

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091119\
 Data File : VX012291.D
 Acq On : 11 Sep 2019 09:14
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:26:21 AM

Quant Time: Sep 12 05:53:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	135861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	237896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	92380	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
35) Dibromofluoromethane	5.48	113	73992	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	8.71	98	287604	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	11.14	95	119450	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	54192	48.788	ug/l	98
3) Chloromethane	1.31	50	51000	50.936	ug/l	99
4) Vinyl Chloride	1.40	62	50109	50.474	ug/l	99
5) Bromomethane	1.63	94	29165	74.779	ug/l	100
6) Chloroethane	1.71	64	33195	50.004	ug/l	95
7) Trichlorofluoromethane	1.92	101	93641	52.118	ug/l	99
8) Diethyl Ether	2.17	74	30819	50.268	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64408	53.189	ug/l	99
10) Methyl Iodide	2.50	142	46542	40.383	ug/l	99
11) Tert butyl alcohol	3.03	59	42237	205.438	ug/l	100
12) 1,1-Dichloroethene	2.36	96	51827	50.413	ug/l	95
13) Acrolein	2.28	56	40953	407.860	ug/l	94
14) Allyl chloride	2.72	41	108204	51.625	ug/l	99
15) Acrylonitrile	3.12	53	95585	252.212	ug/l	99
16) Acetone	2.43	43	125390	275.757	ug/l	97
17) Carbon Disulfide	2.56	76	109597	50.767	ug/l	100
18) Methyl Acetate	2.76	43	45575	47.685	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	203228	50.058	ug/l	98
20) Methylene Chloride	2.84	84	70801	49.903	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	63376	51.671	ug/l	93
22) Diisopropyl ether	3.84	45	242230	50.534	ug/l	98
23) Vinyl Acetate	3.80	43	760907	258.726	ug/l	99
24) 1,1-Dichloroethane	3.69	63	133947	52.168	ug/l	99
25) 2-Butanone	4.65	43	148521	255.505	ug/l	99
26) 2,2-Dichloropropane	4.57	77	131984	54.752	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	80694	50.959	ug/l	98
28) Bromochloromethane	5.00	49	58375	48.476	ug/l	99
29) Tetrahydrofuran	5.11	42	79250	252.688	ug/l	100
30) Chloroform	5.19	83	147926	51.091	ug/l	98
31) Cyclohexane	5.56	56	94328	52.888	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	130618	52.539	ug/l	99
36) 1,1-Dichloropropene	5.78	75	93477	53.888	ug/l	98
37) Ethyl Acetate	4.82	43	55846	52.081	ug/l	99
38) Carbon Tetrachloride	5.77	117	107729	52.933	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	102117	53.642	ug/l	97
40) Benzene	6.13	78	276725	52.709	ug/l	97
41) Methacrylonitrile	5.03	41	35829	54.200	ug/l	94
42) 1,2-Dichloroethane	6.18	62	106914	51.525	ug/l	99
43) Isopropyl Acetate	6.43	43	114446	50.623	ug/l	99
44) Trichloroethene	7.20	130	75442	53.098	ug/l	98
45) 1,2-Dichloropropane	7.51	63	75422	51.900	ug/l	97
46) Dibromomethane	7.65	93	41874	52.722	ug/l	99
47) Bromodichloromethane	7.89	83	111348	51.373	ug/l	98
48) Methyl methacrylate	7.76	41	55307	51.110	ug/l	99
49) 1,4-Dioxane	7.73	88	14009	959.392	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	300664	251.988	ug/l	100
52) Toluene	8.78	92	181982	52.478	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	110959	51.291	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	124294	51.814	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	63388	51.515	ug/l	99
56) Ethyl methacrylate	9.17	69	85280	51.188	ug/l	100
57) 1,3-Dichloropropane	9.37	76	109260	51.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	217642	254.883	ug/l	99
59) 2-Hexanone	9.48	43	231481	279.022	ug/l	100
60) Dibromochloromethane	9.57	129	74012	51.523	ug/l	97
61) 1,2-Dibromoethane	9.67	107	58599	51.161	ug/l	99
64) Tetrachloroethene	9.33	164	59358	52.082	ug/l	96
65) Chlorobenzene	10.14	112	206840	52.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	81160	54.677	ug/l	98
67) Ethyl Benzene	10.25	91	378287	54.016	ug/l	98
68) m/p-Xylenes	10.35	106	284210	110.245	ug/l	100
69) o-Xylene	10.70	106	133633	52.915	ug/l	98
70) Styrene	10.71	104	240662	53.733	ug/l	99
71) Bromoform	10.85	173	39416	51.209	ug/l #	98
73) Isopropylbenzene	11.01	105	377120	54.274	ug/l	100
74) N-amyl acetate	10.89	43	107343	51.957	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	79840	53.502	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	69826m	51.498	ug/l	
77) Bromobenzene	11.25	156	86240	53.908	ug/l	99
78) n-propylbenzene	11.35	91	460825	54.919	ug/l	100
79) 2-Chlorotoluene	11.42	91	281354	54.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	338118	54.110	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23575	52.095	ug/l	97
82) 4-Chlorotoluene	11.51	91	342087	54.755	ug/l	99
83) tert-Butylbenzene	11.76	119	338102	55.723	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	351035	54.343	ug/l	99
85) sec-Butylbenzene	11.94	105	402024	55.531	ug/l	99
86) p-Isopropyltoluene	12.06	119	370647	55.409	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	179060	54.946	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	176641	53.604	ug/l	99
89) n-Butylbenzene	12.38	91	370905	56.571	ug/l	99
90) Hexachloroethane	12.59	117	68196	55.348	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	162312	53.843	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15137	49.695	ug/l	96

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ClientSampleId :
VSTDCCC050

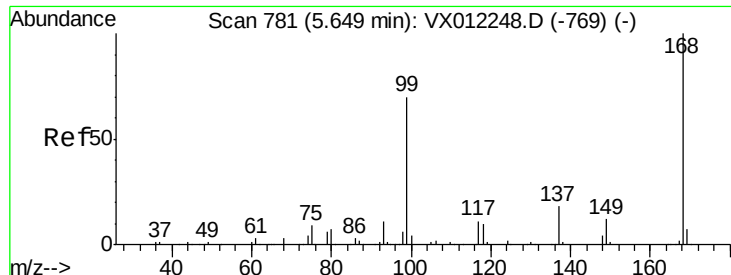
Manual Integrations
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MMDadoda
9/12/2019 9:26:21 AM

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	111436	53.528	ug/l	98
94) Hexachlorobutadiene	13.78	225	56557	54.609	ug/l	99
95) Naphthalene	13.83	128	236361	52.905	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	101440	55.071	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: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 135861

Ion Ratio Lower Upper

168 100

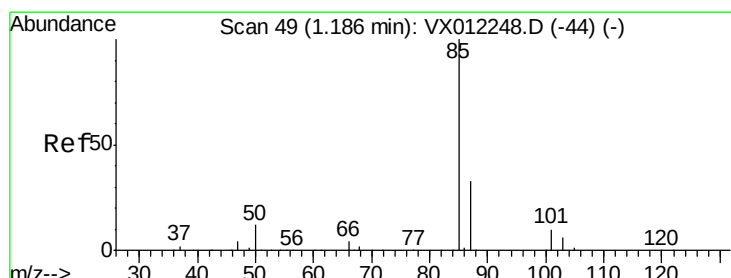
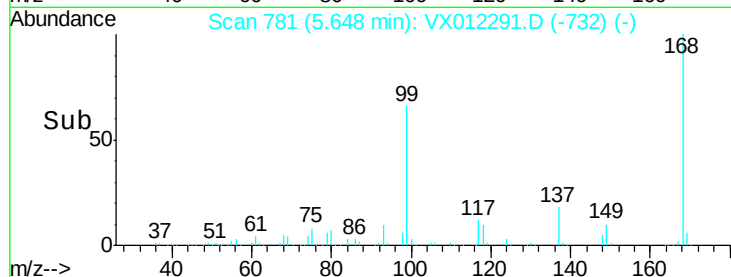
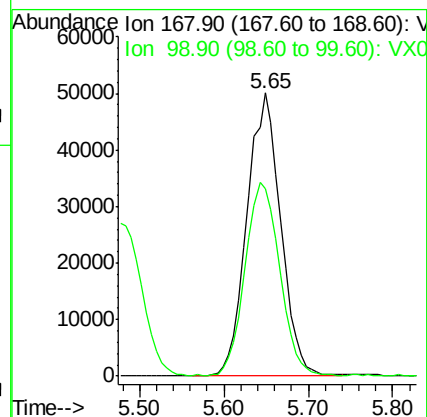
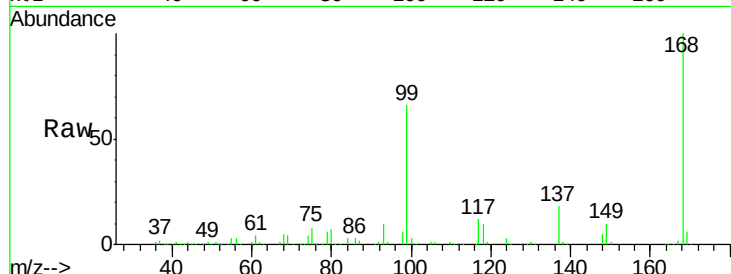
99 65.9 55.8 83.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.788 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012291.D

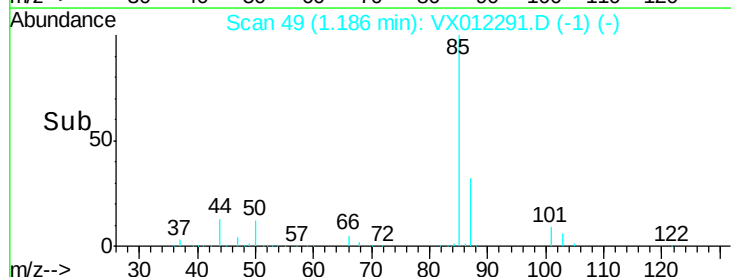
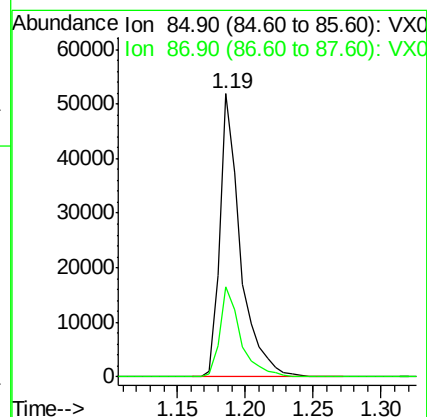
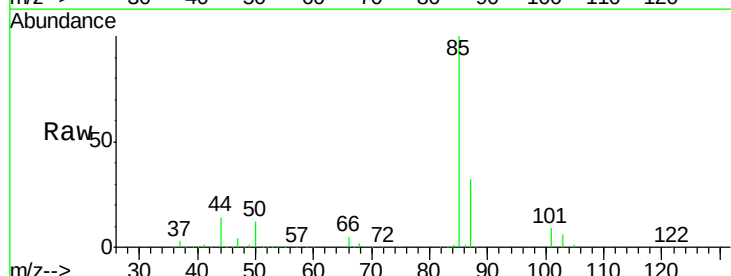
Acq: 11 Sep 2019 09:14

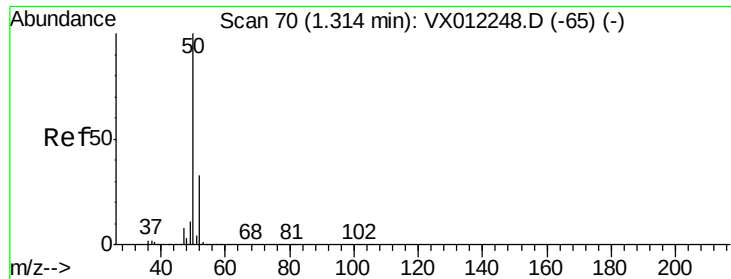
Tgt Ion: 85 Resp: 54192

Ion Ratio Lower Upper

85 100

87 32.0 16.7 50.0





#3

Chloromethane

Concen: 50.936 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 51000

Ion Ratio Lower Upper

50 100

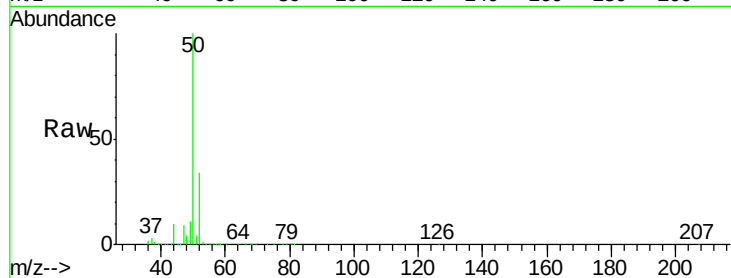
52 34.0 26.7 40.1

Manual Integrations

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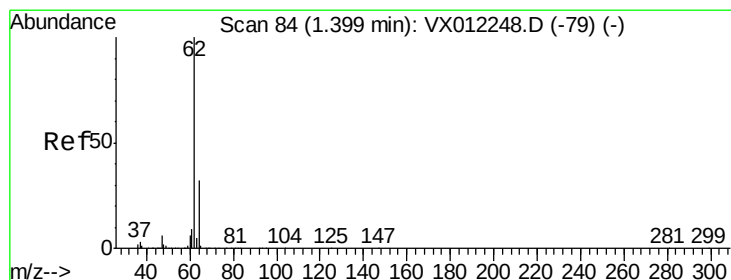
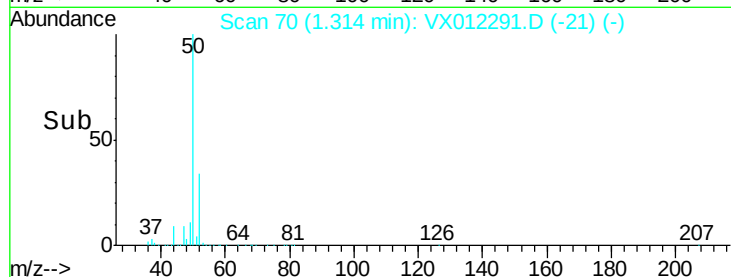
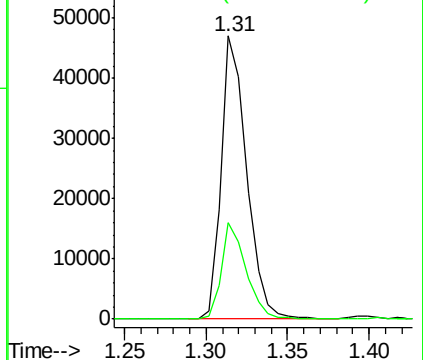
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.474 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012291.D

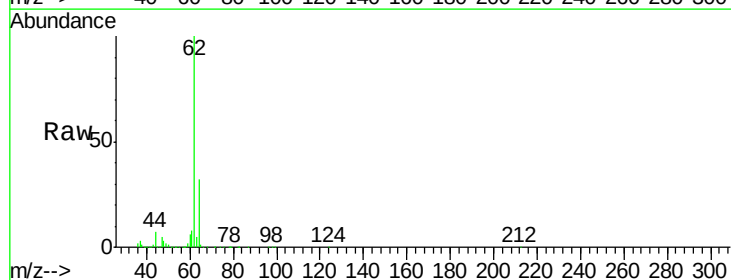
Acq: 11 Sep 2019 09:14

Tgt Ion: 62 Resp: 50109

Ion Ratio Lower Upper

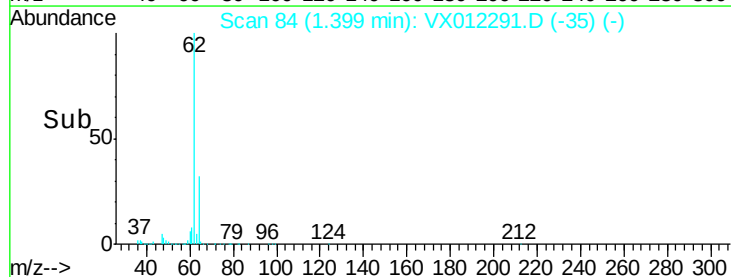
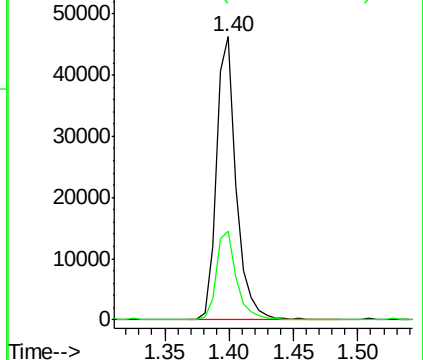
62 100

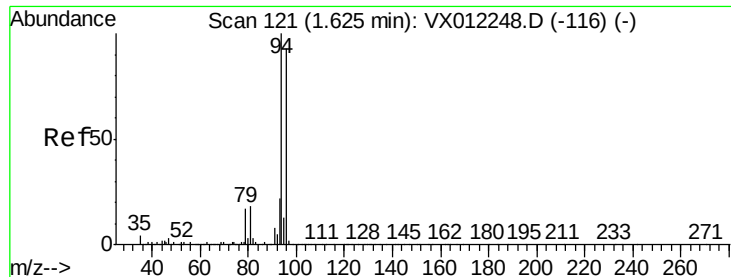
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 74.779 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 29165

Ion Ratio Lower Upper

94 100

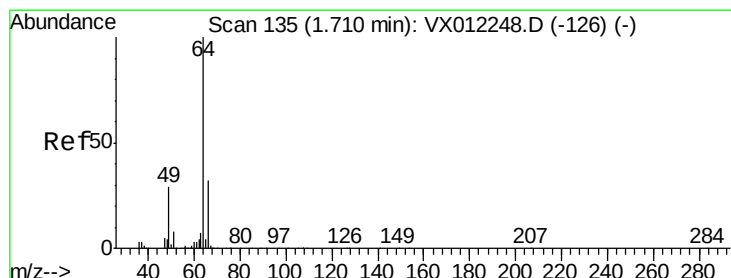
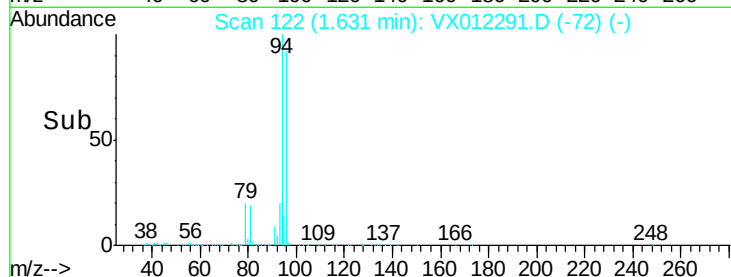
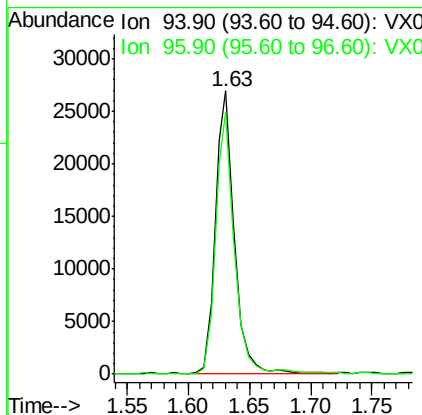
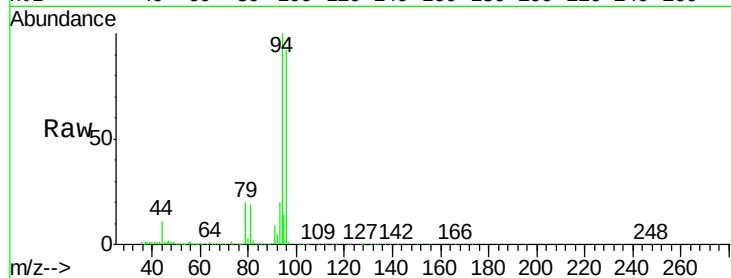
96 92.5 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 50.004 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012291.D

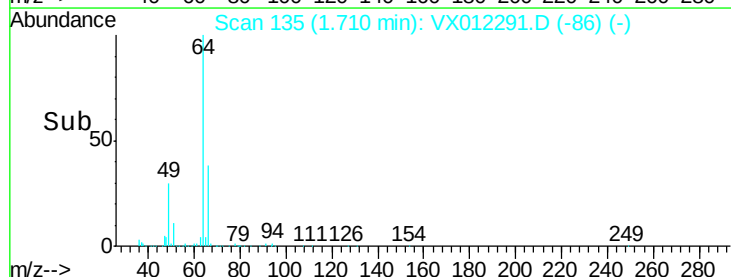
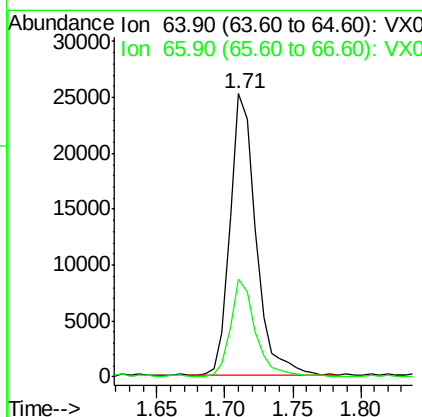
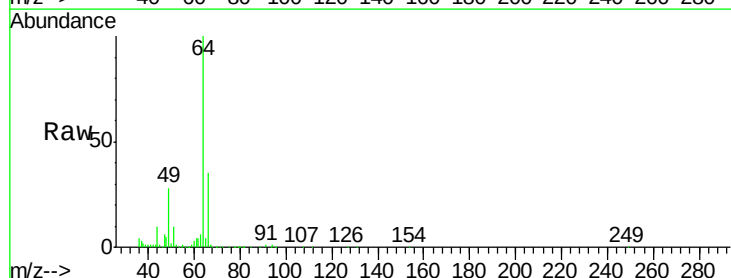
Acq: 11 Sep 2019 09:14

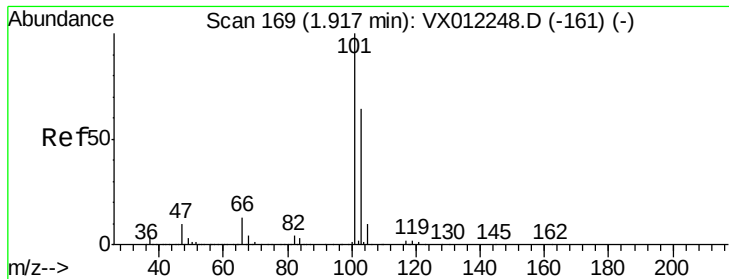
Tgt Ion: 64 Resp: 33195

Ion Ratio Lower Upper

64 100

66 34.8 25.8 38.6





#7

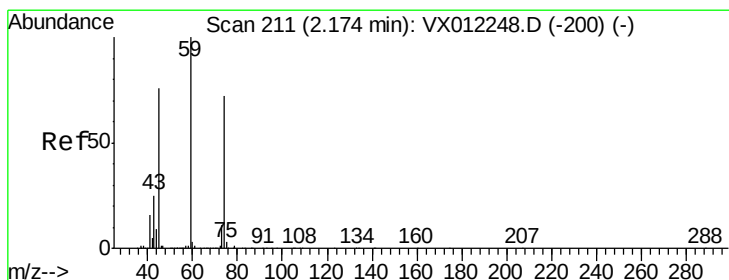
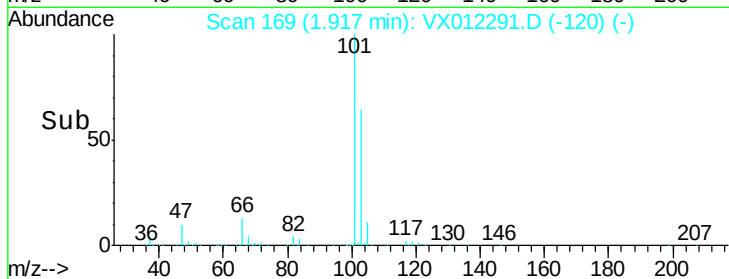
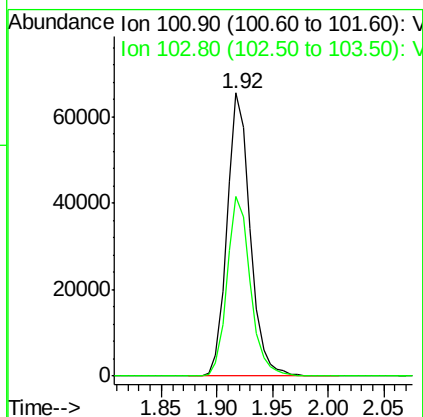
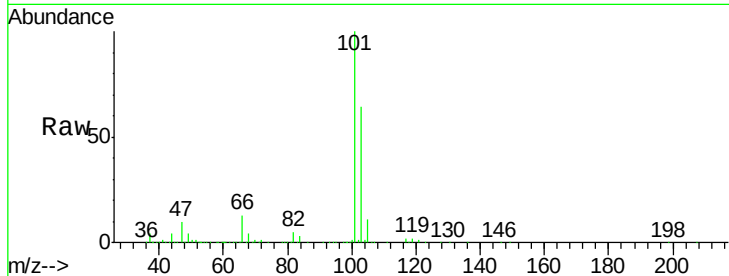
Trichlorofluoromethane
Concen: 52.118 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.4	77.2

Manual Integrations
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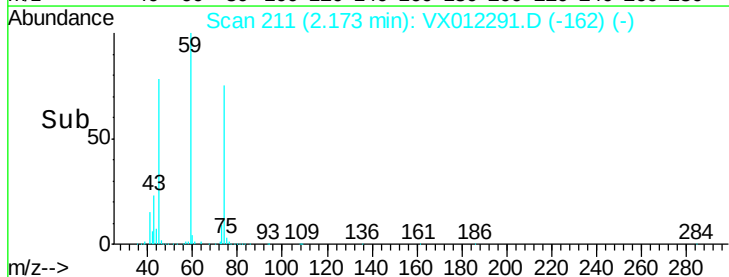
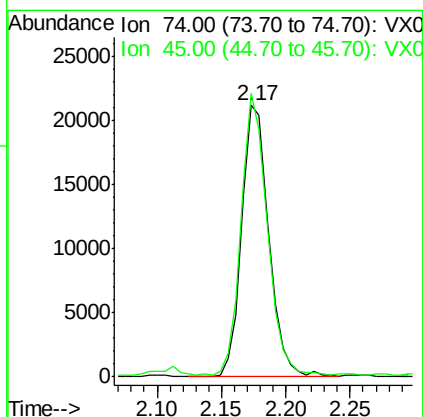
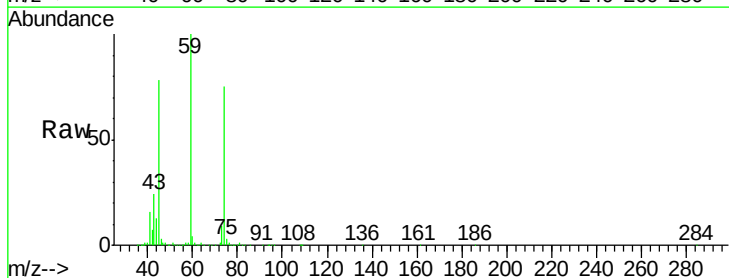
MMDadoda
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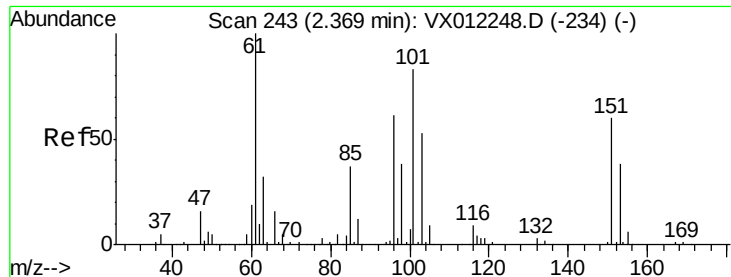


#8

Diethyl Ether
Concen: 50.268 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.189 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

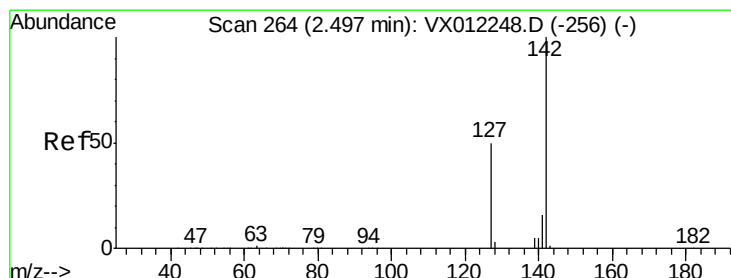
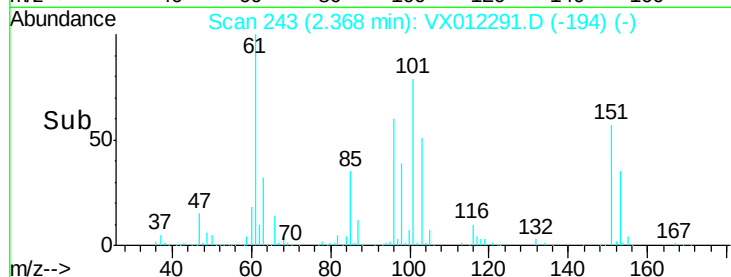
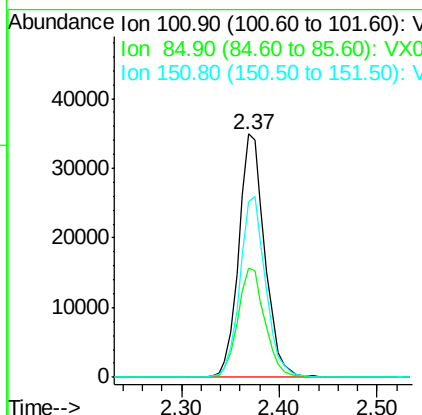
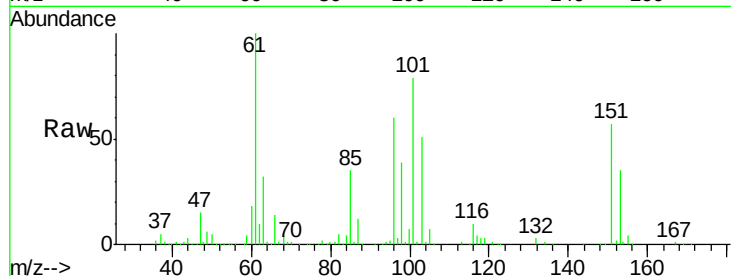
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	64408
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.0	55.6
151	73.6	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 40.383 ug/l

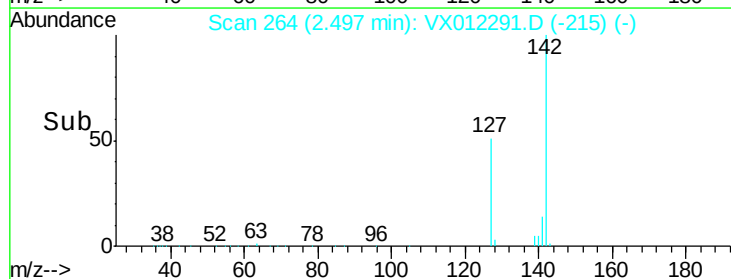
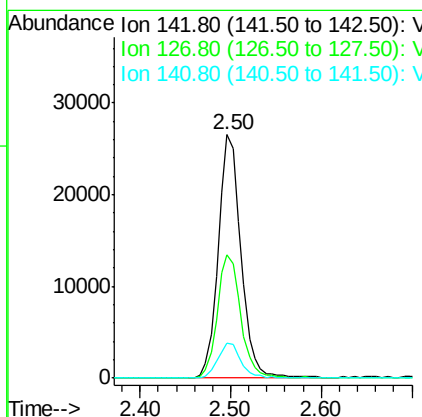
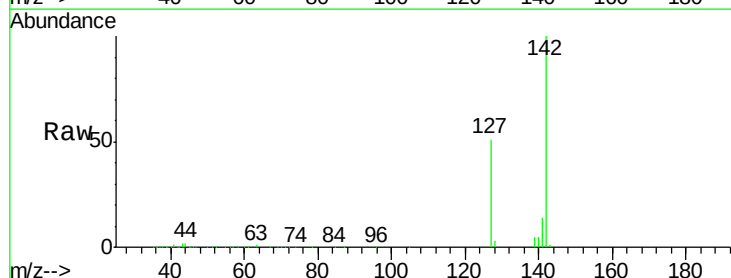
RT: 2.50 min Scan# 264

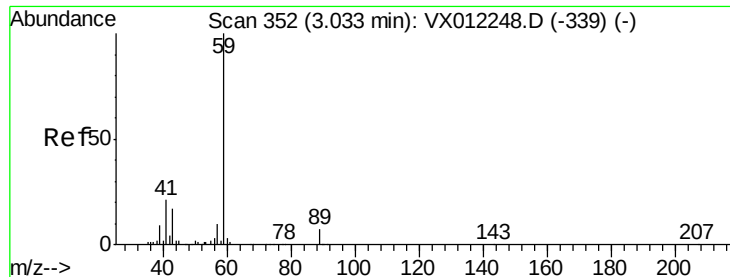
Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Tgt Ion:	142	Resp:	46542
Ion Ratio	Lower	Upper	
142	100		
127	52.0	40.6	61.0
141	14.7	12.0	18.0





#11

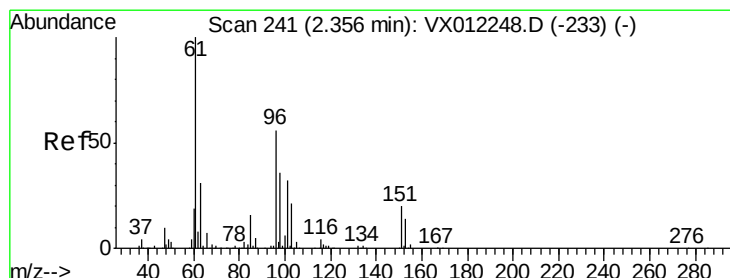
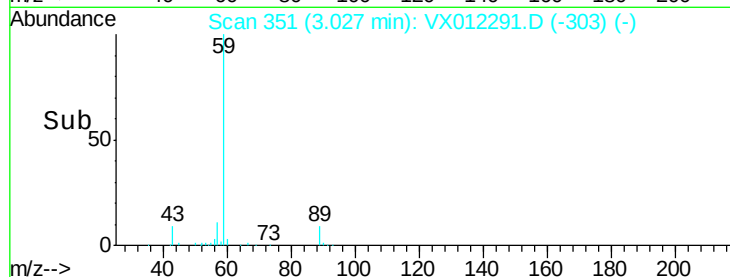
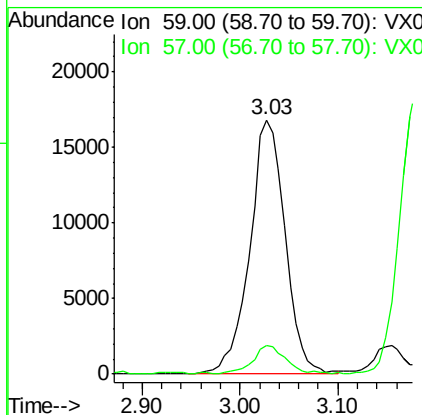
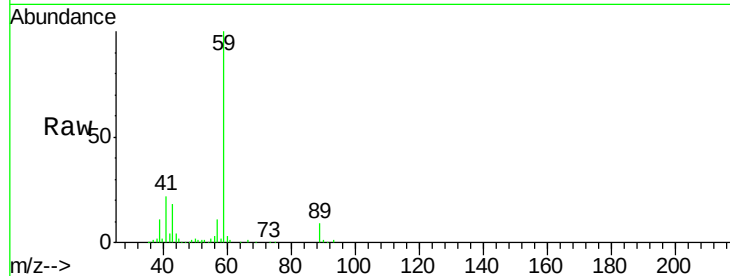
Tert butyl alcohol
Concen: 205.438 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.6

Manual Integrations
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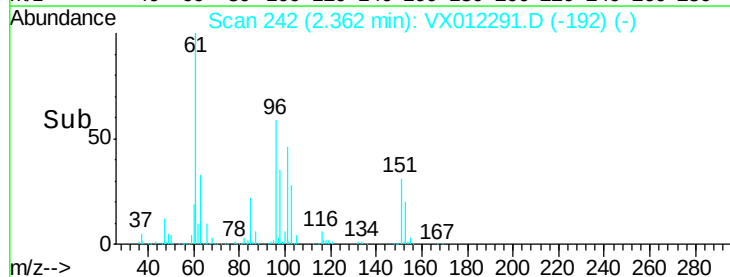
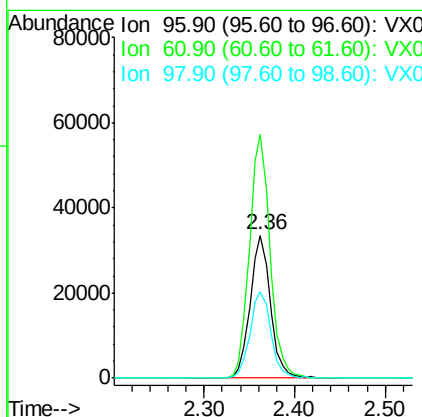
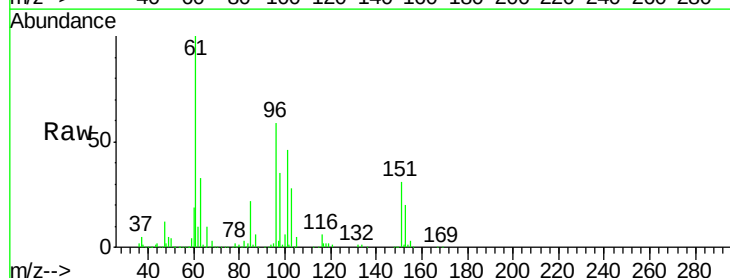
MMDadoda
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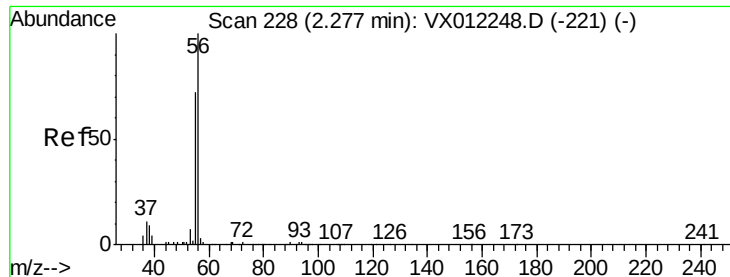


#12

1,1-Dichloroethene
Concen: 50.413 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.2	142.2	213.2
98	59.7	51.3	76.9





#13

Acrolein

Concen: 407.860 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 40953

Ion Ratio Lower Upper

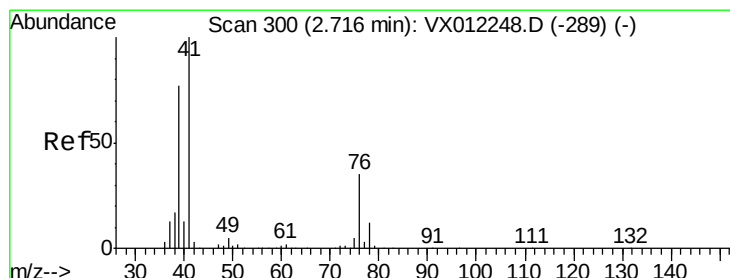
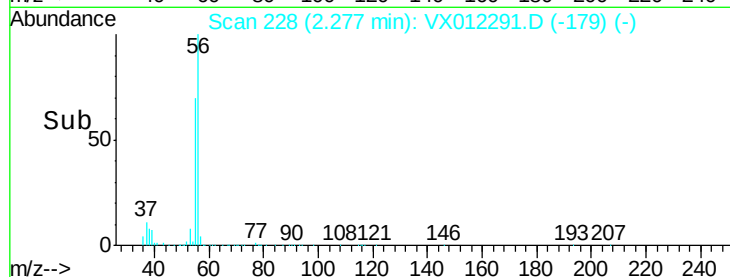
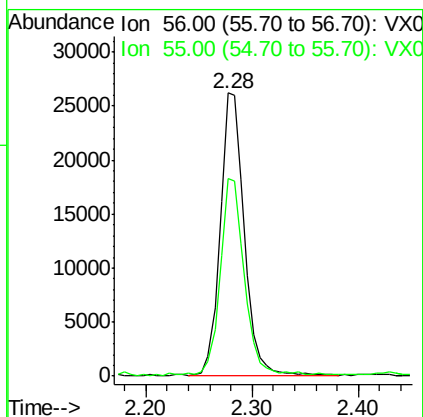
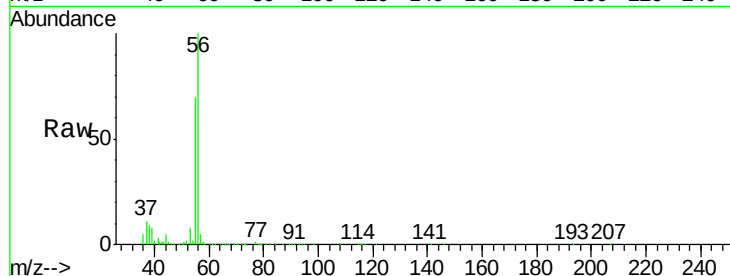
56 100

55 69.7 59.8 89.6

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#14

Allyl chloride

Concen: 51.625 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

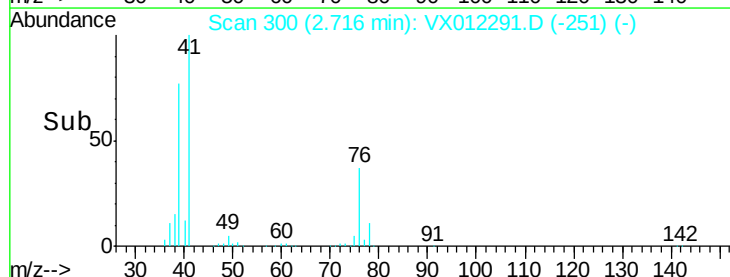
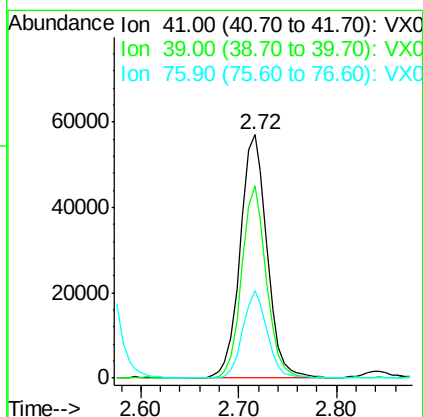
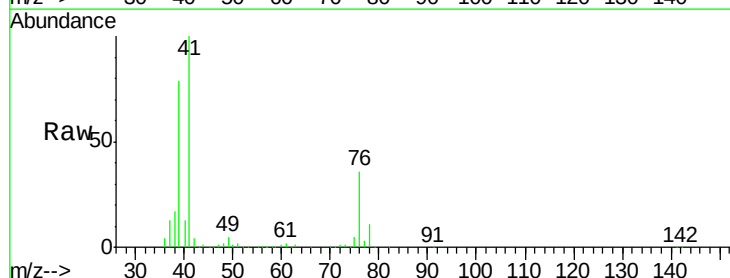
Tgt Ion: 41 Resp: 108204

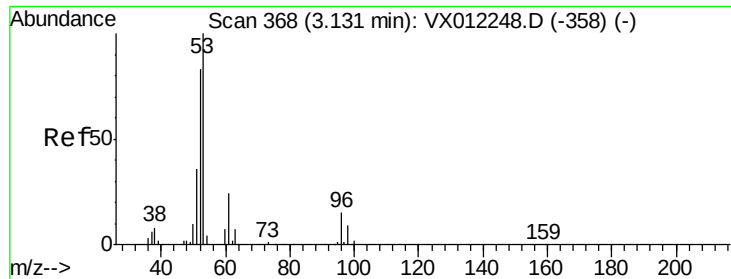
Ion Ratio Lower Upper

41 100

39 72.1 58.6 87.8

76 32.4 26.3 39.5





#15

Acrylonitrile

Concen: 252.212 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

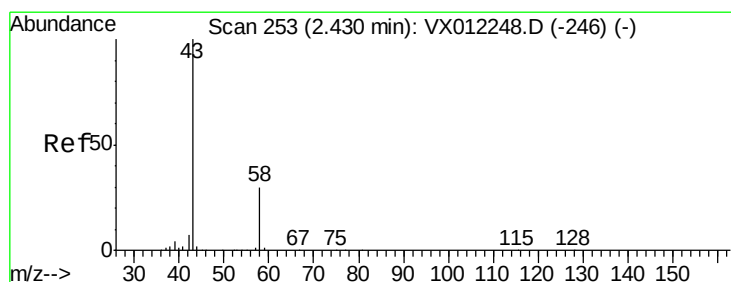
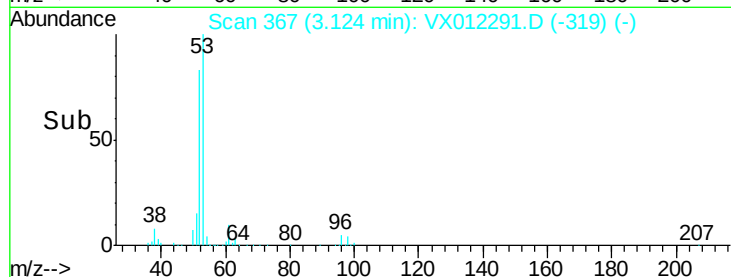
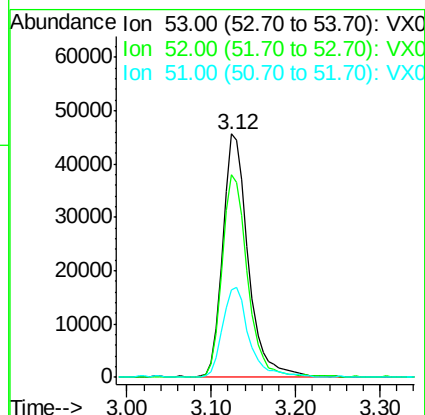
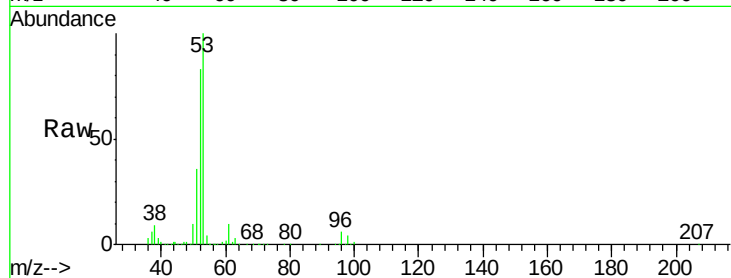
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	95585
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.8	100.2
51	38.4	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 275.757 ug/l

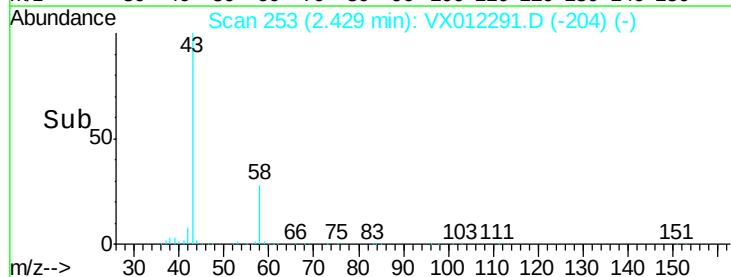
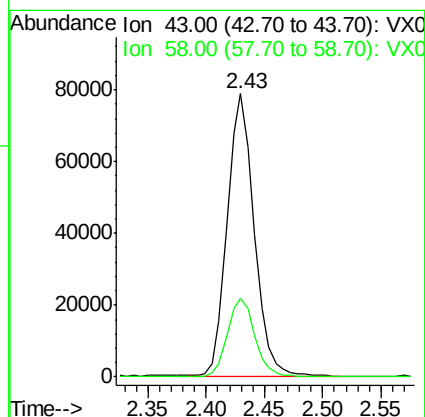
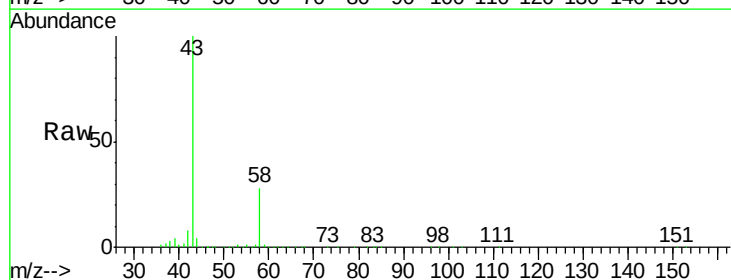
RT: 2.43 min Scan# 253

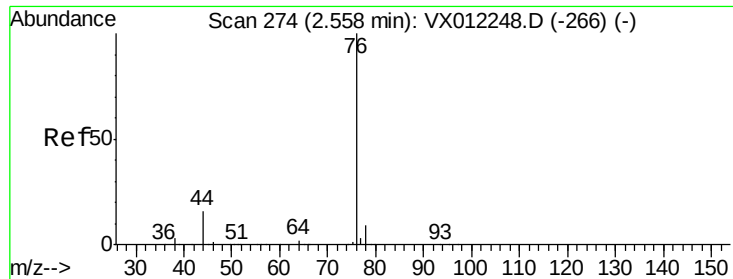
Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Tgt Ion:	43	Resp:	125390
Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.6	35.4





#17

Carbon Disulfide

Concen: 50.767 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 109597

Ion Ratio Lower Upper

76 100

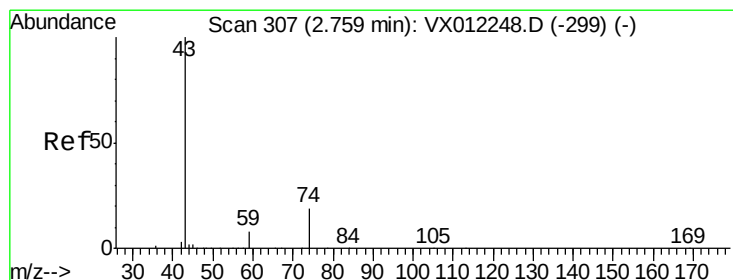
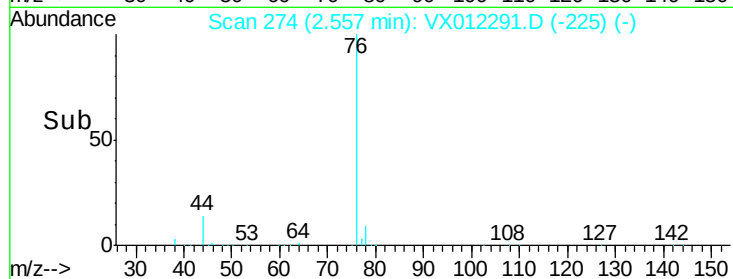
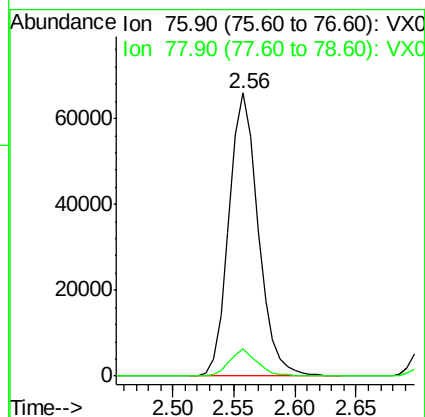
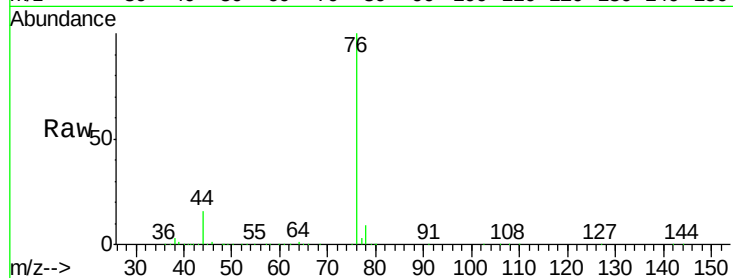
78 9.5 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 47.685 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012291.D

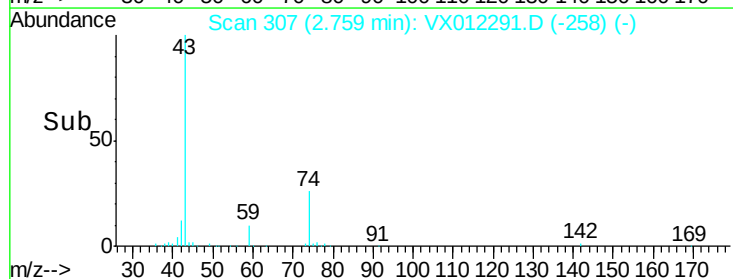
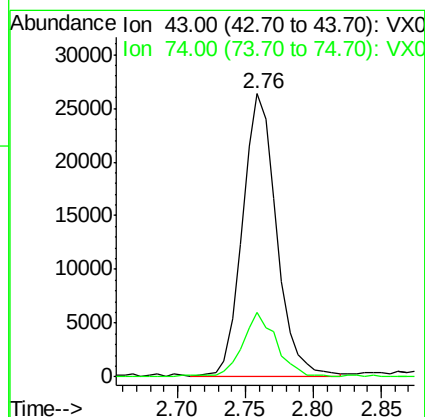
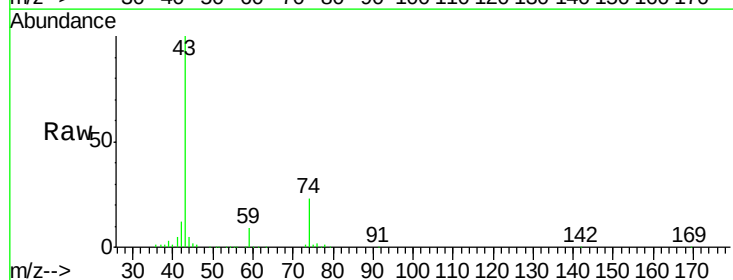
Acq: 11 Sep 2019 09:14

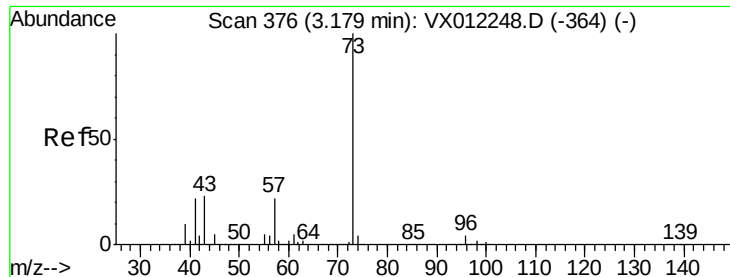
Tgt Ion: 43 Resp: 45575

Ion Ratio Lower Upper

43 100

74 23.4 18.3 27.5





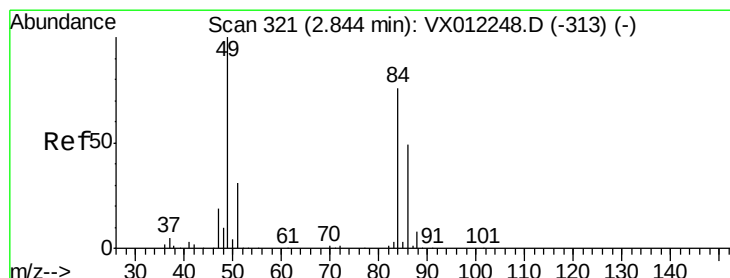
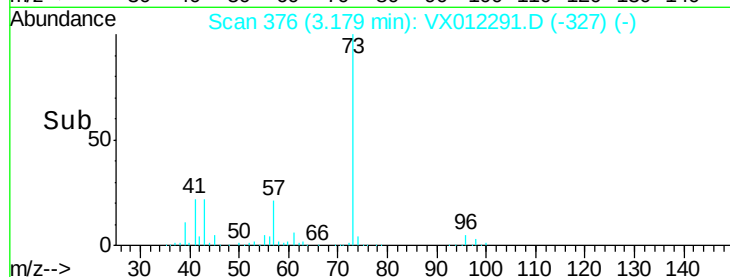
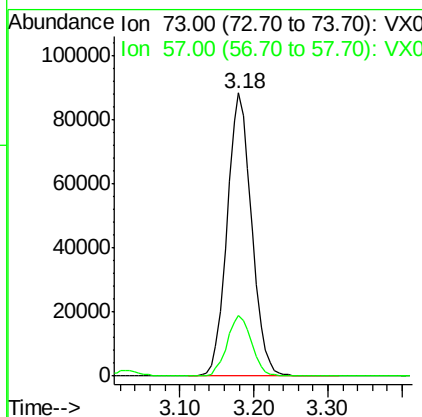
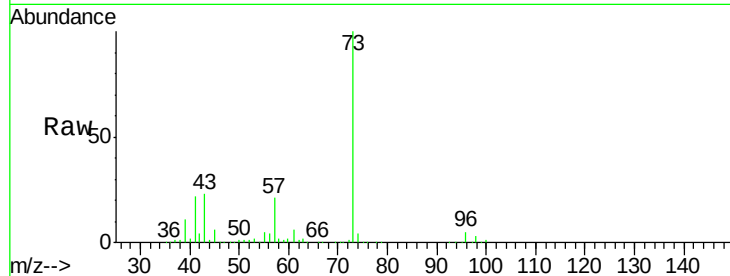
#19
Methyl tert-butyl Ether
Concen: 50.058 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5

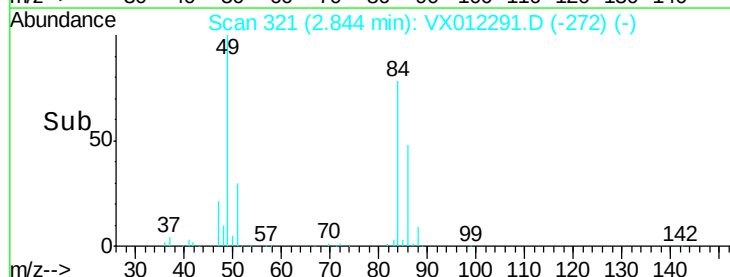
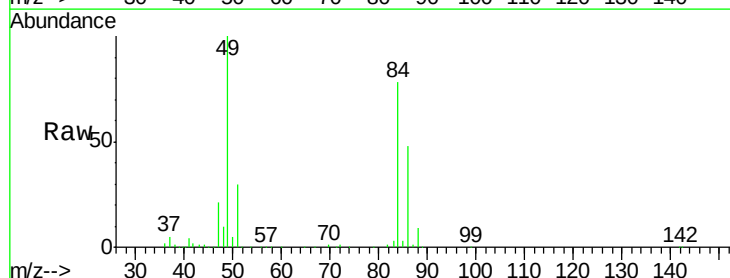
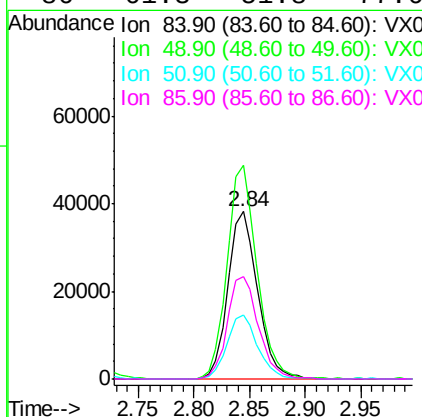
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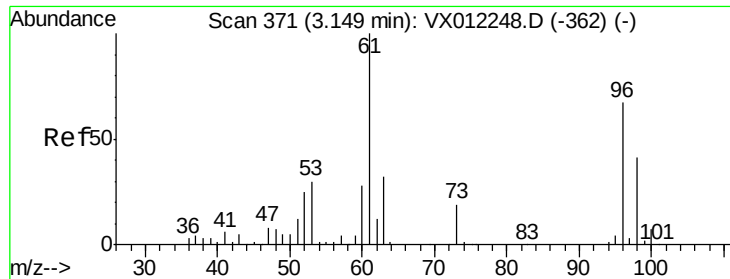
MMDadoda
9/12/2019 9:26:21 AM



#20
Methylene Chloride
Concen: 49.903 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.6	105.0	157.6
51	38.1	32.6	48.8
86	61.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 51.671 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 63376

Ion Ratio Lower Upper

96 100

61 138.7 119.4 179.2

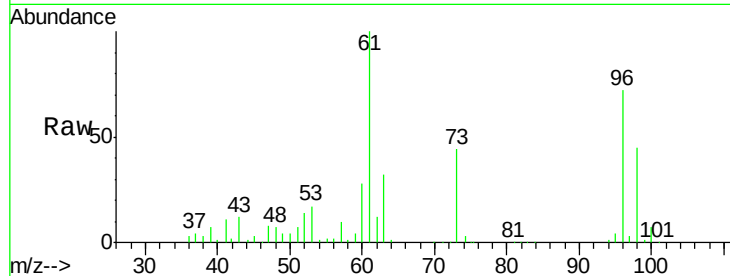
98 62.0 48.4 72.6

Manual Integrations

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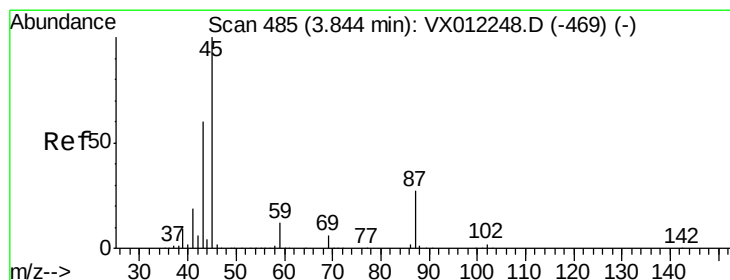
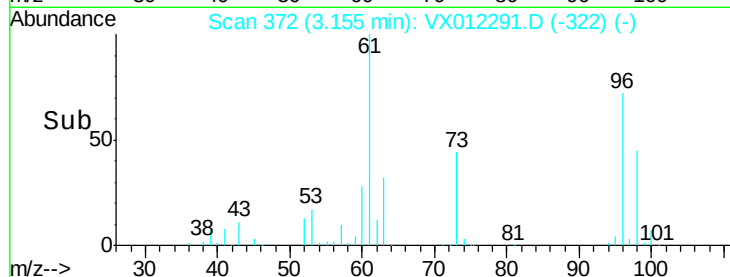
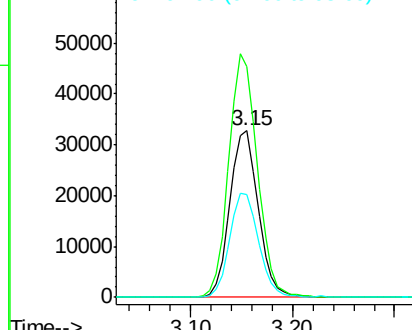


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.534 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Tgt Ion: 45 Resp: 242230

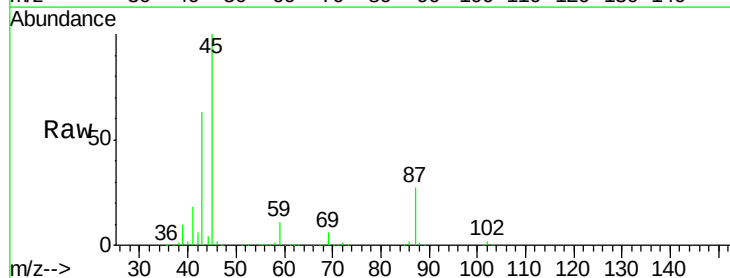
Ion Ratio Lower Upper

45 100

43 63.2 48.3 72.5

87 27.4 21.8 32.8

59 11.3 9.1 13.7



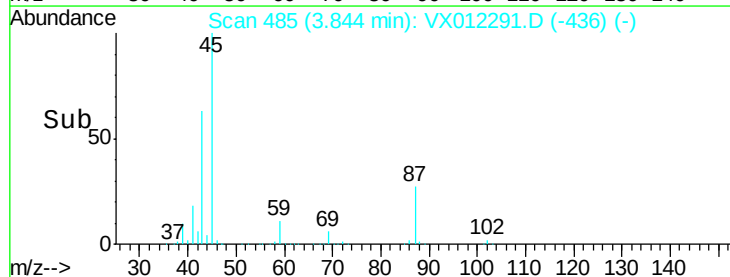
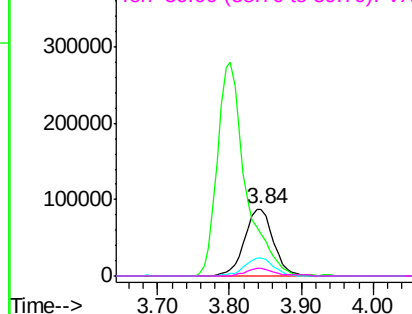
Abundance

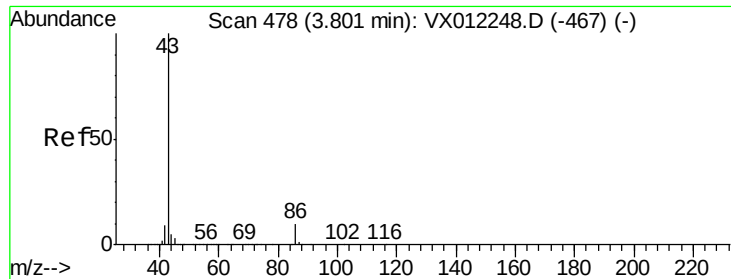
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 258.726 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 760907

Ion Ratio Lower Upper

43 100

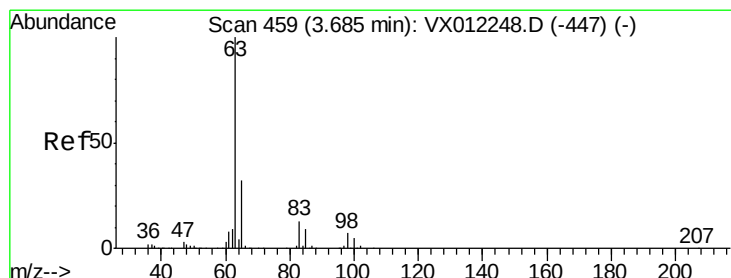
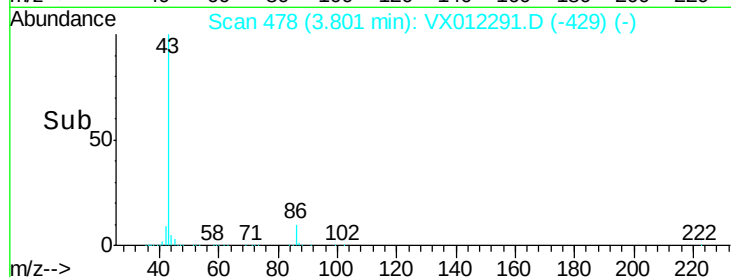
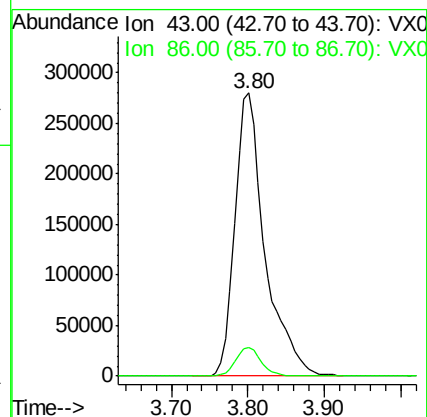
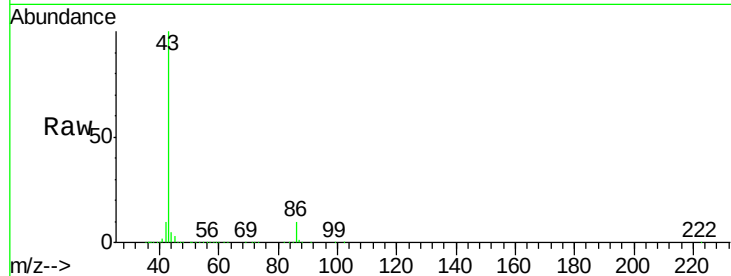
86 9.9 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 52.168 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

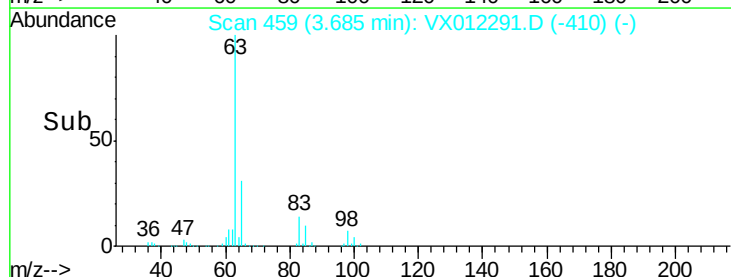
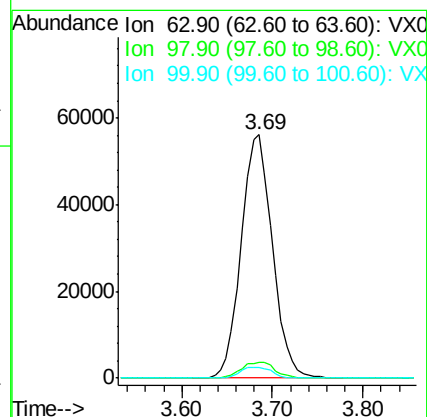
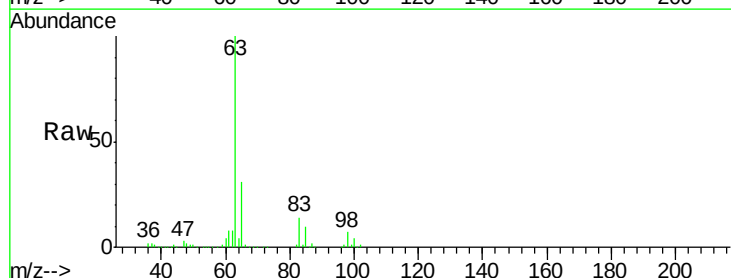
Tgt Ion: 63 Resp: 133947

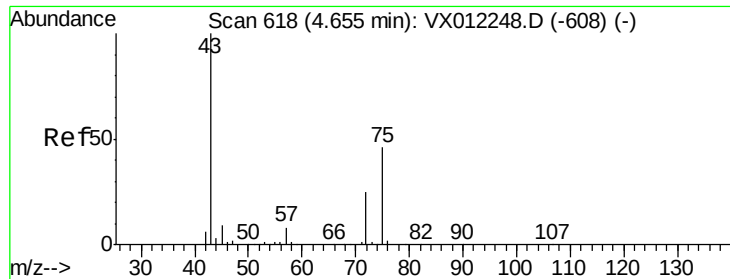
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 255.505 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Tot Ion: 43 Resp: 148521

Ion Ratio Lower Upper

43 100

72 24.6 20.2 30.2

Instrument :

MSVOA_X

ClientSampleId :

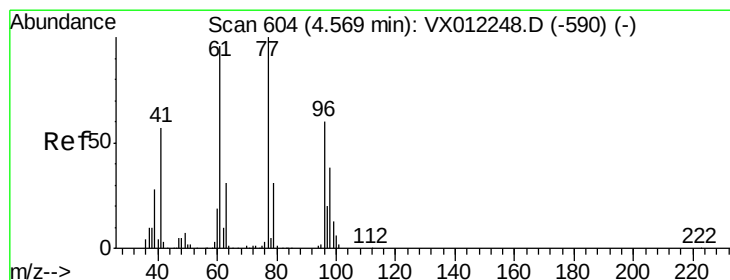
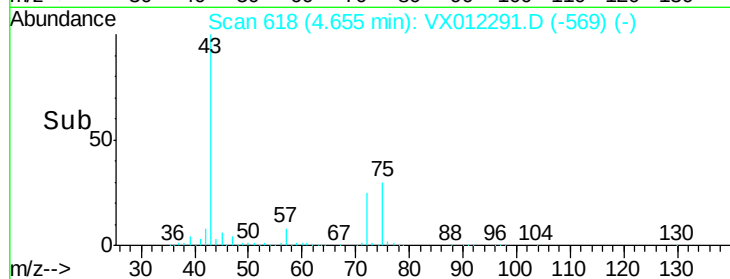
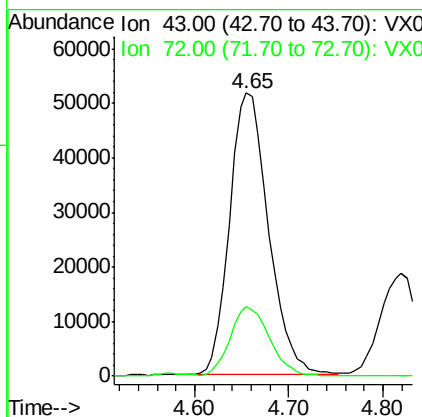
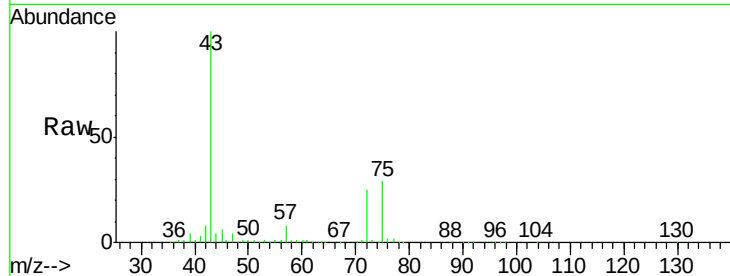
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 54.752 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012291.D

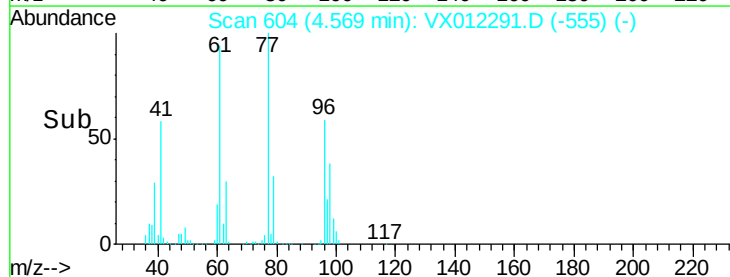
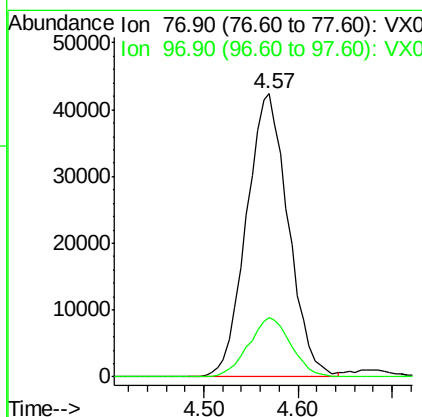
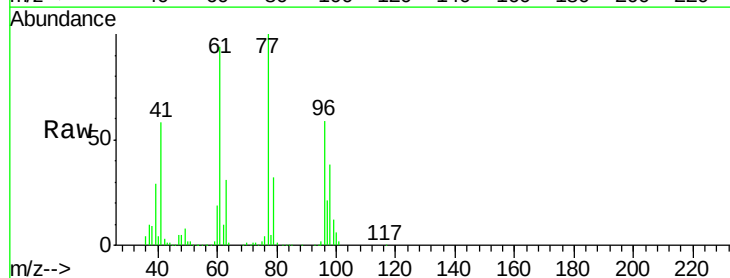
Acq: 11 Sep 2019 09:14

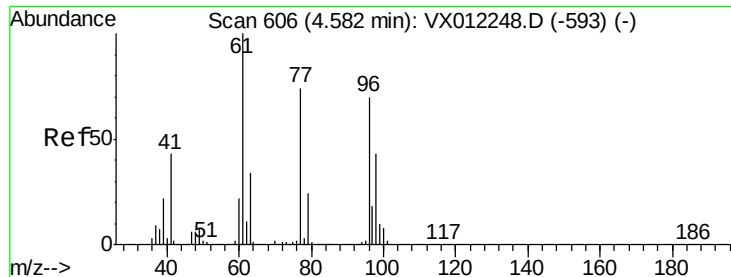
Tgt Ion: 77 Resp: 131984

Ion Ratio Lower Upper

77 100

97 21.1 10.7 32.1





#27

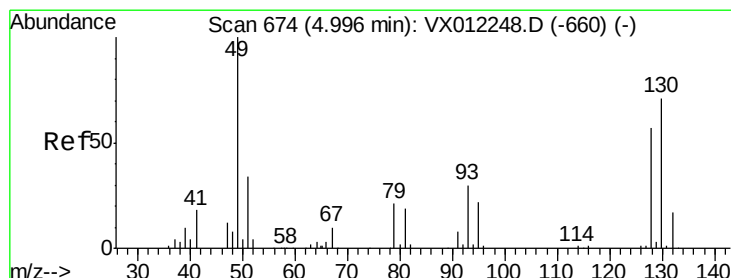
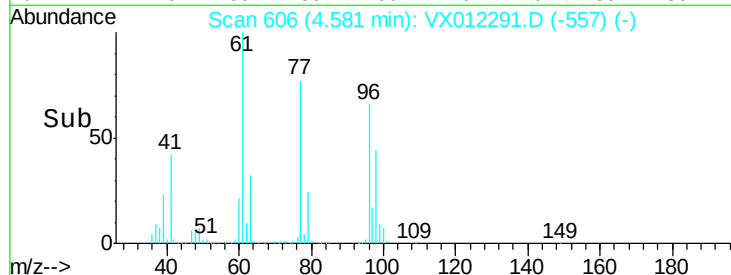
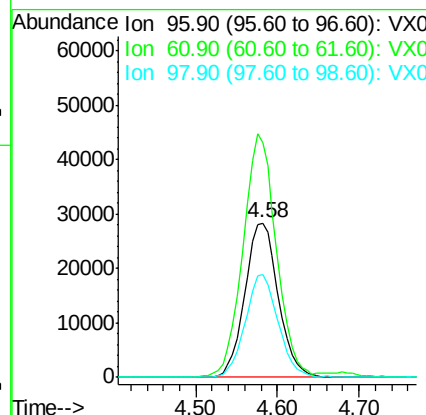
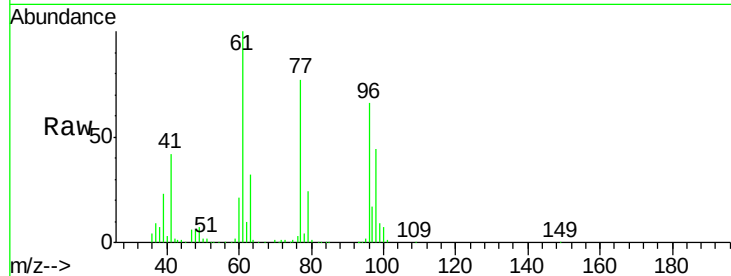
cis-1,2-Dichloroethene
Concen: 50.959 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	157.5	0.0	310.4	
98	65.4	0.0	128.8	

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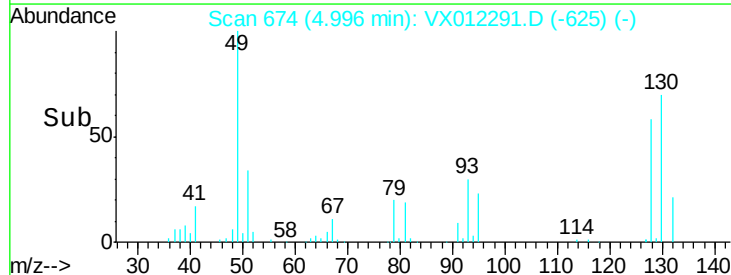
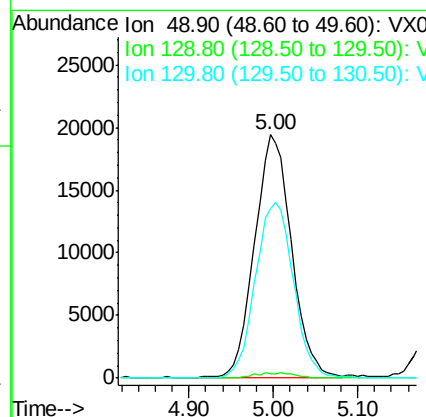
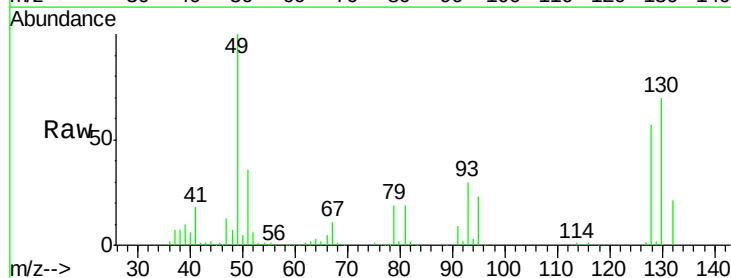
MMDadoda
9/12/2019 9:26:21 AM

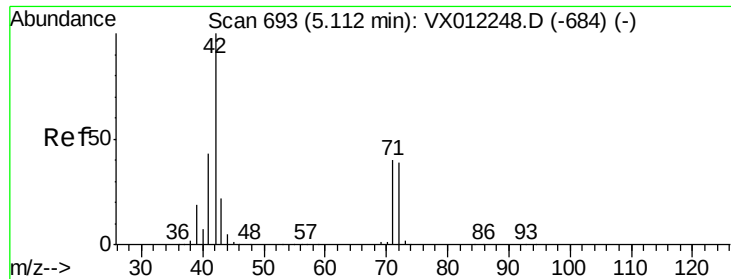


#28

Bromochloromethane
Concen: 48.476 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	5.2	
130	74.2	60.1	90.1	





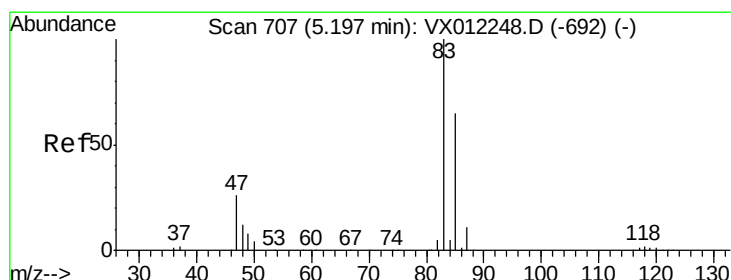
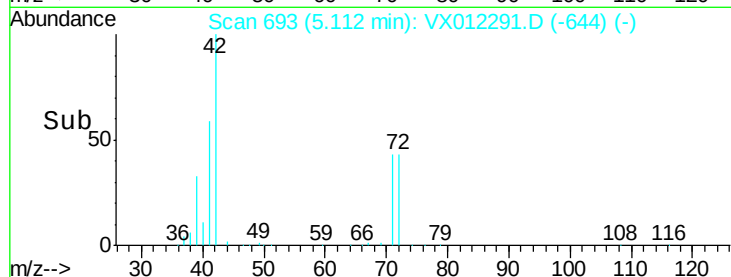
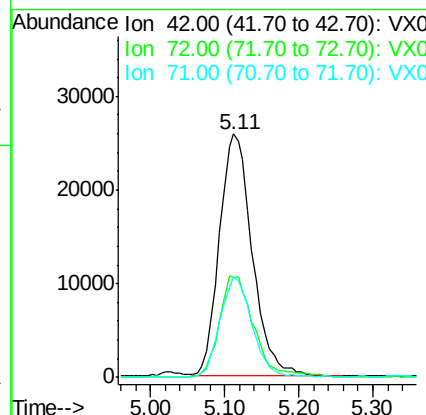
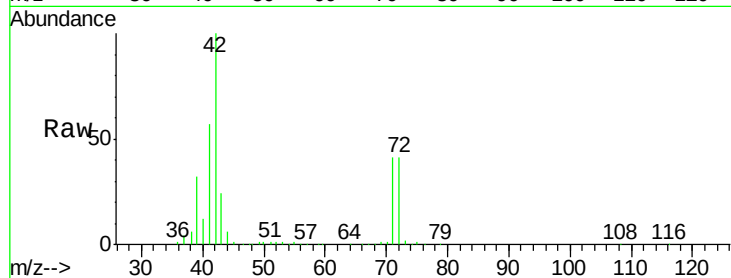
#29
Tetrahydrofuran
Concen: 252.688 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.2	52.8
71	40.5	32.5	48.7

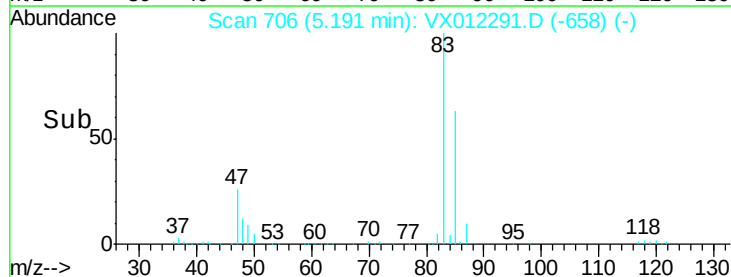
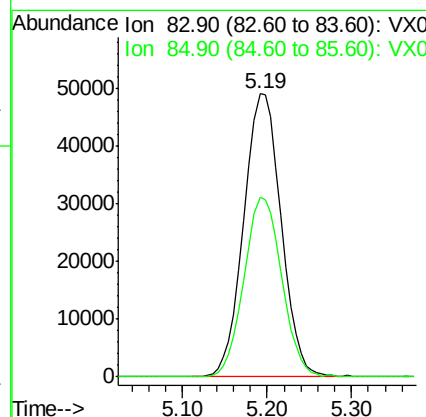
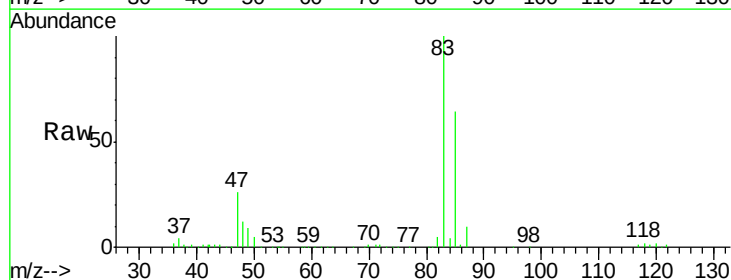
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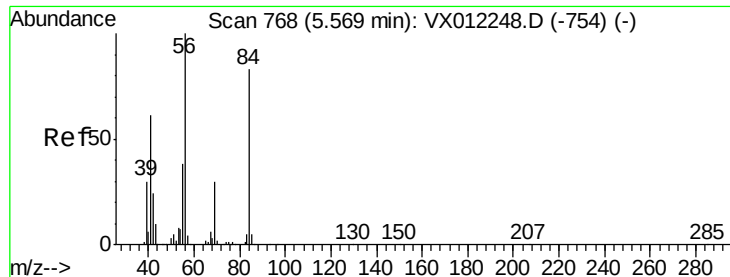
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9/12/2019 9:26:21 AM



#30
Chloroform
Concen: 51.091 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.3	78.5





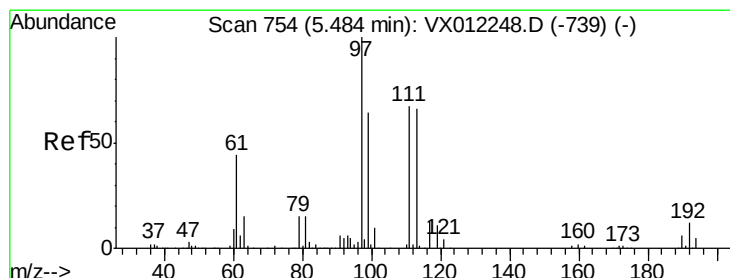
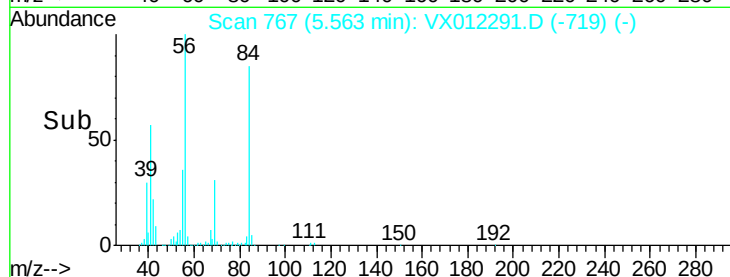
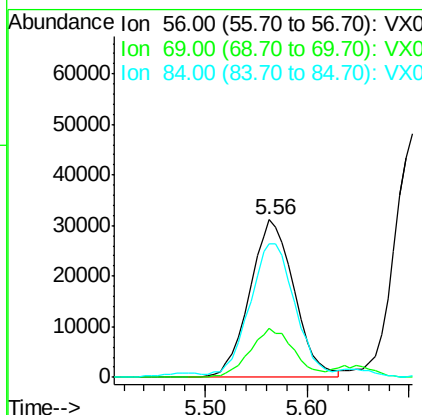
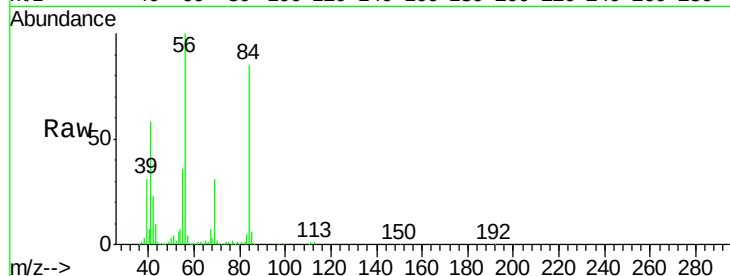
#31
Cyclohexane
Concen: 52.888 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.8	35.6
84	82.2	66.6	100.0

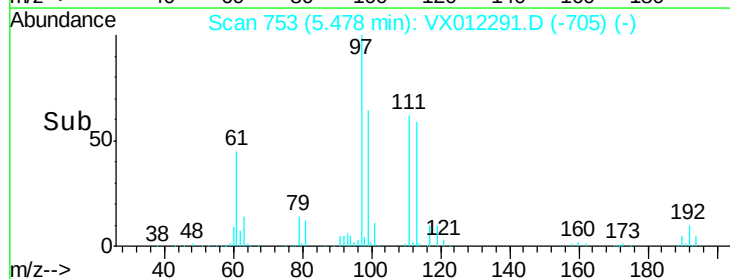
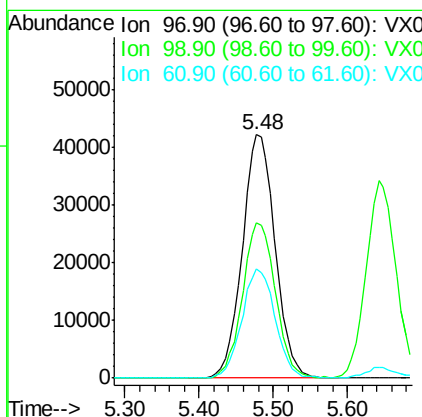
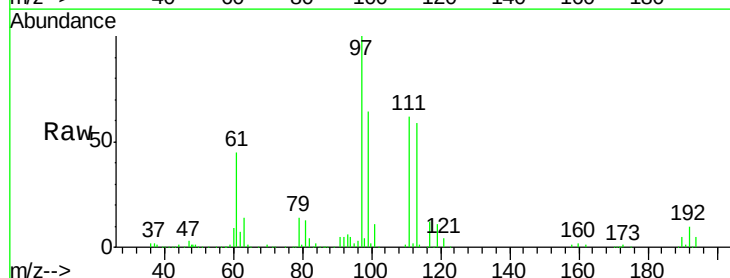
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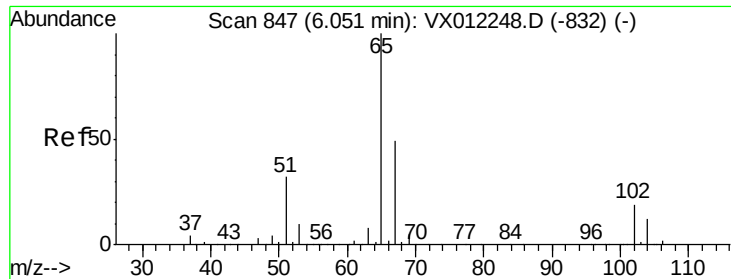
MMDadoda
9/12/2019 9:26:21 AM



#32
1,1,1-Trichloroethane
Concen: 52.539 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	45.4	35.4	53.0





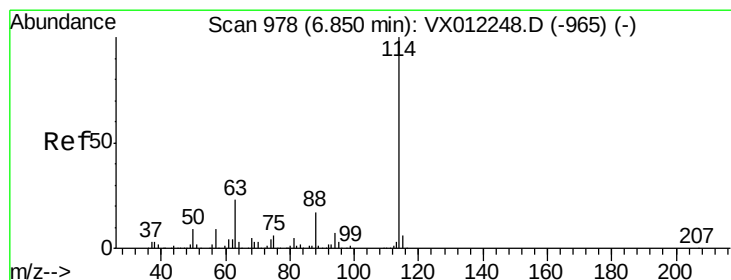
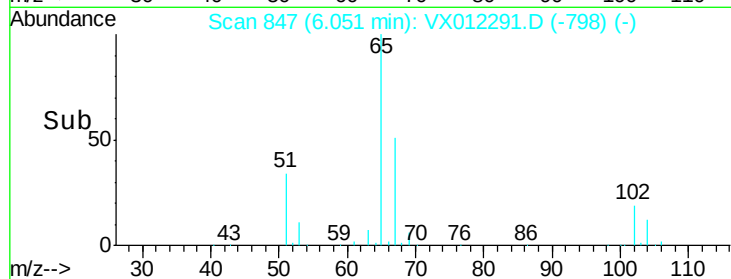
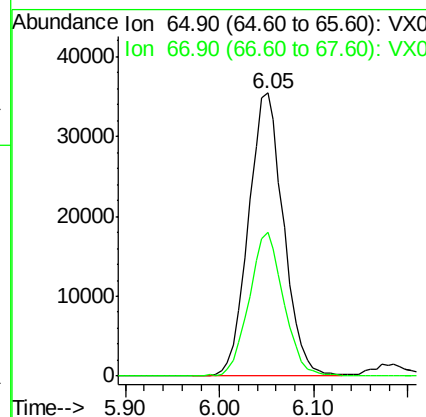
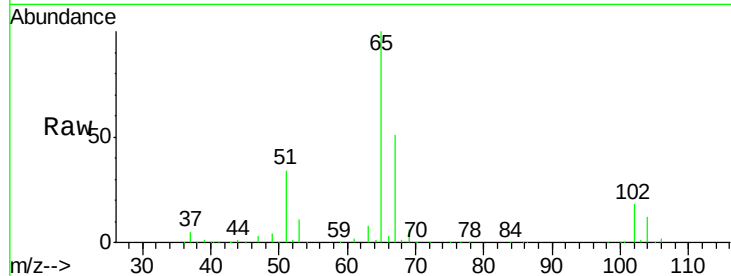
#33
 1,2-Dichloroethane-d4
 Concen: 48.094 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.4	0.0	99.8	

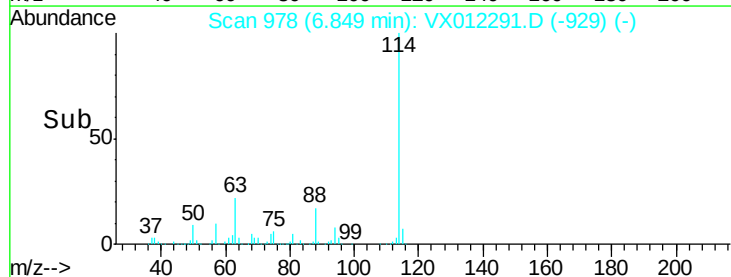
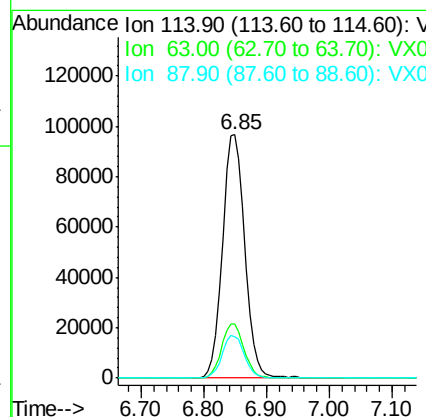
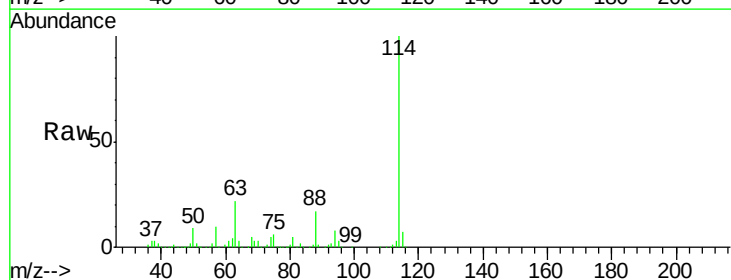
Manual Integrations
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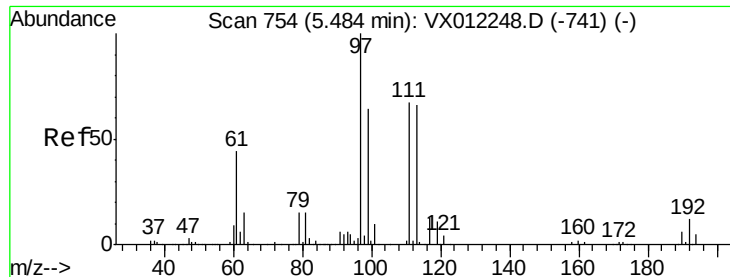
MMDadoda
 9/12/2019 9:26:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.3	0.0	45.2	
88	16.9	0.0	34.8	





#35

Dibromofluoromethane

Concen: 48.519 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 73992

Ion Ratio Lower Upper

113 100

111 105.7 83.0 124.6

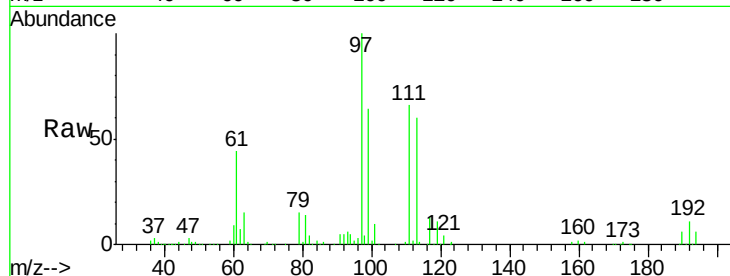
192 17.8 14.3 21.5

Manual Integrations

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MMDadoda

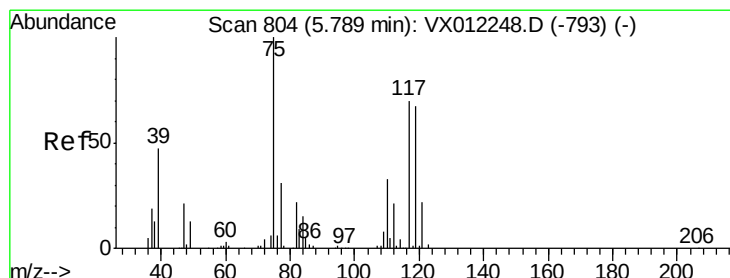
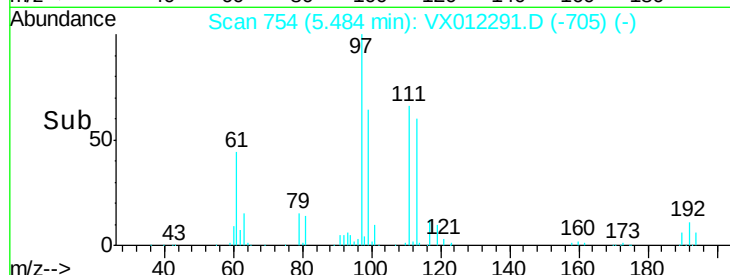
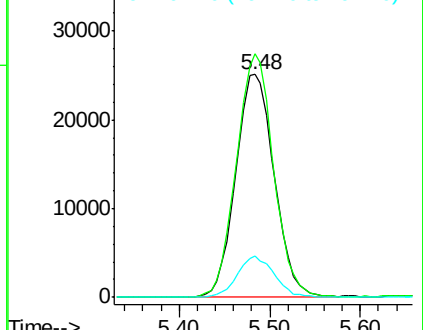
9/12/2019 9:26:21 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.888 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

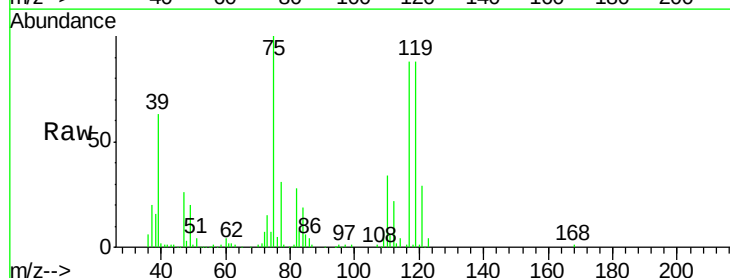
Tgt Ion: 75 Resp: 93477

Ion Ratio Lower Upper

75 100

110 35.0 16.8 50.4

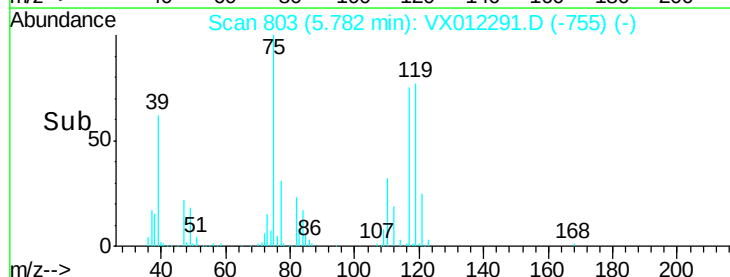
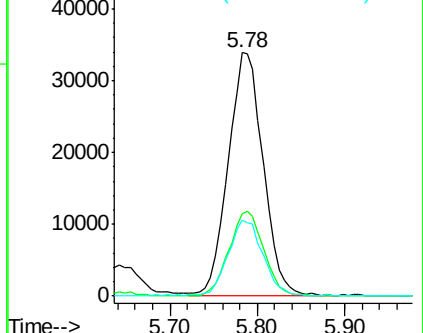
77 31.0 24.5 36.7

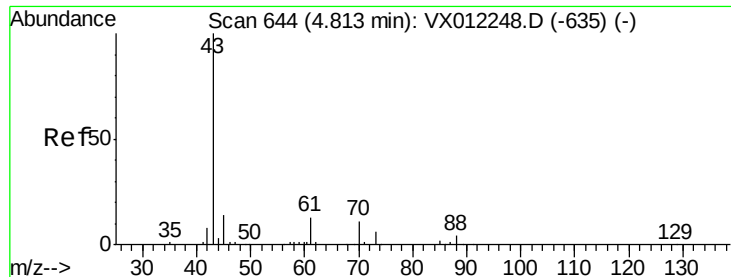


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





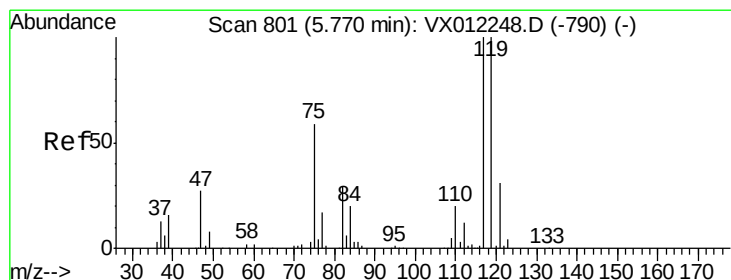
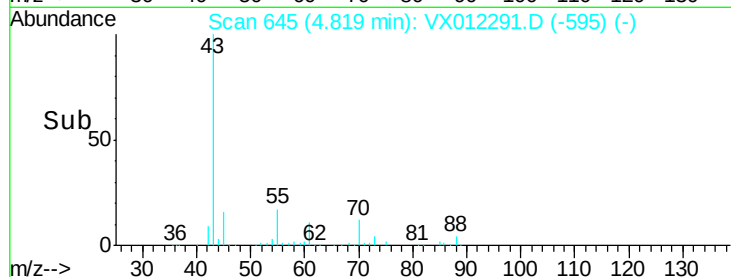
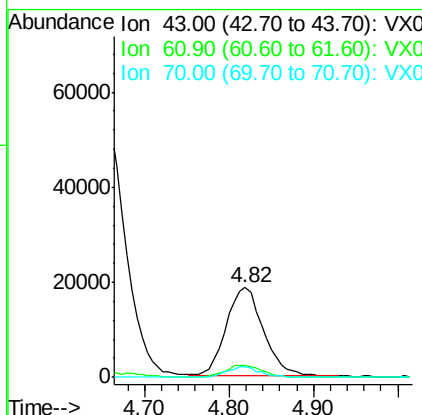
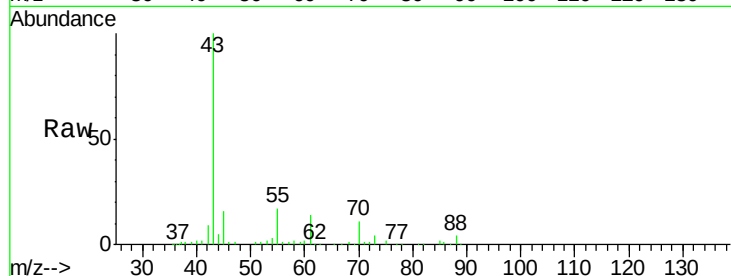
#37
Ethyl Acetate
Concen: 52.081 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.3	15.5
70	11.0	9.1	13.7

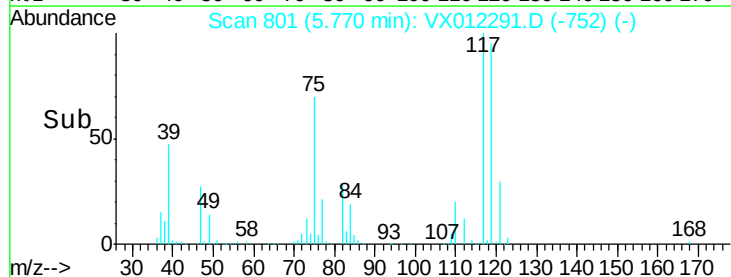
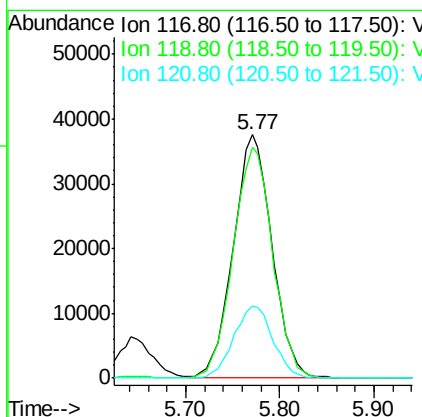
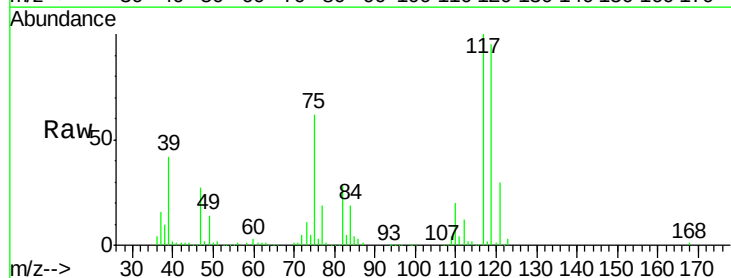
Manual Integrations
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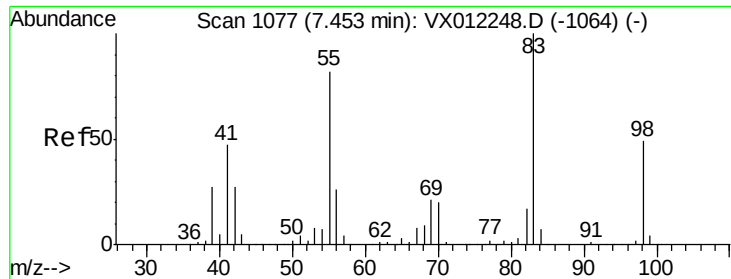
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#38
Carbon Tetrachloride
Concen: 52.933 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.6	119.4
121	29.9	24.7	37.1





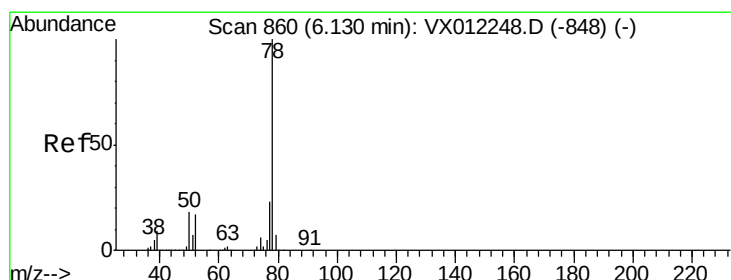
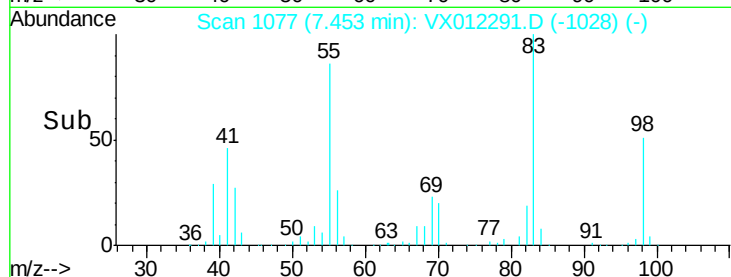
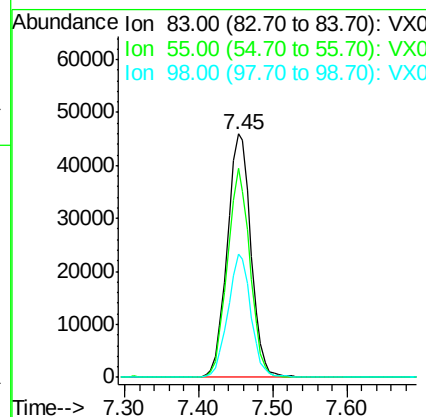
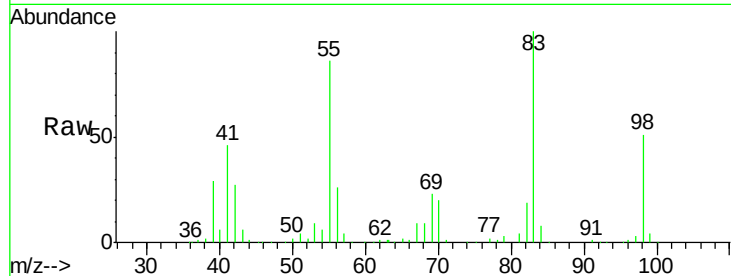
#39
Methylvlcyclohexane
Concen: 53.642 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	102117		
55	85.5	65.4	98.2	
98	50.7	39.6	59.4	

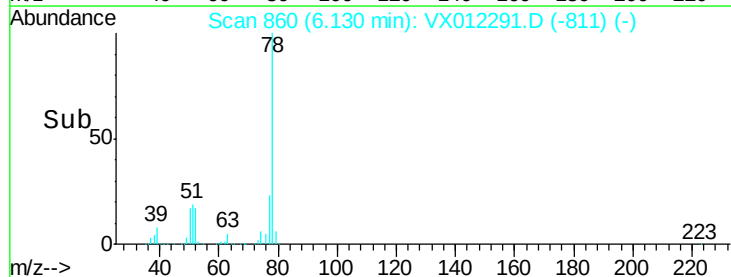
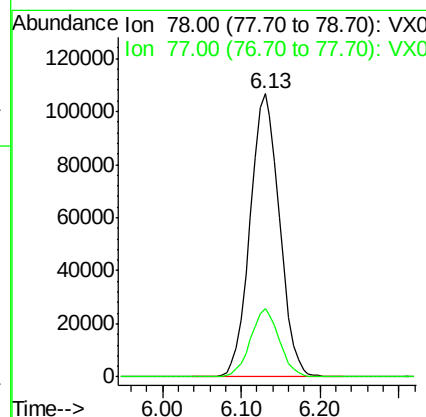
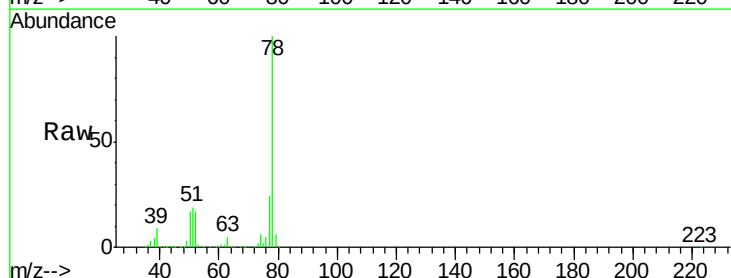
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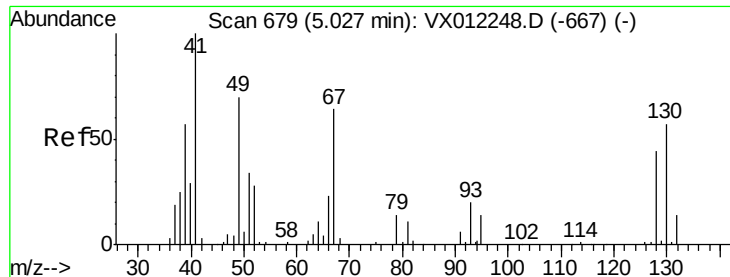
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#40
Benzene
Concen: 52.709 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	276725		
77	24.2	18.0	27.0	





#41

Methacrylonitrile

Concen: 54.200 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 35829

Ion Ratio Lower Upper

41 100

39 53.5 49.0 73.4

67 65.2 55.0 82.4

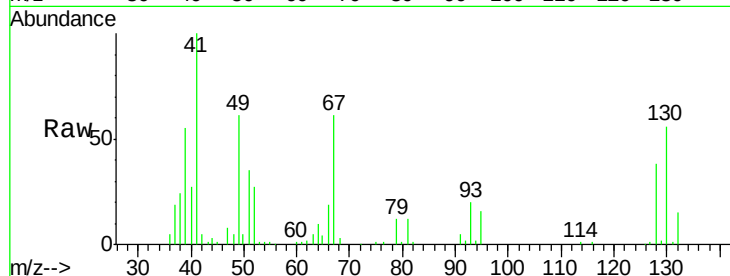
52 29.6 25.4 38.0

Manual Integrations

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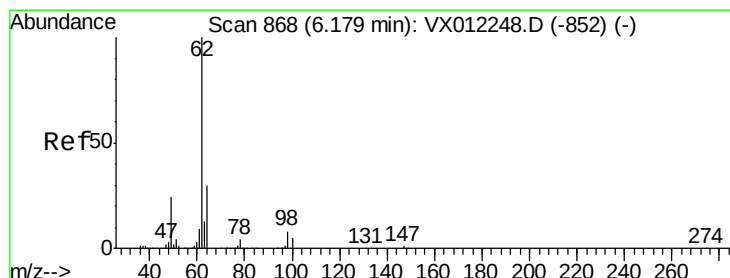
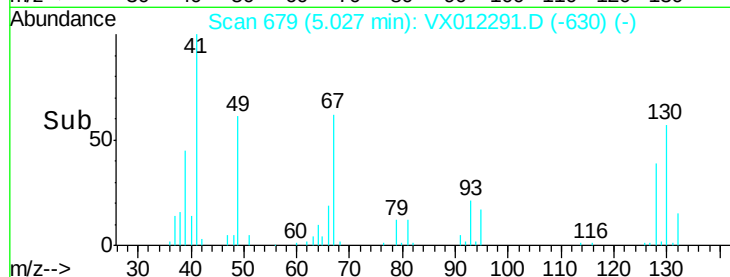
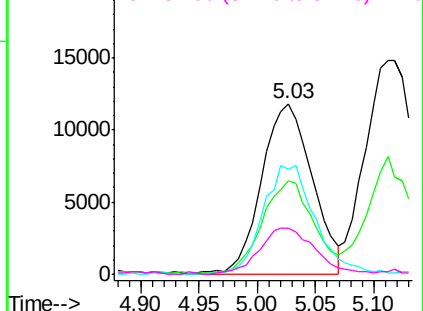


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.525 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012291.D

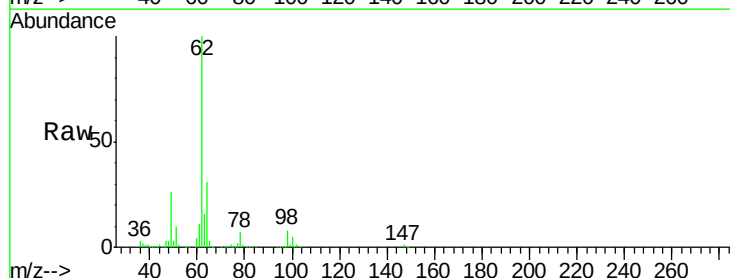
Acq: 11 Sep 2019 09:14

Tgt Ion: 62 Resp: 106914

Ion Ratio Lower Upper

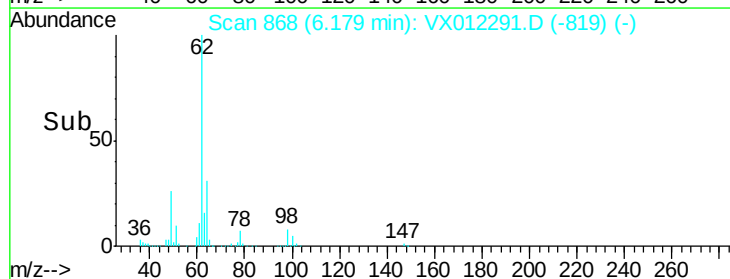
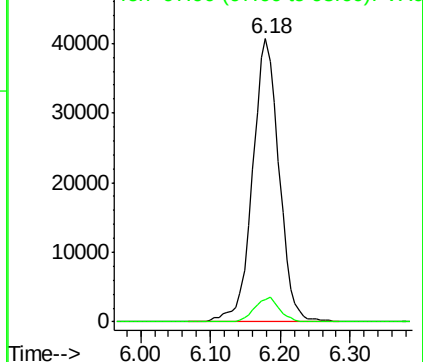
62 100

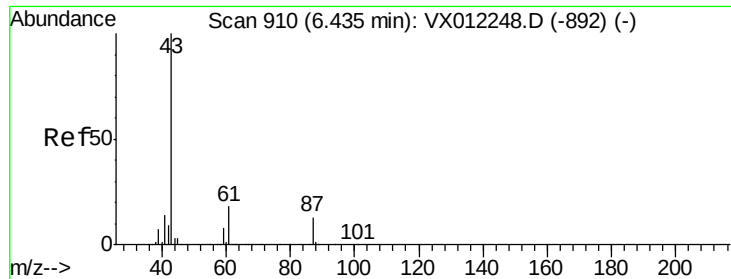
98 8.3 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

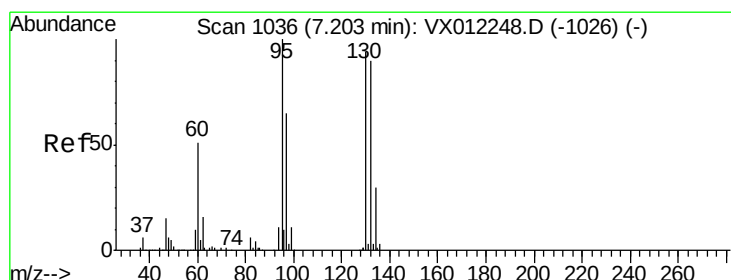
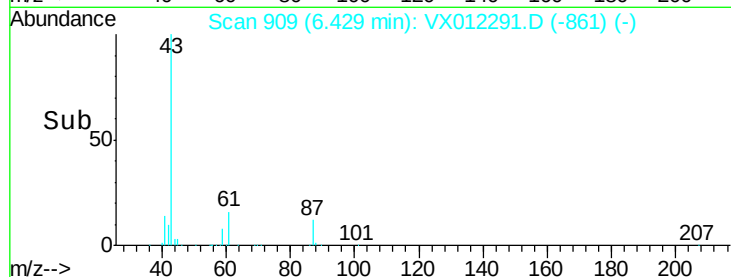
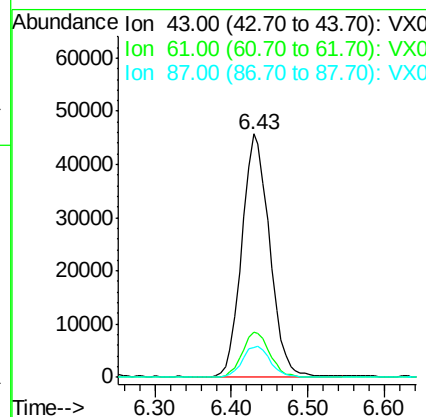
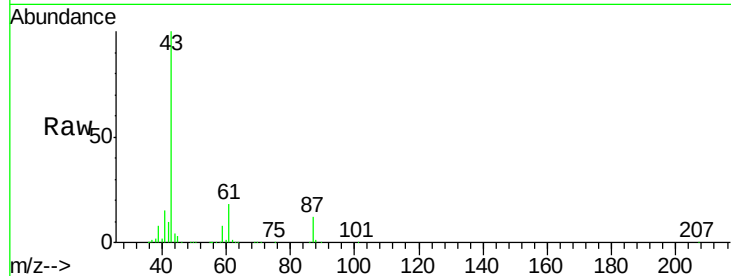
Isopropyl Acetate
 Concen: 50.623 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.2
87	12.8	10.5	15.7

Manual Integrations
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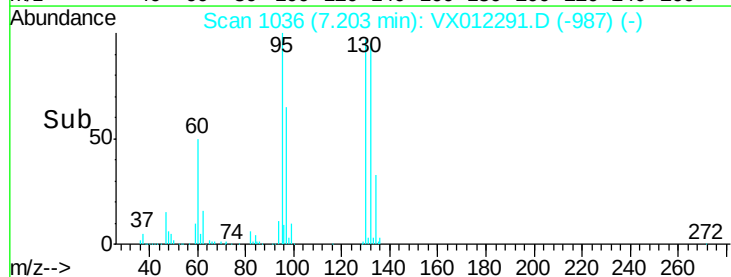
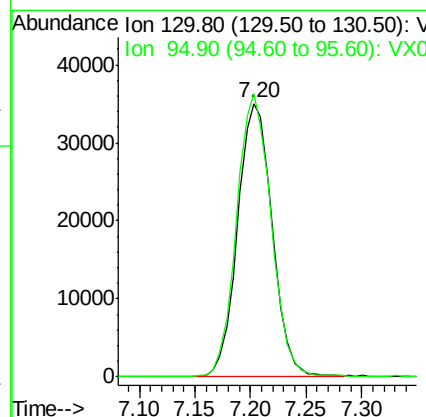
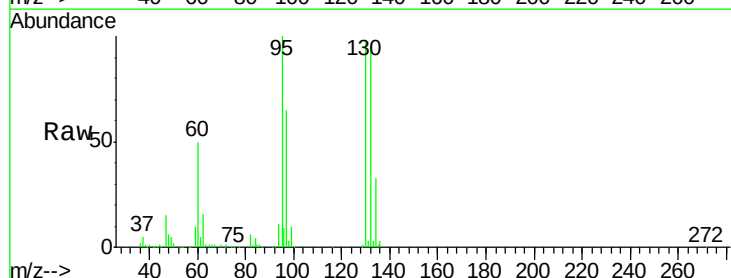
MMDadoda
 9/12/2019 9:26:21 AM

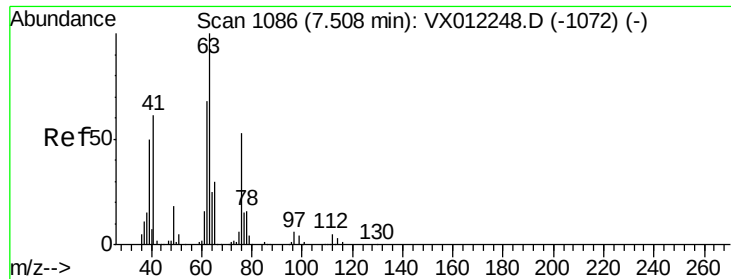


#44

Trichloroethene
 Concen: 53.098 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	212.0





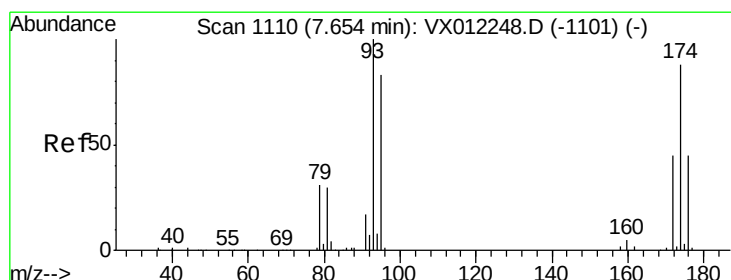
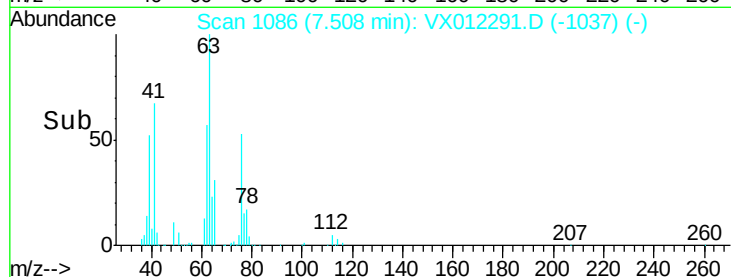
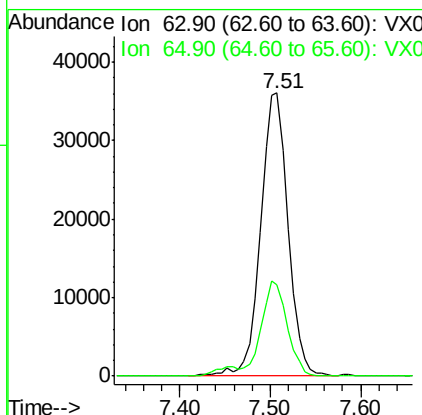
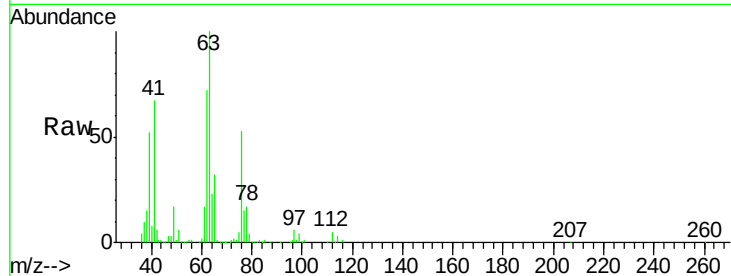
#45
 1,2-Dichloropropane
 Concen: 51.900 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.3	36.5

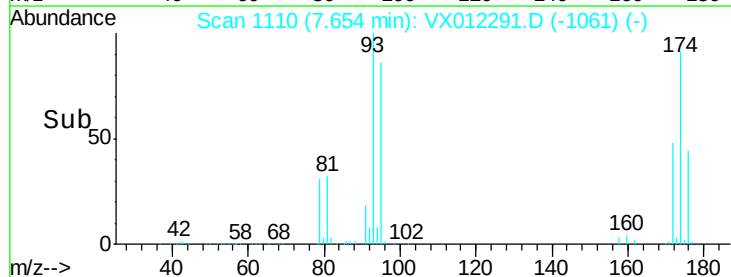
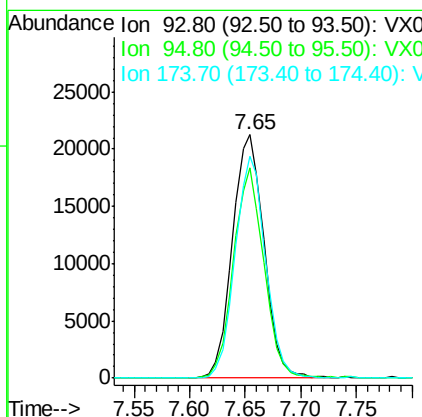
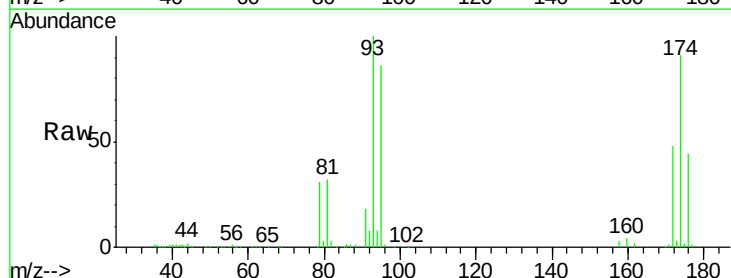
Manual Integrations
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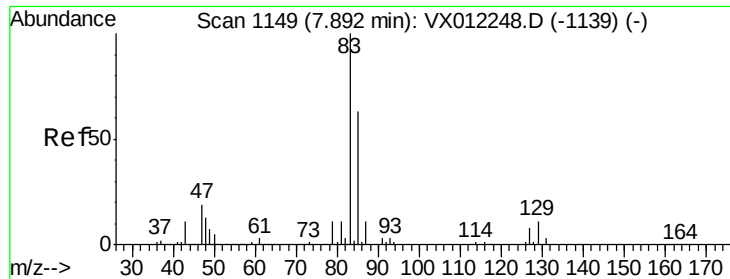
MMDadoda
 9/12/2019 9:26:21 AM



#46
 Dibromomethane
 Concen: 52.722 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.7	98.5
174	87.8	71.0	106.4





#47

Bromodichloromethane

Concen: 51.373 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

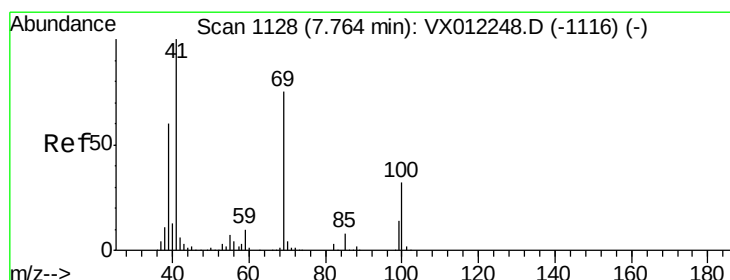
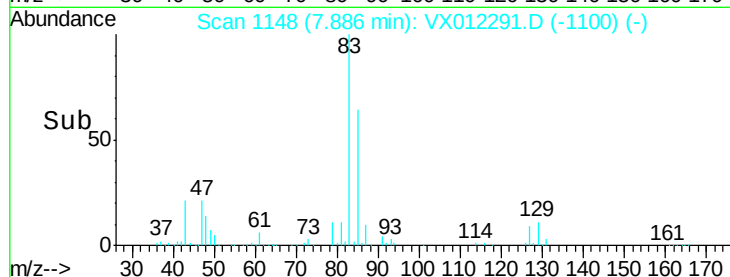
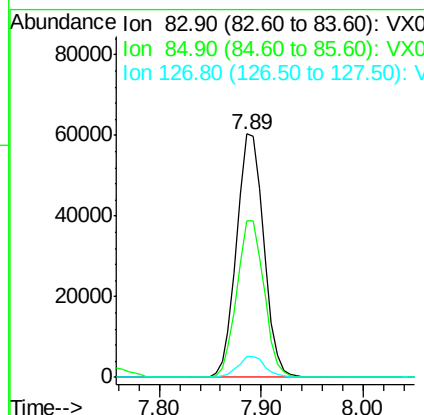
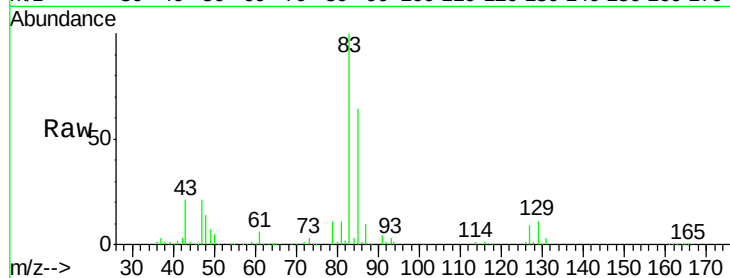
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	111348
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.2	75.4
127	8.8	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.110 ug/l

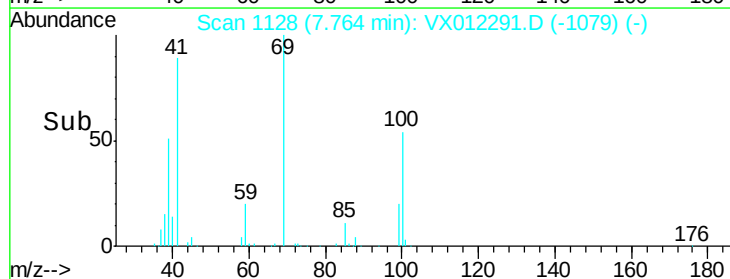
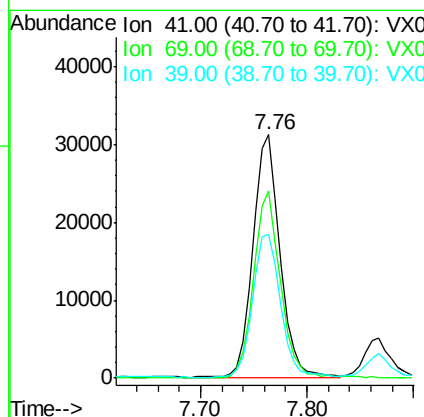
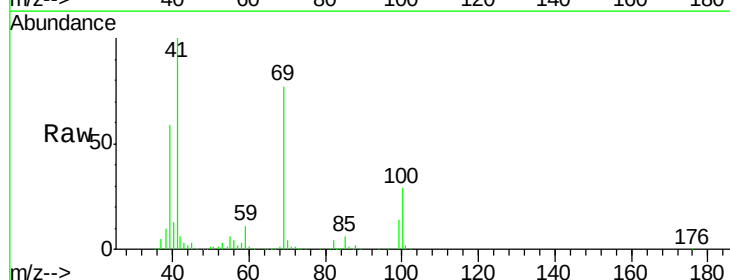
RT: 7.76 min Scan# 1128

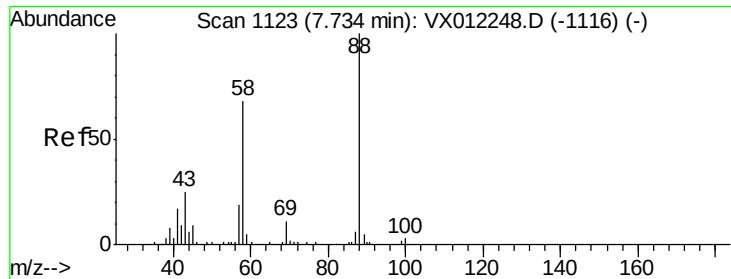
Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Tgt Ion:	41	Resp:	55307
Ion	Ratio	Lower	Upper
41	100		
69	76.8	61.8	92.6
39	61.3	48.6	73.0





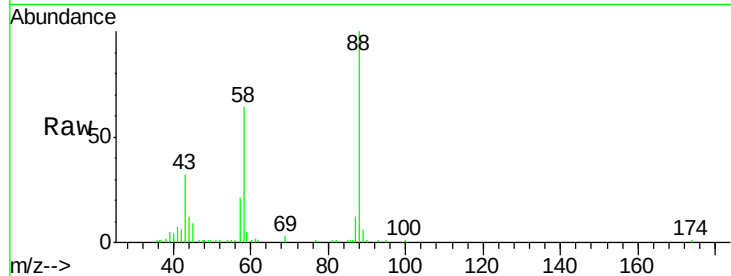
#49
1,4-Dioxane
Concen: 959.392 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.5	31.0	46.4
58	76.0	61.5	92.3

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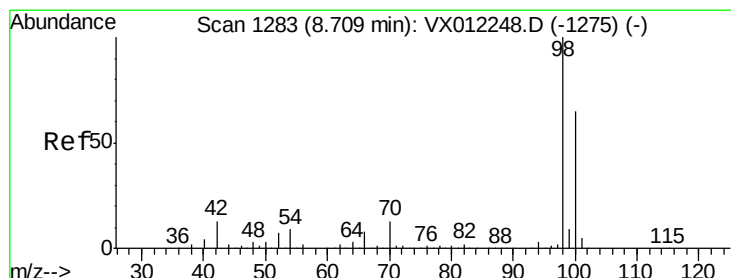
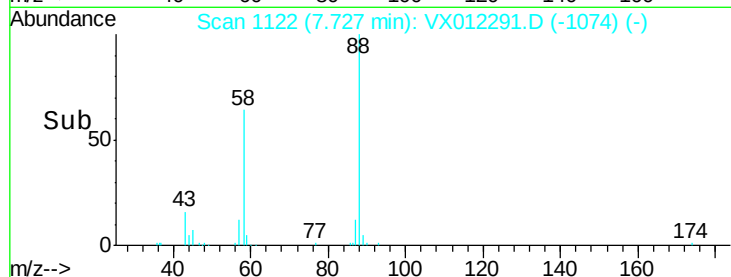
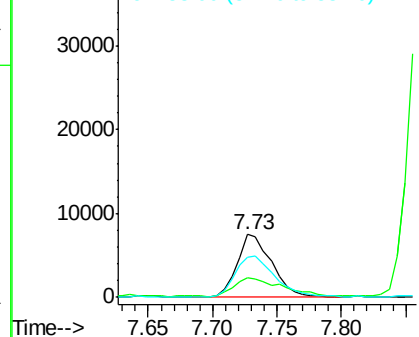


Abundance

Ion 88.00 (87.70 to 88.70): VX0

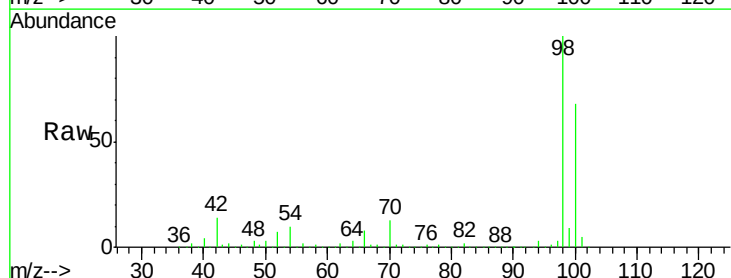
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 53.770 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

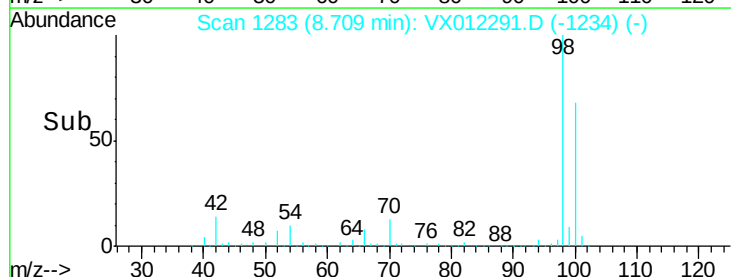
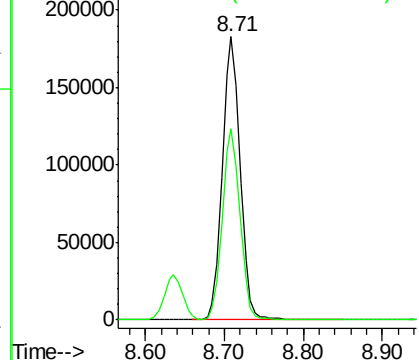
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	54.1	81.1

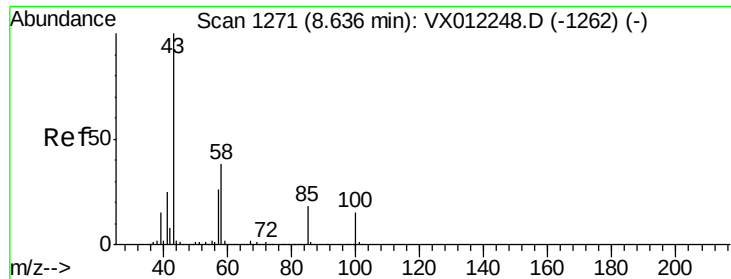


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 251.988 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 300664

Ion Ratio Lower Upper

43 100

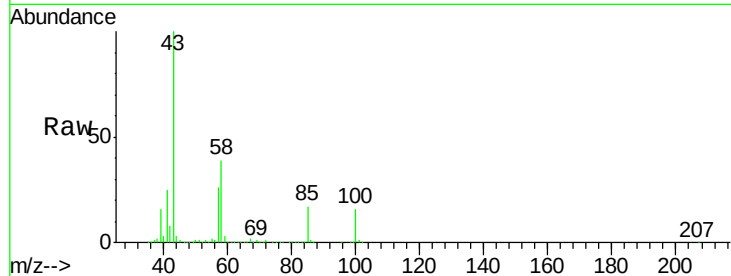
58 37.8 30.1 45.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200000

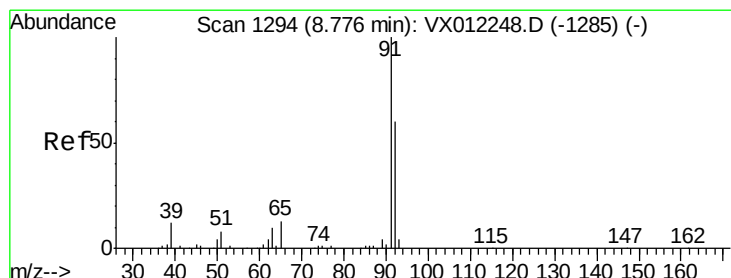
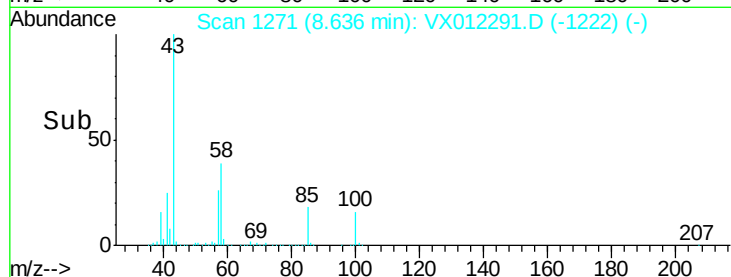
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 52.478 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012291.D

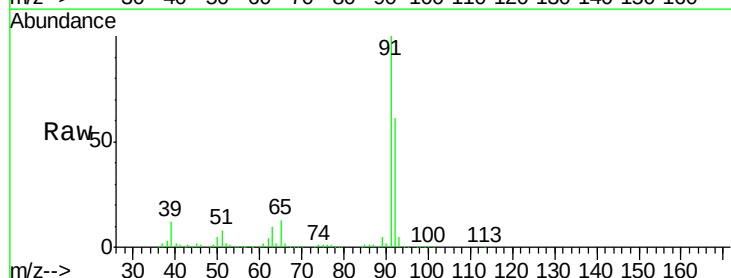
Acq: 11 Sep 2019 09:14

Tgt Ion: 92 Resp: 181982

Ion Ratio Lower Upper

92 100

91 169.7 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

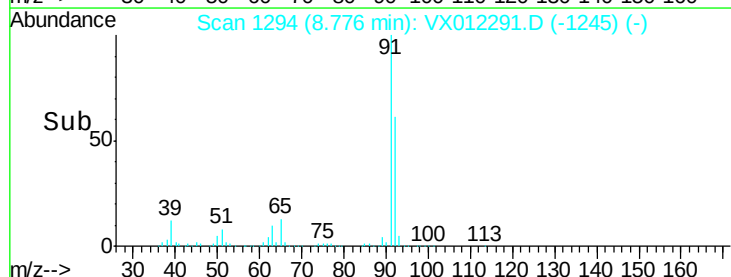
150000

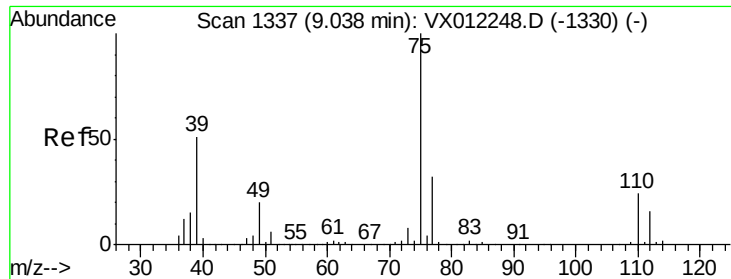
100000

50000

0

Time-->





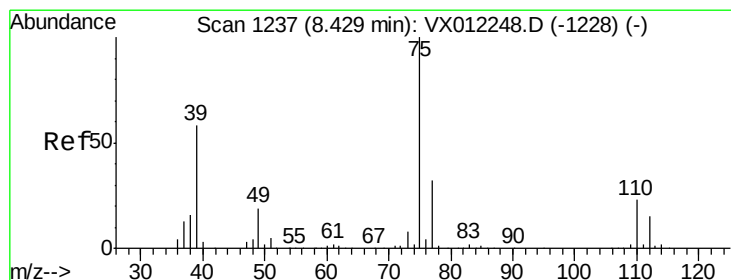
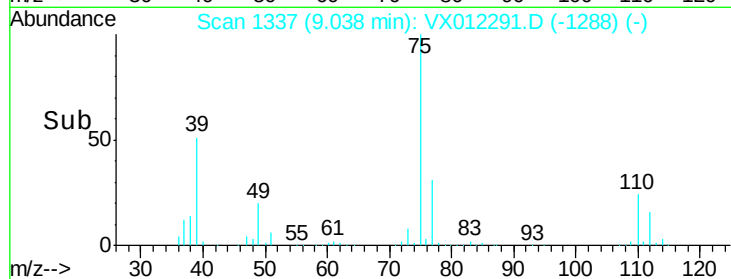
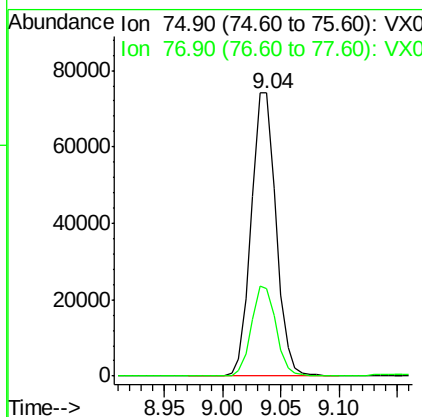
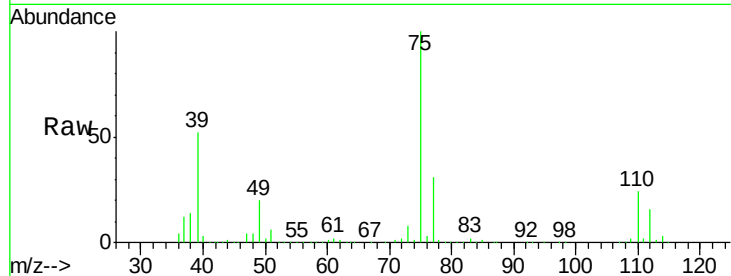
#53
 t-1,3-Dichloropropene
 Concen: 51.291 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 110959
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.6

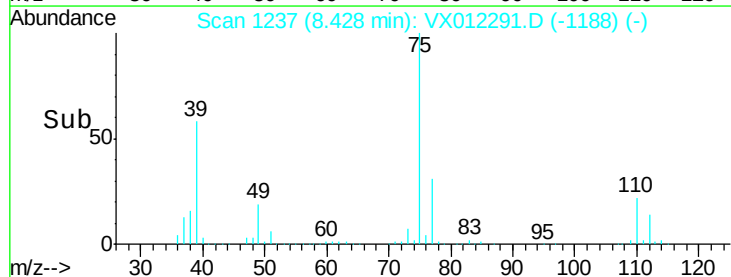
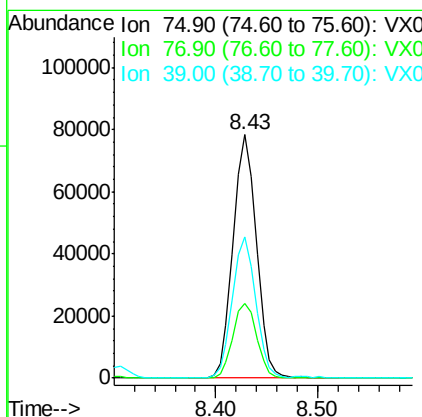
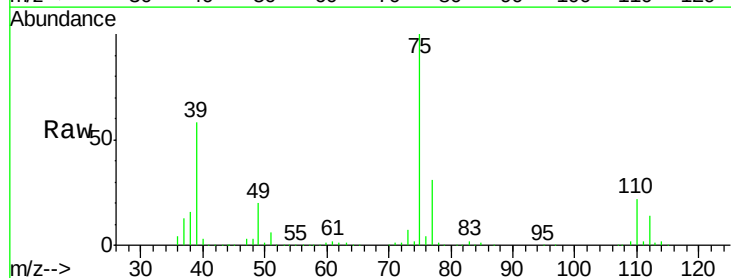
Manual Integrations
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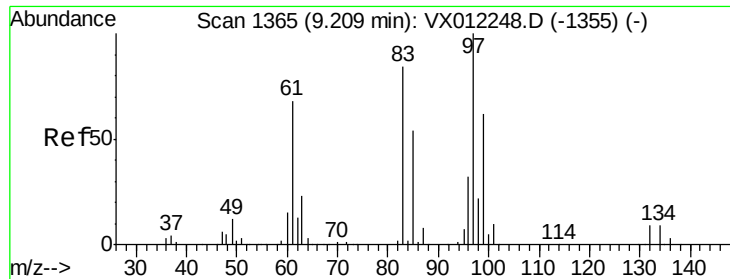
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 51.814 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion: 75 Resp: 124294
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2
 39 58.0 46.5 69.7





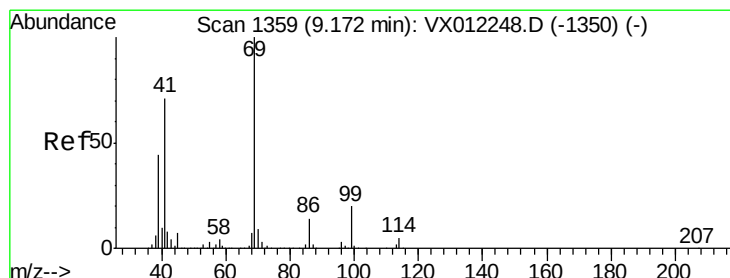
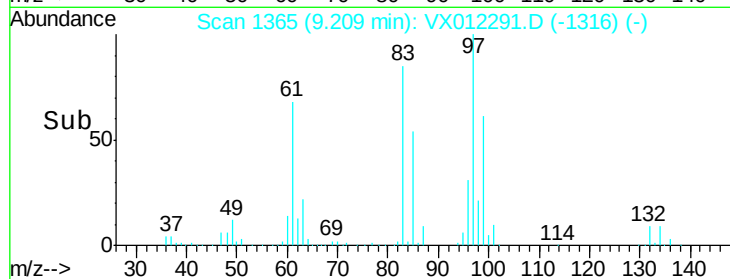
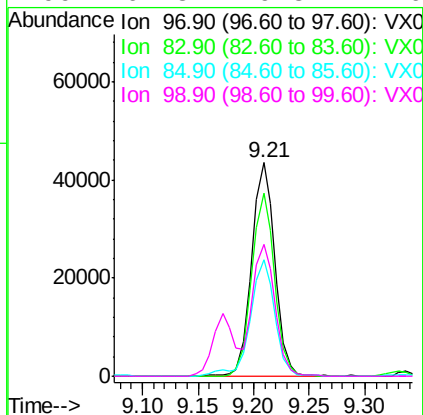
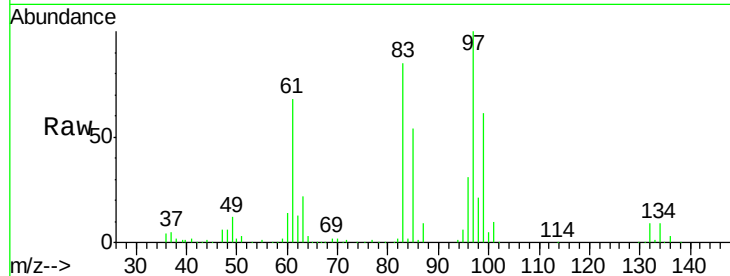
#55
 1,1,2-Trichloroethane
 Concen: 51.515 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	63388
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.4	101.2
85	54.4	43.4	65.2
99	61.3	49.8	74.6

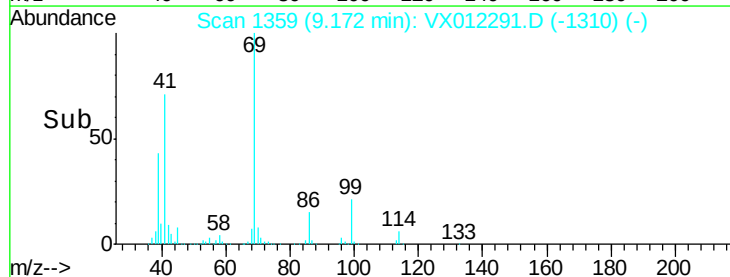
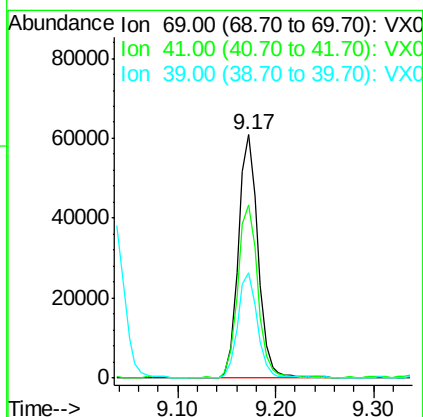
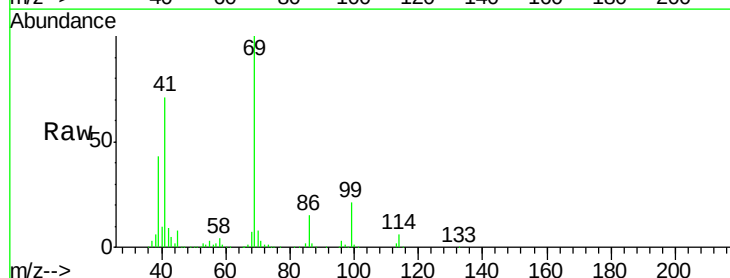
Manual Integrations
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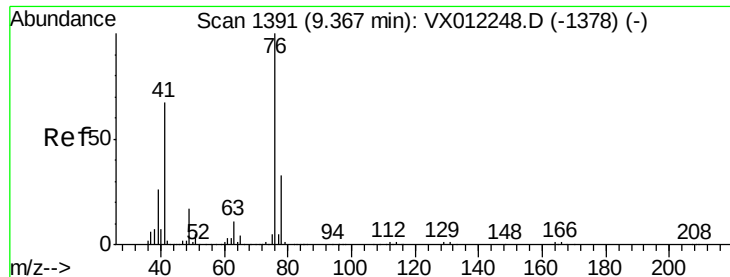
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#56
 Ethyl methacrylate
 Concen: 51.188 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion:	69	Resp:	85280
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.7	86.5
39	42.3	34.0	51.0





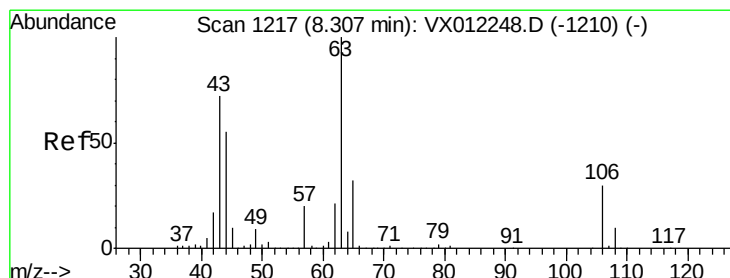
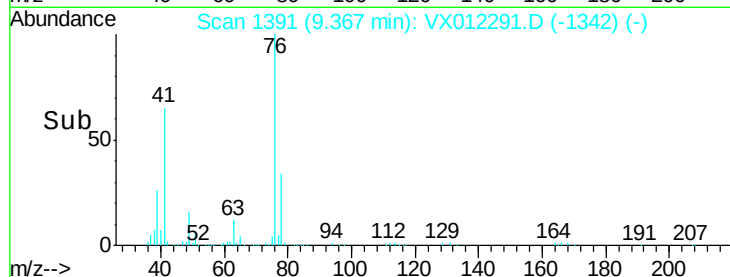
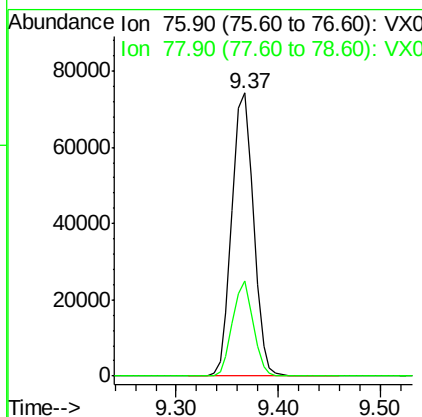
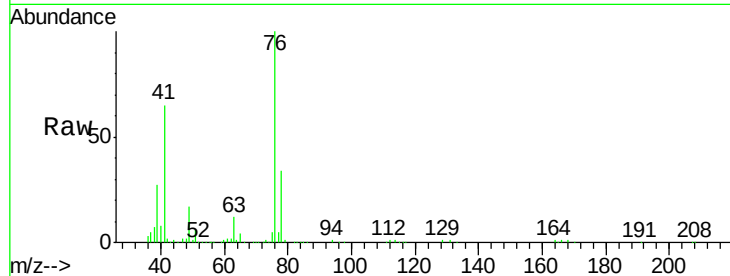
#57
 1,3-Dichloropropane
 Concen: 51.990 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

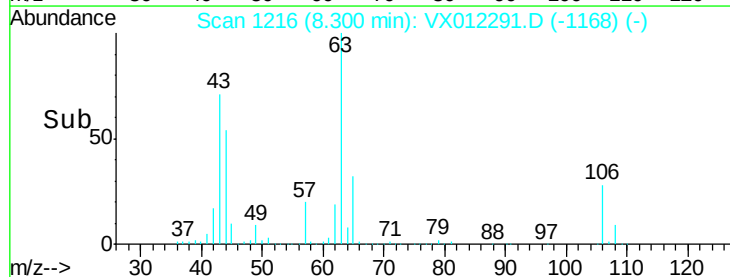
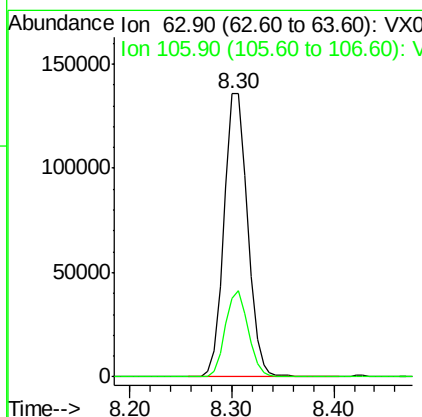
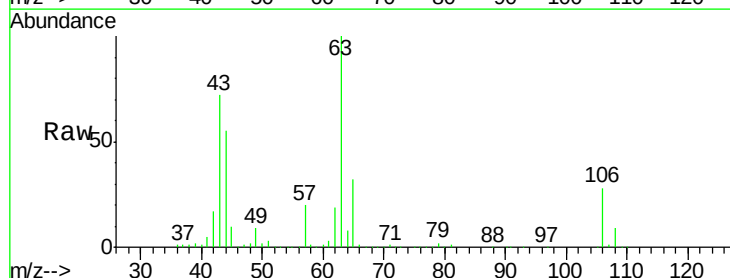
Manual Integrations
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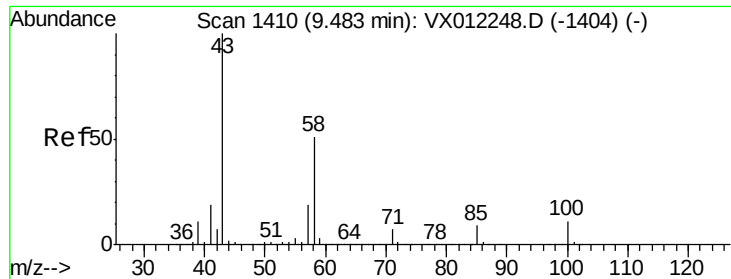
MMDadoda
 9/12/2019 9:26:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.883 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.4	35.2





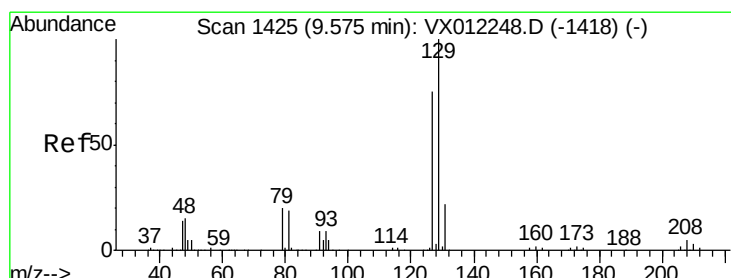
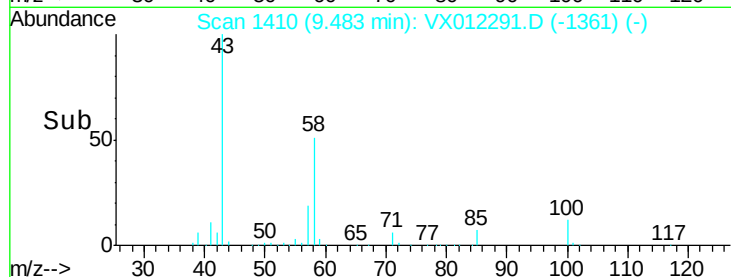
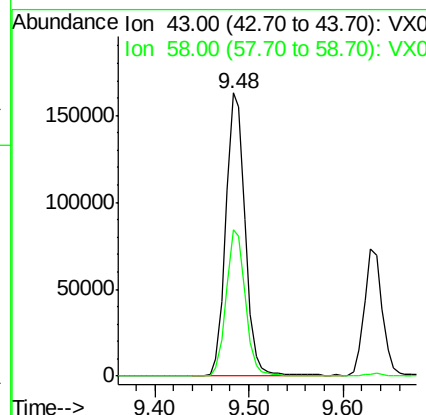
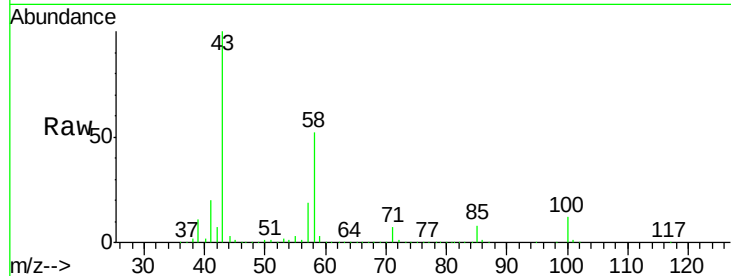
#59
2-Hexanone
Concen: 279.022 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 231481
Ion Ratio Lower Upper
43 100
58 51.2 25.8 77.3

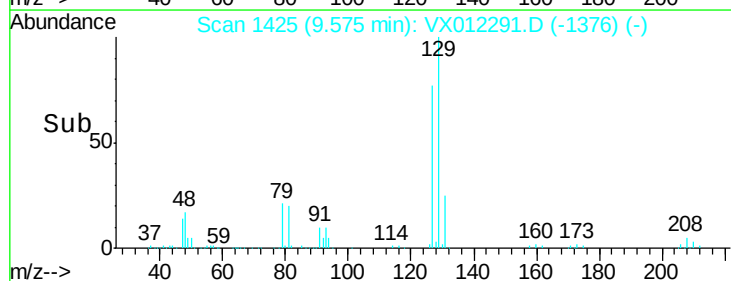
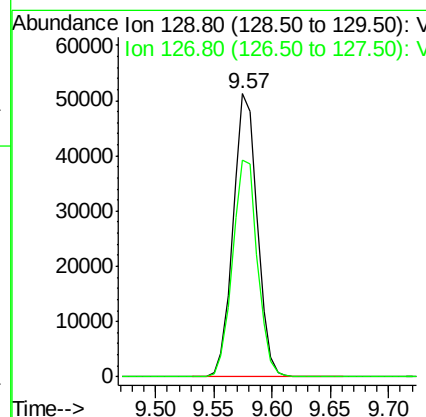
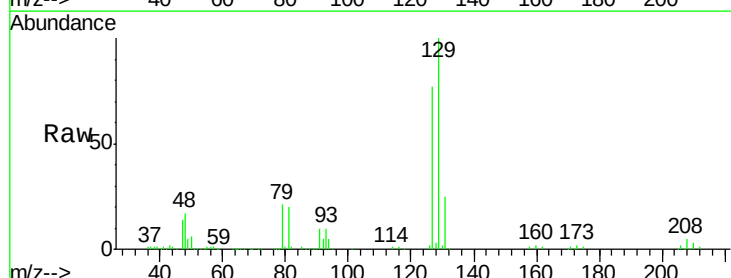
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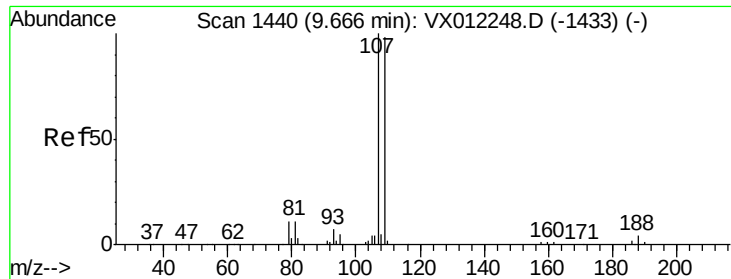
MMDadoda
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#60
Dibromochloromethane
Concen: 51.523 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion: 129 Resp: 74012
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 51.161 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 58599

Ion Ratio Lower Upper

107 100

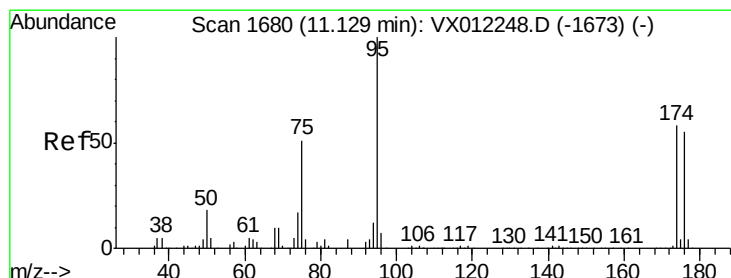
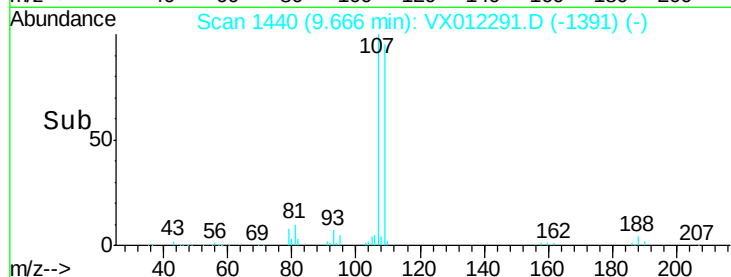
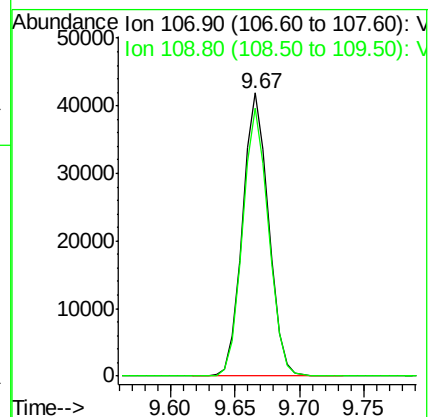
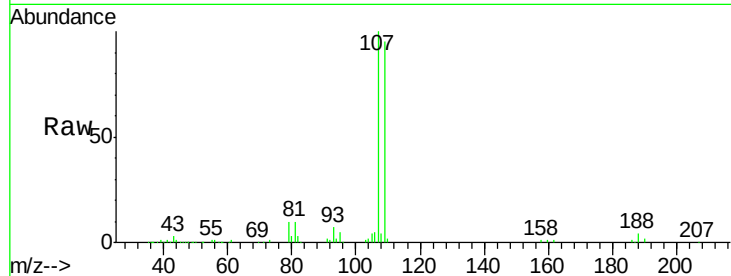
109 94.7 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 48.171 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

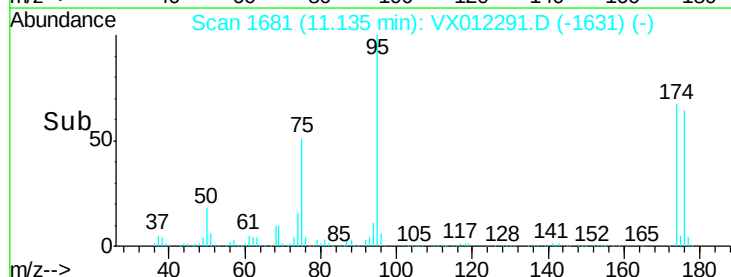
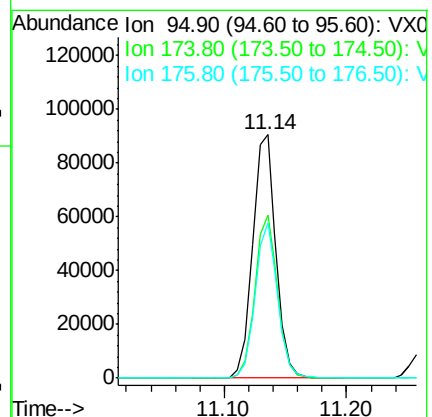
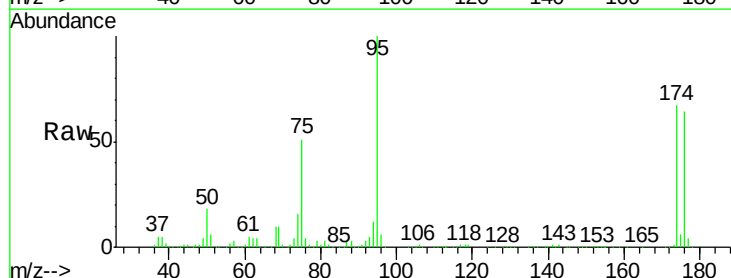
Tgt Ion: 95 Resp: 119450

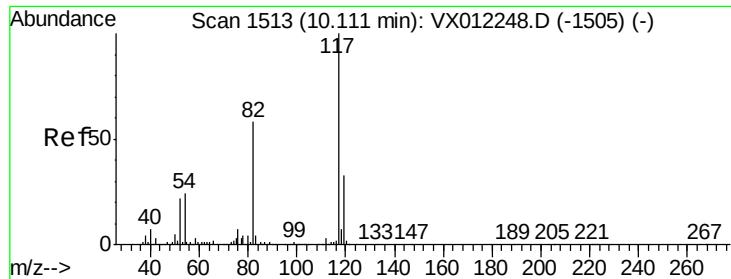
Ion Ratio Lower Upper

95 100

174 65.4 0.0 127.0

176 62.0 0.0 125.8





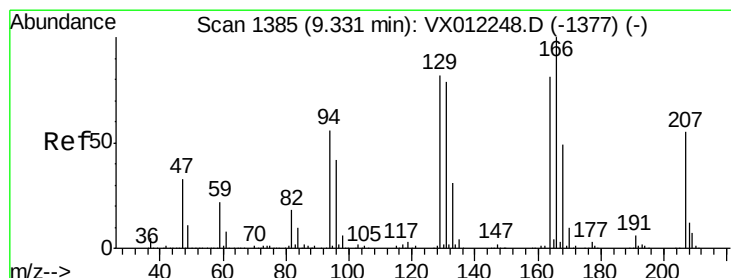
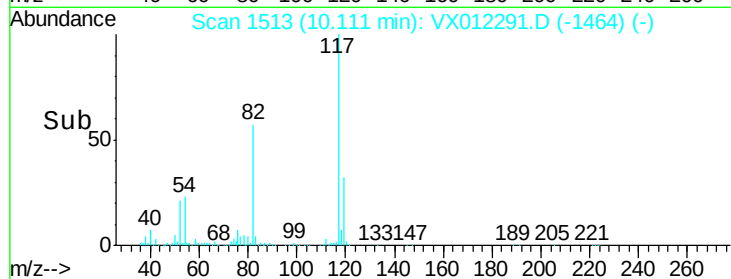
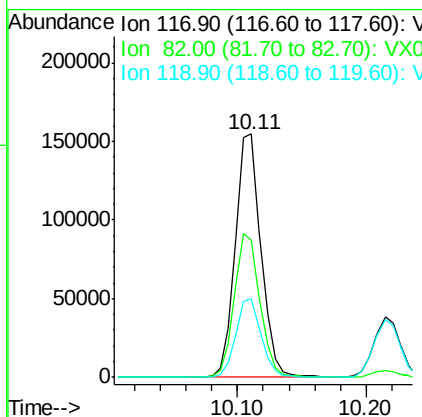
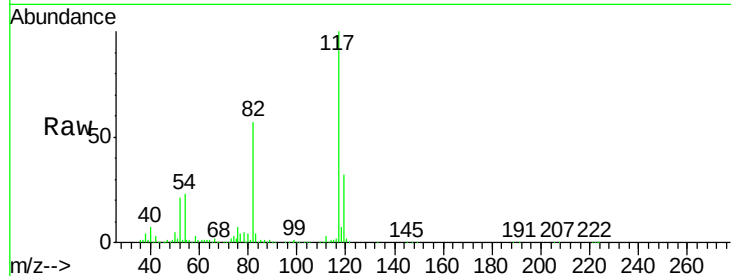
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	215500		
82	56.6	46.4	69.6	
119	32.2	26.6	39.8	

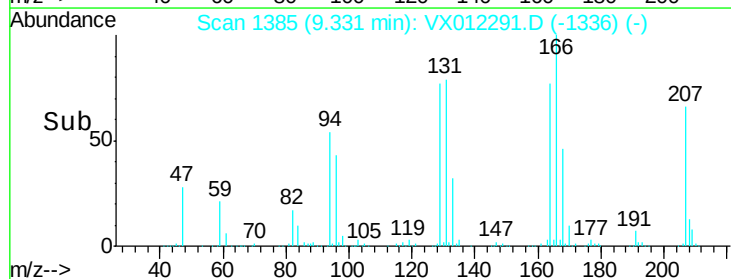
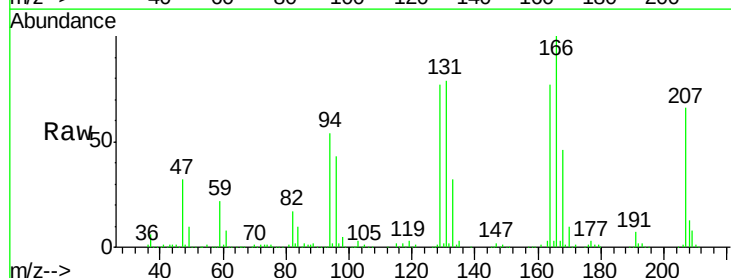
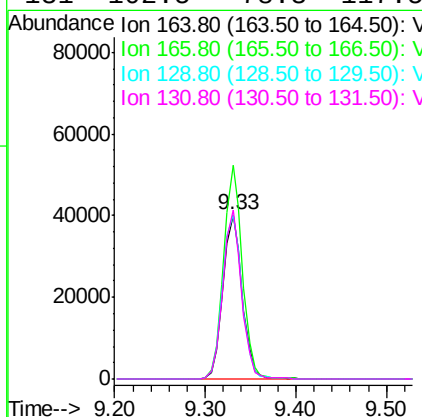
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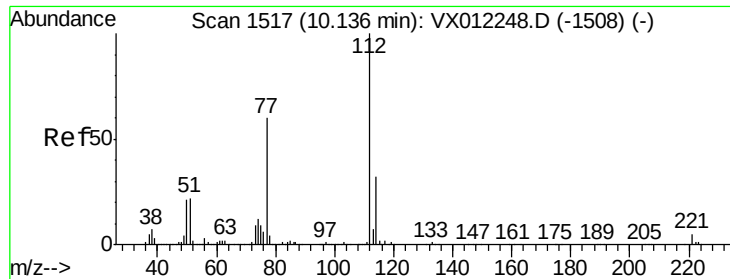
MMDadoda
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#64
Tetrachloroethene
Concen: 52.082 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	59358		
166	130.0	99.4	149.0	
129	100.1	81.8	122.8	
131	102.5	78.3	117.5	





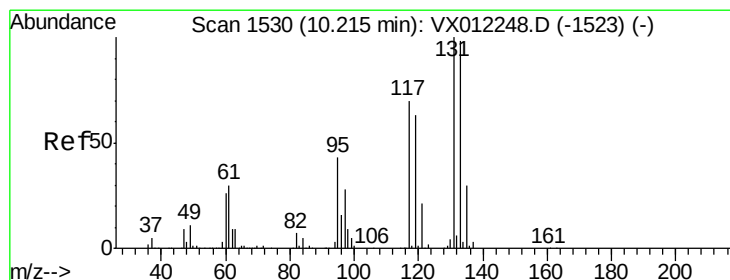
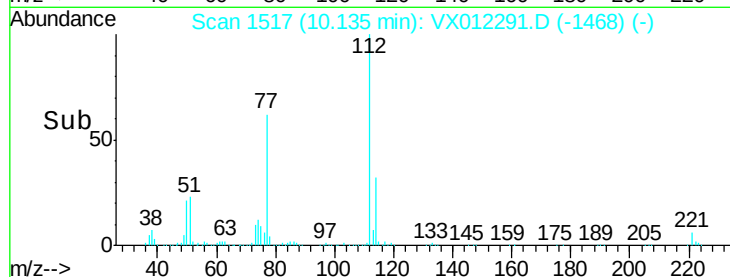
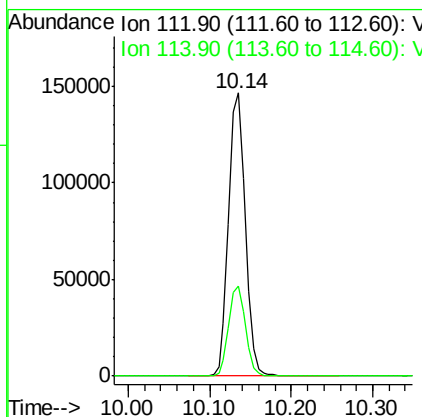
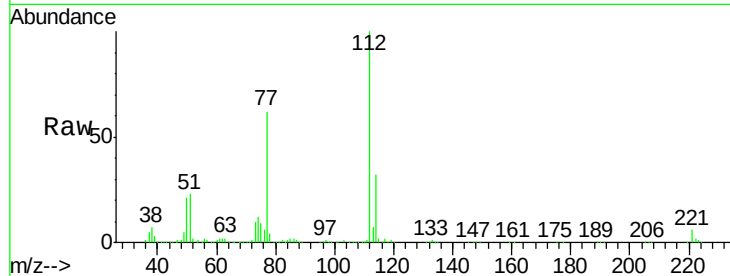
#65
Chlorobenzene
Concen: 52.530 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.0

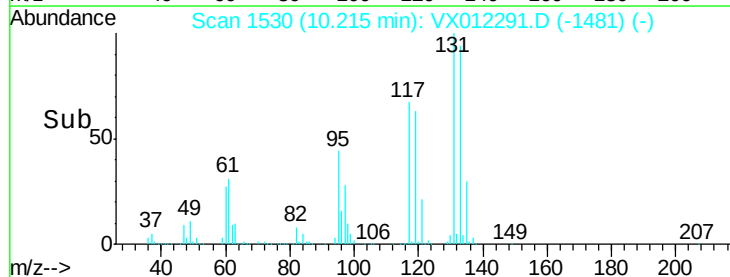
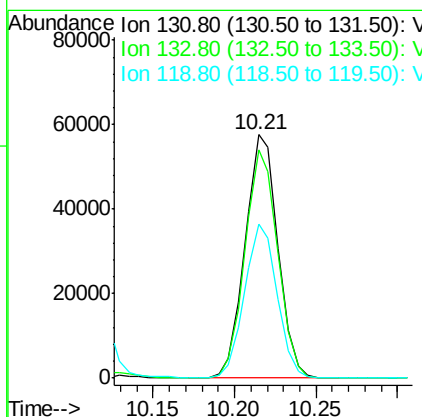
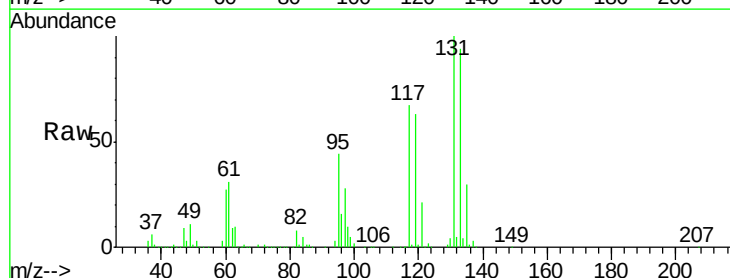
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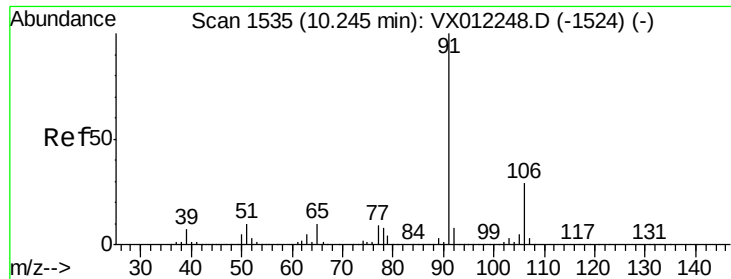
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.677 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.3	48.0	144.2
119	62.8	31.6	95.0





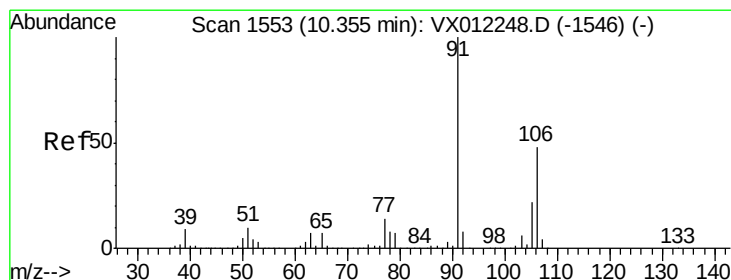
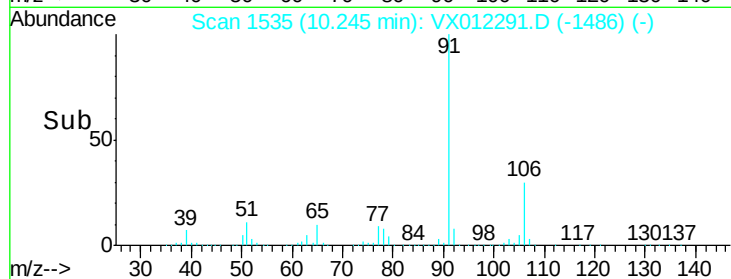
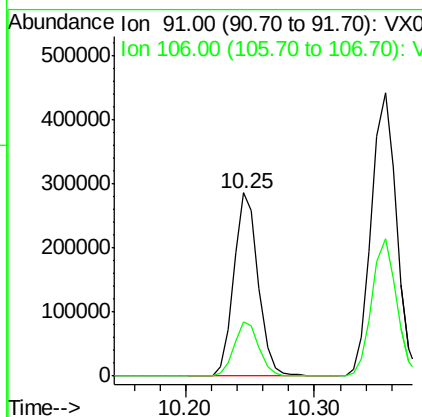
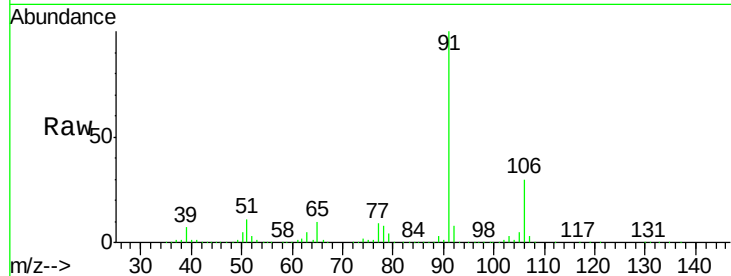
#67
Ethyl Benzene
Concen: 54.016 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 378287
Ion Ratio Lower Upper
91 100
106 29.9 23.1 34.7

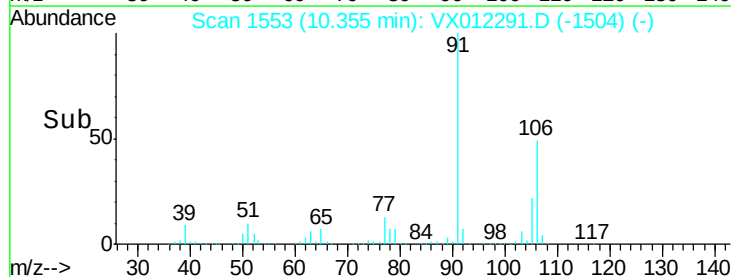
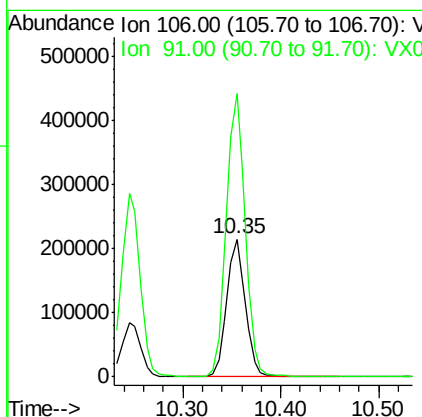
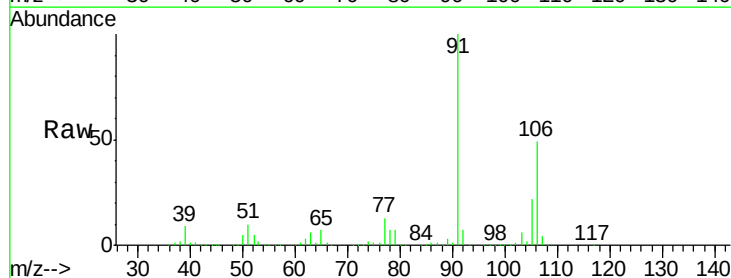
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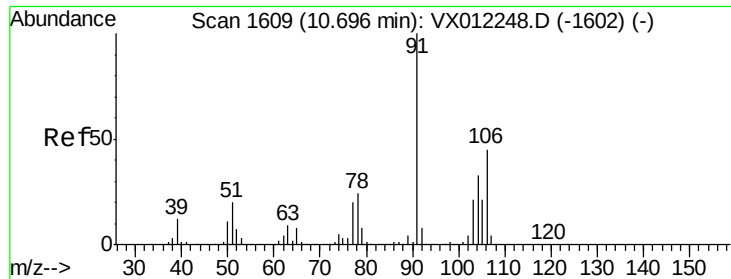
MMDadoda
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#68
m/p-Xylenes
Concen: 110.245 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion: 106 Resp: 284210
Ion Ratio Lower Upper
106 100
91 208.9 167.0 250.6





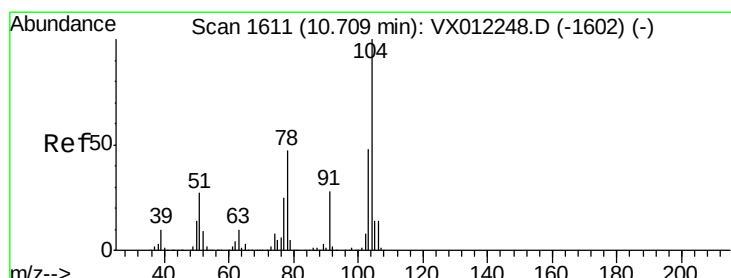
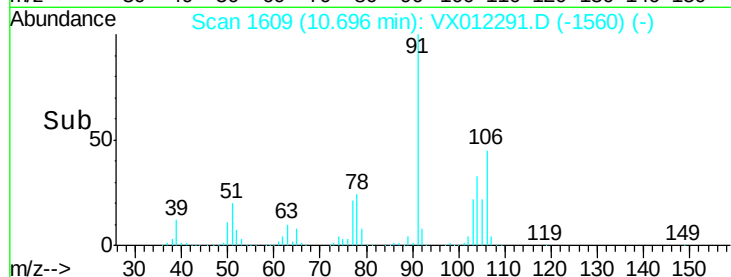
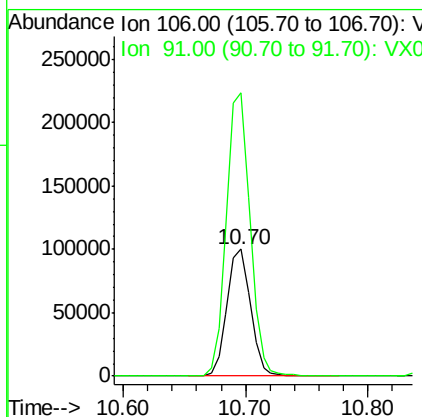
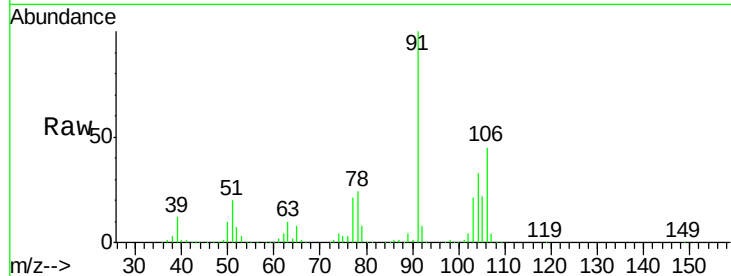
#69
o-Xylene
Concen: 52.915 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	224.0	110.5	133633	331.4	

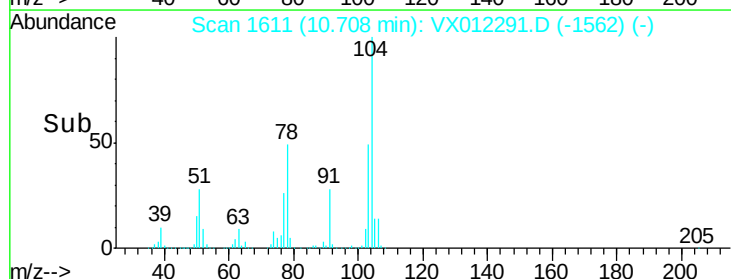
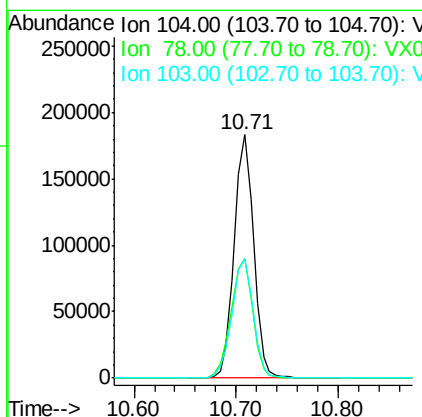
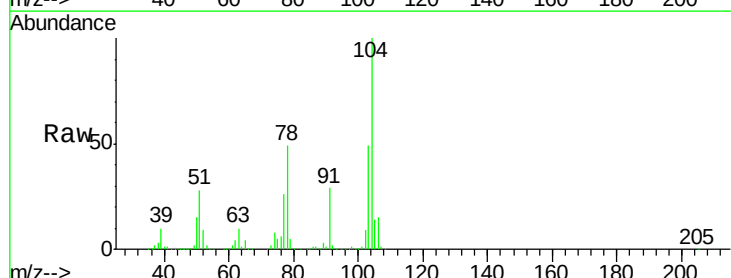
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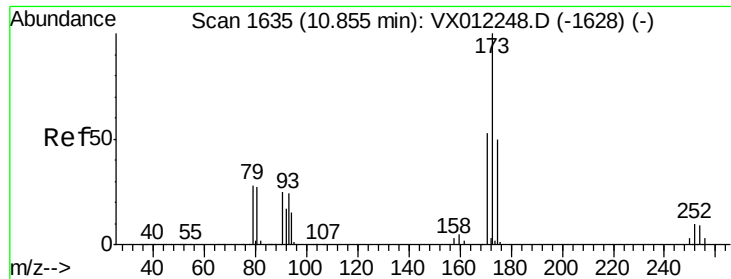
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#70
Styrene
Concen: 53.733 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	55.2	44.2	240662	66.2	
103	53.9	42.5		63.7	





#71

Bromoform

Concen: 51.209 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

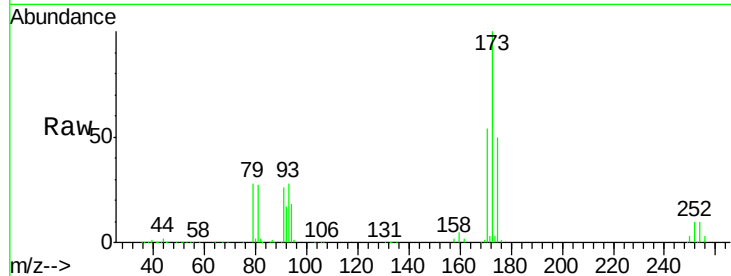
ClientSampleId :

VSTDCCC050

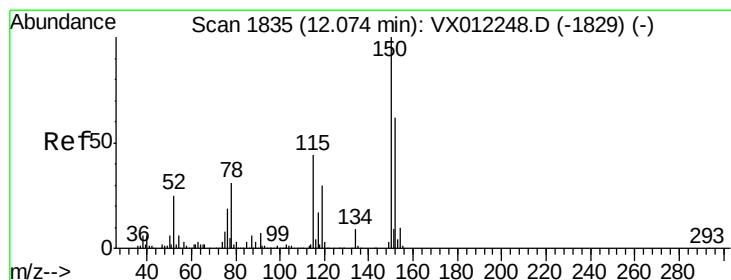
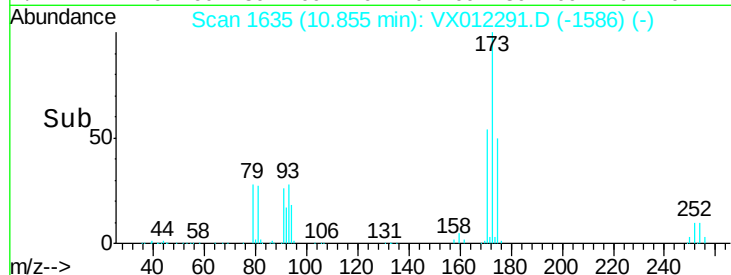
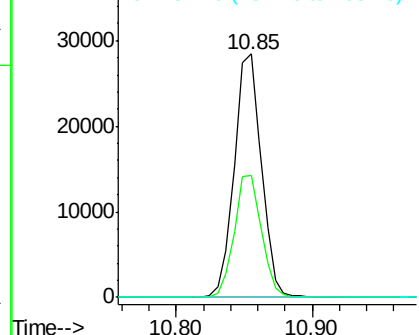
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.5	73.5
254	0.0	0.2	0.4

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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

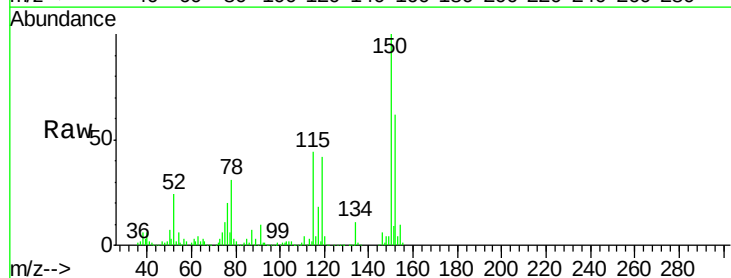
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

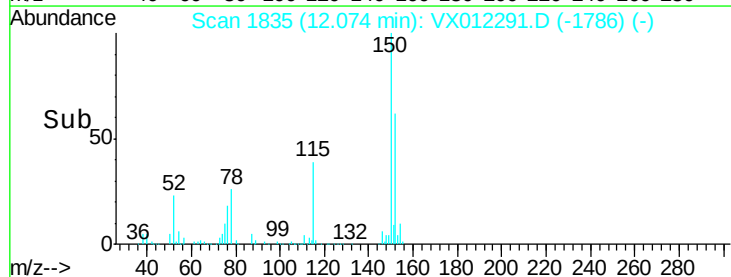
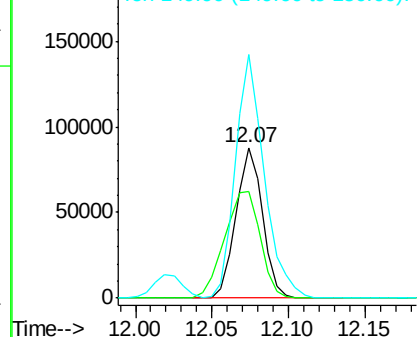
Lab File: VX012291.D

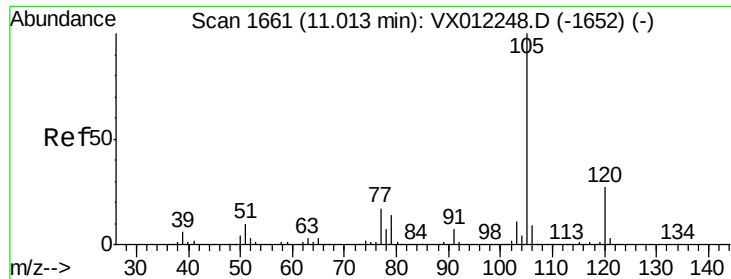
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	95.3	45.5	136.4
150	176.0	0.0	346.4



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: 54.274 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 377120

Ion Ratio Lower Upper

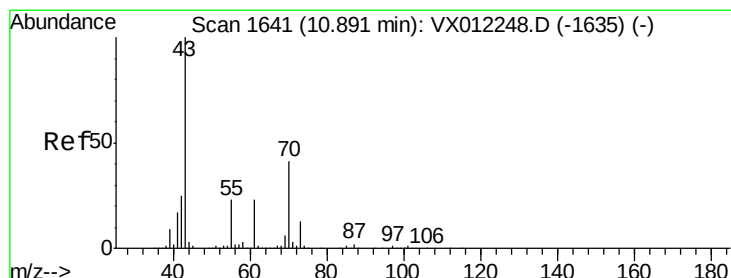
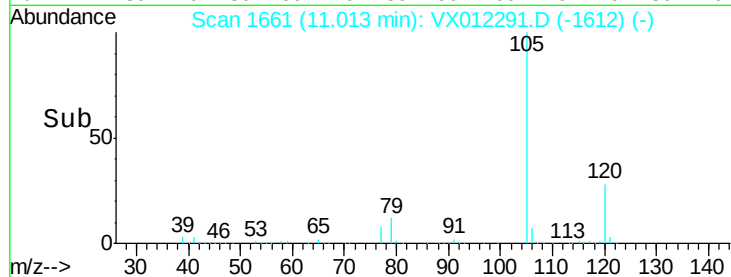
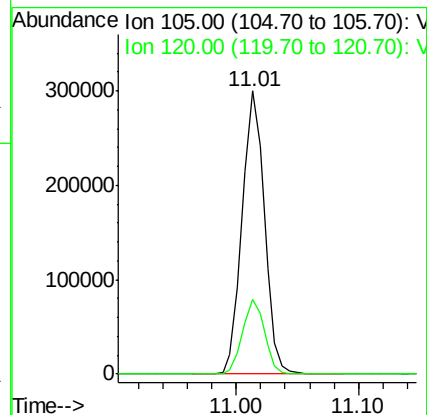
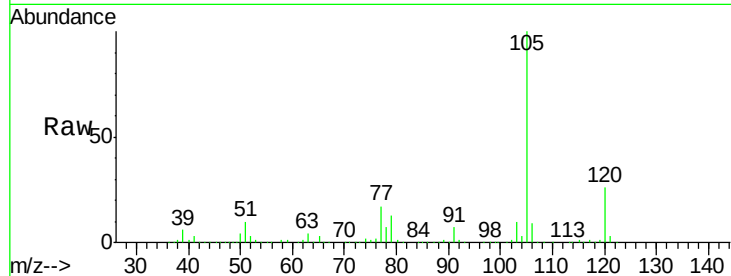
105 100

120 26.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 51.957 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Tgt Ion: 43 Resp: 107343

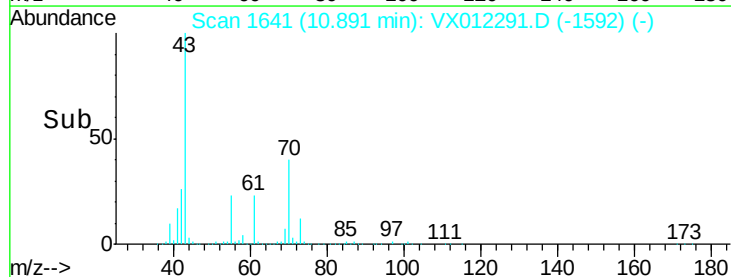
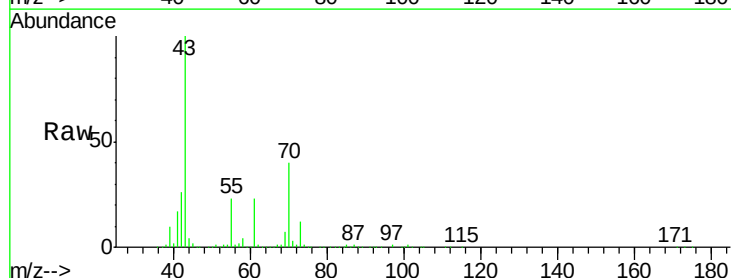
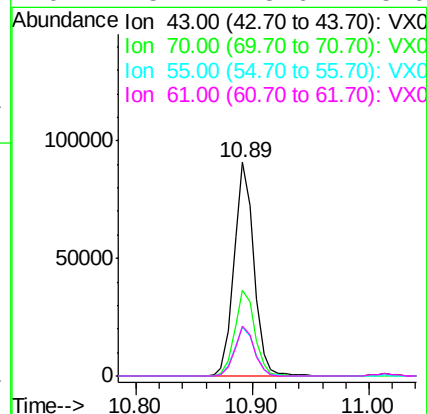
Ion Ratio Lower Upper

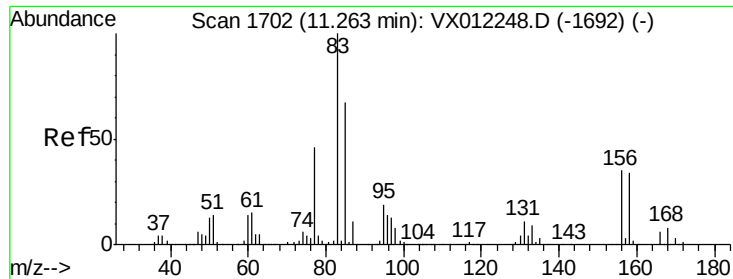
43 100

70 40.7 32.9 49.3

55 23.9 19.1 28.7

61 23.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.502 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

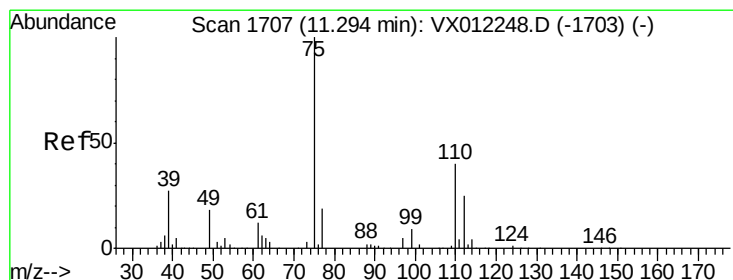
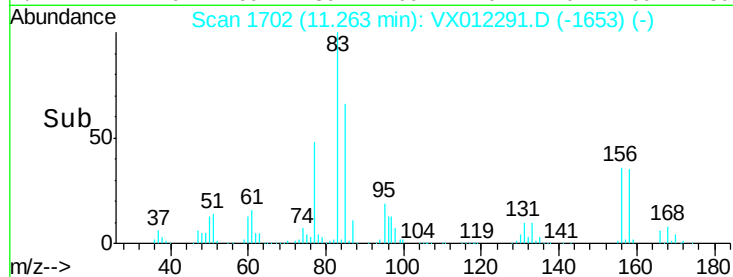
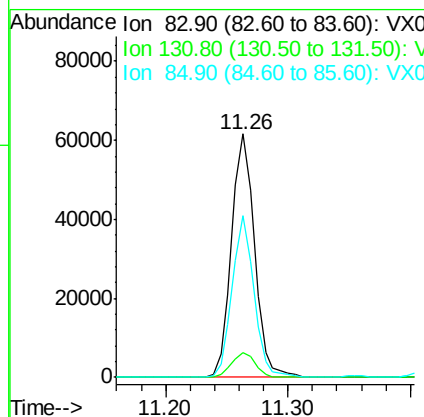
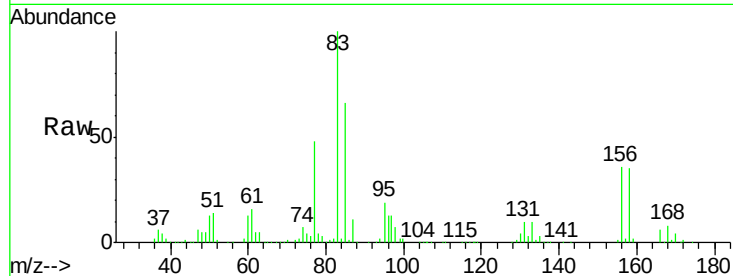
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	79840
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.5	16.4
85	63.2	32.8	98.4

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#76

1,2,3-Trichloropropane

Concen: 51.498 ug/l m

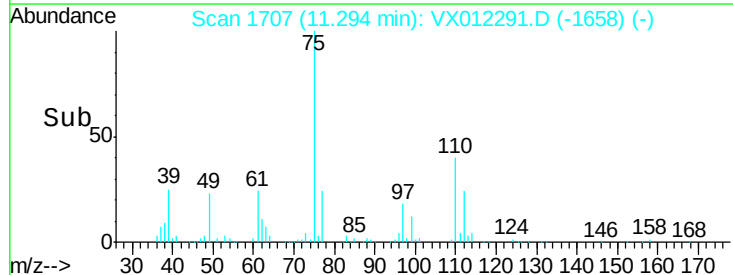
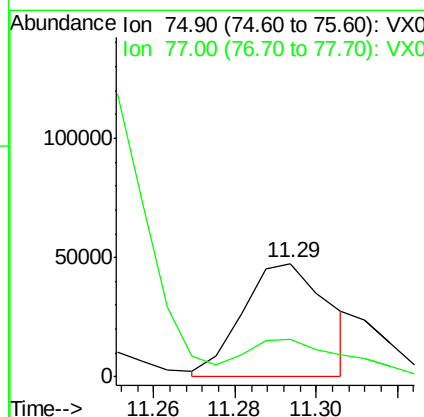
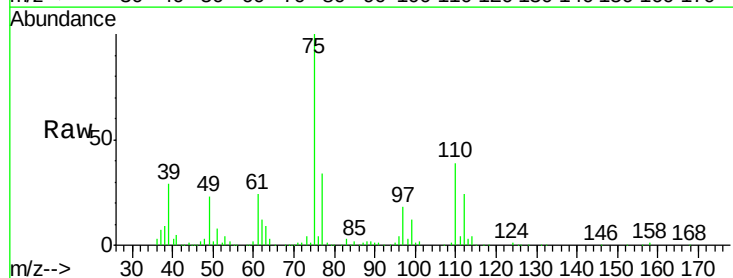
RT: 11.29 min Scan# 1707

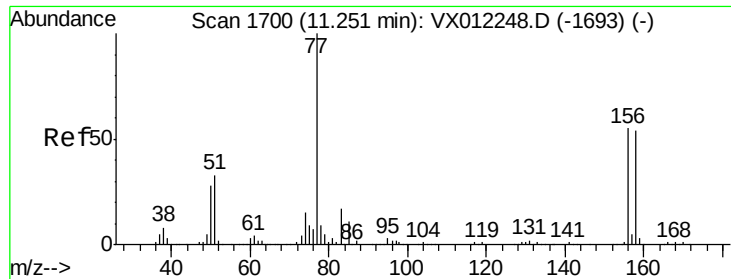
Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Tgt Ion:	75	Resp:	69826
Ion	Ratio	Lower	Upper
75	100		
77	39.3	19.7	59.0





#77

Bromobenzene

Concen: 53.908 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

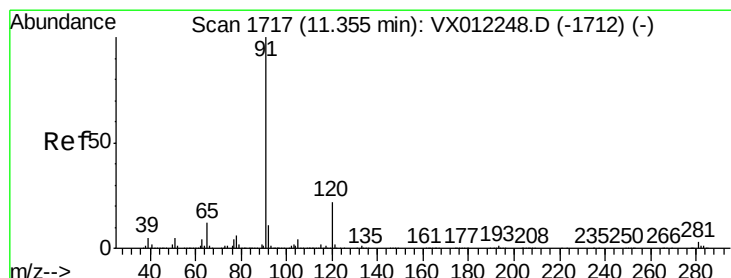
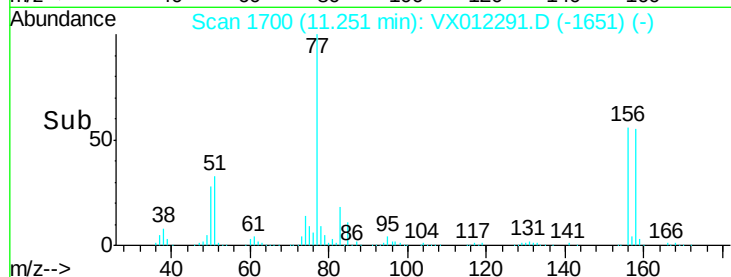
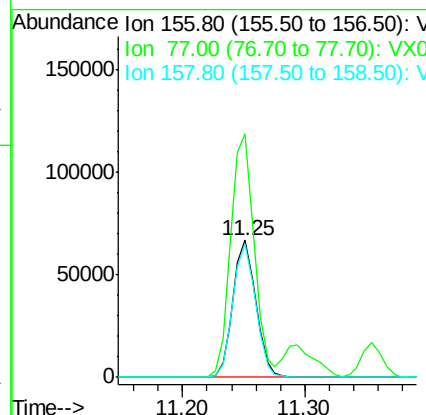
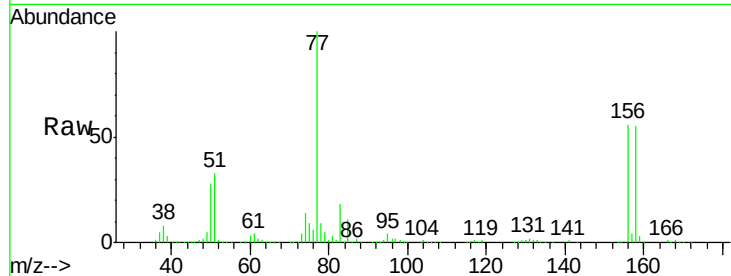
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	86240
Ion	Ratio	Lower	Upper
156	100		
77	182.4	92.2	276.6
158	96.9	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 54.919 ug/l

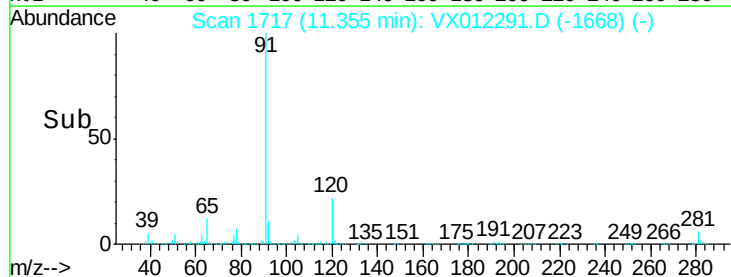
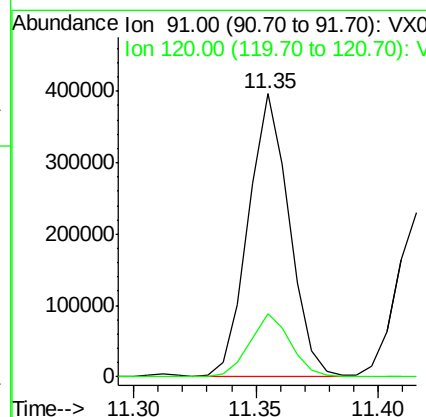
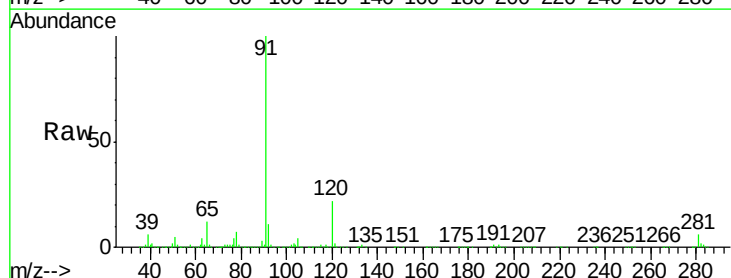
RT: 11.35 min Scan# 1717

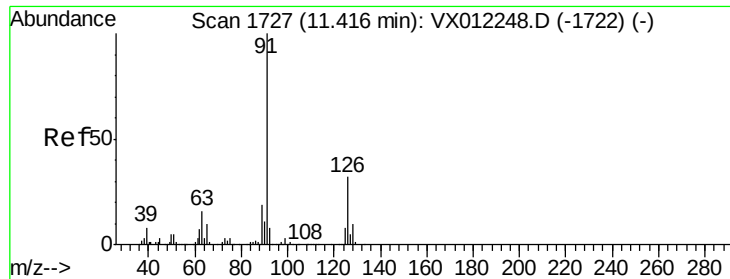
Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Tgt Ion:	91	Resp:	460825
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.6





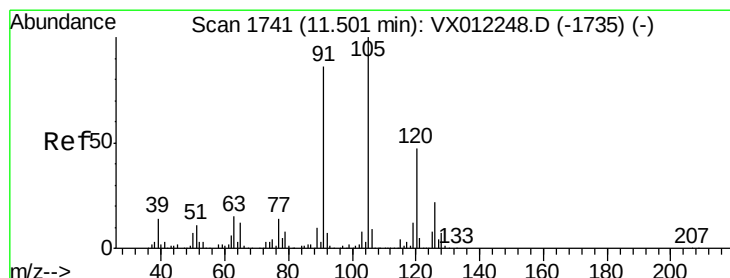
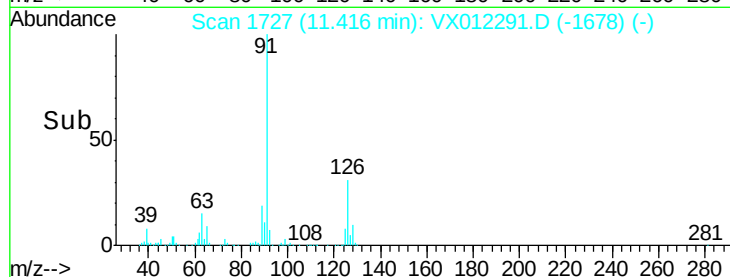
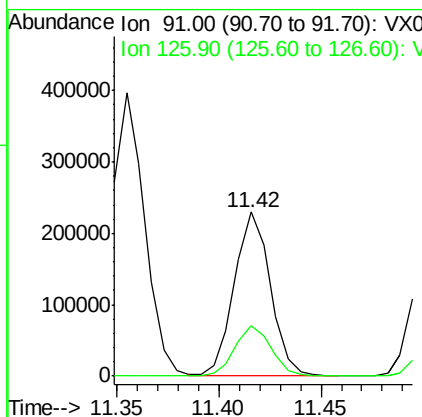
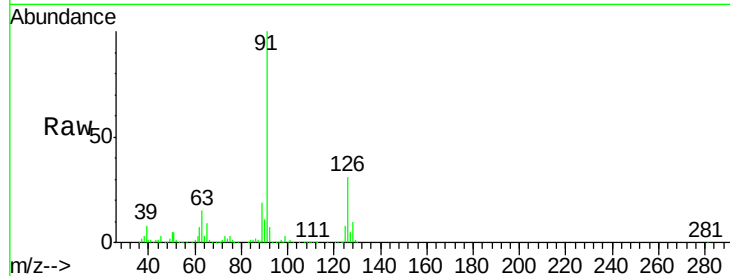
#79
 2-Chlorotoluene
 Concen: 54.121 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 281354
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.9 47.7

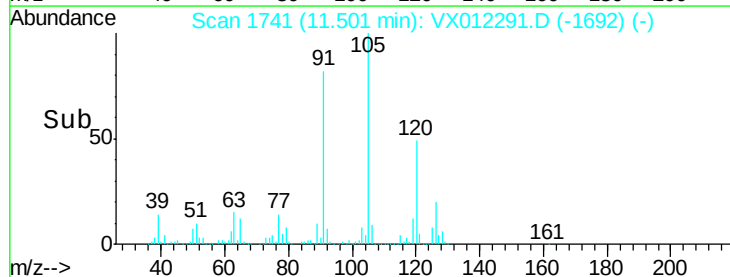
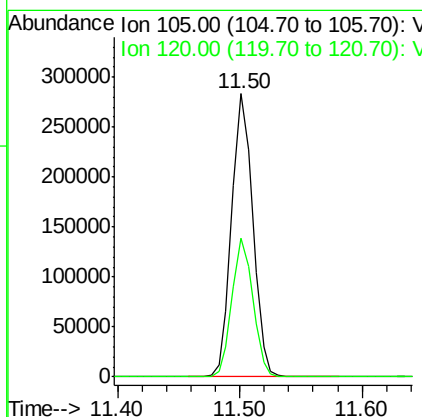
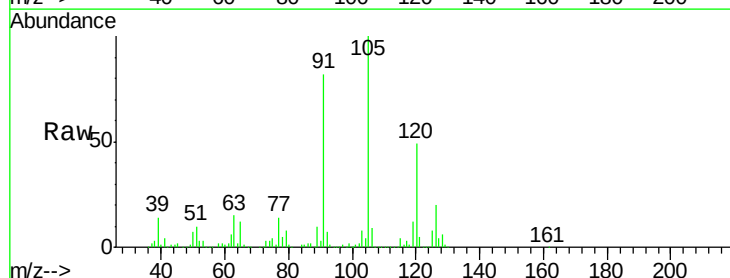
Manual Integrations
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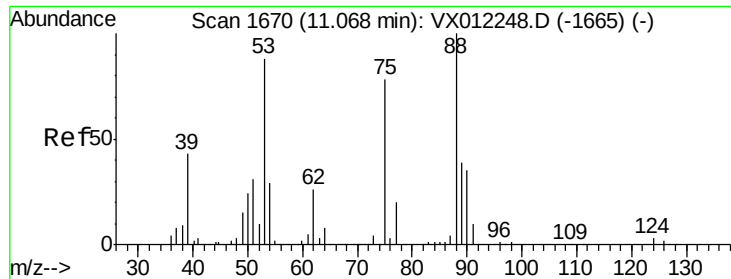
MMDadoda
 9/12/2019 9:26:21 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.110 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion: 105 Resp: 338118
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.7 71.1





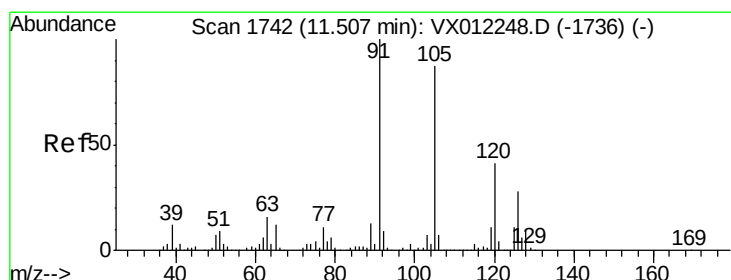
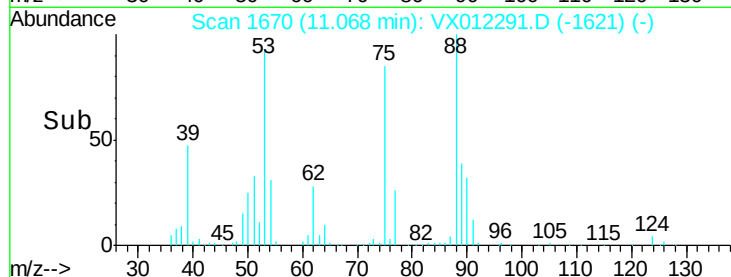
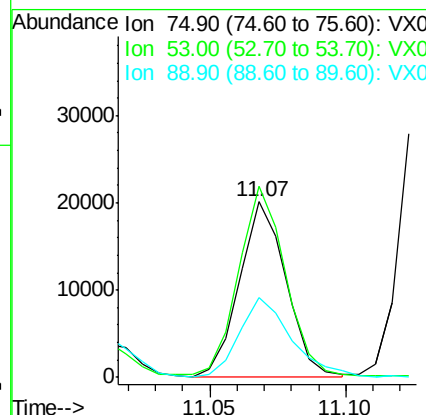
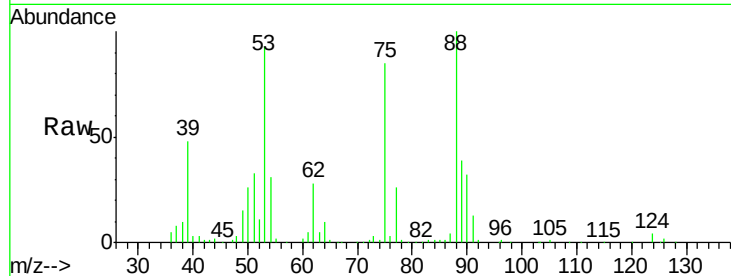
#81
trans-1,4-Dichloro-2-butene
Concen: 52.095 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.7	88.1	132.1
89	51.9	43.5	65.3

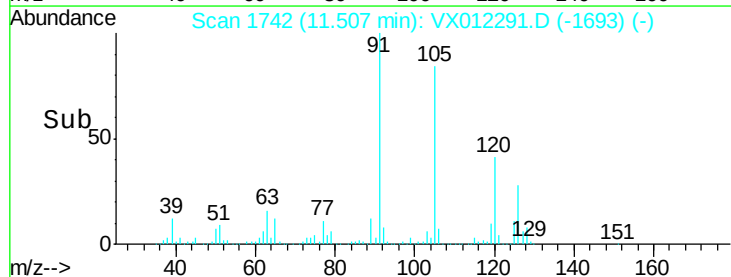
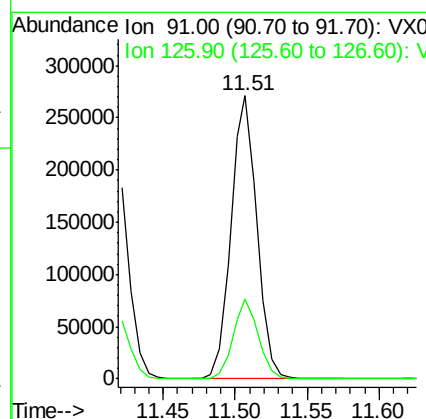
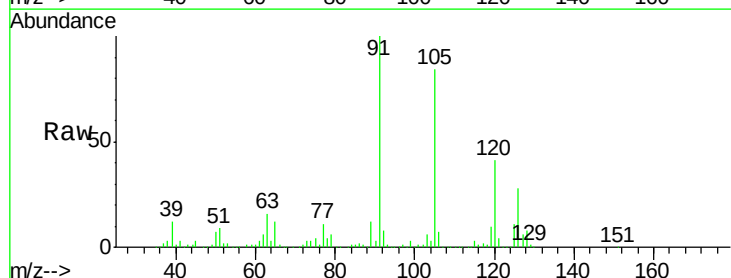
Manual Integrations
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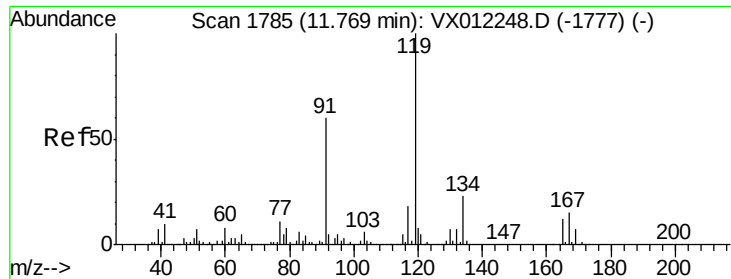
MMDadoda
9/12/2019 9:26:21 AM



#82
4-Chlorotoluene
Concen: 54.755 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.3	14.0	42.0





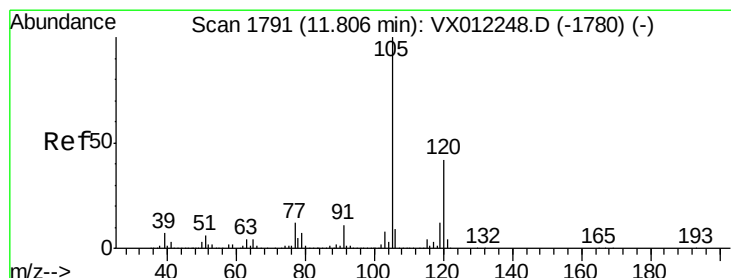
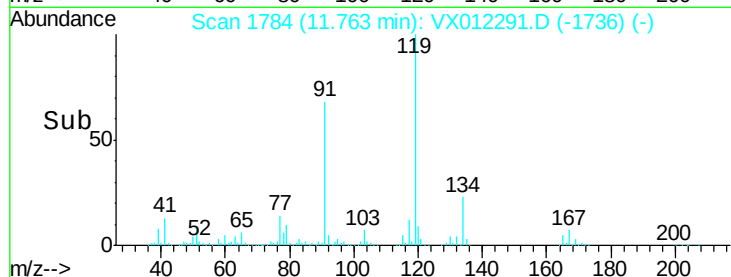
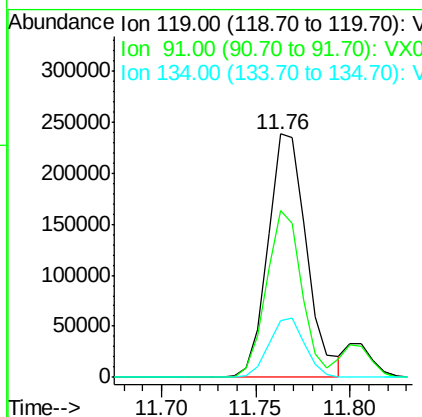
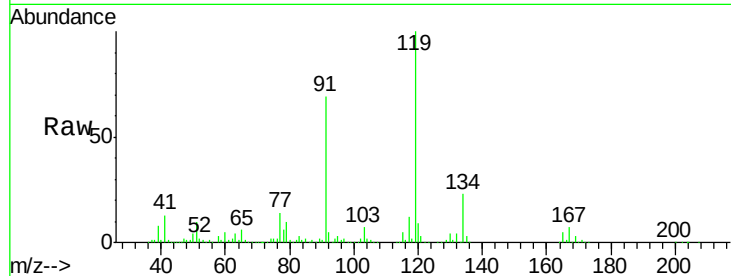
#83
 tert-Butylbenzene
 Concen: 55.723 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	338102		
91	62.6	30.9	92.8	
134	22.8	11.2	33.6	

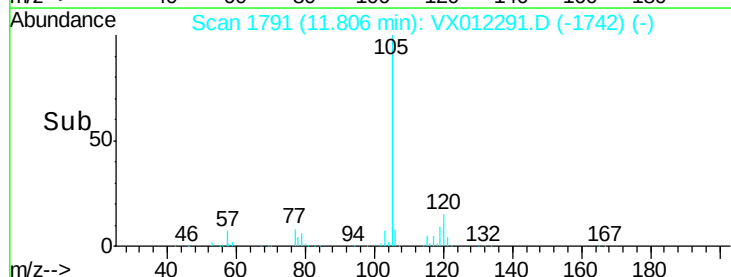
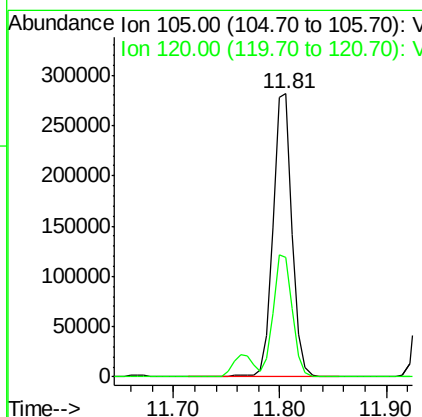
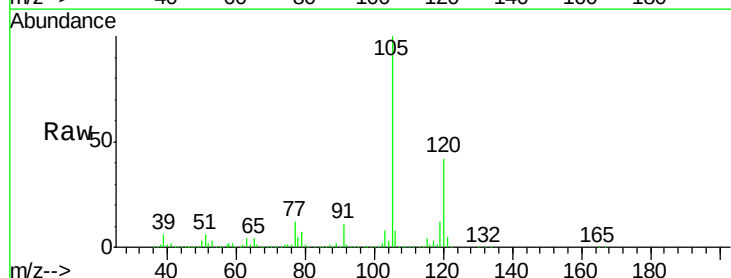
Manual Integrations
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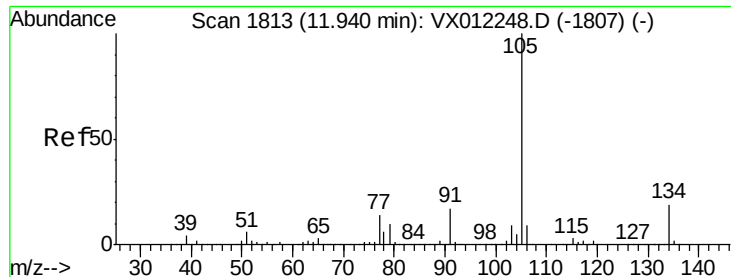
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.343 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	351035		
120	43.3	21.3	63.9	





#85

sec-Butylbenzene

Concen: 55.531 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 402024

Ion Ratio Lower Upper

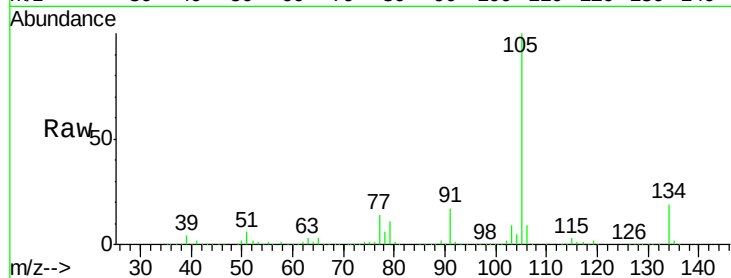
105 100

134 19.5 9.9 29.7

Manual Integrations
APPROVED

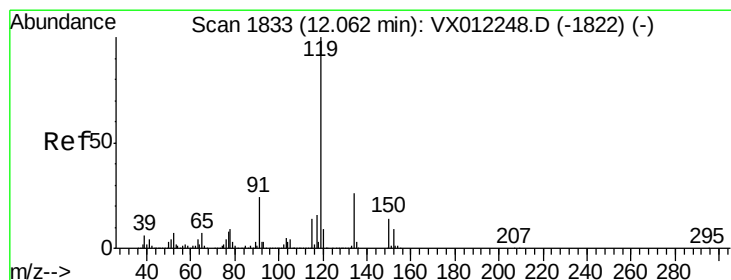
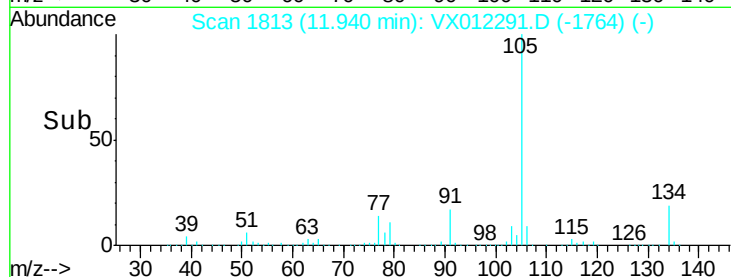
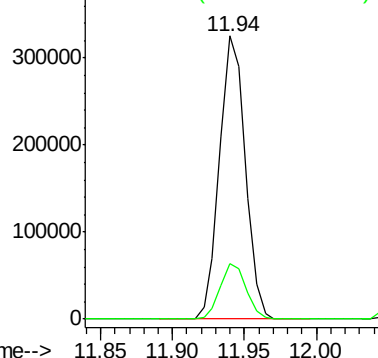
MMDadoda

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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: 55.409 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012291.D

Acq: 11 Sep 2019 09:14

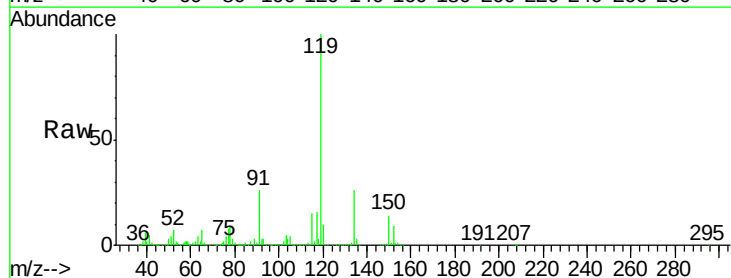
Tgt Ion:119 Resp: 370647

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

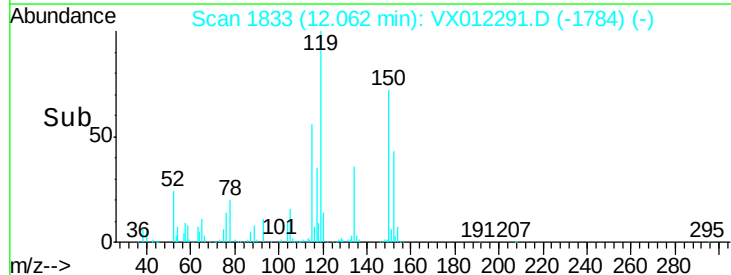
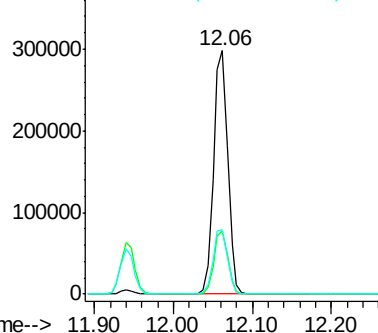
91 27.0 13.1 39.1

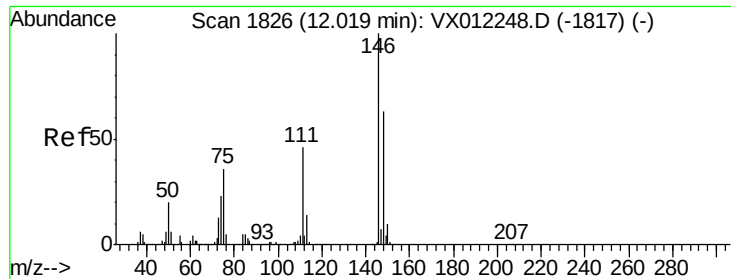


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





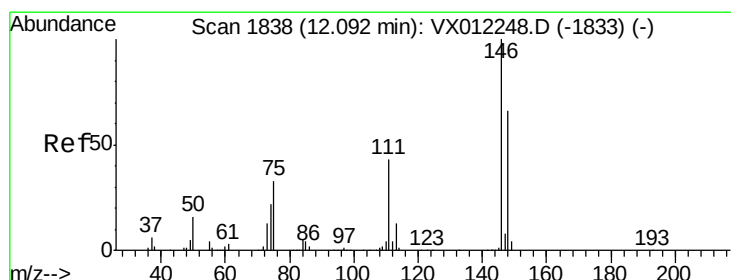
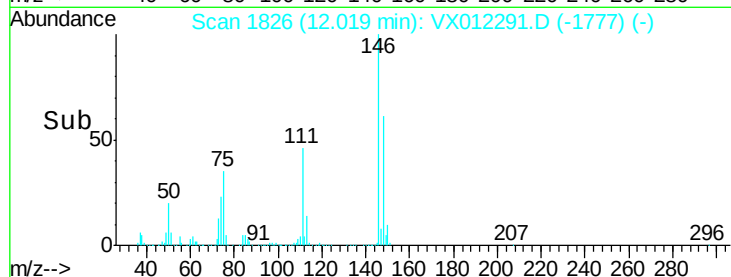
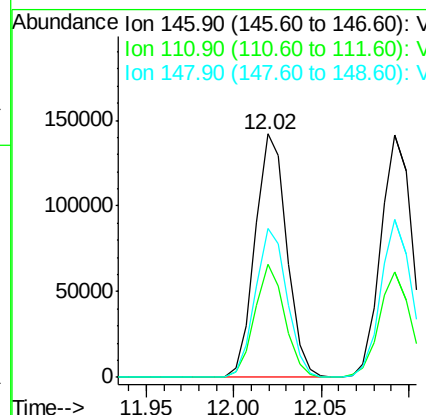
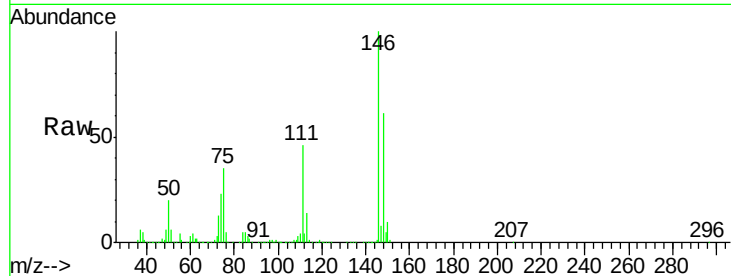
#87
 1,3-Dichlorobenzene
 Concen: 54.946 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.3	66.8
148	61.3	31.5	94.5

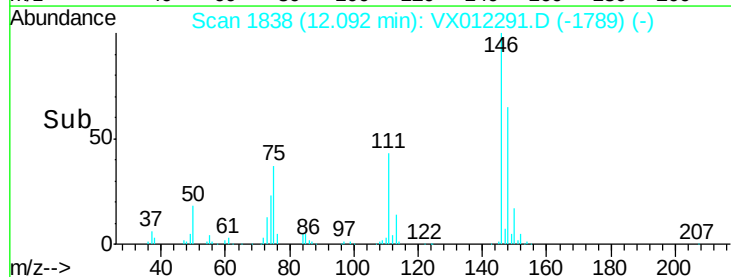
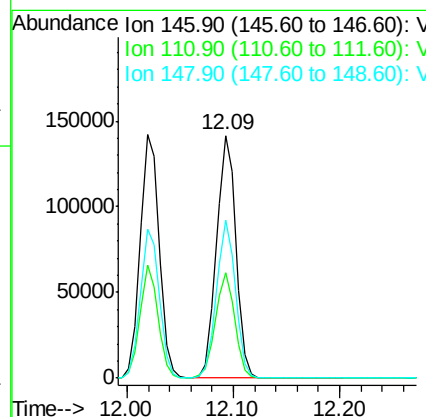
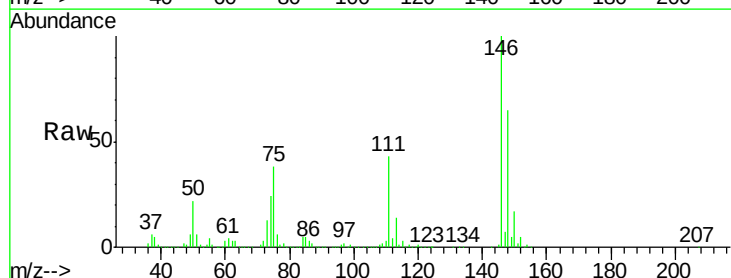
Manual Integrations
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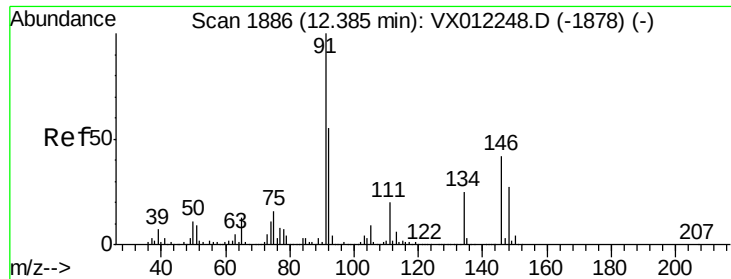
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#88
 1,4-Dichlorobenzene
 Concen: 53.604 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	64.8
148	63.9	32.4	97.2





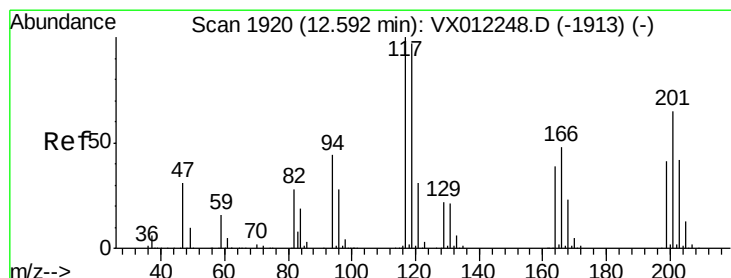
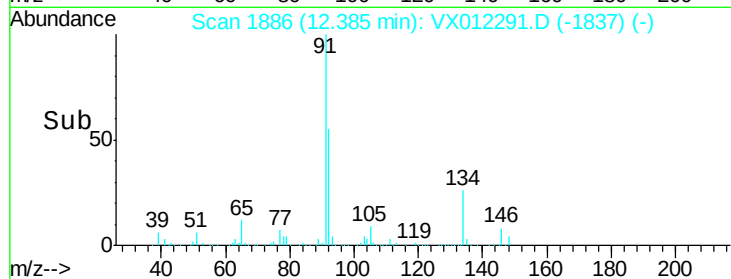
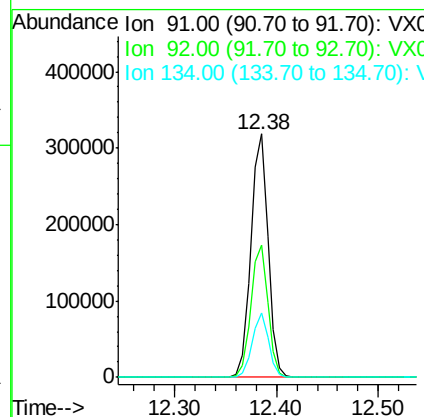
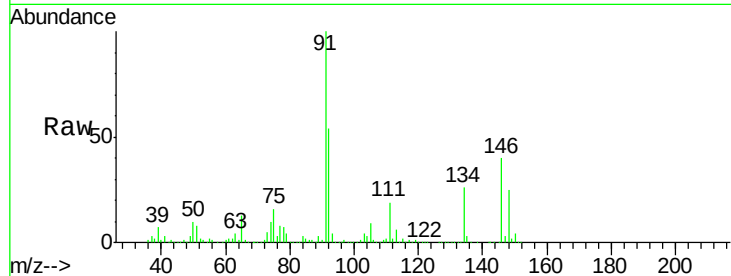
#89
n-Butylbenzene
Concen: 56.571 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	25.5	12.5	37.5

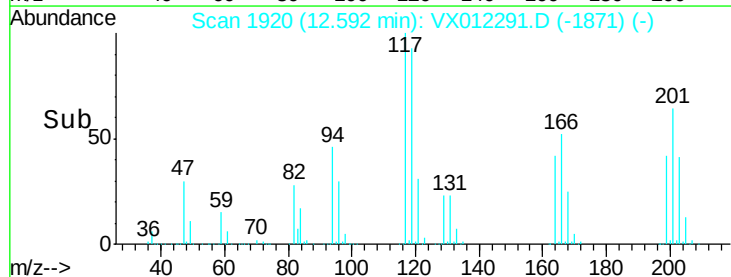
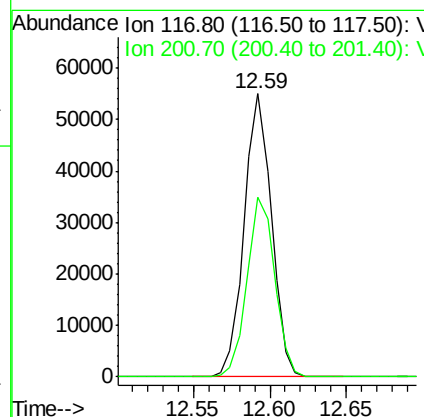
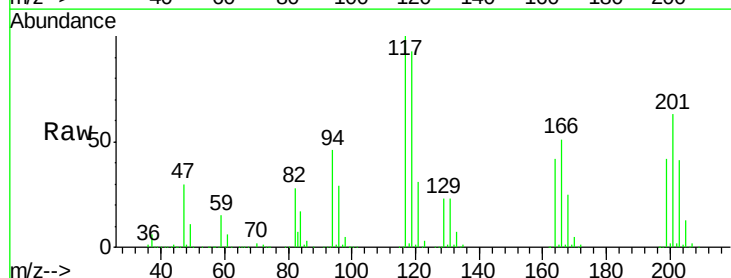
Manual Integrations
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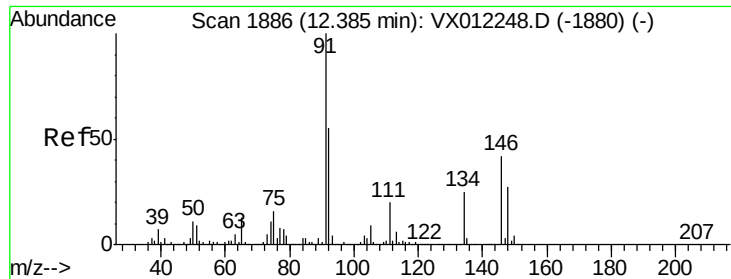
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9/12/2019 9:26:21 AM



#90
Hexachloroethane
Concen: 55.348 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.5	32.2	96.6





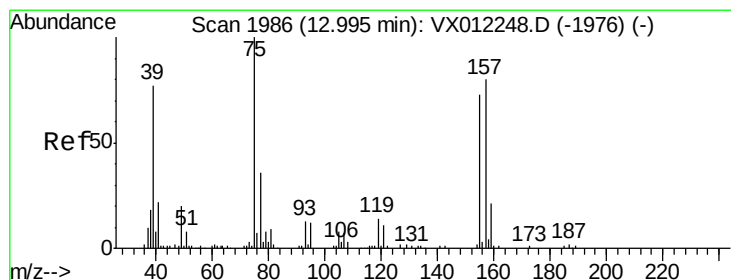
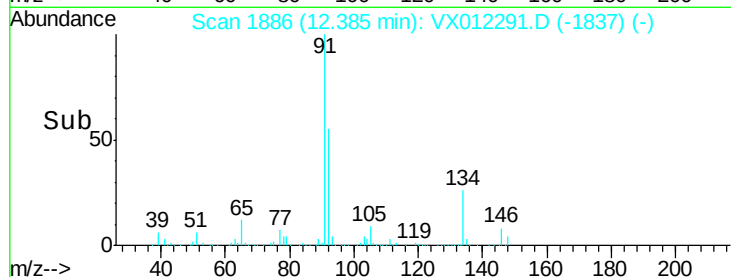
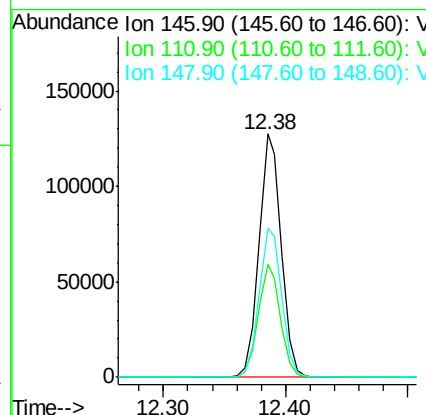
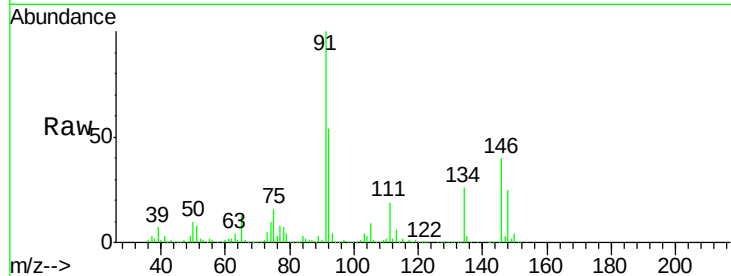
#91
 1,2-Dichlorobenzene
 Concen: 53.843 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	162312		
111	45.9	23.2	69.6	
148	62.6	32.4	97.0	

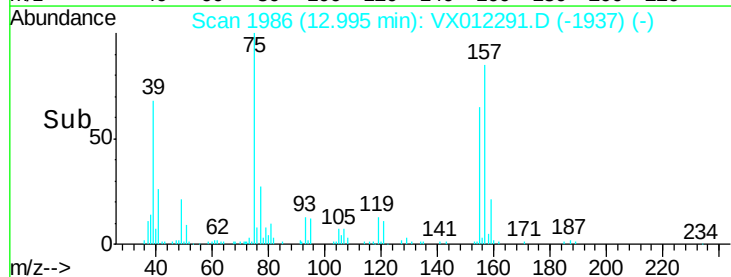
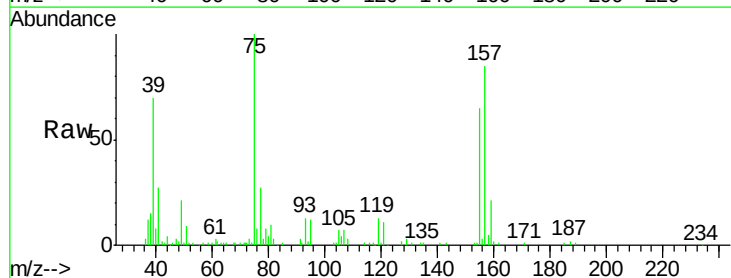
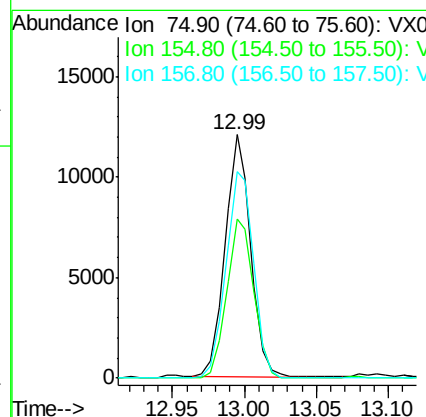
Manual Integrations
 APPROVED

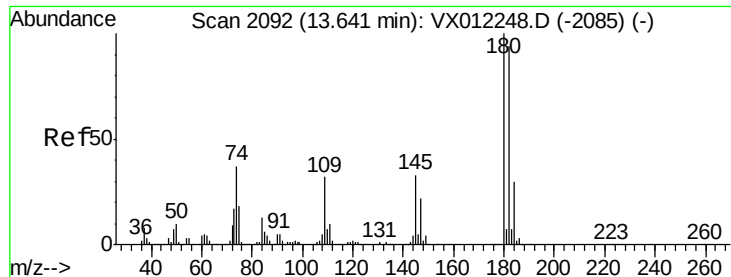
MMDadoda
 9/12/2019 9:26:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.695 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15137		
155	68.7	35.3	105.7	
157	91.2	43.2	129.6	





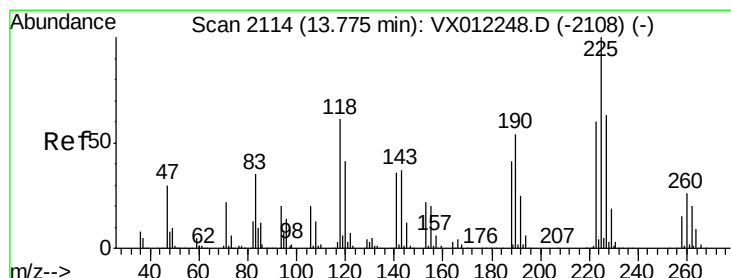
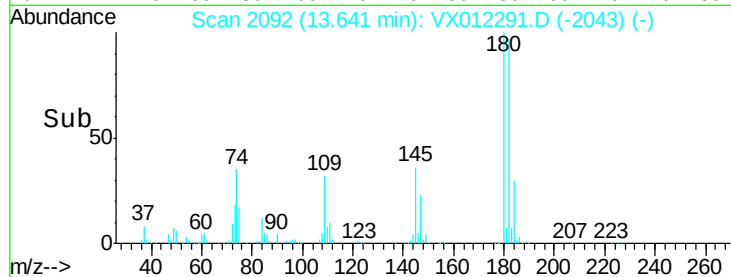
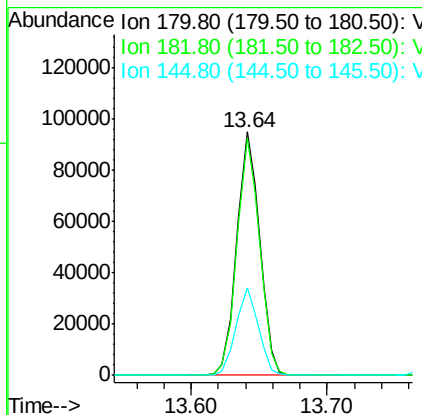
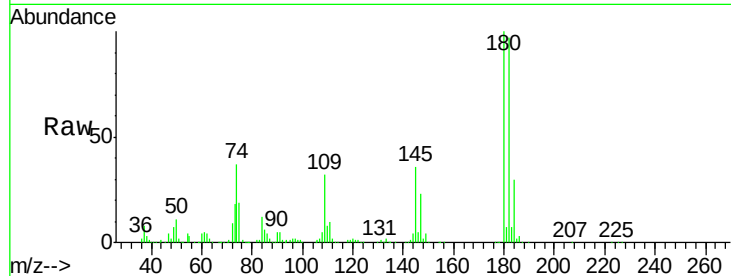
#93
 1,2,4-Trichlorobenzene
 Concen: 53.528 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	46.9	140.8	
145	35.2	17.1	51.2	

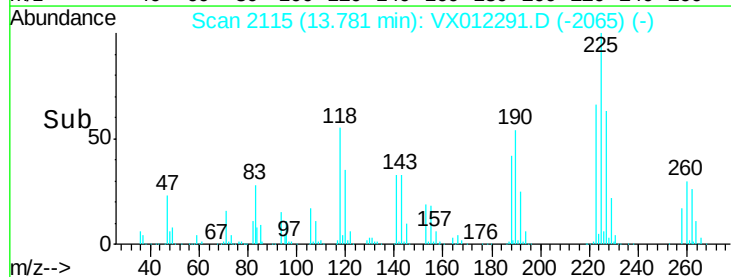
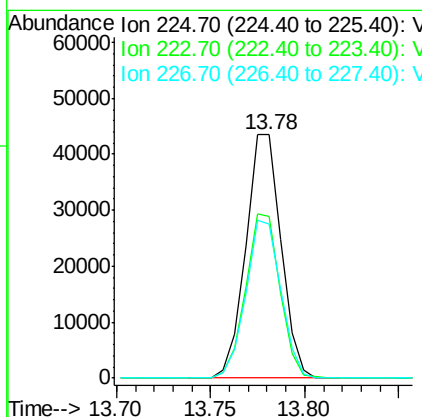
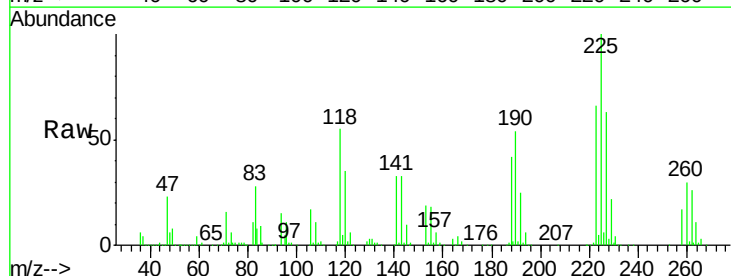
Manual Integrations
 APPROVED

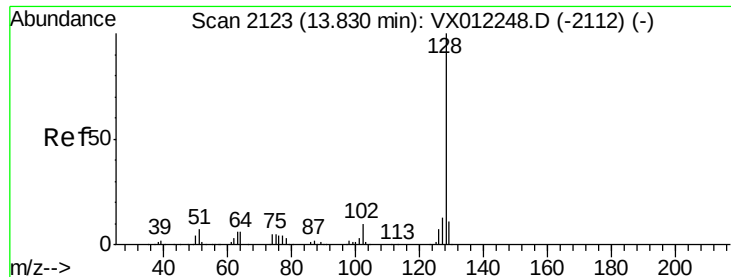
MMDadoda
 9/12/2019 9:26:21 AM



#94
 Hexachlorobutadiene
 Concen: 54.609 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012291.D
 Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.7	32.1	96.5	
227	64.1	32.5	97.5	





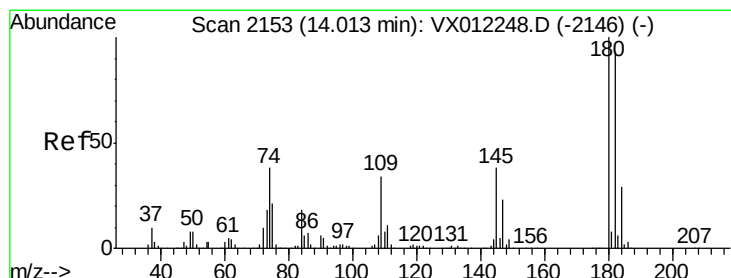
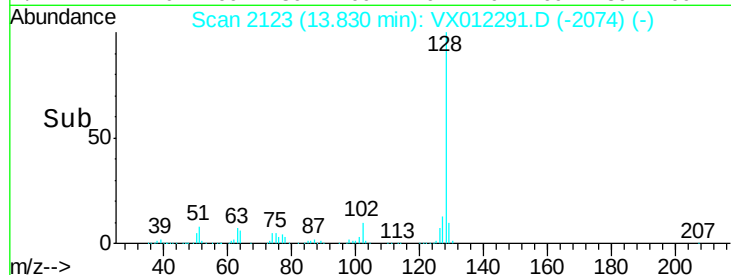
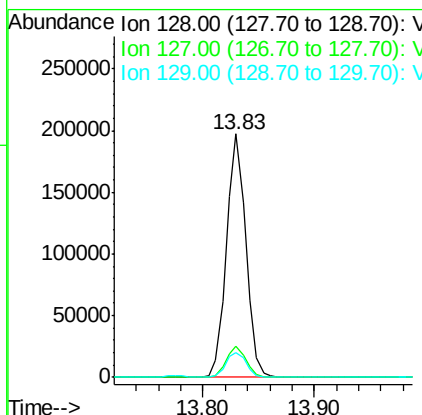
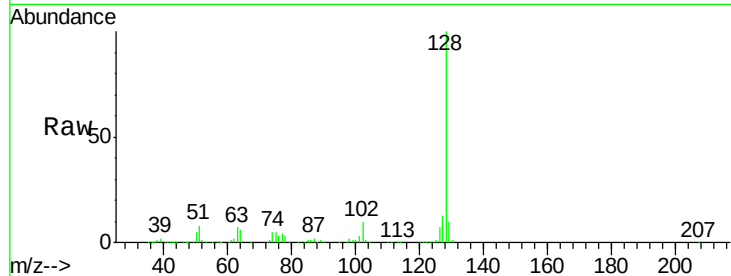
#95
Naphthalene
Concen: 52.905 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/12/2019 9:26:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.071 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012291.D
Acq: 11 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.0	141.0
145	37.2	18.6	55.8

