

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012188.D
 Acq On : 07 Sep 2019 20:46
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 9:19:05 AM

Quant Time: Sep 08 08:01:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	114272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	214941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	94614	60.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.02%	
35) Dibromofluoromethane	5.48	113	73114	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
50) Toluene-d8	8.71	98	266786	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
62) 4-Bromofluorobenzene	11.14	95	119018	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	52520	49.840	ug/l	98
3) Chloromethane	1.31	50	59786	55.398	ug/l	98
4) Vinyl Chloride	1.39	62	55411	54.573	ug/l	98
5) Bromomethane	1.62	94	30650	60.851	ug/l	99
6) Chloroethane	1.71	64	36117	57.219	ug/l	98
7) Trichlorofluoromethane	1.92	101	87611	55.554	ug/l	99
8) Diethyl Ether	2.17	74	33261	61.031	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62932	53.877	ug/l #	83
10) Methyl Iodide	2.50	142	40257	36.271	ug/l	90
11) Tert butyl alcohol	3.03	59	40560	267.820	ug/l	95
12) 1,1-Dichloroethene	2.36	96	59386	52.777	ug/l	90
13) Acrolein	2.28	56	10585	278.723	ug/l	94
14) Allyl chloride	2.72	41	114490	56.231	ug/l	98
15) Acrylonitrile	3.13	53	99610	290.869	ug/l	98
16) Acetone	2.43	43	92758	246.126	ug/l	97
17) Carbon Disulfide	2.56	76	176875	53.786	ug/l	99
18) Methyl Acetate	2.76	43	51140	57.602	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	212153	57.913	ug/l	99
20) Methylene Chloride	2.84	84	79924	52.812	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	72031	54.551	ug/l	93
22) Diisopropyl ether	3.84	45	241930	58.296	ug/l	95
23) Vinyl Acetate	3.80	43	800471	298.172	ug/l	97
24) 1,1-Dichloroethane	3.69	63	138075	57.366	ug/l	99
25) 2-Butanone	4.65	43	137129	285.847	ug/l	94
26) 2,2-Dichloropropane	4.56	77	108293	48.733	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	86125	55.643	ug/l	92
28) Bromochloromethane	5.00	49	51726	53.838	ug/l #	78
29) Tetrahydrofuran	5.11	42	85919	297.260	ug/l	98
30) Chloroform	5.20	83	146881	56.872	ug/l	100
31) Cyclohexane	5.56	56	99915	51.687	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	125968	56.002	ug/l	97
36) 1,1-Dichloropropene	5.79	75	100405	53.037	ug/l	95
37) Ethyl Acetate	4.82	43	61677	59.913	ug/l	98
38) Carbon Tetrachloride	5.77	117	107095	53.687	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	107490	48.922	ug/l	93
40) Benzene	6.13	78	295927	54.451	ug/l	100
41) Methacrylonitrile	5.03	41	37046	60.344	ug/l	96
42) 1,2-Dichloroethane	6.18	62	117462	60.060	ug/l	97
43) Isopropyl Acetate	6.43	43	122636	58.588	ug/l	98
44) Trichloroethene	7.20	130	77269	52.713	ug/l	82
45) 1,2-Dichloropropane	7.51	63	77771	55.387	ug/l	97
46) Dibromomethane	7.65	93	46578	56.825	ug/l #	74
47) Bromodichloromethane	7.89	83	115244	55.313	ug/l	95
48) Methyl methacrylate	7.76	41	61239	58.186	ug/l	94
49) 1,4-Dioxane	7.73	88	15961	1112.454	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	310597	291.727	ug/l	97
52) Toluene	8.78	92	192503	54.440	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	116206	53.873	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	129189	53.858	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	65342	55.759	ug/l	98
56) Ethyl methacrylate	9.17	69	93381	55.632	ug/l	93
57) 1,3-Dichloropropane	9.37	76	113962	56.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	188906	249.627	ug/l	94
59) 2-Hexanone	9.48	43	223287	287.417	ug/l	96
60) Dibromochloromethane	9.57	129	77720	55.648	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63627	56.190	ug/l	99
64) Tetrachloroethene	9.33	164	70472	56.606	ug/l #	88
65) Chlorobenzene	10.14	112	210661	53.467	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	79844	55.422	ug/l	99
67) Ethyl Benzene	10.25	91	379967	52.906	ug/l	97
68) m/p-Xylenes	10.35	106	282354	106.706	ug/l	90
69) o-Xylene	10.70	106	137393	53.546	ug/l	89
70) Styrene	10.71	104	243685	54.678	ug/l	95
71) Bromoform	10.85	173	42803	54.093	ug/l	98
73) Isopropylbenzene	11.01	105	369449	50.082	ug/l	97
74) N-amyl acetate	10.89	43	117002	53.644	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	79651	51.793	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72188m	58.763	ug/l	
77) Bromobenzene	11.25	156	87915	53.287	ug/l	70
78) n-propylbenzene	11.35	91	449824	50.473	ug/l	93
79) 2-Chlorotoluene	11.42	91	277027	51.309	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	327061	50.592	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	23346	44.929	ug/l	91
82) 4-Chlorotoluene	11.51	91	335228	52.092	ug/l	92
83) tert-Butylbenzene	11.76	119	312464	50.712	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	340373	51.228	ug/l	95
85) sec-Butylbenzene	11.94	105	374632	48.951	ug/l	94
86) p-Isopropyltoluene	12.06	119	347551	49.935	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	174342	52.736	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	172148	52.078	ug/l	93
89) n-Butylbenzene	12.39	91	332765	49.218	ug/l	96
90) Hexachloroethane	12.59	117	66725	48.014	ug/l	57
91) 1,2-Dichlorobenzene	12.39	146	160044	53.753	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17324	53.832	ug/l	64

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ClientSampleId :
VSTDCCC050EC

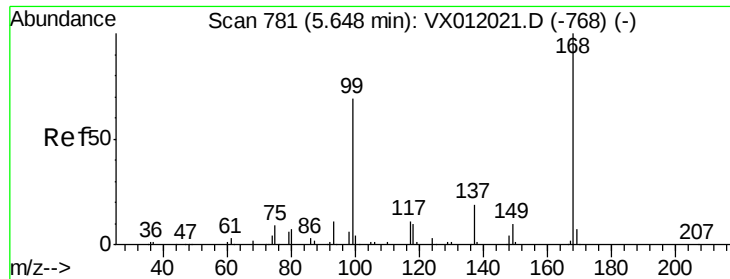
Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:19:05 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	107030	50.504	ug/l	96
94) Hexachlorobutadiene	13.78	225	52843	49.466	ug/l	98
95) Naphthalene	13.83	128	250214	54.553	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97400	52.241	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

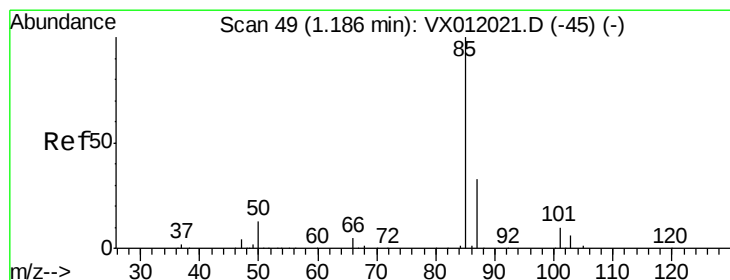
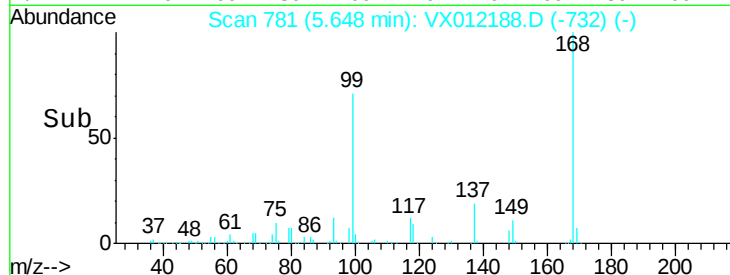
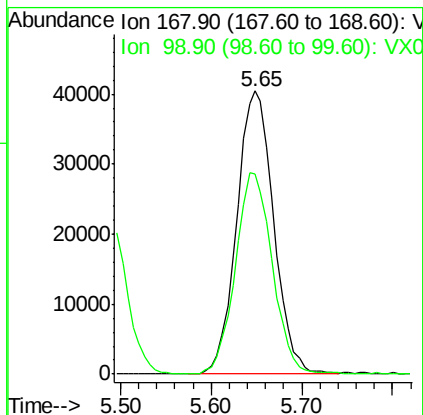
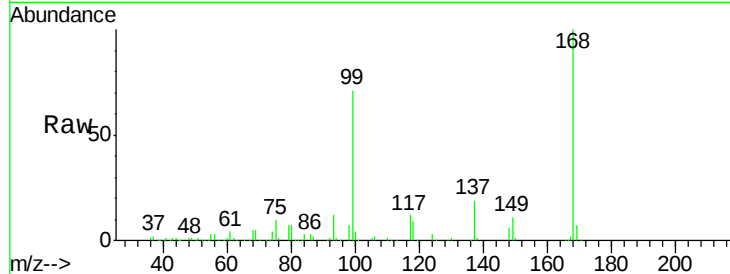
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	70.6	37.6	56.4#

Manual Integrations
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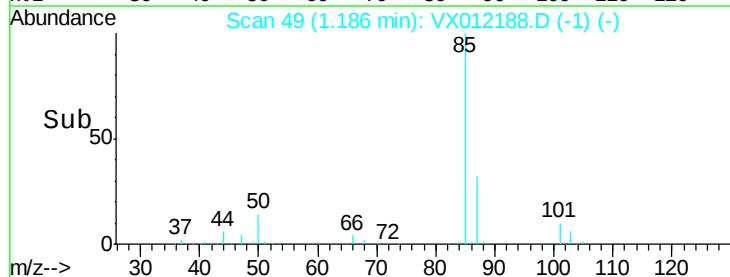
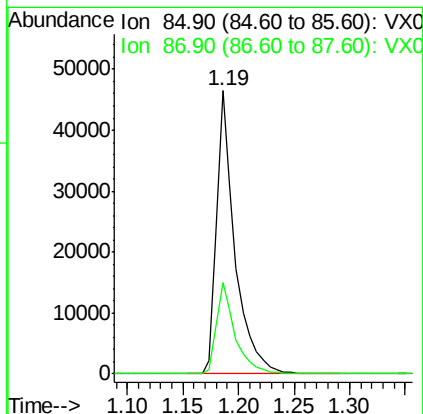
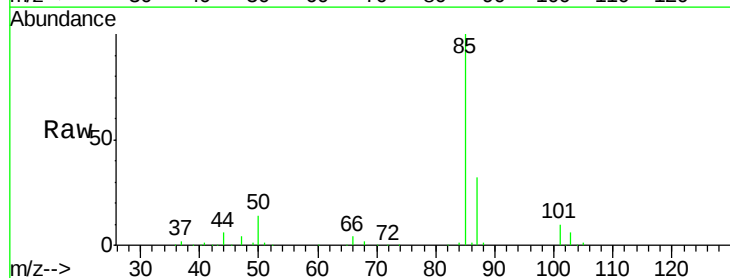
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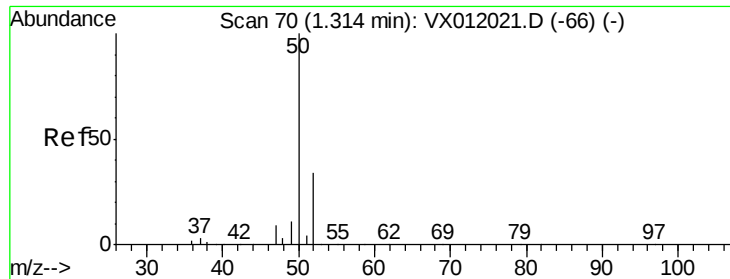


#2

Dichlorodifluoromethane
 Concen: 49.840 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.6	46.8





#3

Chloromethane

Concen: 55.398 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 59786

Ion Ratio Lower Upper

50 100

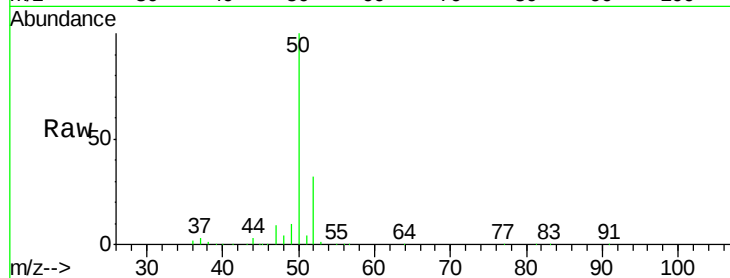
52 32.2 26.5 39.7

Manual Integrations

APPROVED

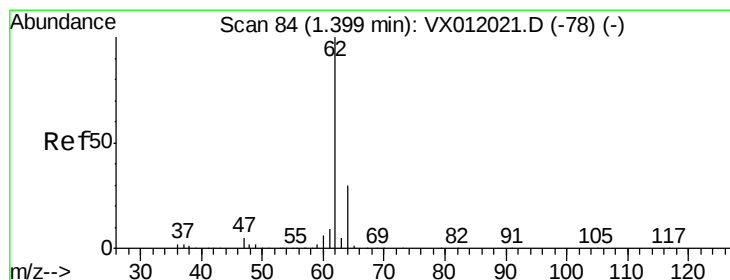
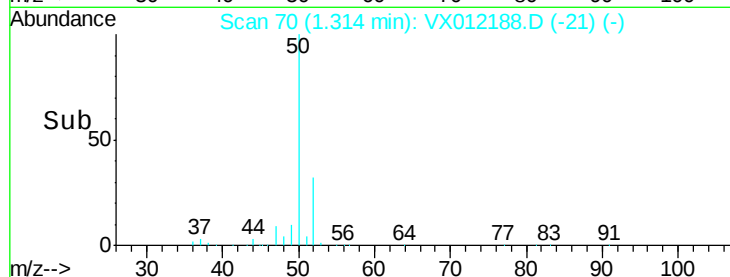
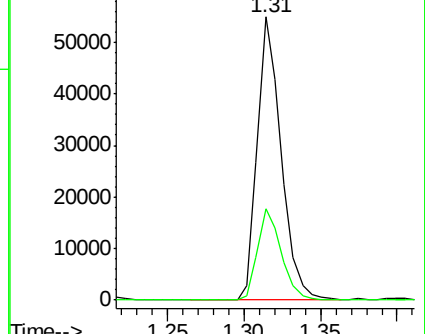
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.573 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012188.D

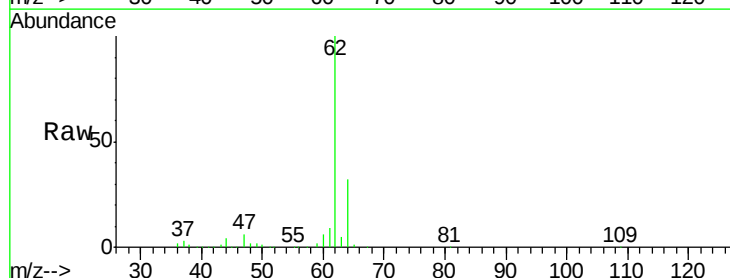
Acq: 07 Sep 2019 20:46

Tgt Ion: 62 Resp: 55411

Ion Ratio Lower Upper

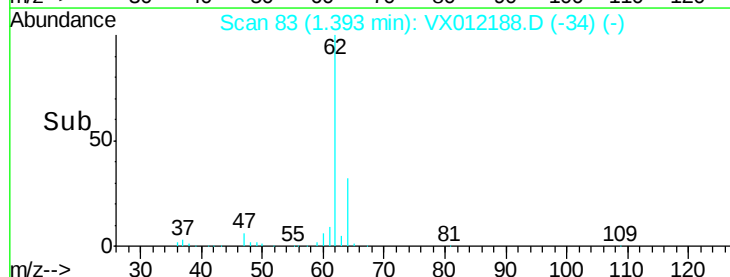
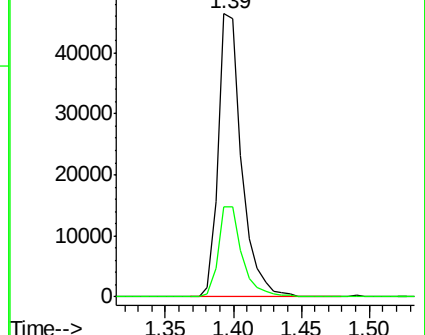
62 100

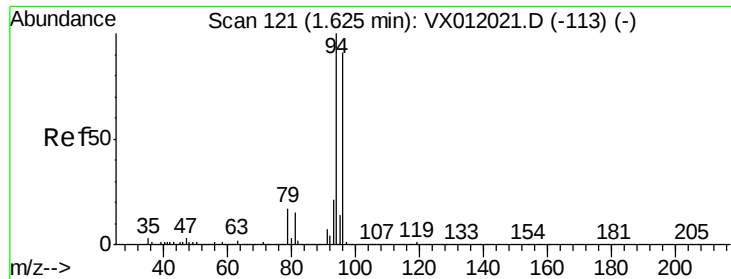
64 31.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 60.851 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 30650

Ion Ratio Lower Upper

94 100

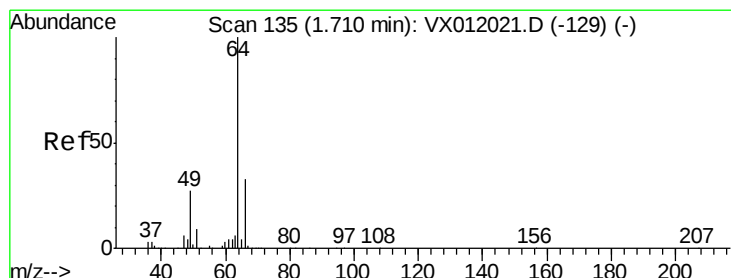
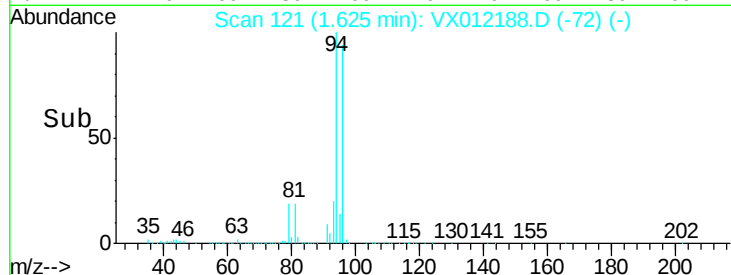
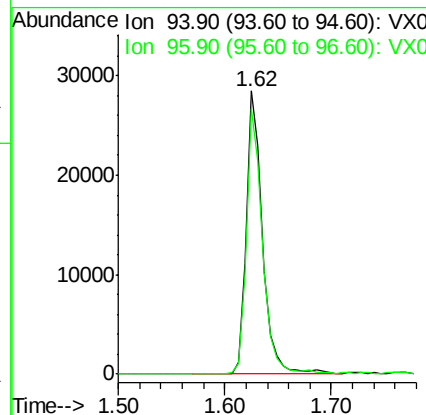
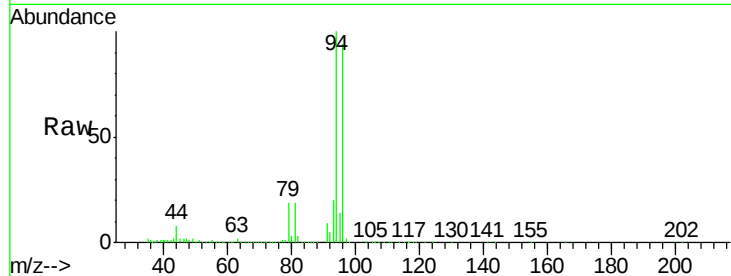
96 94.0 76.3 114.5

Manual Integrations

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#6

Chloroethane

Concen: 57.219 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012188.D

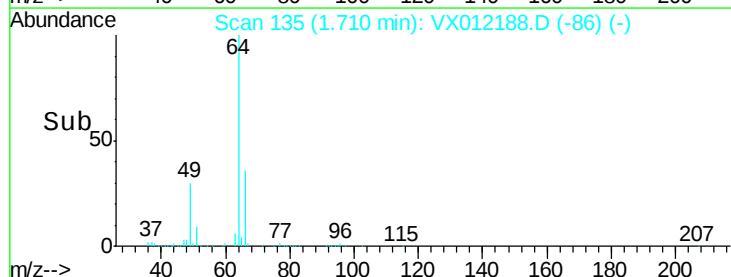
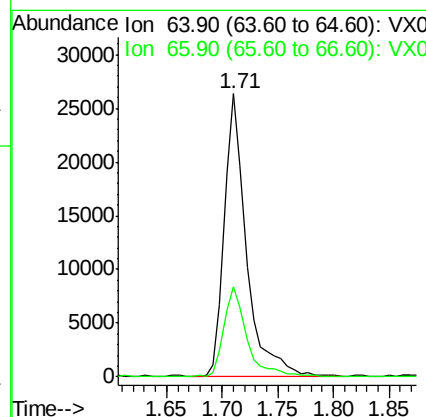
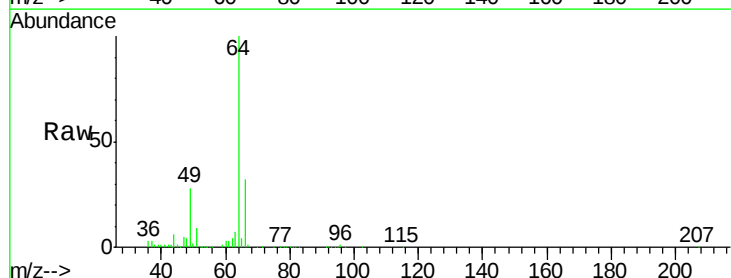
Acq: 07 Sep 2019 20:46

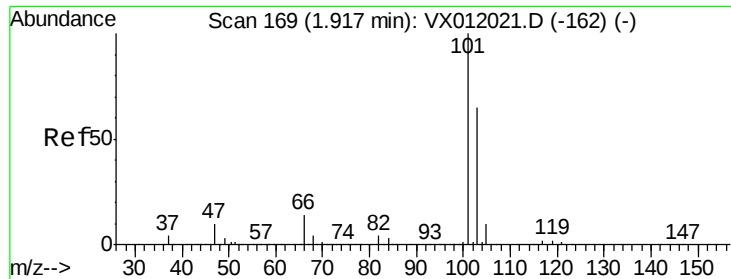
Tgt Ion: 64 Resp: 36117

Ion Ratio Lower Upper

64 100

66 32.0 26.3 39.5





#7

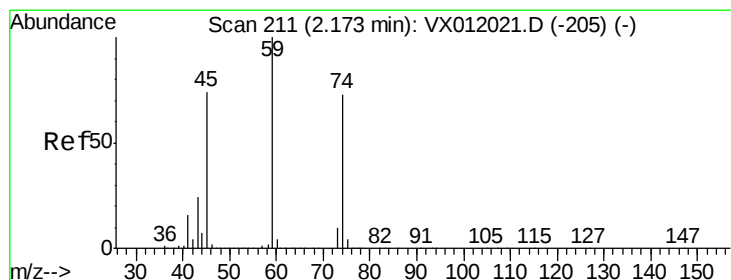
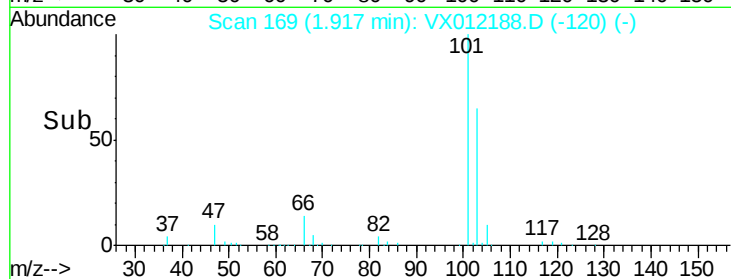
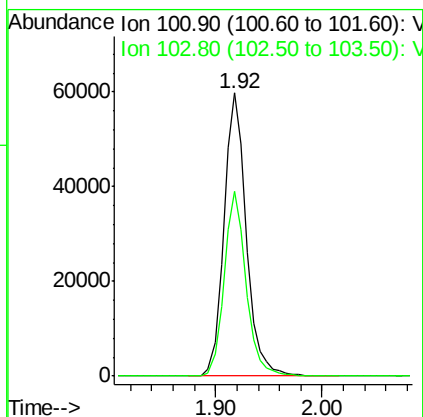
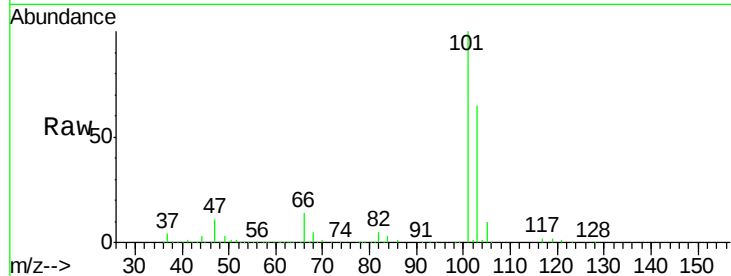
Trichlorofluoromethane
Concen: 55.554 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.6	77.4

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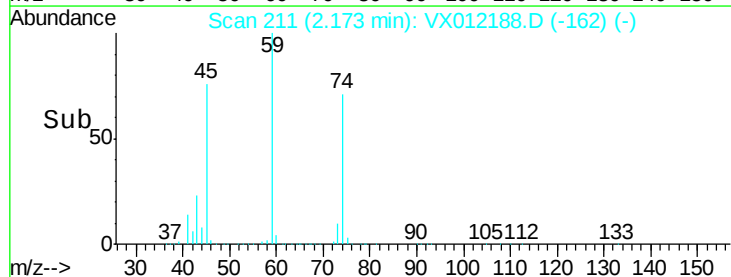
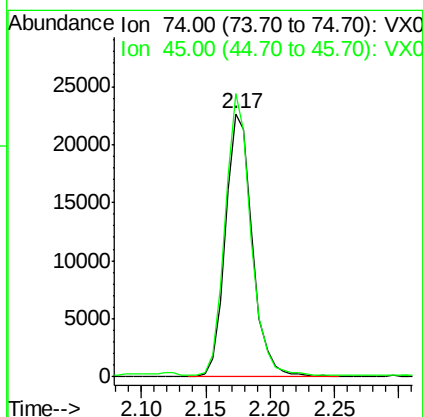
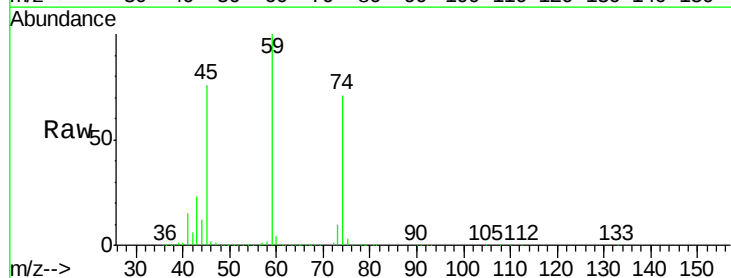
MMDadoda
9/9/2019 9:19:05 AM

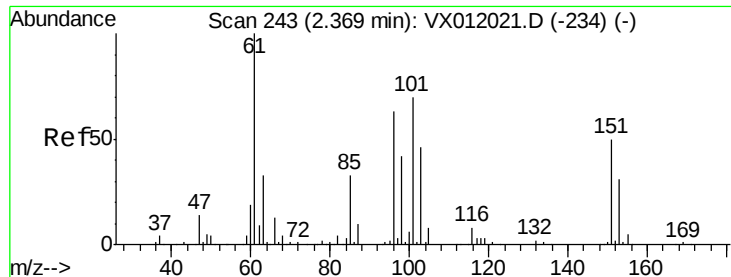


#8

Diethyl Ether
Concen: 61.031 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.0	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.877 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

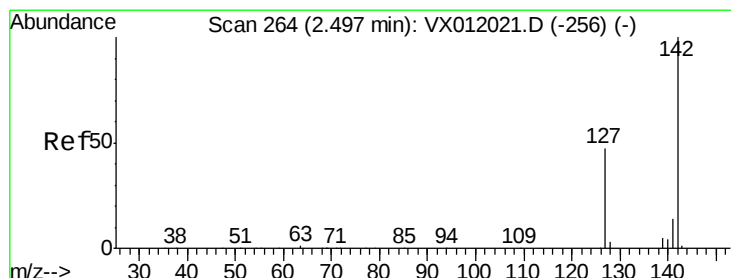
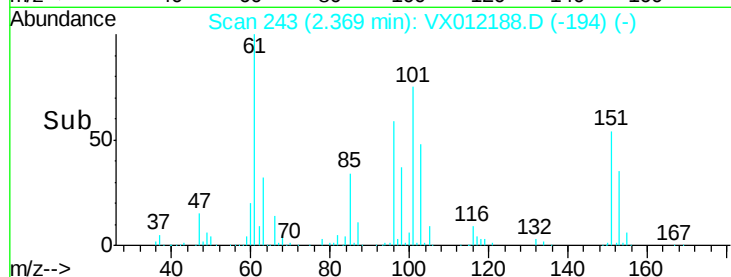
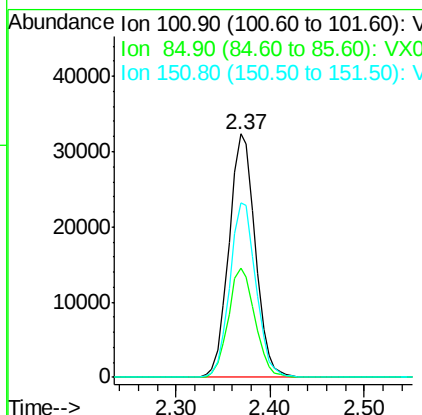
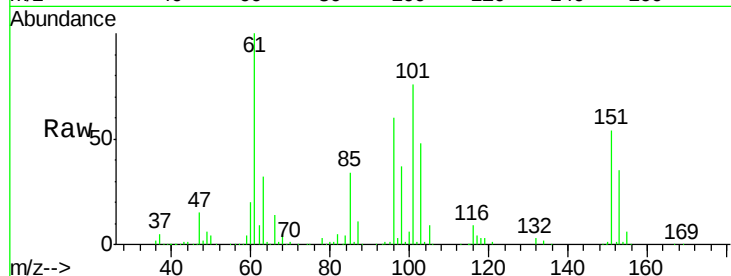
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	62932
Ion Ratio	Lower	Upper	
101	100		
85	45.5	34.5	51.7
151	71.4	75.0	112.4#

Manual Integrations
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#10

Methyl Iodide

Concen: 36.271 ug/l

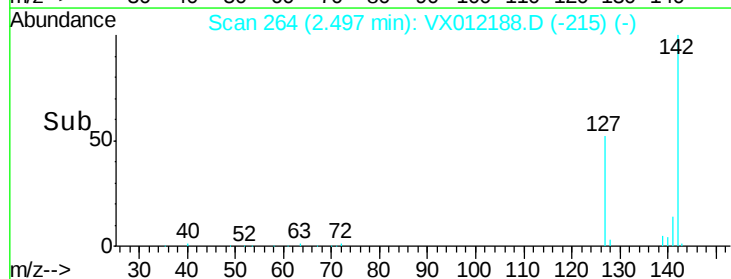
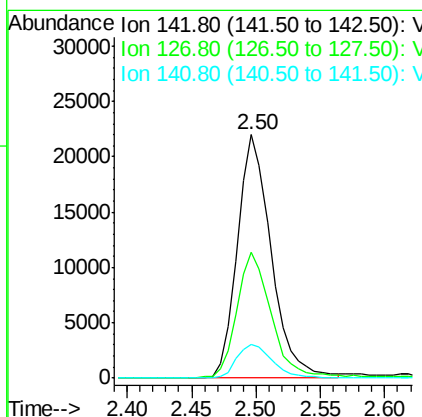
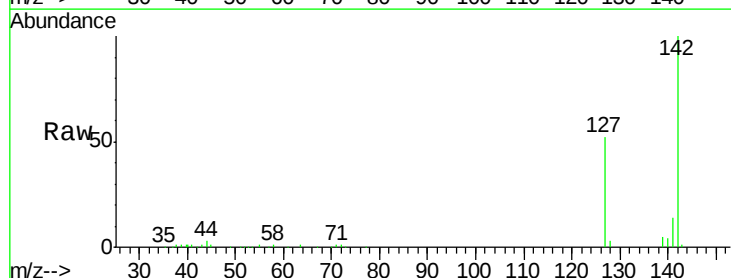
RT: 2.50 min Scan# 264

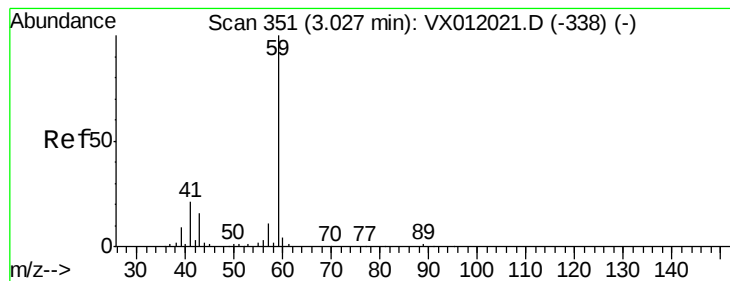
Delta R.T. 0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion:	142	Resp:	40257
Ion Ratio	Lower	Upper	
142	100		
127	52.7	35.4	53.2
141	14.7	11.4	17.2





#11

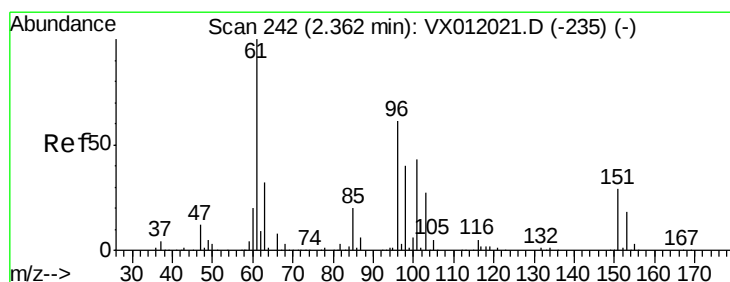
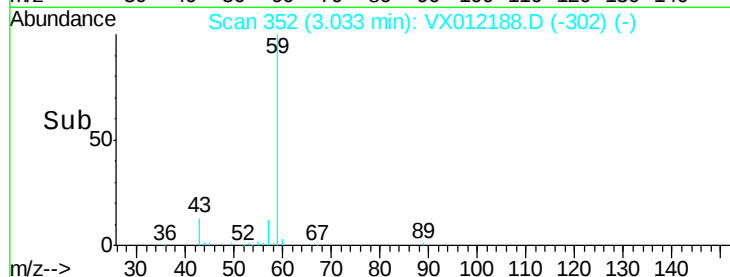
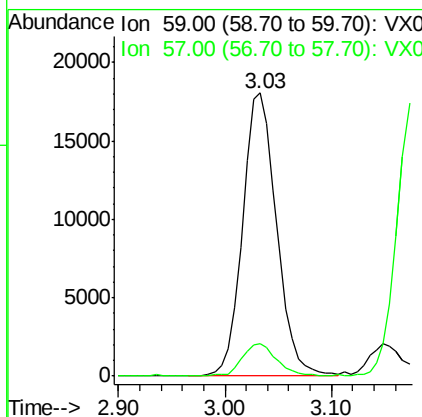
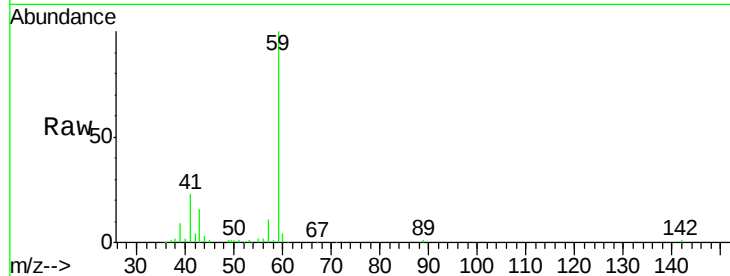
Tert butyl alcohol
 Concen: 267.820 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	7.9	11.9

Manual Integrations
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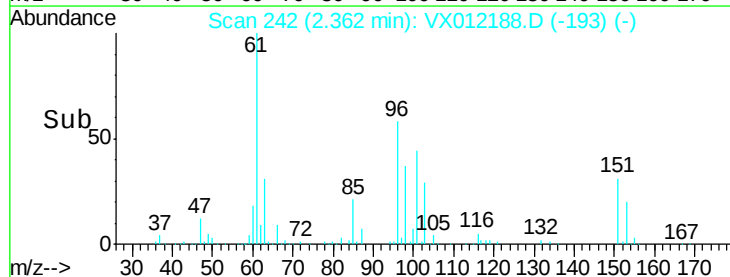
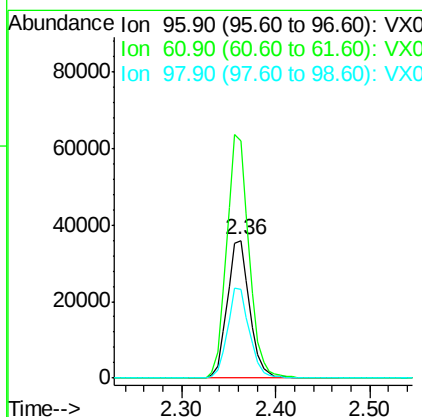
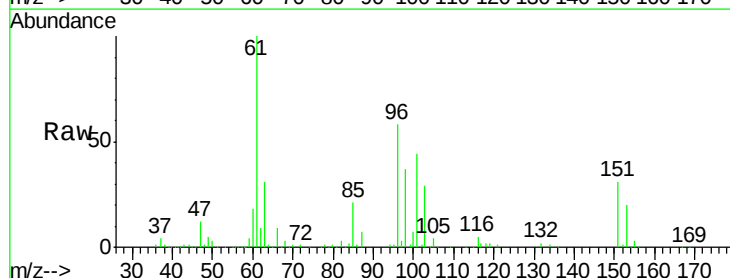
MMDadoda
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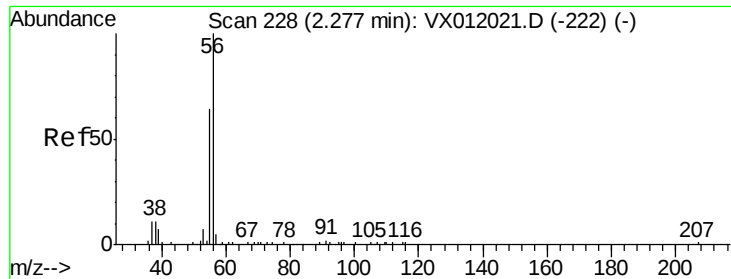


#12

1,1-Dichloroethene
 Concen: 52.777 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.6	124.1	186.1
98	64.3	50.2	75.2





#13

Acrolein

Concen: 278.723 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 10585

Ion Ratio Lower Upper

56 100

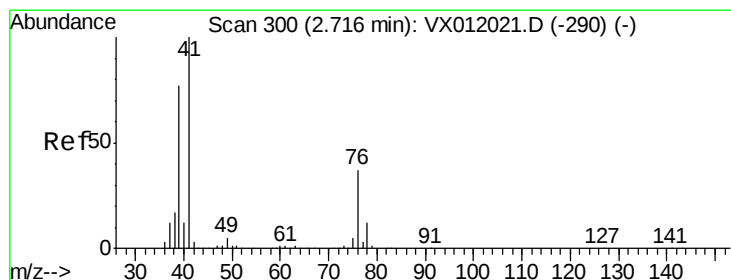
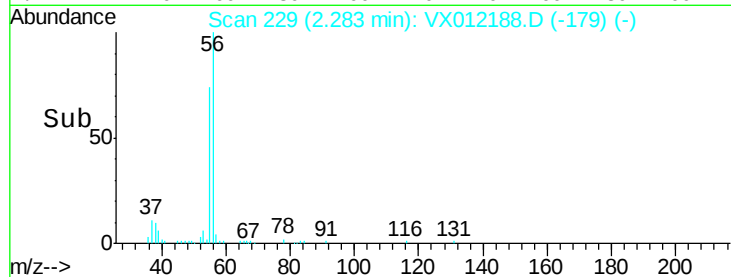
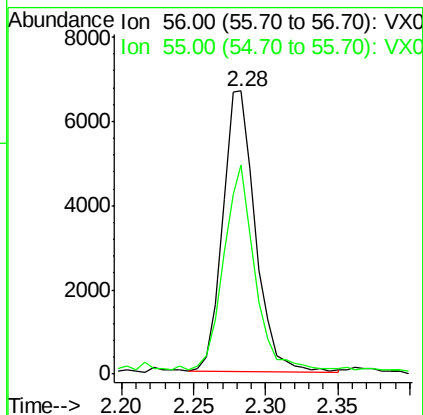
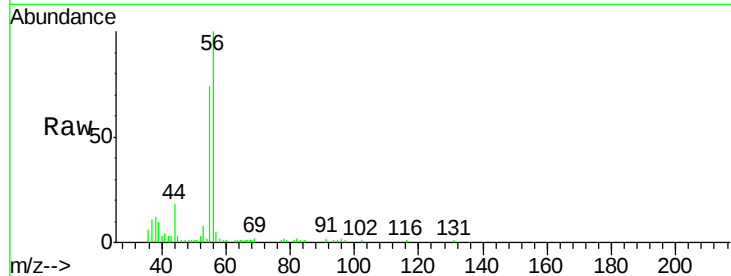
55 69.1 59.2 88.8

Manual Integrations

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#14

Allyl chloride

Concen: 56.231 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

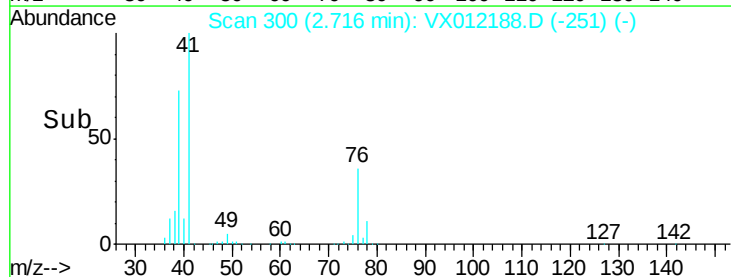
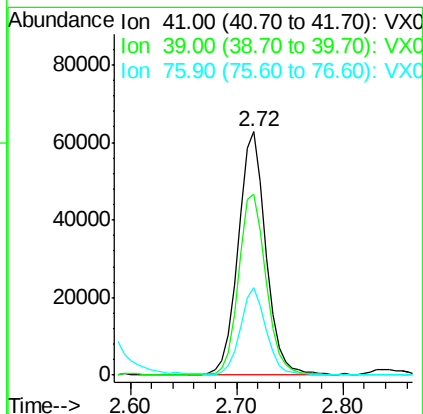
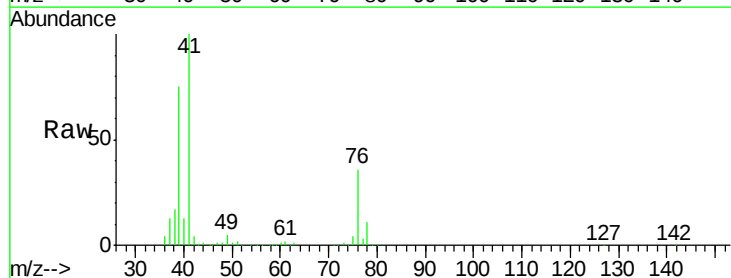
Tgt Ion: 41 Resp: 114490

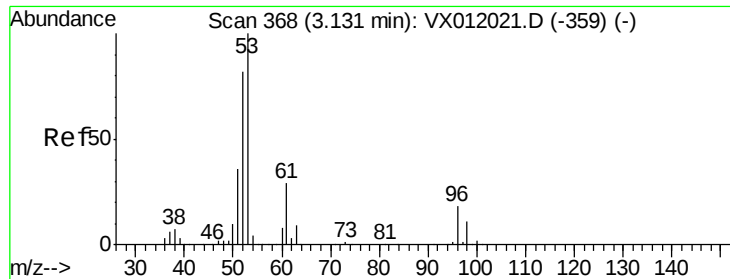
Ion Ratio Lower Upper

41 100

39 73.9 57.9 86.9

76 33.7 28.5 42.7





#15

Acrylonitrile

Concen: 290.869 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

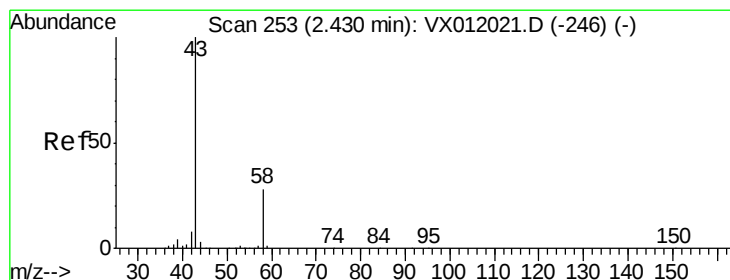
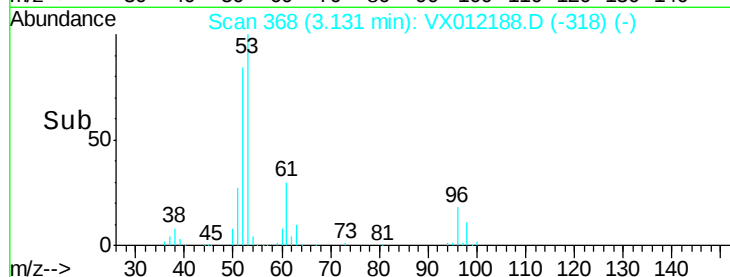
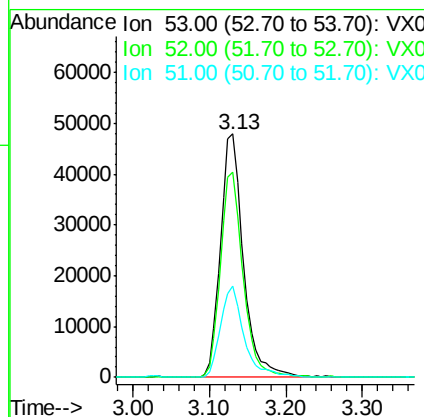
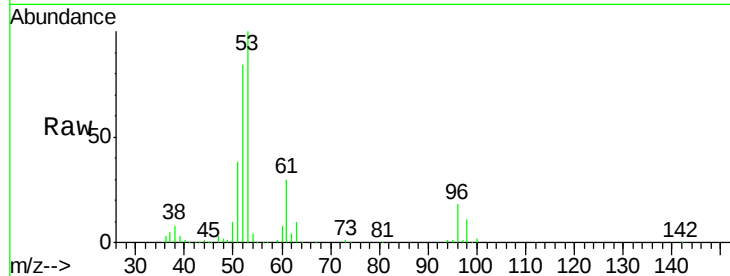
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	99610
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.6	98.4
51	38.4	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 246.126 ug/l

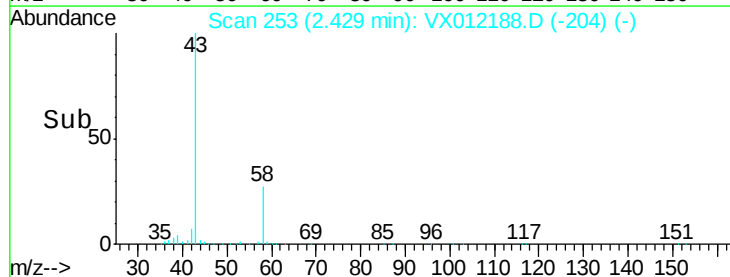
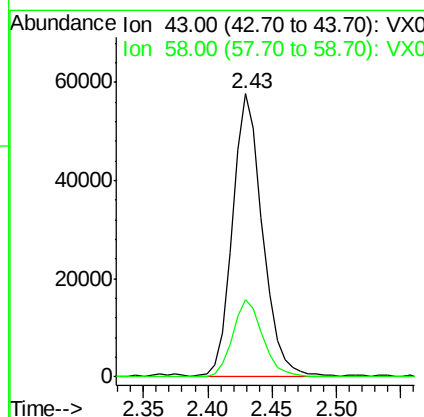
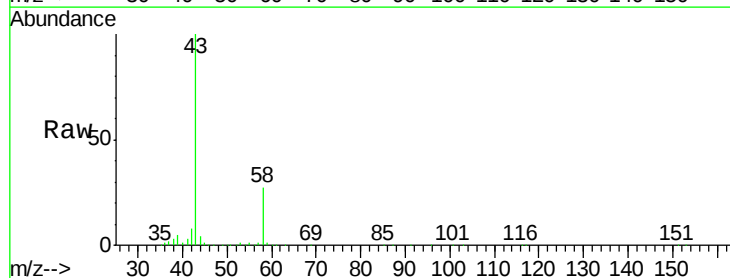
RT: 2.43 min Scan# 253

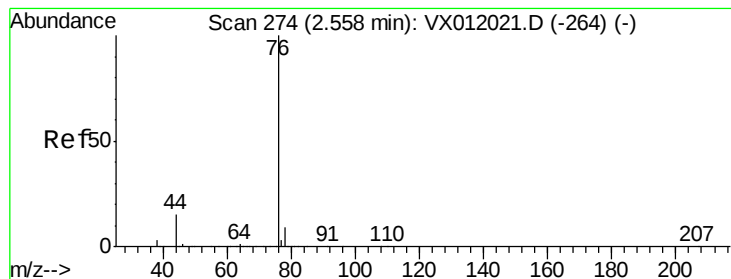
Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion:	43	Resp:	92758
Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.8	34.2





#17

Carbon Disulfide

Concen: 53.786 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 176875

Ion Ratio Lower Upper

76 100

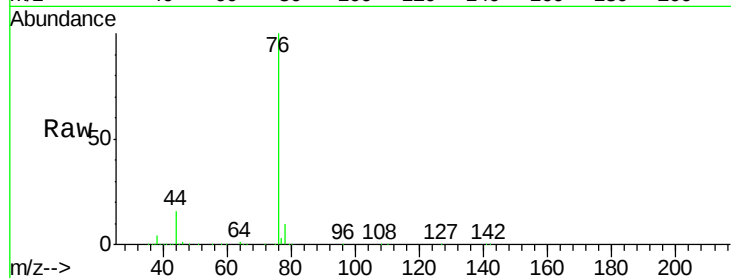
78 9.5 7.4 11.2

Manual Integrations

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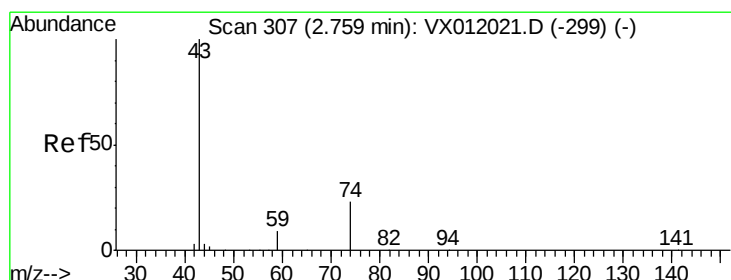
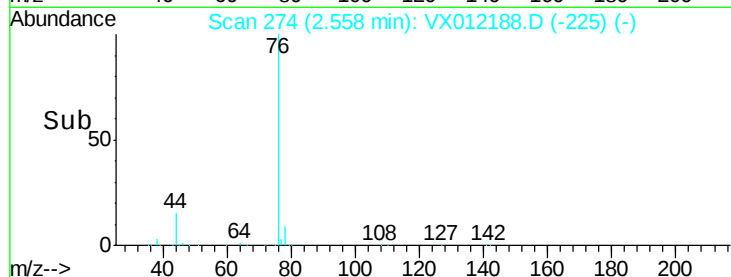
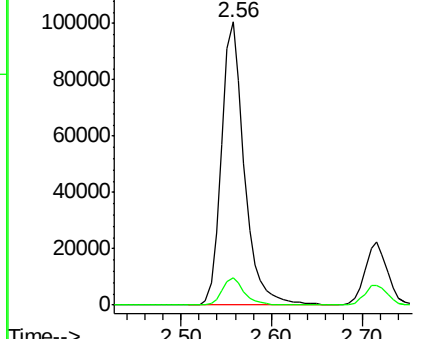
MMDadoda

9/9/2019 9:19:05 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.602 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012188.D

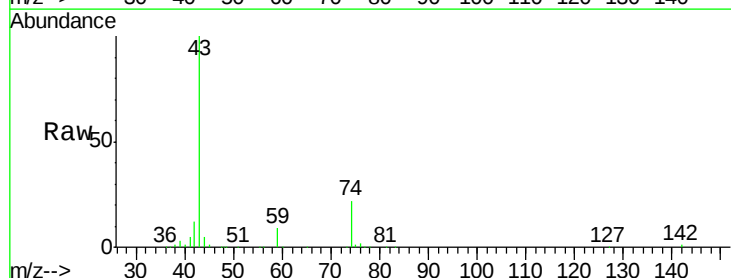
Acq: 07 Sep 2019 20:46

Tgt Ion: 43 Resp: 51140

Ion Ratio Lower Upper

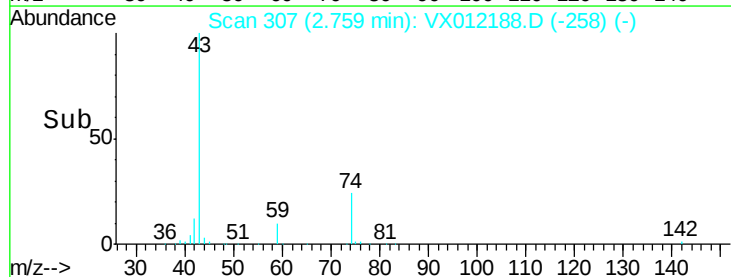
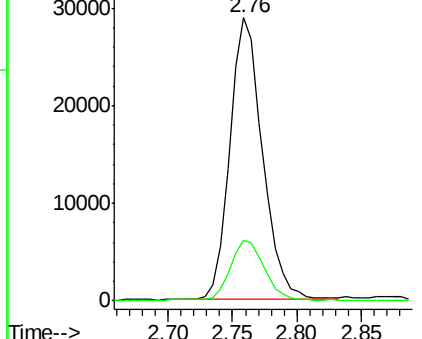
43 100

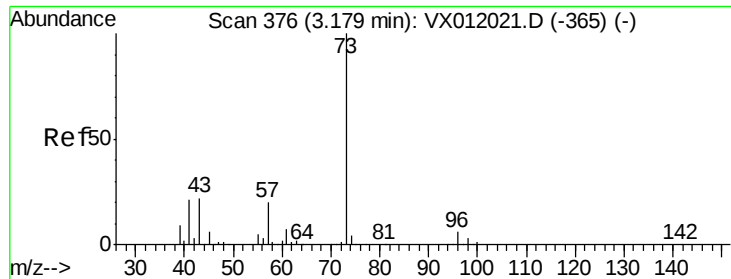
74 23.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





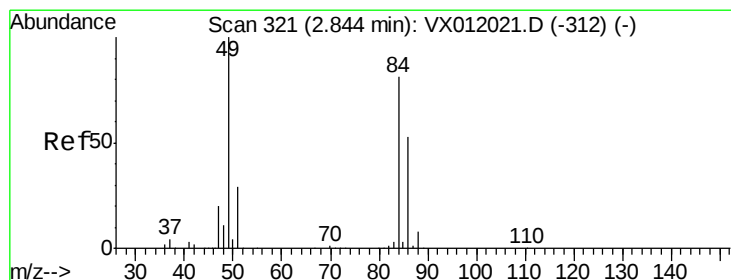
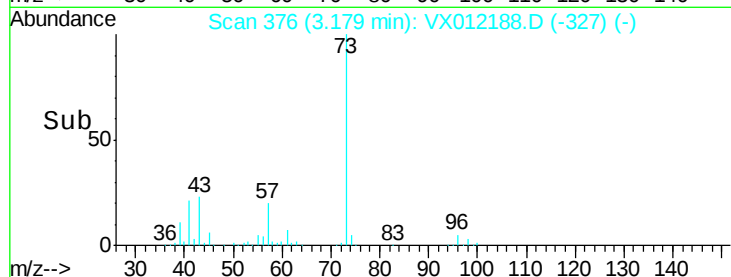
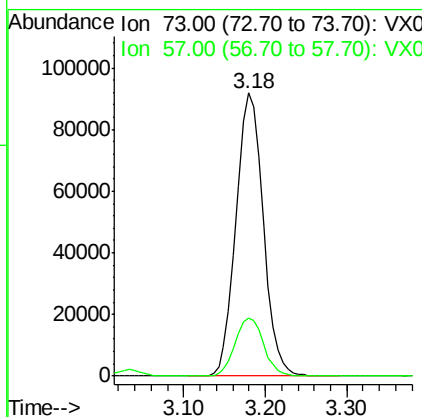
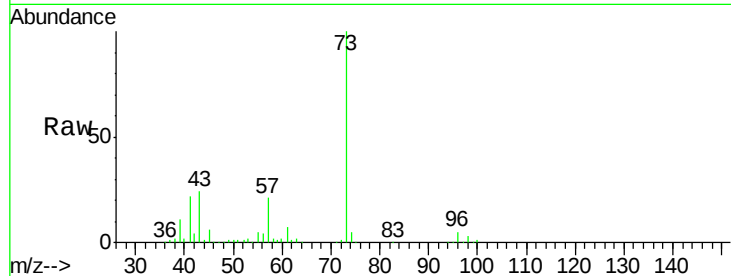
#19
Methyl tert-butyl Ether
Concen: 57.913 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	16.6	25.0

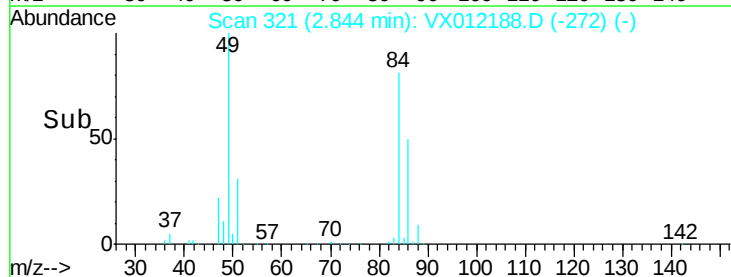
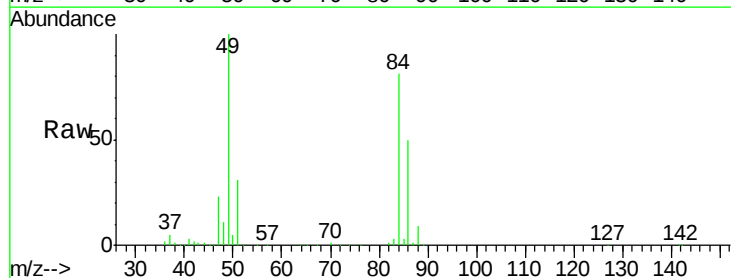
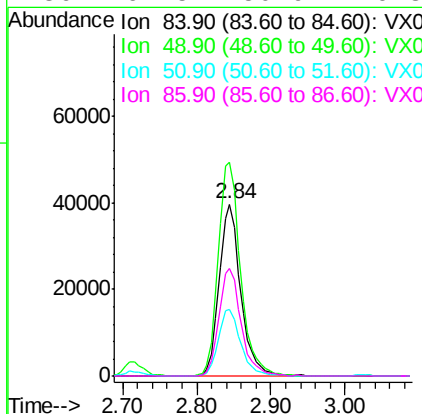
Manual Integrations
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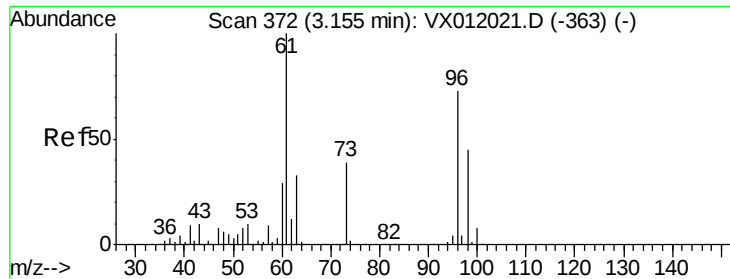
MMDadoda
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#20
Methylene Chloride
Concen: 52.812 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	95.8	143.8
51	38.5	28.6	43.0
86	62.5	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 54.551 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 72031

Ion Ratio Lower Upper

96 100

61 146.3 107.0 160.6

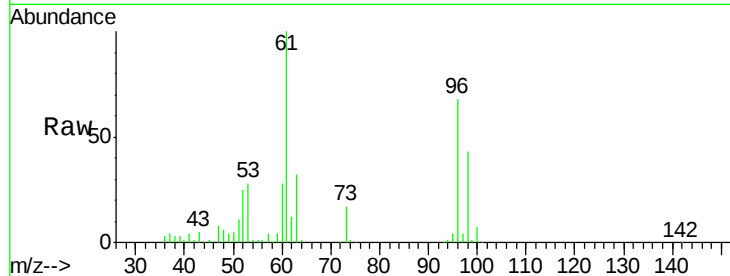
98 62.9 49.8 74.6

Manual Integrations

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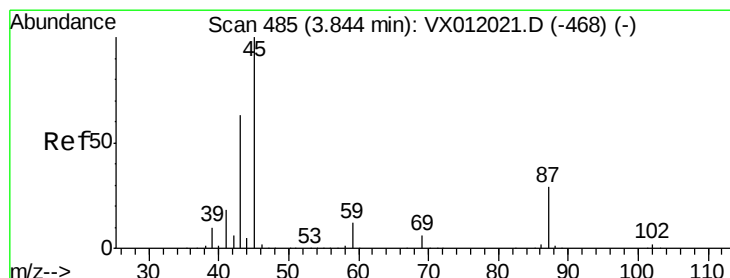
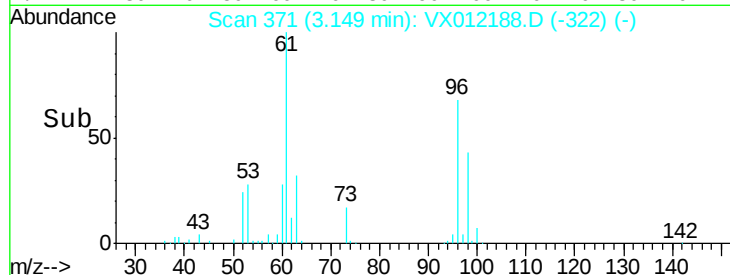
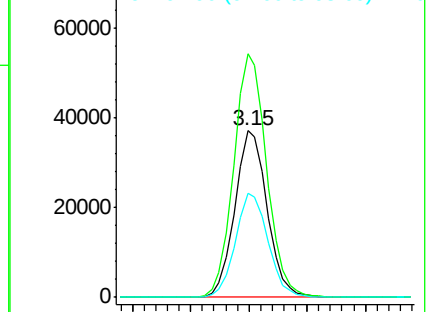
9/9/2019 9:19:05 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 58.296 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion: 45 Resp: 241930

Ion Ratio Lower Upper

45 100

43 62.7 54.2 81.4

87 27.3 23.4 35.0

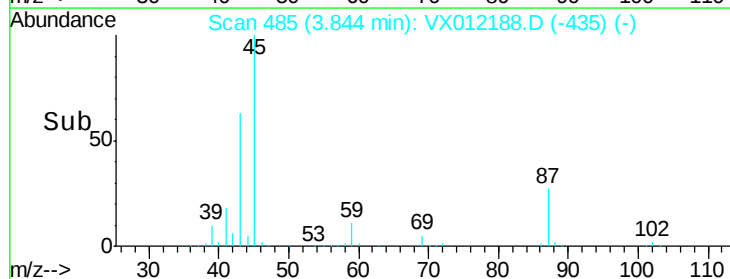
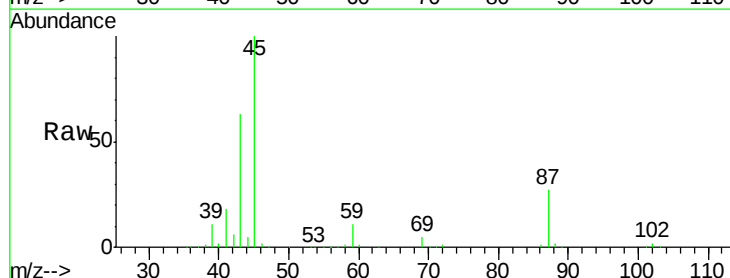
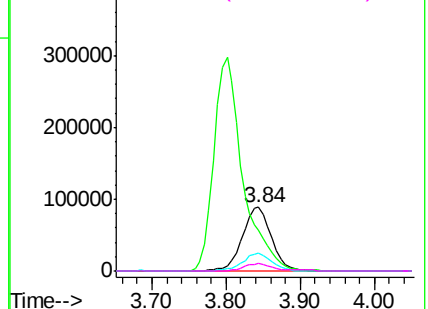
59 11.1 9.0 13.6

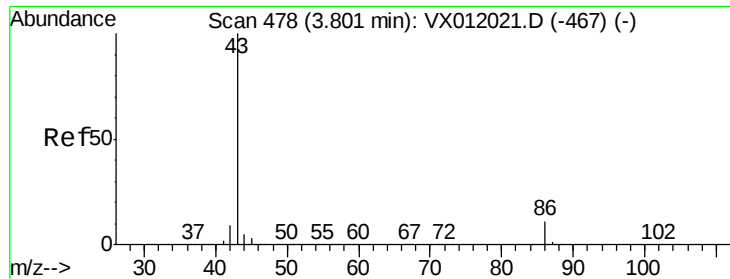
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 298.172 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 800471

Ion Ratio Lower Upper

43 100

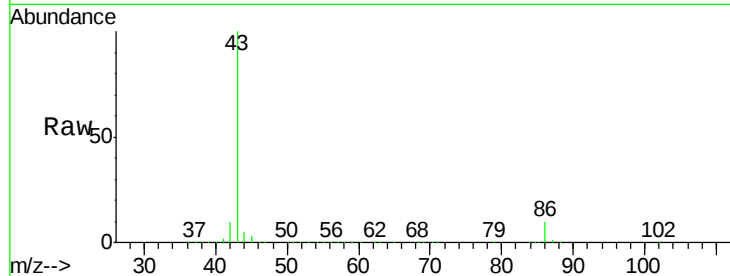
86 10.3 9.0 13.6

Manual Integrations

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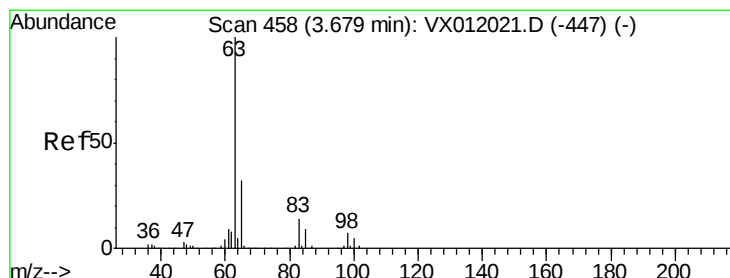
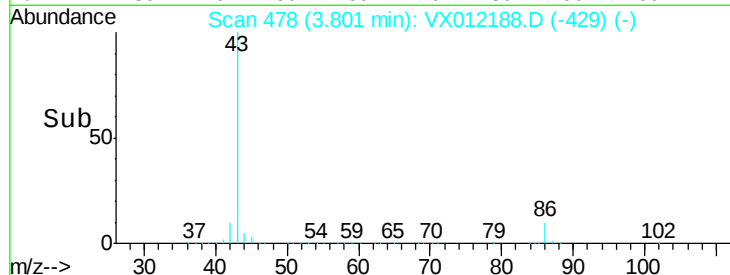
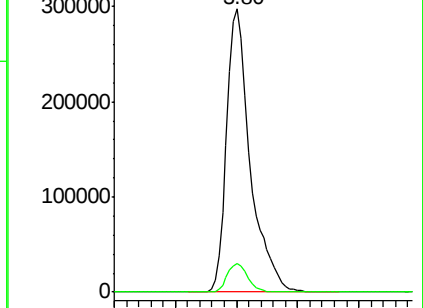
MMDadoda

9/9/2019 9:19:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 57.366 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.01 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

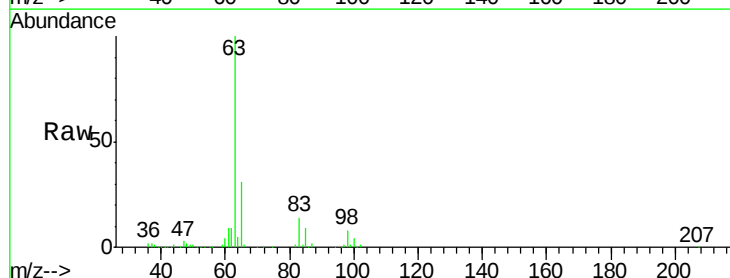
Tgt Ion: 63 Resp: 138075

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

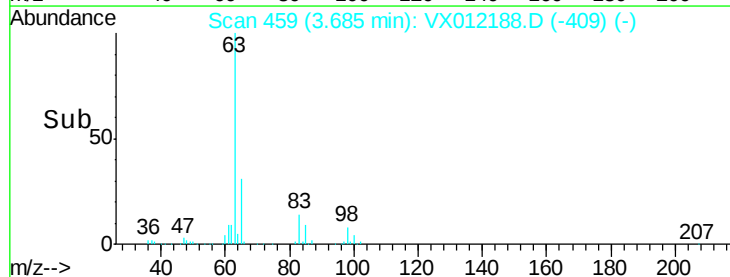
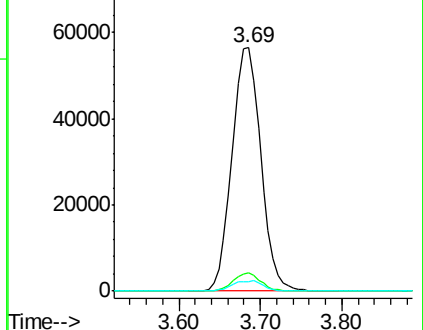
100 4.1 2.5 7.4

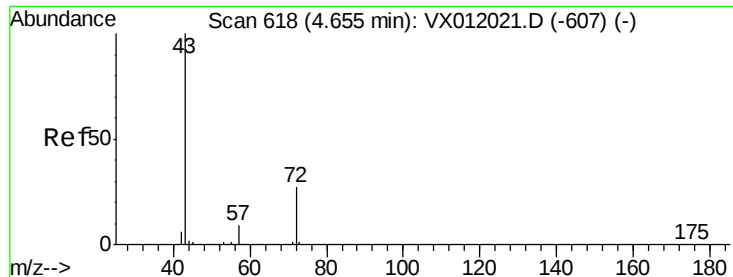


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





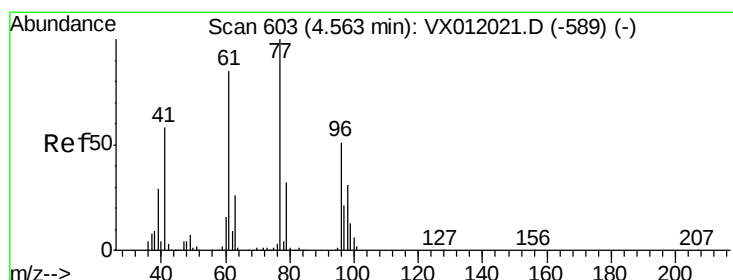
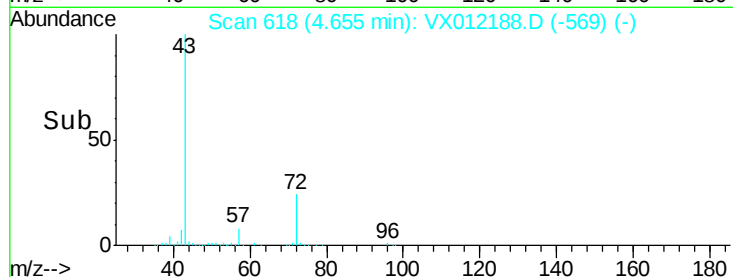
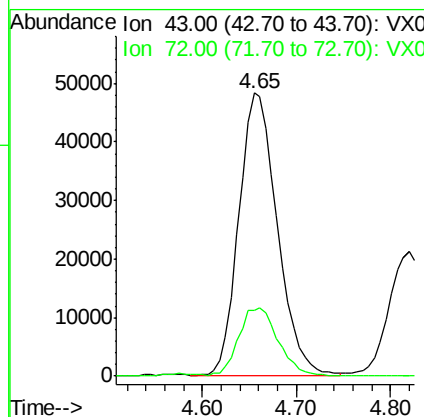
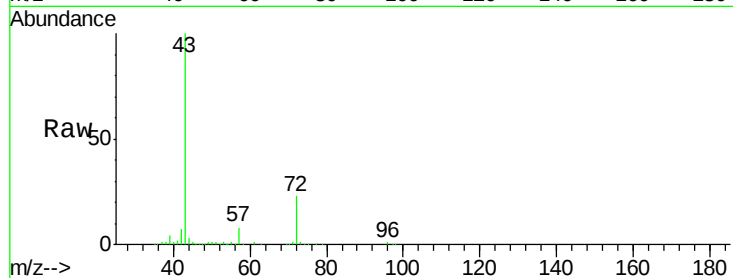
#25
2-Butanone
Concen: 285.847 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	23.3	21.3	31.9

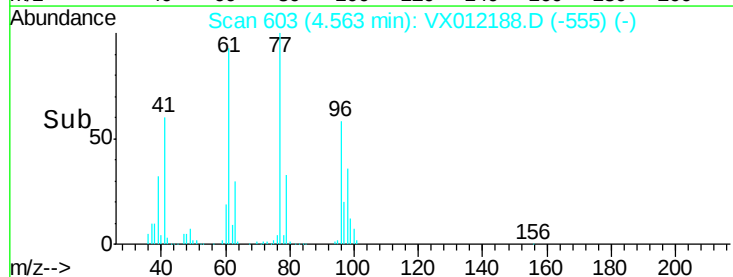
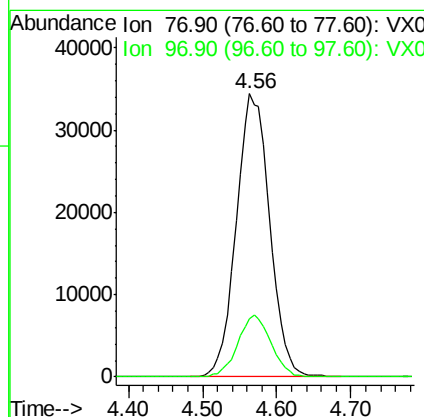
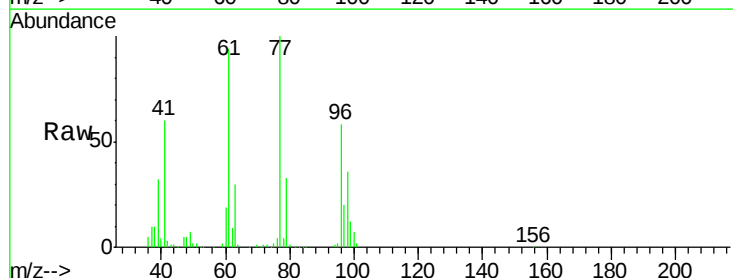
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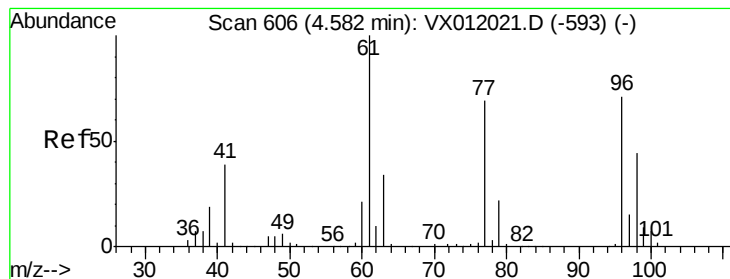
MMDadoda
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#26
2,2-Dichloropropane
Concen: 48.733 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.5	34.5





#27

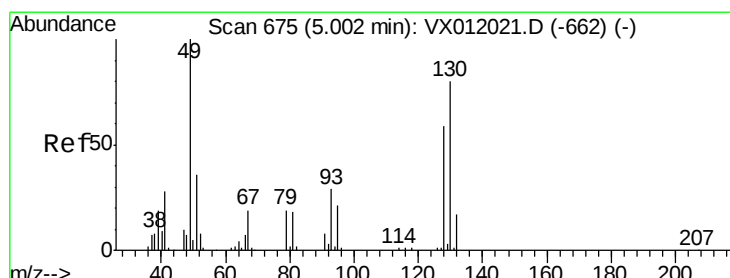
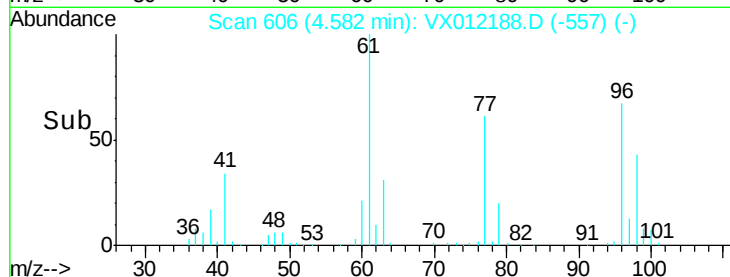
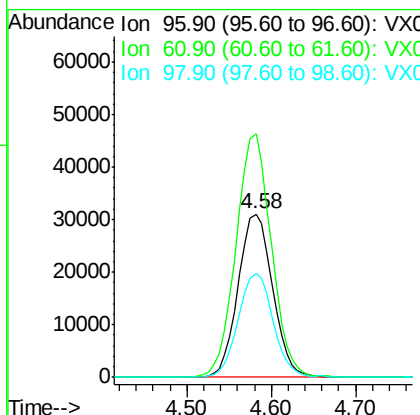
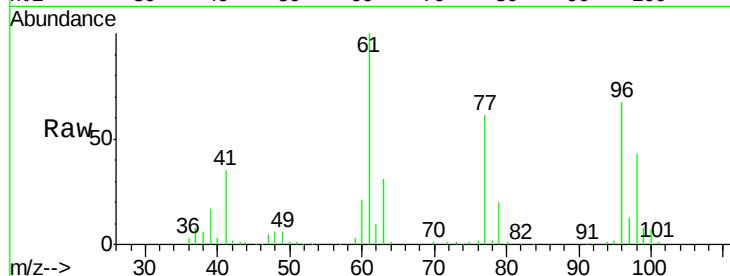
cis-1,2-Dichloroethene
Concen: 55.643 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	86125		
61	152.6	0.0	277.0	
98	64.8	0.0	128.4	

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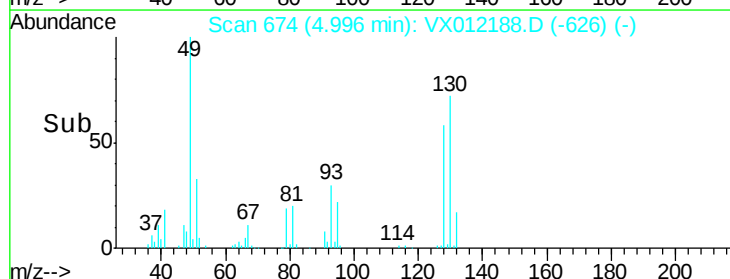
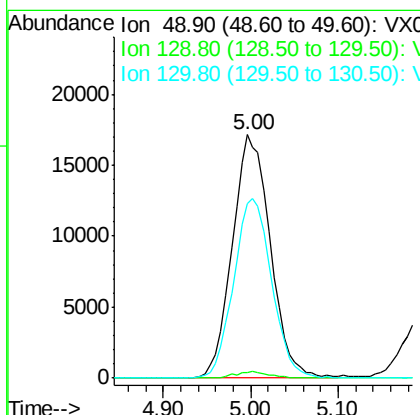
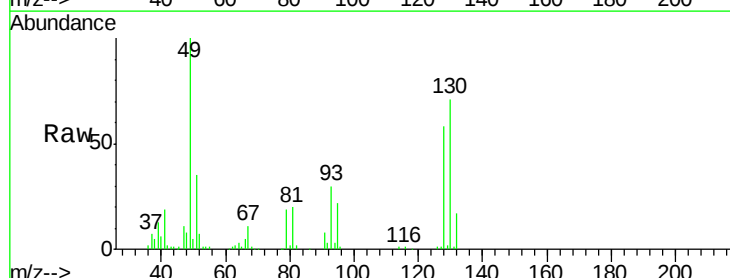
MMDadoda
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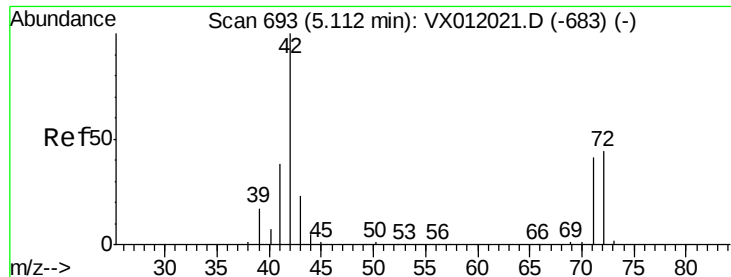


#28

Bromochloromethane
Concen: 53.838 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	51726		
129	2.4	0.0	5.6	
130	73.9	76.7	115.1#	





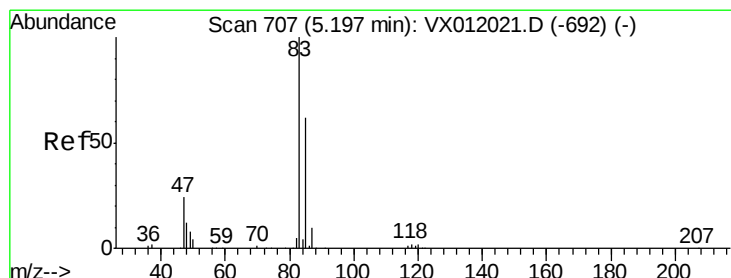
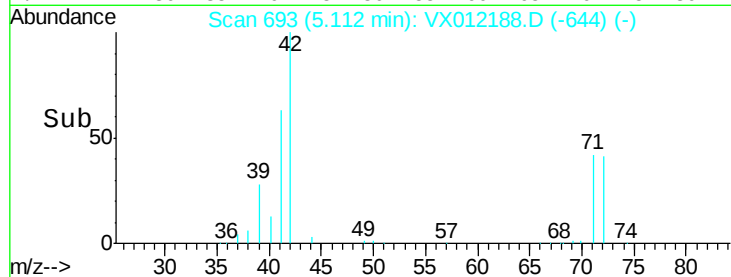
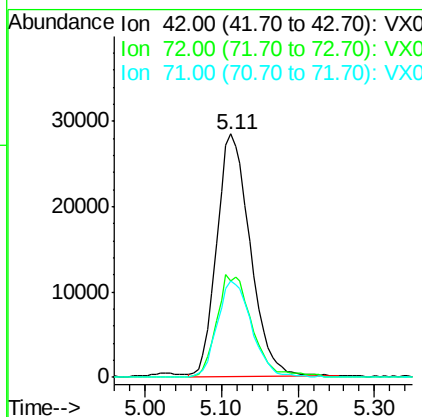
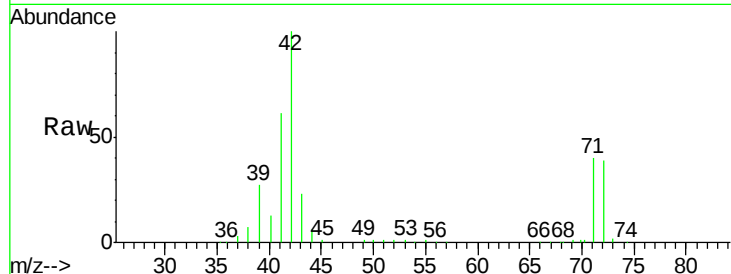
#29
Tetrahydrofuran
Concen: 297.260 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	37.0	55.4
71	40.8	33.8	50.8

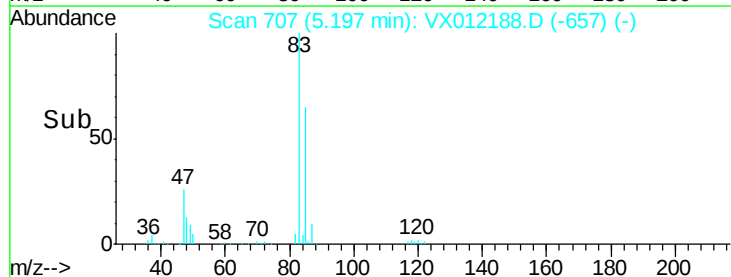
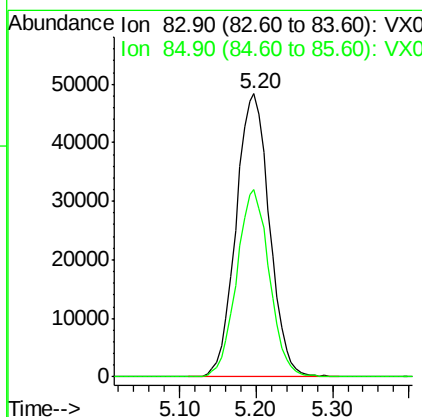
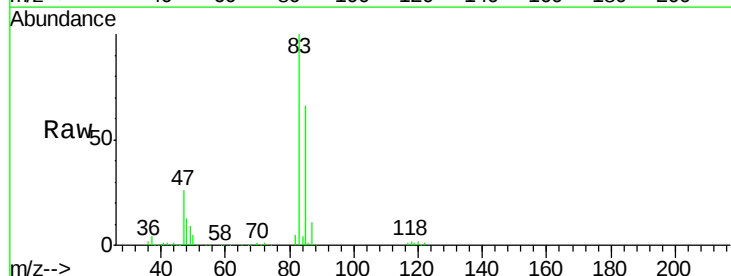
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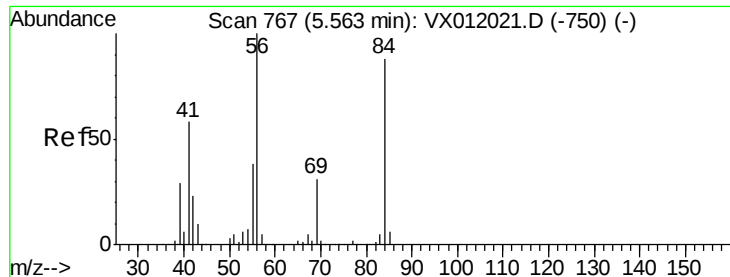
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#30
Chloroform
Concen: 56.872 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.6	78.8





#31

Cyclohexane

Concen: 51.687 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

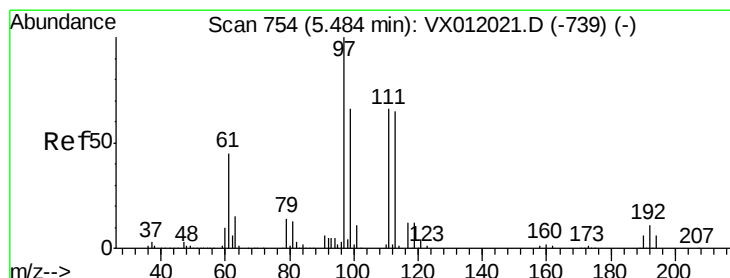
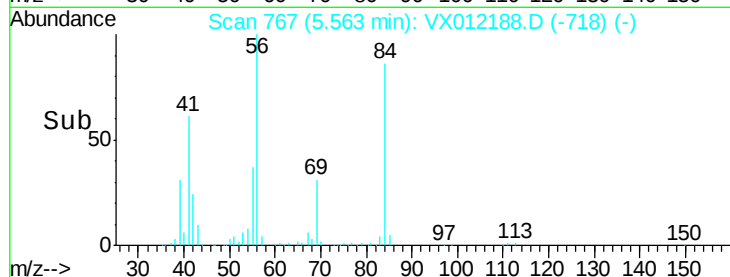
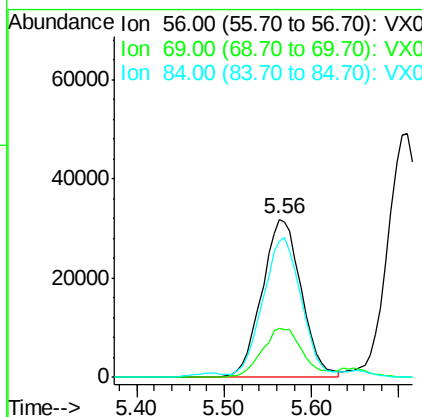
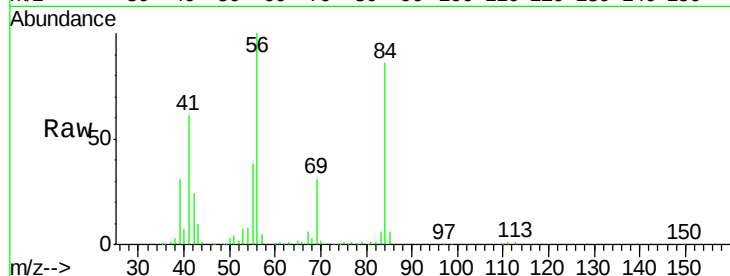
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	99915
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.7	38.5
84	84.9	70.3	105.5

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#32

1,1,1-Trichloroethane

Concen: 56.002 ug/l

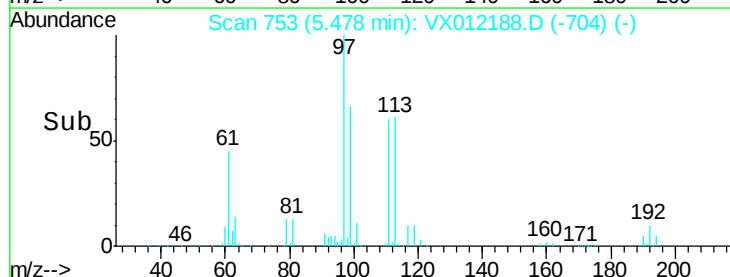
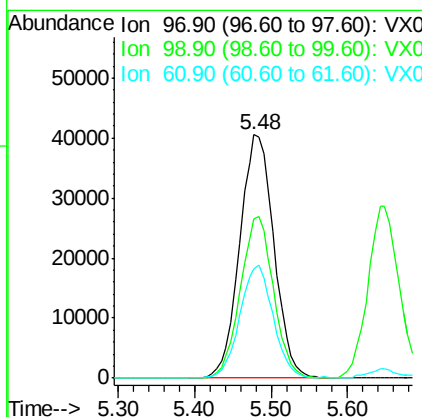
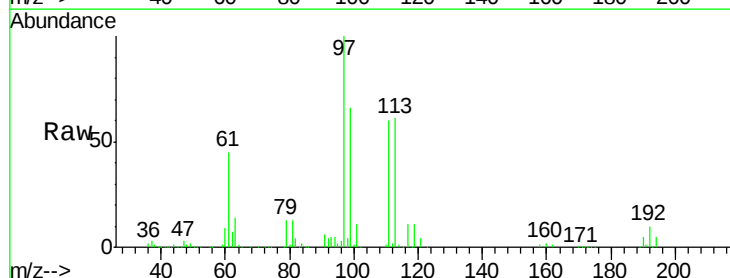
RT: 5.48 min Scan# 753

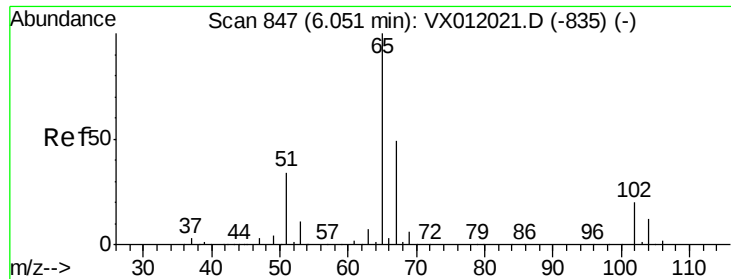
Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion:	97	Resp:	125968
Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.1	78.1
61	45.0	32.8	49.2





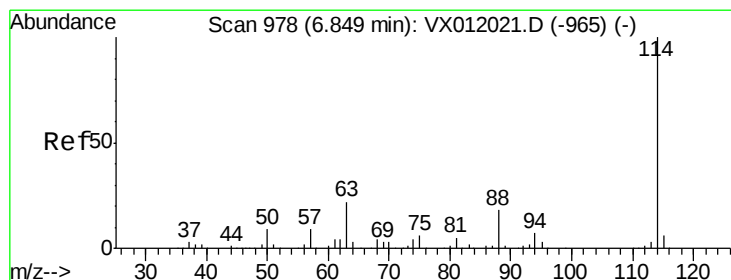
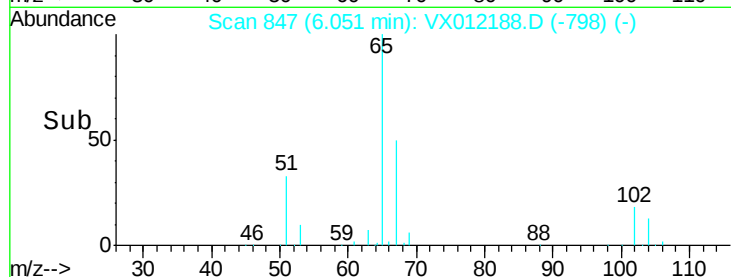
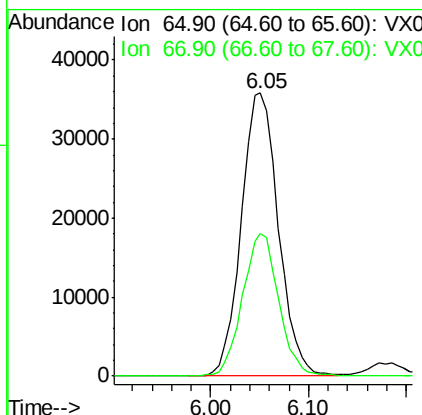
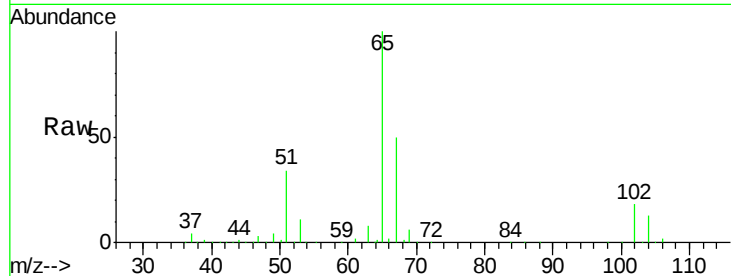
#33
 1,2-Dichloroethane-d4
 Concen: 60.007 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 94614
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 102.0

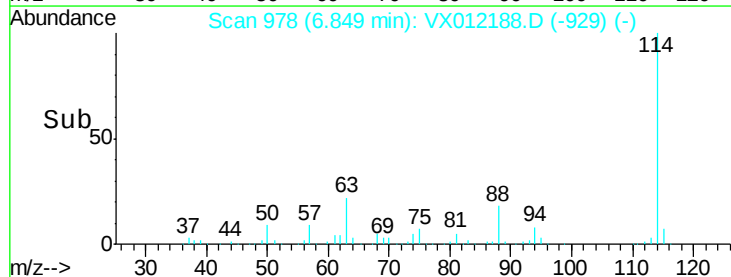
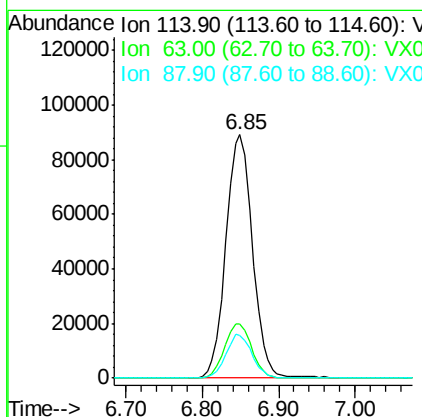
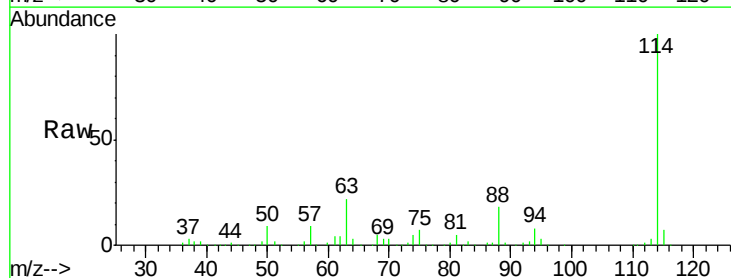
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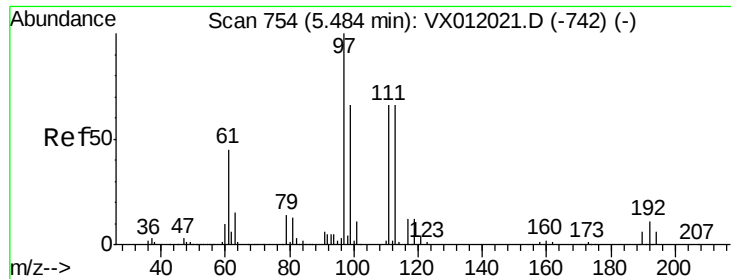
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 114 Resp: 214941
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.4
 88 17.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 55.313 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

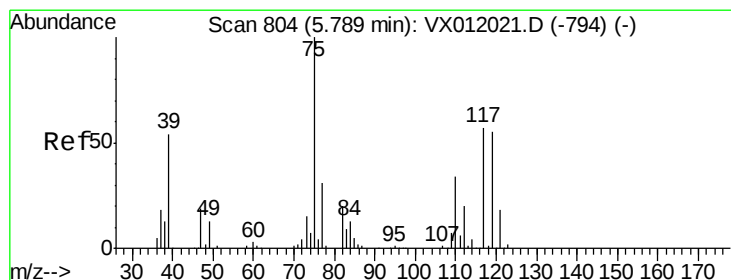
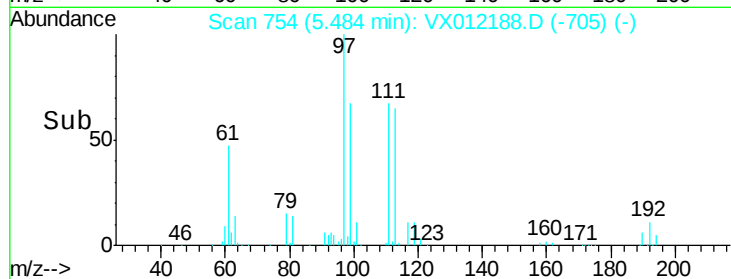
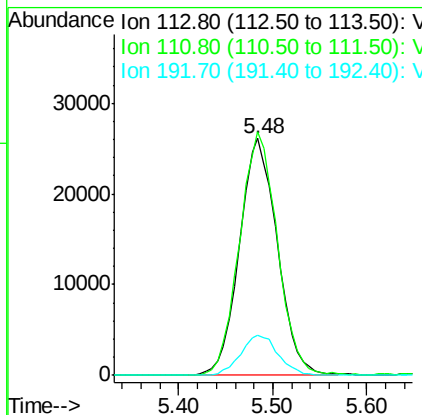
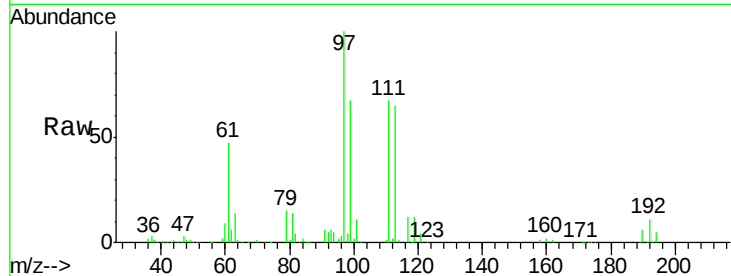
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	73114
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	17.0	22.5	33.7#

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#36

1,1-Dichloropropene

Concen: 53.037 ug/l

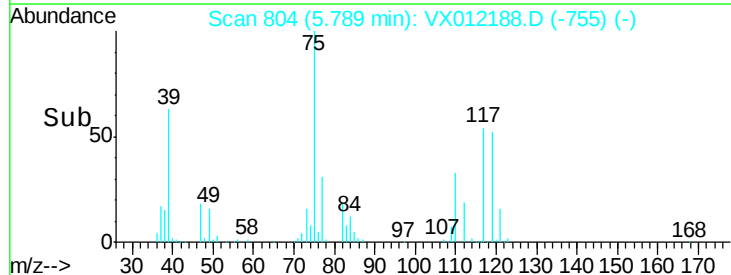
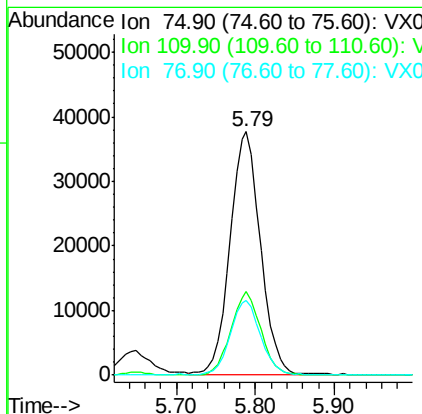
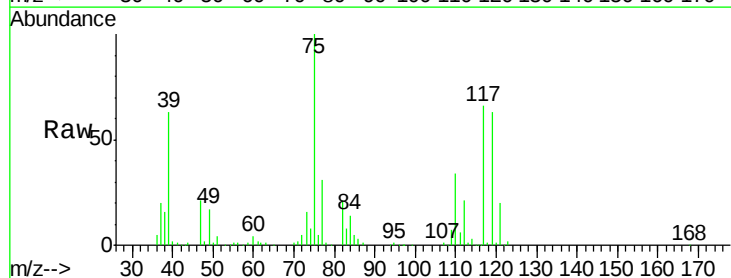
RT: 5.79 min Scan# 804

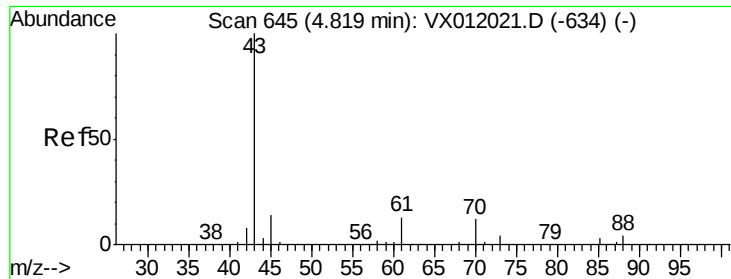
Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion:	75	Resp:	100405
Ion	Ratio	Lower	Upper
75	100		
110	33.8	19.5	58.5
77	30.6	24.6	37.0





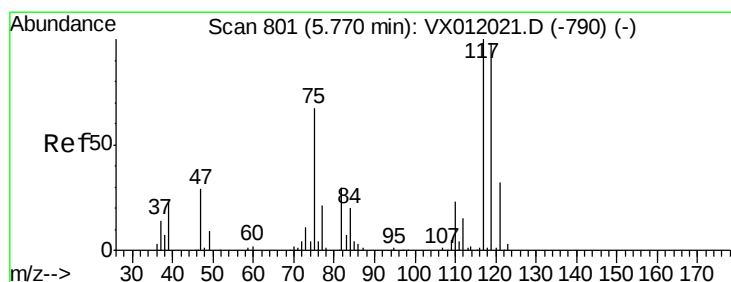
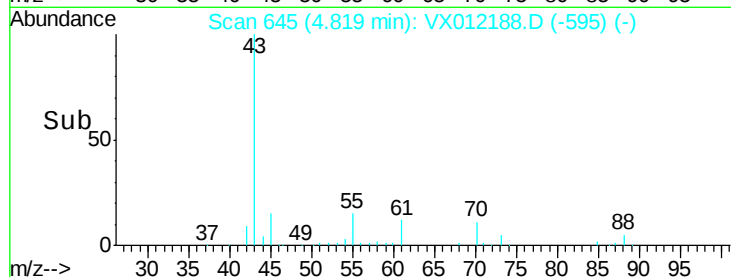
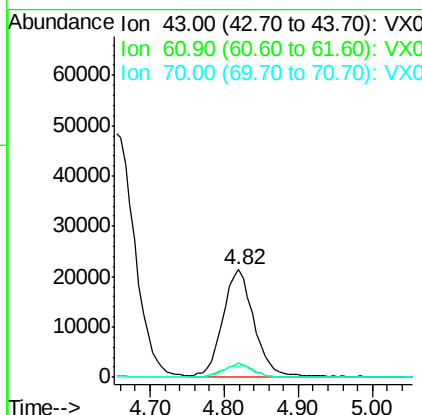
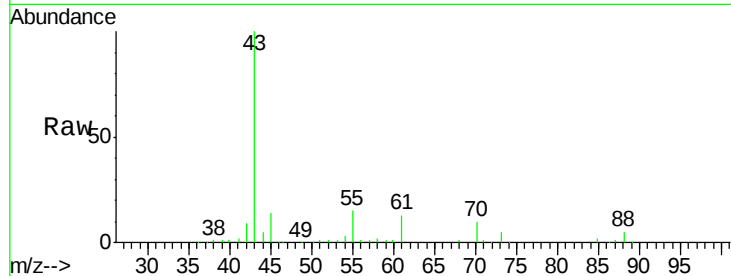
#37
Ethyl Acetate
Concen: 59.913 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	61677
Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.9	16.3
70	11.6	9.4	14.0

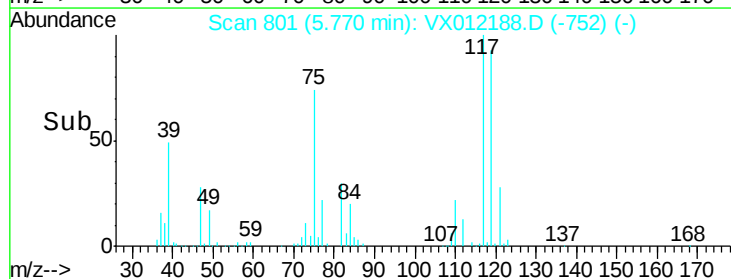
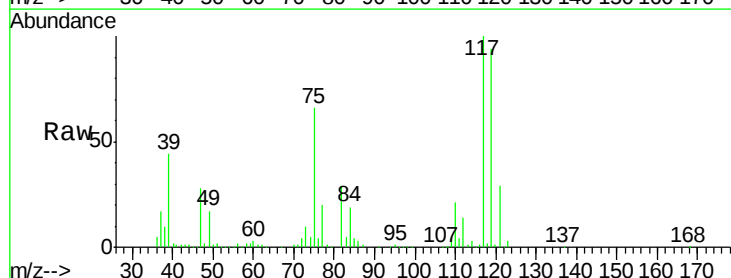
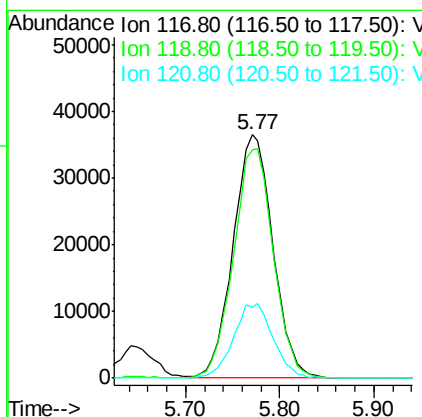
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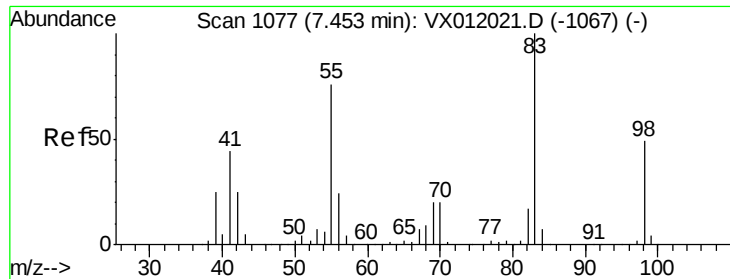
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#38
Carbon Tetrachloride
Concen: 53.687 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion:	117	Resp:	107095
Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.3	117.5
121	29.2	24.2	36.2





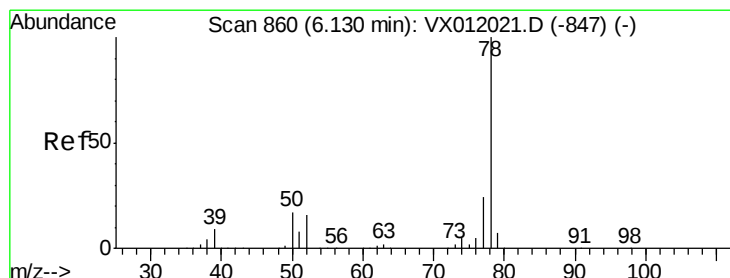
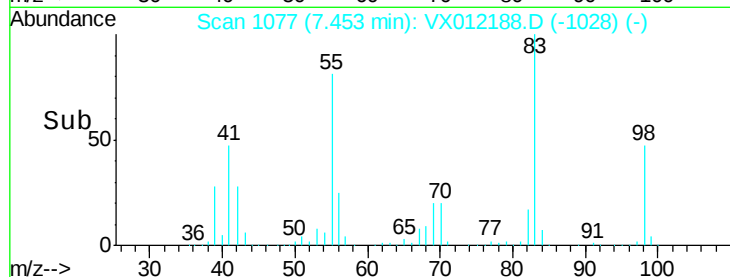
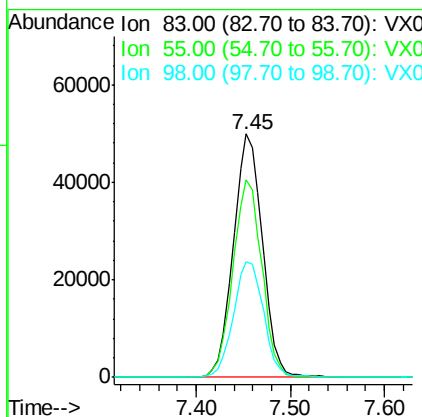
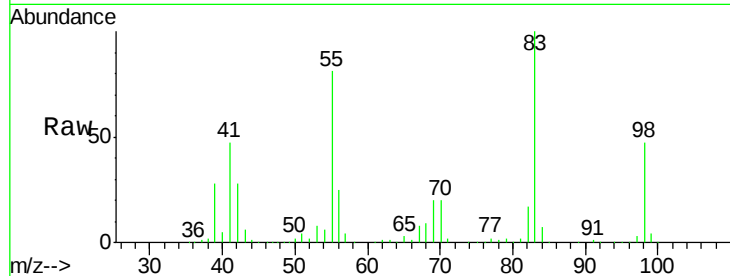
#39
Methvlcvclohexane
Concen: 48.922 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.8	59.6	89.4
98	47.4	41.4	62.0

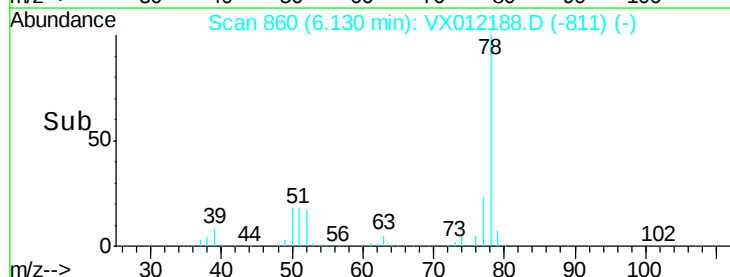
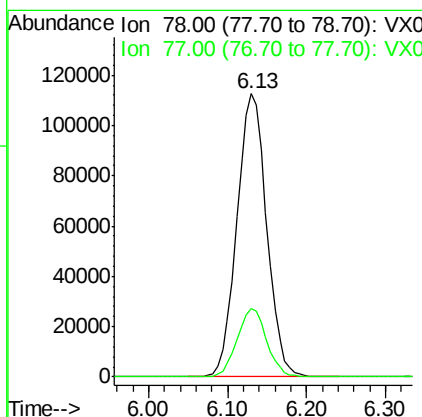
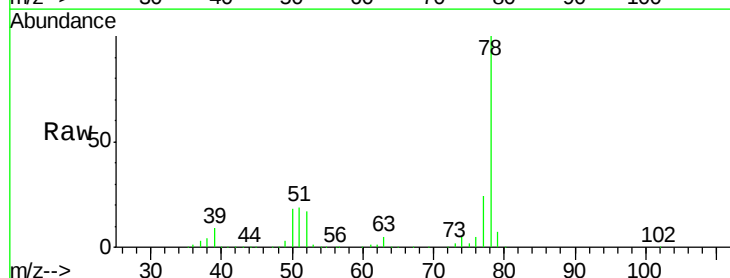
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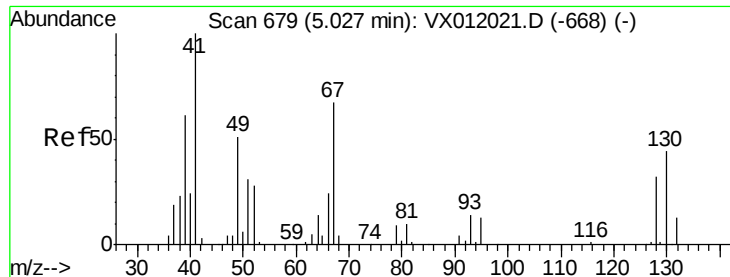
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#40
Benzene
Concen: 54.451 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#41

Methacrylonitrile

Concen: 60.344 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 37046

Ion Ratio Lower Upper

41 100

39 58.0 46.7 70.1

67 65.8 57.0 85.6

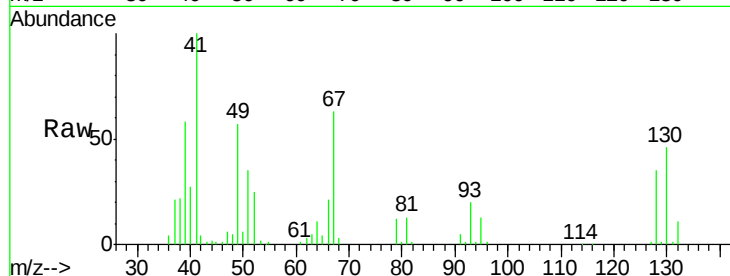
52 30.7 23.5 35.3

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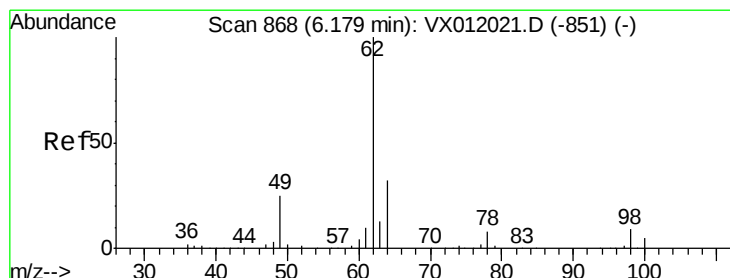
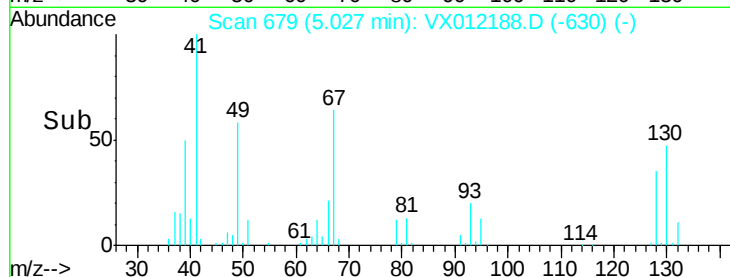
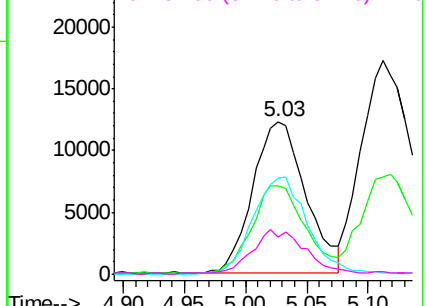


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 60.060 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012188.D

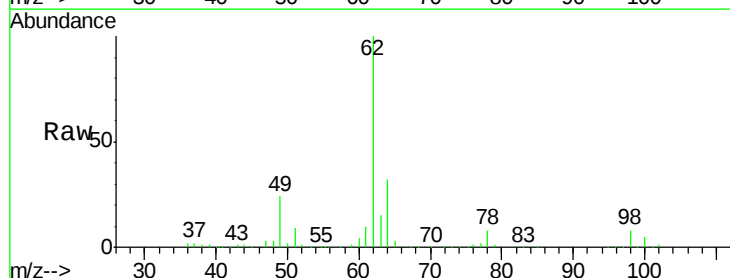
Acq: 07 Sep 2019 20:46

Tgt Ion: 62 Resp: 117462

Ion Ratio Lower Upper

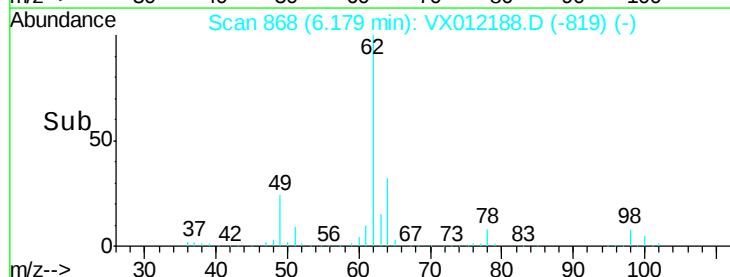
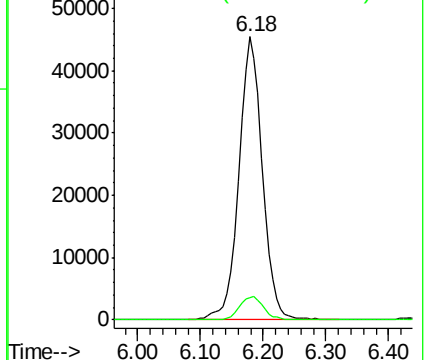
62 100

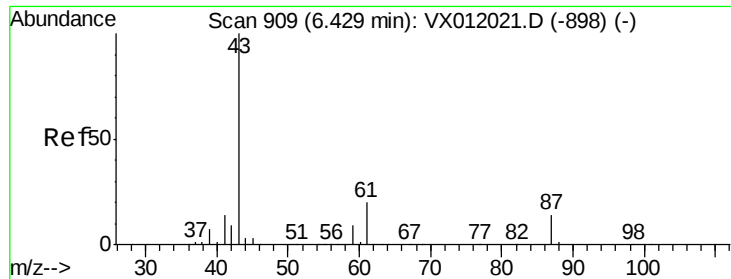
98 8.3 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





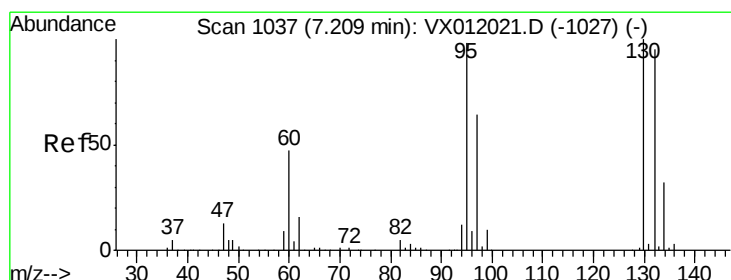
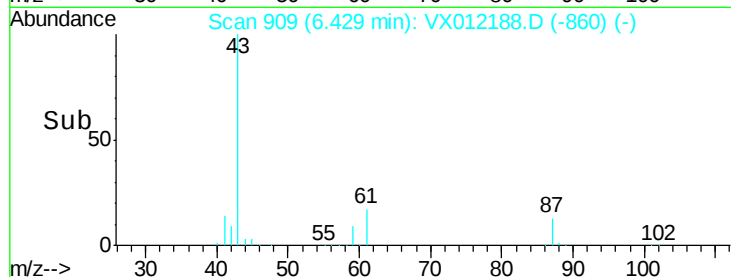
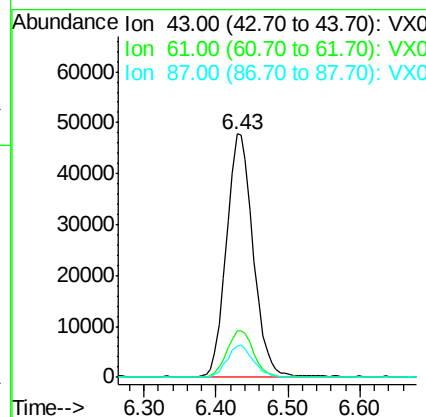
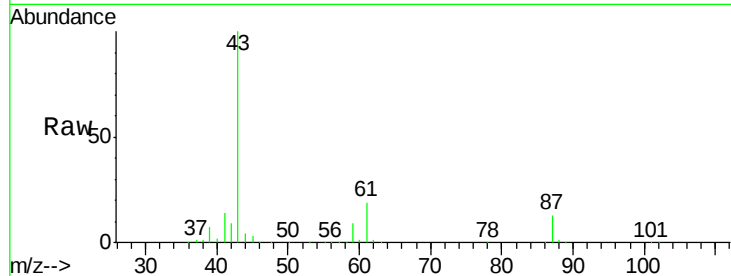
#43
Isopropyl Acetate
Concen: 58.588 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	87
Resp	122636		
Ratio	100	19.4	13.1
Lower		16.1	11.3
Upper		24.1	16.9

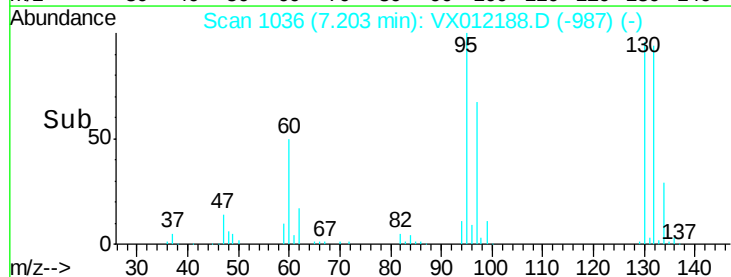
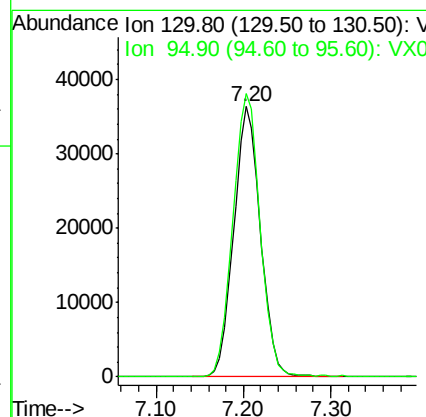
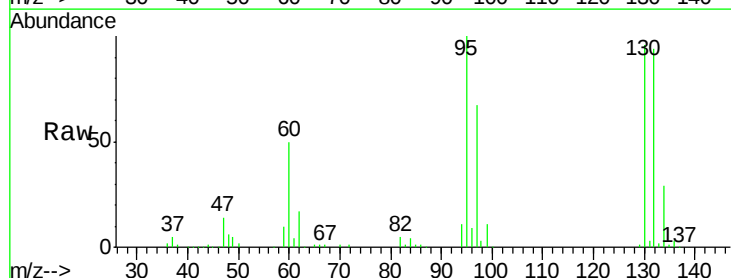
Manual Integrations
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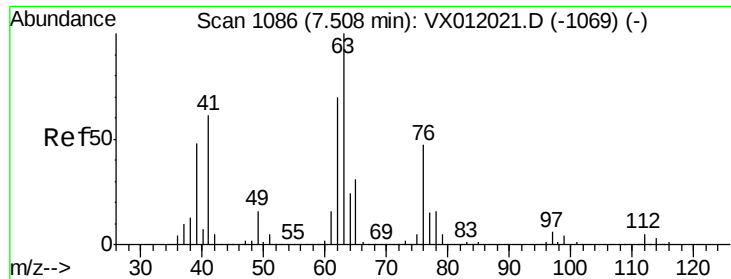
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#44
Trichloroethene
Concen: 52.713 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	130	95
Resp	77269	
Ratio	100	104.7
Lower		0.0
Upper		176.4





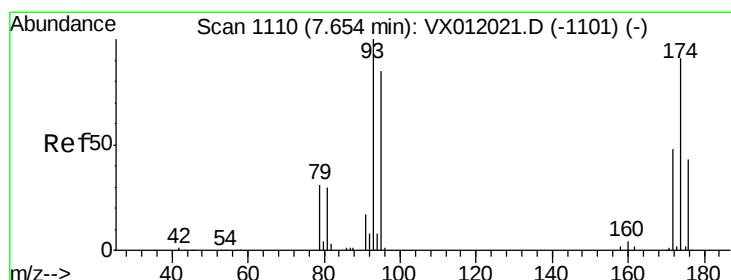
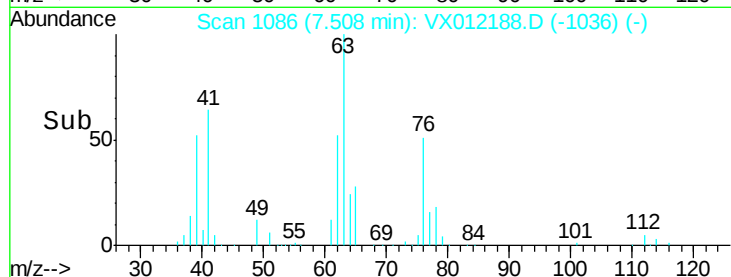
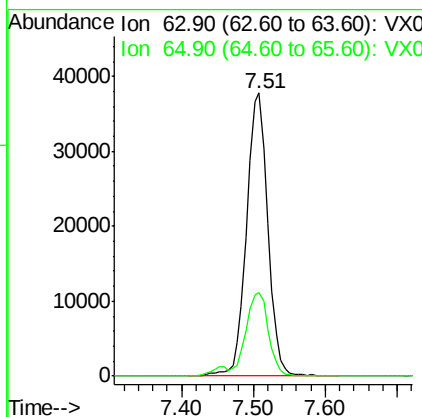
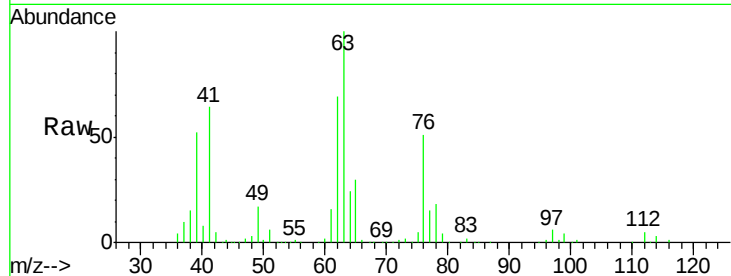
#45
 1,2-Dichloropropane
 Concen: 55.387 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 77771
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.6

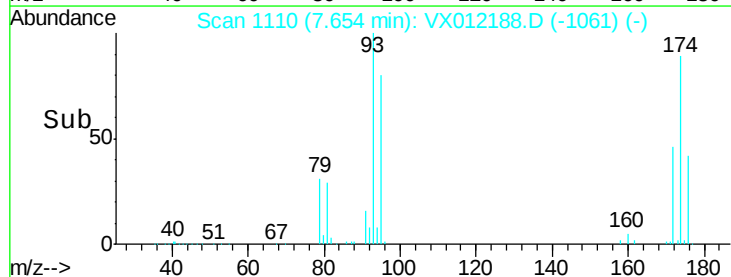
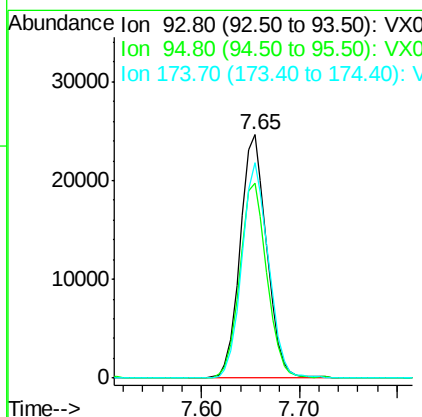
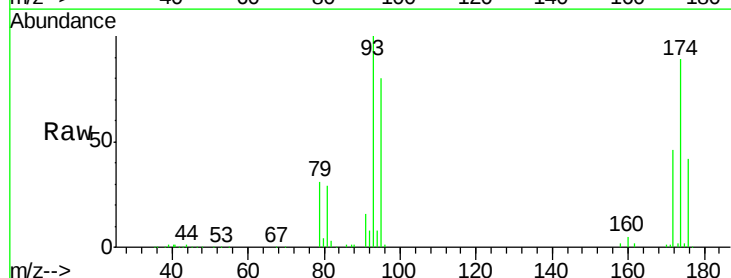
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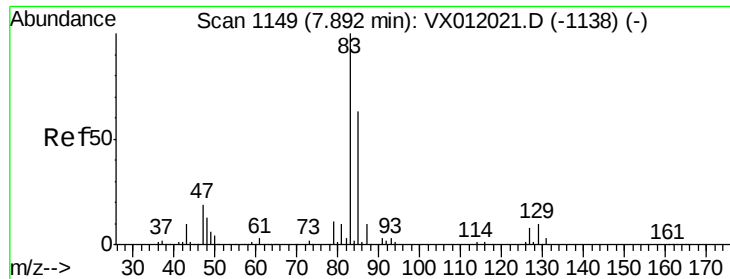
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#46
 Dibromomethane
 Concen: 56.825 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion: 93 Resp: 46578
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.2 99.2
 174 88.3 110.2 165.4#





#47

Bromodichloromethane

Concen: 55.313 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

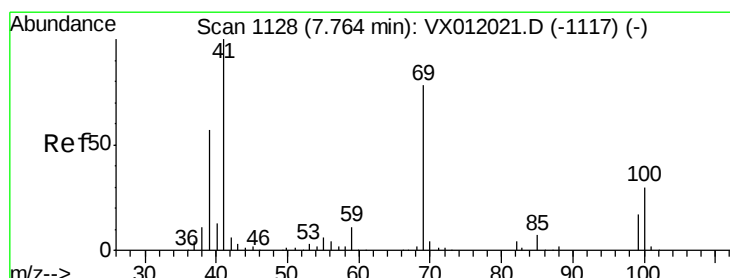
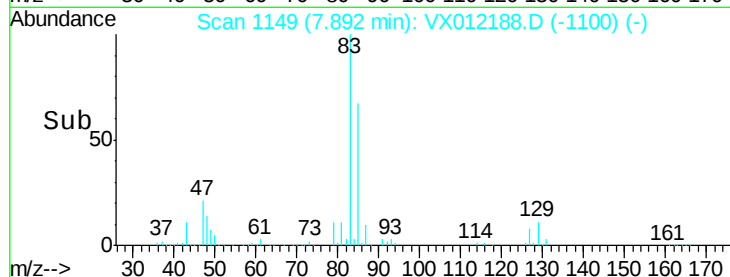
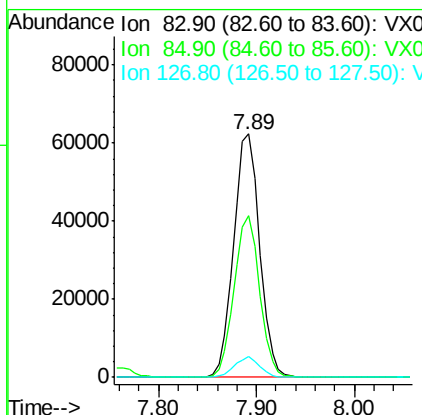
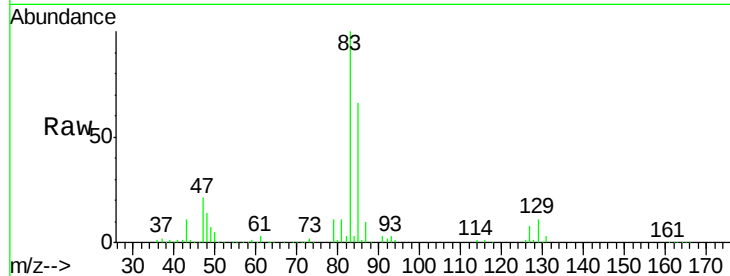
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	115244
Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.3	75.5
127	8.4	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.186 ug/l

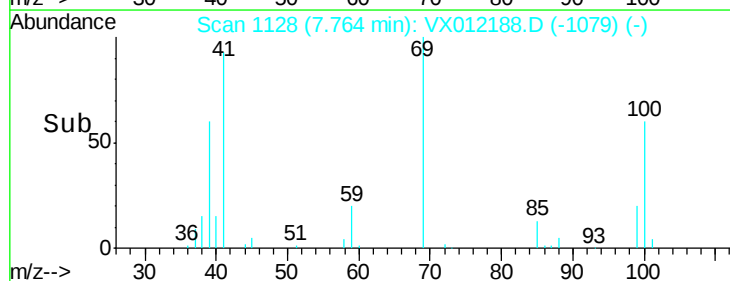
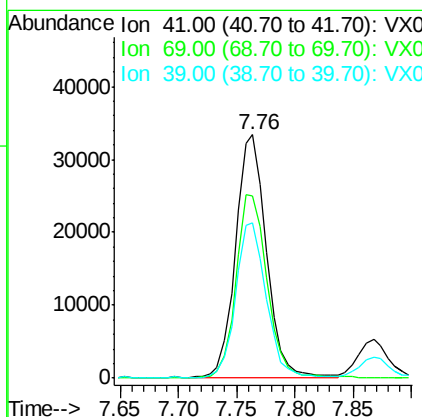
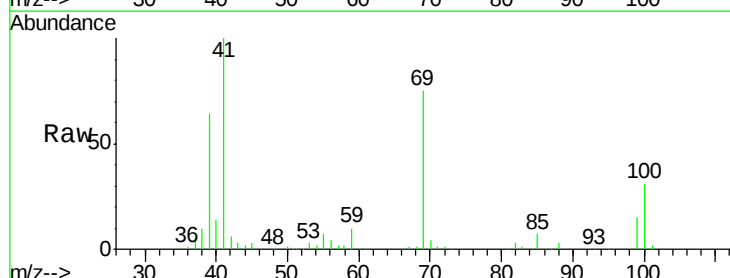
RT: 7.76 min Scan# 1128

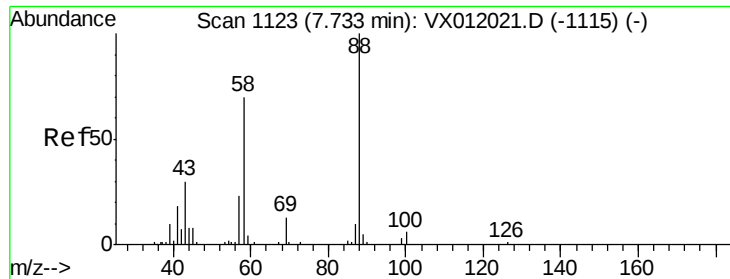
Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion:	41	Resp:	61239
Ion	Ratio	Lower	Upper
41	100		
69	76.9	66.3	99.5
39	64.3	48.1	72.1





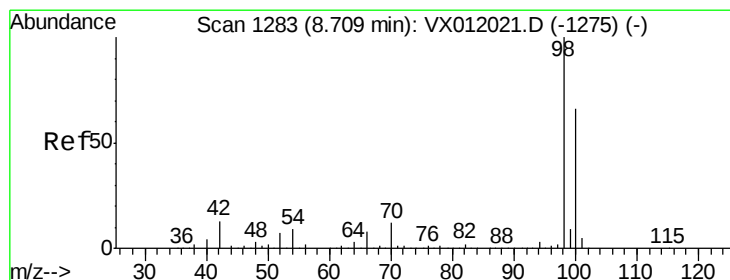
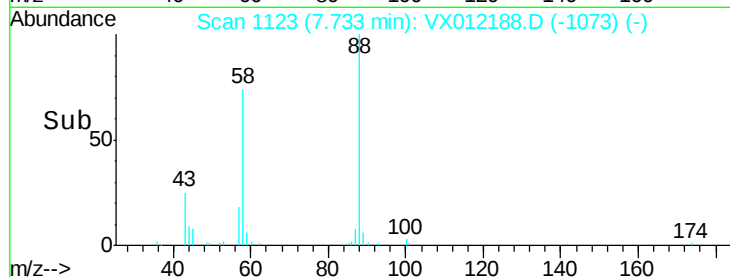
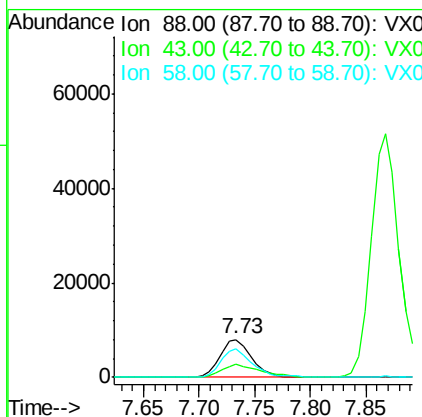
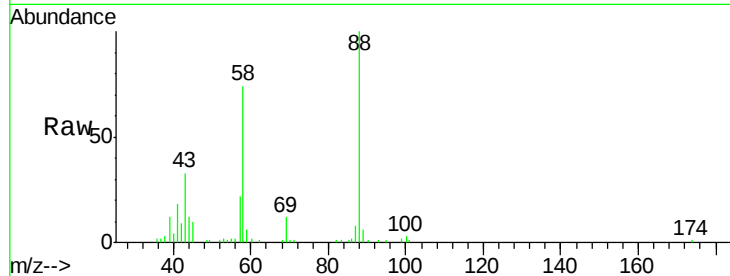
#49
1,4-Dioxane
Concen: 1112.454 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.0	29.8	44.6
58	74.9	55.4	83.2

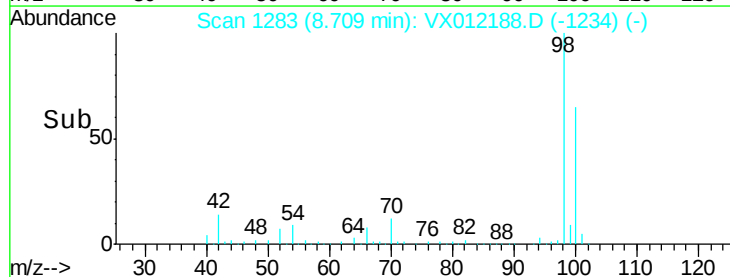
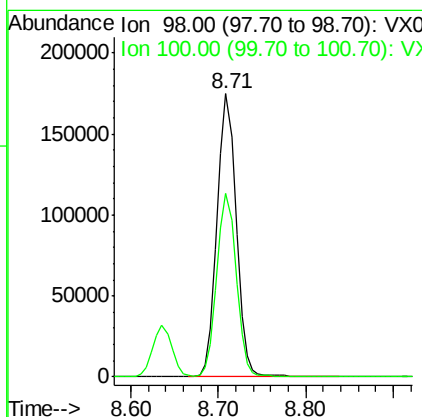
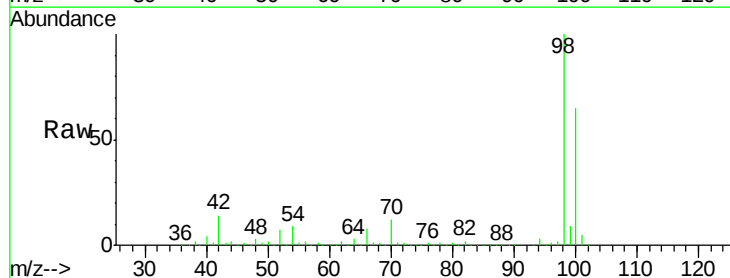
Manual Integrations
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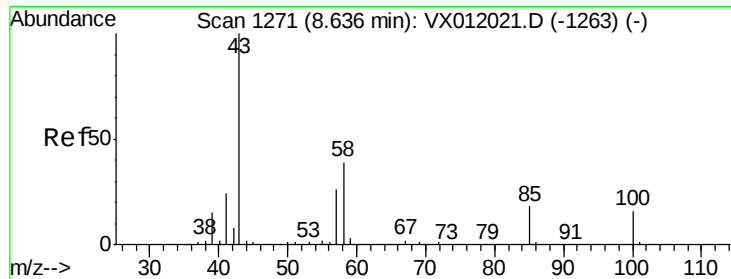
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#50
Toluene-d8
Concen: 55.002 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 291.727 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 310597

Ion Ratio Lower Upper

43 100

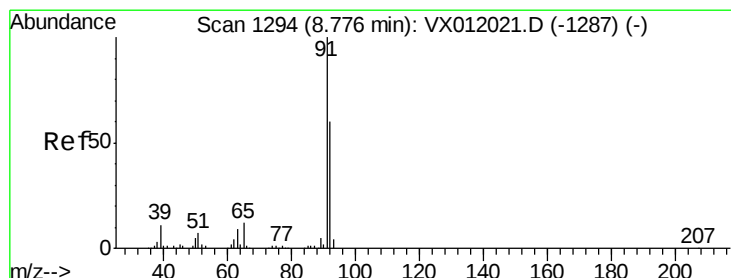
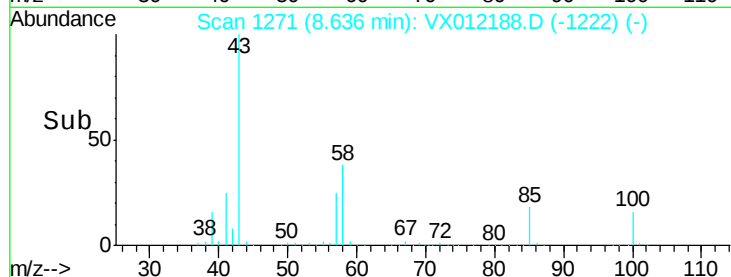
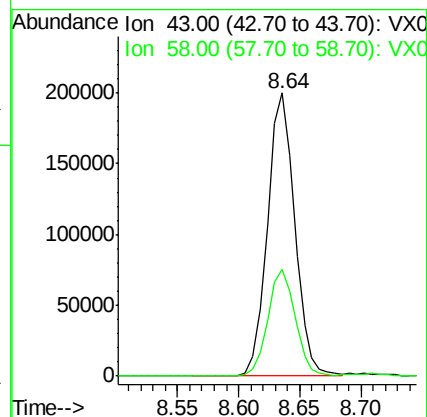
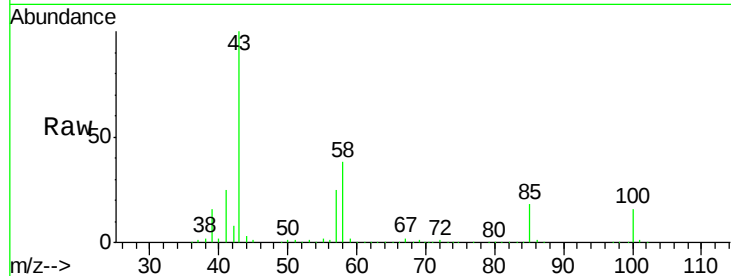
58 37.9 31.5 47.3

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#52

Toluene

Concen: 54.440 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012188.D

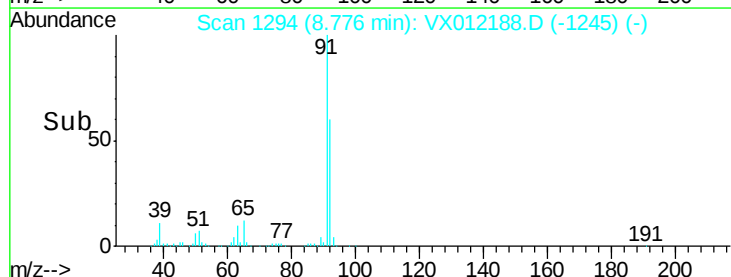
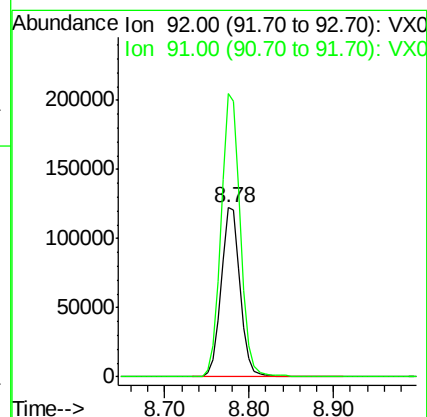
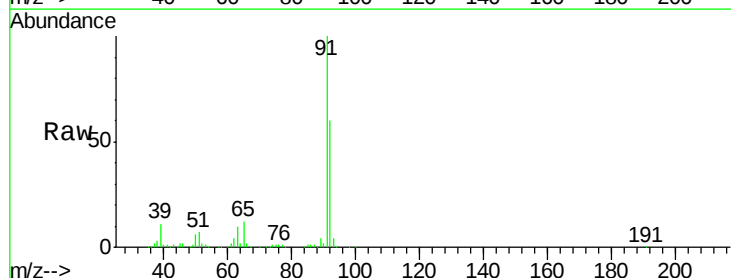
Acq: 07 Sep 2019 20:46

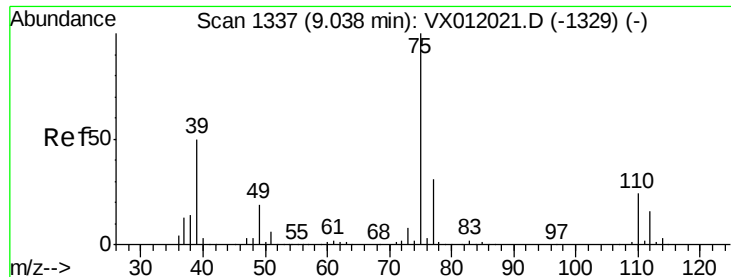
Tgt Ion: 92 Resp: 192503

Ion Ratio Lower Upper

92 100

91 169.1 136.0 204.0





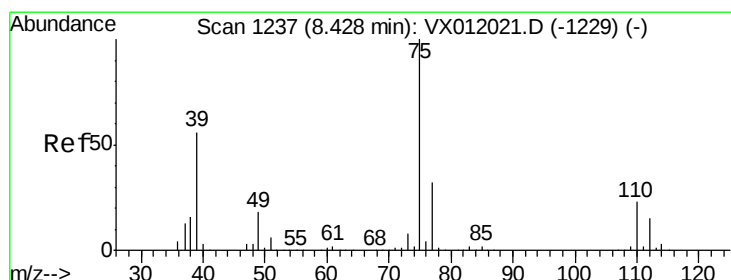
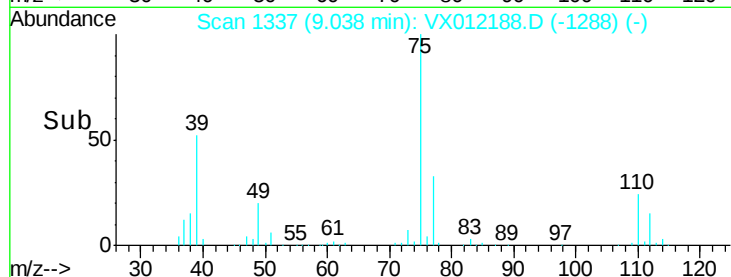
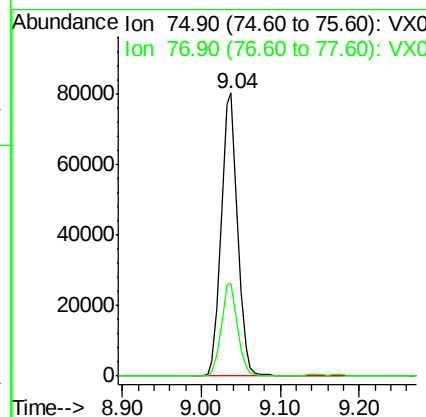
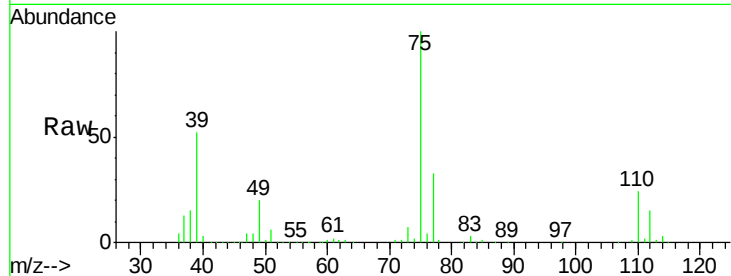
#53
t-1,3-Dichloropropene
Concen: 53.873 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 116206
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7

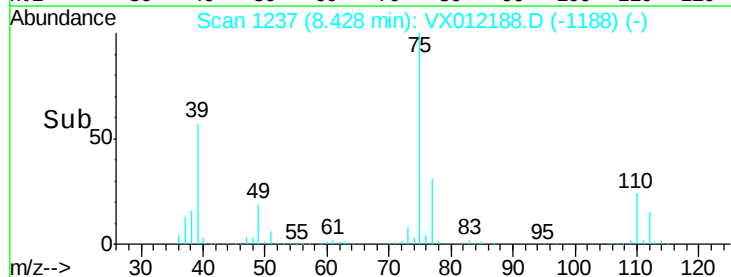
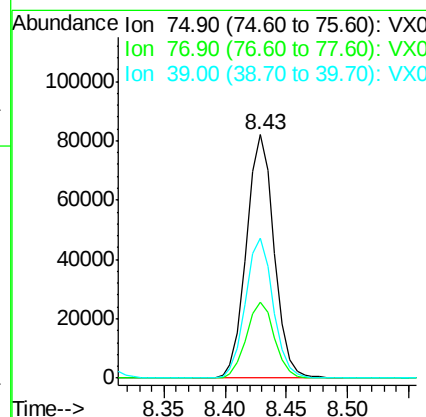
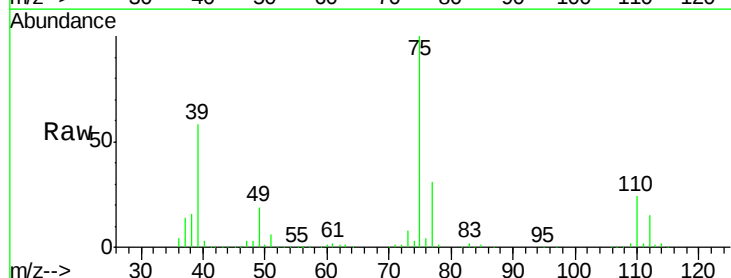
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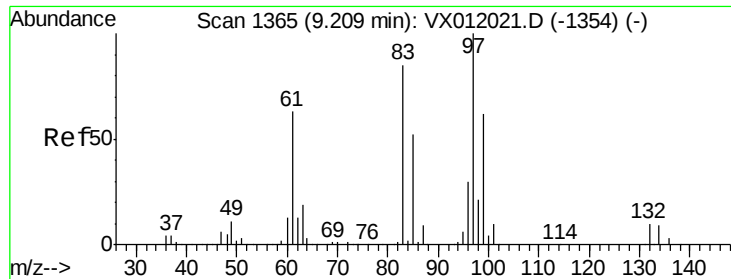
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#54
cis-1,3-Dichloropropene
Concen: 53.858 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion: 75 Resp: 129189
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 57.3 43.0 64.4





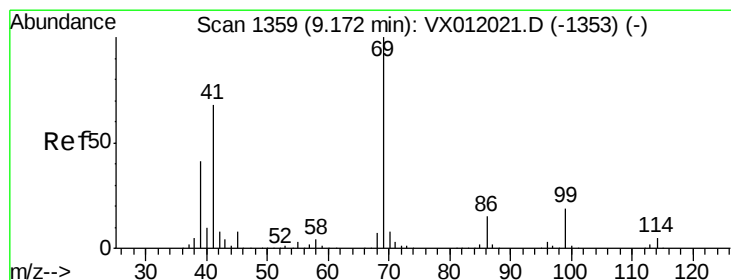
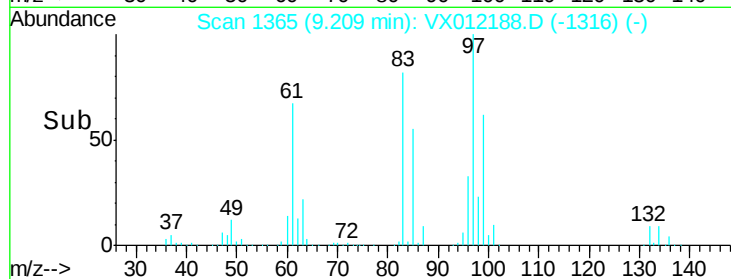
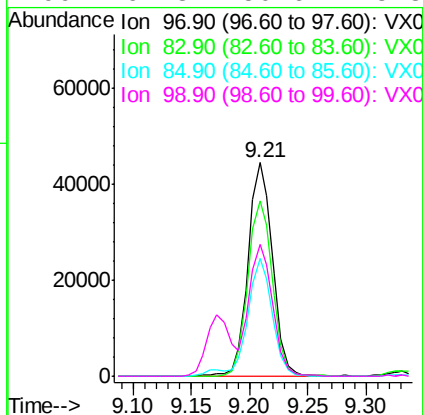
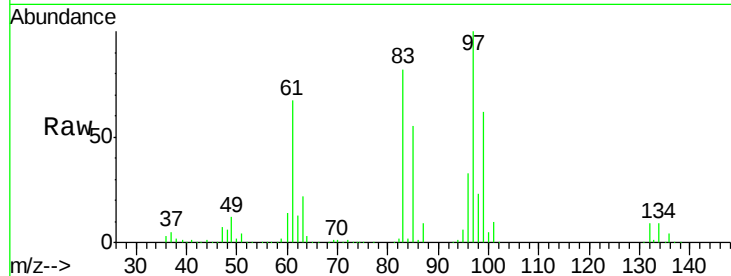
#55
 1,1,2-Trichloroethane
 Concen: 55.759 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	65342
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.0	99.0
85	55.0	41.0	61.6
99	61.8	50.6	75.8

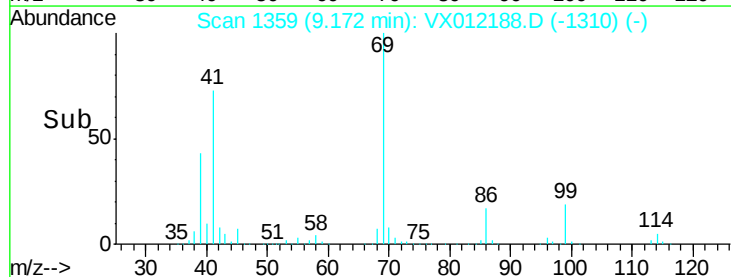
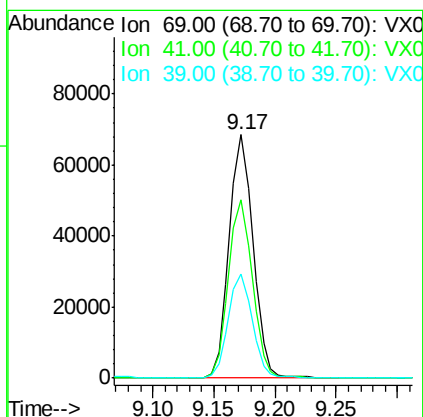
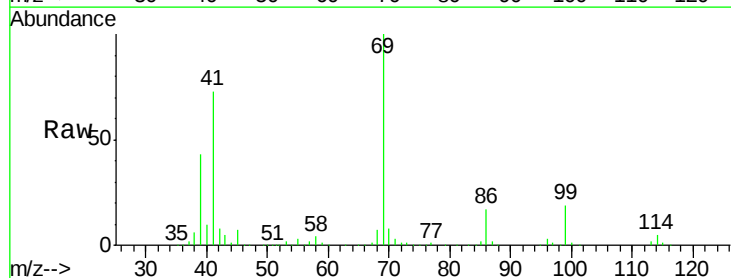
Manual Integrations
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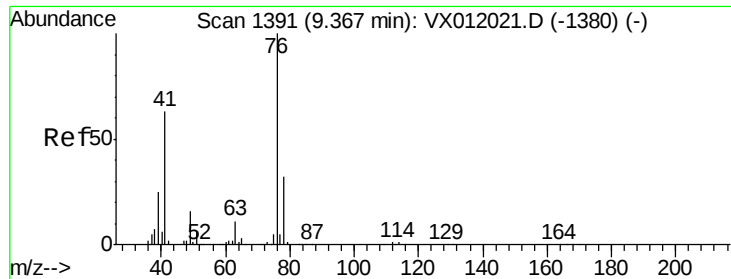
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 9/9/2019 9:19:05 AM



#56
 Ethyl methacrylate
 Concen: 55.632 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion:	69	Resp:	93381
Ion	Ratio	Lower	Upper
69	100		
41	73.1	53.9	80.9
39	42.5	31.1	46.7





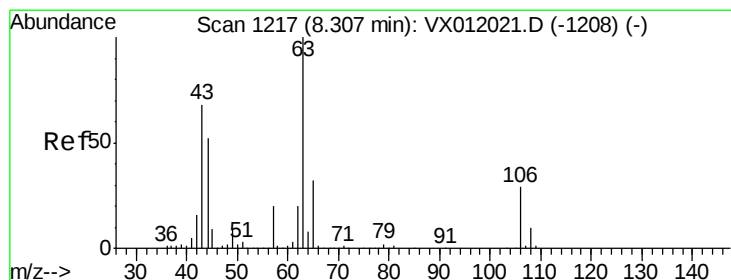
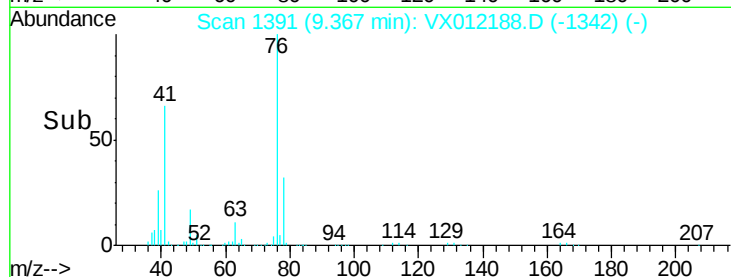
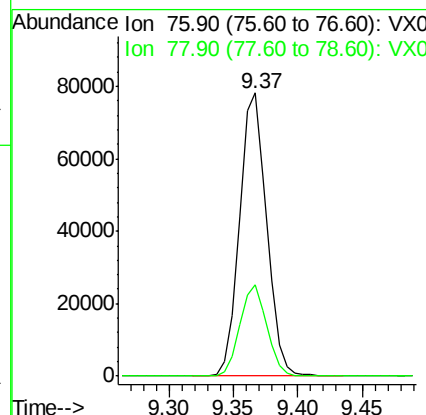
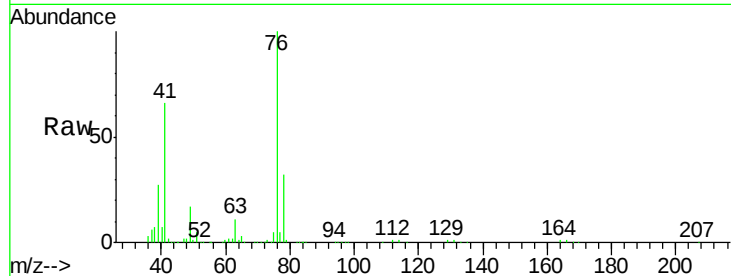
#57
 1,3-Dichloropropane
 Concen: 56.356 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

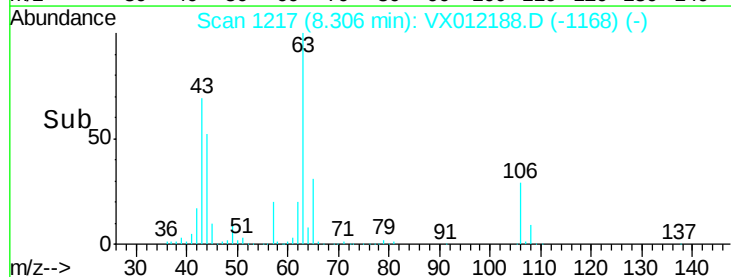
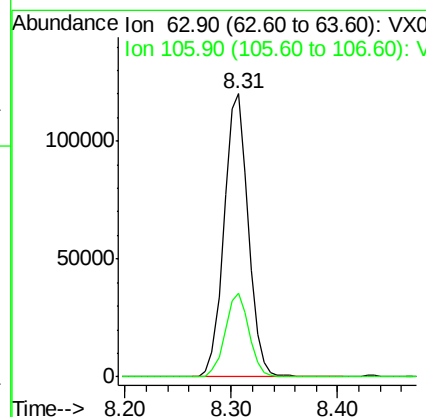
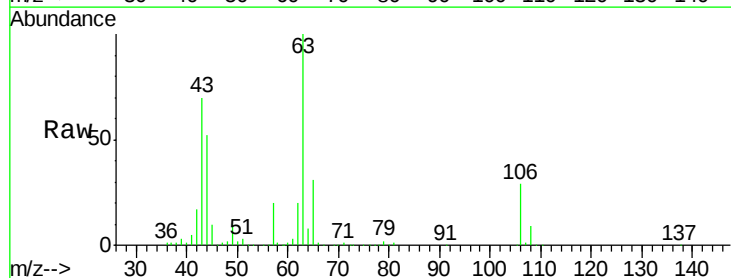
Manual Integrations
 APPROVED

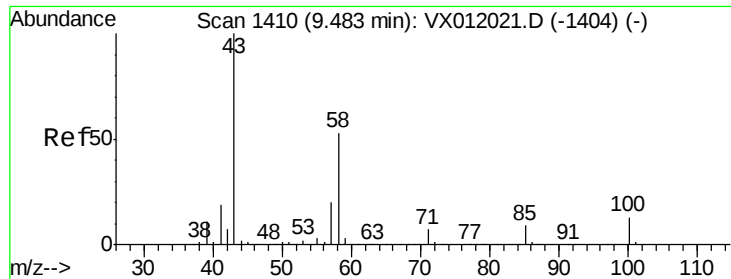
MMDadoda
 9/9/2019 9:19:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.627 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	26.5	39.7





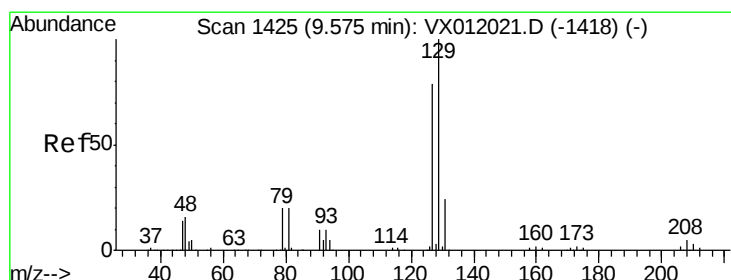
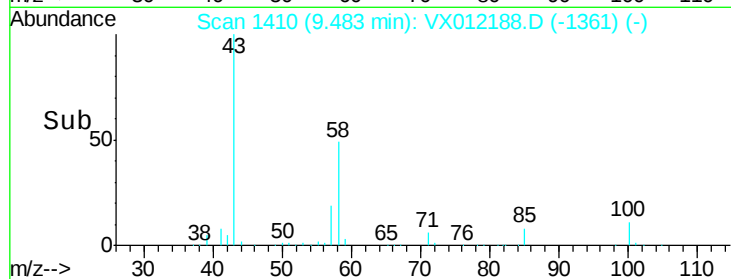
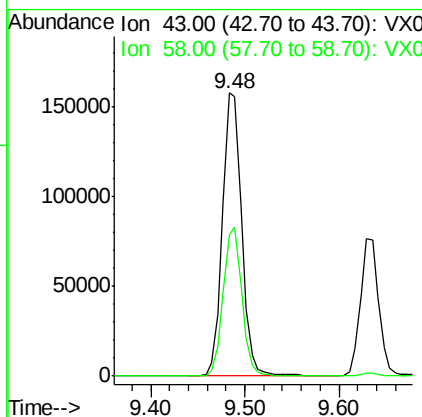
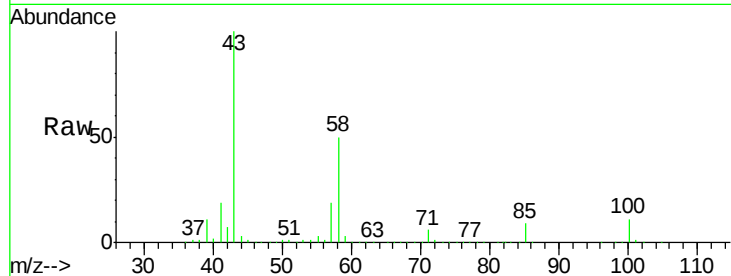
#59
2-Hexanone
Concen: 287.417 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	27.2	81.6

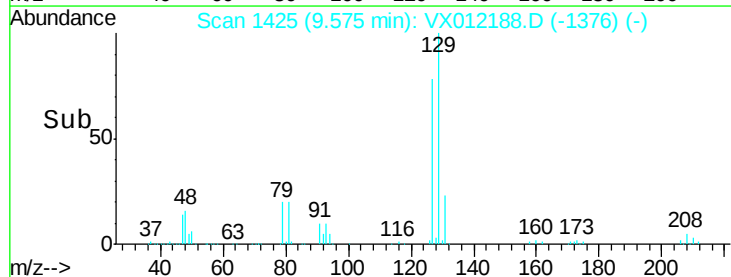
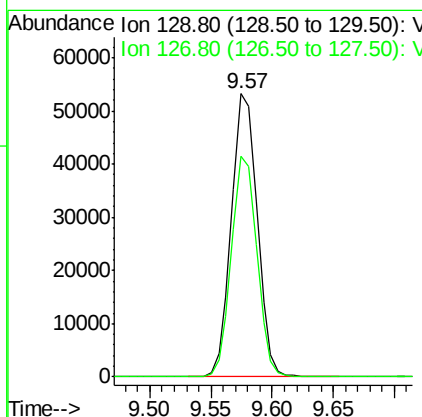
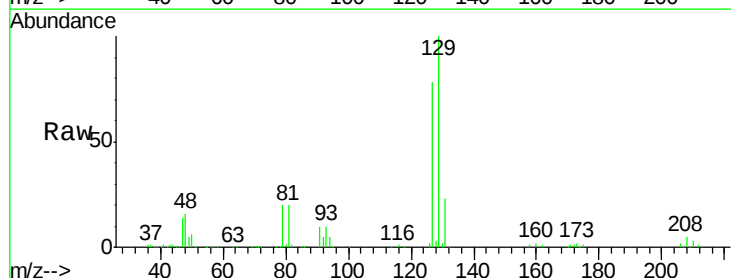
Manual Integrations
APPROVED

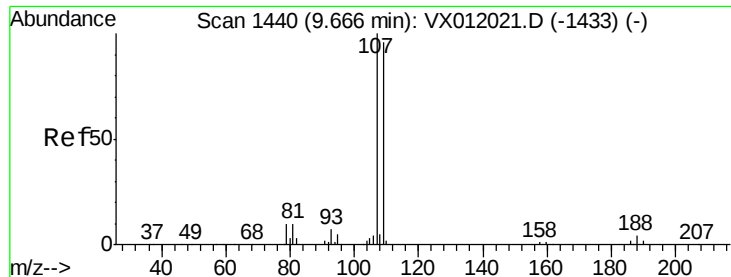
MMDadoda
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#60
Dibromochloromethane
Concen: 55.648 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.1	114.5





#61

1,2-Dibromoethane

Concen: 56.190 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 63627

Ion Ratio Lower Upper

107 100

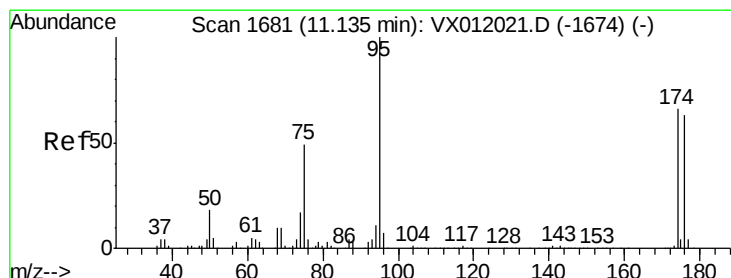
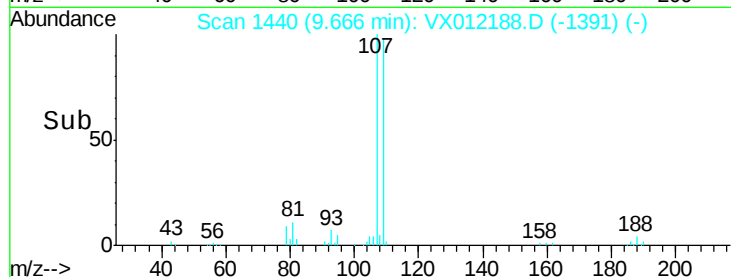
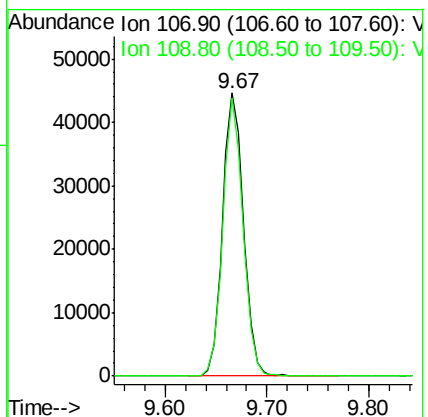
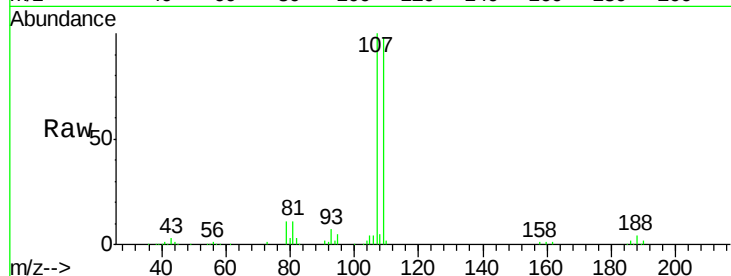
109 95.3 76.9 115.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.762 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

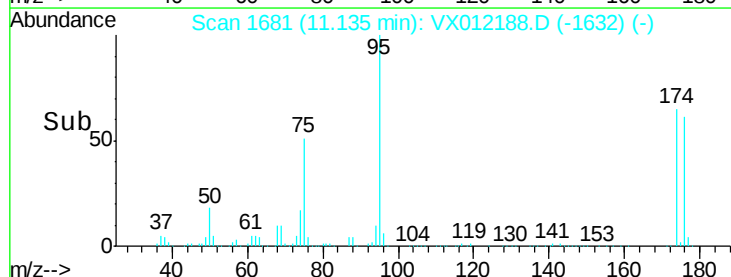
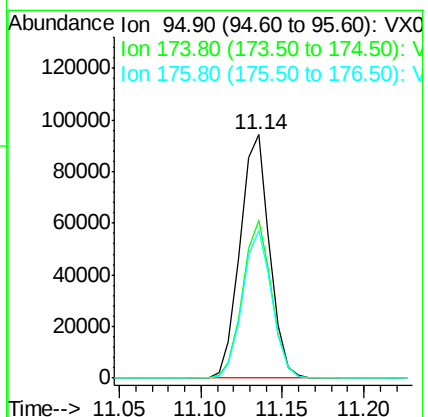
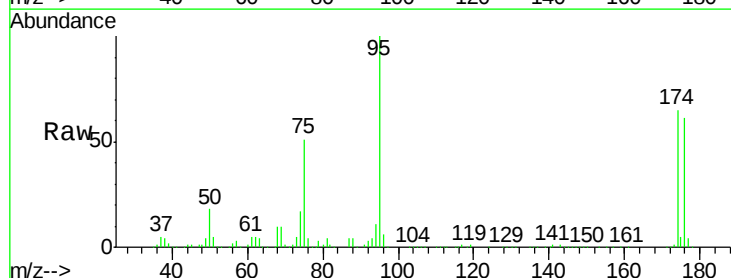
Tgt Ion: 95 Resp: 119018

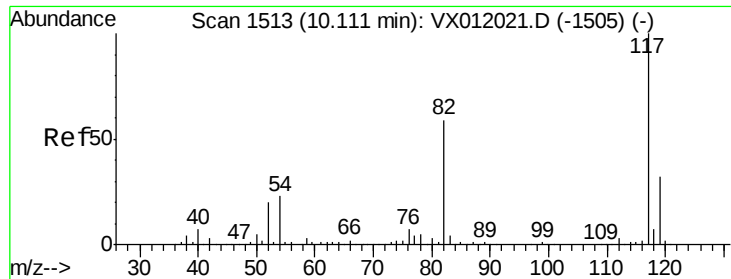
Ion Ratio Lower Upper

95 100

174 63.9 0.0 205.4

176 60.2 0.0 201.8





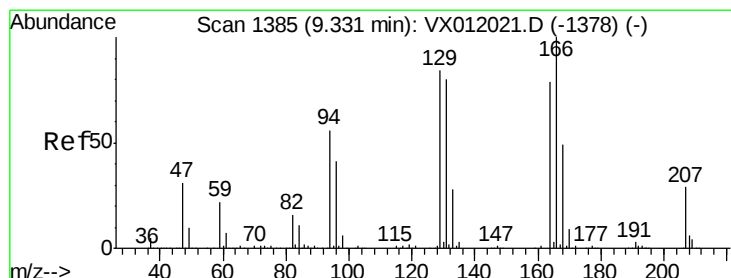
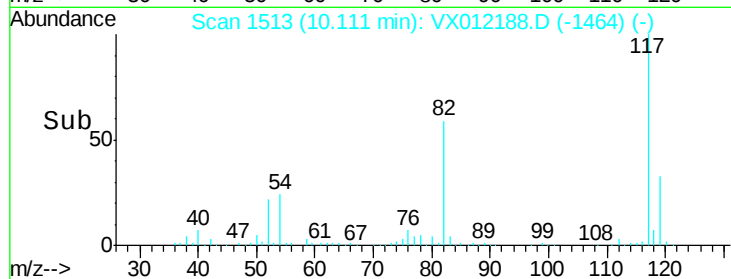
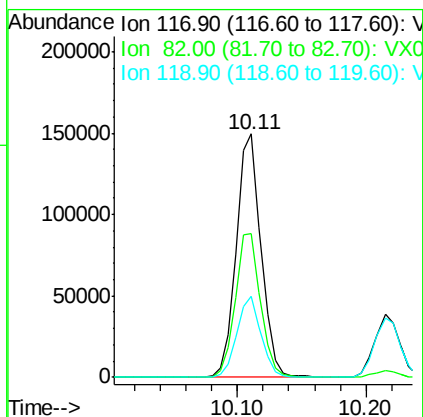
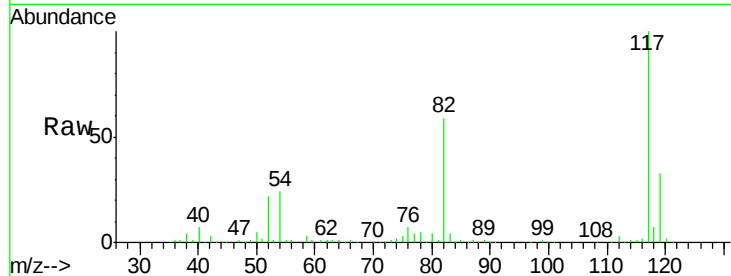
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	199690		
82	59.0	39.4	59.0	
119	33.3	26.1	39.1	

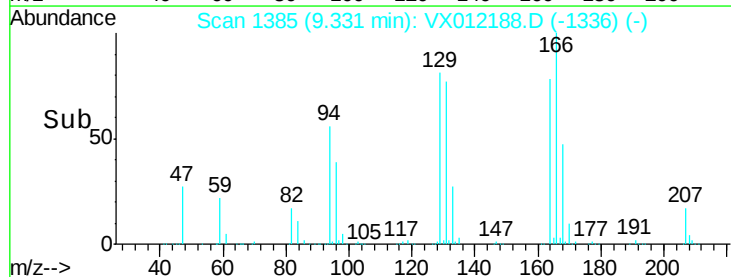
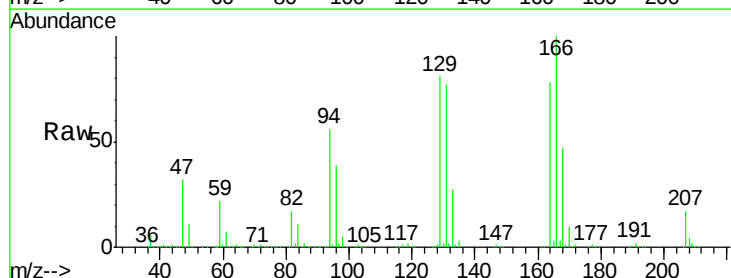
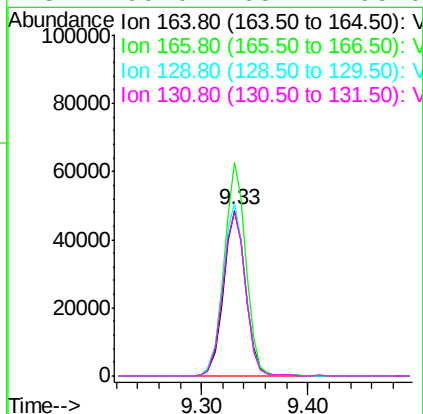
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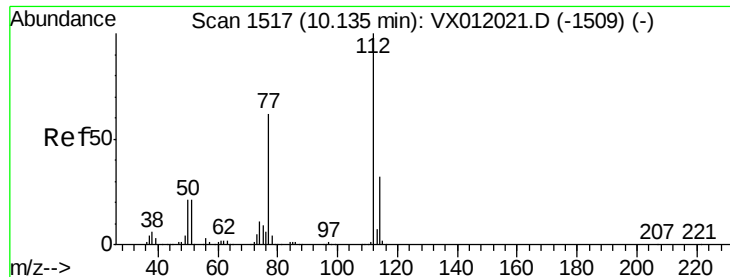
MMDadoda
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#64
Tetrachloroethene
Concen: 56.606 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70472		
166	129.0	104.3	156.5	
129	104.7	68.3	102.5#	
131	99.0	65.4	98.0#	





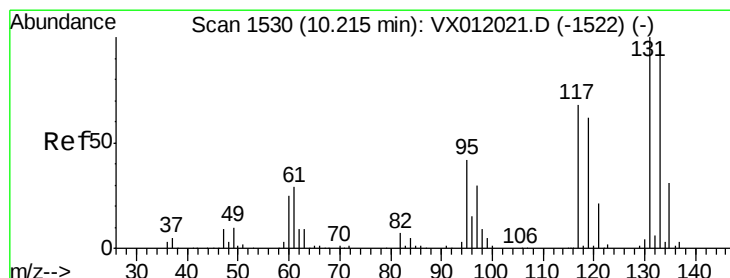
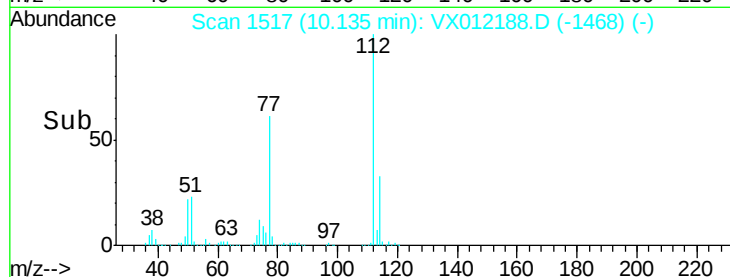
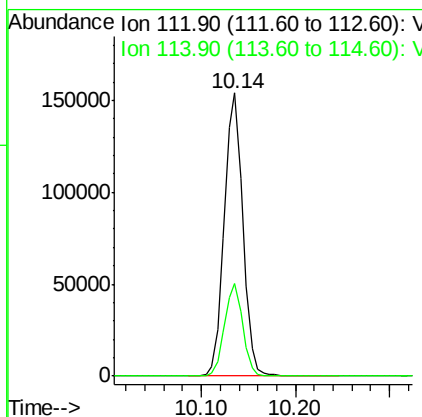
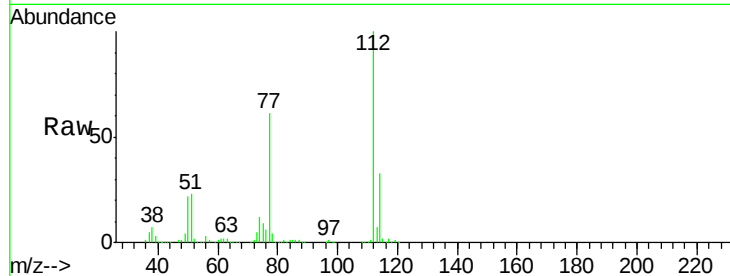
#65
Chlorobenzene
Concen: 53.467 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.2	39.2

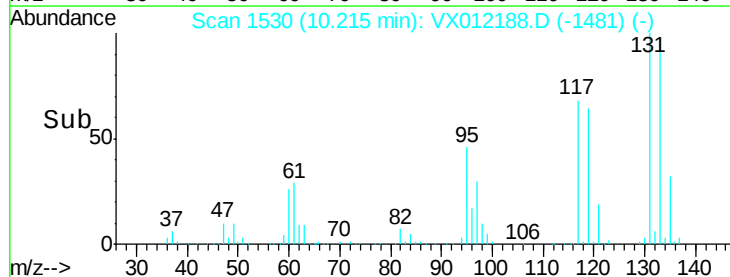
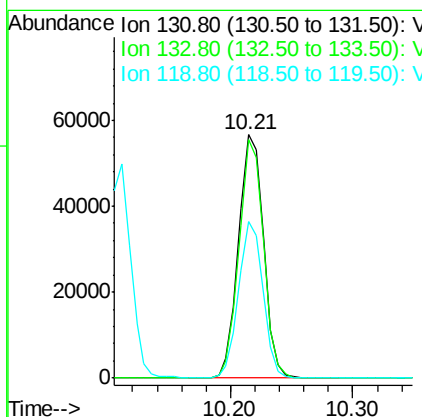
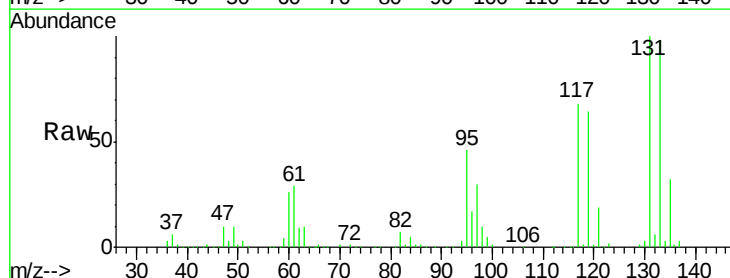
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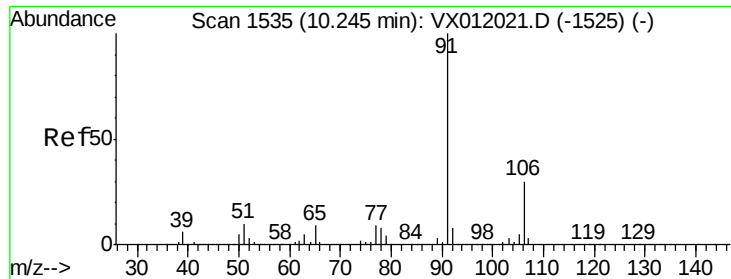
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.422 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.4	145.0
119	62.9	30.5	91.5





#67

Ethyl Benzene

Concen: 52.906 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 379967

Ion Ratio Lower Upper

91 100

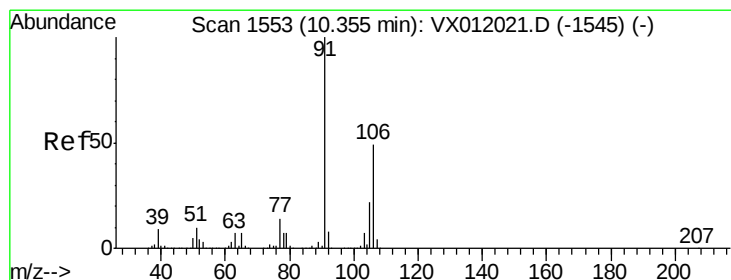
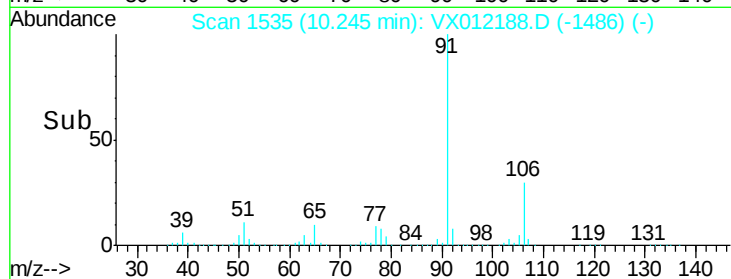
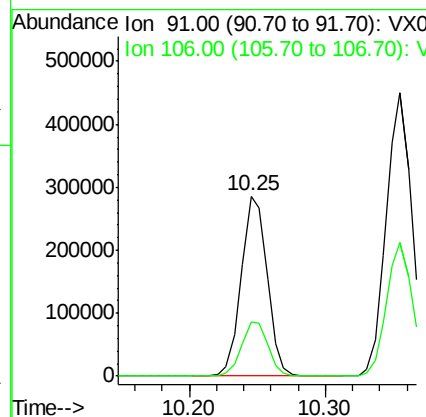
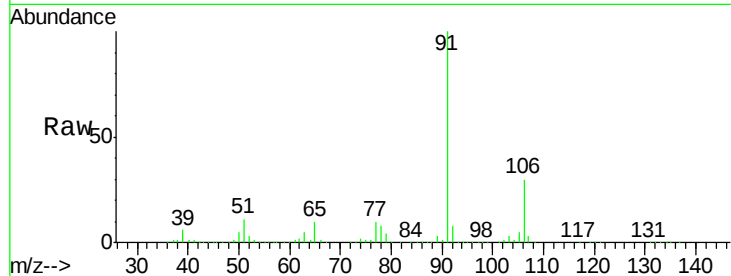
106 30.5 25.8 38.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 106.706 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012188.D

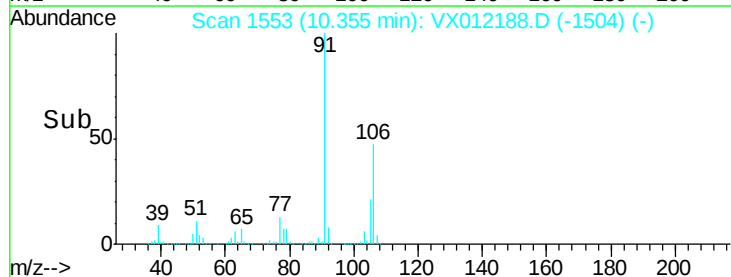
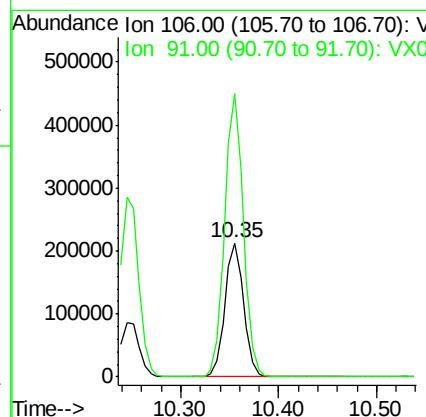
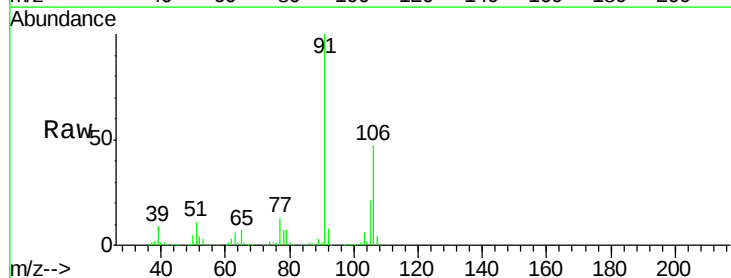
Acq: 07 Sep 2019 20:46

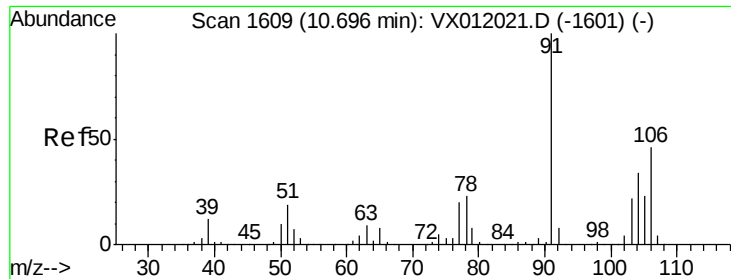
Tgt Ion: 106 Resp: 282354

Ion Ratio Lower Upper

106 100

91 211.2 157.5 236.3





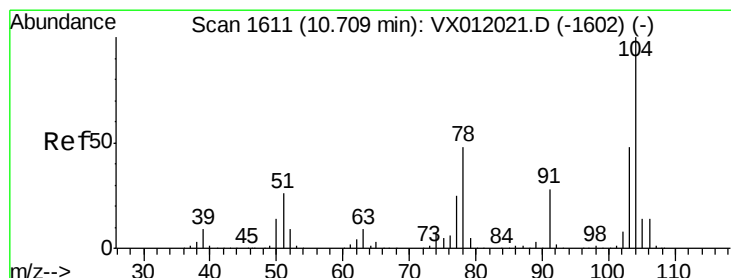
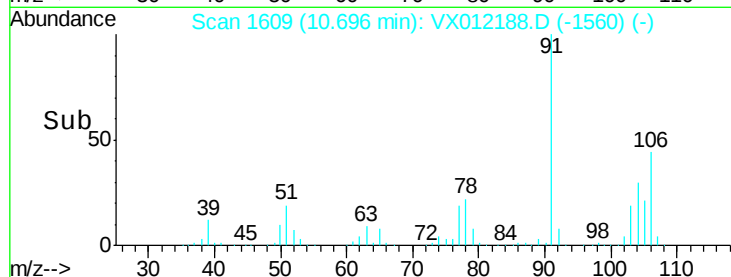
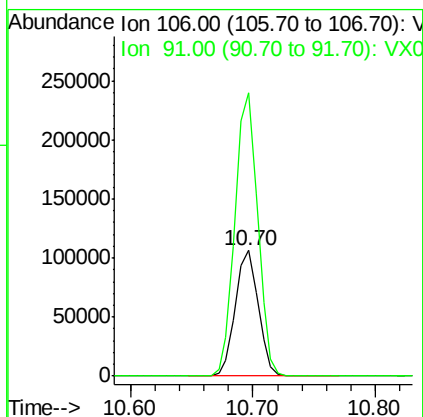
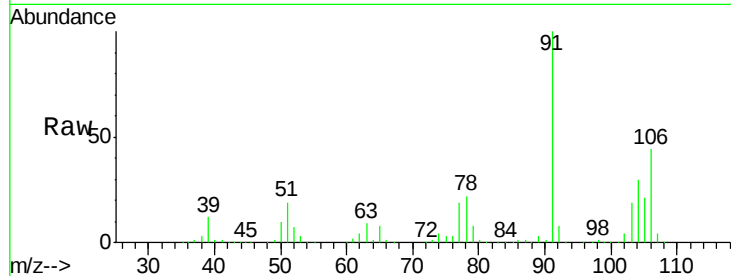
#69
o-Xylene
Concen: 53.546 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	223.5	103.5	310.3		

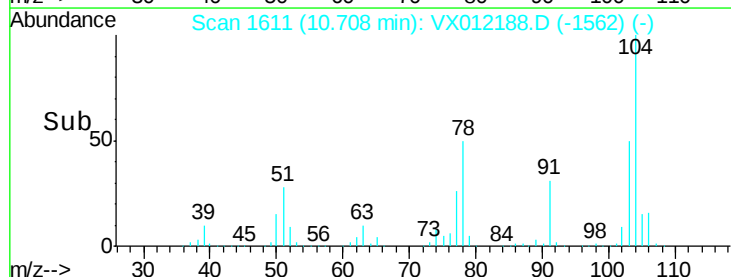
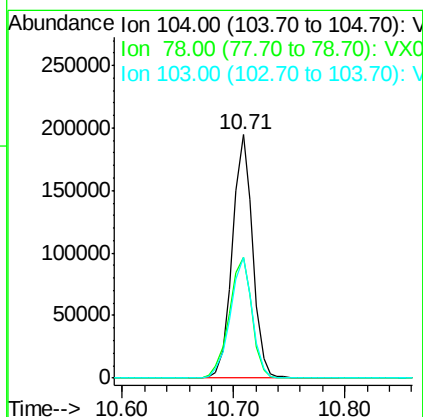
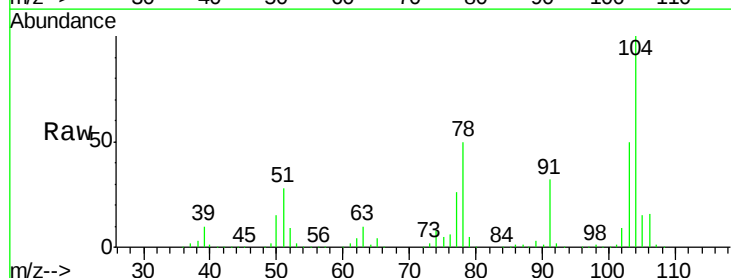
Manual Integrations
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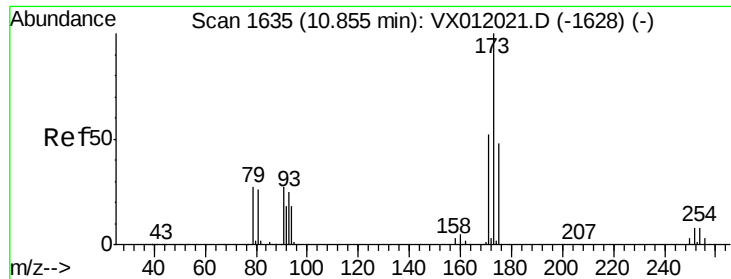
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#70
Styrene
Concen: 54.678 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	56.1	39.1	58.7		
103	53.7	43.4	65.2		





#71

Bromoform

Concen: 54.093 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

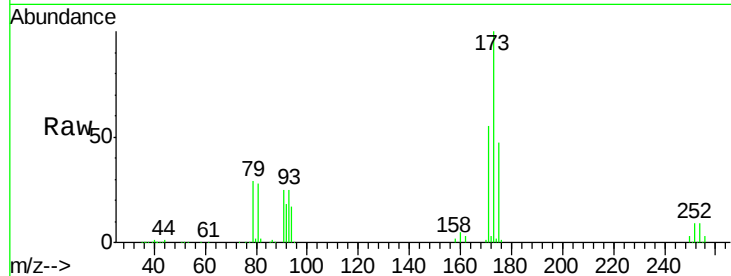
ClientSampleId :

VSTDCCC050EC

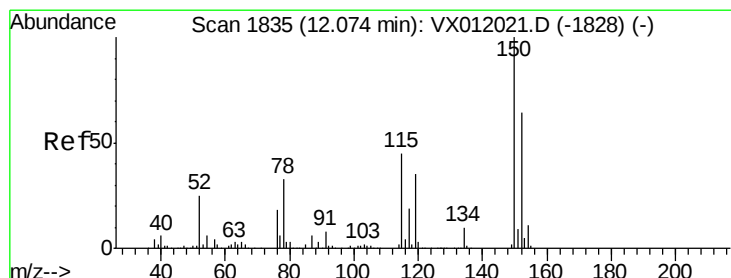
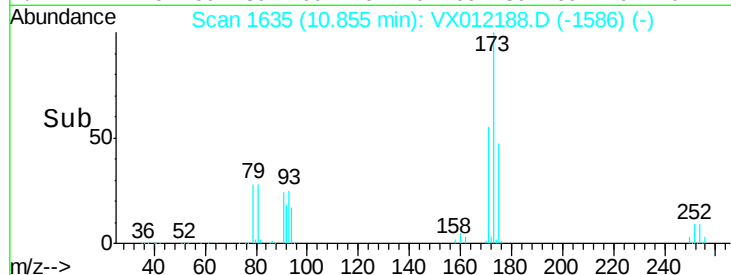
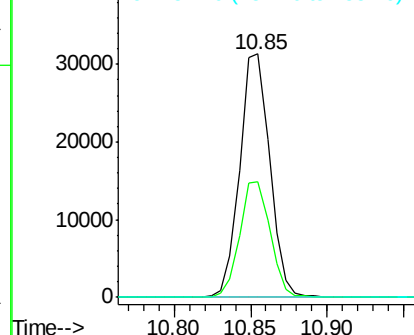
Tot Ion:173	Resp:	42803
Ion Ratio	Lower	Upper
173 100		
175 48.3	24.9	74.7
254 0.1	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

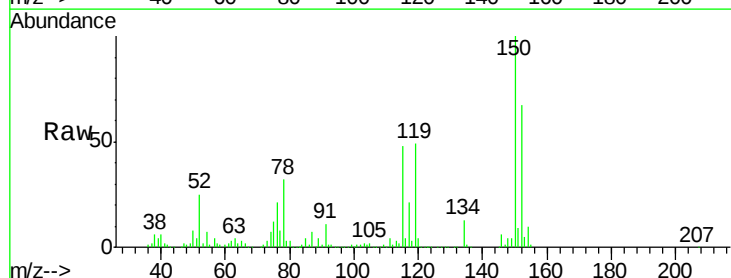
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

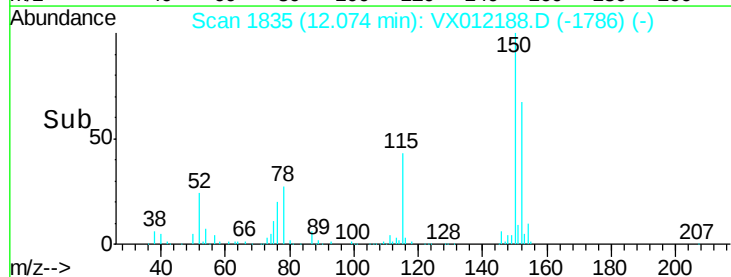
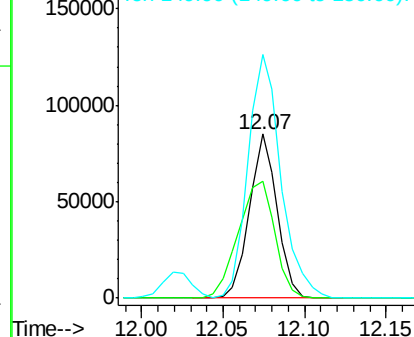
Lab File: VX012188.D

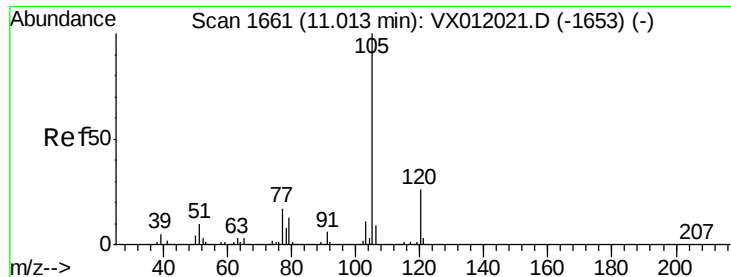
Acq: 07 Sep 2019 20:46

Tgt Ion:152	Resp:	100541
Ion Ratio	Lower	Upper
152 100		
115 93.7	36.4	109.3
150 176.1	0.0	341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.082 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 369449

Ion Ratio Lower Upper

105 100

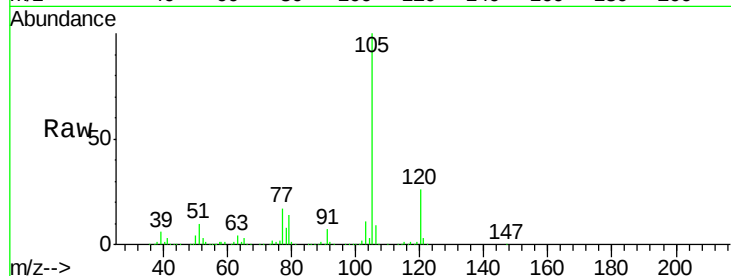
120 26.2 13.9 41.6

Manual Integrations

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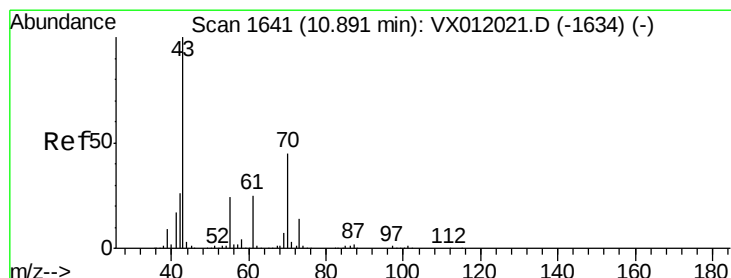
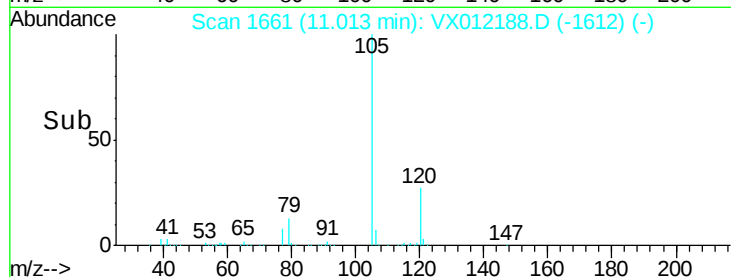
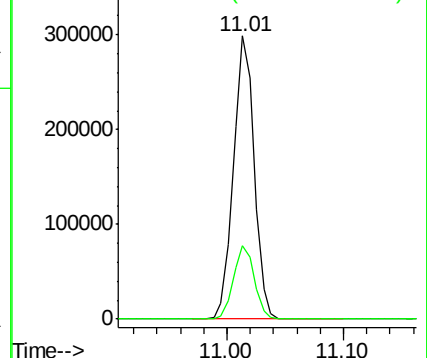
MMDadoda

9/9/2019 9:19:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.644 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion: 43 Resp: 117002

Ion Ratio Lower Upper

43 100

70 40.9 34.4 51.6

55 24.1 18.5 27.7

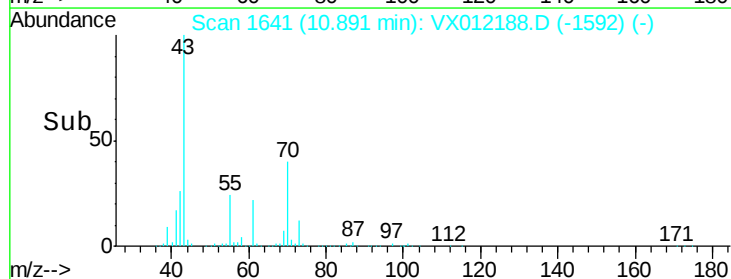
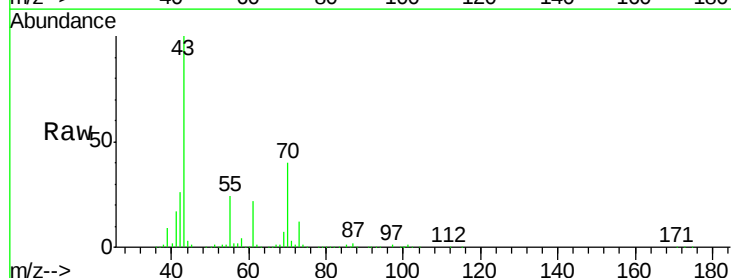
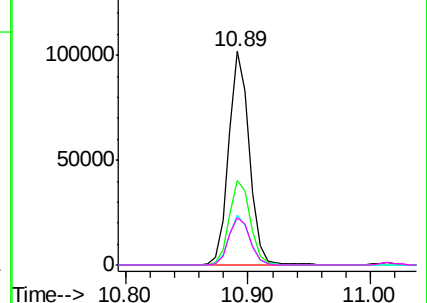
61 23.4 19.5 29.3

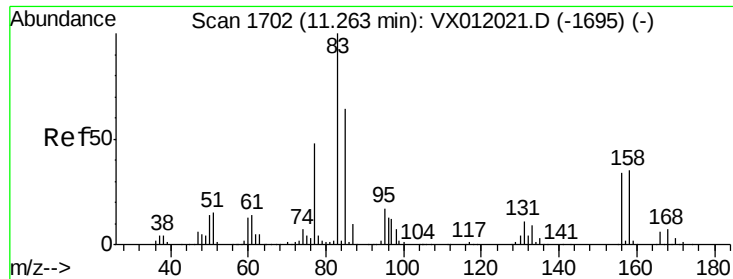
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.793 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

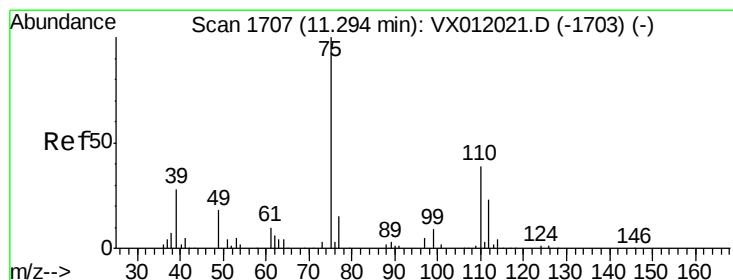
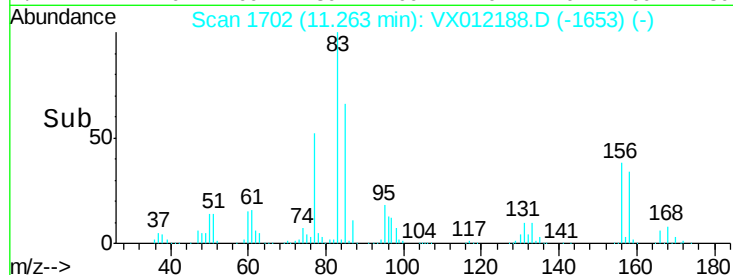
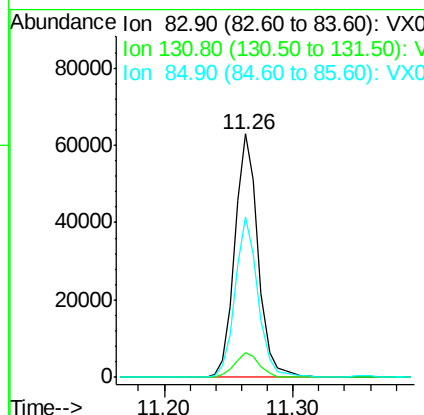
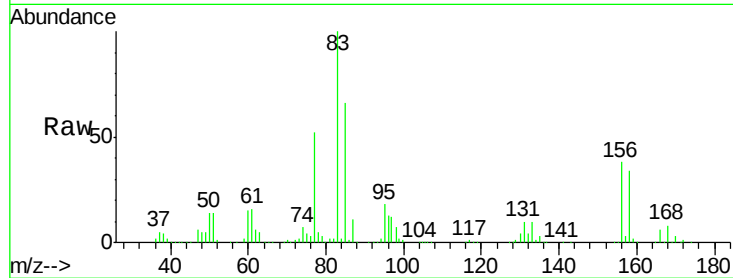
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	79651
Ion Ratio	Lower	Upper	
83	100		
131	10.8	6.3	19.1
85	64.5	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.763 ug/l m

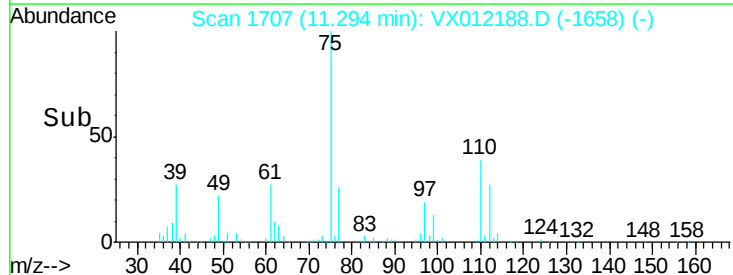
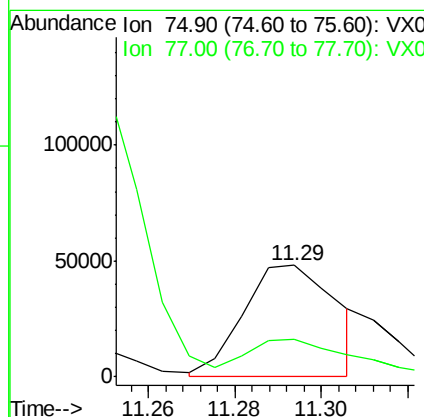
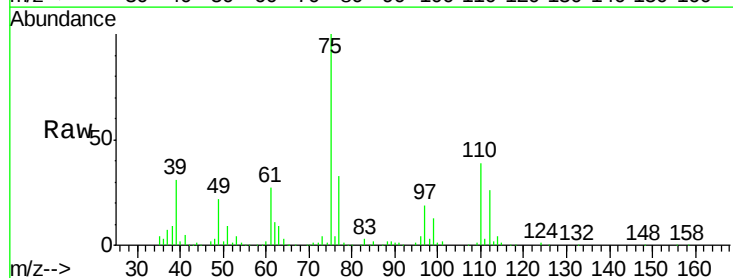
RT: 11.29 min Scan# 1707

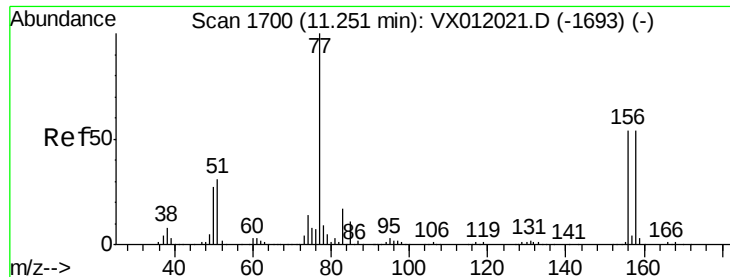
Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Tgt Ion:	75	Resp:	72188
Ion Ratio	Lower	Upper	
75	100		
77	38.3	23.5	70.5





#77

Bromobenzene

Concen: 53.287 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 87915

Ion Ratio Lower Upper

156 100

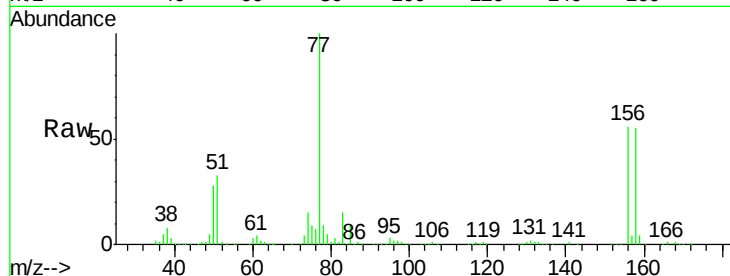
77 185.4 63.4 190.2

158 95.8 48.9 146.6

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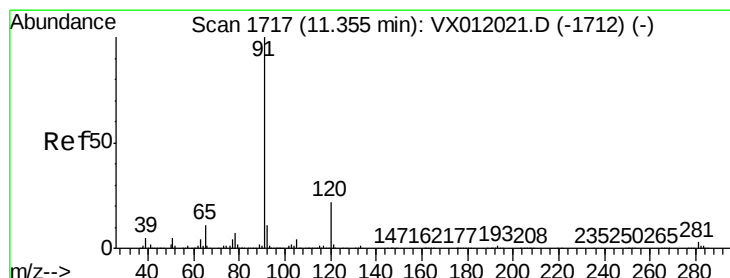
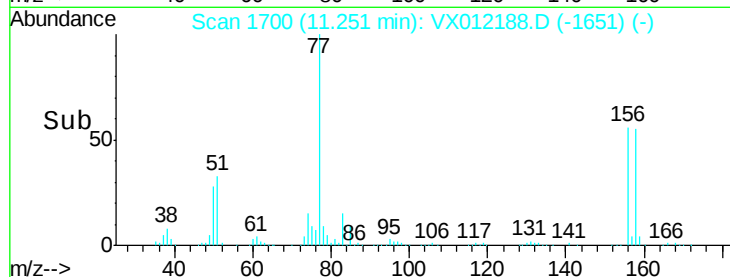
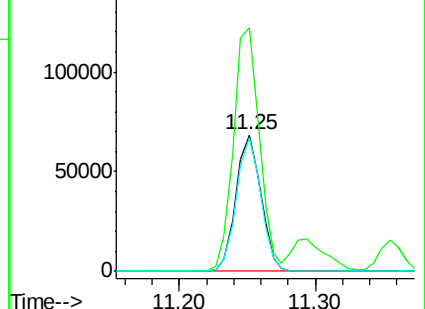
9/9/2019 9:19:05 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.473 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012188.D

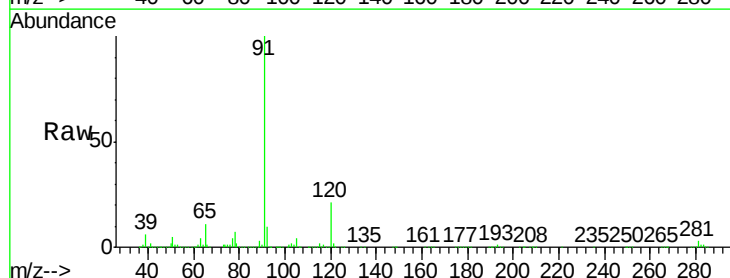
Acq: 07 Sep 2019 20:46

Tgt Ion: 91 Resp: 449824

Ion Ratio Lower Upper

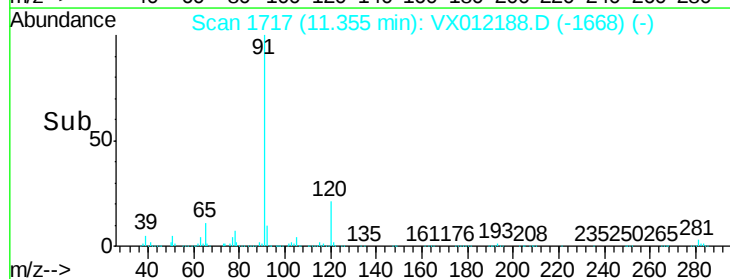
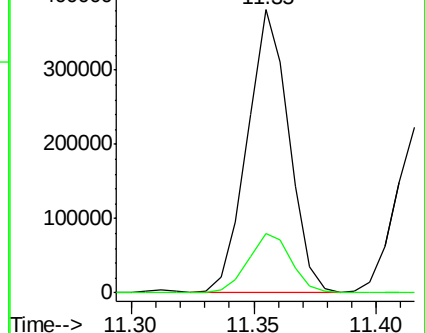
91 100

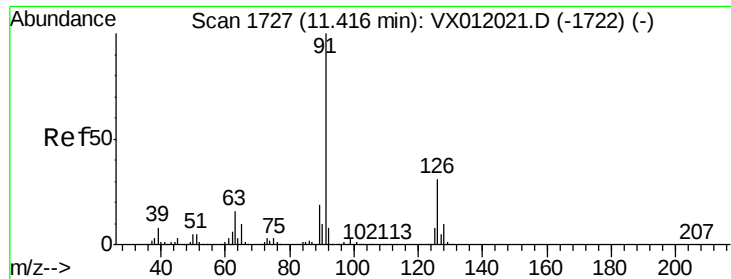
120 21.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.309 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 277027

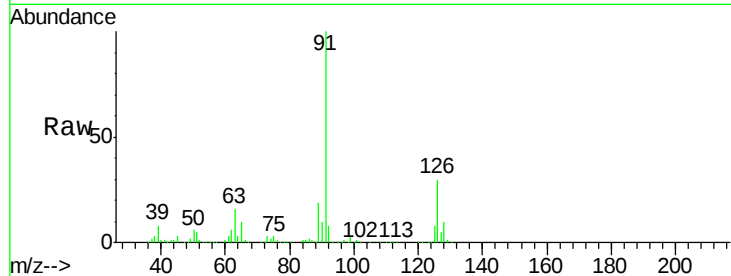
Ion Ratio Lower Upper

91 100

126 31.8 18.6 55.8

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX012021.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012021.D (-1722) (-)

400000

300000

200000

100000

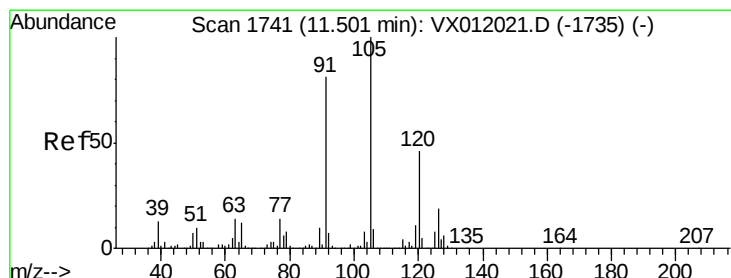
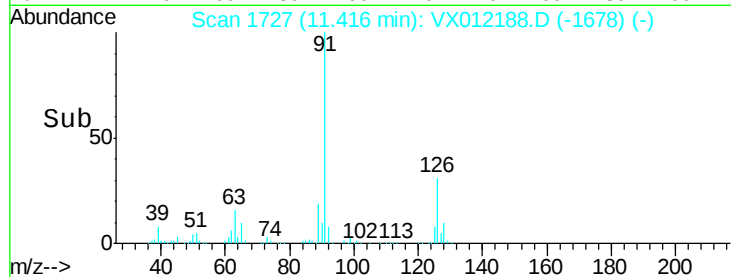
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.592 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012188.D

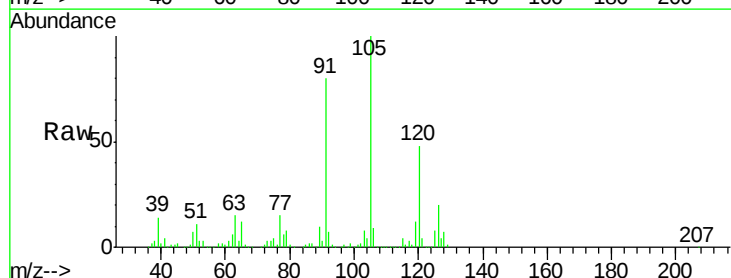
Acq: 07 Sep 2019 20:46

Tgt Ion: 105 Resp: 327061

Ion Ratio Lower Upper

105 100

120 47.7 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): VX012021.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX012021.D (-1735) (-)

300000

250000

200000

150000

100000

50000

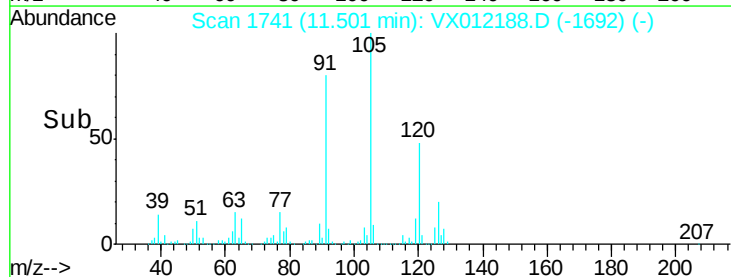
0

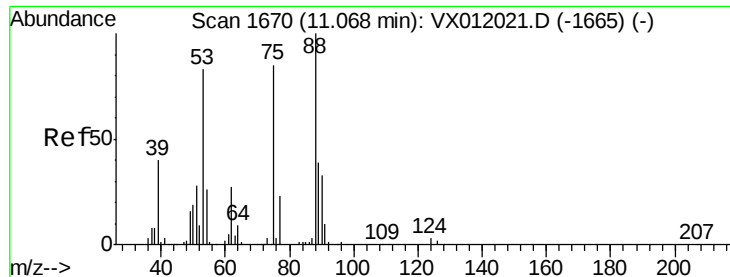
11.45

11.50

11.55

Time-->





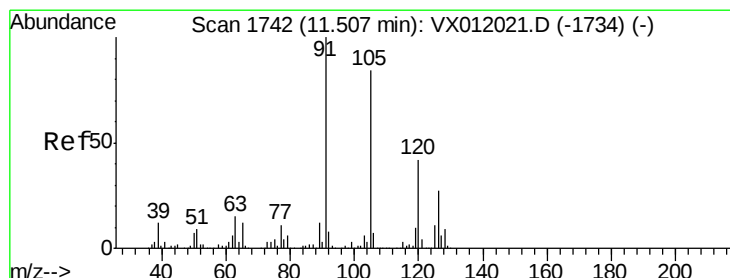
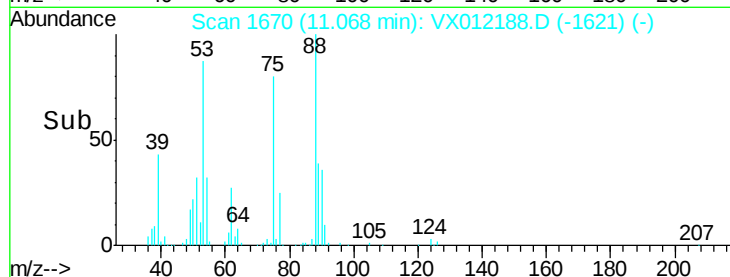
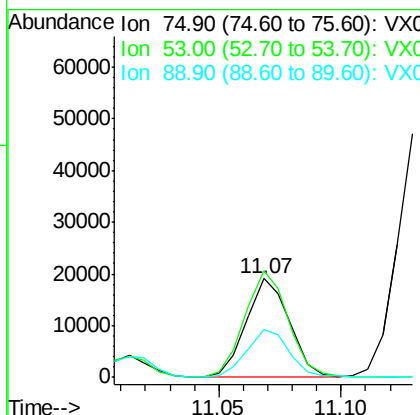
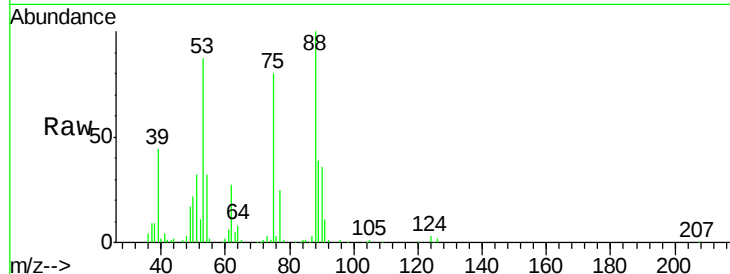
#81
trans-1,4-Dichloro-2-butene
Concen: 44.929 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.3	78.6	117.8
89	48.2	38.8	58.2

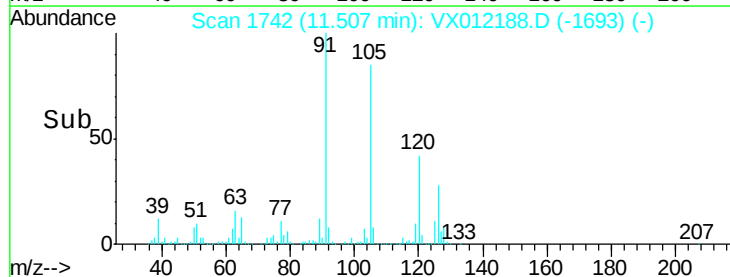
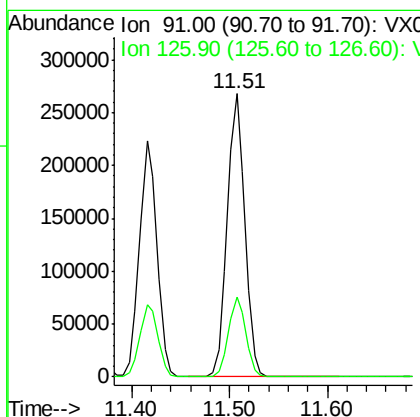
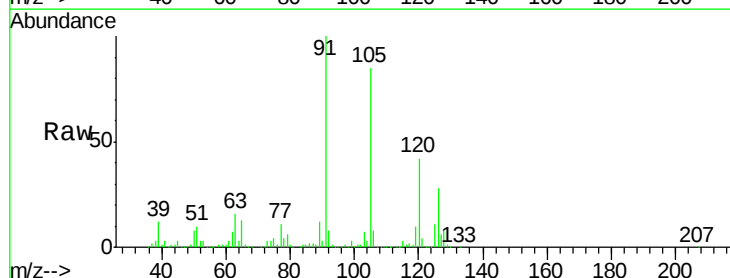
Manual Integrations
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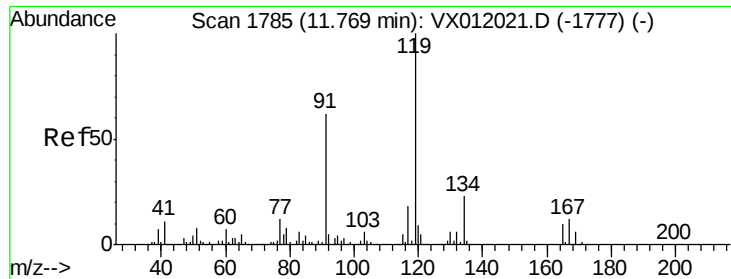
MMDadoda
9/9/2019 9:19:05 AM



#82
4-Chlorotoluene
Concen: 52.092 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	16.2	48.6





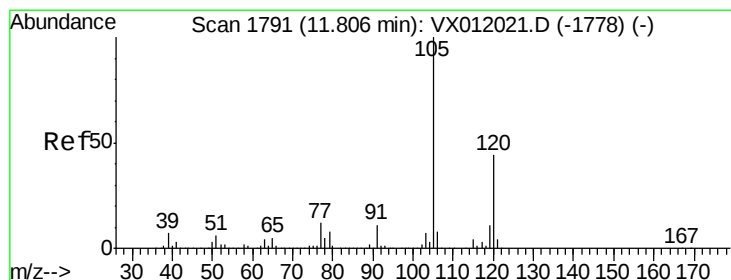
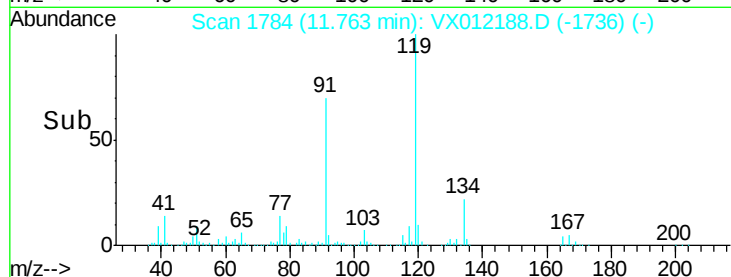
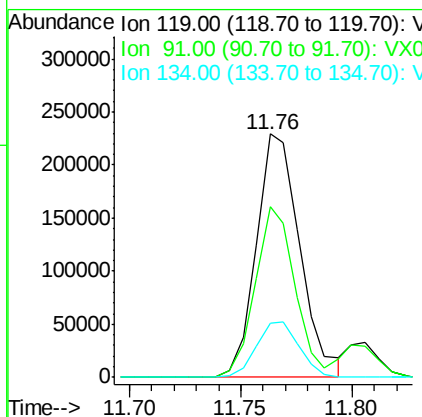
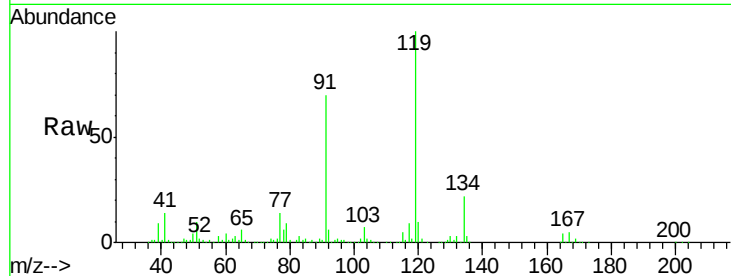
#83
tert-Butylbenzene
Concen: 50.712 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	27.1	81.2
134	22.2	12.1	36.3

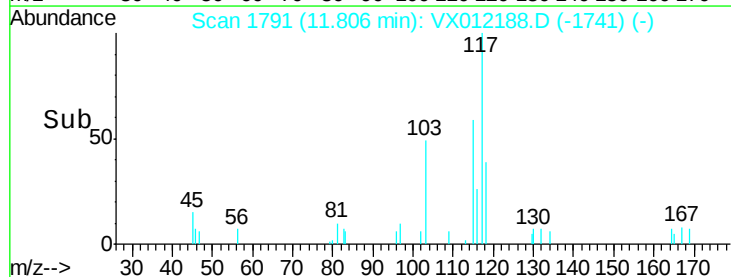
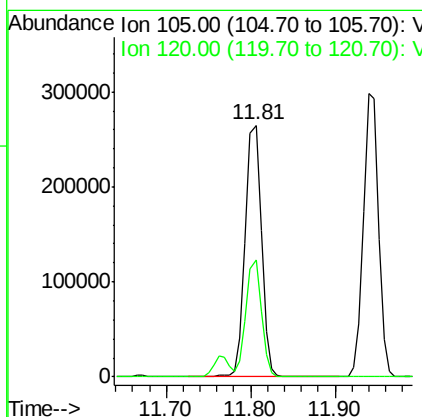
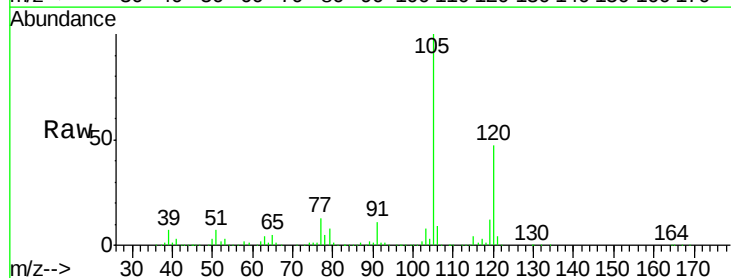
Manual Integrations
APPROVED

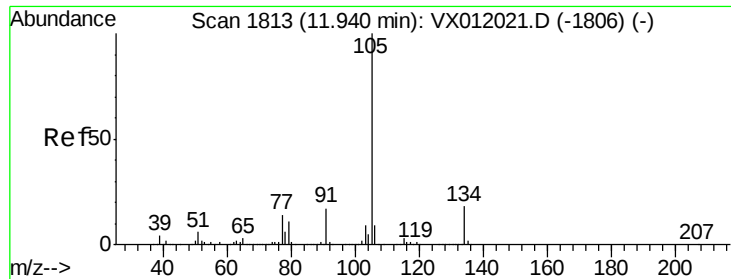
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.228 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.6	70.8





#85

sec-Butylbenzene

Concen: 48.951 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 374632

Ion Ratio Lower Upper

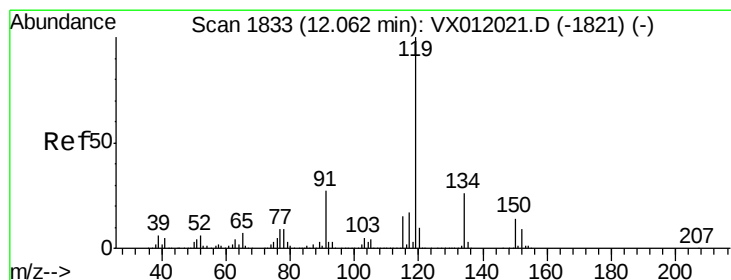
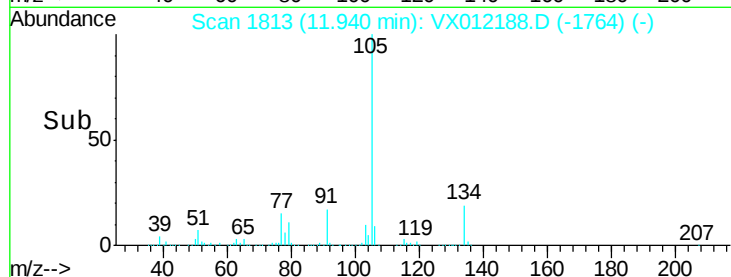
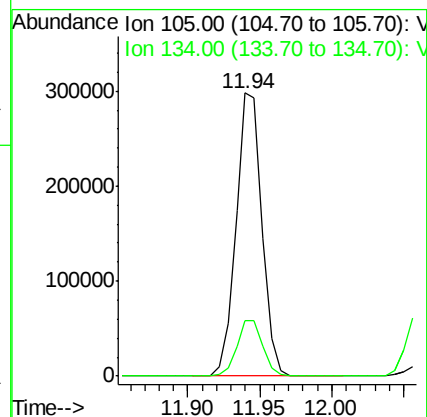
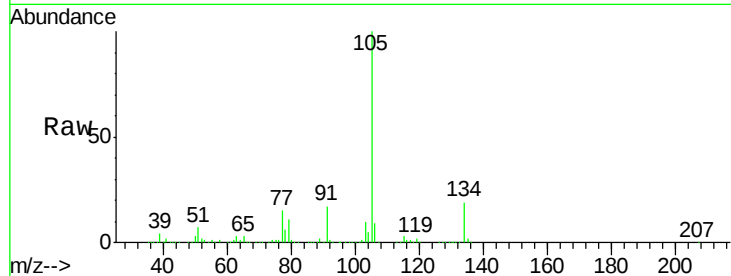
105 100

134 19.6 11.2 33.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 49.935 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012188.D

Acq: 07 Sep 2019 20:46

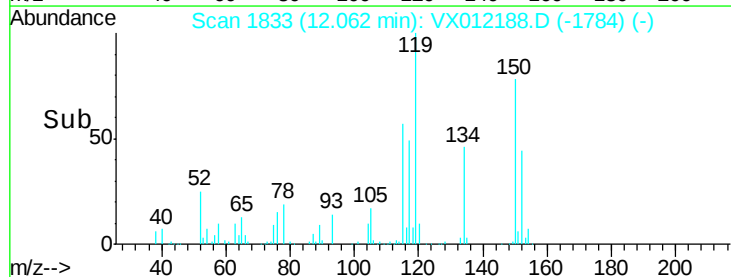
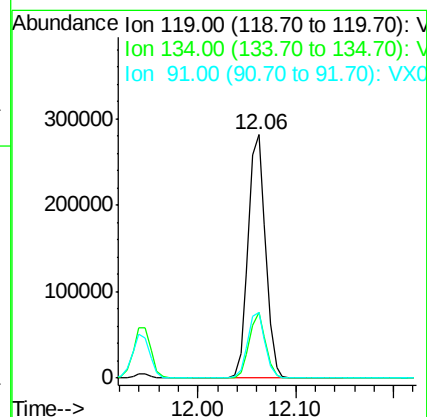
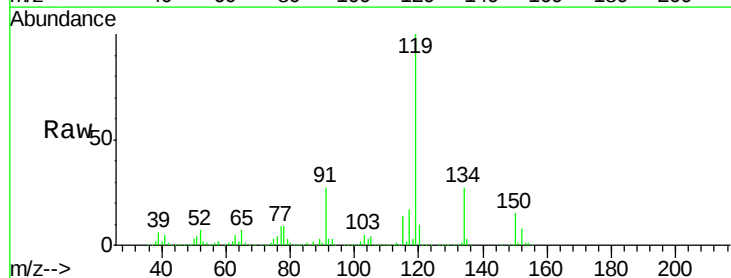
Tgt Ion:119 Resp: 347551

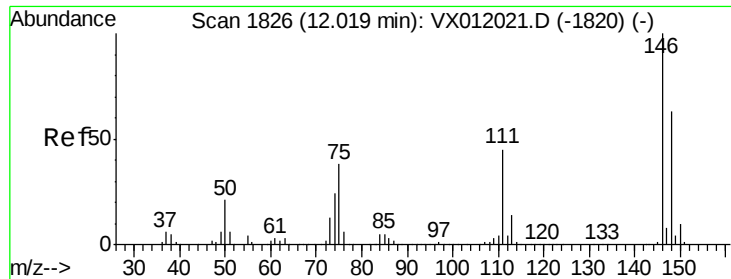
Ion Ratio Lower Upper

119 100

134 25.3 13.7 41.1

91 27.0 11.4 34.1





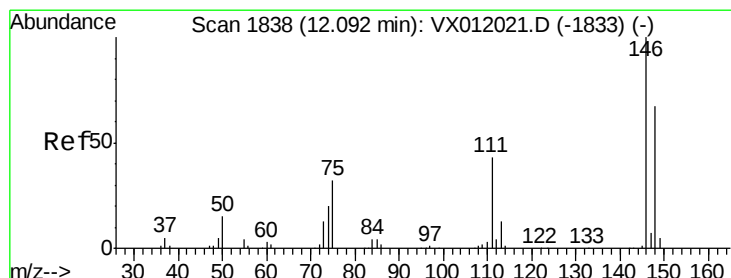
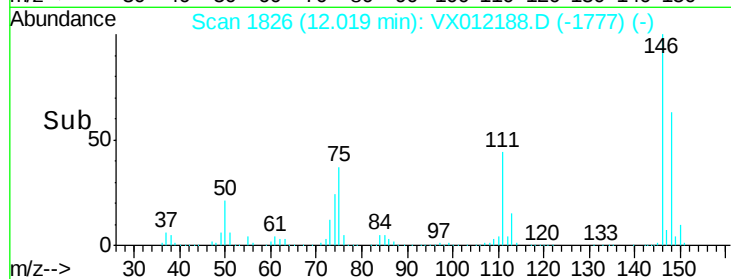
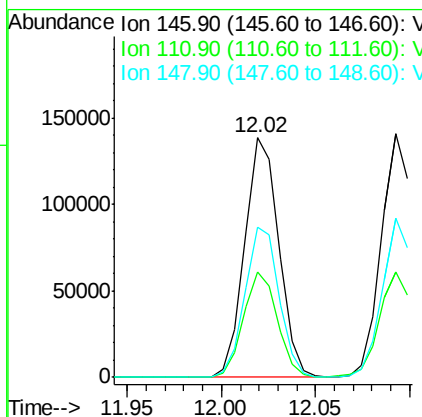
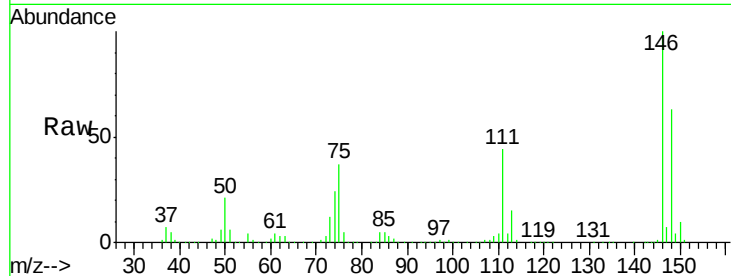
#87
 1,3-Dichlorobenzene
 Concen: 52.736 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	18.1	54.1
148	62.9	32.6	97.8

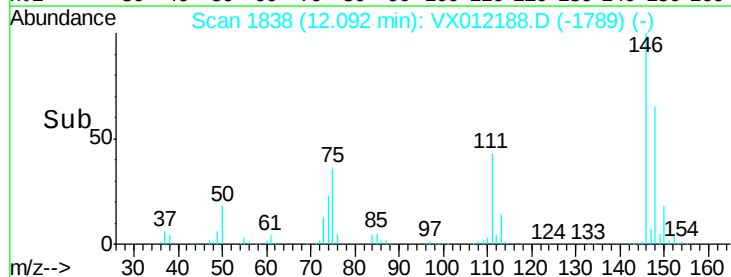
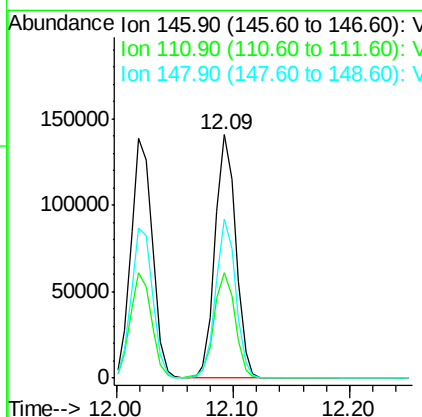
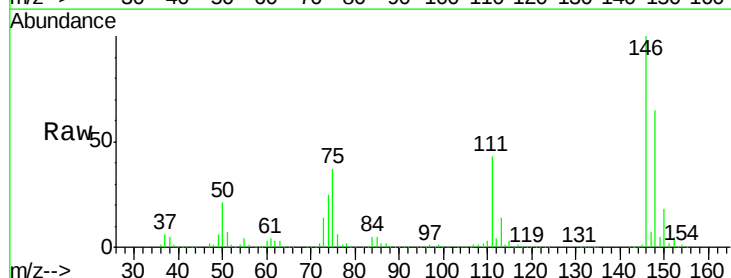
Manual Integrations
 APPROVED

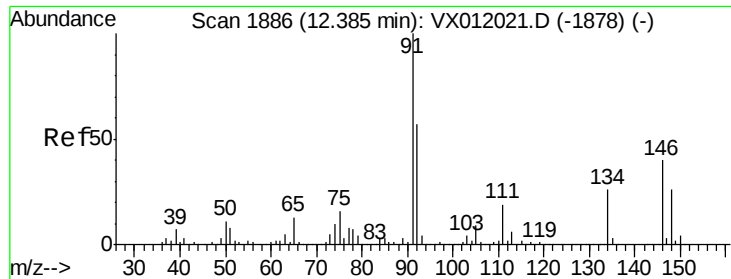
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 9/9/2019 9:19:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.078 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	17.7	53.1
148	62.9	32.4	97.0





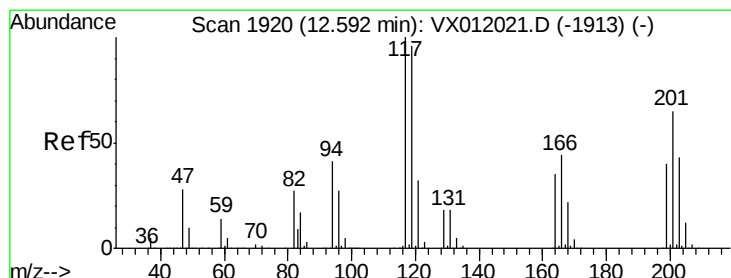
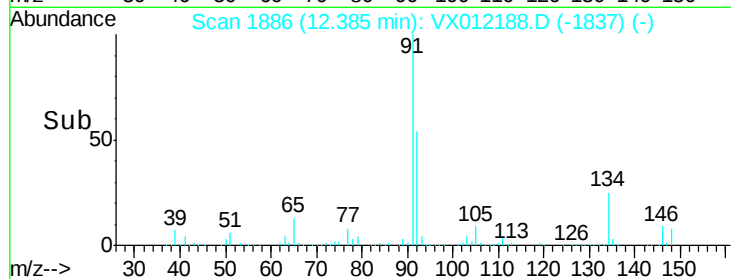
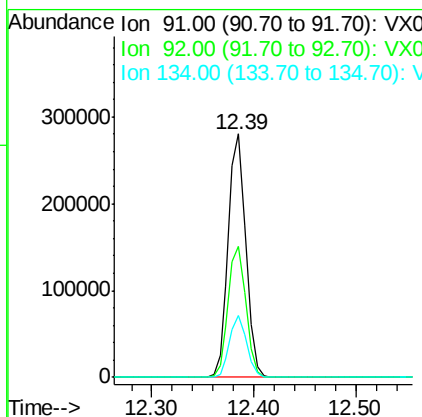
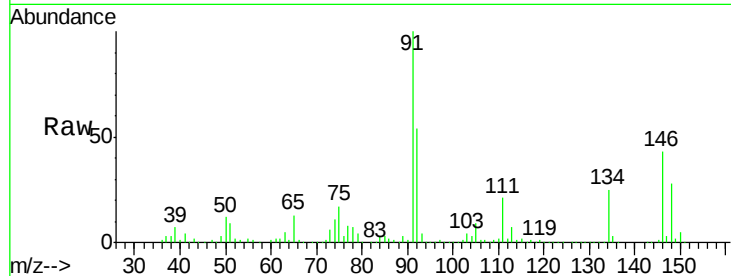
#89
n-Butylbenzene
Concen: 49.218 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.8
134	24.7	15.4	46.1

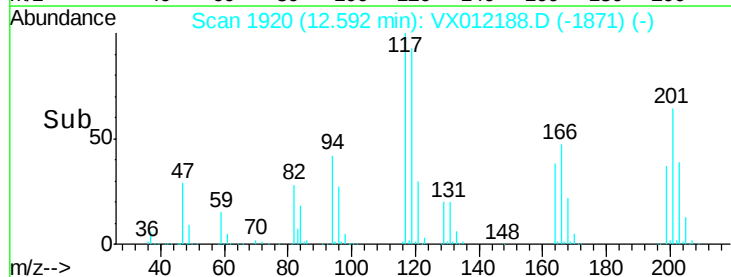
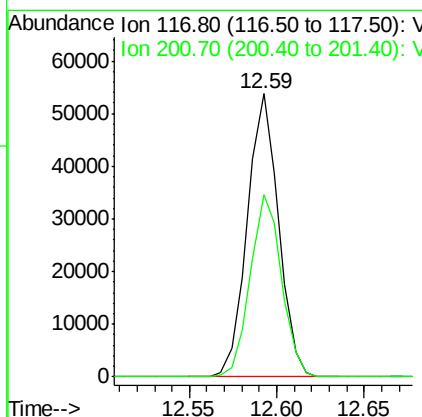
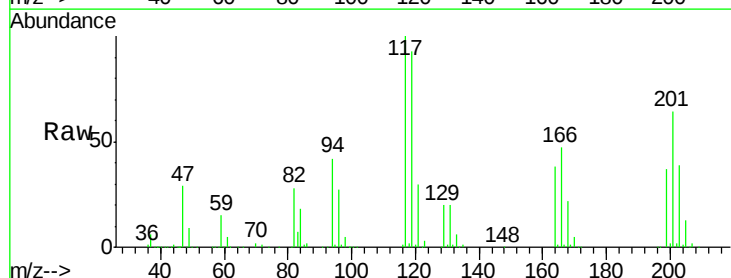
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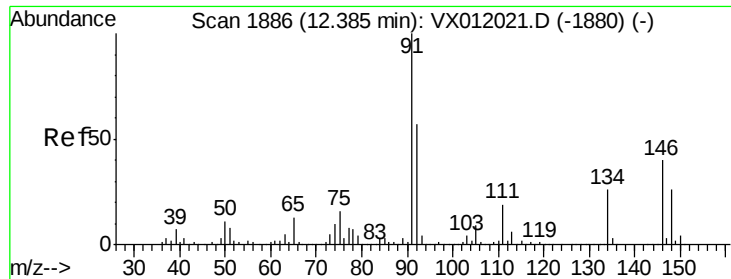
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#90
Hexachloroethane
Concen: 48.014 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.4	55.0	165.2





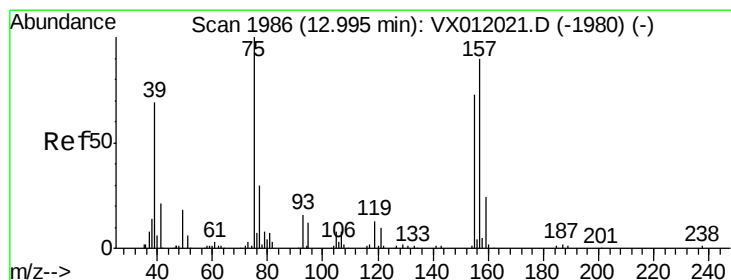
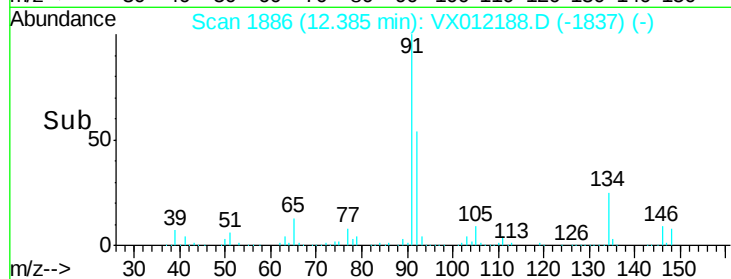
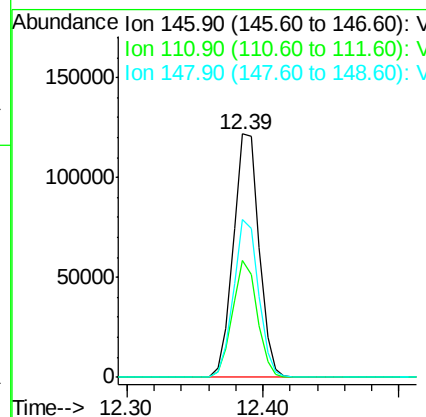
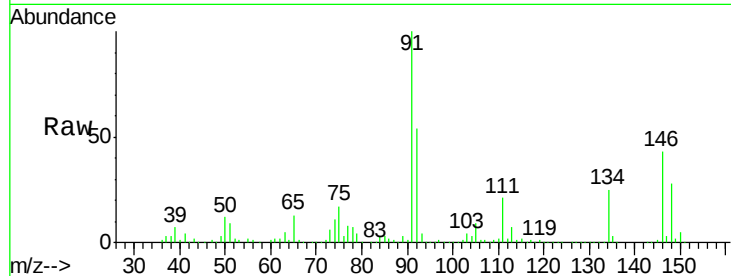
#91
 1,2-Dichlorobenzene
 Concen: 53.753 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.1	18.6	56.0
148	63.0	32.4	97.2

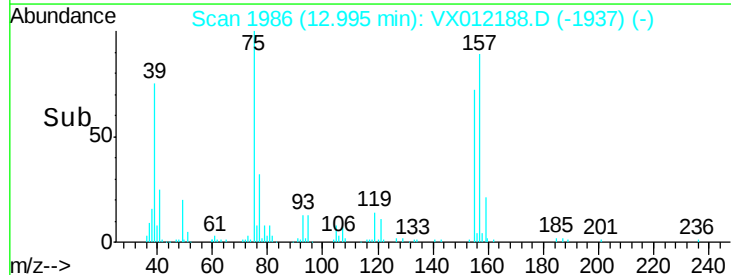
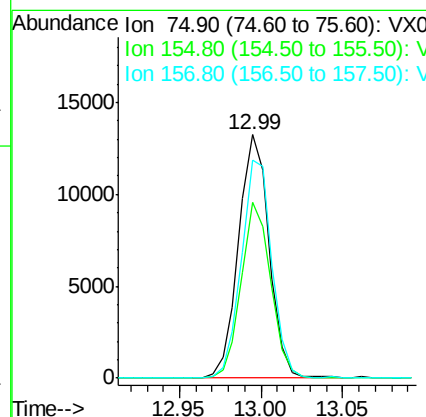
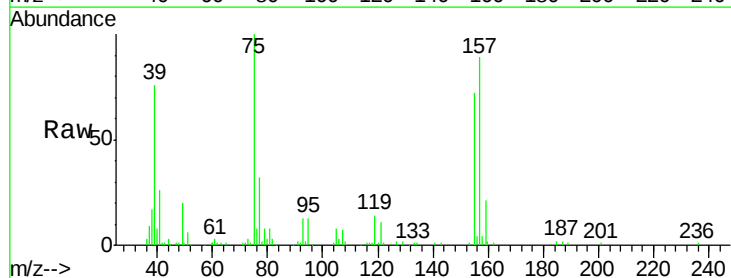
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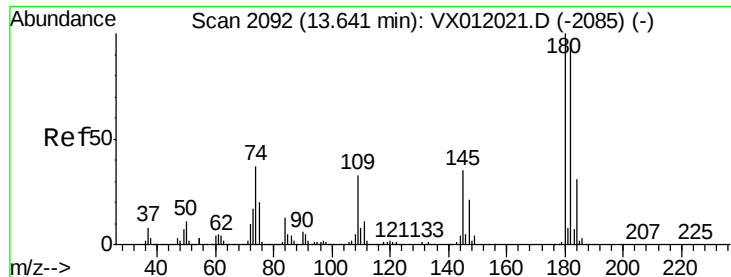
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.832 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.8	51.7	155.2
157	89.2	66.9	200.7





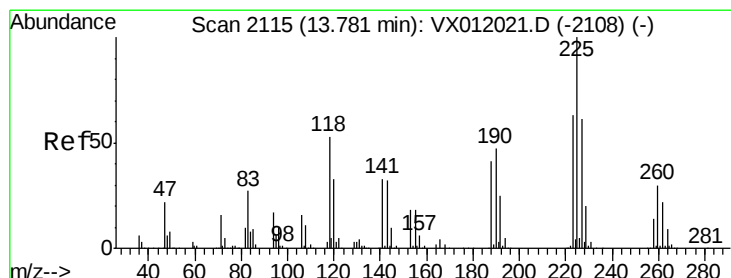
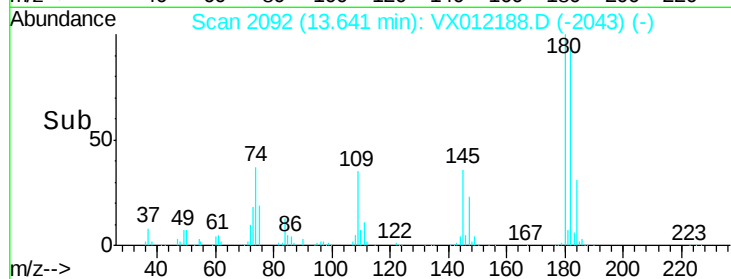
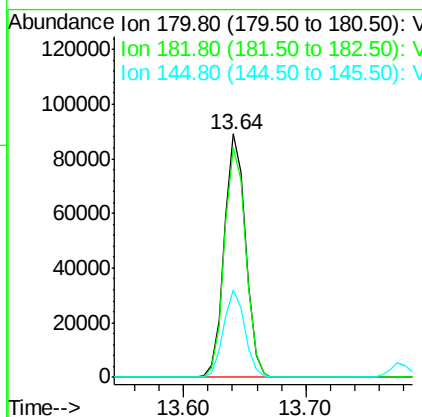
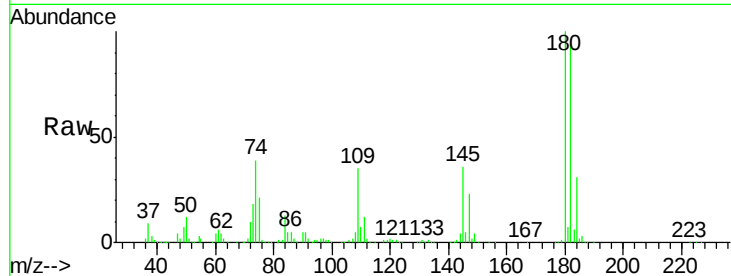
#93
 1,2,4-Trichlorobenzene
 Concen: 50.504 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	142.0
145	35.9	13.7	41.0

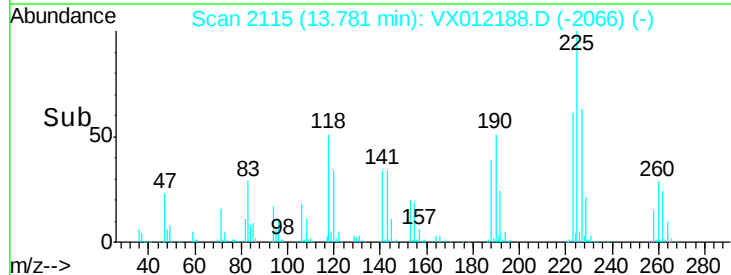
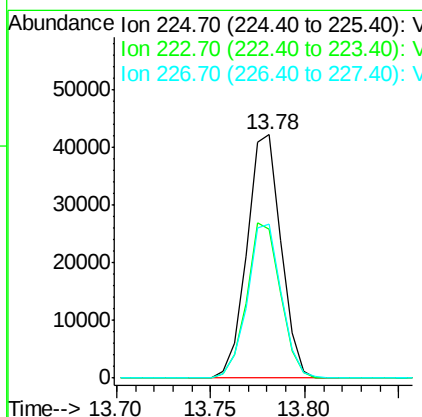
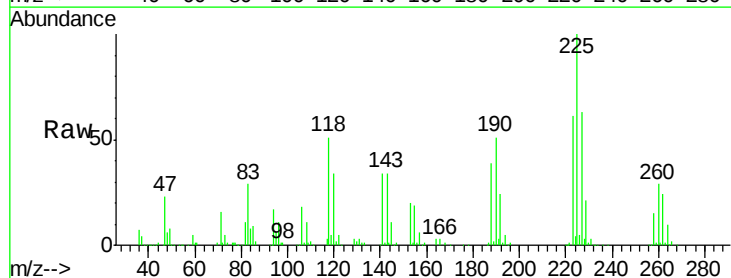
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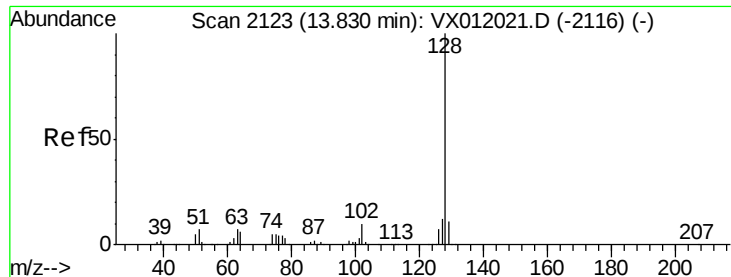
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#94
 Hexachlorobutadiene
 Concen: 49.466 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012188.D
 Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	63.0	32.5	97.5





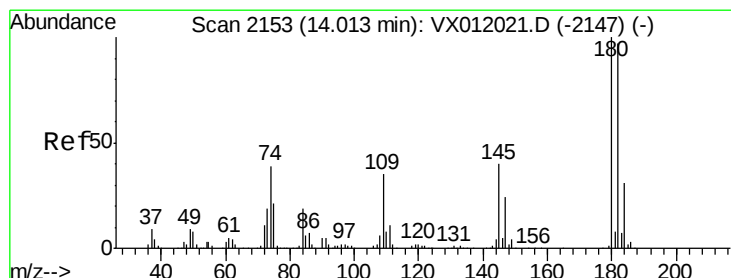
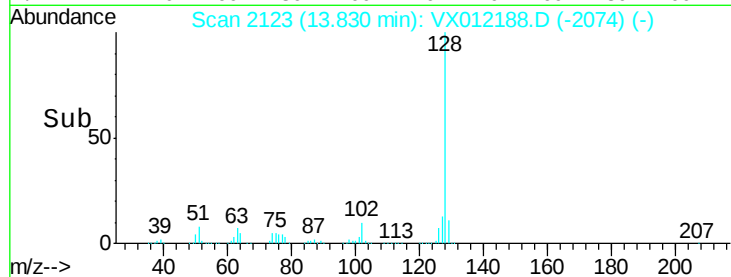
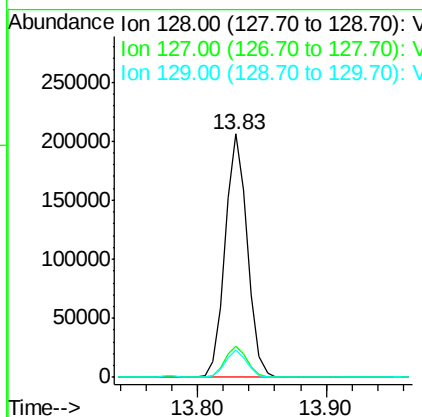
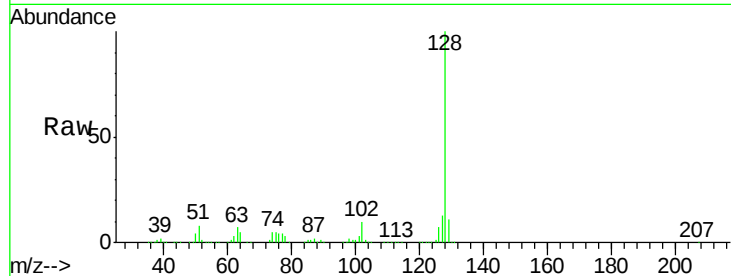
#95
Naphthalene
Concen: 54.553 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.1	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.241 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012188.D
Acq: 07 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.6
145	38.2	14.1	42.4

