

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090119\
 Data File : VX012007.D
 Acq On : 01 Sep 2019 22:11
 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
 9/5/2019 2:04:54 AM

Quant Time: Sep 02 05:31:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	344634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	473081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	449602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	160423	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.48	113	157135	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	8.71	98	544257	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.14	95	230611	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	90528	43.523	ug/l	98
3) Chloromethane	1.31	50	103502	42.924	ug/l	99
4) Vinyl Chloride	1.39	62	104557	45.410	ug/l	99
5) Bromomethane	1.62	94	78729	49.417	ug/l	100
6) Chloroethane	1.71	64	69514	48.509	ug/l	99
7) Trichlorofluoromethane	1.92	101	185133	46.297	ug/l	99
8) Diethyl Ether	2.17	74	65870	47.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120698	46.312	ug/l	96
10) Methyl Iodide	2.50	142	101043	36.576	ug/l	100
11) Tert butyl alcohol	3.03	59	81377	256.170	ug/l	98
12) 1,1-Dichloroethene	2.36	96	115571	47.746	ug/l	98
13) Acrolein	2.28	56	50877	321.782	ug/l	98
14) Allyl chloride	2.72	41	207802	45.766	ug/l	96
15) Acrylonitrile	3.13	53	189156	250.585	ug/l	98
16) Acetone	2.43	43	162495	228.725	ug/l	98
17) Carbon Disulfide	2.56	76	301363	43.406	ug/l	100
18) Methyl Acetate	2.76	43	99319	50.503	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	401002	51.138	ug/l	99
20) Methylene Chloride	2.84	84	149099	49.096	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	141409	49.595	ug/l	100
22) Diisopropyl ether	3.84	45	448098	48.341	ug/l	96
23) Vinyl Acetate	3.80	43	1421849	238.583	ug/l	98
24) 1,1-Dichloroethane	3.68	63	253241	49.542	ug/l	99
25) 2-Butanone	4.65	43	255618	247.039	ug/l	99
26) 2,2-Dichloropropane	4.56	77	200563	46.781	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	173396	51.629	ug/l	97
28) Bromochloromethane	5.00	49	111656	48.680	ug/l	92
29) Tetrahydrofuran	5.11	42	159245	246.571	ug/l	97
30) Chloroform	5.20	83	280342	51.293	ug/l	96
31) Cyclohexane	5.56	56	170510	41.356	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	245973	50.664	ug/l	99
36) 1,1-Dichloropropene	5.79	75	180680	48.208	ug/l	99
37) Ethyl Acetate	4.82	43	112690	50.794	ug/l	99
38) Carbon Tetrachloride	5.77	117	222121	51.100	ug/l	98

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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	195564	43.807	ug/l	99
40) Benzene	6.13	78	567786	50.752	ug/l	98
41) Methacrylonitrile	5.03	41	67496	51.670	ug/l	99
42) 1,2-Dichloroethane	6.18	62	199142	52.344	ug/l	99
43) Isopropyl Acetate	6.43	43	225427	50.117	ug/l	99
44) Trichloroethene	7.20	130	182487	52.720	ug/l	100
45) 1,2-Dichloropropane	7.51	63	146949	50.216	ug/l	98
46) Dibromomethane	7.65	93	91190	52.507	ug/l	96
47) Bromodichloromethane	7.89	83	225674	52.402	ug/l	99
48) Methyl methacrylate	7.76	41	111617	51.000	ug/l	99
49) 1,4-Dioxane	7.73	88	34279	1139.007	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	584011	255.582	ug/l	99
52) Toluene	8.78	92	380494	51.409	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	224550	50.902	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	246263	49.730	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	132924	52.280	ug/l	98
56) Ethyl methacrylate	9.17	69	182761	51.792	ug/l	97
57) 1,3-Dichloropropane	9.37	76	217979	51.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	418970	249.283	ug/l	97
59) 2-Hexanone	9.48	43	417875	257.449	ug/l	99
60) Dibromochloromethane	9.57	129	186395	54.584	ug/l	99
61) 1,2-Dibromoethane	9.67	107	134921	53.523	ug/l	100
64) Tetrachloroethene	9.33	164	202861	56.092	ug/l	99
65) Chlorobenzene	10.14	112	459233	52.709	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	191538	54.363	ug/l	99
67) Ethyl Benzene	10.25	91	760693	51.328	ug/l	100
68) m/p-Xylenes	10.35	106	598373	104.563	ug/l	99
69) o-Xylene	10.70	106	295851	53.053	ug/l	98
70) Styrene	10.71	104	523365	53.246	ug/l	100
71) Bromoform	10.85	173	139149	55.854	ug/l #	100
73) Isopropylbenzene	11.01	105	785491	49.119	ug/l	100
74) N-amyl acetate	10.89	43	222318	46.846	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	160455	49.026	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140287m	51.240	ug/l	
77) Bromobenzene	11.25	156	241113	51.987	ug/l	96
78) n-propylbenzene	11.35	91	894723	49.339	ug/l	99
79) 2-Chlorotoluene	11.42	91	540886	49.553	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	695851	50.412	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48118	44.152	ug/l	98
82) 4-Chlorotoluene	11.51	91	656856	49.882	ug/l	99
83) tert-Butylbenzene	11.77	119	710448	50.724	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	716160	50.626	ug/l	100
85) sec-Butylbenzene	11.94	105	809396	49.753	ug/l	99
86) p-Isopropyltoluene	12.06	119	800666	50.756	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	453548	52.617	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	453478	52.041	ug/l	99
89) n-Butylbenzene	12.38	91	693274	49.675	ug/l	99
90) Hexachloroethane	12.59	117	154180	50.521	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	424494	52.969	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33280	51.048	ug/l	93

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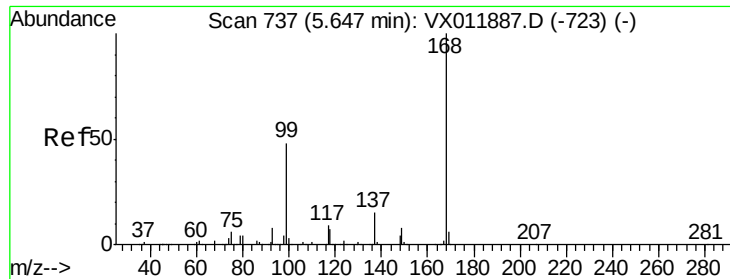
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	373510	55.352	ug/l	99
94) Hexachlorobutadiene	13.77	225	251274	55.758	ug/l	100
95) Naphthalene	13.83	128	613325	52.960	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	333373	54.633	ug/l	99

(#) = 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: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 344634

Ion Ratio Lower Upper

168 100

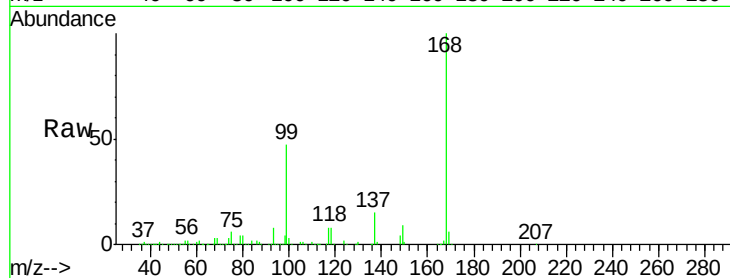
99 46.8 38.4 57.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

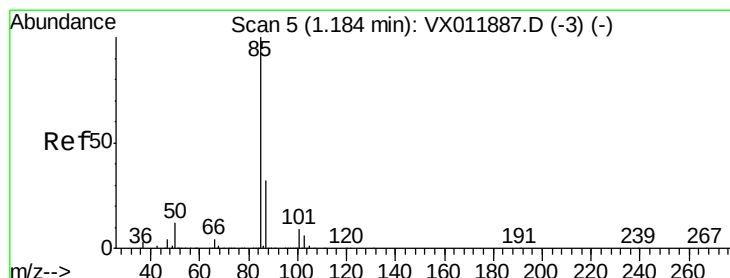
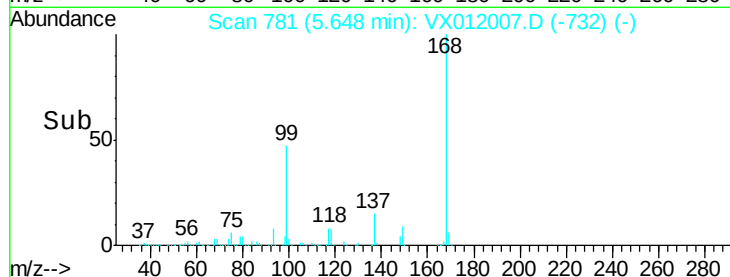
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.523 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012007.D

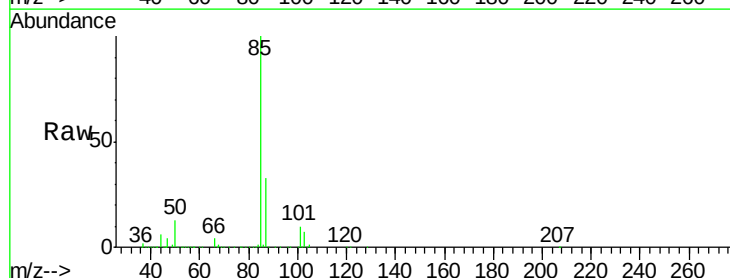
Acq: 01 Sep 2019 22:11

Tgt Ion: 85 Resp: 90528

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

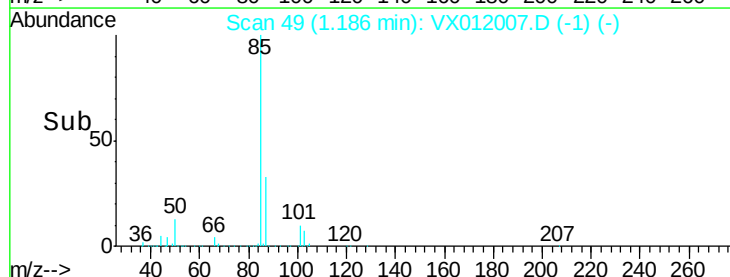
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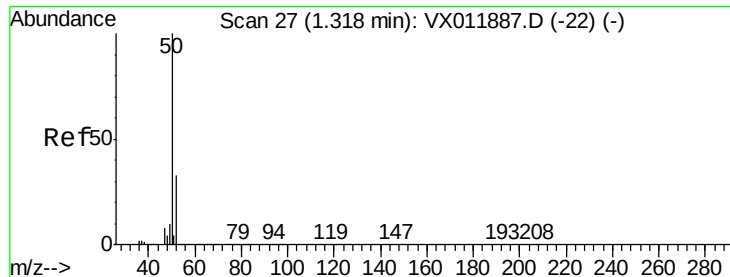
40000

20000

0

Time-->





#3

Chloromethane

Concen: 42.924 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 103502

Ion Ratio Lower Upper

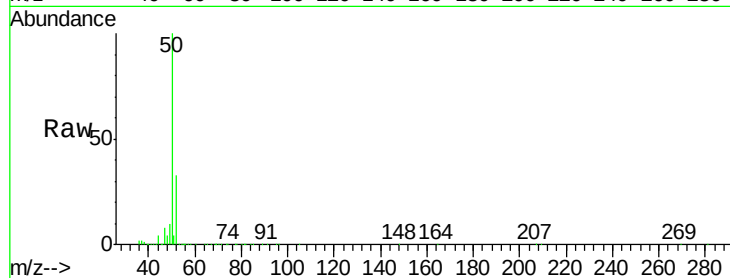
50 100

52 32.9 26.0 39.0

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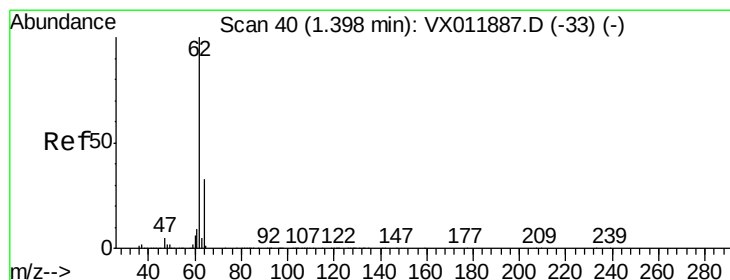
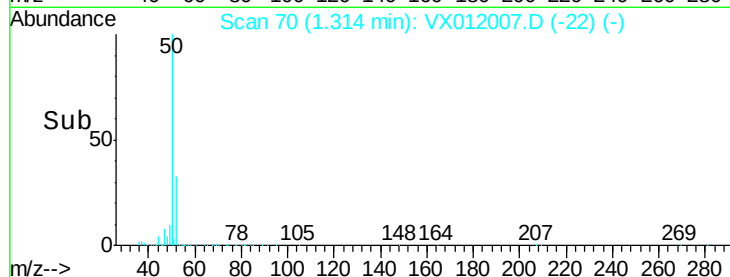
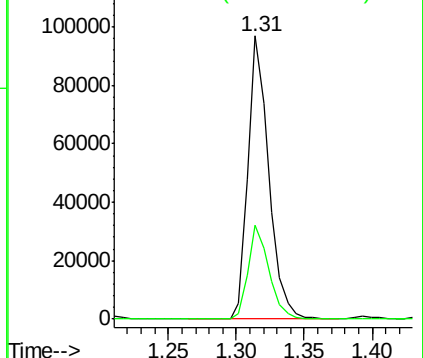
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.410 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012007.D

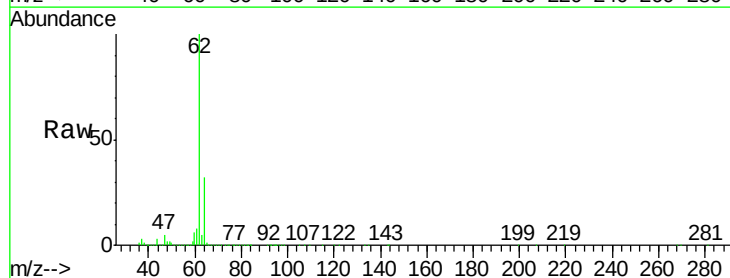
Acq: 01 Sep 2019 22:11

Tgt Ion: 62 Resp: 104557

Ion Ratio Lower Upper

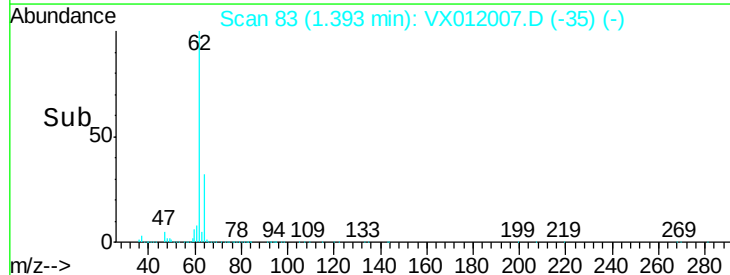
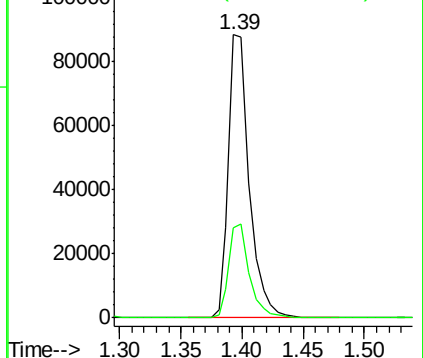
62 100

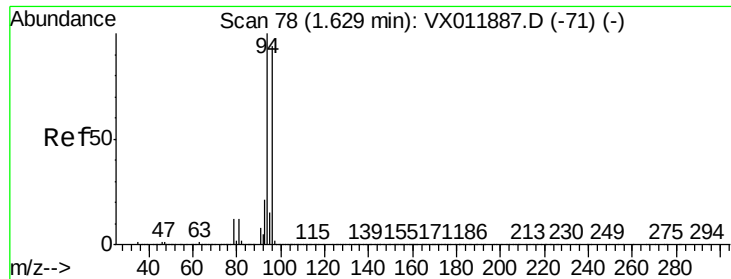
64 31.8 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.417 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 78729

Ion Ratio Lower Upper

94 100

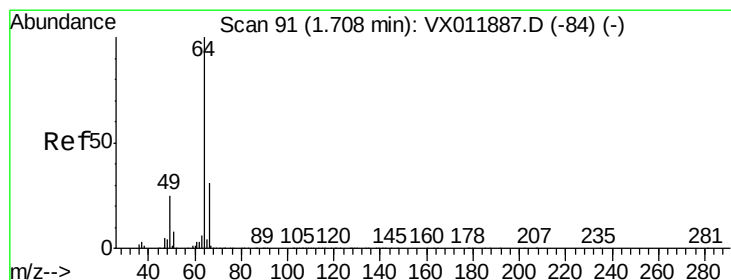
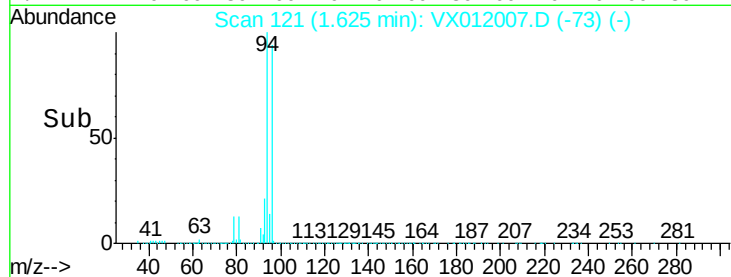
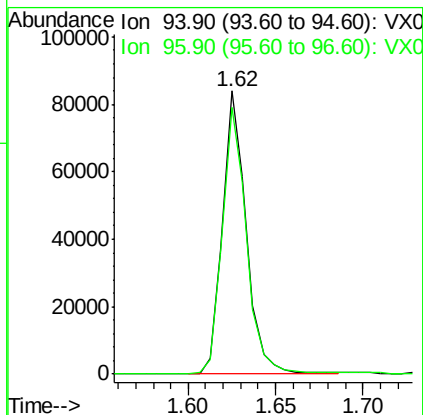
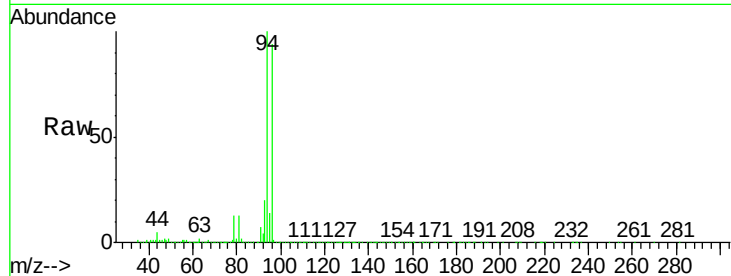
96 94.0 75.0 112.6

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#6

Chloroethane

Concen: 48.509 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012007.D

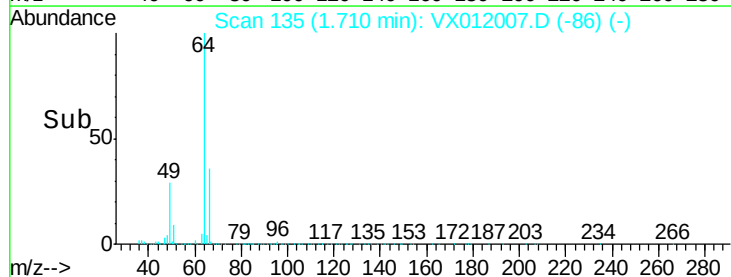
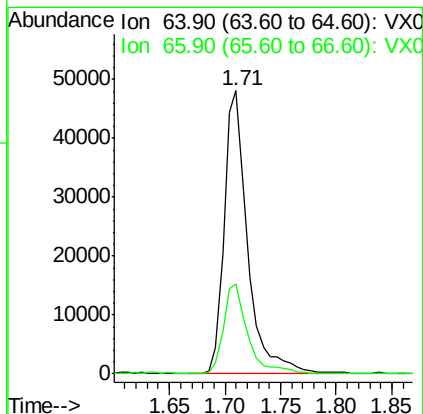
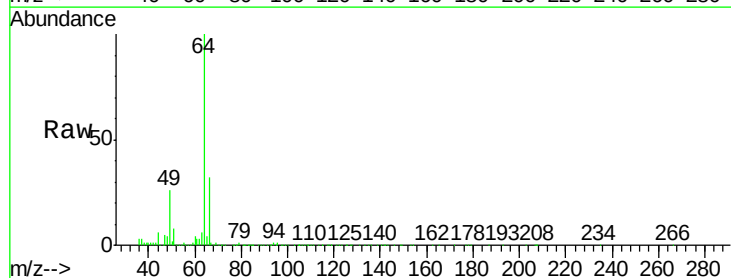
Acq: 01 Sep 2019 22:11

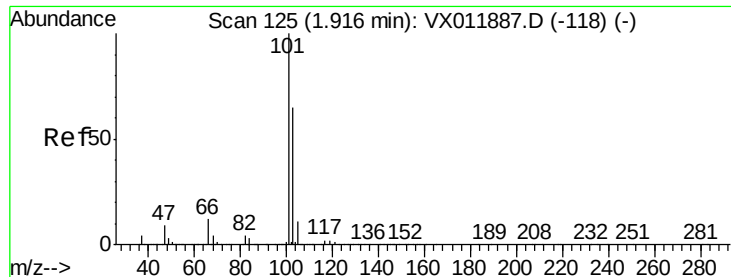
Tgt Ion: 64 Resp: 69514

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.4





#7

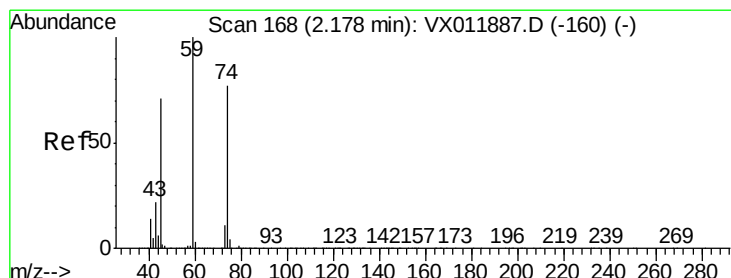
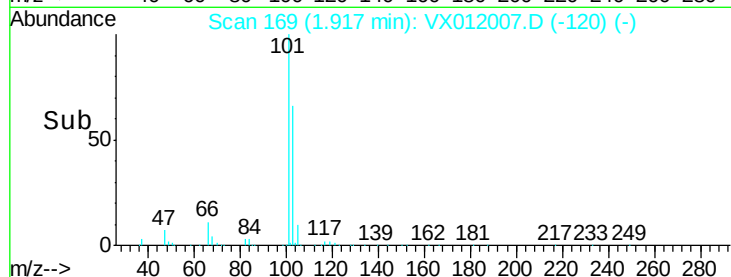
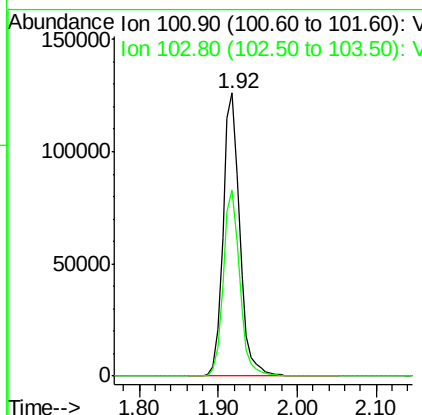
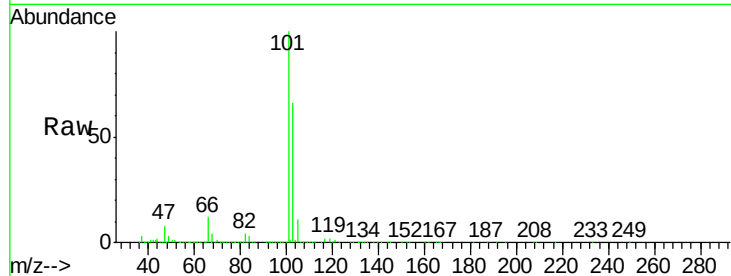
Trichlorofluoromethane
Concen: 46.297 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	185133		
103	65.6	51.6	77.4	

Manual Integrations
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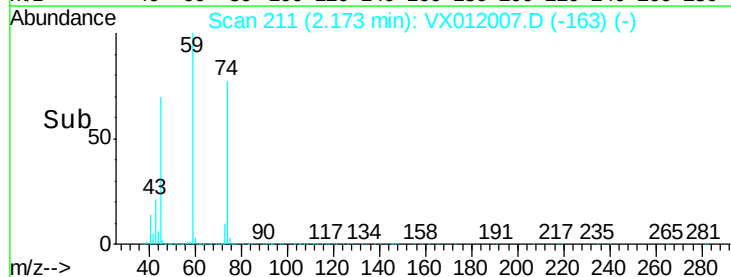
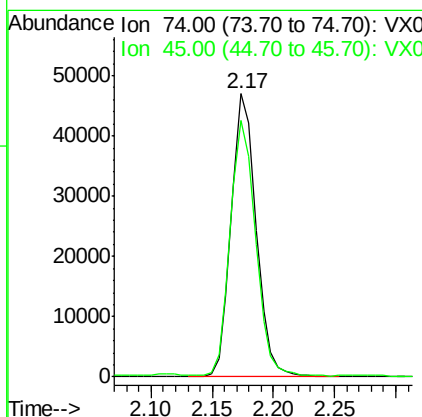
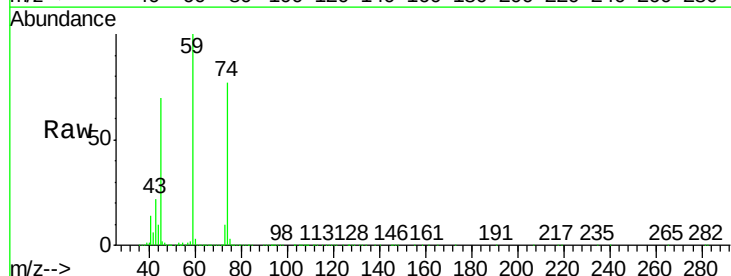
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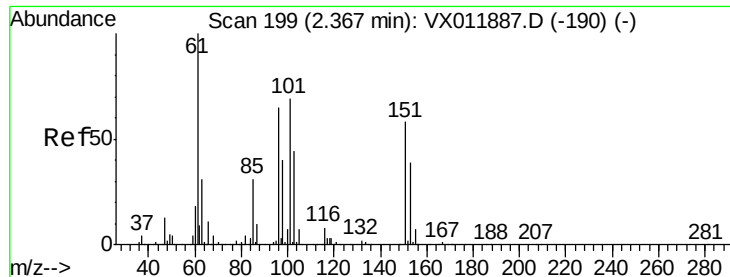


#8

Diethyl Ether
Concen: 47.931 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	65870		
45	92.2	46.7	140.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.312 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

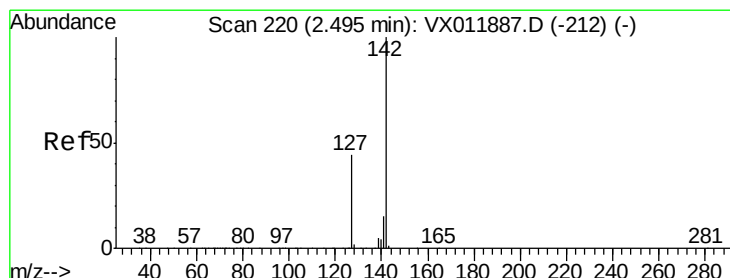
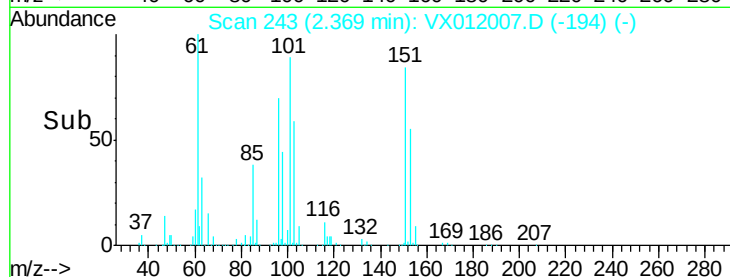
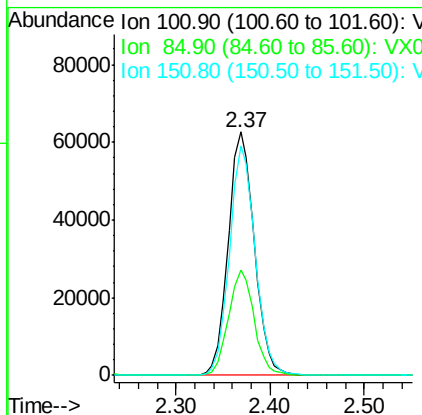
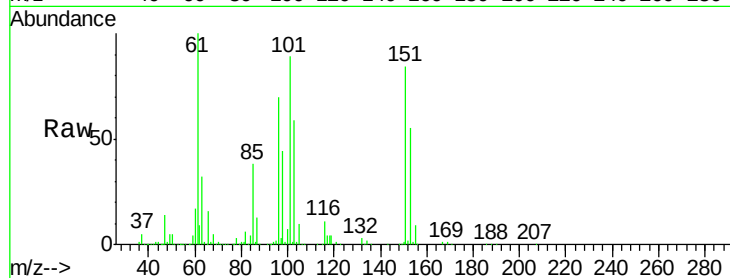
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	120698
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.9	52.3
151	93.0	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 36.576 ug/l

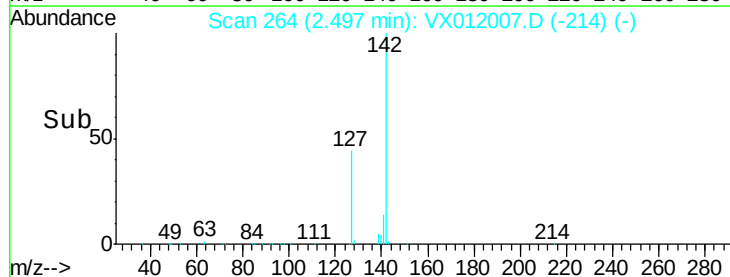
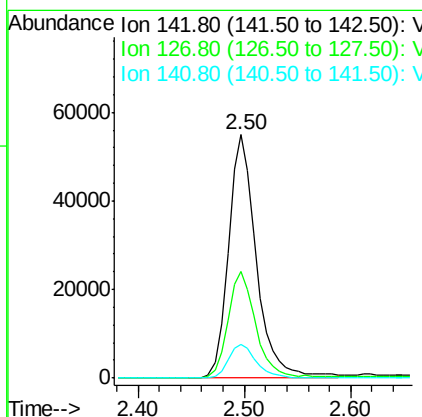
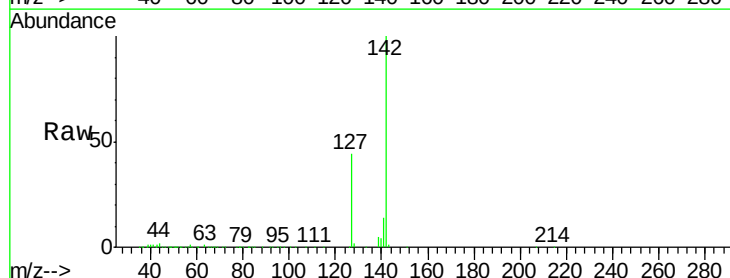
RT: 2.50 min Scan# 264

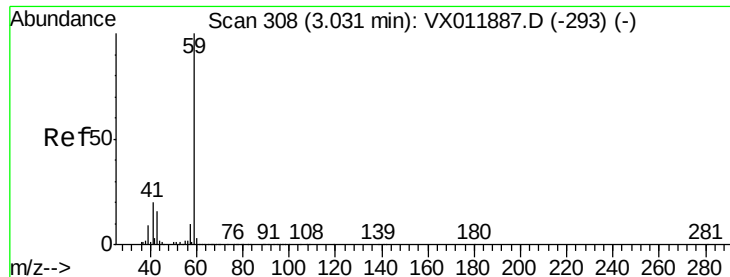
Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Tgt Ion:	142	Resp:	101043
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.7	53.5
141	14.1	11.8	17.6





#11

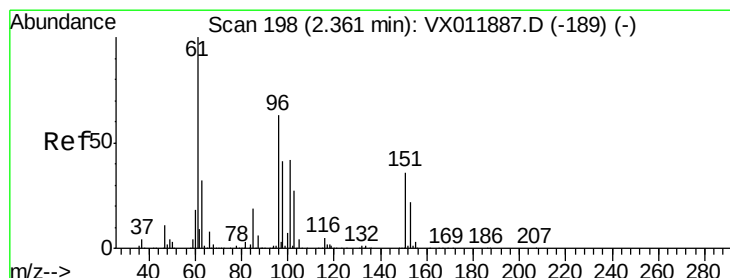
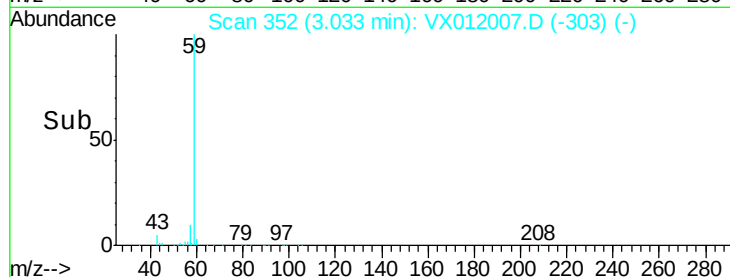
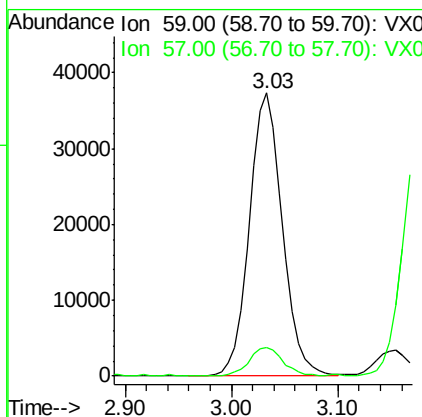
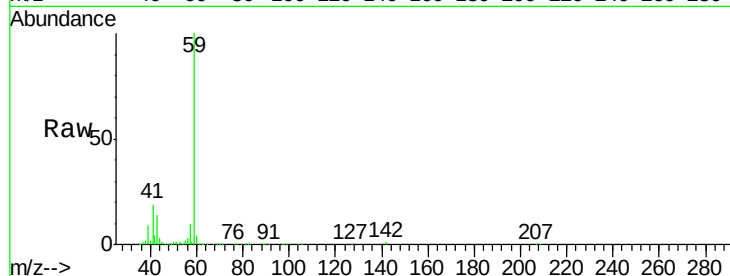
Tert butyl alcohol
Concen: 256.170 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	81377		
57	57	9.8		8.6	12.8

Manual Integrations
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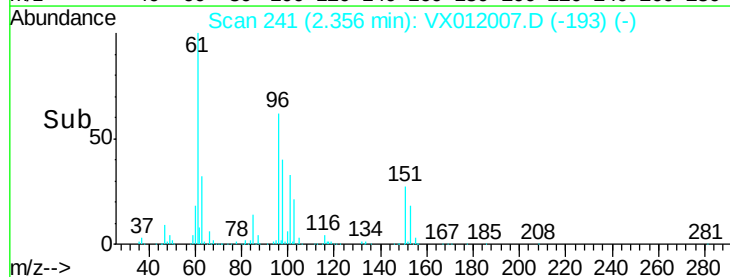
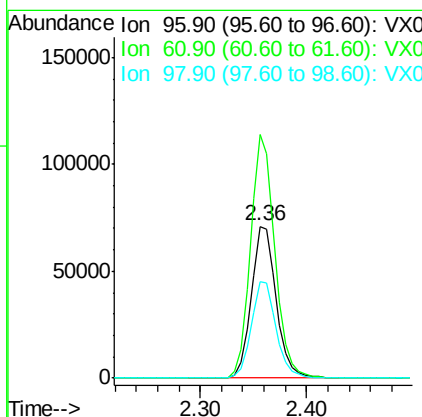
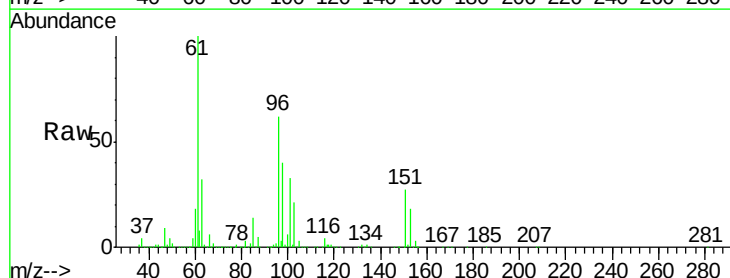
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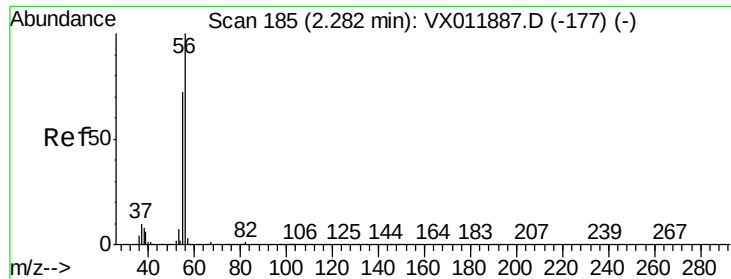


#12

1,1-Dichloroethene
Concen: 47.746 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	115571		
61	61	160.7		126.6	190.0
98	98	64.0		51.6	77.4





#13

Acrolein

Concen: 321.782 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 50877

Ion Ratio Lower Upper

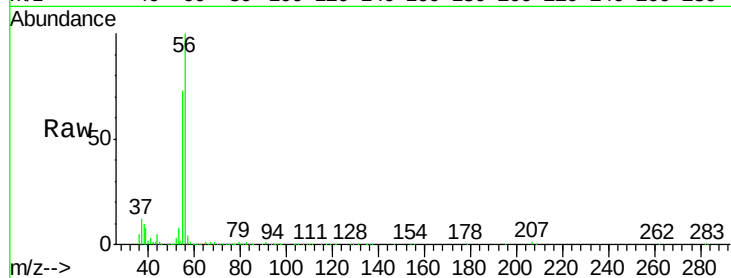
56 100

55 71.5 58.6 88.0

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

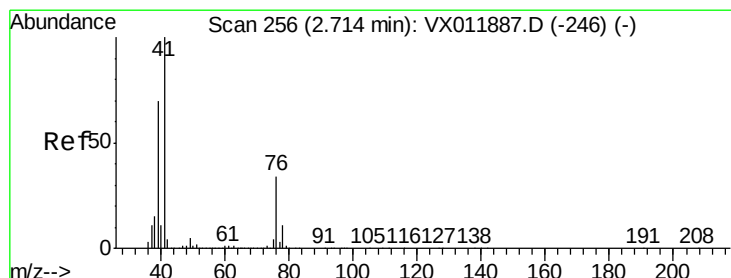
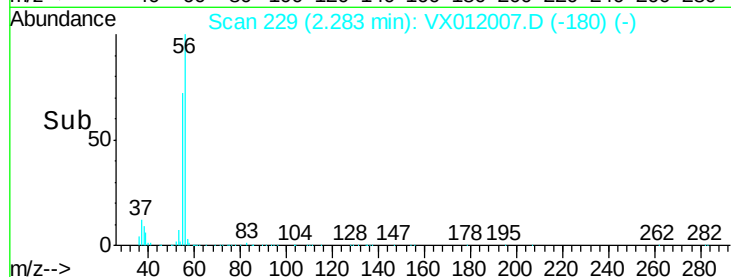
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 45.766 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

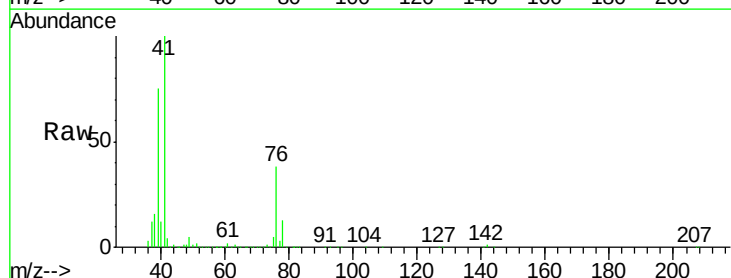
Tgt Ion: 41 Resp: 207802

Ion Ratio Lower Upper

41 100

39 72.2 55.0 82.6

76 35.9 27.0 40.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

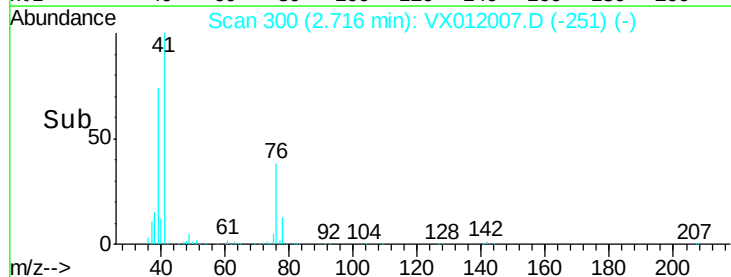
150000

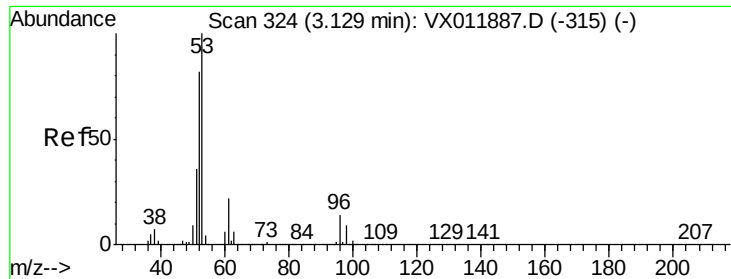
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 250.585 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

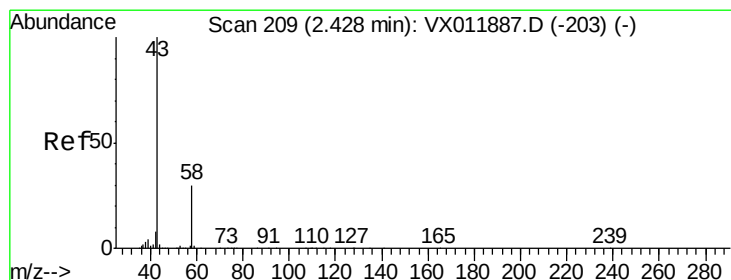
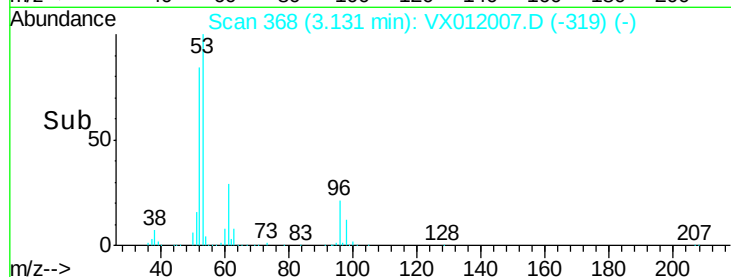
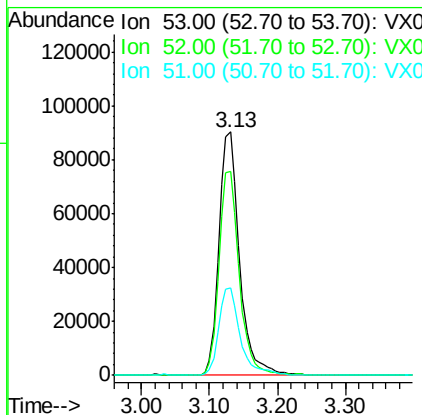
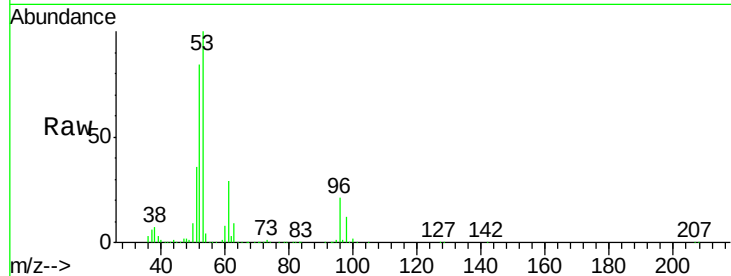
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	189156
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.3	97.9
51	37.1	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 228.725 ug/l

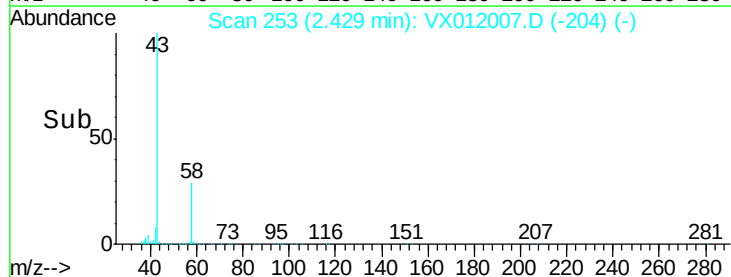
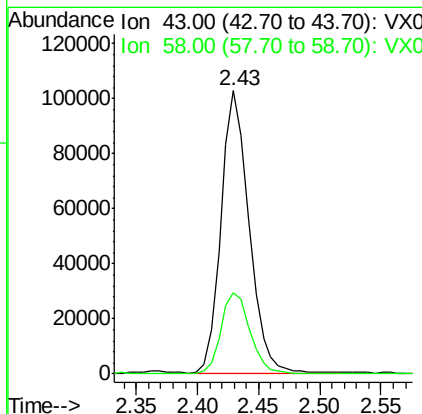
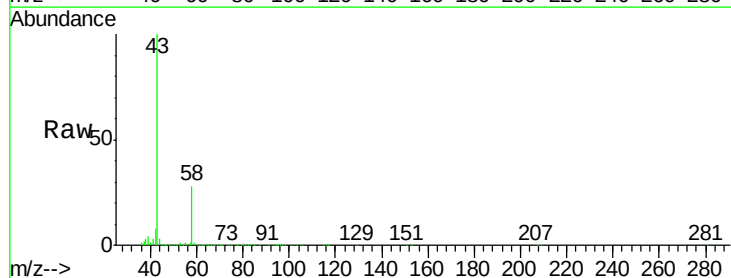
RT: 2.43 min Scan# 253

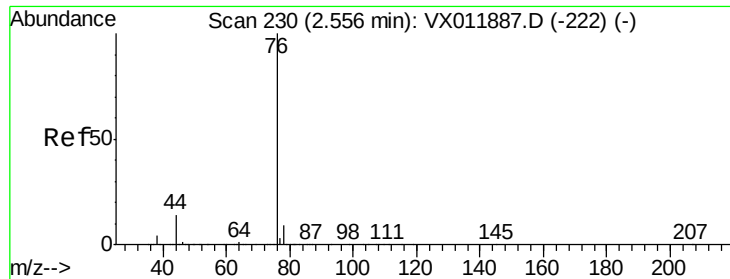
Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Tgt Ion:	43	Resp:	162495
Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.8	35.8





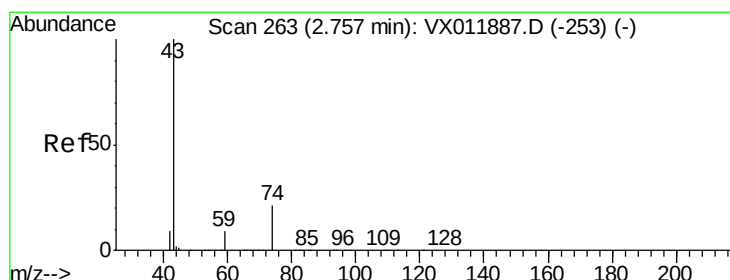
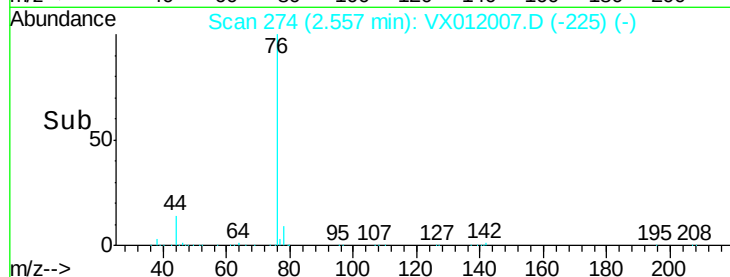
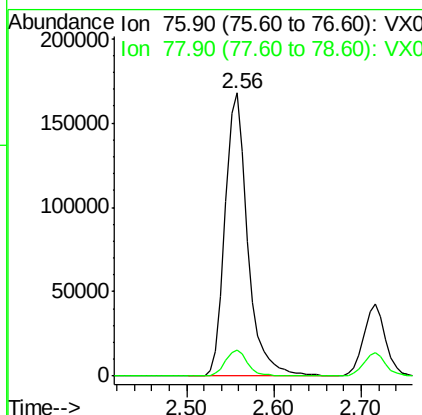
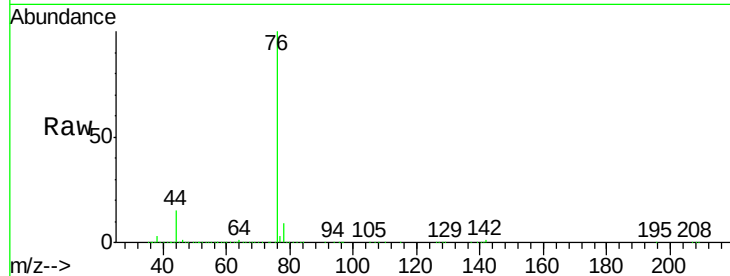
#17
Carbon Disulfide
Concen: 43.406 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

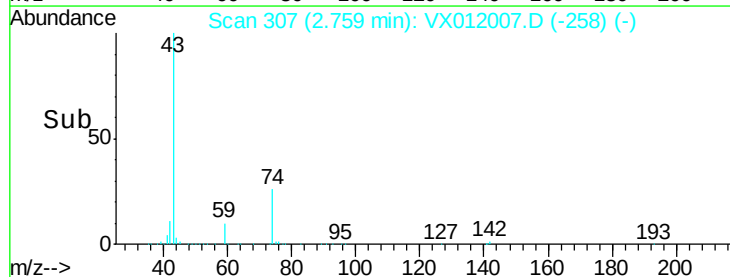
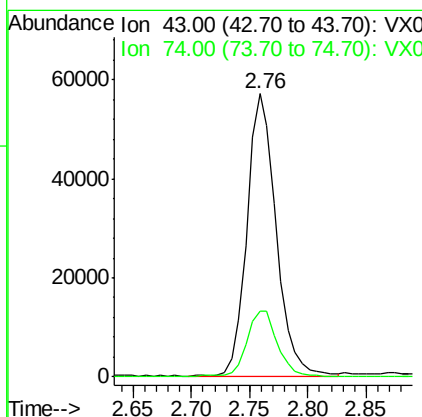
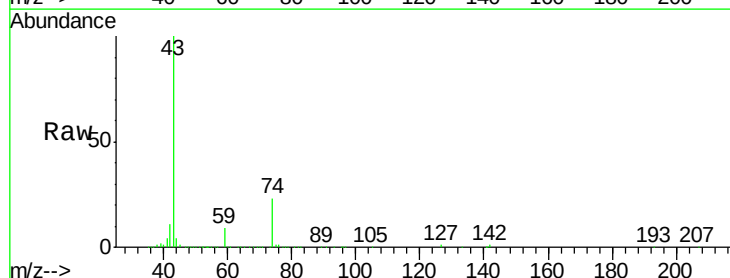
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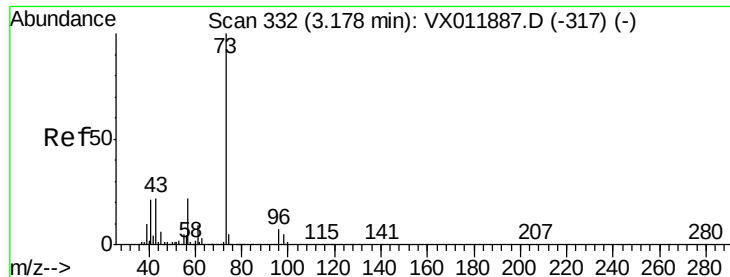
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#18
Methyl Acetate
Concen: 50.503 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	18.4	27.6





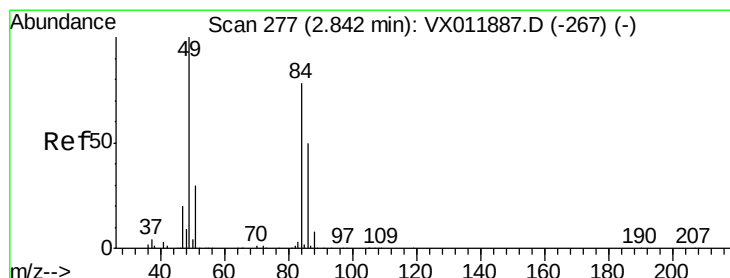
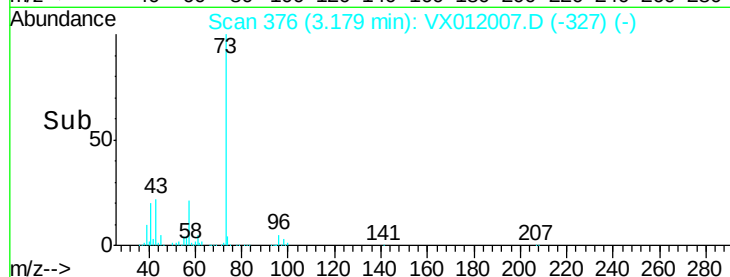
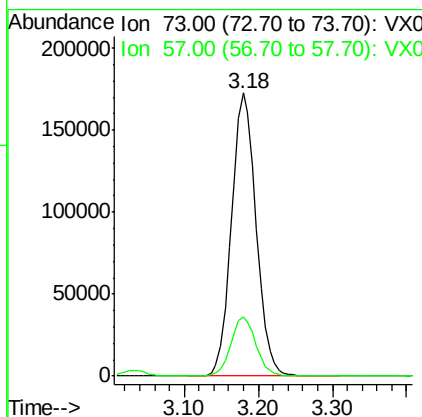
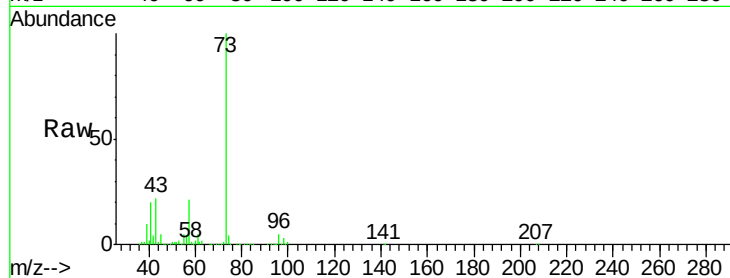
#19
Methyl tert-butyl Ether
Concen: 51.138 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.0

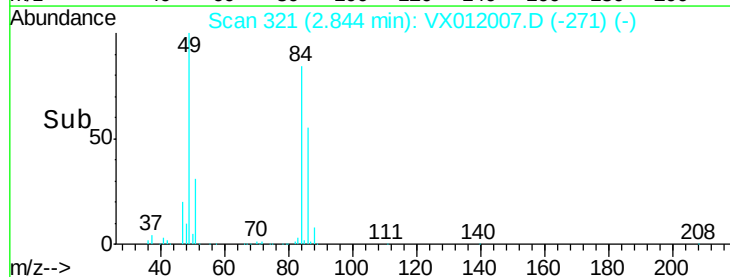
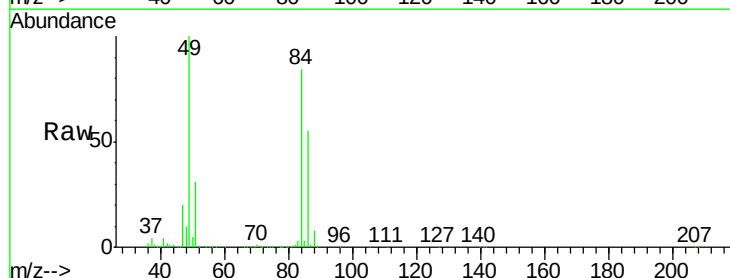
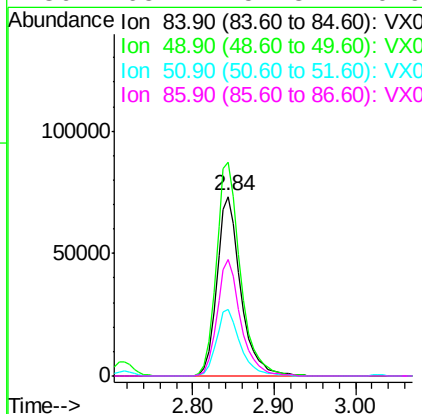
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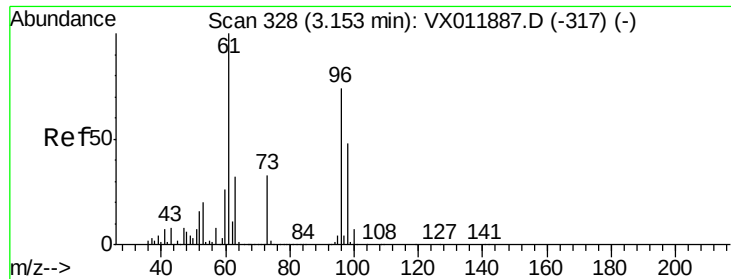
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#20
Methylene Chloride
Concen: 49.096 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	103.0	154.4
51	36.8	30.8	46.2
86	65.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 49.595 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 141409

Ion Ratio Lower Upper

96 100

61 133.8 107.4 161.2

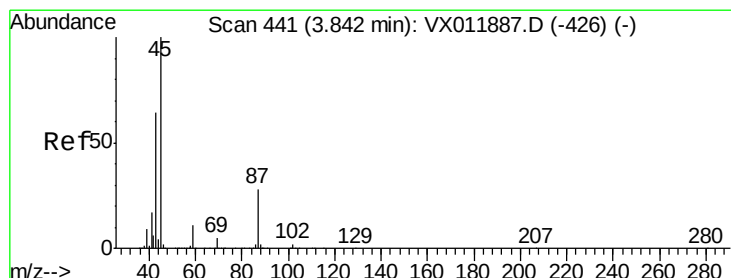
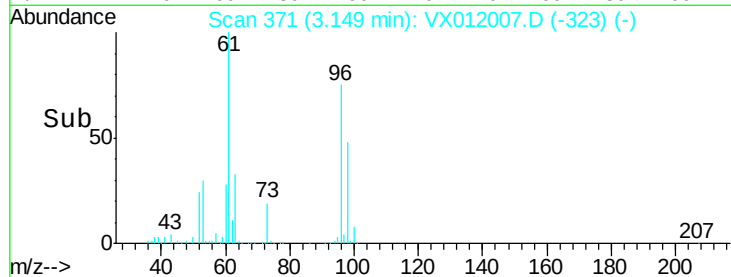
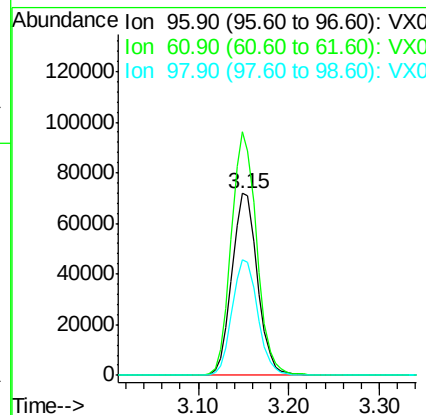
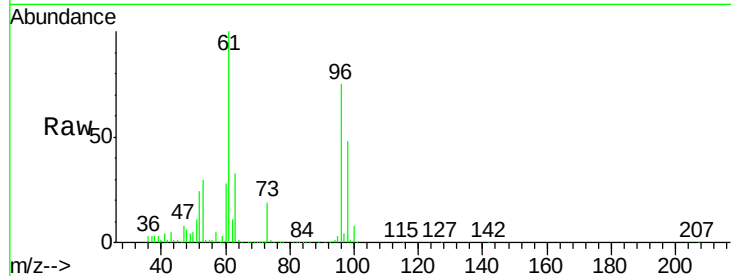
98 63.8 51.4 77.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 48.341 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Tgt Ion: 45 Resp: 448098

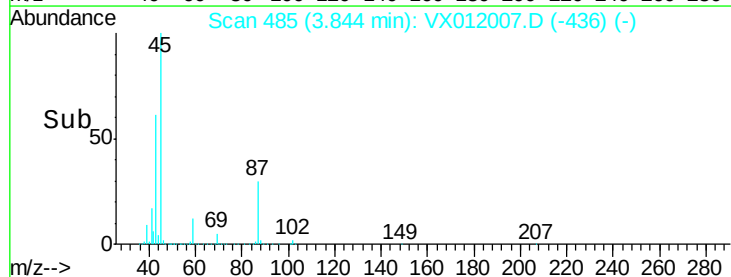
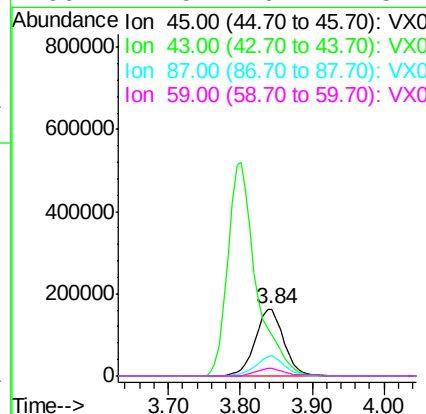
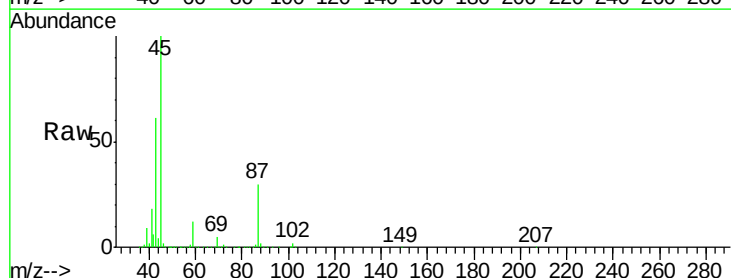
Ion Ratio Lower Upper

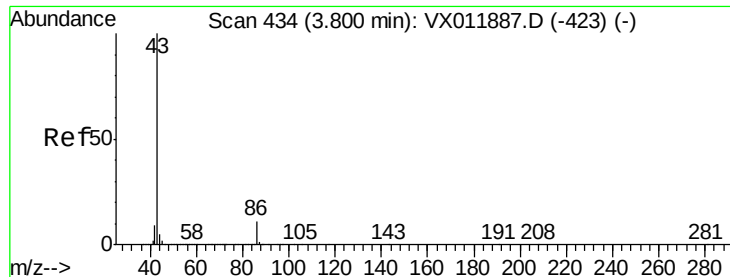
45 100

43 60.9 51.0 76.6

87 30.0 22.0 33.0

59 11.5 9.1 13.7





#23

Vinyl Acetate

Concen: 238.583 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1421849

Ion Ratio Lower Upper

43 100

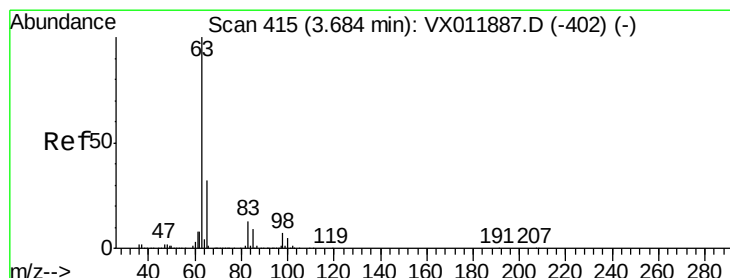
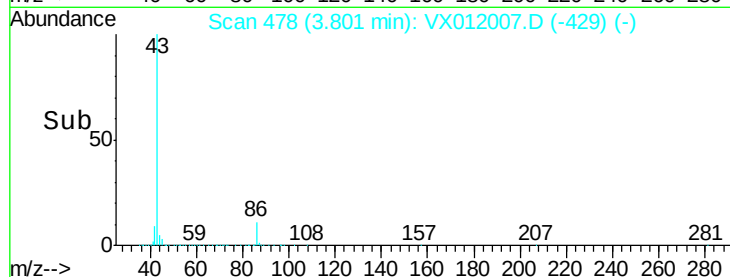
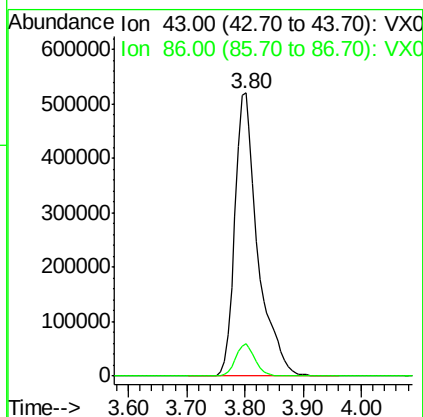
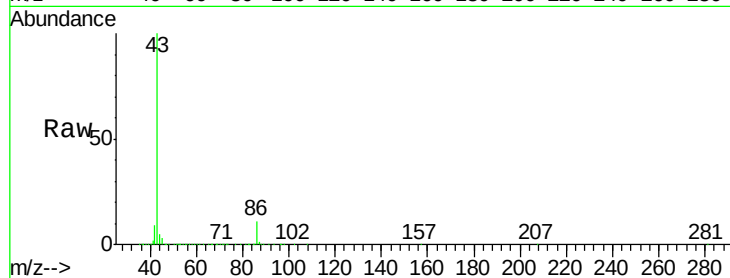
86 11.3 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.542 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

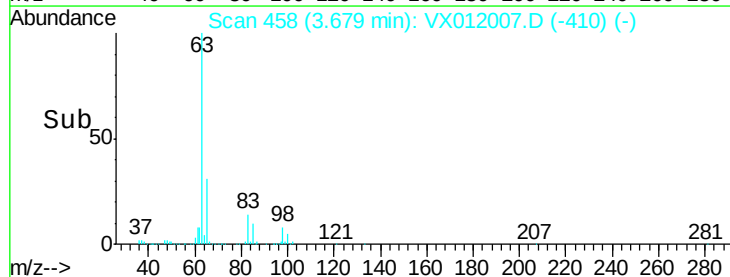
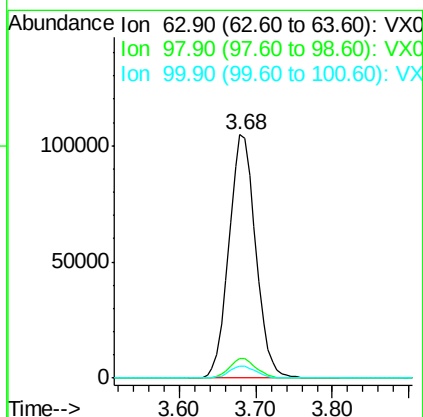
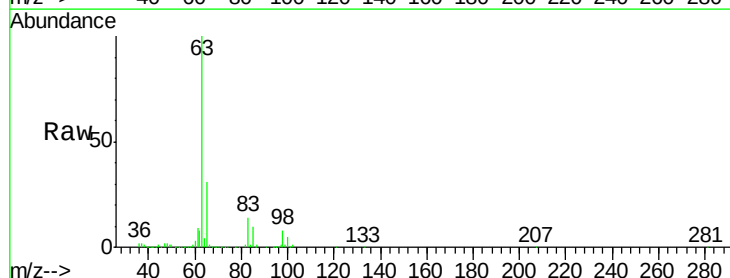
Tgt Ion: 63 Resp: 253241

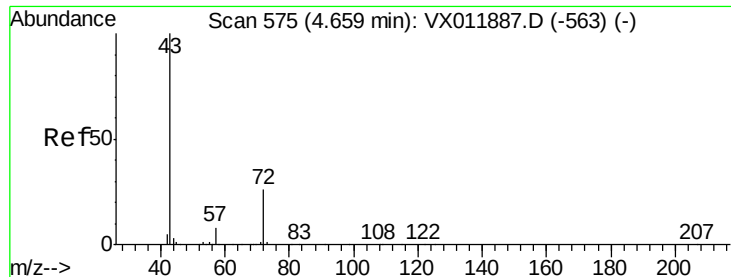
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 247.039 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 255618

Ion Ratio Lower Upper

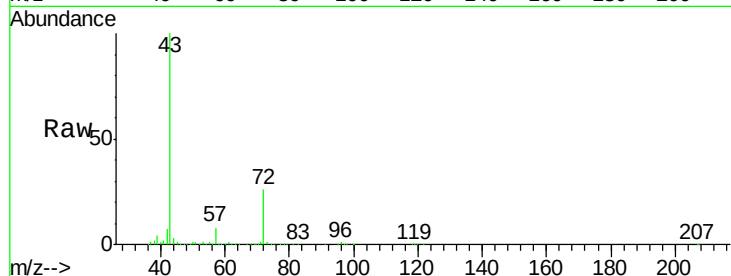
43 100

72 25.8 21.0 31.4

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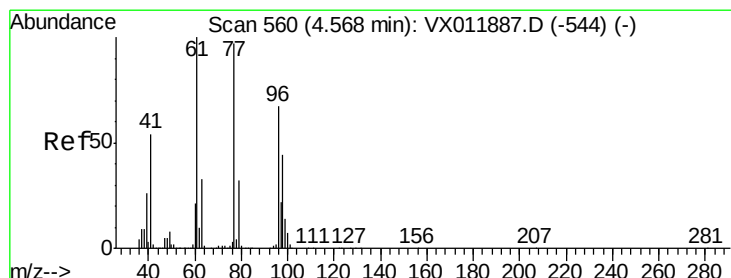
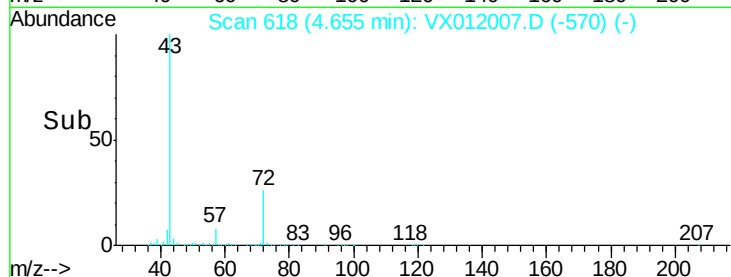
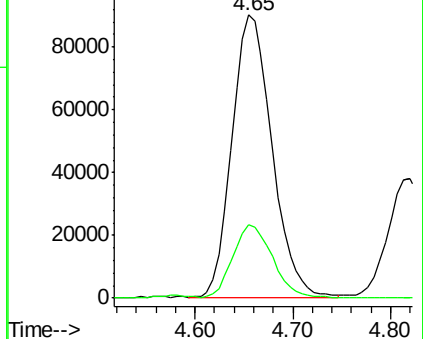
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.781 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX012007.D

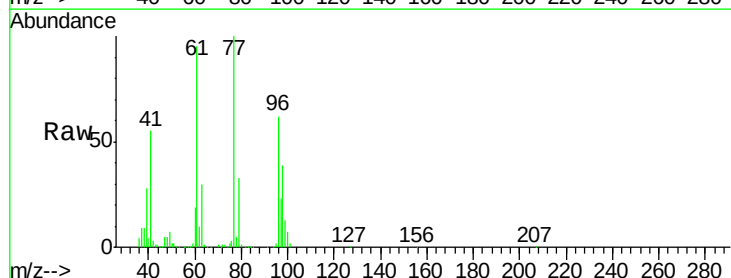
Acq: 01 Sep 2019 22:11

Tgt Ion: 77 Resp: 200563

Ion Ratio Lower Upper

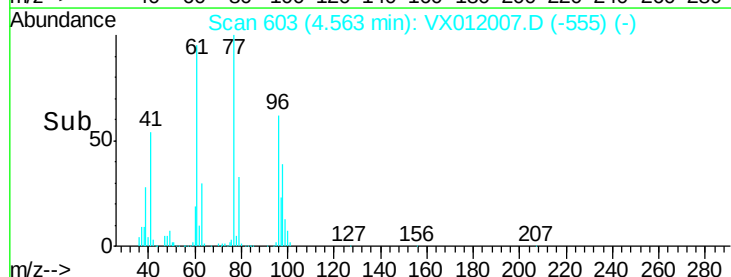
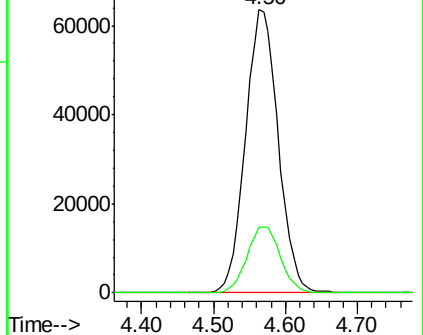
77 100

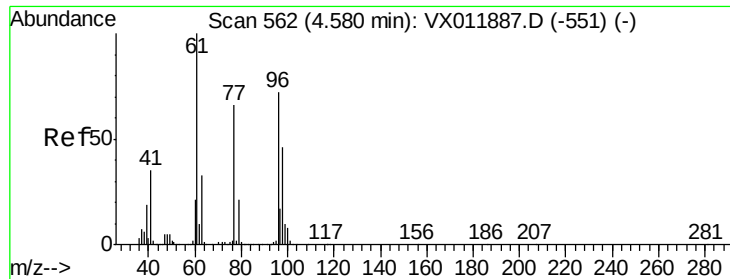
97 24.0 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

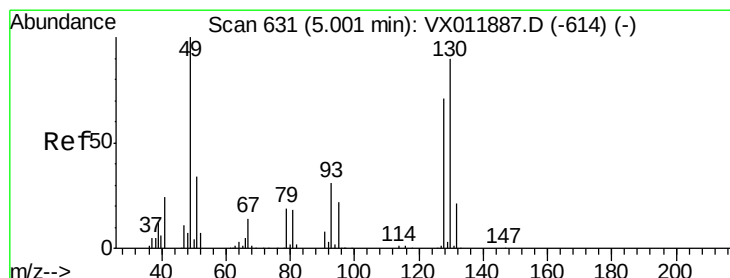
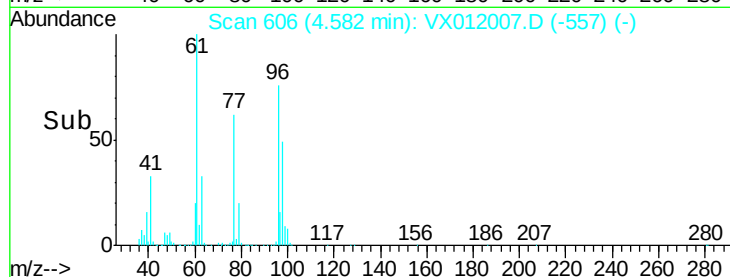
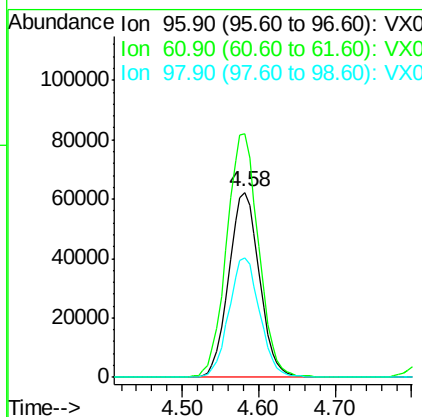
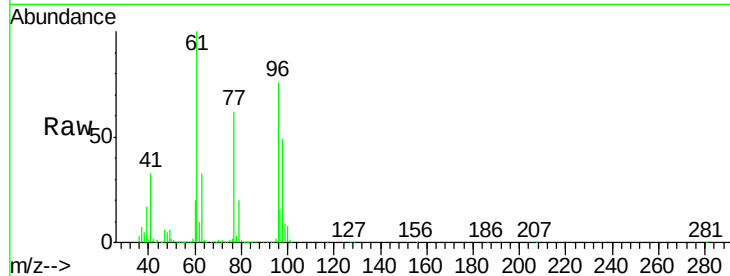
cis-1,2-Dichloroethene
Concen: 51.629 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	173396		
61	137.4	0.0	283.8	
98	64.9	0.0	131.2	

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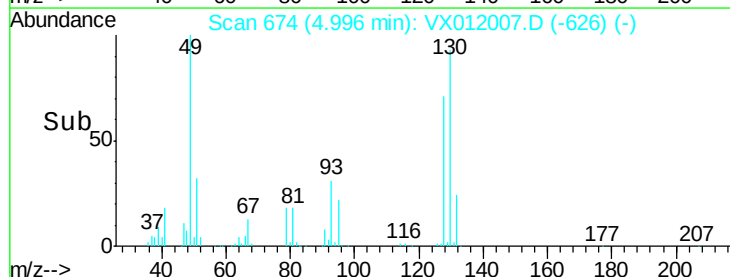
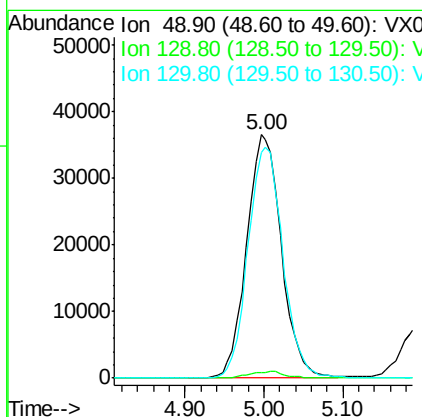
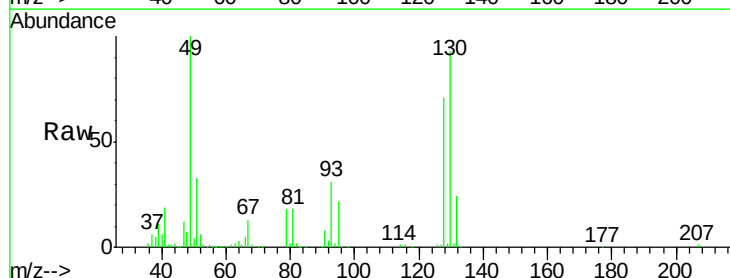
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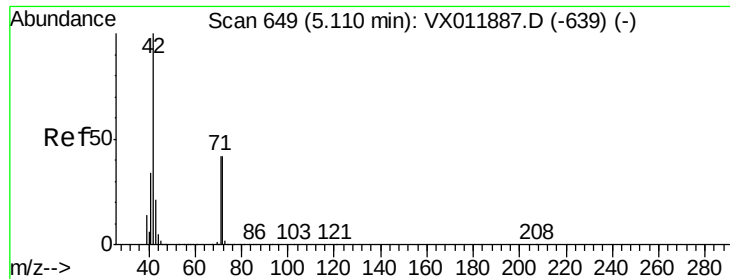


#28

Bromochloromethane
Concen: 48.680 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111656		
129	2.7	0.0	4.8	
130	95.6	70.6	105.8	





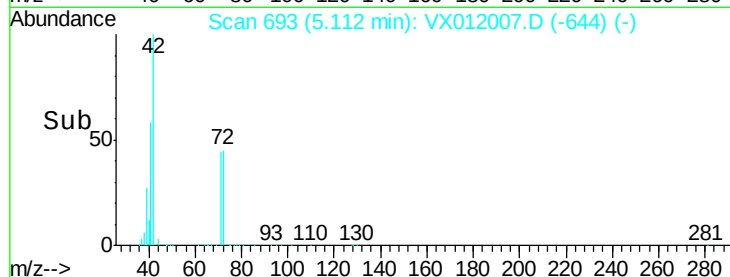
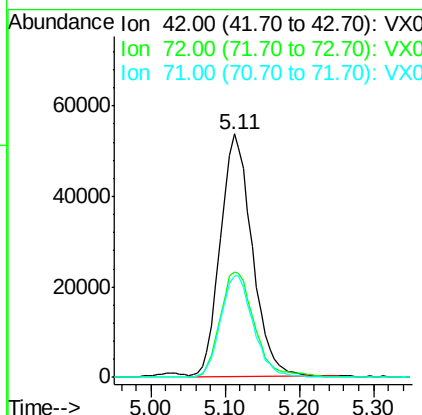
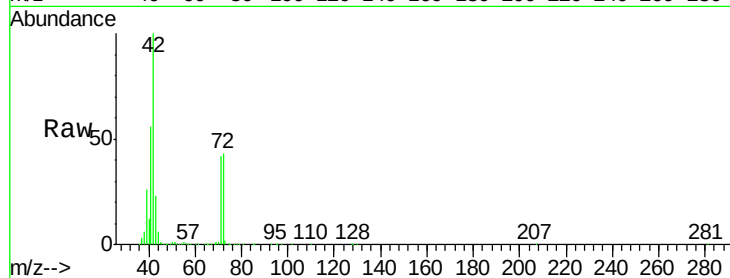
#29
Tetrahydrofuran
Concen: 246.571 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	159245
Ion Ratio	Lower	Upper	
42	100		
72	47.2	36.2	54.4
71	42.9	33.1	49.7

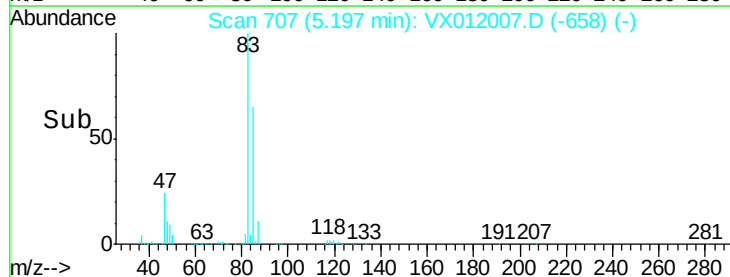
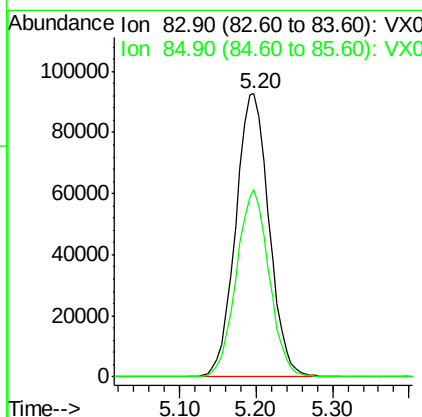
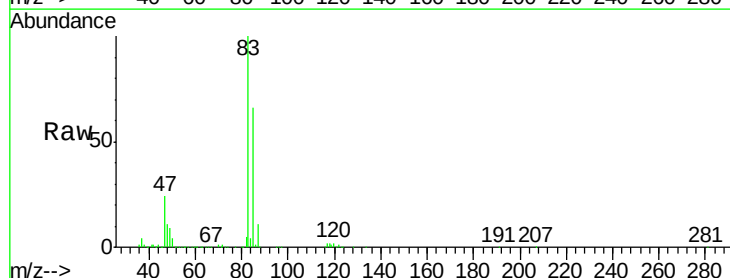
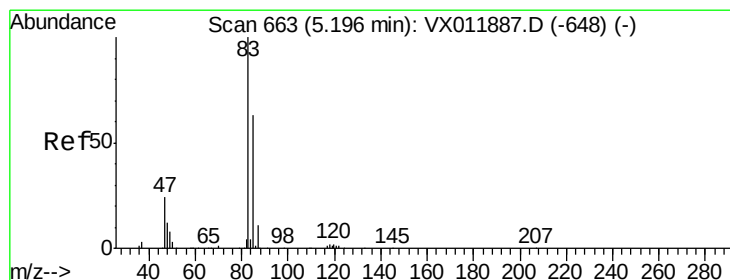
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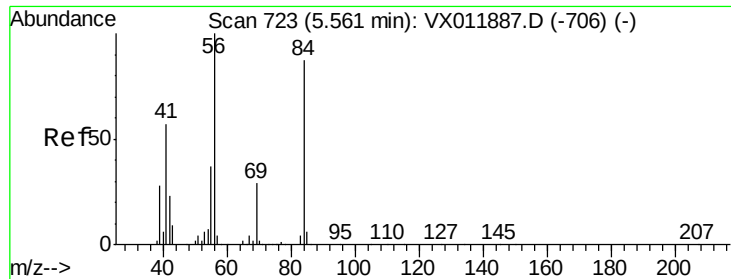
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#30
Chloroform
Concen: 51.293 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion:	83	Resp:	280342
Ion Ratio	Lower	Upper	
83	100		
85	66.1	50.6	75.8





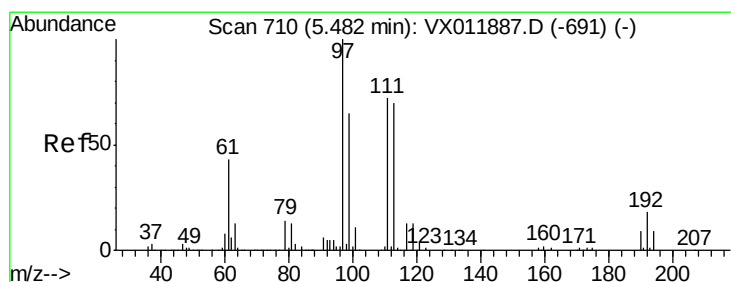
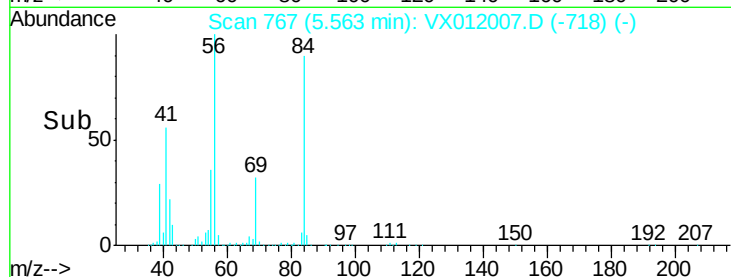
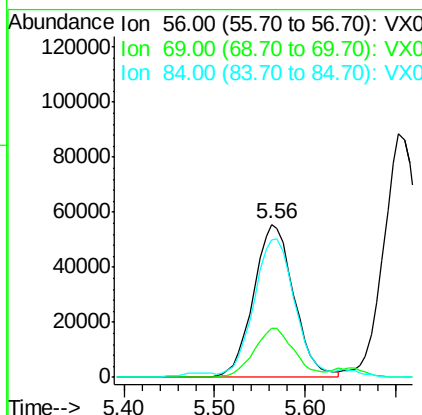
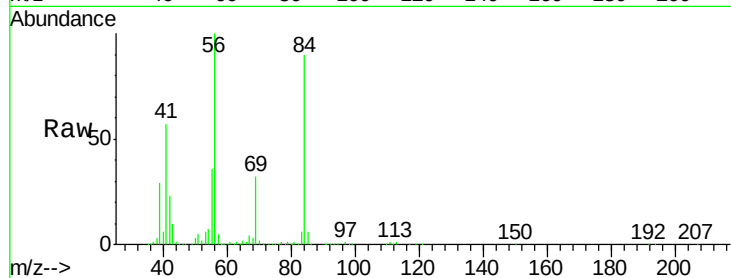
#31
Cyclohexane
Concen: 41.356 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	23.1	34.7
84	87.5	69.6	104.4

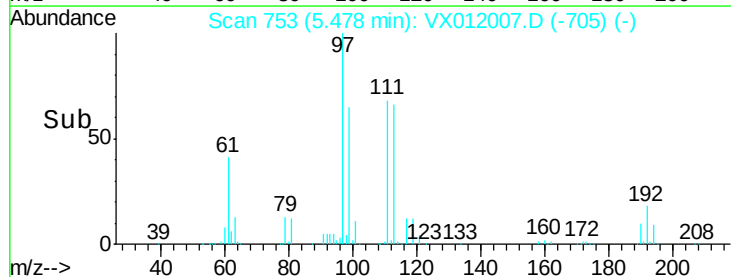
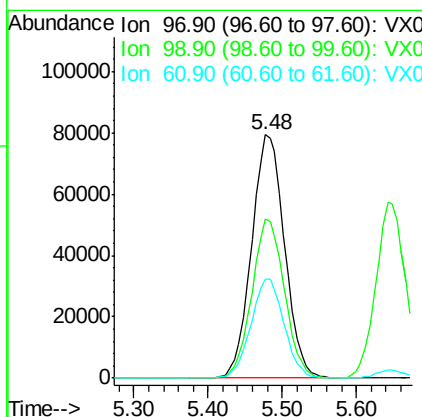
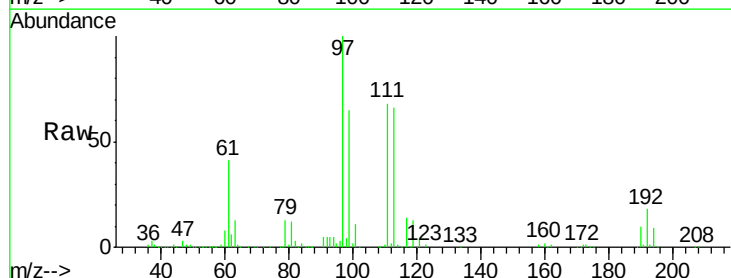
Manual Integrations
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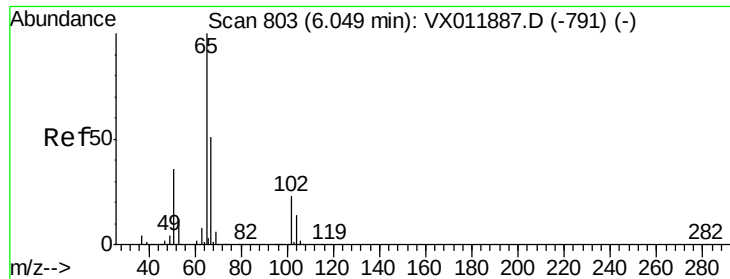
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#32
1,1,1-Trichloroethane
Concen: 50.664 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	41.1	33.8	50.6





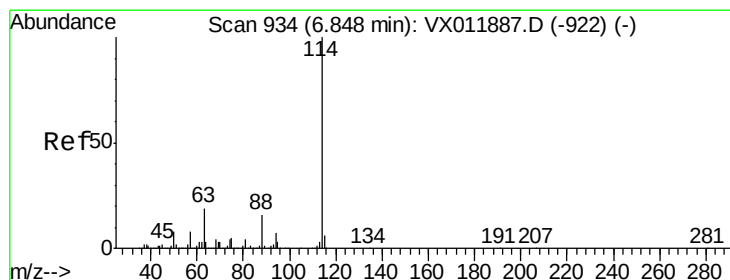
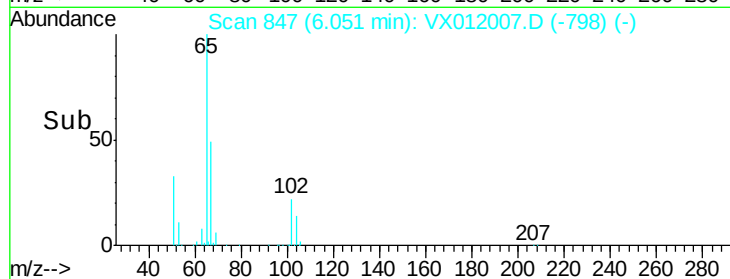
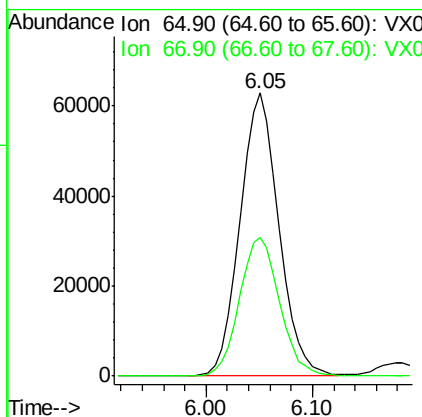
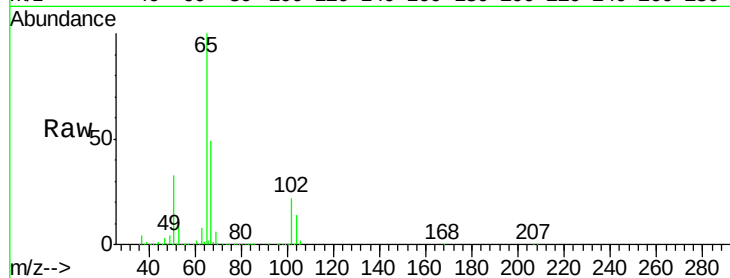
#33
 1,2-Dichloroethane-d4
 Concen: 48.585 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.2

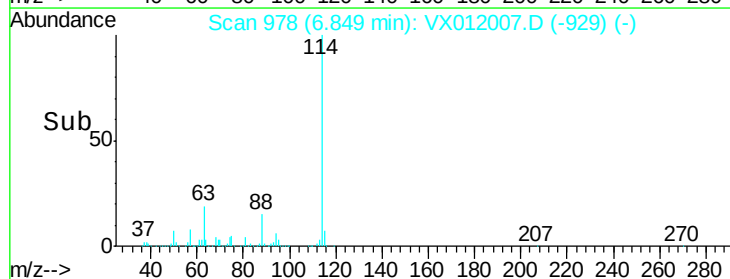
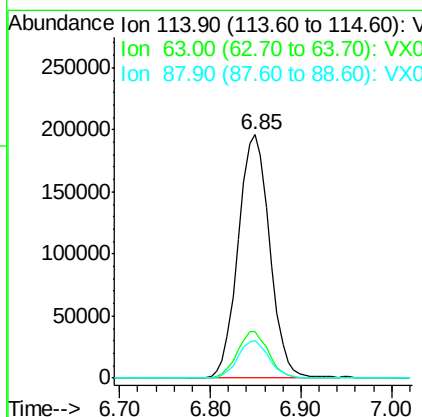
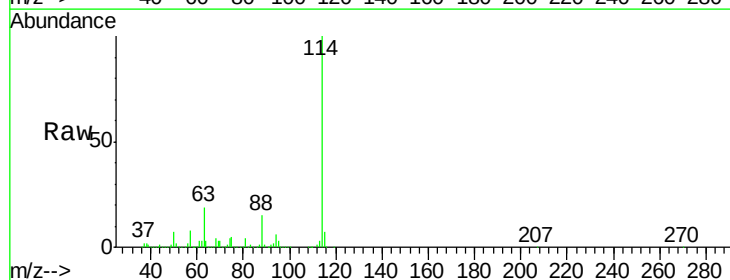
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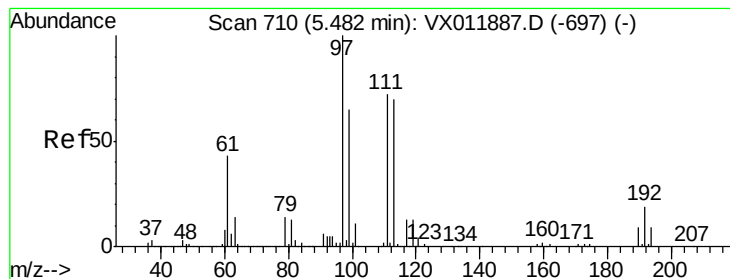
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.8
88	15.4	0.0	31.2





#35

Dibromofluoromethane

Concen: 51.798 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

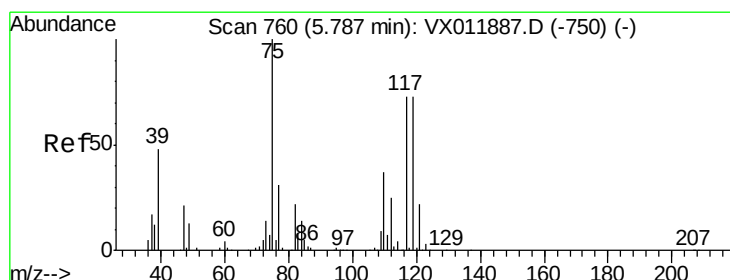
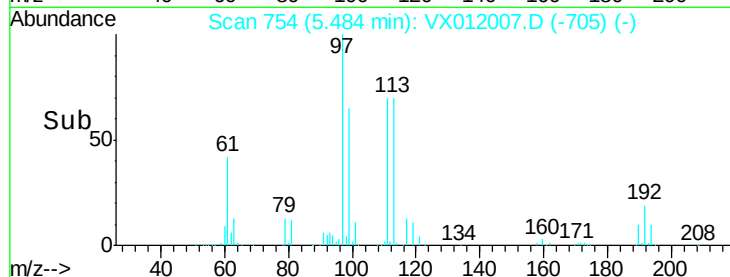
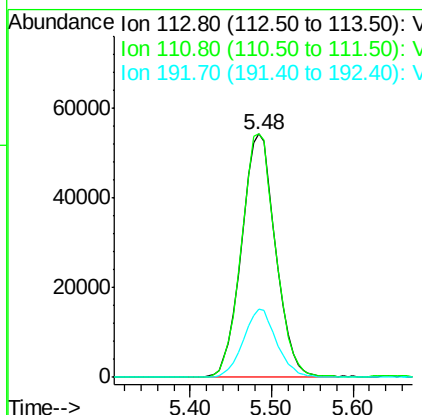
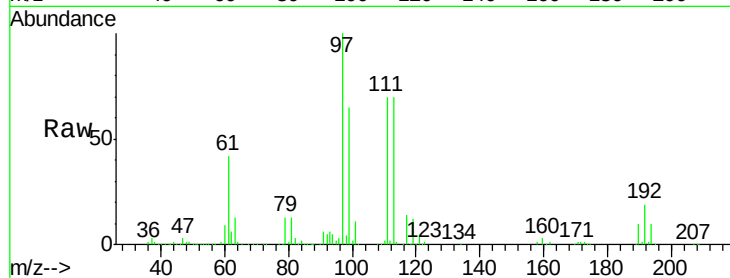
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	157135
Ion Ratio	Lower	Upper	
113	100		
111	100.6	82.1	123.1
192	27.5	21.5	32.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.208 ug/l

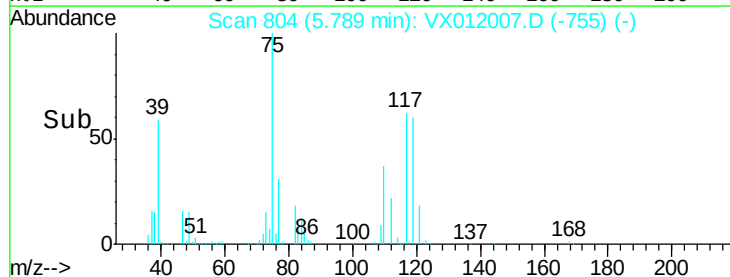
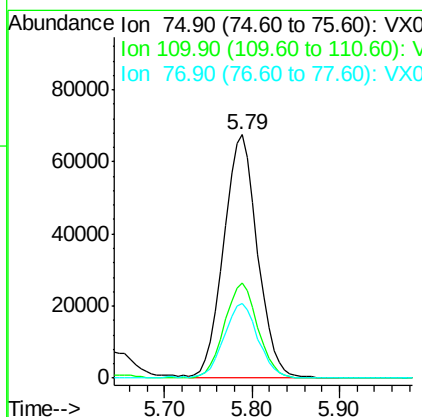
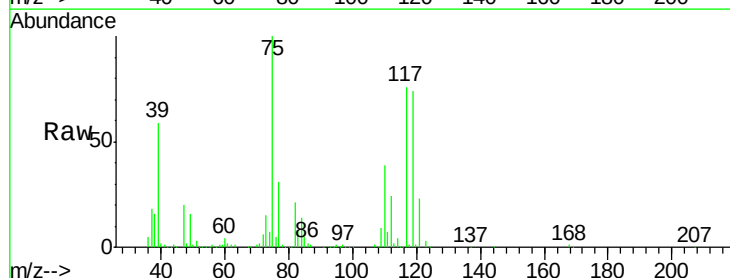
RT: 5.79 min Scan# 804

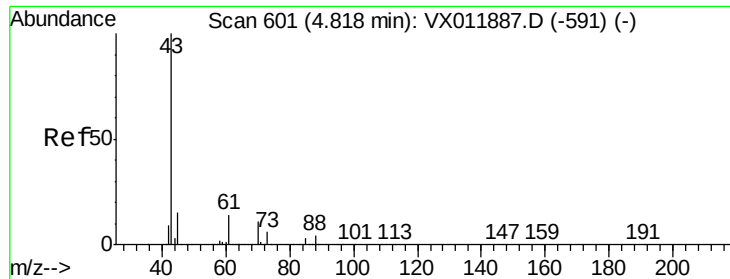
Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Tgt Ion:	75	Resp:	180680
Ion Ratio	Lower	Upper	
75	100		
110	39.0	19.1	57.3
77	30.5	24.4	36.6





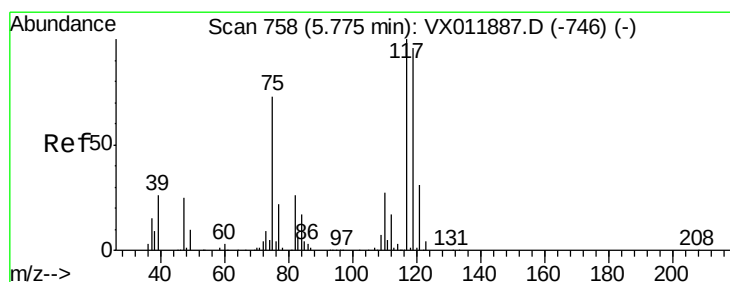
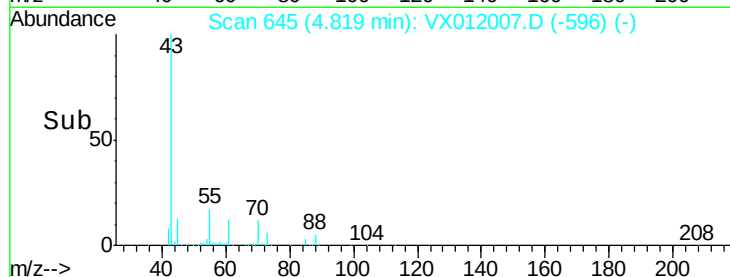
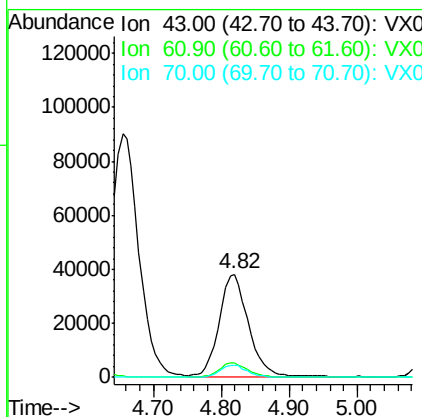
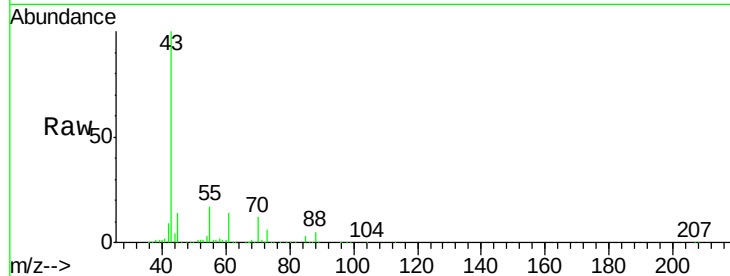
#37
Ethyl Acetate
Concen: 50.794 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	11.8	9.2	13.8

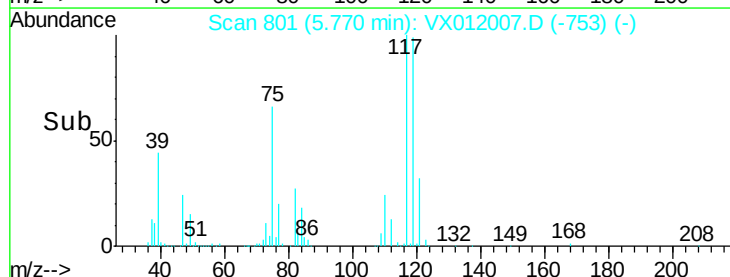
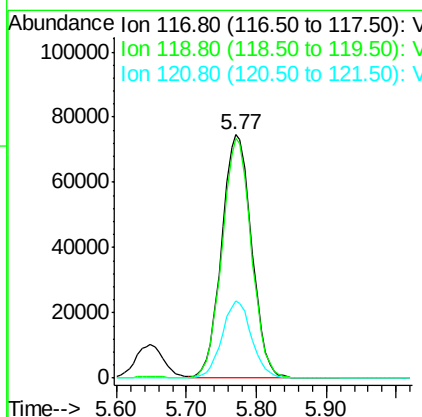
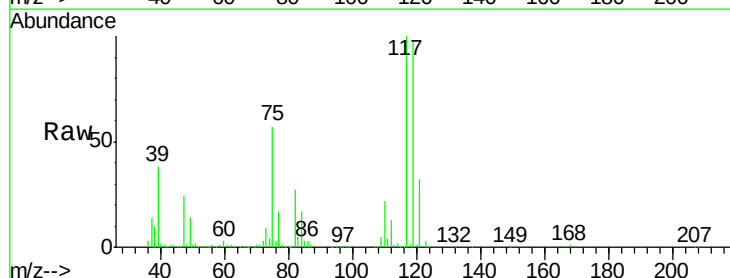
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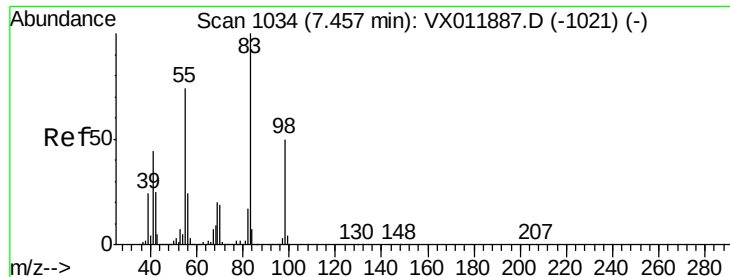
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#38
Carbon Tetrachloride
Concen: 51.100 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.6	114.8
121	31.5	24.7	37.1





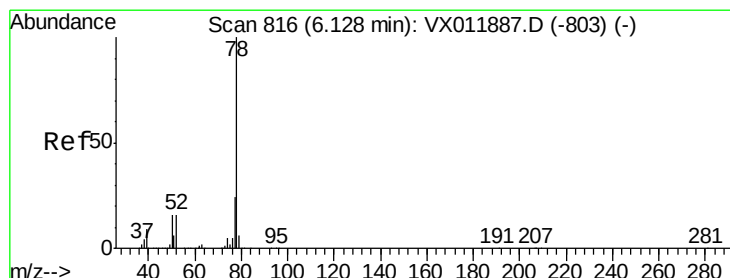
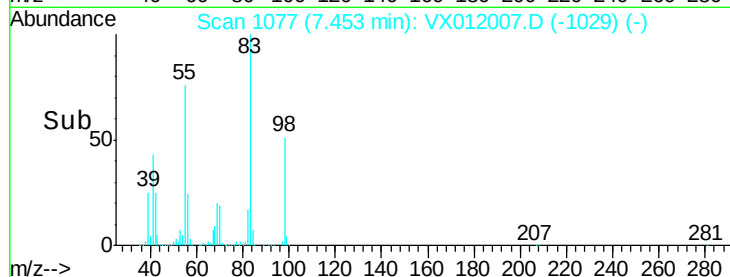
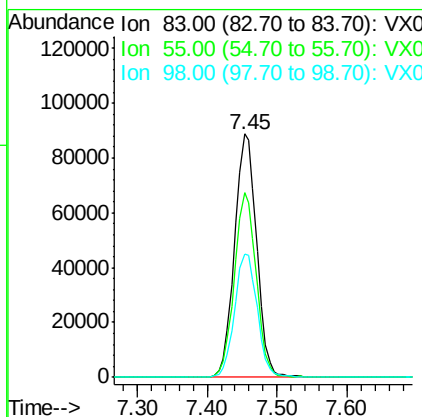
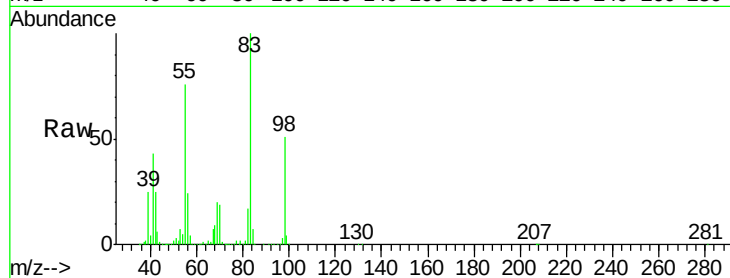
#39
Methylvlcyclohexane
Concen: 43.807 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.4	89.0
98	50.8	40.3	60.5

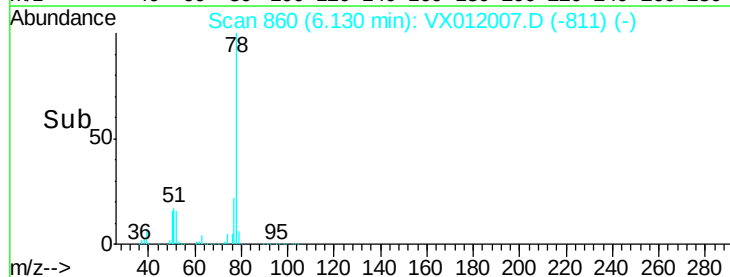
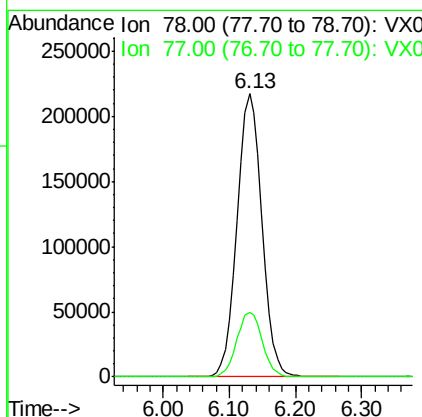
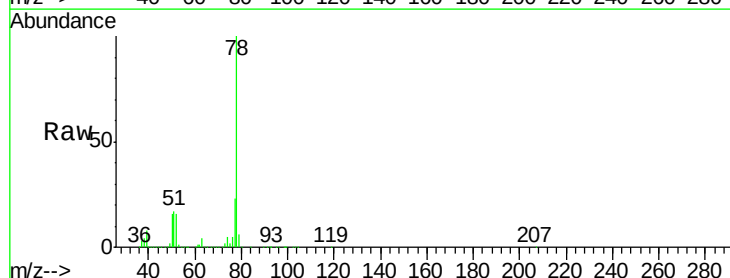
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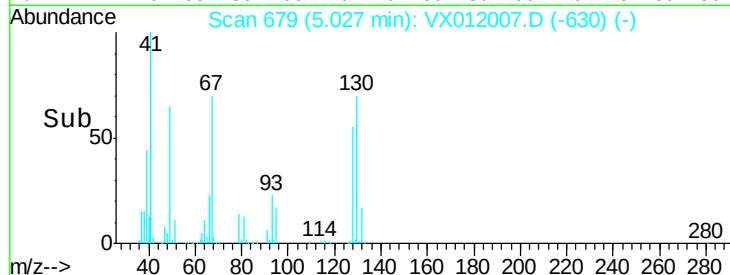
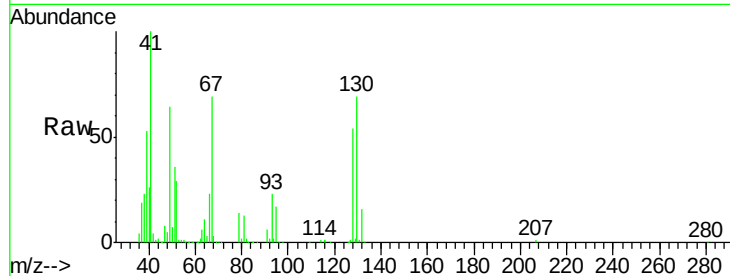
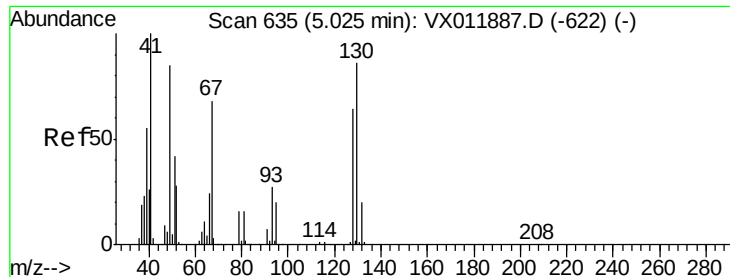
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#40
Benzene
Concen: 50.752 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

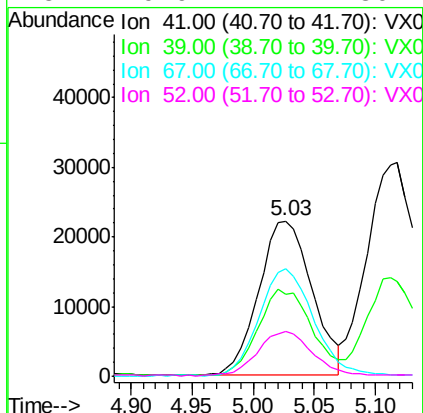
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





#41
Methacrylonitrile
Concen: 51.670 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

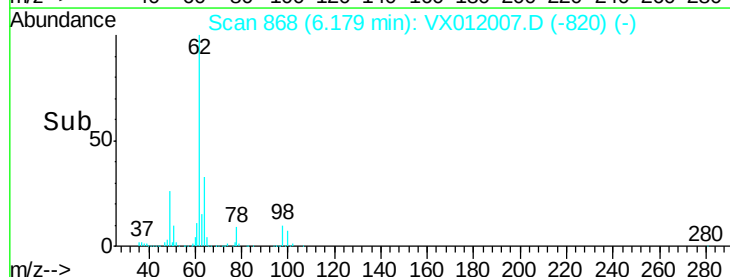
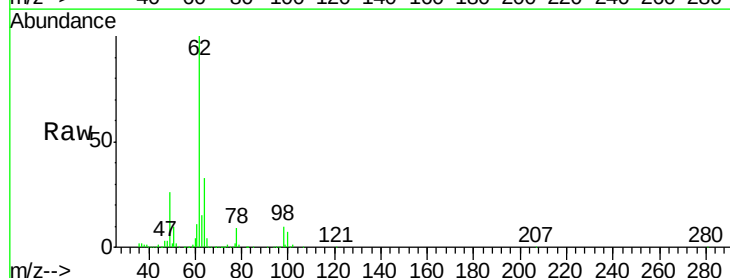
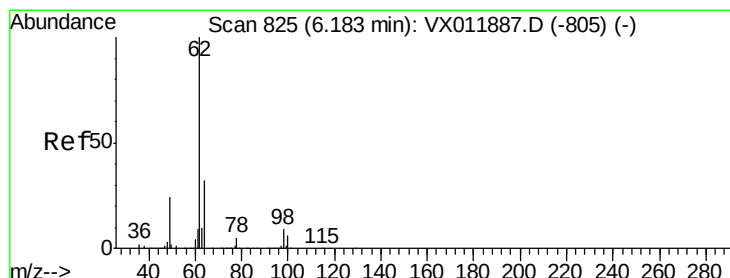
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	67496		
39	39	55.9	45.0	67.6	
67	67	70.8	55.0	82.4	
52	52	29.9	24.1	36.1	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

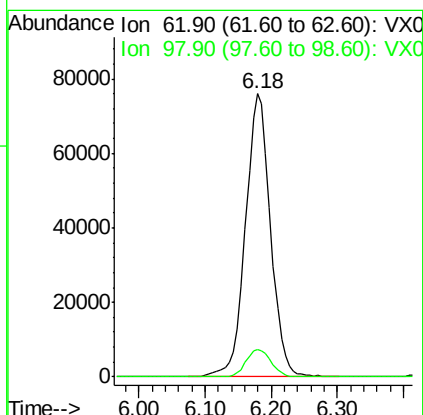
Manual Integrations
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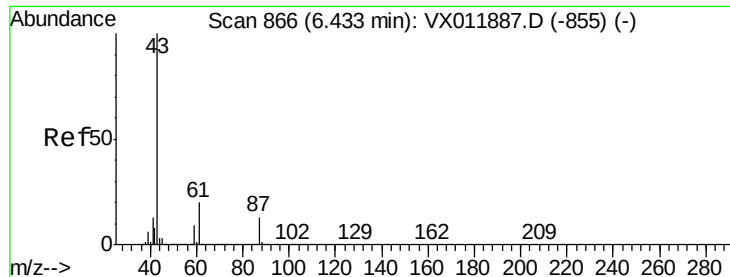
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.344 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	199142		
98	98	9.9	0.0	19.2	





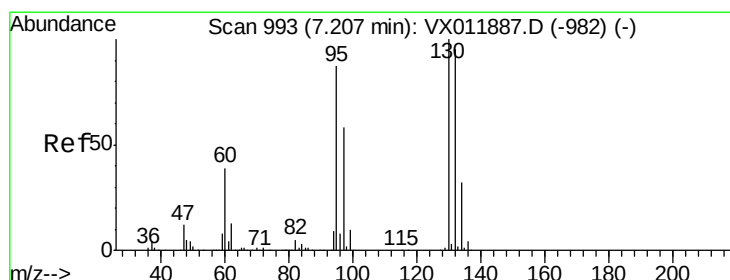
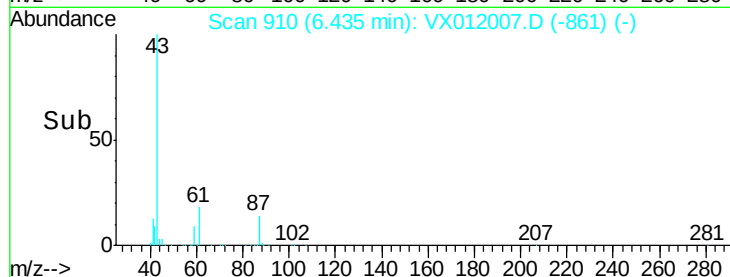
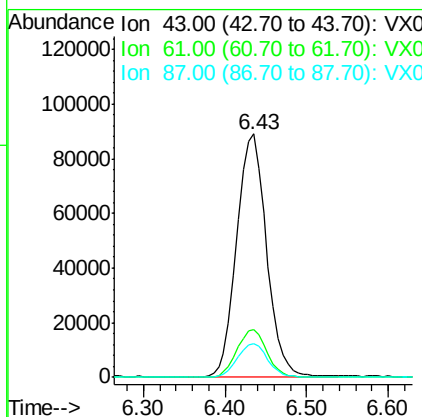
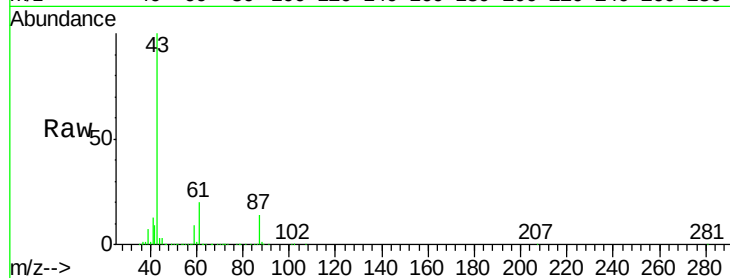
#43
Isopropyl Acetate
Concen: 50.117 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	14.2	10.6	16.0

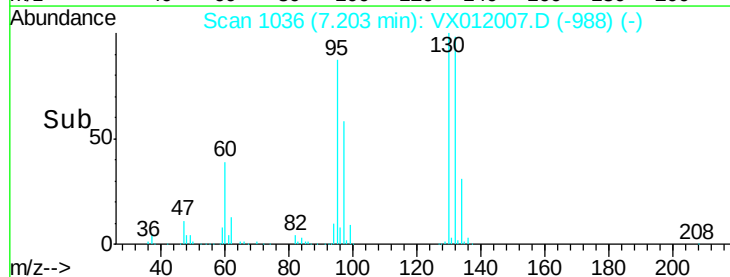
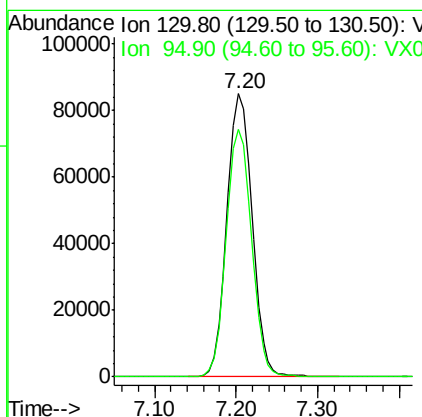
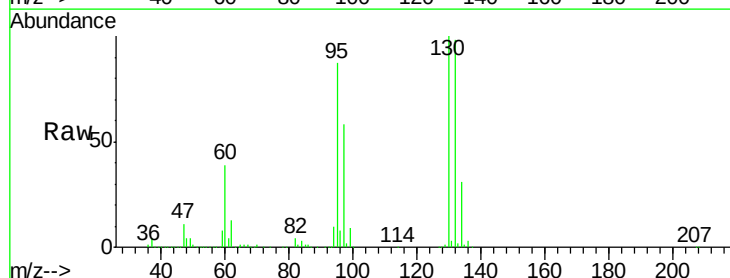
Manual Integrations
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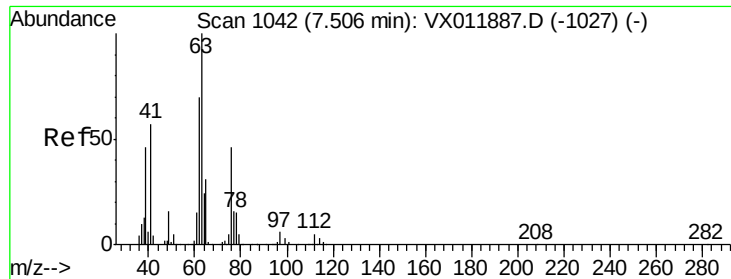
MMDadoda
9/5/2019 2:04:54 AM



#44
Trichloroethene
Concen: 52.720 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.3	0.0	174.6





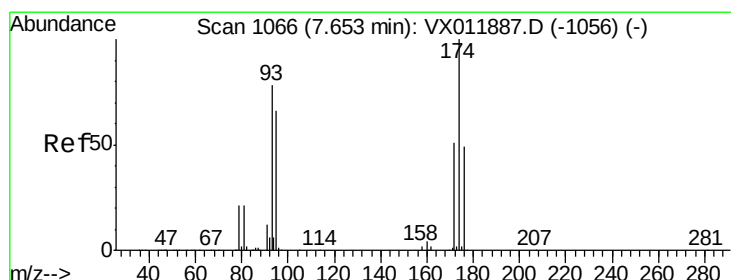
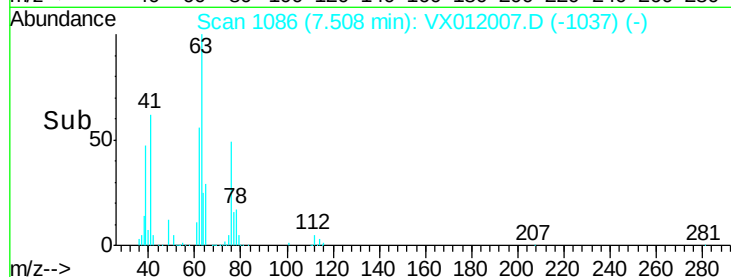
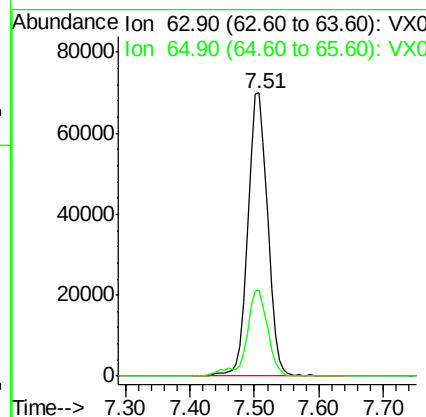
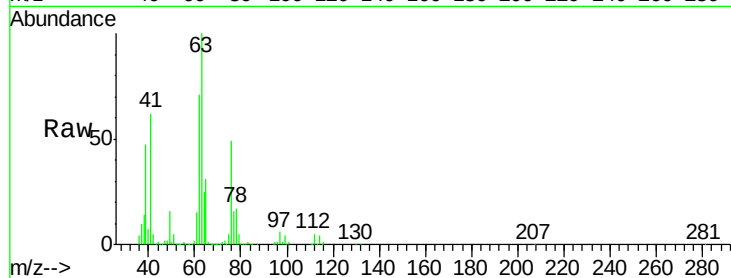
#45
 1,2-Dichloropropane
 Concen: 50.216 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.1	37.7

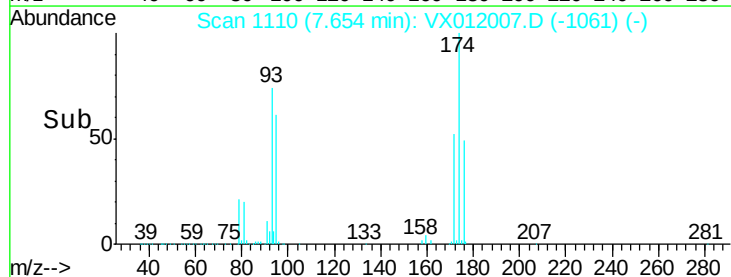
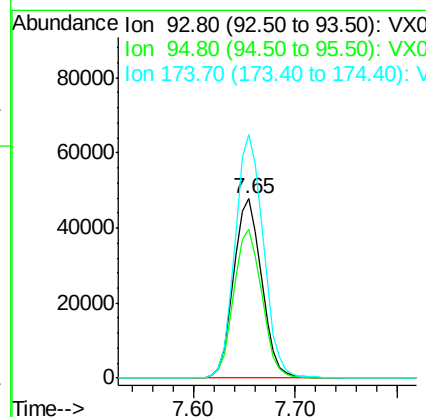
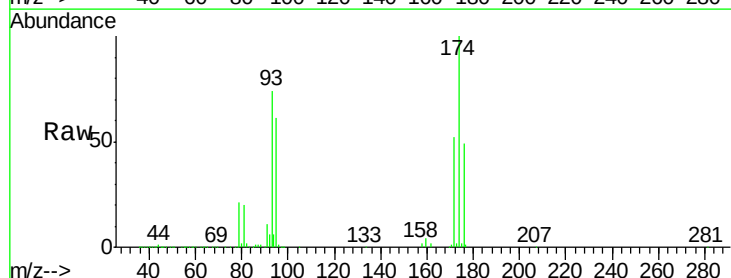
Manual Integrations
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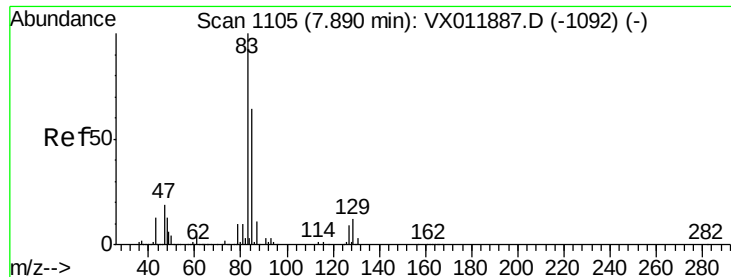
MMDadoda
 9/5/2019 2:04:54 AM



#46
 Dibromomethane
 Concen: 52.507 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.7	98.5
174	136.2	104.2	156.4





#47

Bromodichloromethane

Concen: 52.402 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

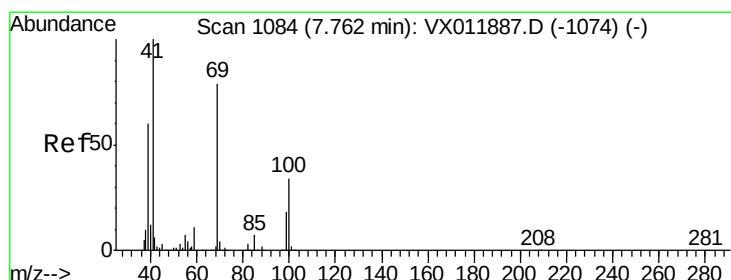
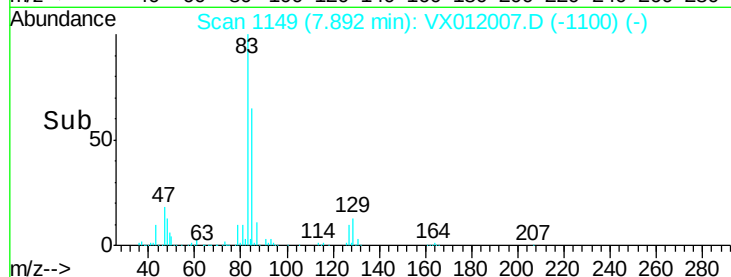
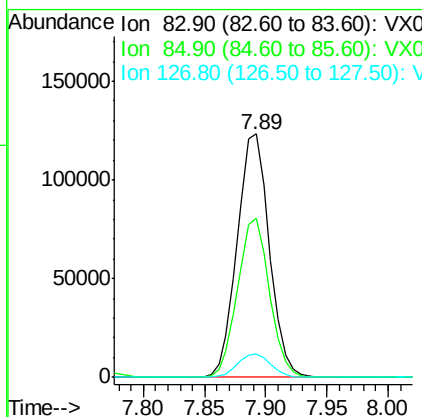
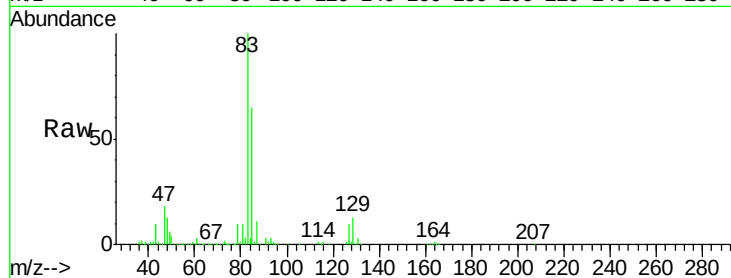
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	225674
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7
127	9.8	7.4	11.2

Manual Integrations
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MMDadoda
9/5/2019 2:04:54 AM



#48

Methyl methacrylate

Concen: 51.000 ug/l

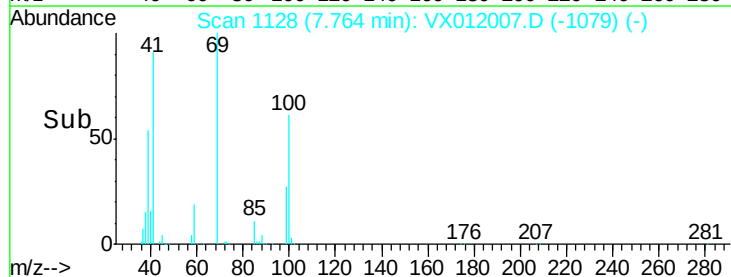
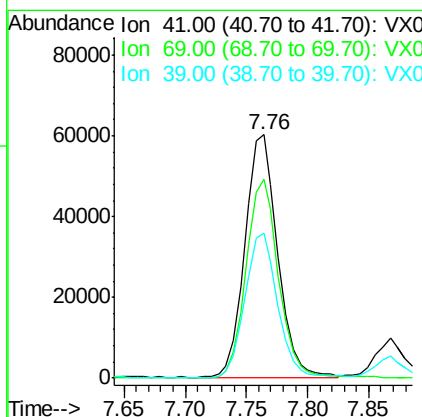
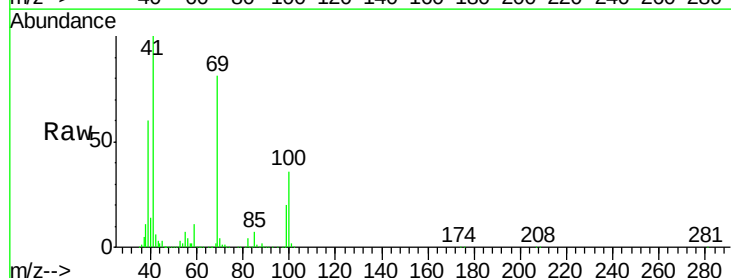
RT: 7.76 min Scan# 1128

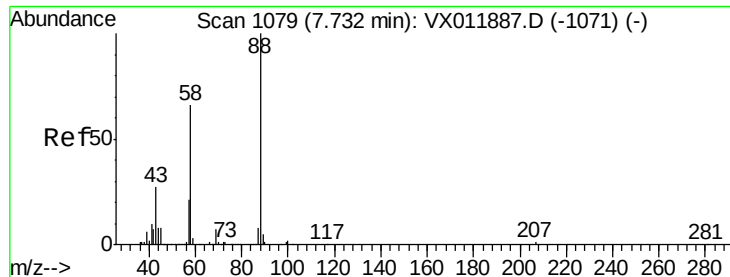
Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Tgt Ion:	41	Resp:	111617
Ion	Ratio	Lower	Upper
41	100		
69	82.5	64.4	96.6
39	59.3	47.2	70.8





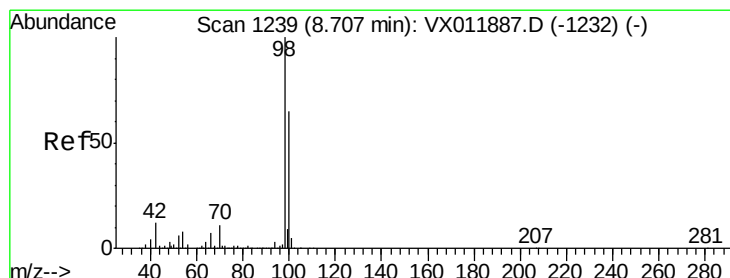
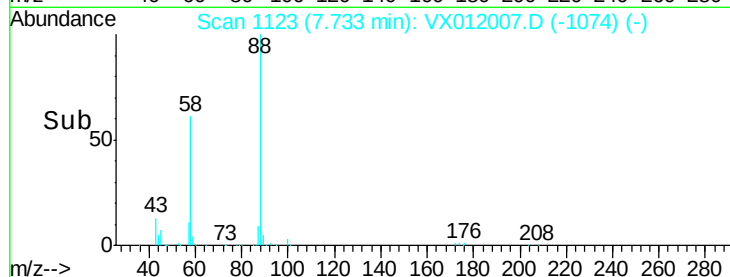
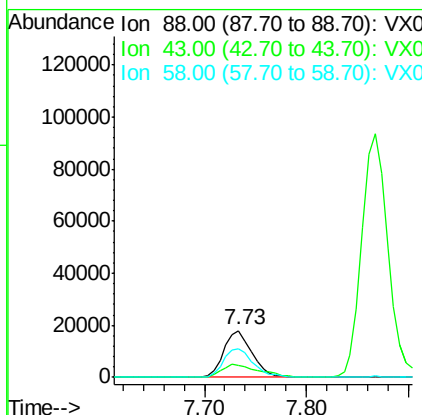
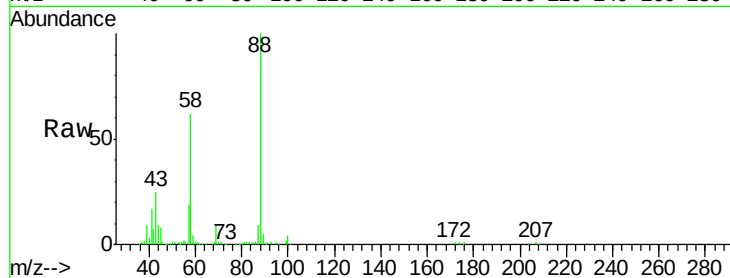
#49
 1,4-Dioxane
 Concen: 1139.007 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	27.3	40.9
58	66.5	53.9	80.9

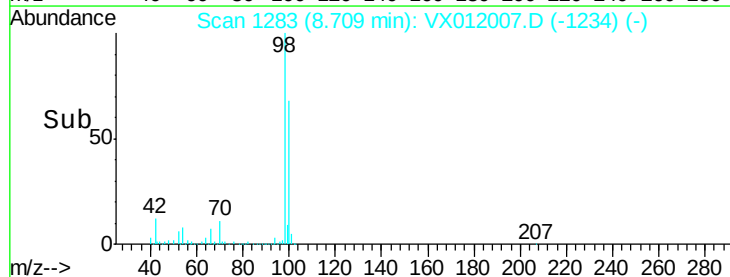
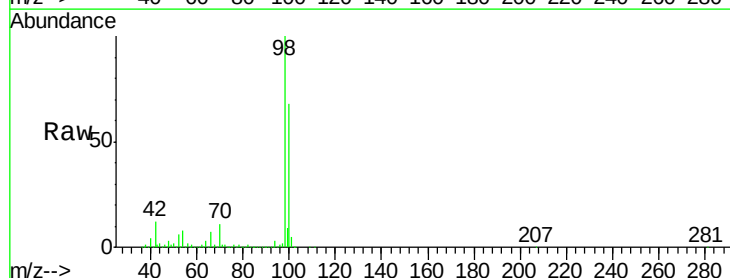
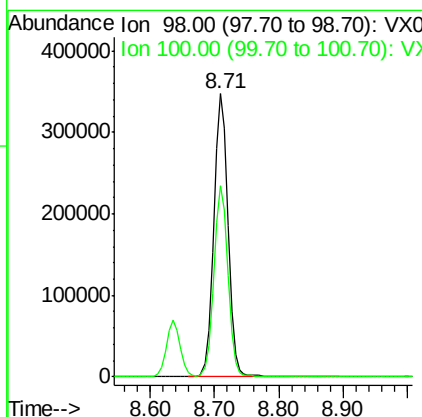
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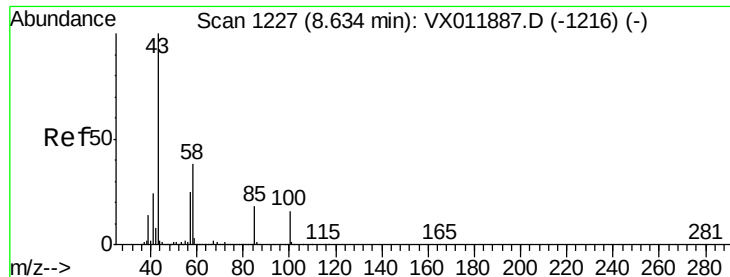
MMDadoda
 9/5/2019 2:04:54 AM



#50
 Toluene-d8
 Concen: 50.189 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.6





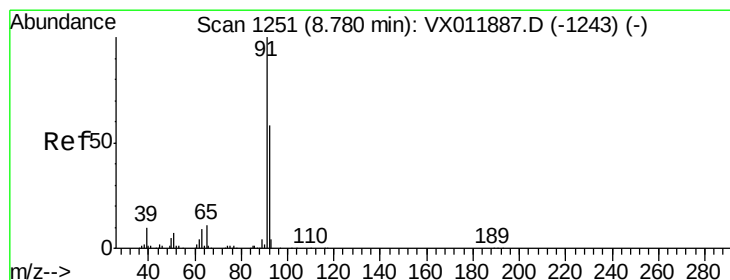
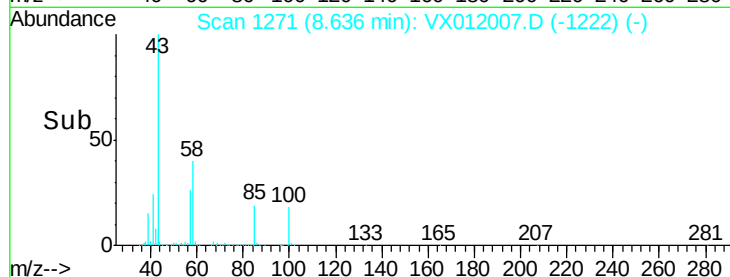
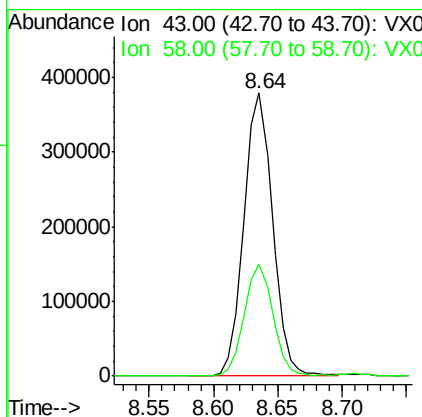
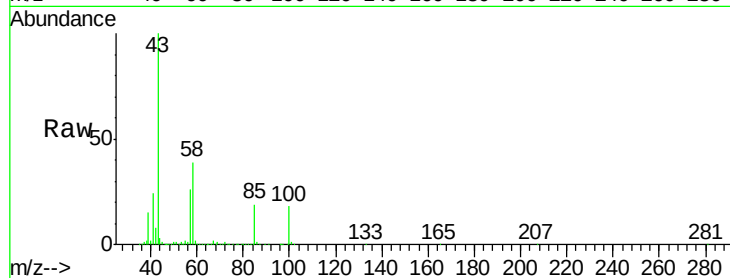
#51
4-Methyl-2-Pentanone
Concen: 255.582 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	30.9	46.3

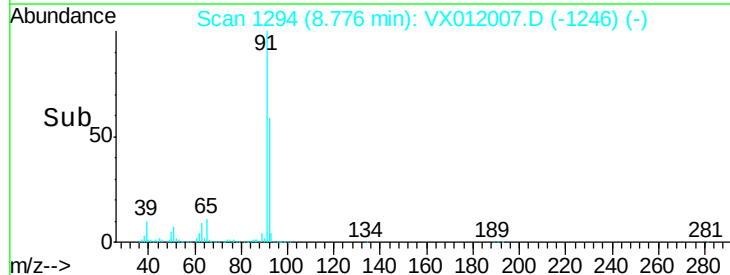
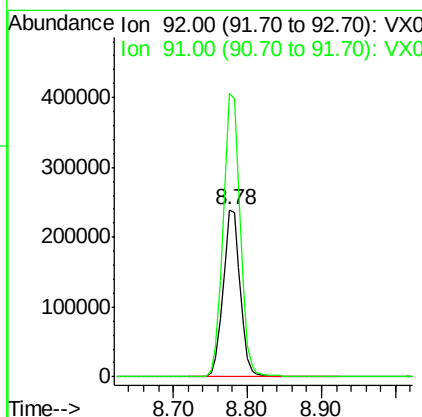
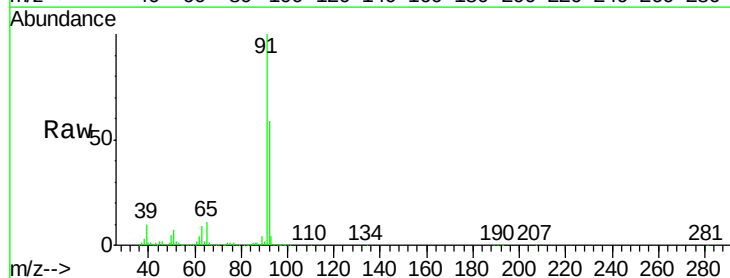
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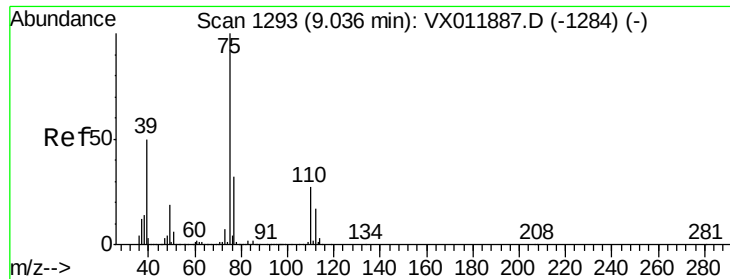
MMDadoda
9/5/2019 2:04:54 AM



#52
Toluene
Concen: 51.409 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.8	205.2





#53

t-1,3-Dichloropropene

Concen: 50.902 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 224550

Ion Ratio Lower Upper

75 100

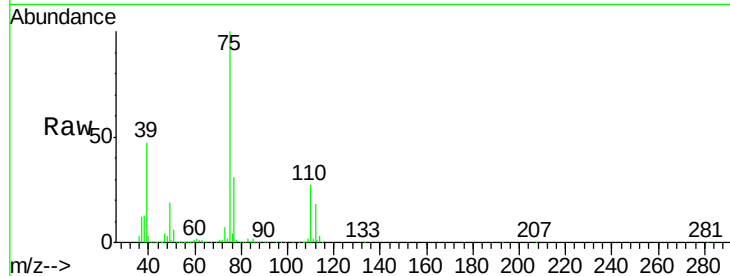
77 31.1 25.6 38.4

Manual Integrations

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MMDadoda

9/5/2019 2:04:54 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

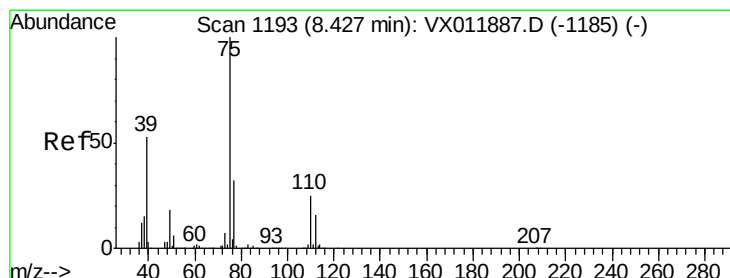
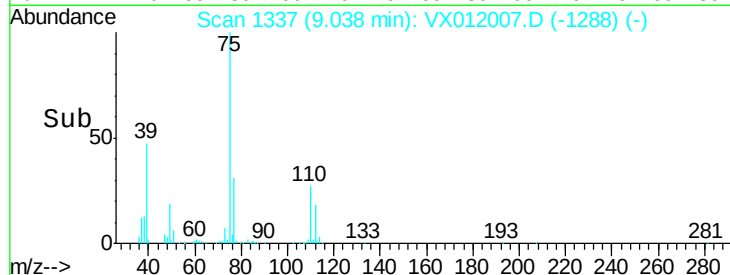
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.730 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

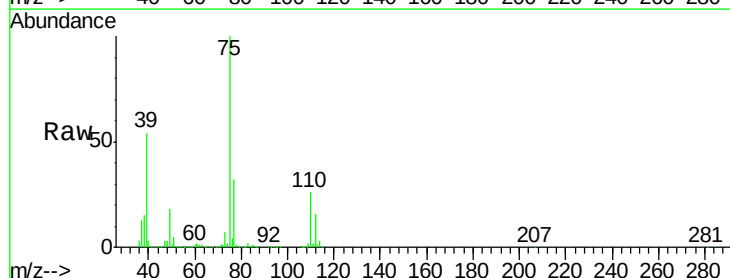
Tgt Ion: 75 Resp: 246263

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 53.6 42.6 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

200000

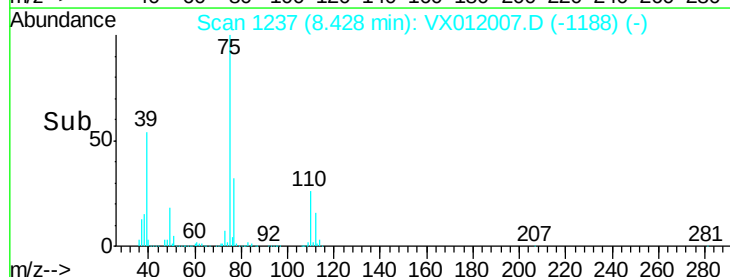
150000

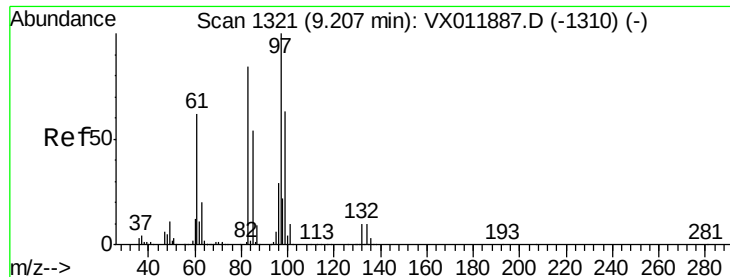
100000

50000

0

Time-->





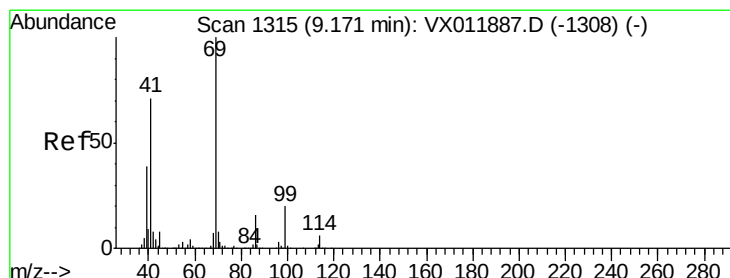
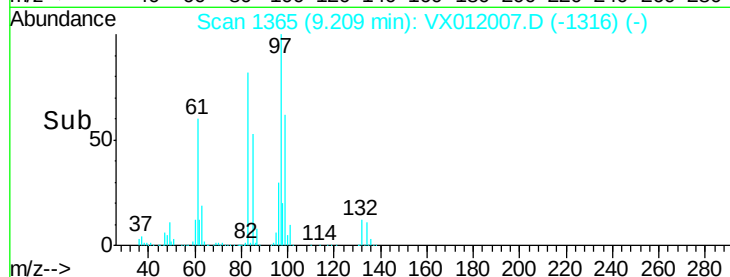
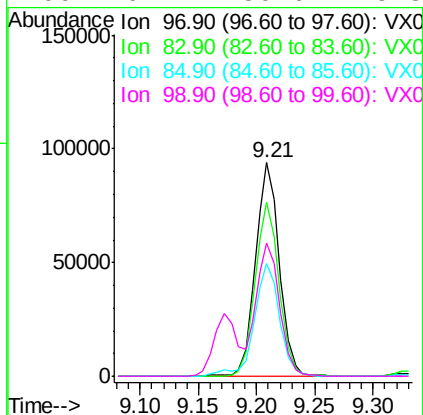
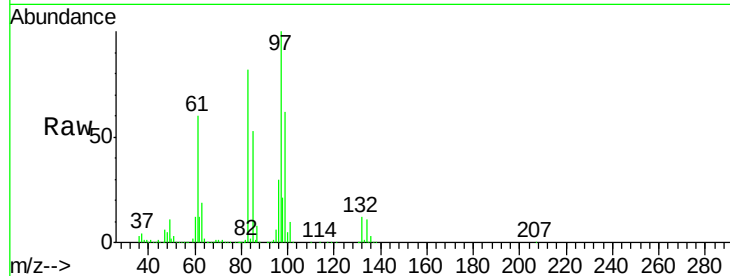
#55
 1,1,2-Trichloroethane
 Concen: 52.280 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.8	100.2
85	52.9	43.5	65.3
99	62.4	50.6	75.8

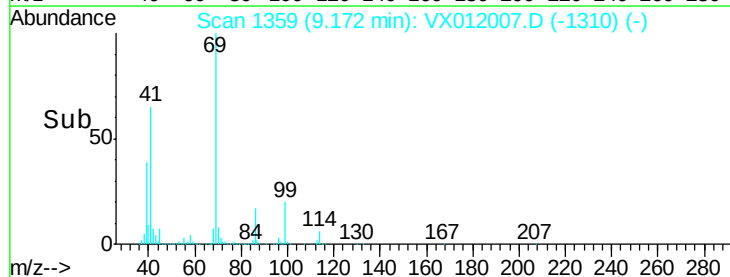
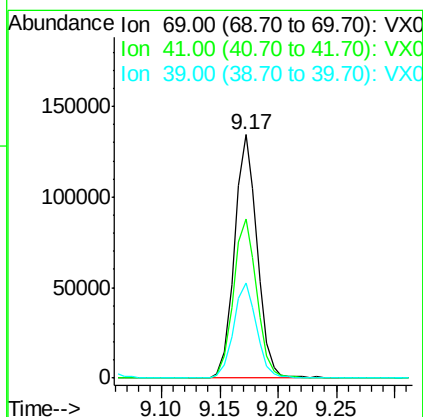
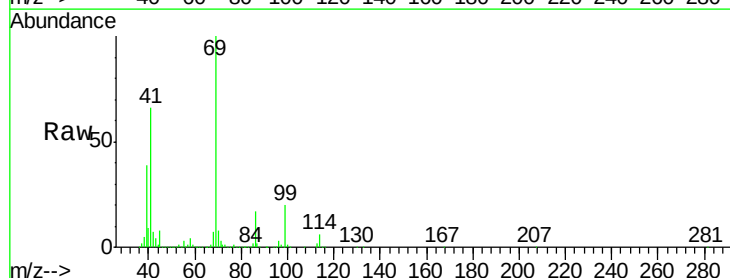
Manual Integrations
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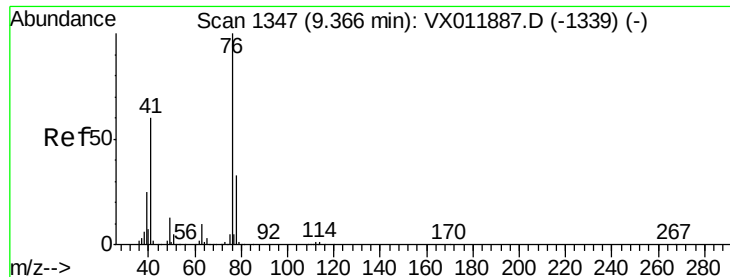
MMDadoda
 9/5/2019 2:04:54 AM



#56
 Ethyl methacrylate
 Concen: 51.792 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.9	55.8	83.8
39	39.3	31.1	46.7





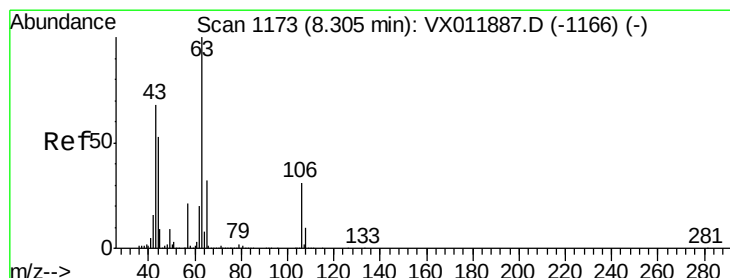
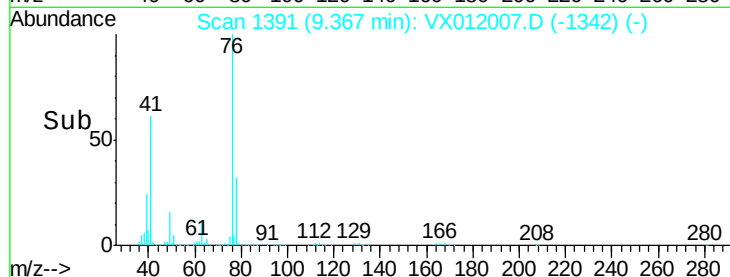
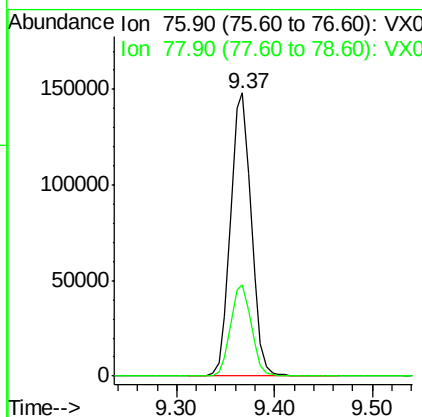
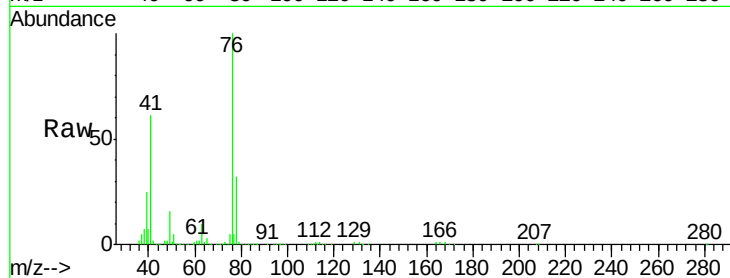
#57
 1,3-Dichloropropane
 Concen: 51.653 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.4	39.6

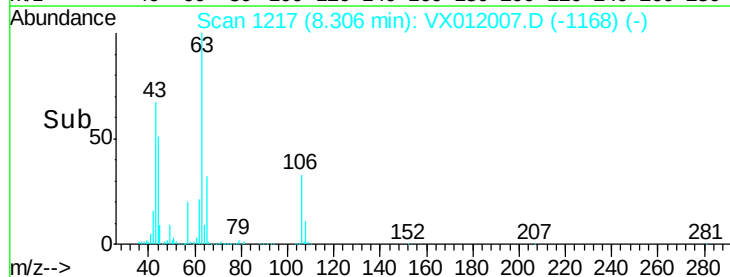
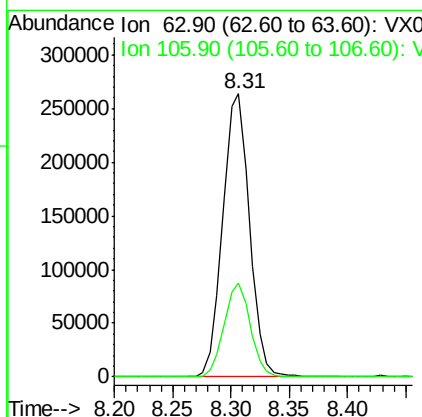
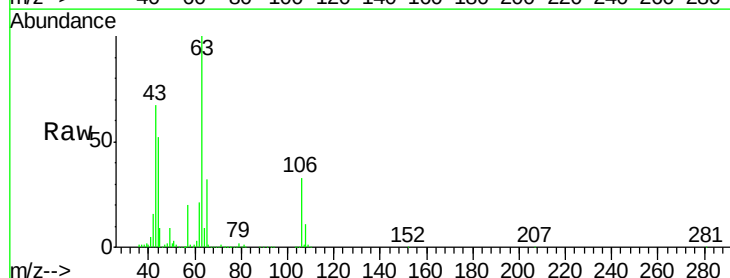
Manual Integrations
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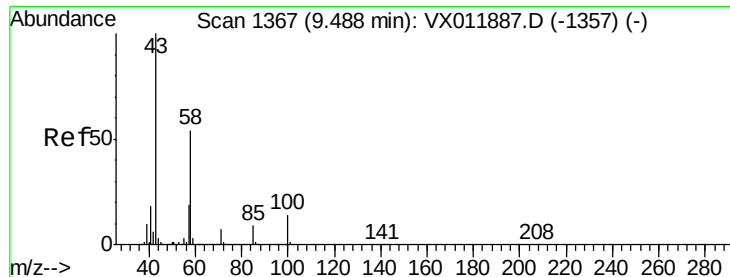
MMDadoda
 9/5/2019 2:04:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.283 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.7	24.8	37.2





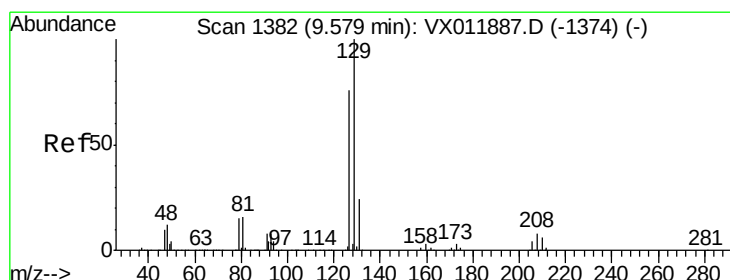
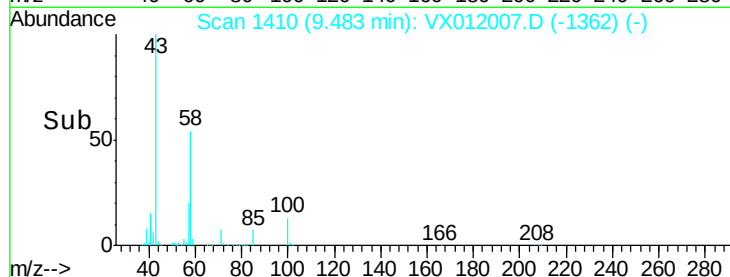
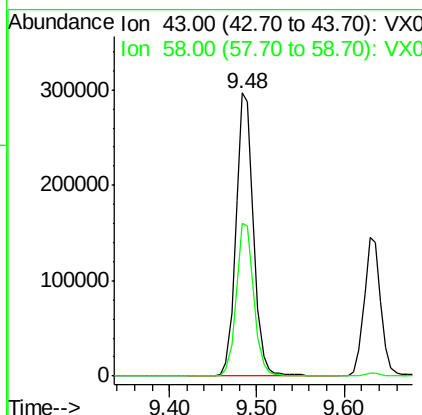
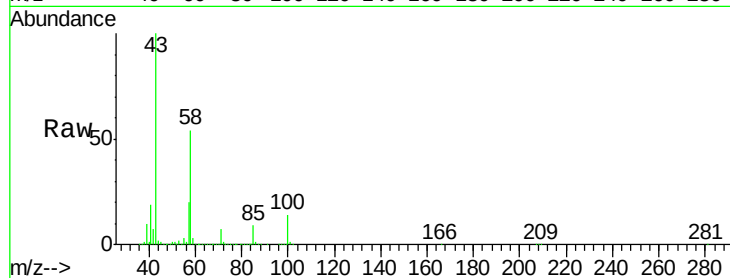
#59
2-Hexanone
Concen: 257.449 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 417875
Ion Ratio Lower Upper
43 100
58 54.4 26.8 80.4

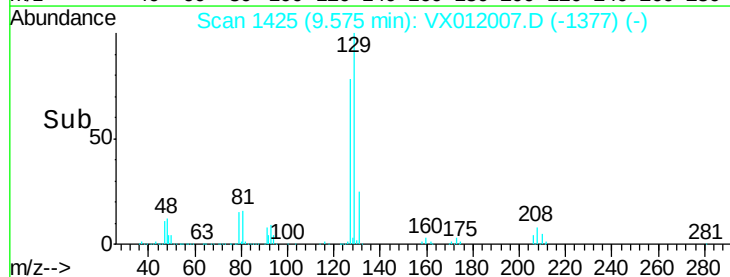
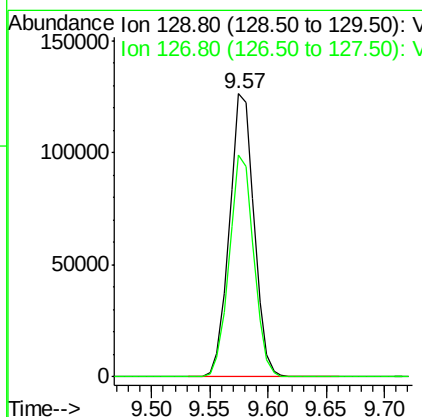
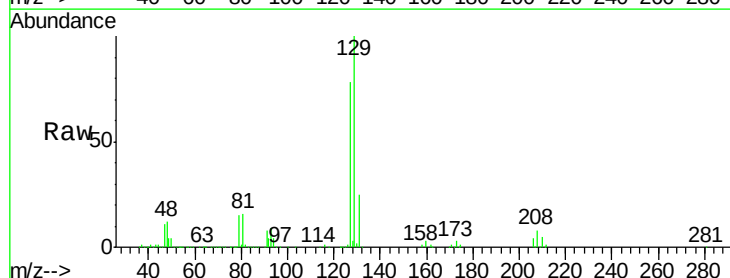
Manual Integrations
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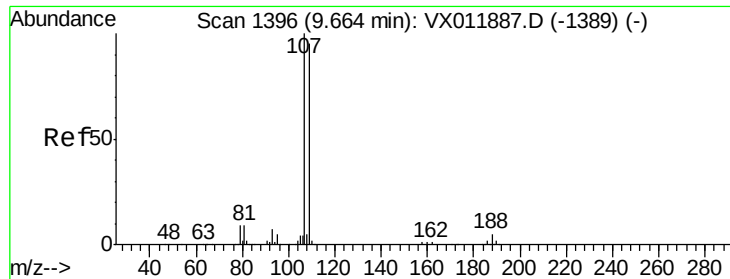
MMDadoda
9/5/2019 2:04:54 AM



#60
Dibromochloromethane
Concen: 54.584 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion: 129 Resp: 186395
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.7





#61

1,2-Dibromoethane

Concen: 53.523 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 134921

Ion Ratio Lower Upper

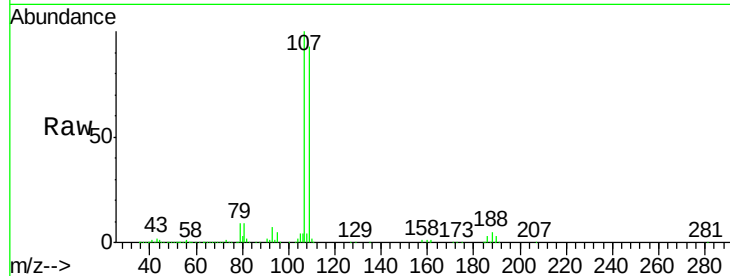
107 100

109 93.8 75.3 112.9

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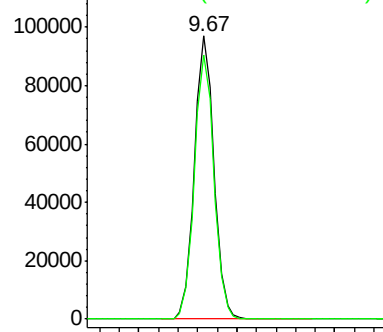
MMDadoda

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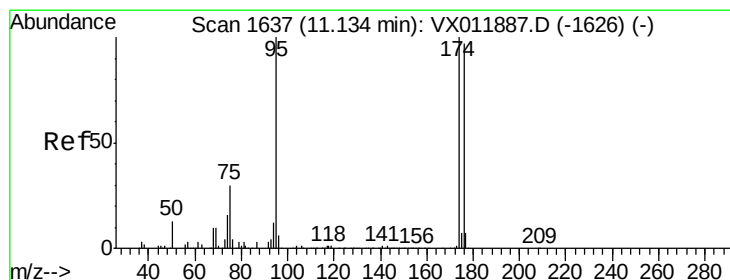
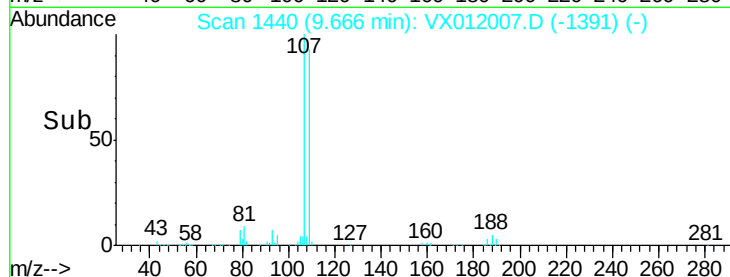


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.479 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

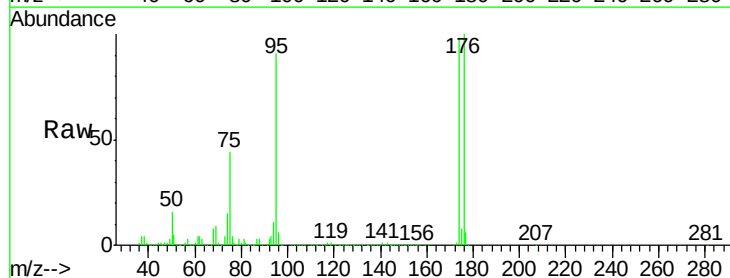
Tgt Ion: 95 Resp: 230611

Ion Ratio Lower Upper

95 100

174 101.9 0.0 196.0

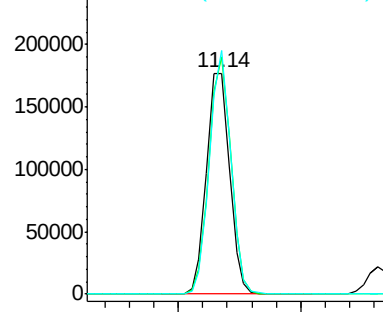
176 101.5 0.0 191.4



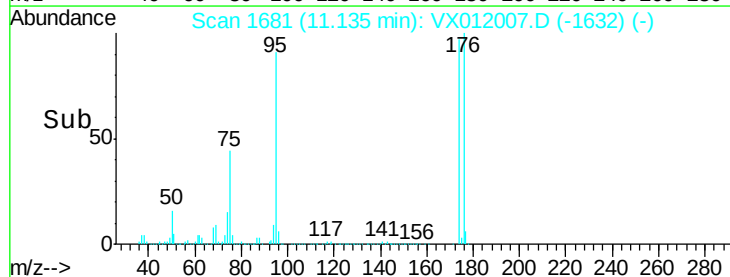
Abundance Ion 94.90 (94.60 to 95.60): VX0

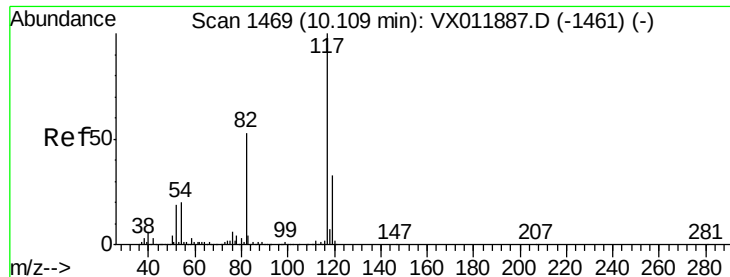
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





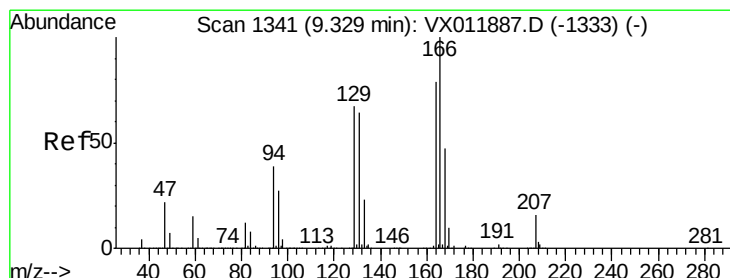
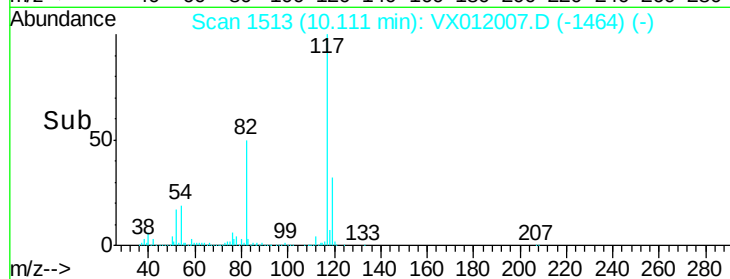
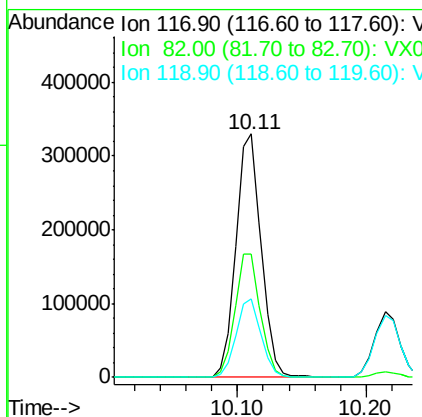
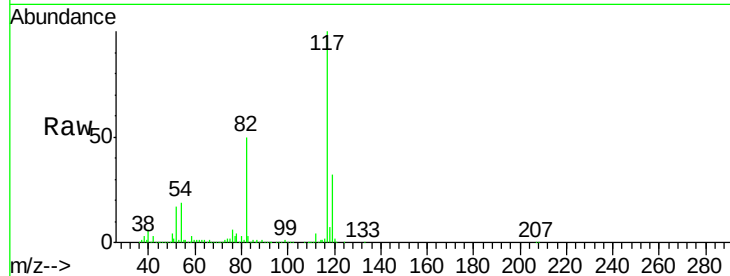
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.0	63.0
119	32.2	26.2	39.4

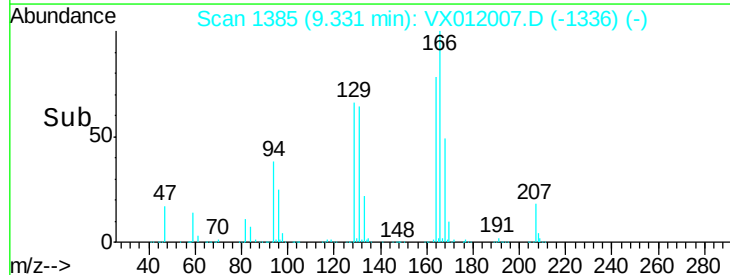
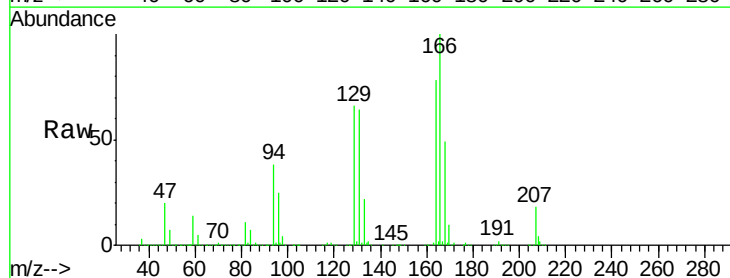
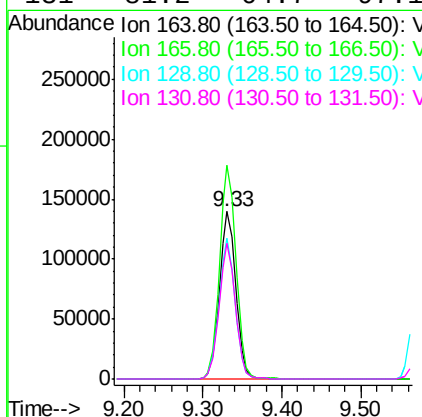
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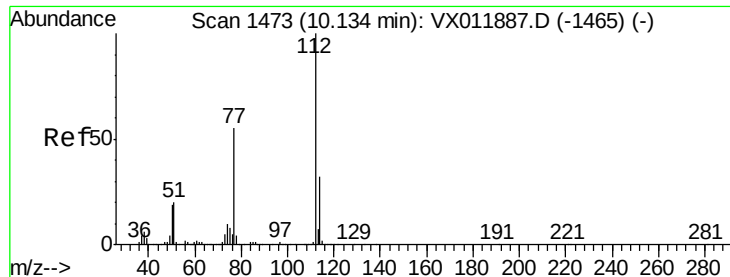
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#64
Tetrachloroethene
Concen: 56.092 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.4	152.0
129	84.2	68.0	102.0
131	81.2	64.7	97.1





#65

Chlorobenzene

Concen: 52.709 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 459233

Ion Ratio Lower Upper

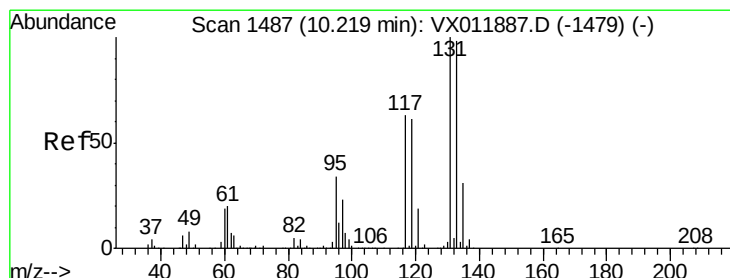
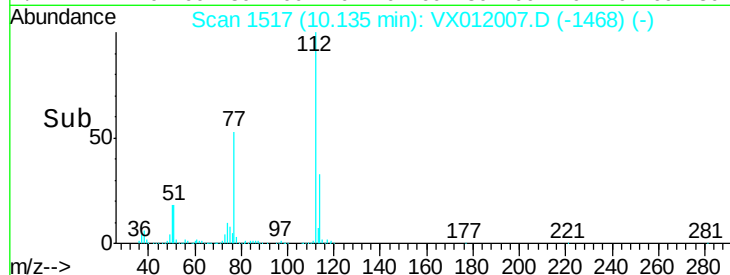
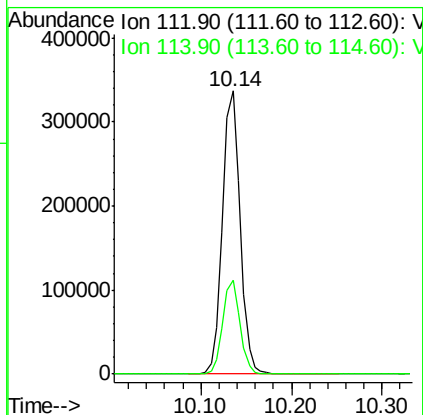
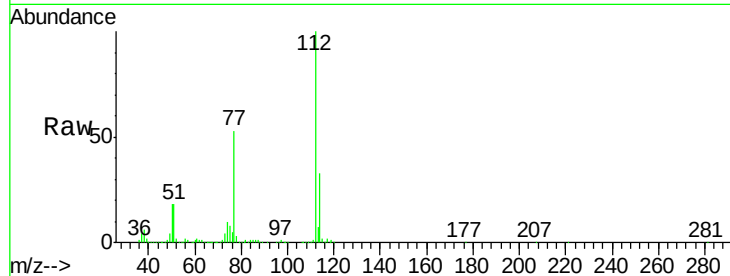
112 100

114 33.0 25.9 38.9

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 54.363 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

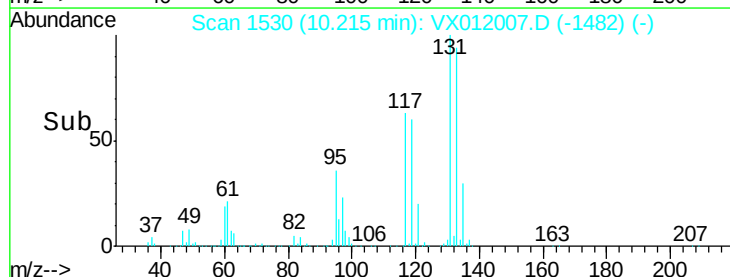
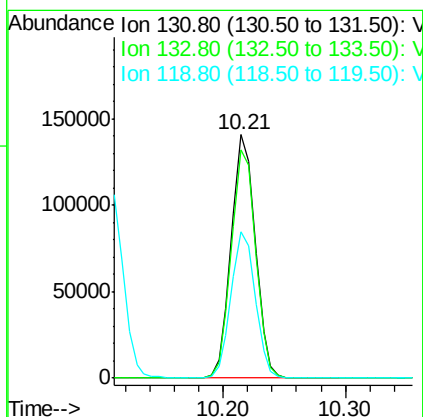
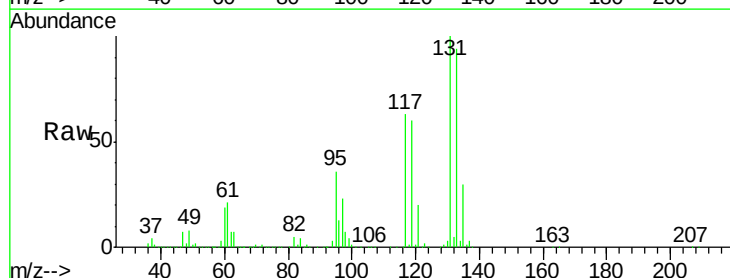
Tgt Ion:131 Resp: 191538

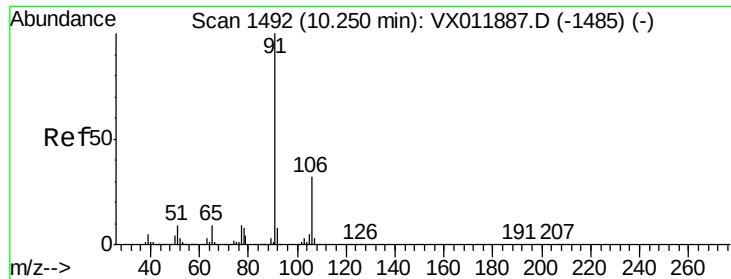
Ion Ratio Lower Upper

131 100

133 95.1 48.4 145.0

119 60.6 30.6 92.0





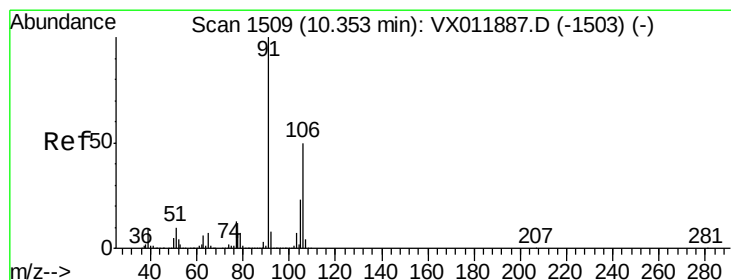
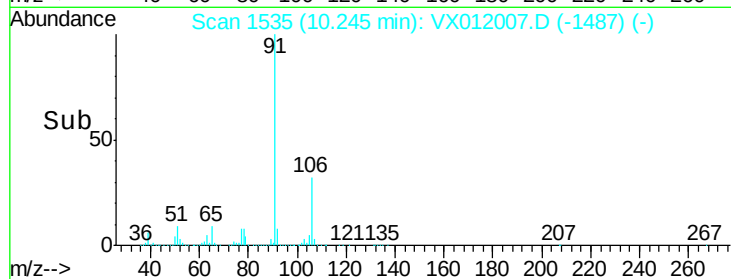
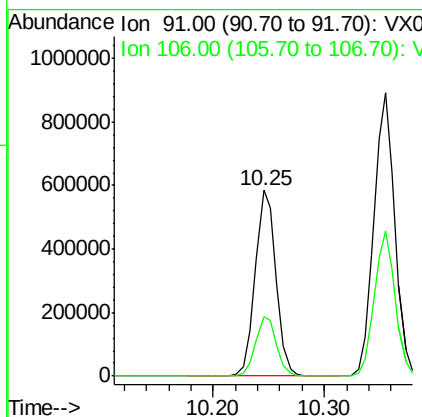
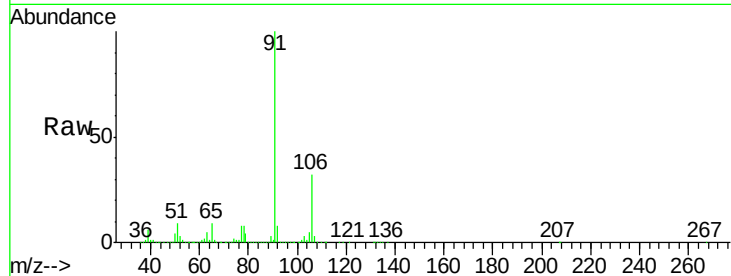
#67
Ethyl Benzene
Concen: 51.328 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.8	38.8

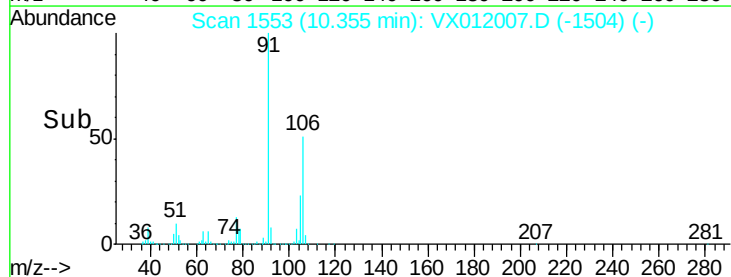
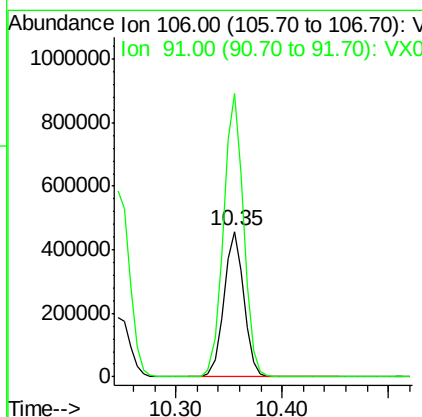
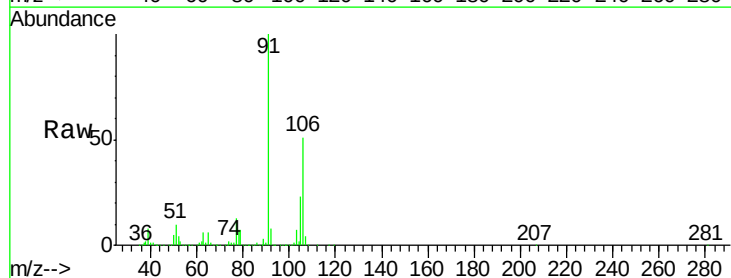
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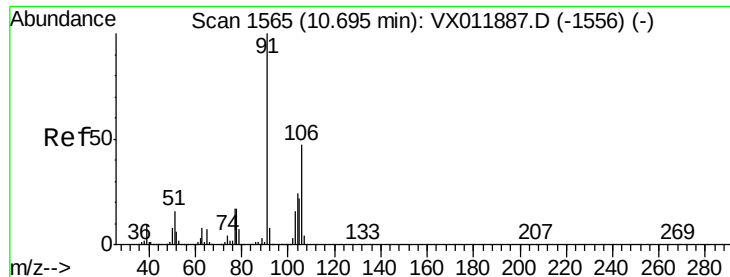
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#68
m/p-Xylenes
Concen: 104.563 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.3	158.6	237.8





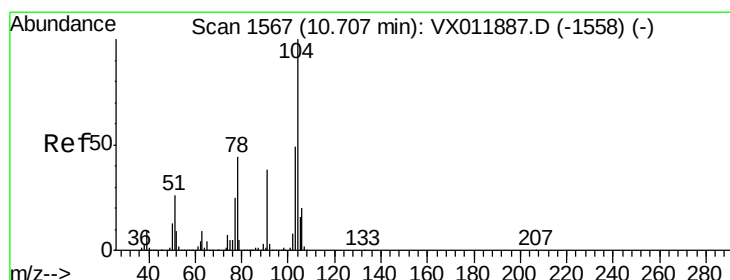
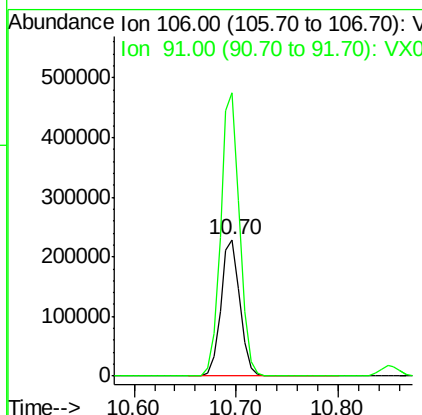
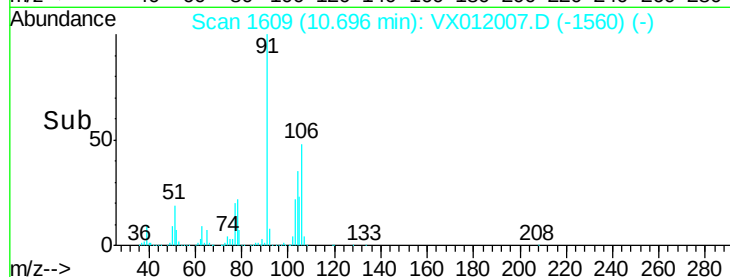
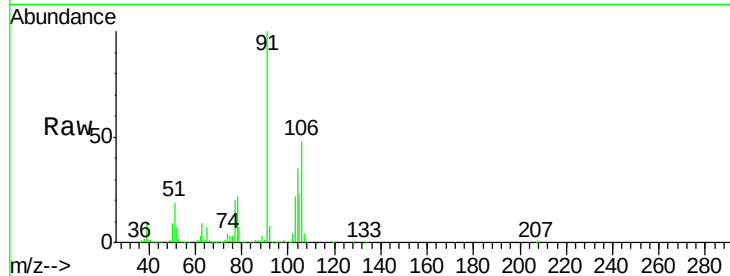
#69
o-Xylene
Concen: 53.053 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		295851		
91	207.3	104.8	314.6		

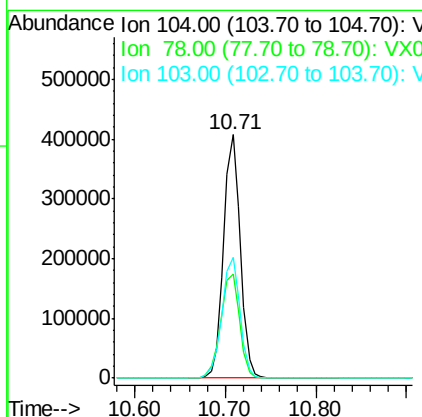
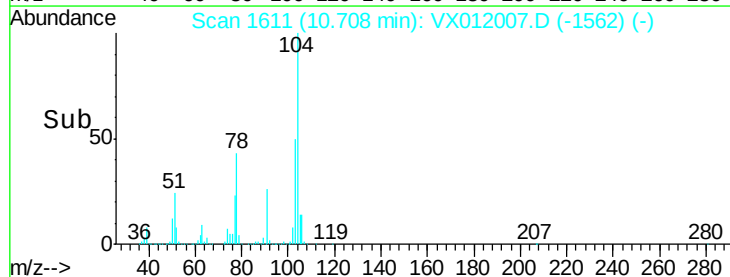
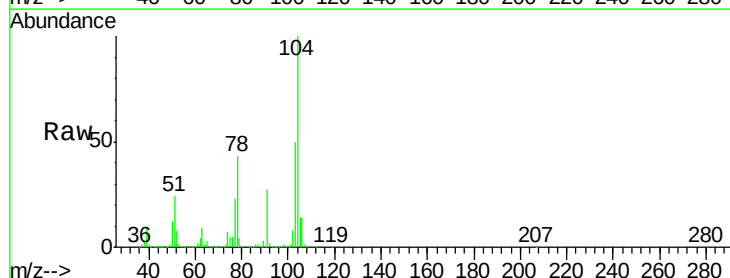
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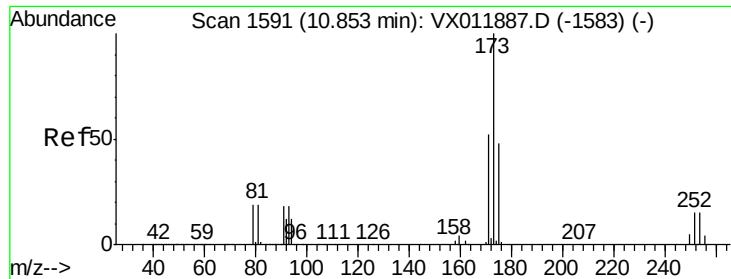
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#70
Styrene
Concen: 53.246 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		523365		
78	48.7	39.2	58.8		
103	54.0	43.0	64.6		





#71

Bromoform

Concen: 55.854 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 139149

Ion Ratio Lower Upper

173 100

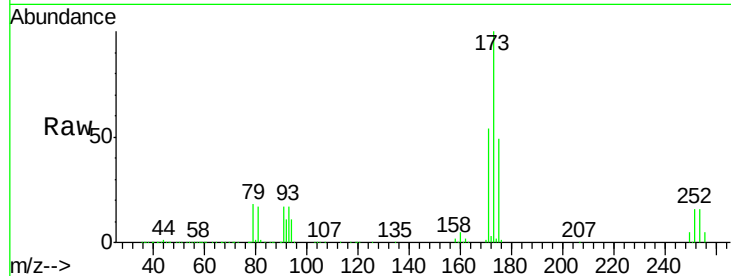
175 48.9 24.4 73.2

254 0.1 0.1 0.1#

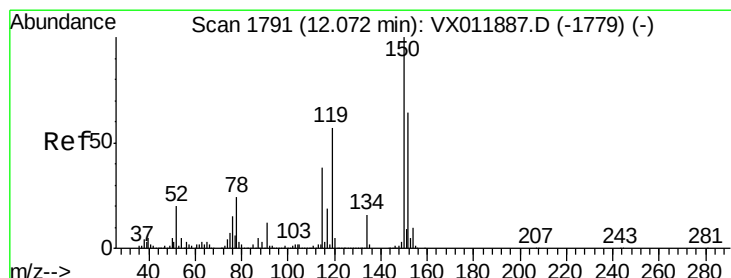
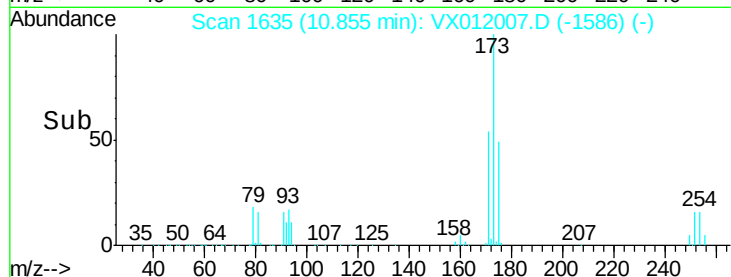
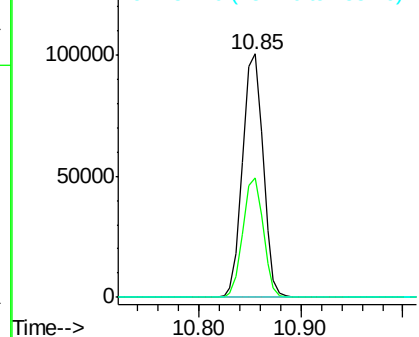
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

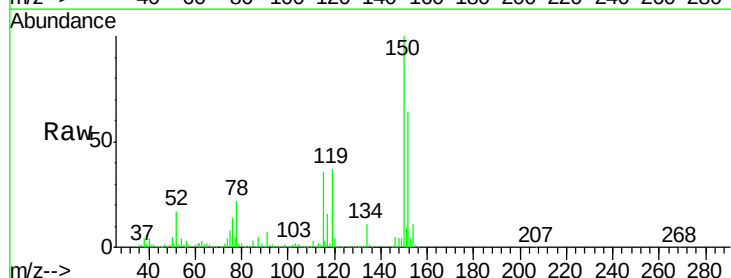
Tgt Ion:152 Resp: 278321

Ion Ratio Lower Upper

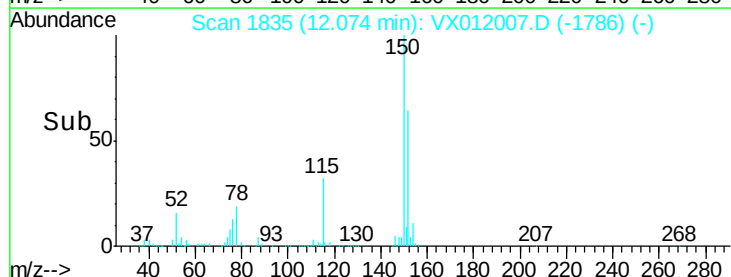
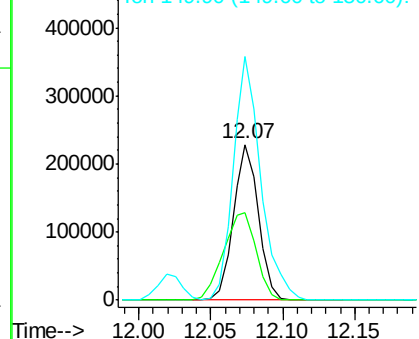
152 100

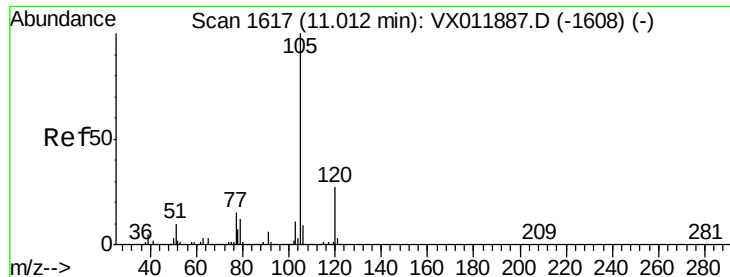
115 73.6 37.1 111.3

150 172.1 0.0 339.6



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: 49.119 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 785491

Ion Ratio Lower Upper

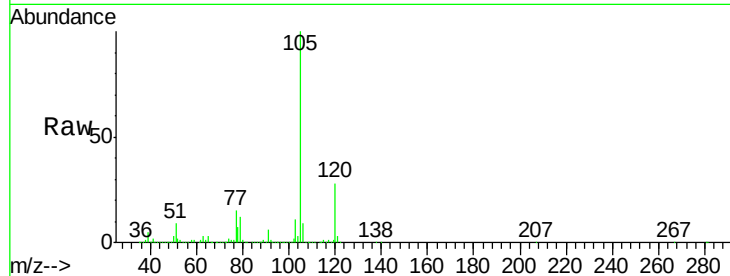
105 100

120 27.8 13.8 41.4

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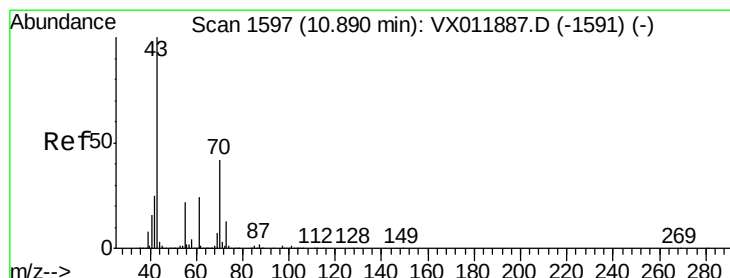
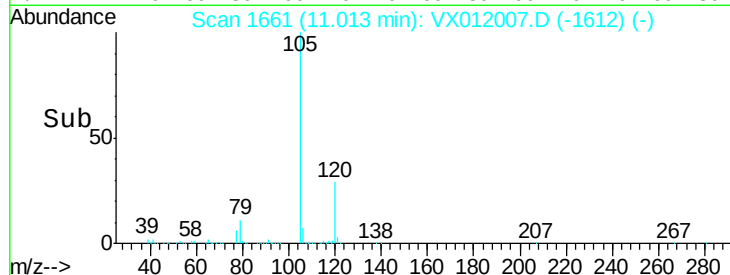
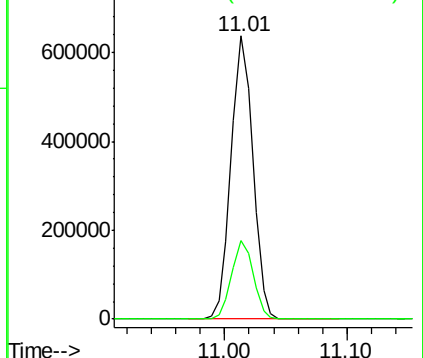
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.846 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Tgt Ion: 43 Resp: 222318

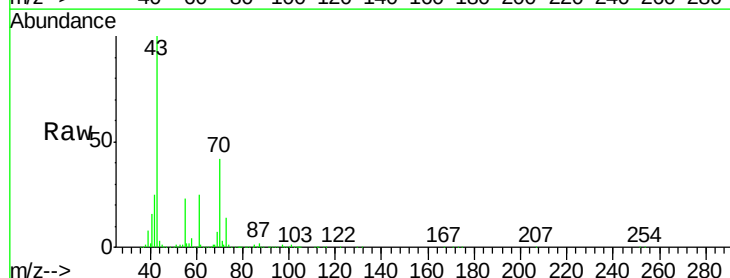
Ion Ratio Lower Upper

43 100

70 43.3 0.2 0.2#

55 23.1 0.1 0.1#

61 24.6 16.4 24.6

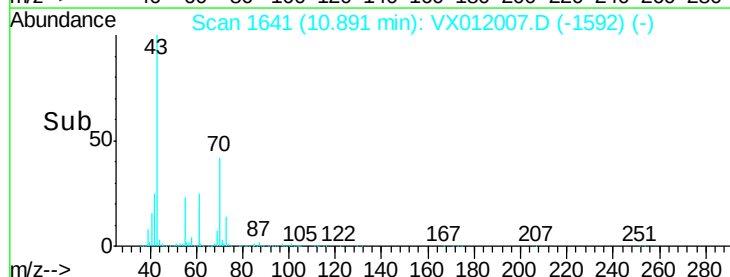
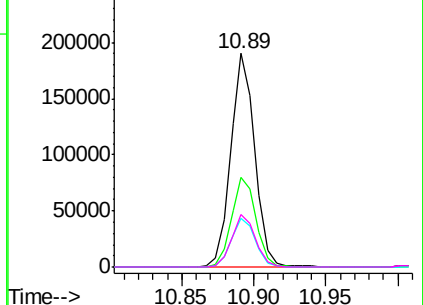


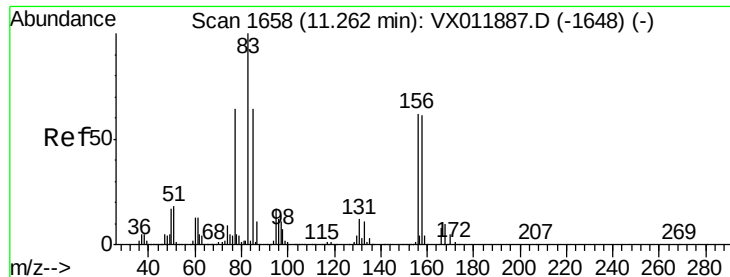
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.026 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

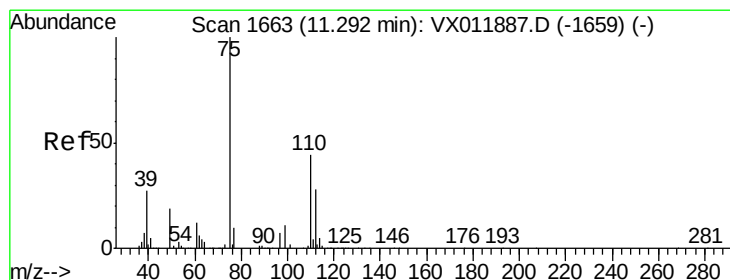
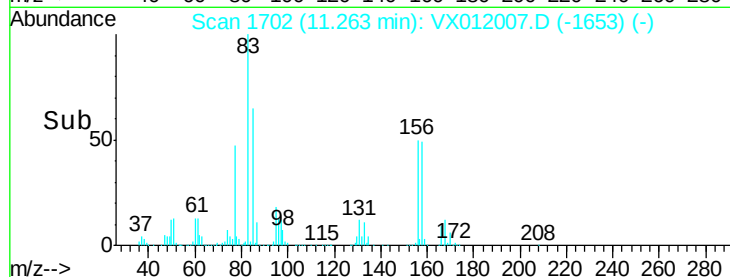
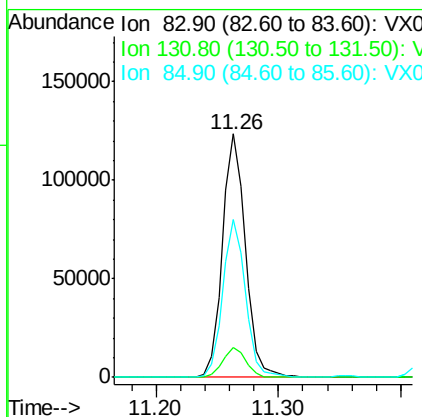
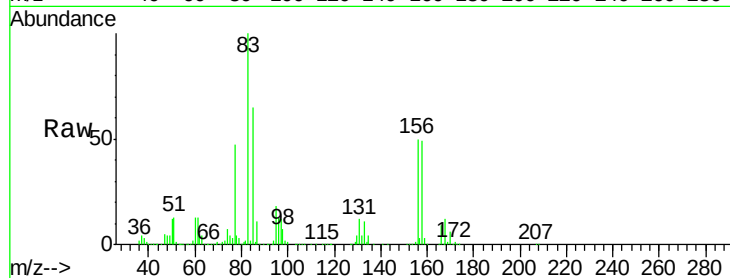
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	160455
Ion	Ratio	Lower	Upper
83	100		
131	12.6	6.0	18.0
85	64.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 51.240 ug/l m

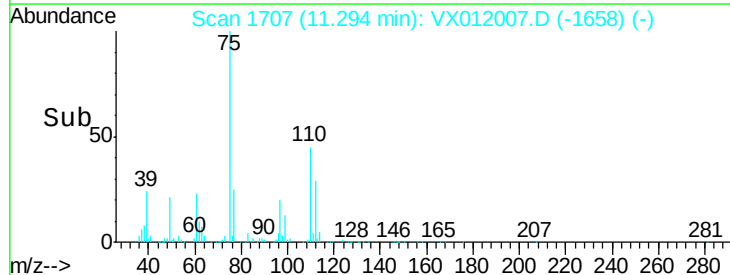
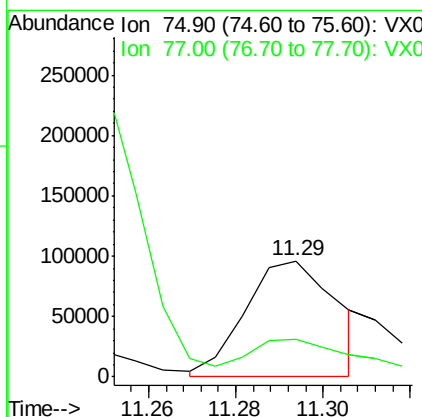
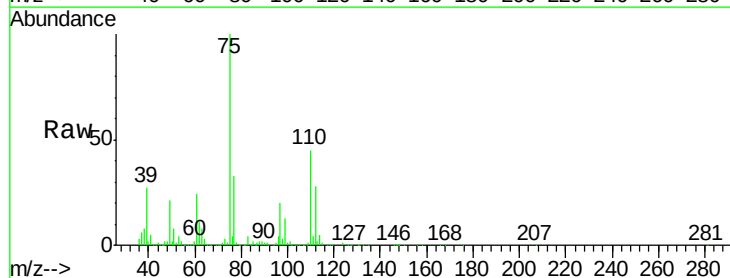
RT: 11.29 min Scan# 1707

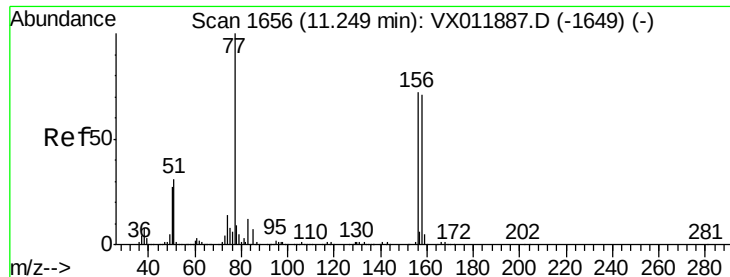
Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Tgt Ion:	75	Resp:	140287
Ion	Ratio	Lower	Upper
75	100		
77	38.4	20.9	62.7





#77

Bromobenzene

Concen: 51.987 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

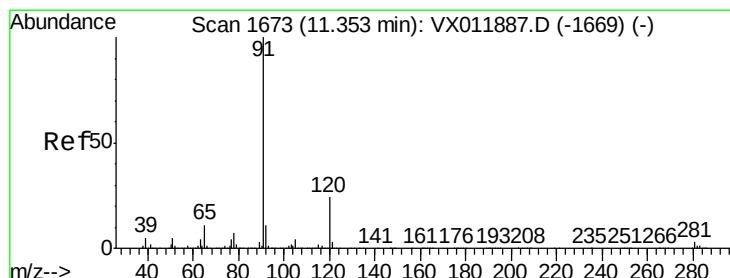
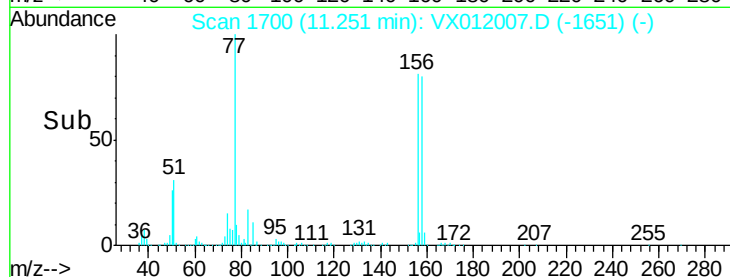
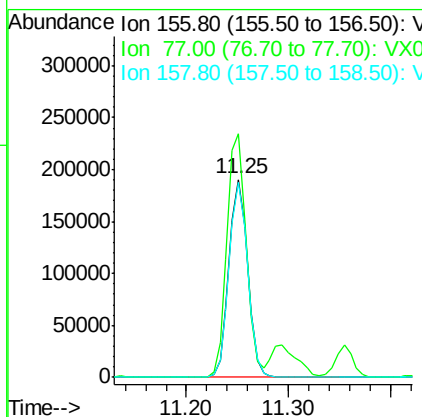
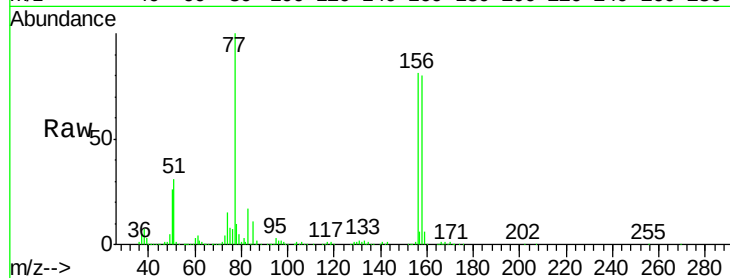
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	241113
Ion Ratio	Lower	Upper	
156	100		
77	127.4	68.1	204.3
158	98.4	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 49.339 ug/l

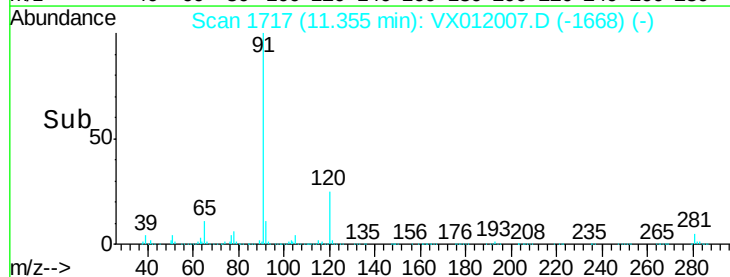
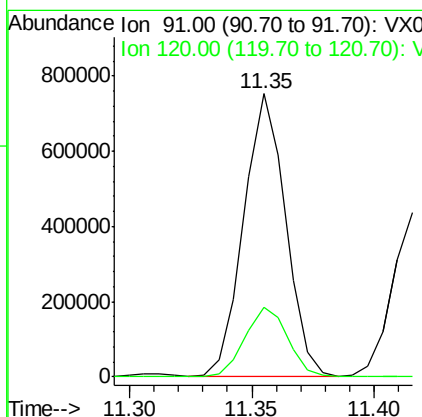
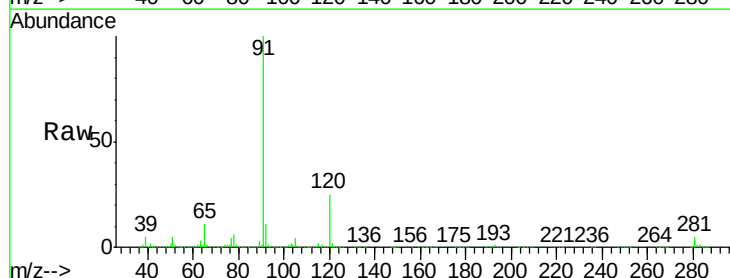
RT: 11.35 min Scan# 1717

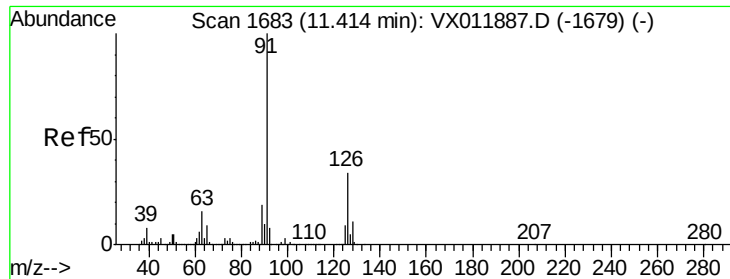
Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Tgt Ion:	91	Resp:	894723
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.3	36.9





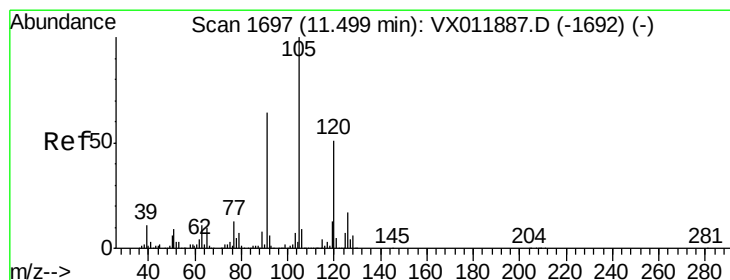
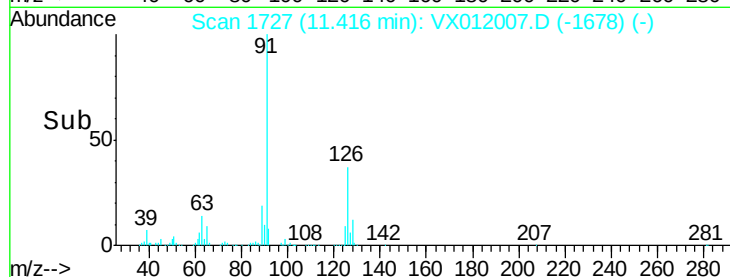
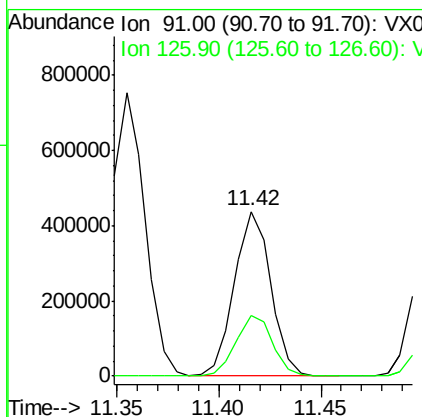
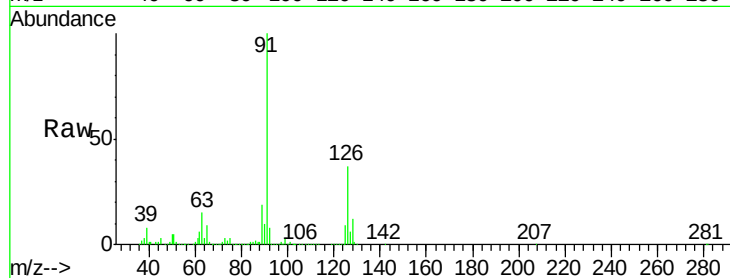
#79
 2-Chlorotoluene
 Concen: 49.553 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 540886
 Ion Ratio Lower Upper
 91 100
 126 37.1 17.9 53.8

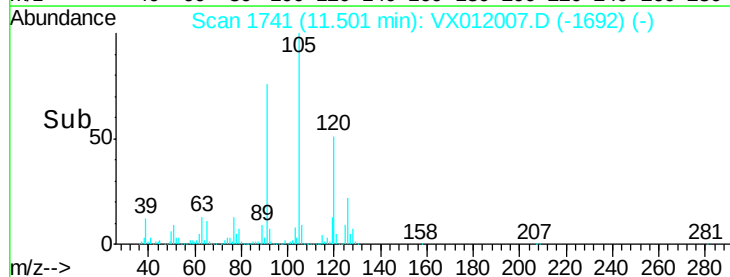
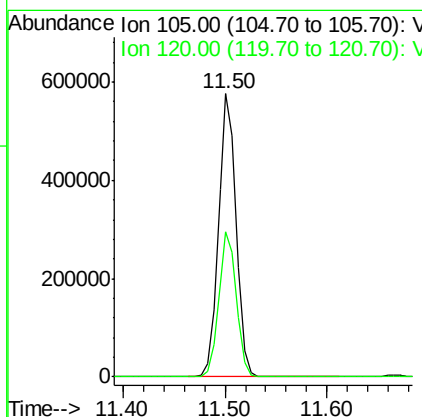
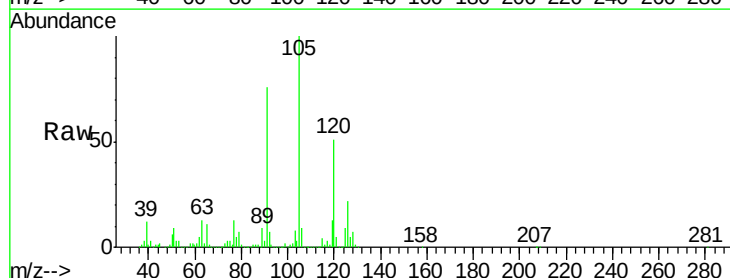
Manual Integrations
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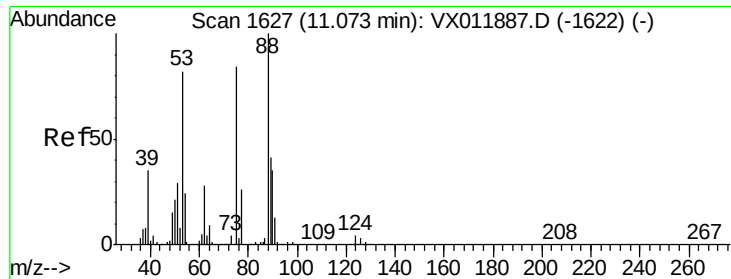
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.412 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion: 105 Resp: 695851
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.3 75.9





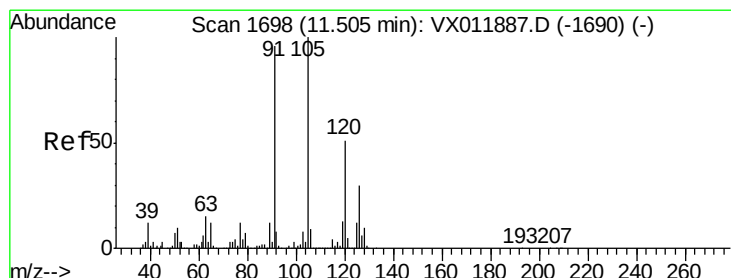
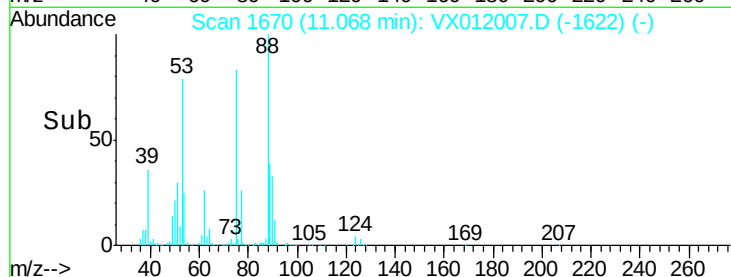
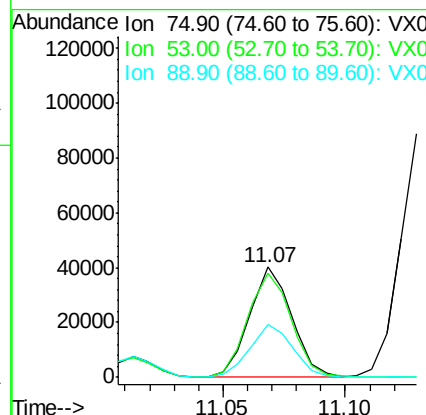
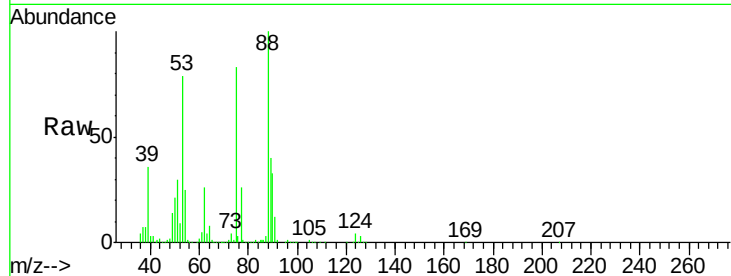
#81
trans-1,4-Dichloro-2-butene
Concen: 44.152 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	77.1	115.7
89	49.5	38.2	57.2

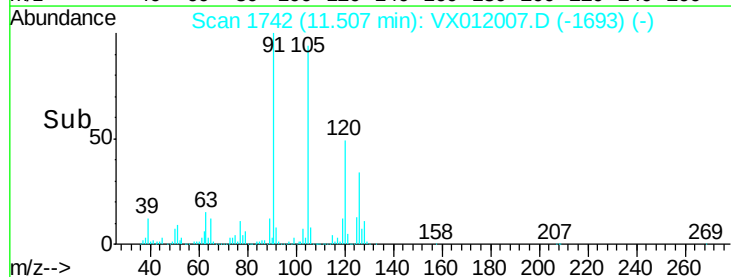
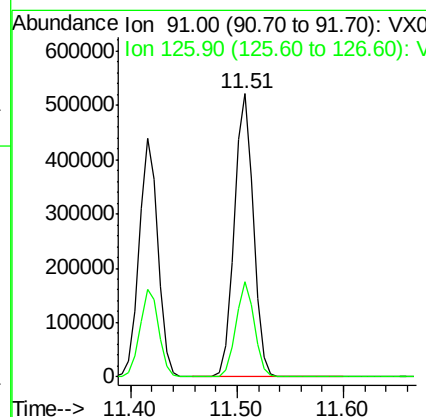
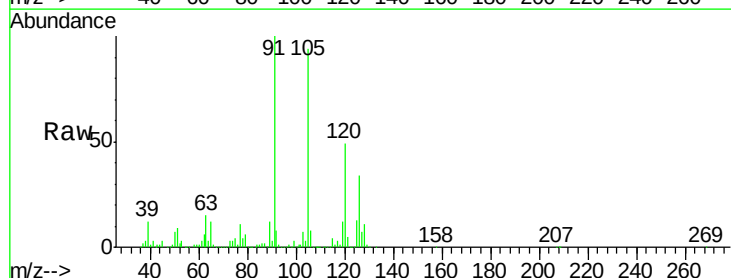
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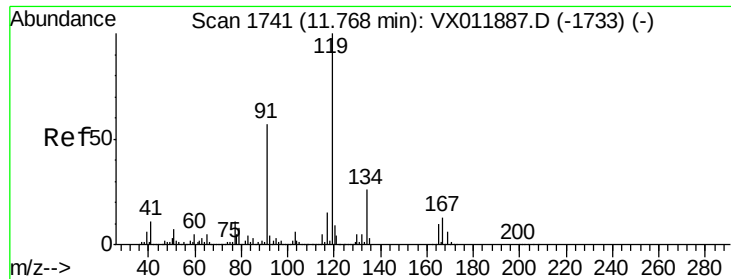
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#82
4-Chlorotoluene
Concen: 49.882 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	15.9	47.6





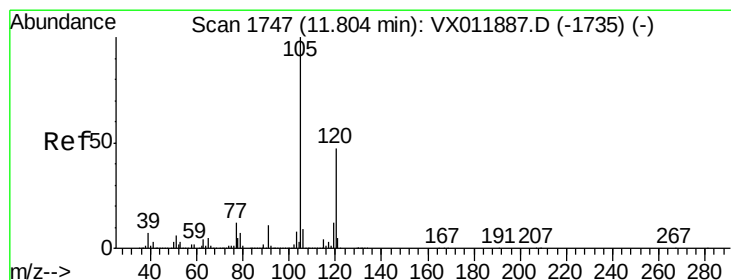
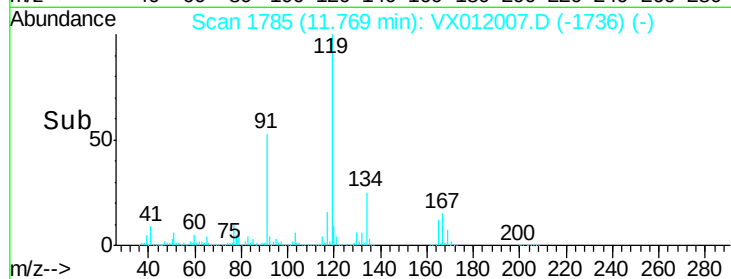
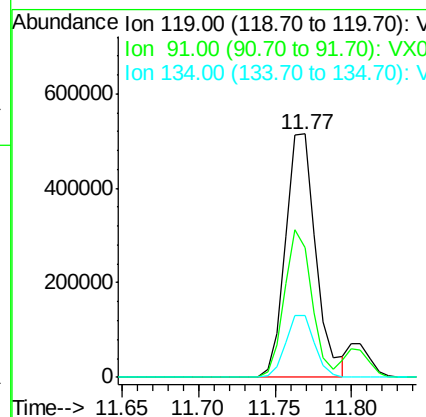
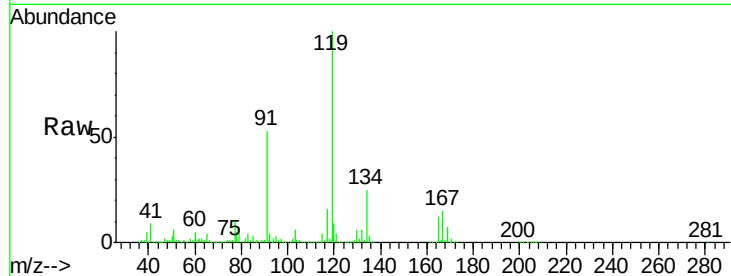
#83
 tert-Butylbenzene
 Concen: 50.724 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.7	27.9	83.6
134	24.3	12.3	36.8

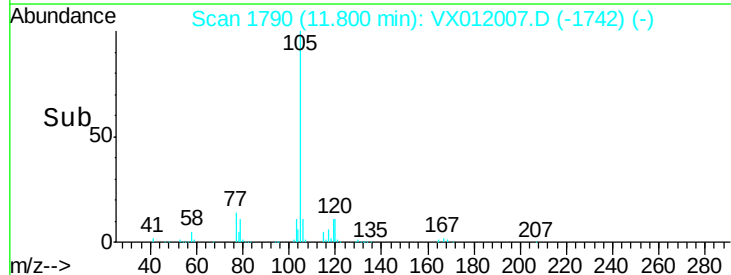
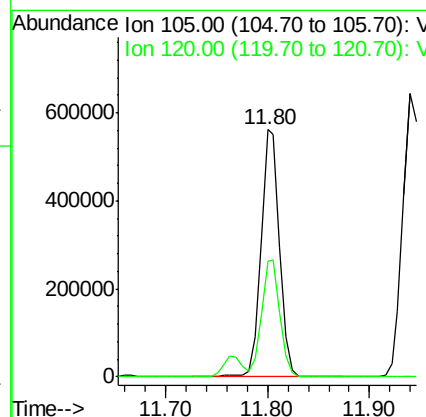
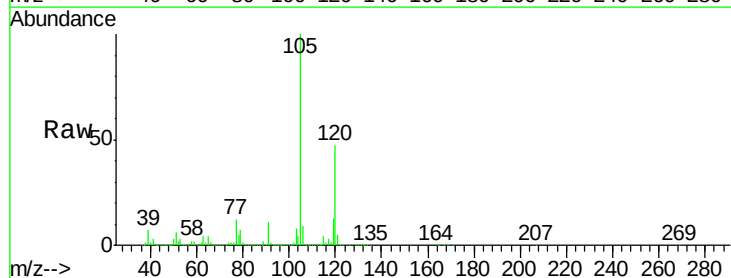
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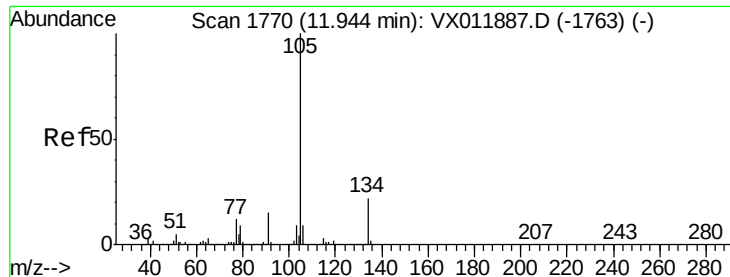
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.626 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.3





#85

sec-Butylbenzene

Concen: 49.753 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 809396

Ion Ratio Lower Upper

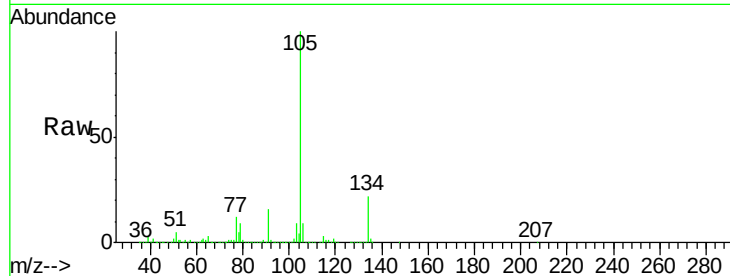
105 100

134 22.5 10.9 32.7

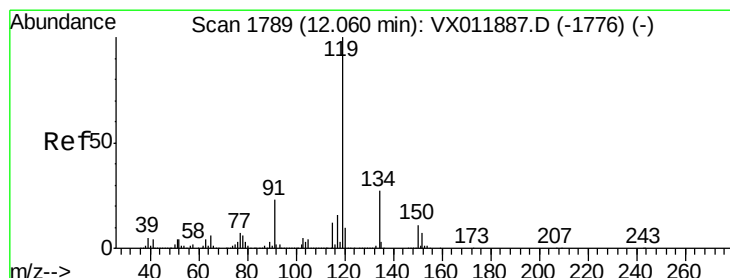
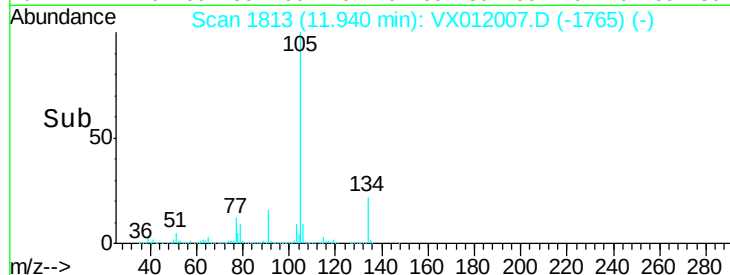
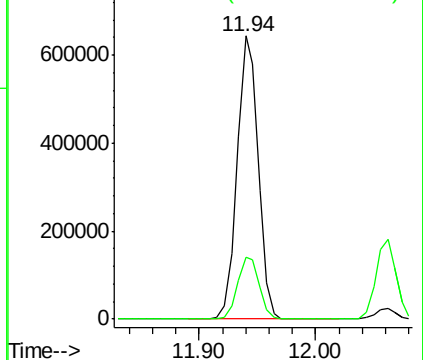
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.756 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012007.D

Acq: 01 Sep 2019 22:11

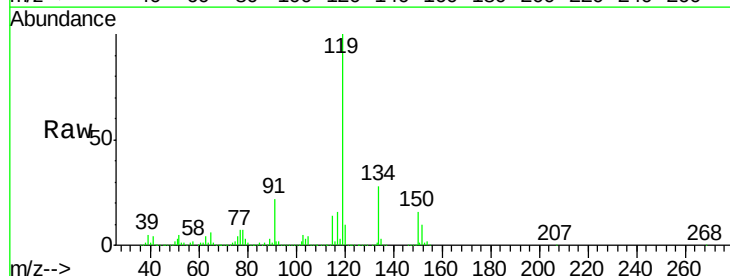
Tgt Ion:119 Resp: 800666

Ion Ratio Lower Upper

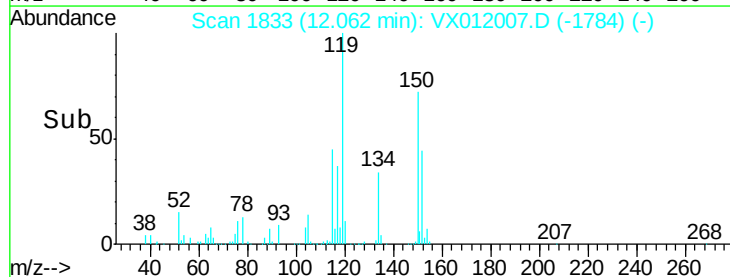
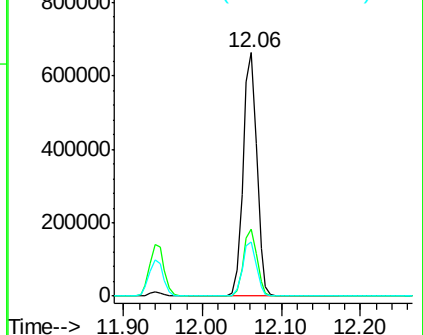
119 100

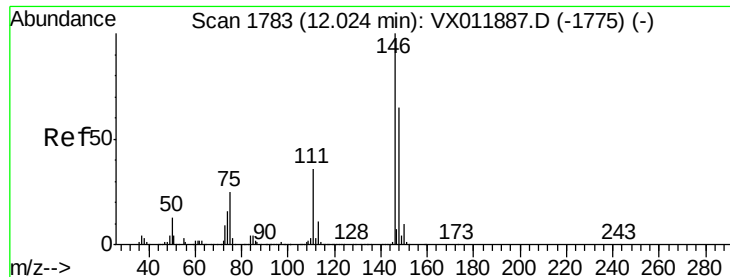
134 27.5 13.7 41.0

91 22.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





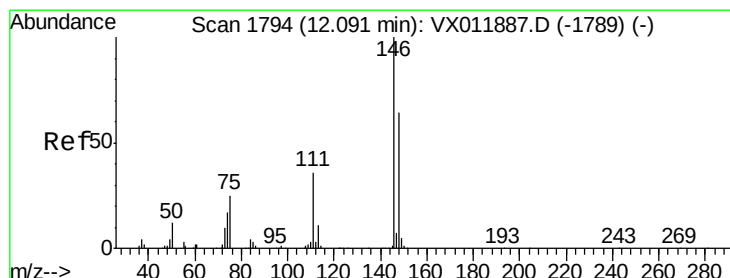
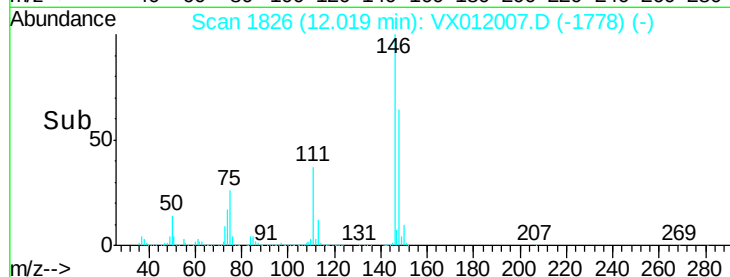
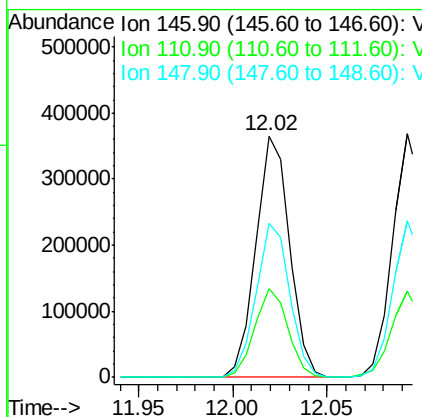
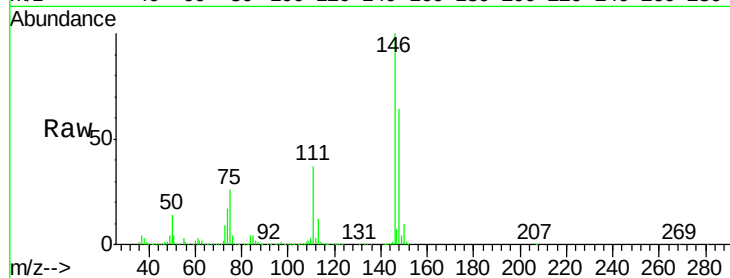
#87
 1,3-Dichlorobenzene
 Concen: 52.617 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.2
148	63.6	32.1	96.5

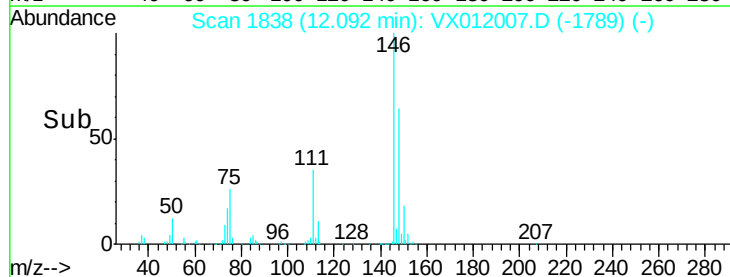
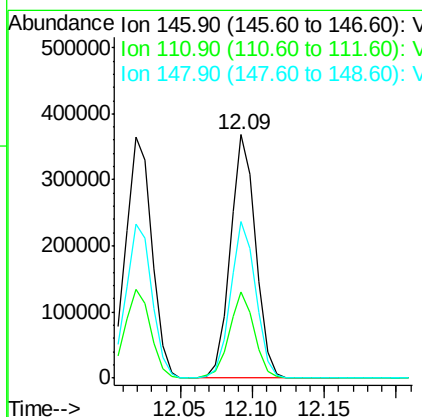
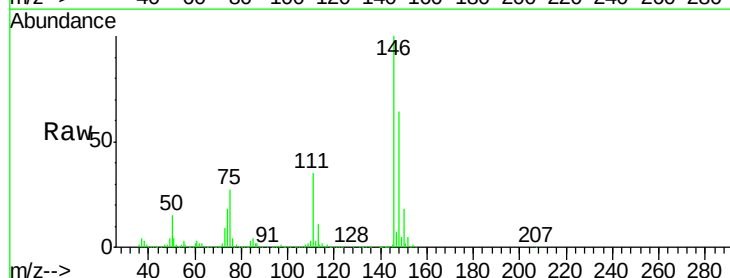
Manual Integrations
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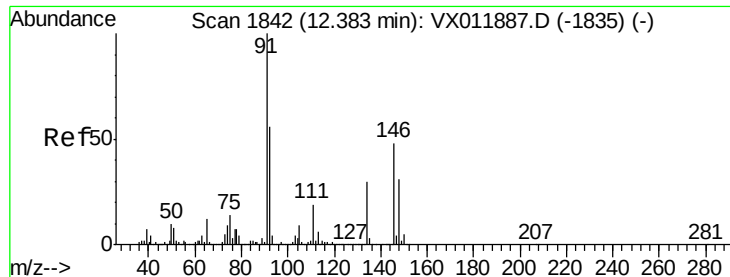
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#88
 1,4-Dichlorobenzene
 Concen: 52.041 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.0	17.9	53.7
148	64.2	32.4	97.0





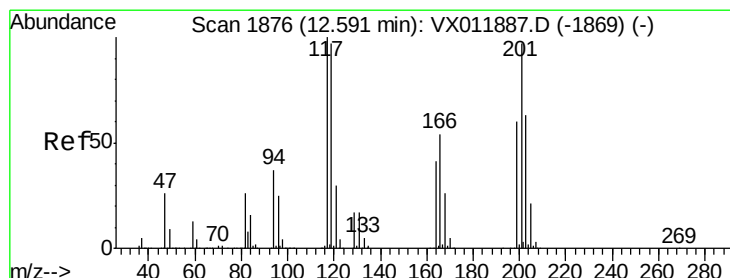
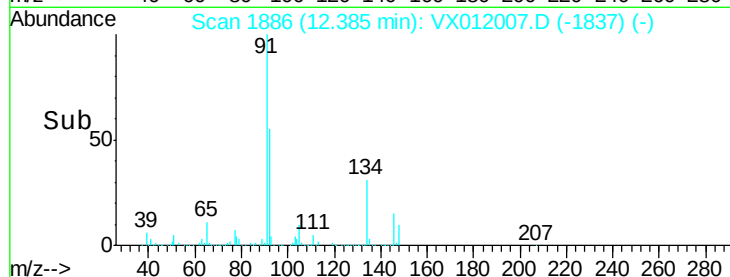
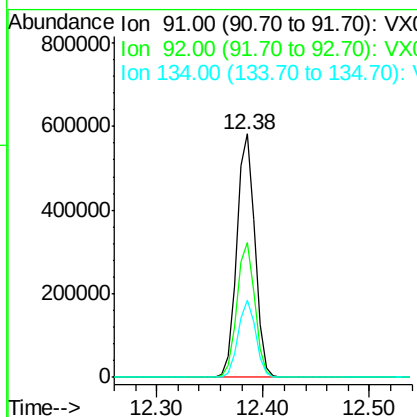
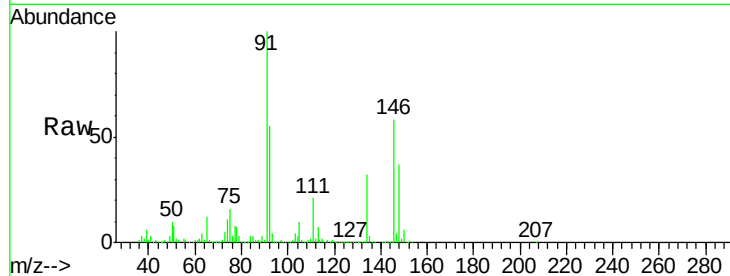
#89
n-Butylbenzene
Concen: 49.675 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.6	82.8
134	30.8	14.8	44.3

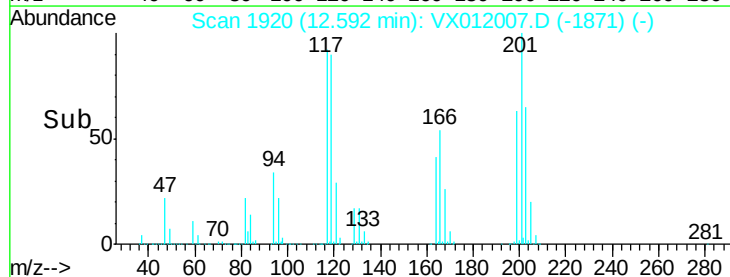
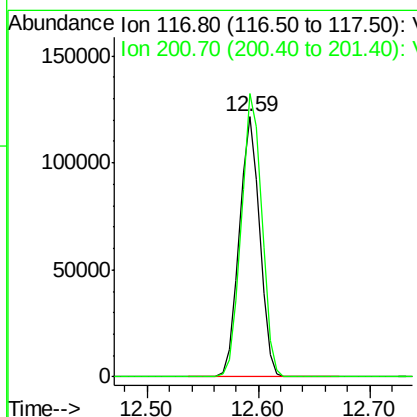
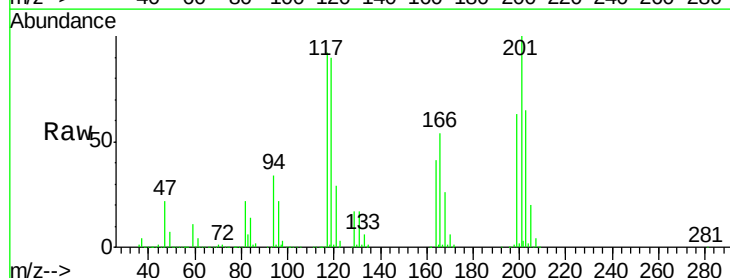
Manual Integrations
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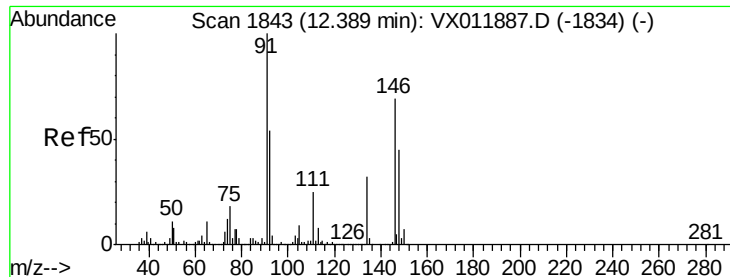
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#90
Hexachloroethane
Concen: 50.521 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	110.0	52.8	158.5





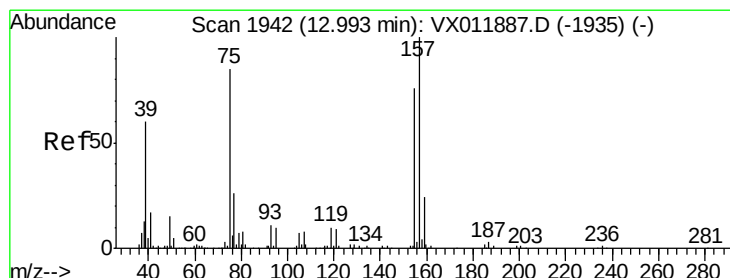
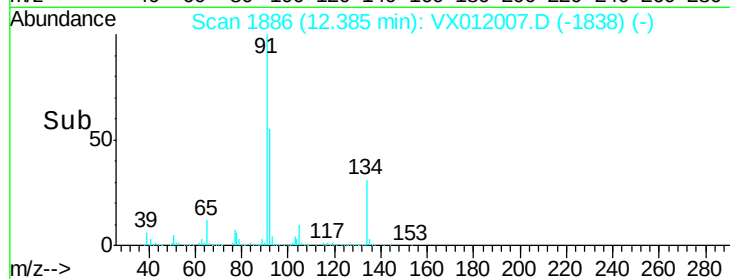
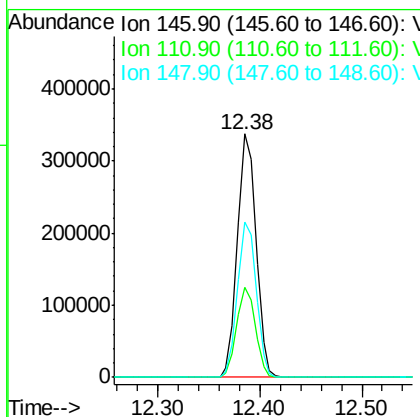
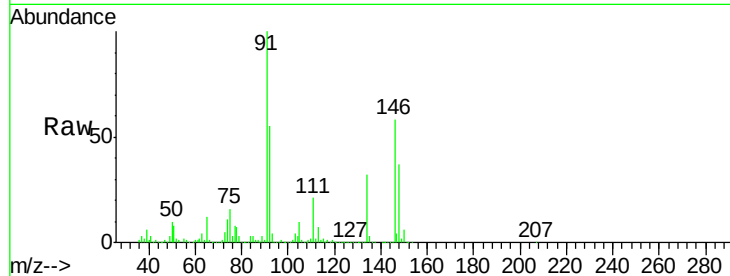
#91
 1,2-Dichlorobenzene
 Concen: 52.969 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.5
148	64.3	32.1	96.3

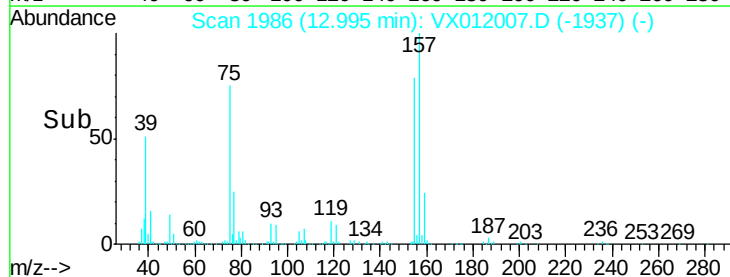
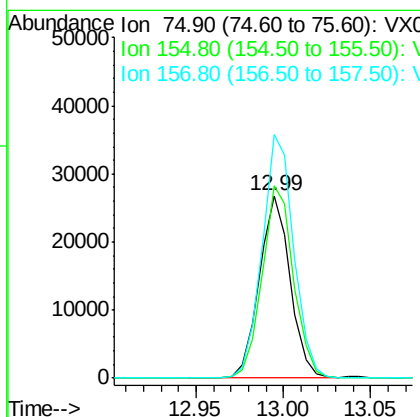
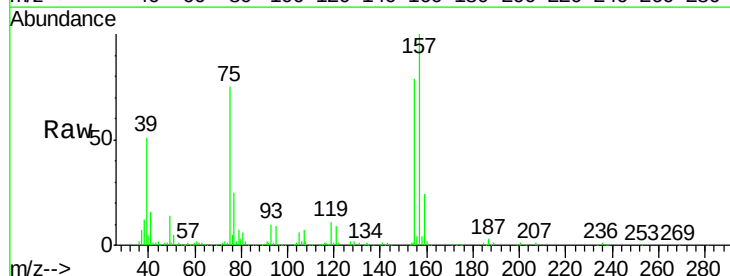
Manual Integrations
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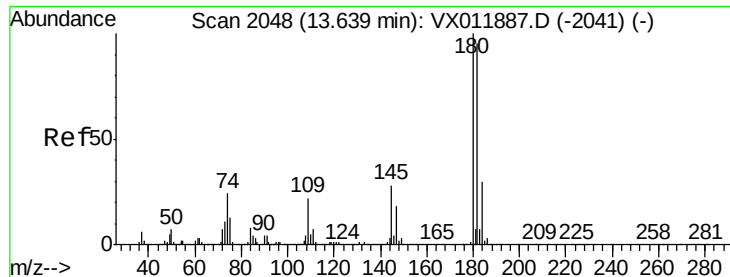
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.048 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.6	50.1	150.4
157	137.4	63.9	191.7





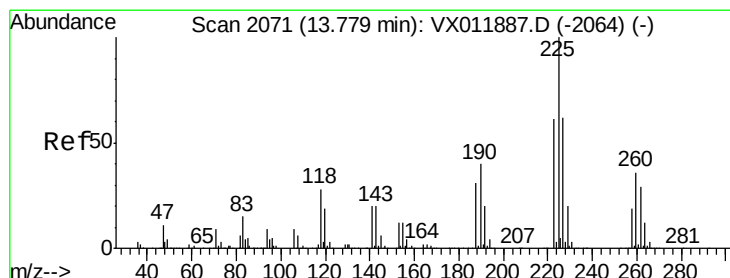
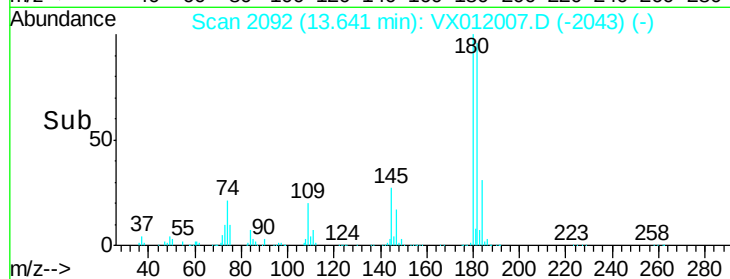
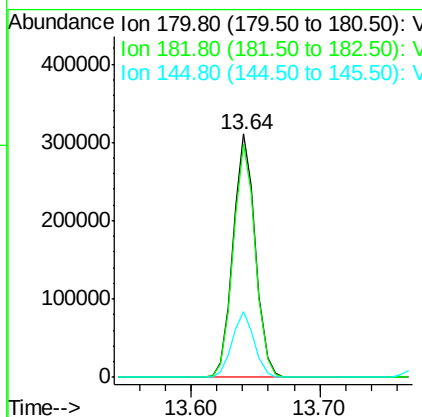
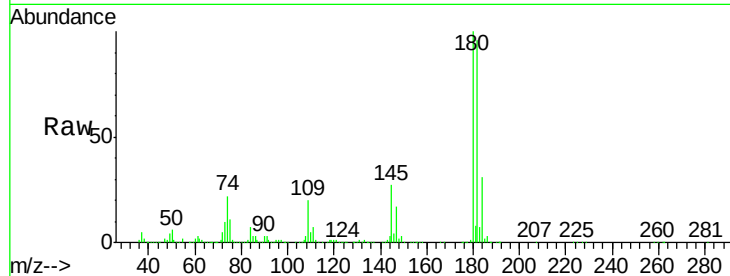
#93
 1,2,4-Trichlorobenzene
 Concen: 55.352 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	48.1	144.4	
145	26.9	13.8	41.3	

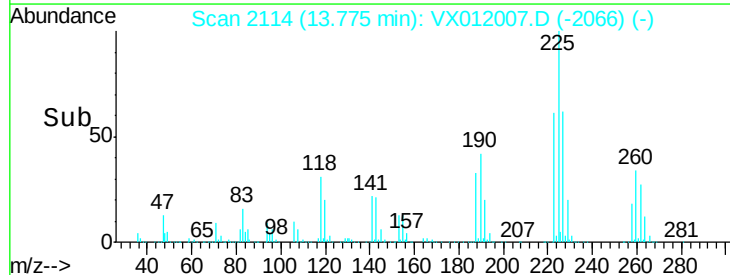
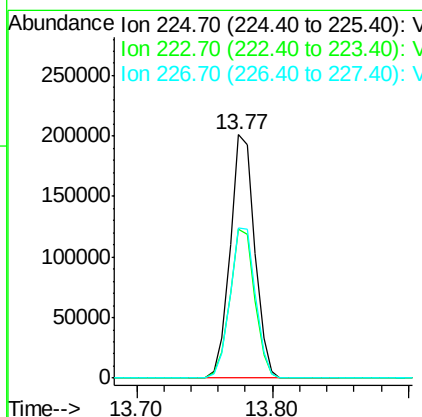
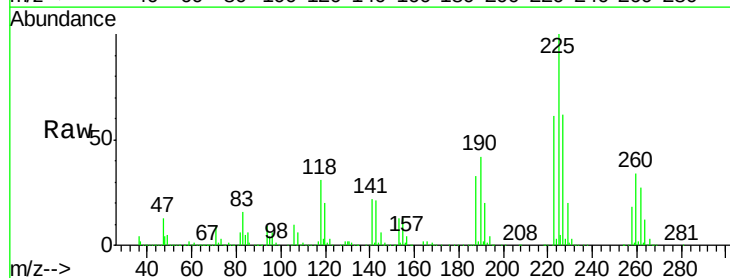
Manual Integrations
 APPROVED

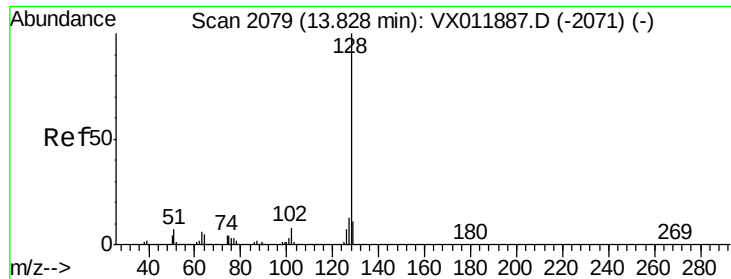
MMDadoda
 9/5/2019 2:04:54 AM



#94
 Hexachlorobutadiene
 Concen: 55.758 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012007.D
 Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	30.8	92.3	
227	63.7	31.9	95.7	





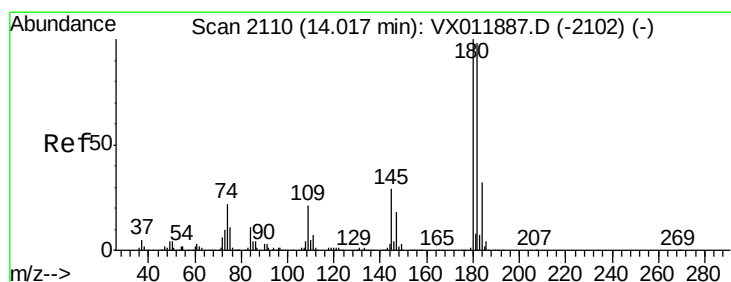
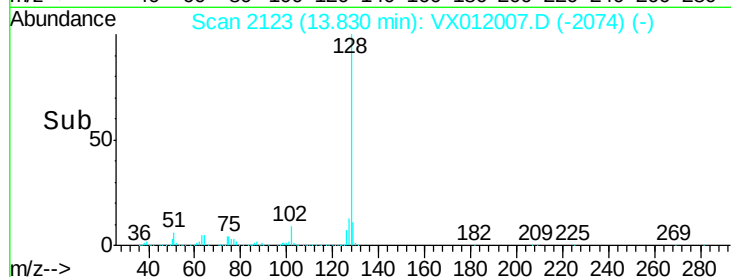
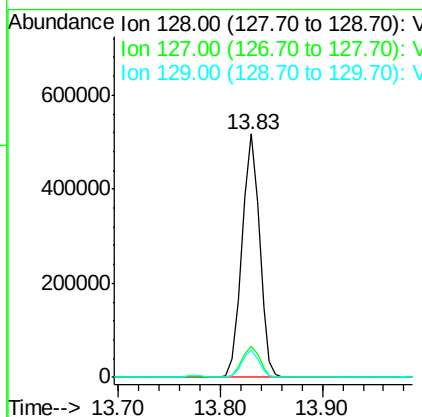
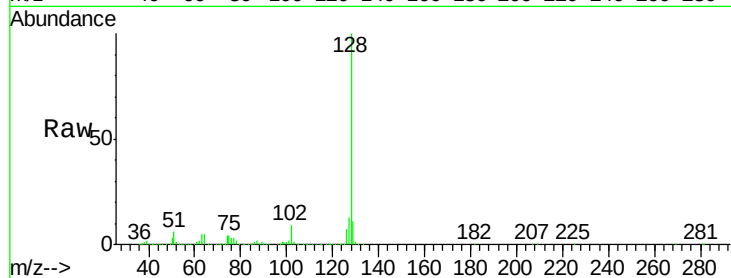
#95
Naphthalene
Concen: 52.960 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	613325		
127	13.1		10.4	15.6
129	11.0		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/5/2019 2:04:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.633 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012007.D
Acq: 01 Sep 2019 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333373		
182	97.5		48.3	144.8
145	29.3		14.6	43.8

