

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013812.D
 Acq On : 06 Dec 2019 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 07 02:42:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	589048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	905448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	811398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	404445	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	315684	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	
35) Dibromofluoromethane	5.49	113	258825	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
50) Toluene-d8	8.71	98	991262	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.14	95	363360	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	305155	46.543	ug/l	98
3) Chloromethane	1.32	50	341207	46.380	ug/l	99
4) Vinyl Chloride	1.40	62	406883	49.139	ug/l	98
5) Bromomethane	1.63	94	252065	45.329	ug/l	98
6) Chloroethane	1.71	64	222217	47.161	ug/l	96
7) Trichlorofluoromethane	1.92	101	434996	47.311	ug/l	100
8) Diethyl Ether	2.18	74	207145	49.799	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	266371	47.430	ug/l	100
10) Methyl Iodide	2.50	142	340272	50.087	ug/l	100
11) Tert butyl alcohol	3.03	59	358138	212.202	ug/l	100
12) 1,1-Dichloroethene	2.36	96	269910	48.148	ug/l	98
13) Acrolein	2.28	56	302935	267.951	ug/l	99
14) Allyl chloride	2.72	41	484031	47.579	ug/l	100
15) Acrylonitrile	3.13	53	854785	245.363	ug/l	100
16) Acetone	2.44	43	955957	283.182	ug/l	99
17) Carbon Disulfide	2.56	76	685129	42.873	ug/l	99
18) Methyl Acetate	2.76	43	513318	54.607	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	924180	49.765	ug/l	99
20) Methylene Chloride	2.85	84	308691	47.598	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	283322	46.394	ug/l	97
22) Diisopropyl ether	3.84	45	985279	50.298	ug/l	99
23) Vinyl Acetate	3.80	43	2921367	179.272	ug/l	99
24) 1,1-Dichloroethane	3.69	63	533414	49.812	ug/l	99
25) 2-Butanone	4.66	43	1300780	259.273	ug/l	98
26) 2,2-Dichloropropane	4.58	77	383127	43.243	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	338316	48.240	ug/l	98
28) Bromochloromethane	5.00	49	227443	53.748	ug/l	99
29) Tetrahydrofuran	5.11	42	764426	247.160	ug/l	99
30) Chloroform	5.20	83	519892	47.872	ug/l	97
31) Cyclohexane	5.58	56	463944	45.934	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	443787	48.900	ug/l	99
36) 1,1-Dichloropropene	5.79	75	386535	47.028	ug/l	99
37) Ethyl Acetate	4.82	43	462245	50.131	ug/l	99
38) Carbon Tetrachloride	5.78	117	371420	49.008	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	467594	46.024	ug/l	98
40) Benzene	6.14	78	1205275	48.148	ug/l	99
41) Methacrylonitrile	5.03	41	258776	51.174	ug/l	99
42) 1,2-Dichloroethane	6.18	62	418302	48.997	ug/l	100
43) Isopropyl Acetate	6.43	43	747917	49.269	ug/l	100
44) Trichloroethene	7.21	130	338167	49.222	ug/l	100
45) 1,2-Dichloropropane	7.51	63	315744	50.413	ug/l	97
46) Dibromomethane	7.65	93	206790	48.613	ug/l	100
47) Bromodichloromethane	7.89	83	407887	50.722	ug/l	100
48) Methyl methacrylate	7.76	41	375285	50.881	ug/l	99
49) 1,4-Dioxane	7.73	88	137157	830.771	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2390757	250.376	ug/l	100
52) Toluene	8.78	92	759596	48.844	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	444472	48.558	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	492553	49.254	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	315515	50.346	ug/l	99
56) Ethyl methacrylate	9.17	69	509446	50.562	ug/l	99
57) 1,3-Dichloropropane	9.37	76	531731	49.225	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	972697	246.227	ug/l	100
59) 2-Hexanone	9.48	43	1891205	253.946	ug/l	99
60) Dibromochloromethane	9.58	129	331727	51.005	ug/l	99
61) 1,2-Dibromoethane	9.67	107	325849	48.682	ug/l	100
64) Tetrachloroethene	9.33	164	464803	76.815	ug/l	97
65) Chlorobenzene	10.14	112	816169	48.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	303638	50.193	ug/l	99
67) Ethyl Benzene	10.25	91	1443370	49.860	ug/l	100
68) m/p-Xylenes	10.35	106	1093084	98.626	ug/l	100
69) o-Xylene	10.70	106	541271	50.075	ug/l	99
70) Styrene	10.71	104	928877	51.085	ug/l	99
71) Bromoform	10.85	173	257749	51.495	ug/l #	100
73) Isopropylbenzene	11.01	105	1430001	50.405	ug/l	100
74) N-amyl acetate	10.89	43	653556	50.289	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	471417	47.915	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	560177	61.580	ug/l	88
77) Bromobenzene	11.25	156	372449	48.595	ug/l	99
78) n-propylbenzene	11.35	91	1608783	50.798	ug/l	100
79) 2-Chlorotoluene	11.42	91	950301	50.021	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1180590	50.774	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156587	47.093	ug/l	99
82) 4-Chlorotoluene	11.51	91	1091022	49.583	ug/l	99
83) tert-Butylbenzene	11.76	119	1023048	43.293	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1186432	50.276	ug/l	100
85) sec-Butylbenzene	11.94	105	1372861	50.863	ug/l	100
86) p-Isopropyltoluene	12.06	119	1249886	49.776	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	648439	48.535	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	648186	47.632	ug/l	100
89) n-Butylbenzene	12.39	91	1076889	50.283	ug/l	99
90) Hexachloroethane	12.59	117	231481	51.001	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	654191	49.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	105788	49.376	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
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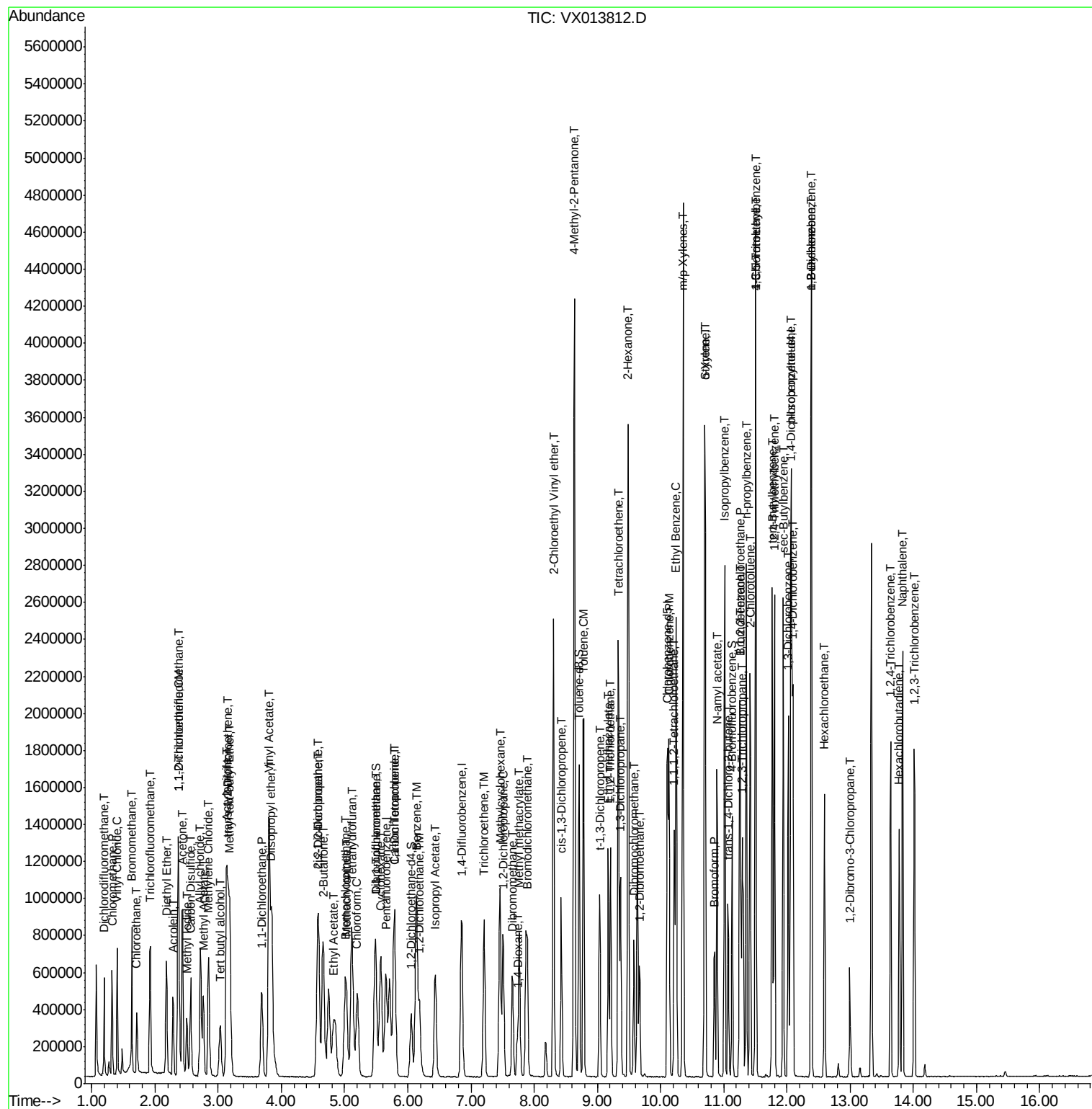
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	439463	47.769	ug/l	97
94) Hexachlorobutadiene	13.78	225	214189	48.466	ug/l	98
95) Naphthalene	13.83	128	1394527	50.901	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	451592	49.577	ug/l	99

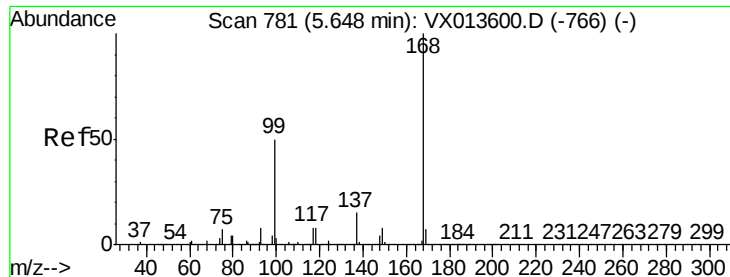
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120619\
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

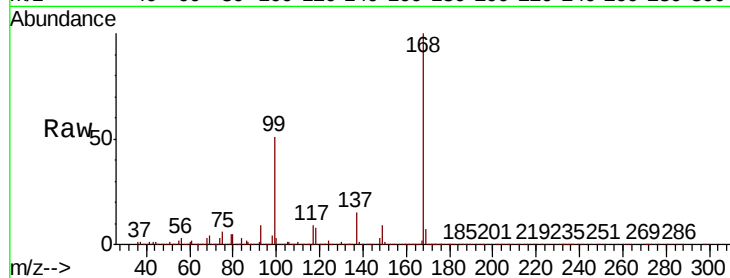
VSTDCCC050

Tot Ion:168 Resp: 589048

Ion Ratio Lower Upper

168 100

99 50.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

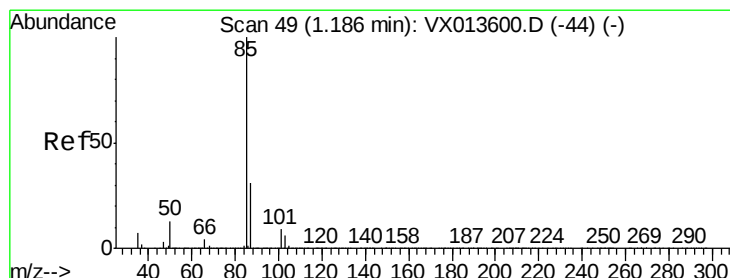
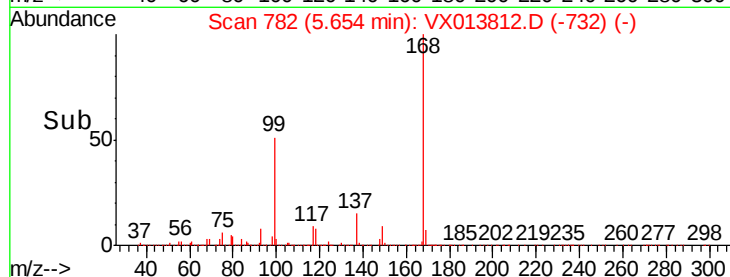
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.543 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013812.D

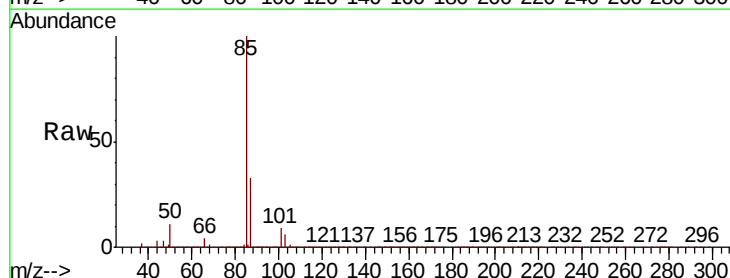
Acq: 06 Dec 2019 20:31

Tgt Ion: 85 Resp: 305155

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

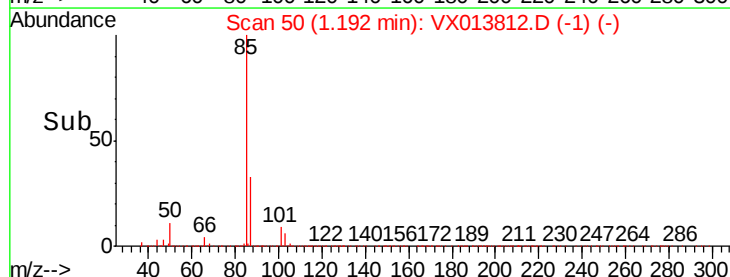
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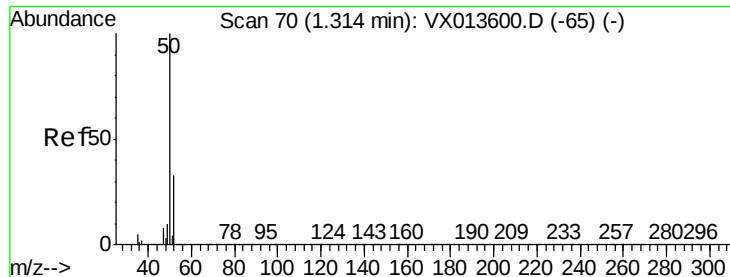
200000

100000

0

Time-->





#3

Chloromethane

Concen: 46.380 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

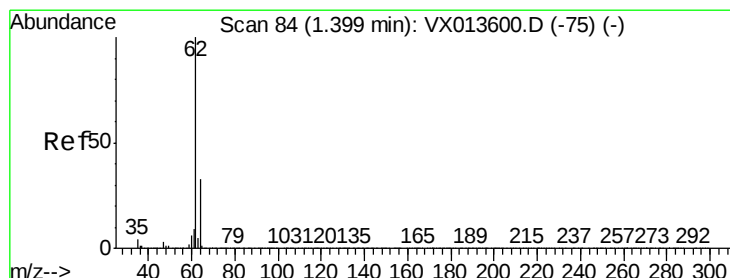
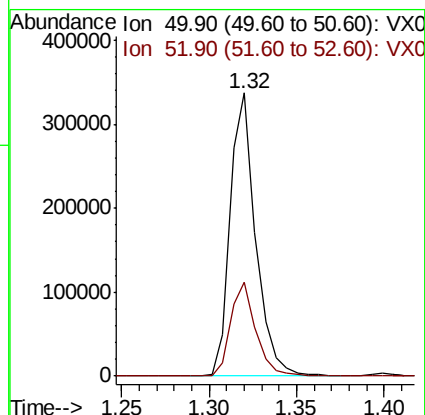
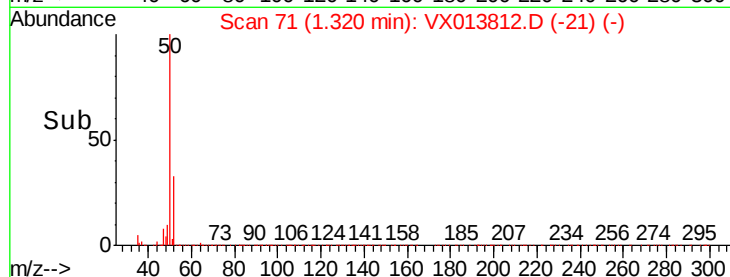
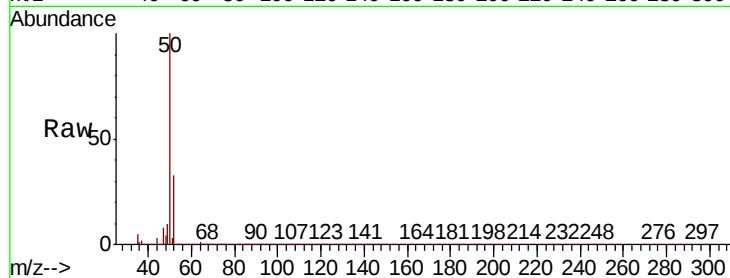
VSTDCCC050

Tot Ion: 50 Resp: 341207

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 49.139 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013812.D

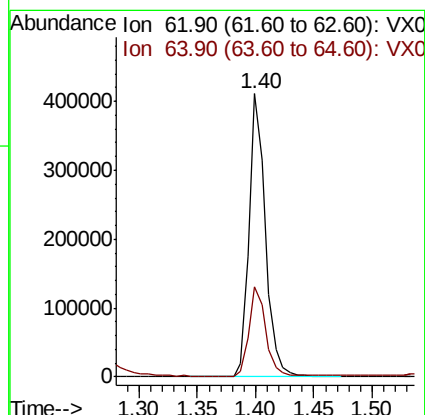
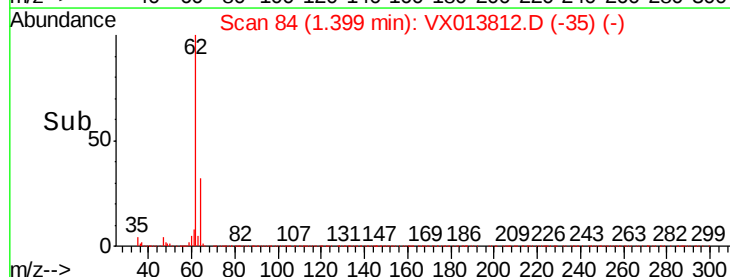
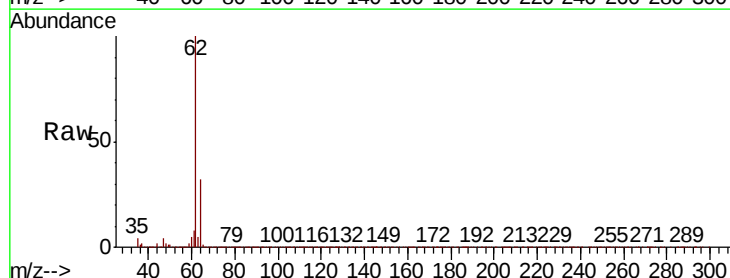
Acq: 06 Dec 2019 20:31

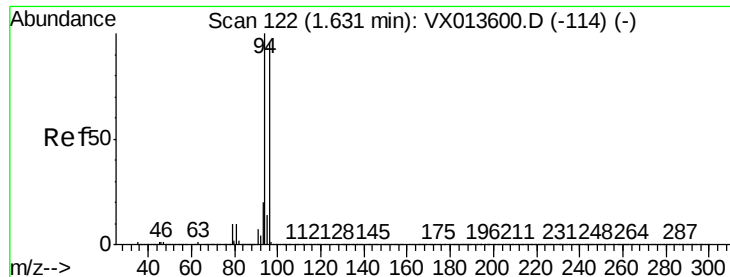
Tgt Ion: 62 Resp: 406883

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 45.329 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

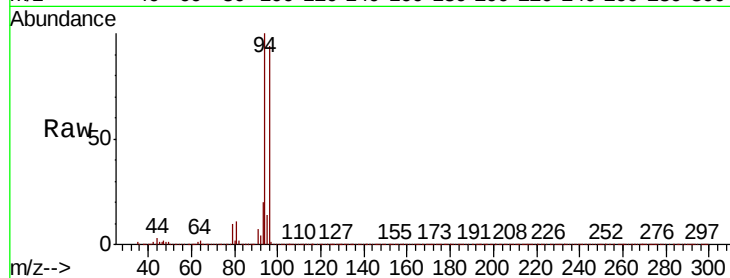
VSTDCCC050

Tot Ion: 94 Resp: 252065

Ion Ratio Lower Upper

94 100

96 94.0 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

300000

250000

200000

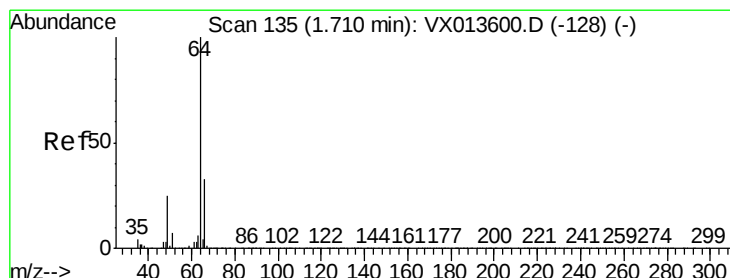
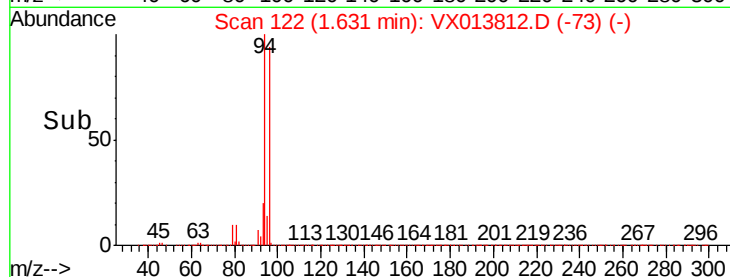
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 47.161 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013812.D

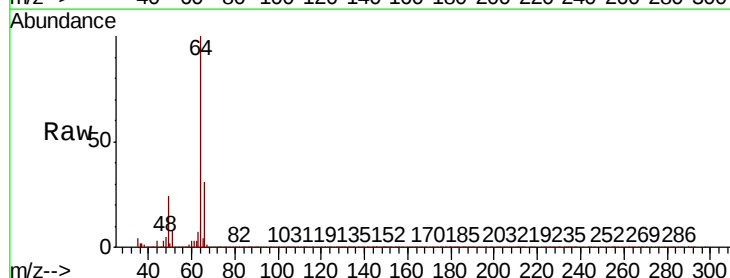
Acq: 06 Dec 2019 20:31

Tgt Ion: 64 Resp: 222217

Ion Ratio Lower Upper

64 100

66 30.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

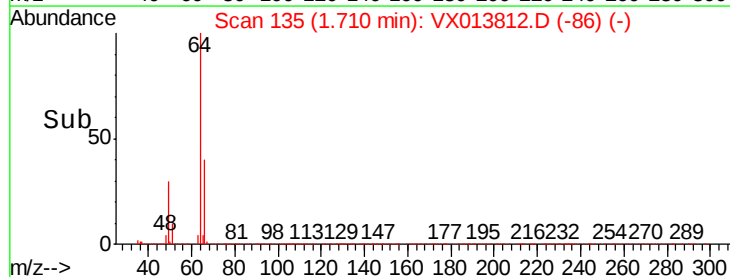
150000

100000

50000

0

Time--> 1.65 1.70 1.75 1.80



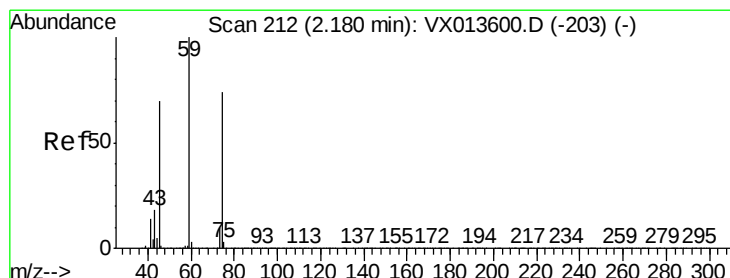
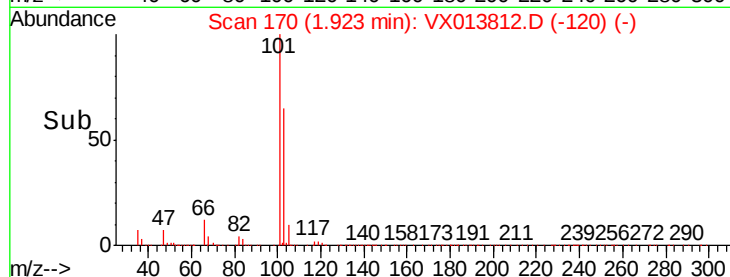
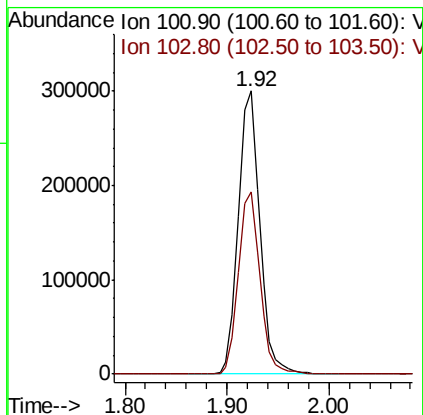
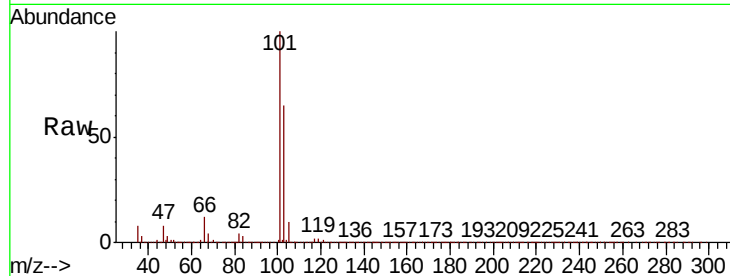


#7

Trichlorofluoromethane
Concen: 47.311 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
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ClientSampleId :
VSTDCCC050

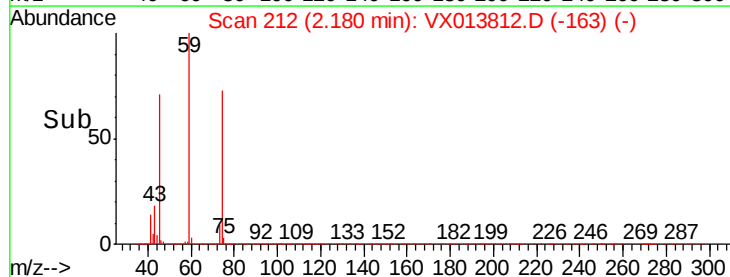
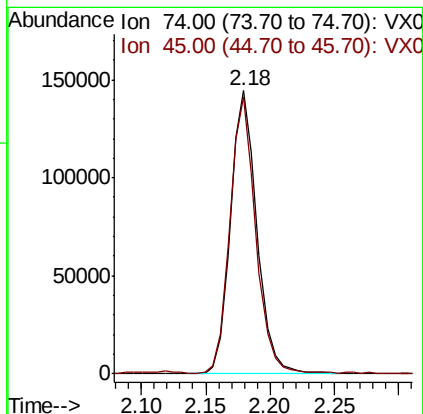
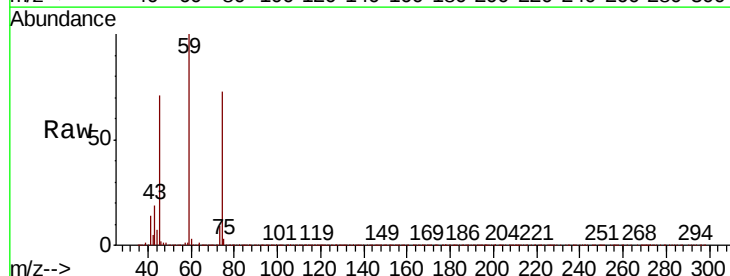
Tot Ion:101 Resp: 434996
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

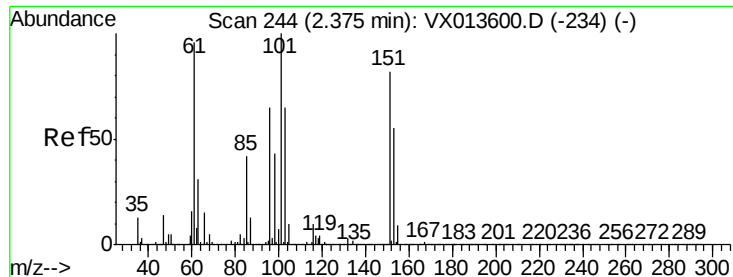


#8

Diethyl Ether
Concen: 49.799 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 74 Resp: 207145
Ion Ratio Lower Upper
74 100
45 94.8 48.9 146.8

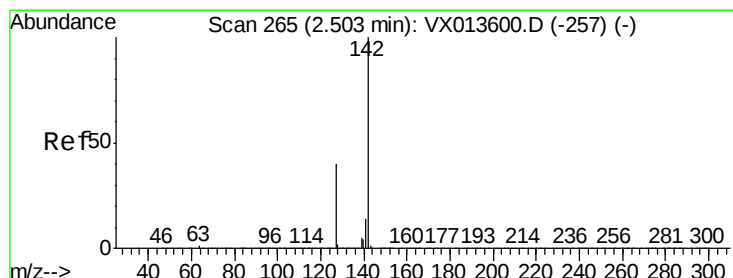
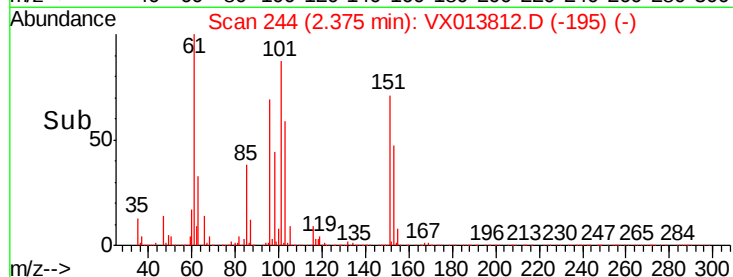
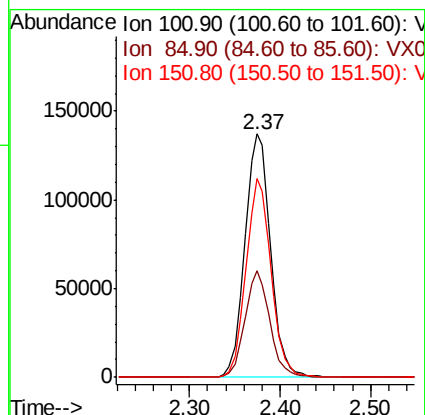
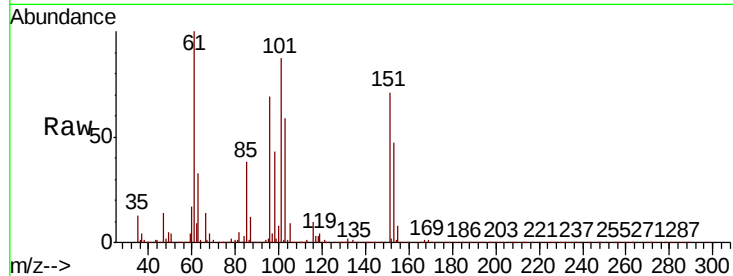




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.430 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

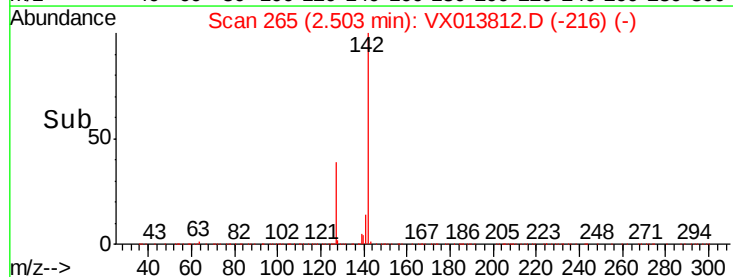
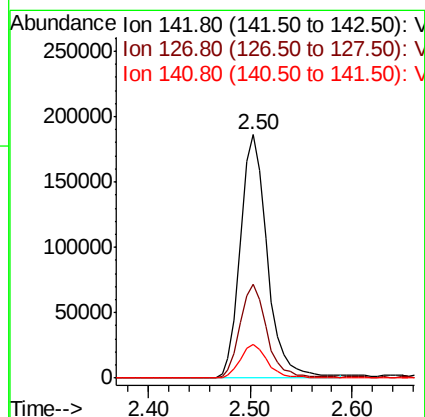
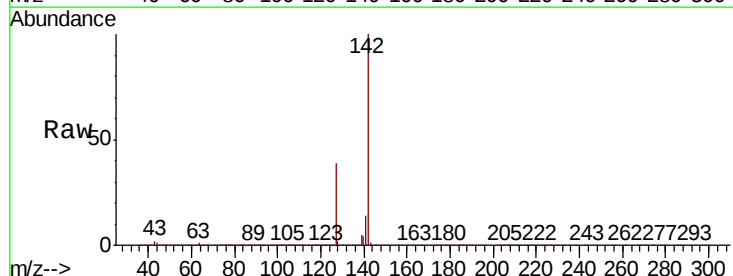
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

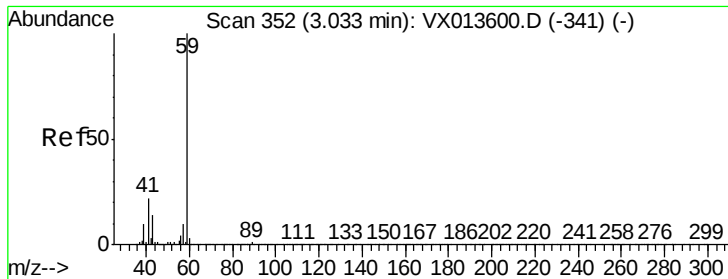
Tot Ion	Ratio	Lower	Upper
101	100		
85	41.9	33.9	50.9
151	80.4	64.2	96.2



#10
Methyl Iodide
Concen: 50.087 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.7	31.0	46.4
141	13.8	11.6	17.4

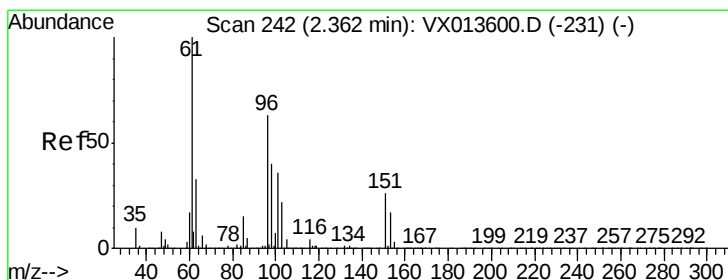
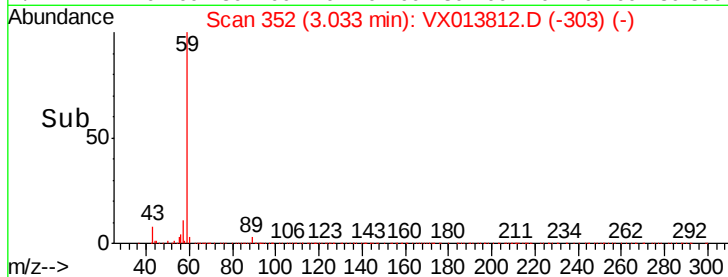
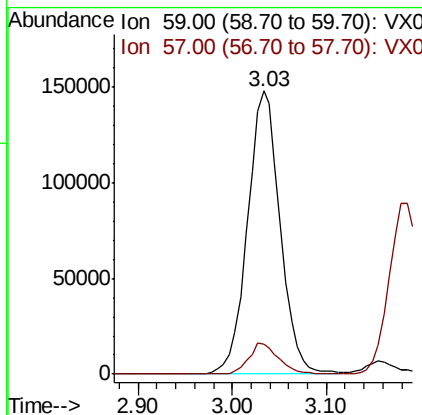
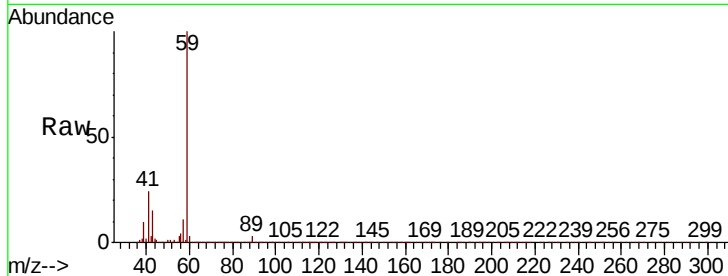




#11
Tert butyl alcohol
Concen: 212.202 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

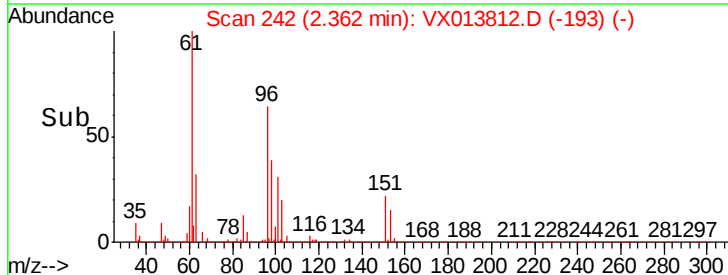
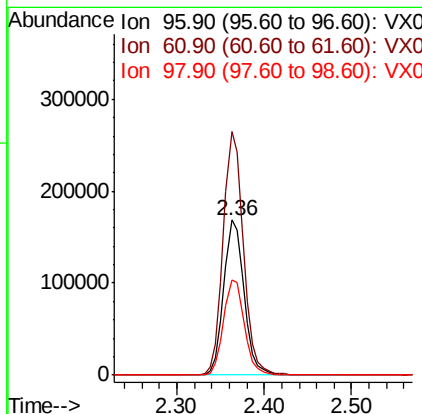
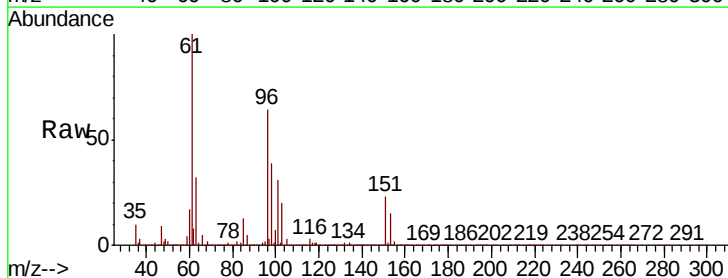
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

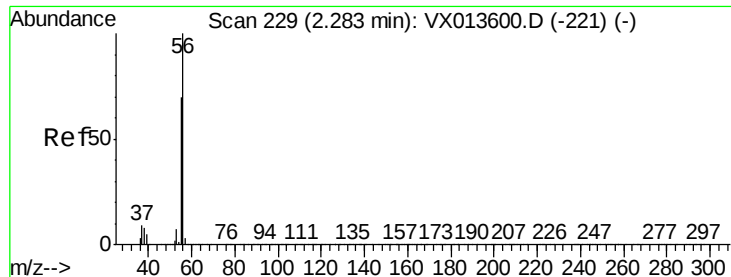
Tot Ion: 59 Resp: 358138
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6



#12
1,1-Dichloroethene
Concen: 48.148 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 96 Resp: 269910
Ion Ratio Lower Upper
96 100
61 156.9 126.6 190.0
98 60.9 50.6 76.0

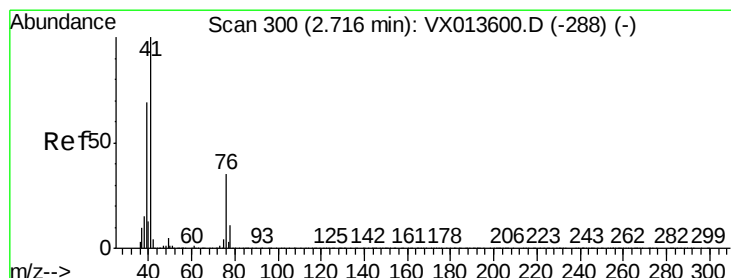
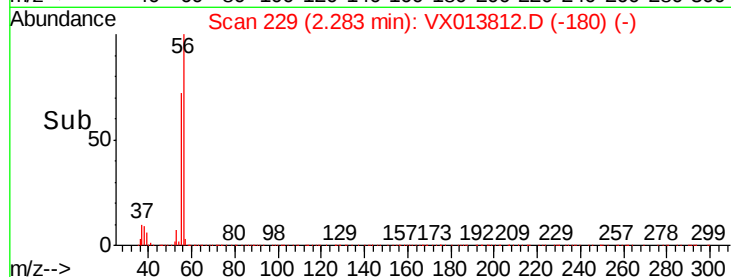
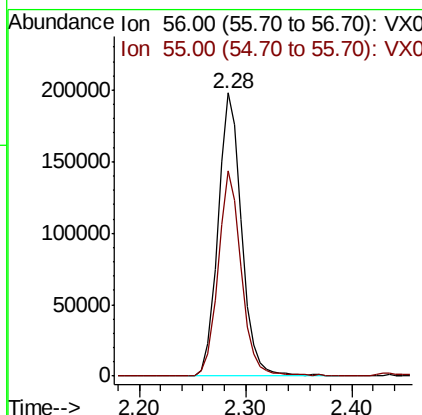
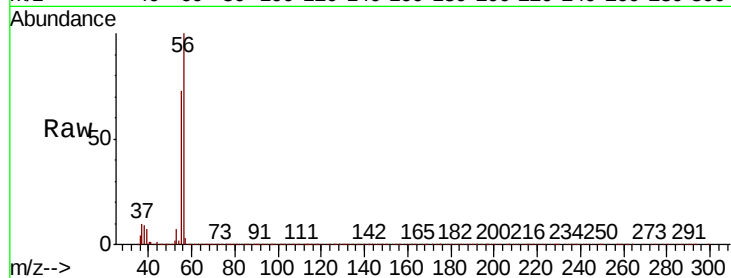




#13
Acrolein
Concen: 267.951 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

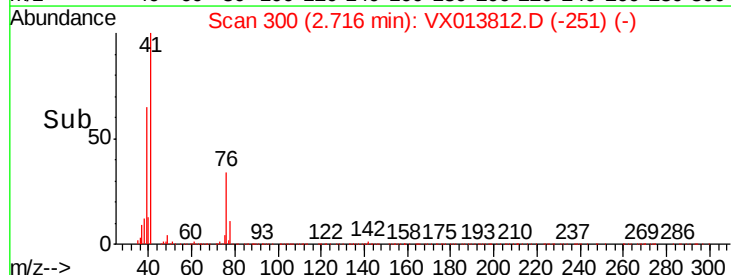
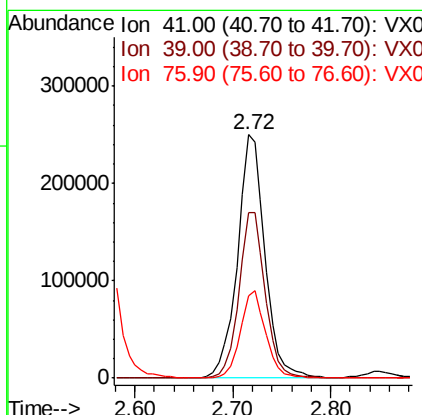
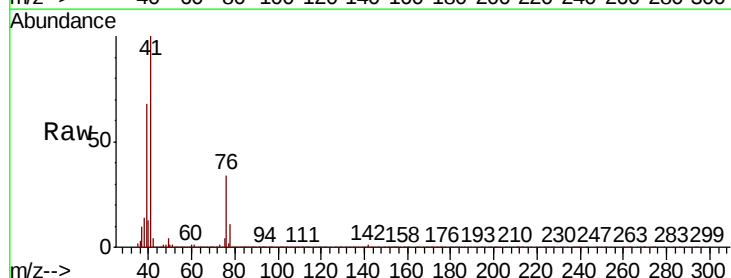
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

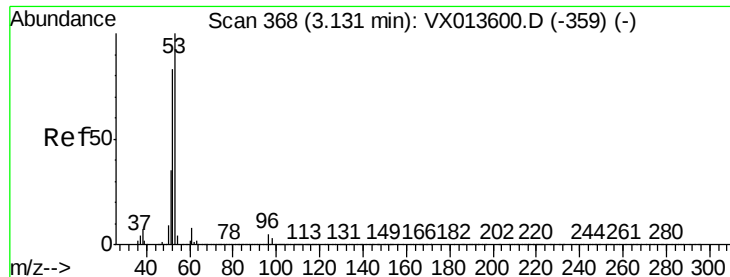
Tot Ion: 56 Resp: 302935
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4



#14
Allyl chloride
Concen: 47.579 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 41 Resp: 484031
Ion Ratio Lower Upper
41 100
39 64.8 51.7 77.5
76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 245.363 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

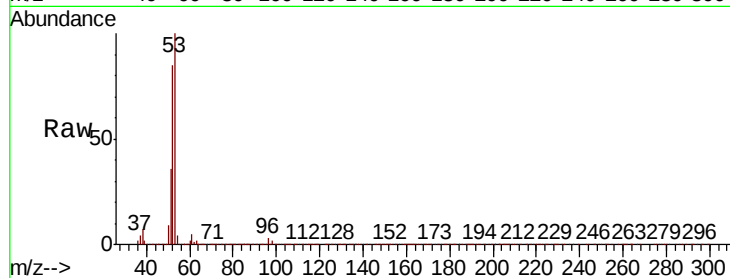
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 854785

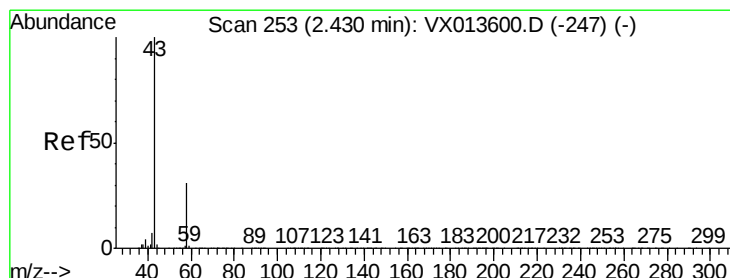
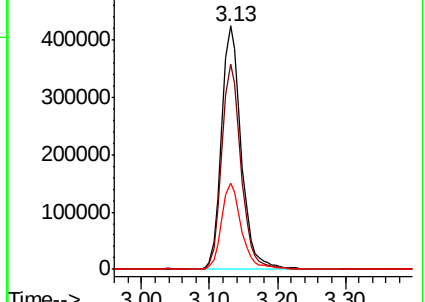
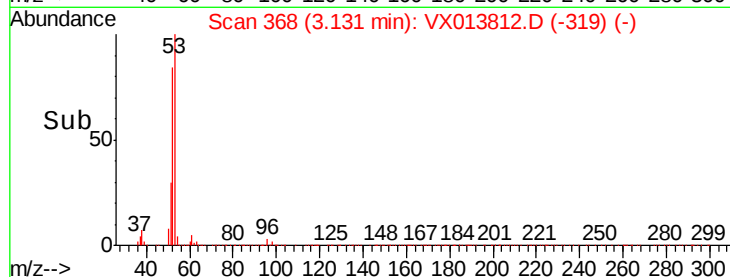
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.6	29.0	43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 283.182 ug/l

RT: 2.44 min Scan# 254

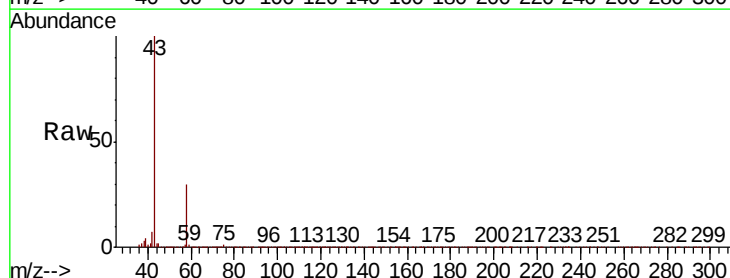
Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

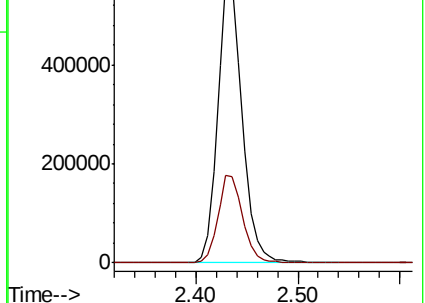
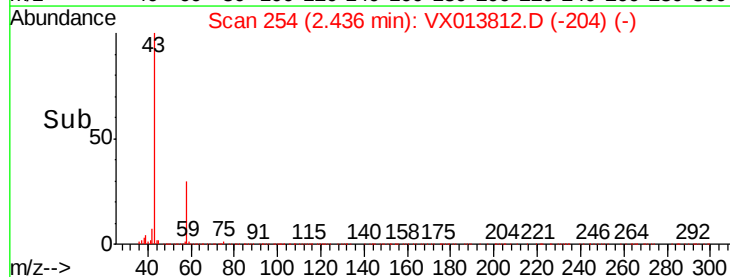
Tgt Ion: 43 Resp: 955957

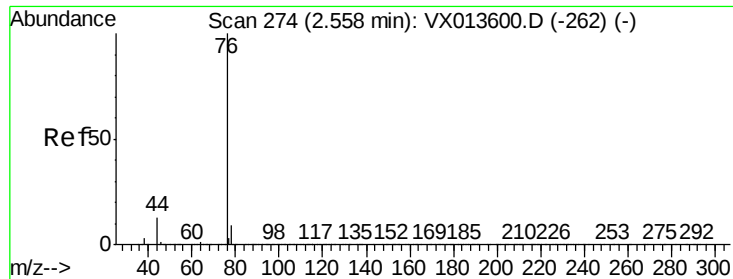
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

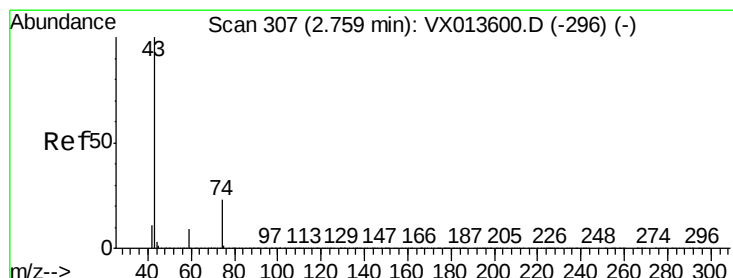
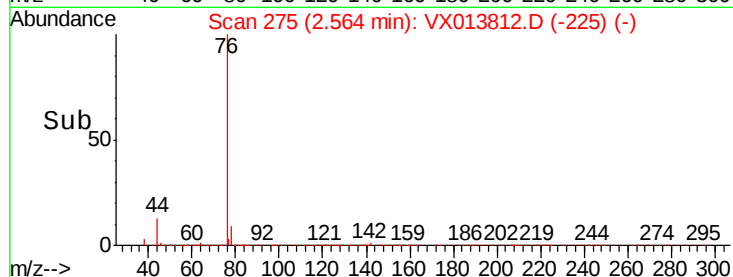
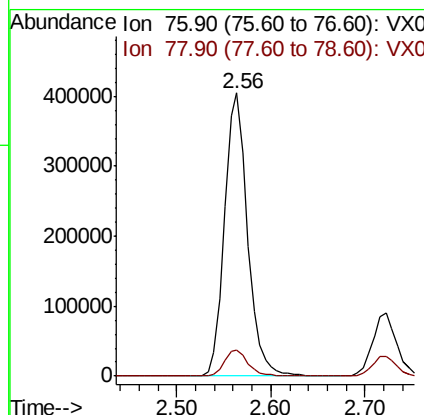
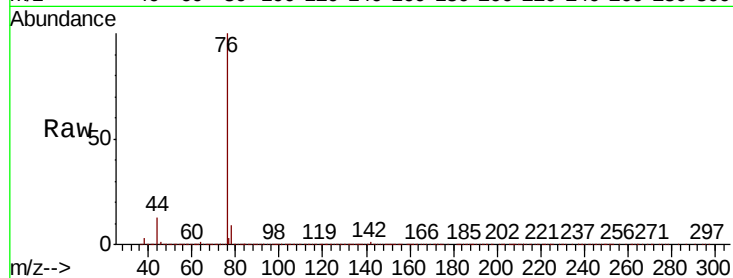




#17
Carbon Disulfide
Concen: 42.873 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

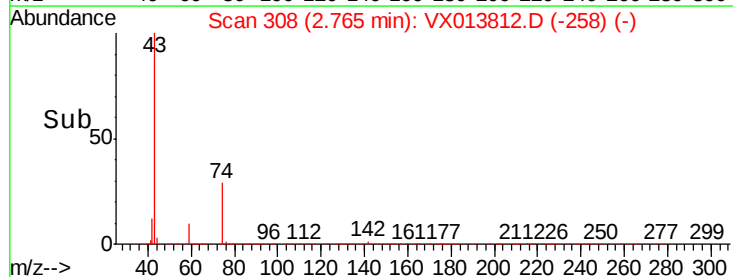
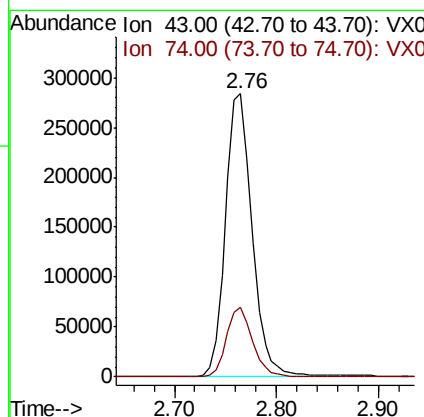
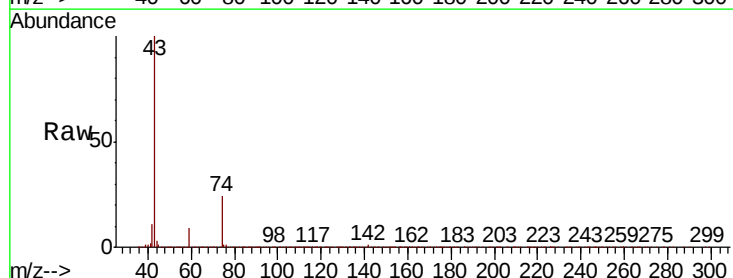
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

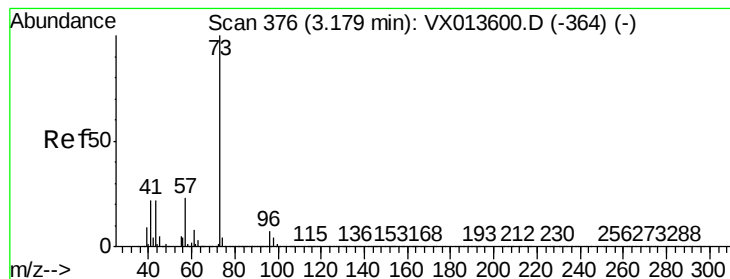
Tot Ion: 76 Resp: 685129
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 54.607 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 43 Resp: 513318
Ion Ratio Lower Upper
43 100
74 23.9 19.5 29.3



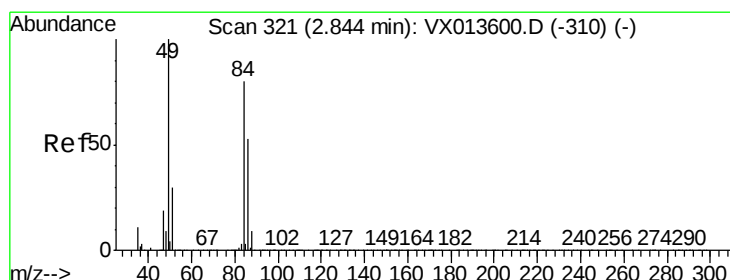
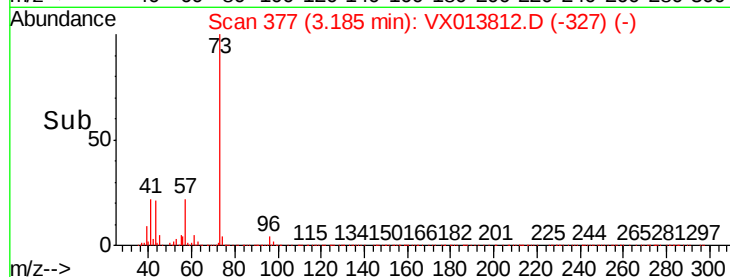
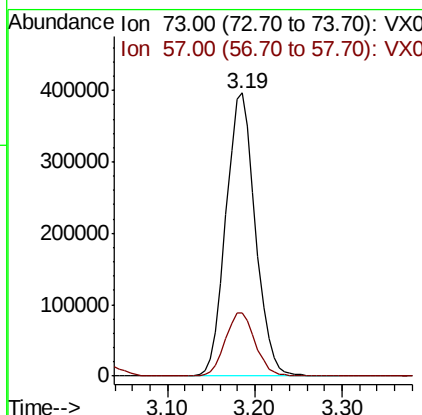
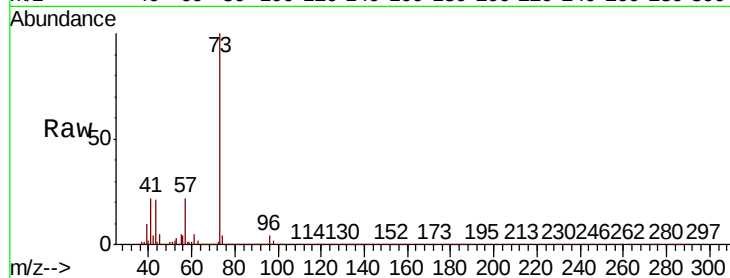


#19

Methyl tert-butyl Ether
 Concen: 49.765 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

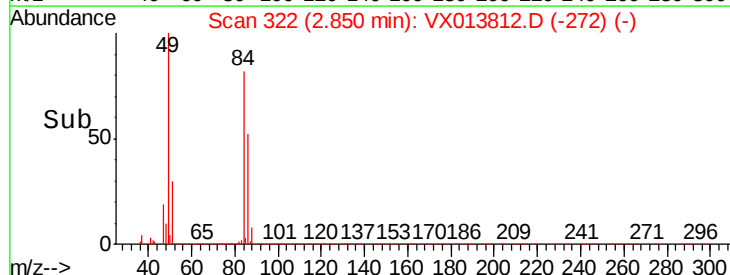
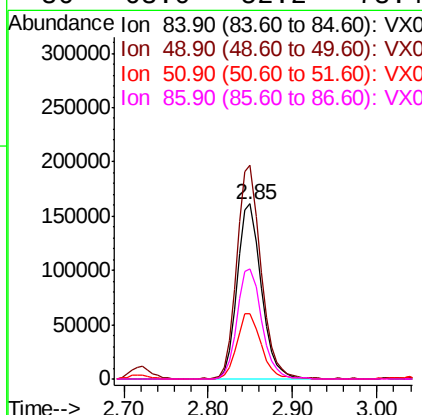
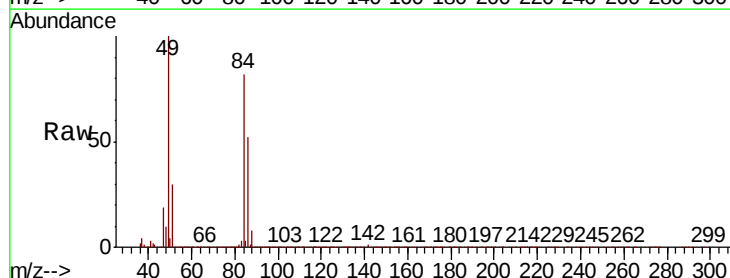
Tot Ion: 73 Resp: 924180
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.3 27.5

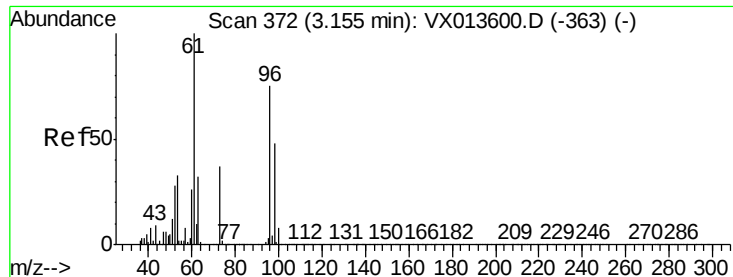


#20

Methylene Chloride
 Concen: 47.598 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion: 84 Resp: 308691
 Ion Ratio Lower Upper
 84 100
 49 121.9 99.7 149.5
 51 37.0 29.9 44.9
 86 63.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.394 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

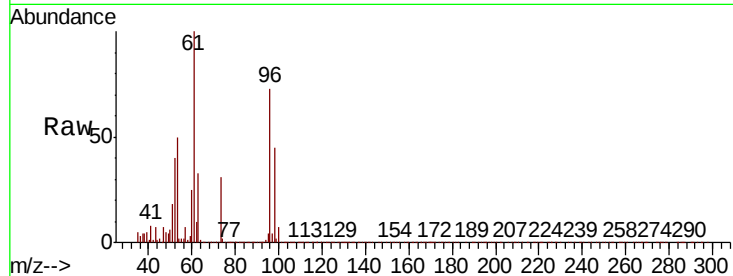
Tot Ion: 96 Resp: 283322

Ion Ratio Lower Upper

96 100

61 137.7 107.2 160.8

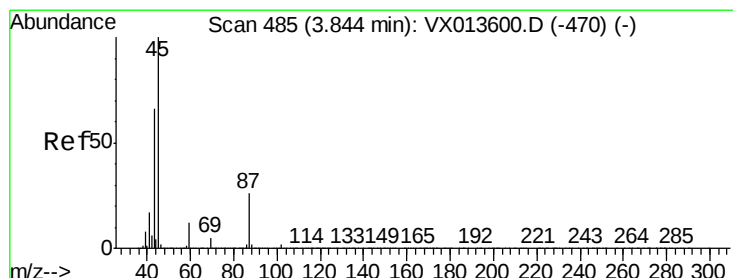
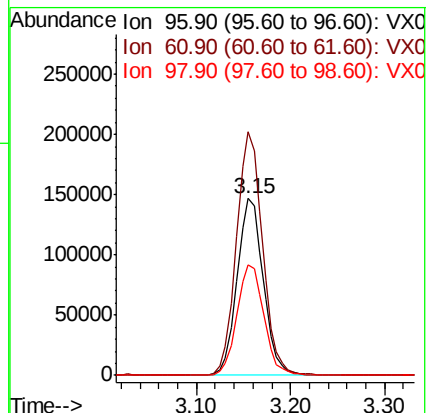
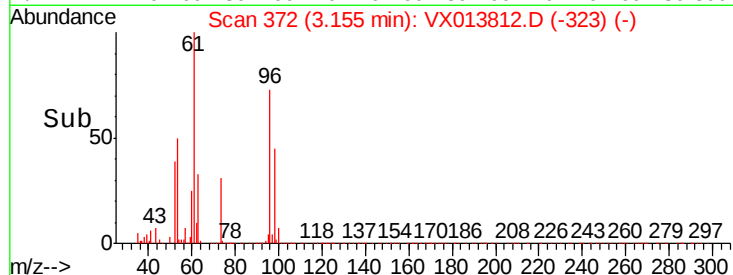
98 62.4 51.4 77.0



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: 50.298 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion: 45 Resp: 985279

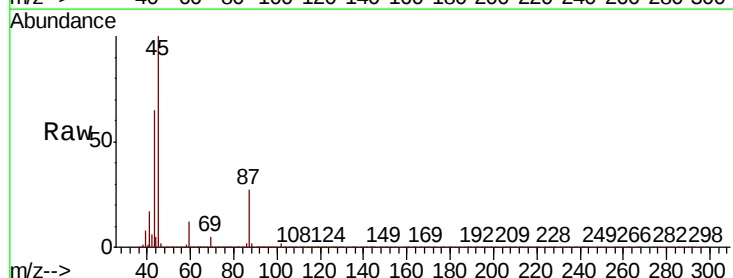
Ion Ratio Lower Upper

45 100

43 65.0 52.6 79.0

87 27.4 21.1 31.7

59 11.6 9.2 13.8

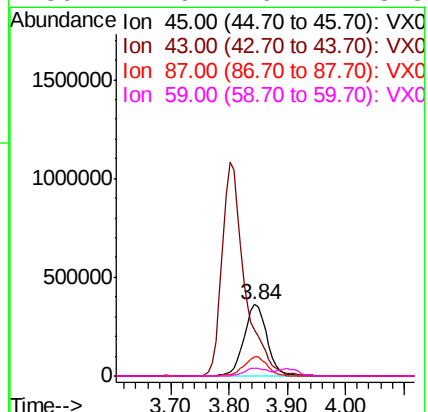
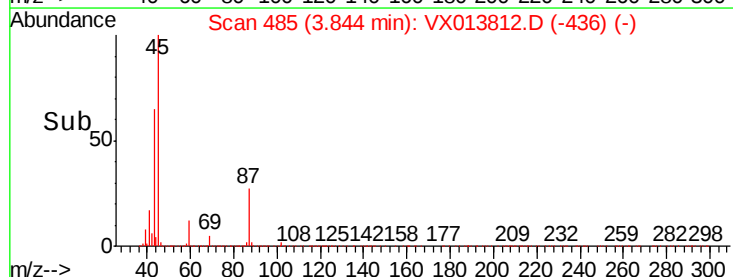


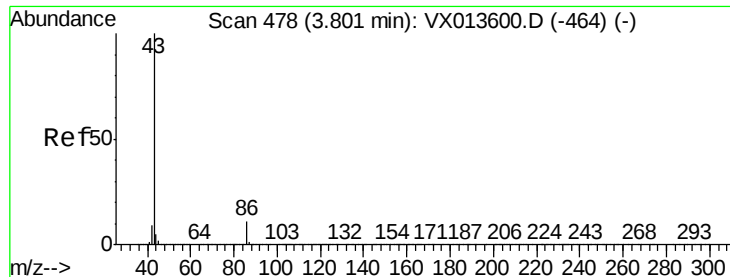
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

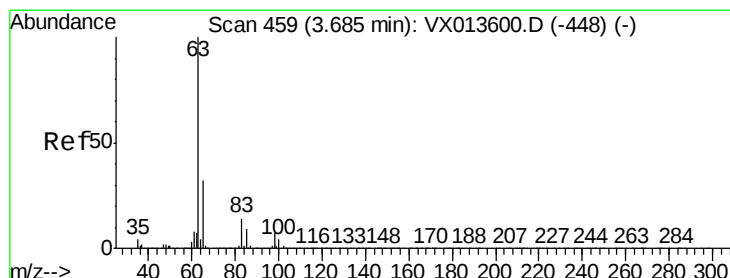
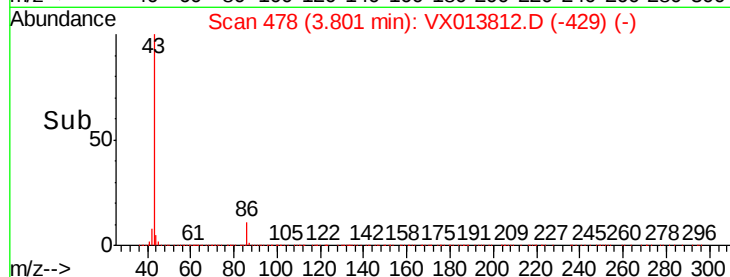
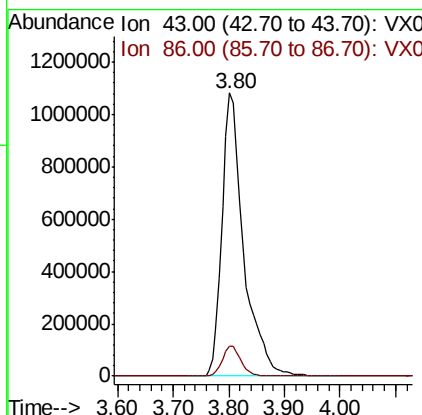
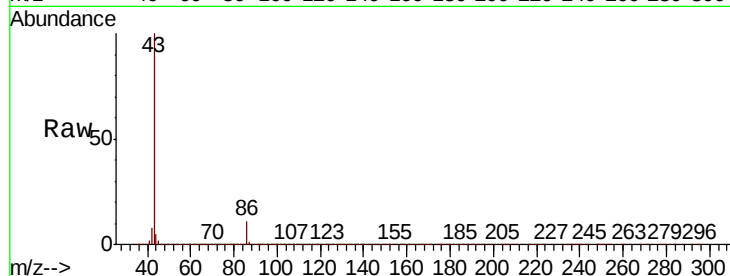




#23
 Vinyl Acetate
 Concen: 179.272 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

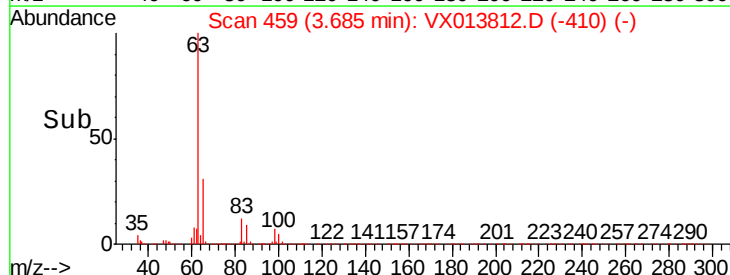
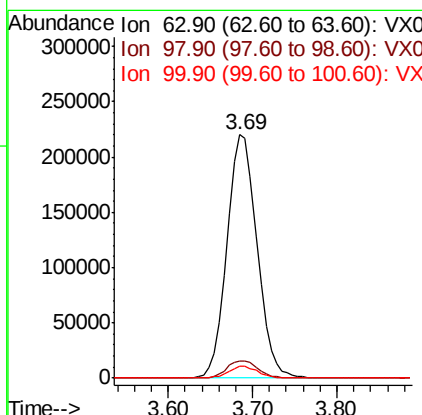
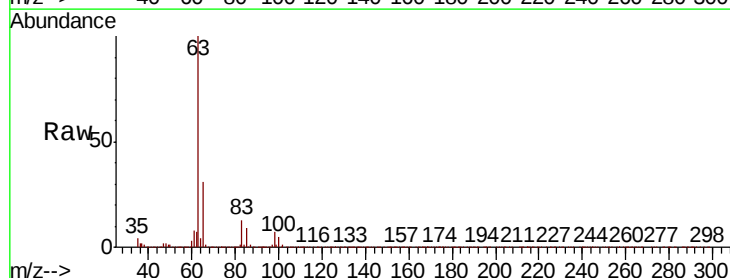
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

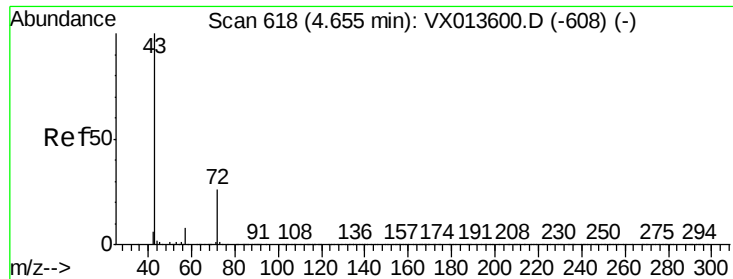
Tot Ion: 43 Resp: 2921367
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 49.812 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion: 63 Resp: 533414
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.9 2.1 6.3

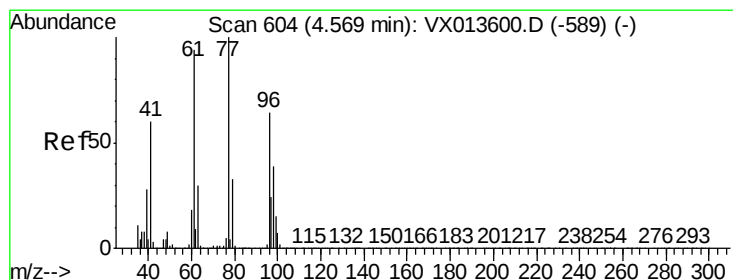
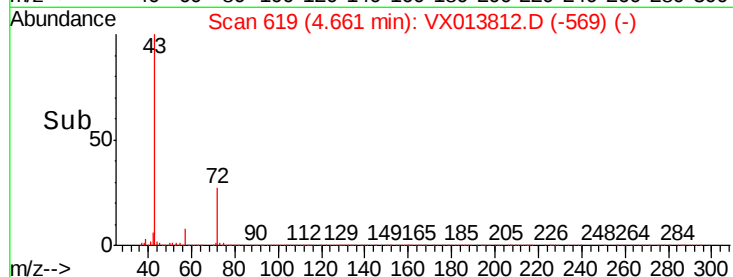
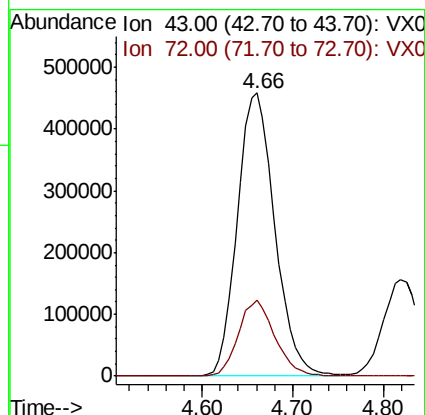
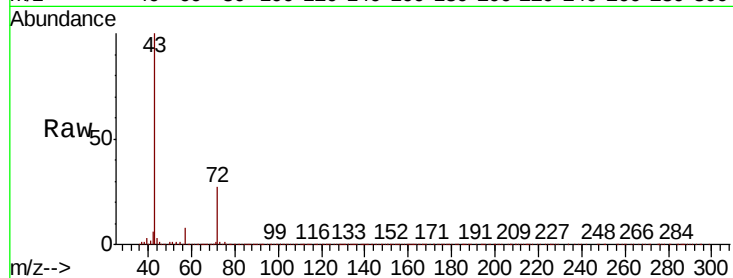




#25
2-Butanone
Concen: 259.273 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

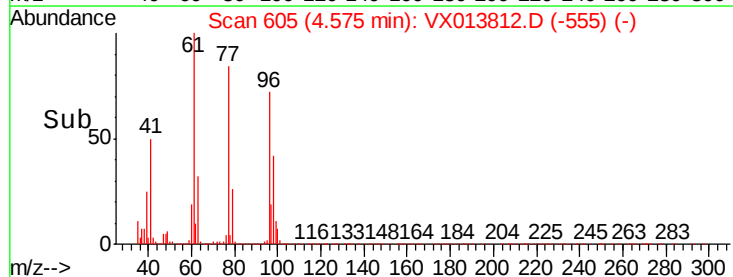
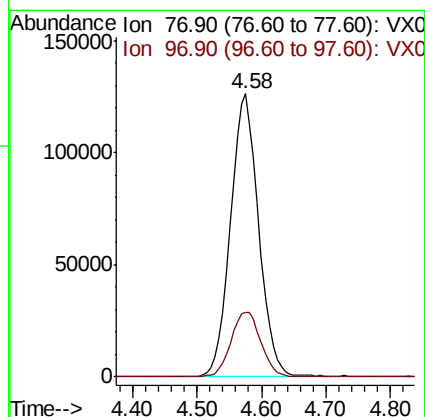
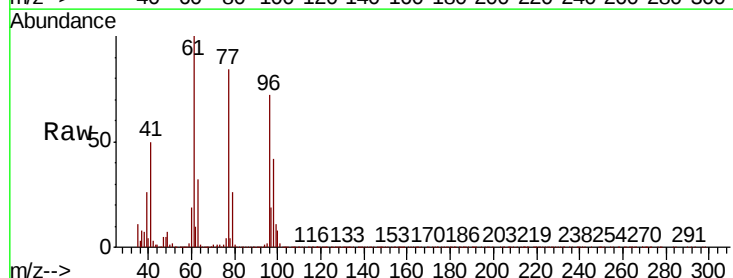
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

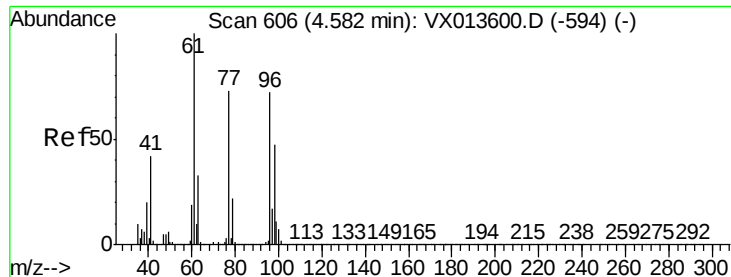
Tot Ion: 43 Resp: 1300780
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 43.243 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 77 Resp: 383127
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1



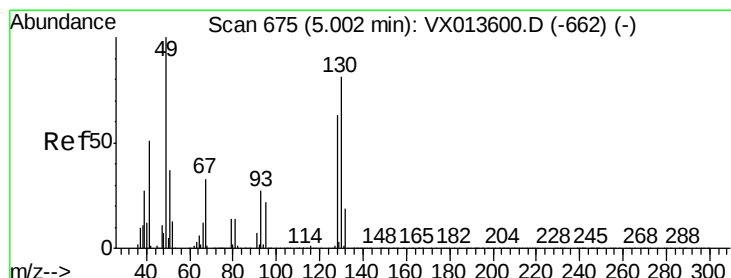
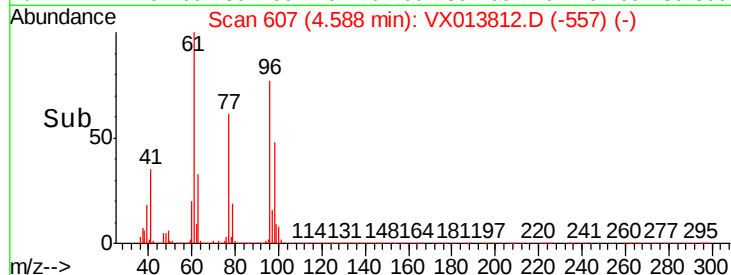
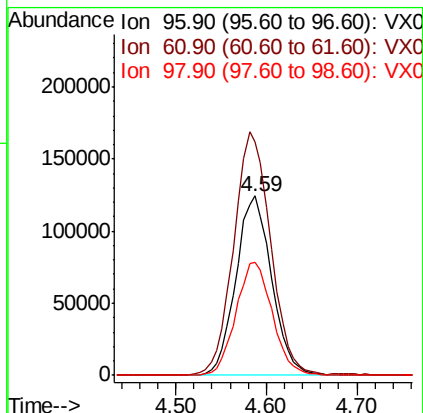
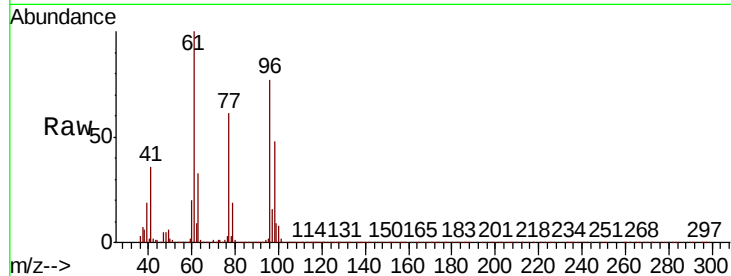


#27

cis-1,2-Dichloroethene
Concen: 48.240 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

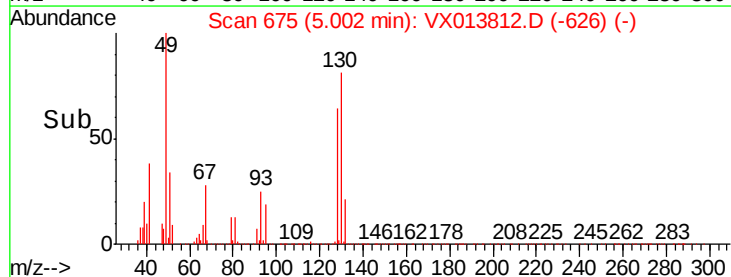
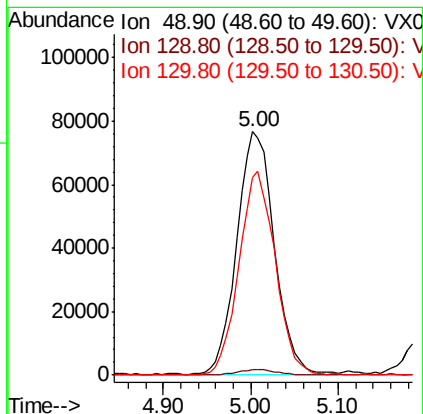
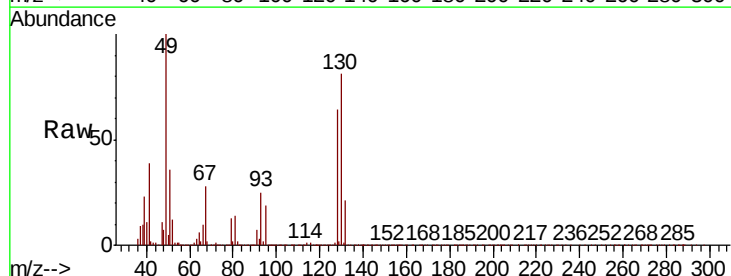
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	286.4
98	64.3	0.0	127.4

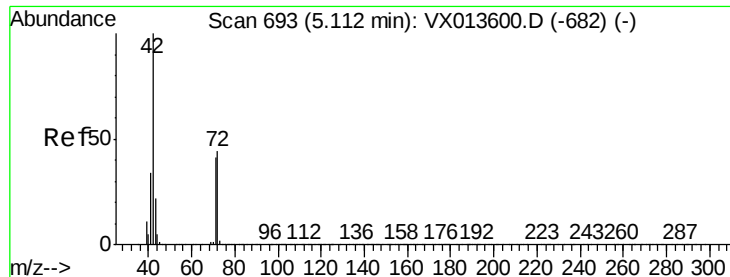


#28

Bromochloromethane
Concen: 53.748 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	81.2	65.4	98.0

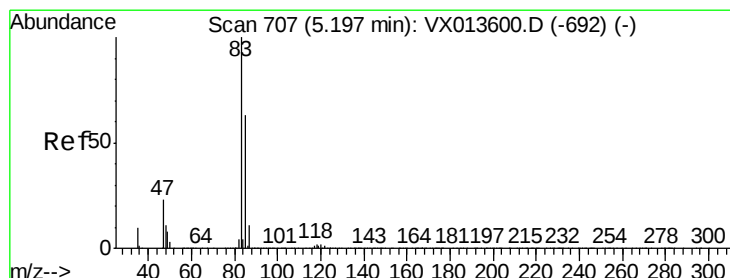
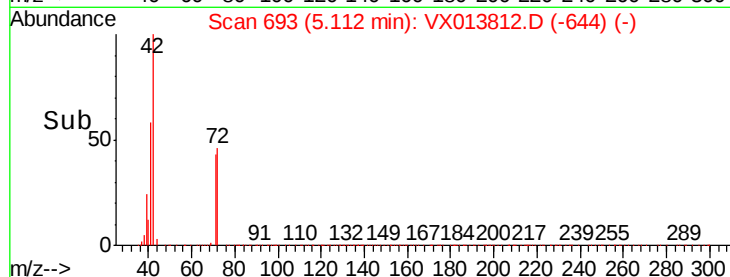
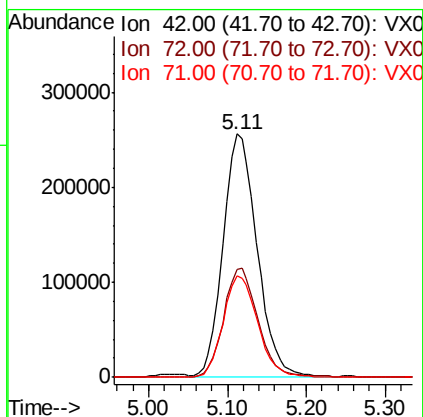
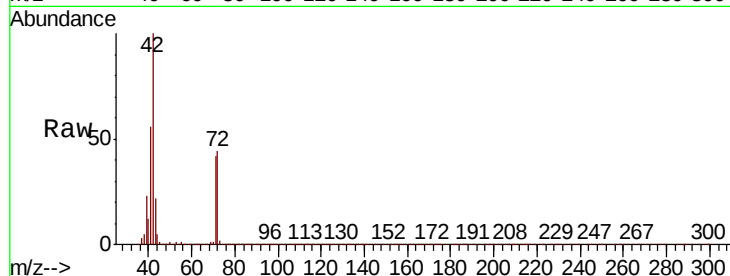




#29
Tetrahydrofuran
Concen: 247.160 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

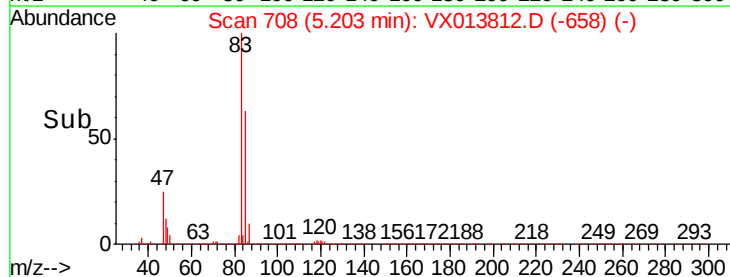
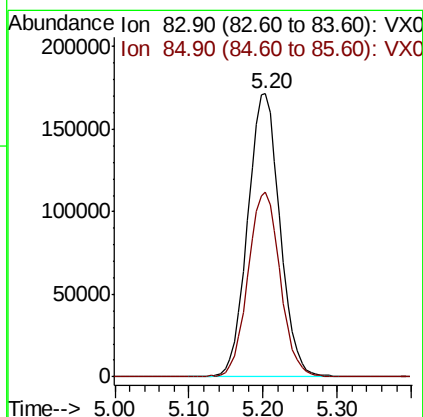
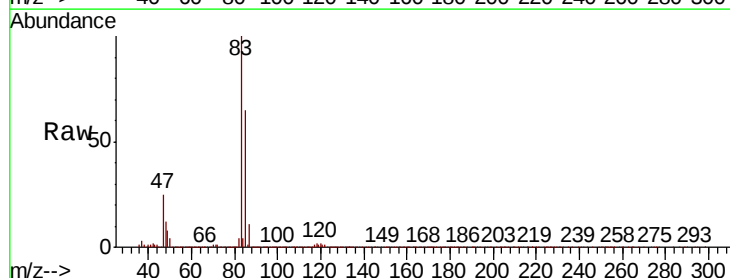
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

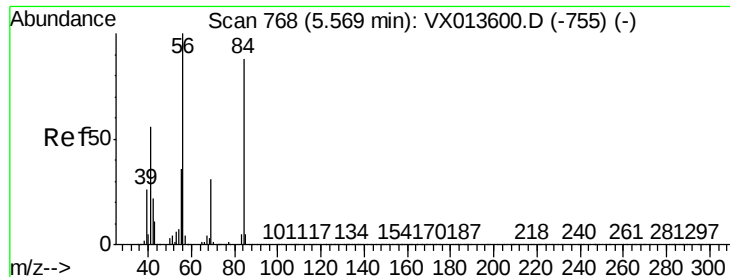
Tot Ion: 42 Resp: 764426
Ion Ratio Lower Upper
42 100
72 45.6 36.3 54.5
71 42.7 33.2 49.8



#30
Chloroform
Concen: 47.872 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 83 Resp: 519892
Ion Ratio Lower Upper
83 100
85 65.1 50.2 75.4

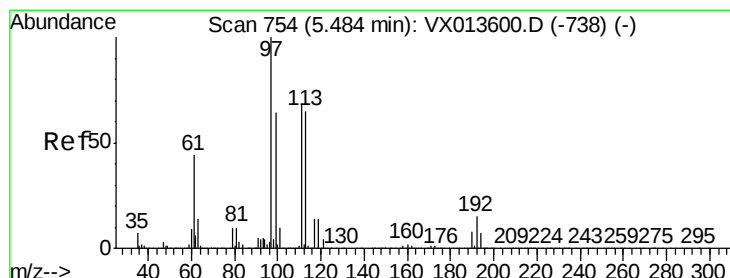
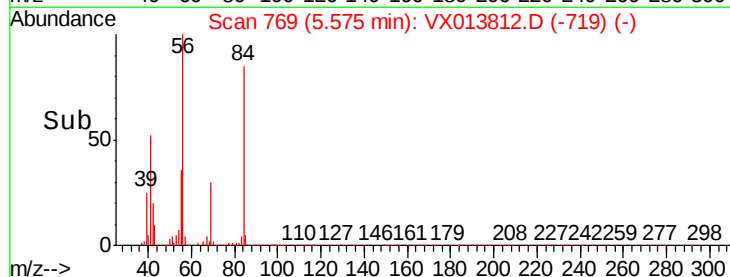
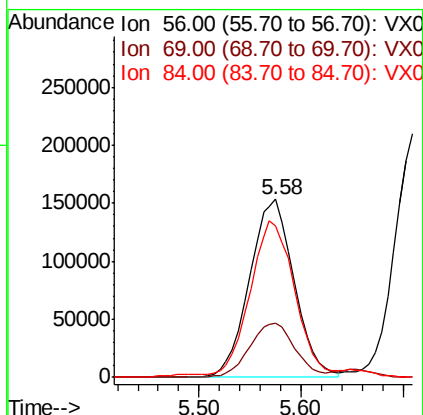
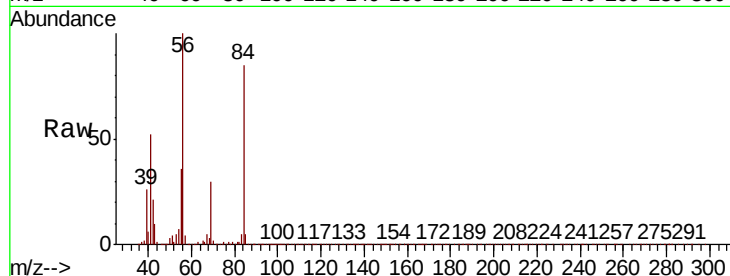




#31
Cyclohexane
Concen: 45.934 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

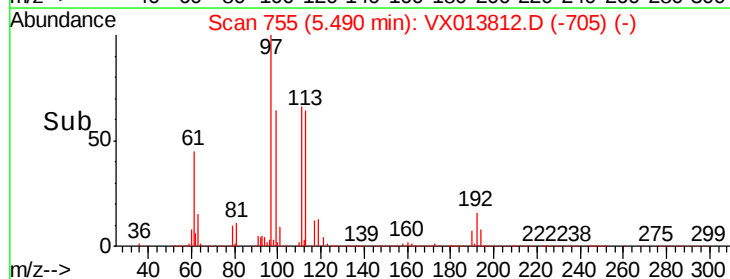
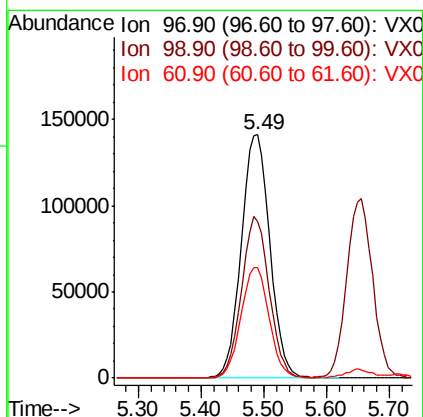
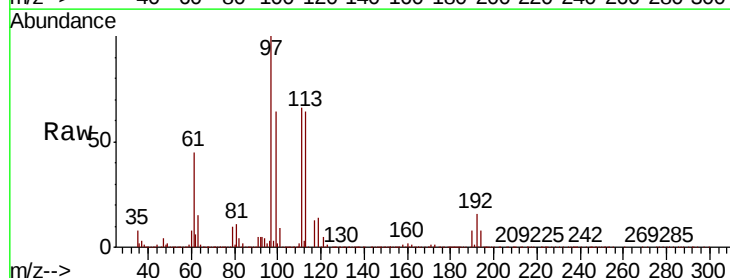
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

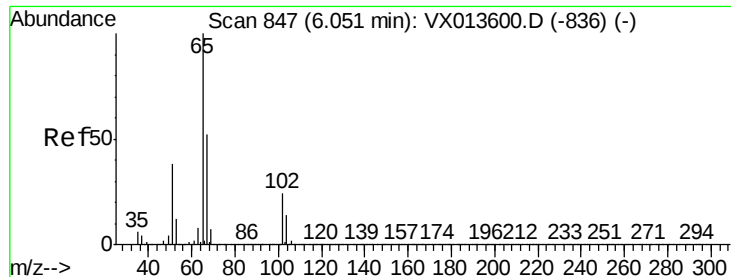
Tot Ion: 56 Resp: 463944
Ion Ratio Lower Upper
56 100
69 30.1 24.6 36.8
84 83.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.900 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 97 Resp: 443787
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 44.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.169 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

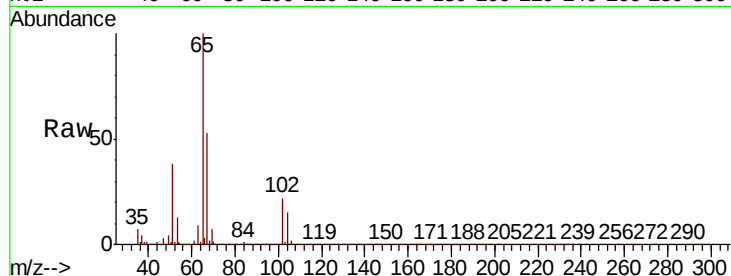
VSTDCCC050

Tot Ion: 65 Resp: 315684

Ion Ratio Lower Upper

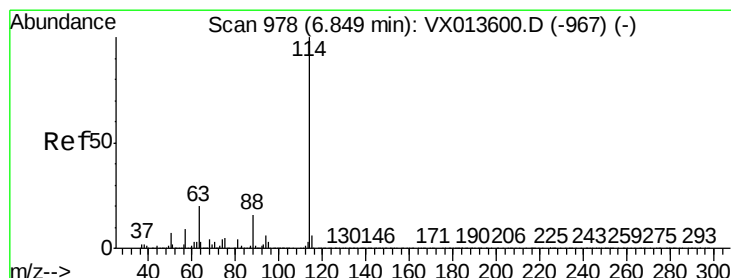
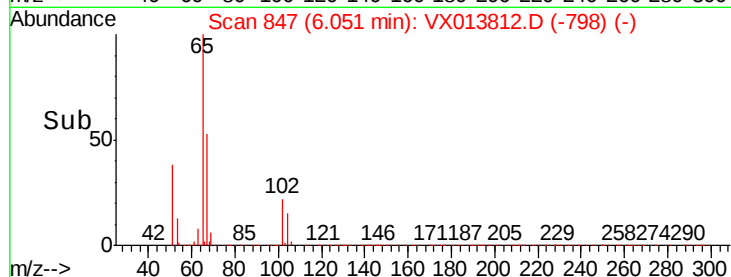
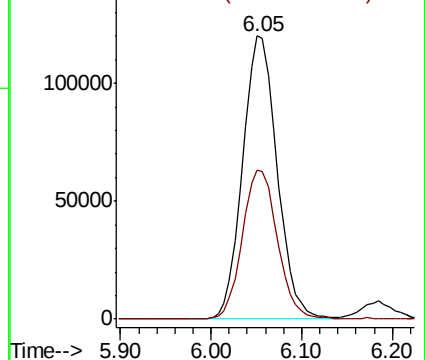
65 100

67 53.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

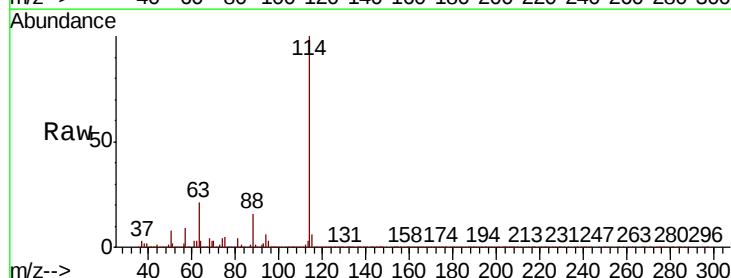
Tgt Ion: 114 Resp: 905448

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

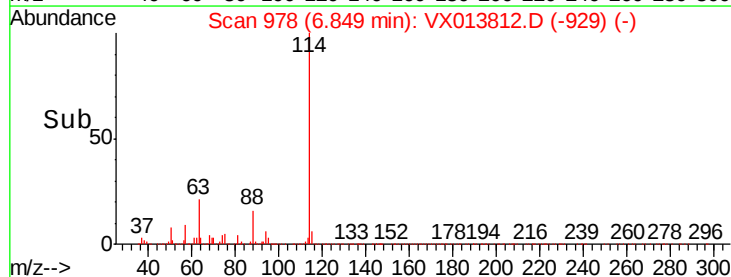
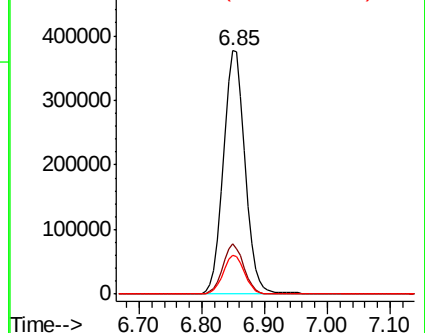
88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

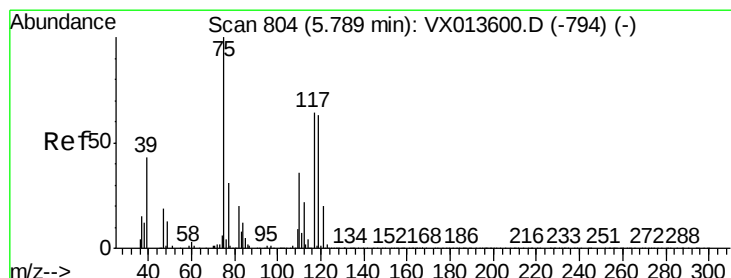
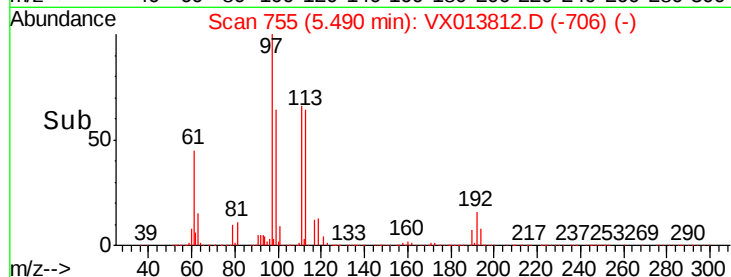
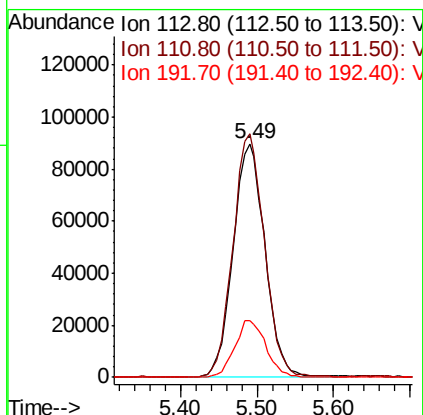
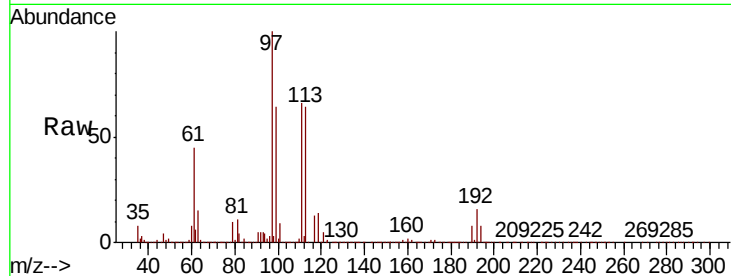




#35
 Dibromofluoromethane
 Concen: 46.239 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

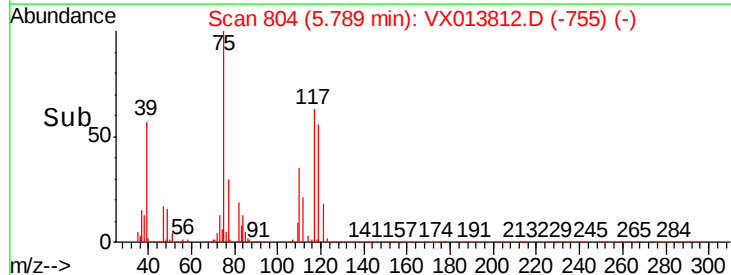
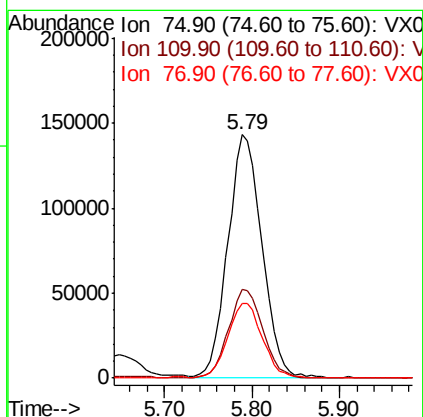
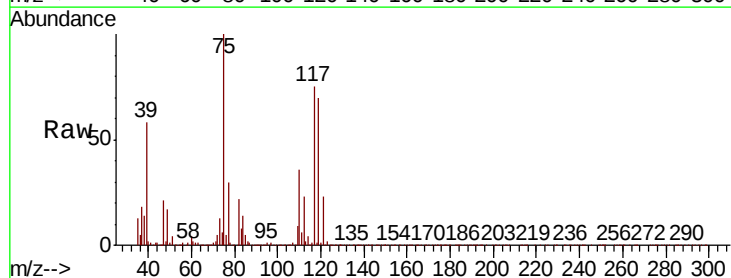
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

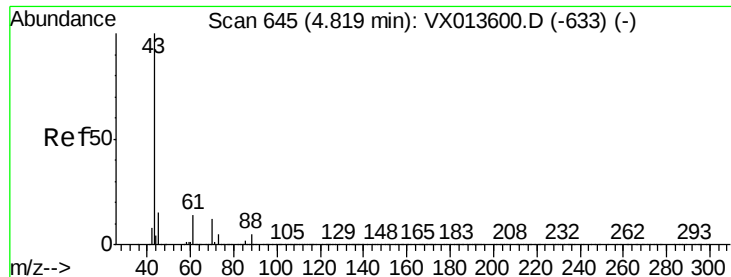
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.6	125.4
192	23.9	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 47.028 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	30.8	24.5	36.7

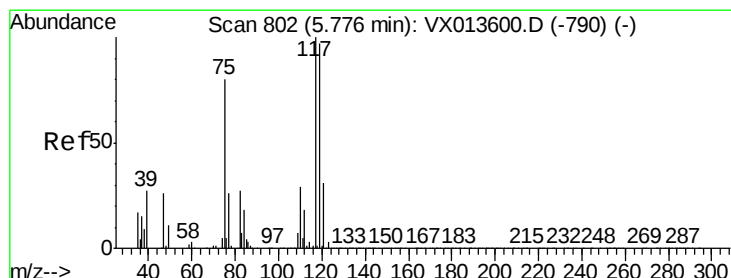
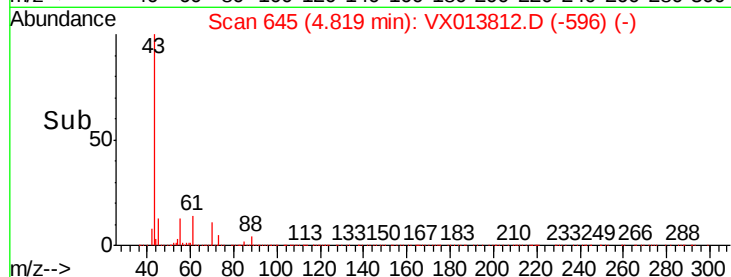
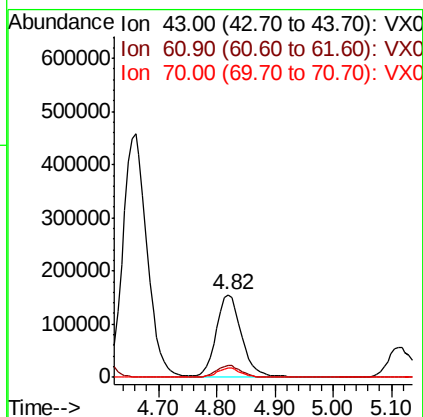
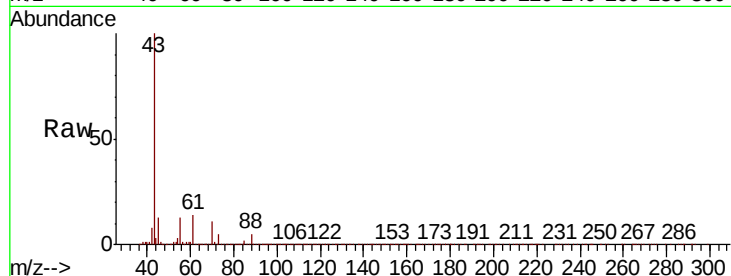




#37
Ethyl Acetate
Concen: 50.131 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

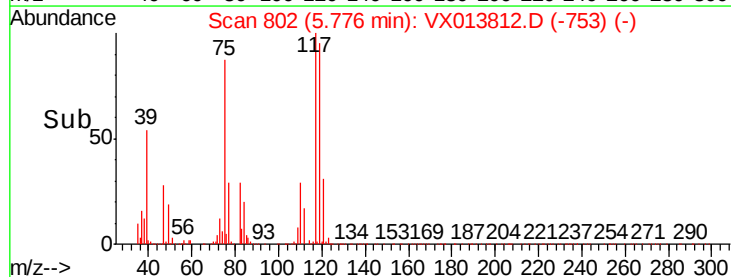
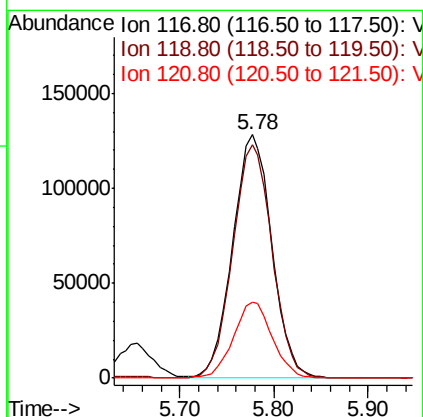
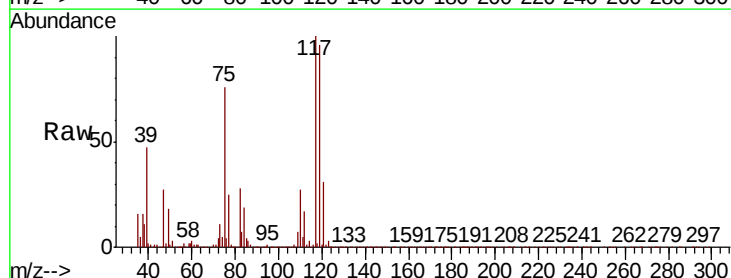
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

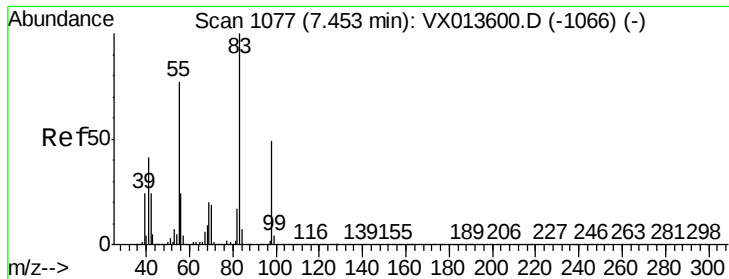
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.1	8.6	12.8



#38
Carbon Tetrachloride
Concen: 49.008 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.5	116.3
121	31.3	25.0	37.6

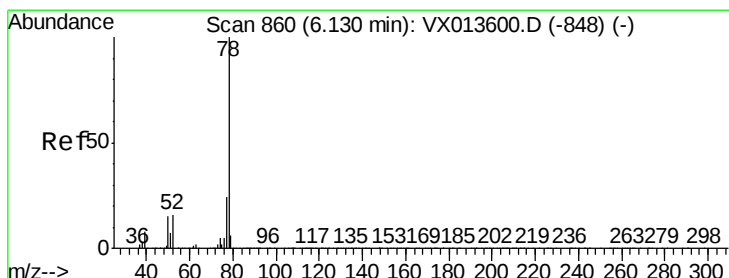
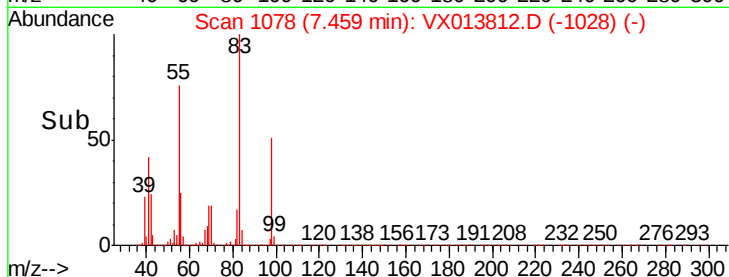
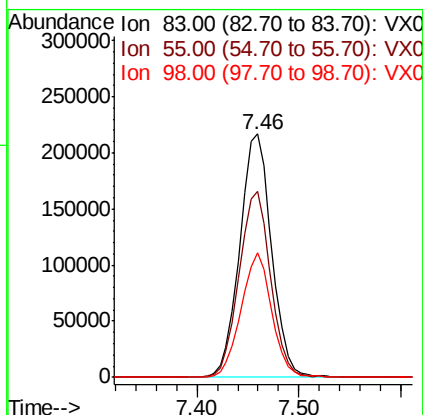
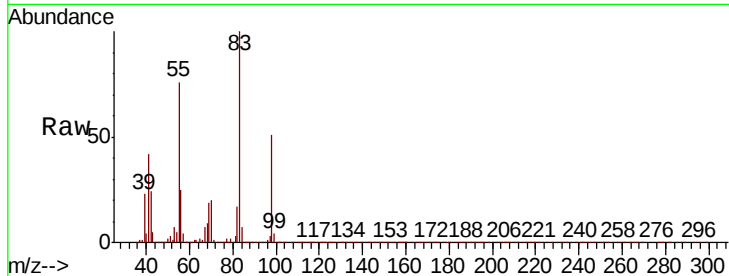




#39
Methvlcvclohexane
Concen: 46.024 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

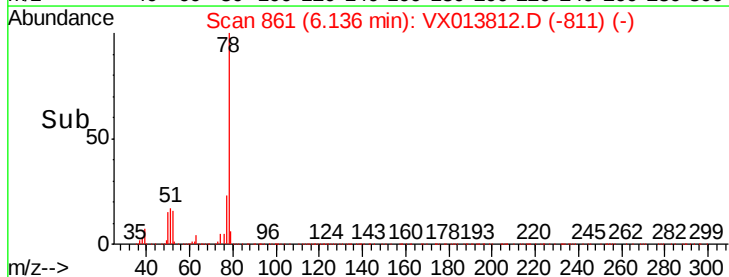
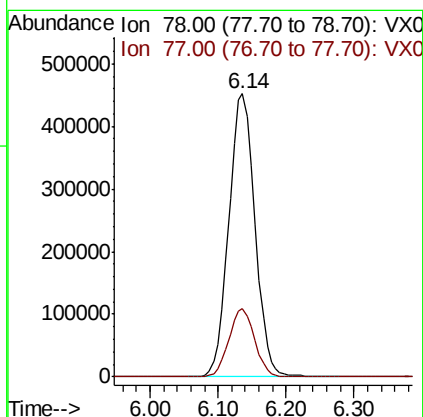
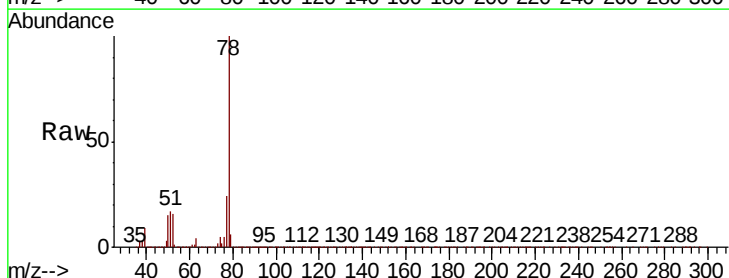
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

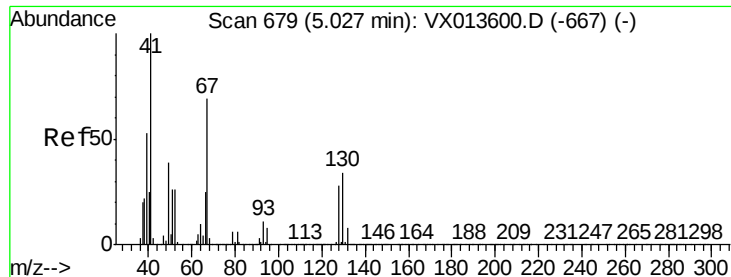
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	61.9	92.9
98	51.0	39.4	59.0



#40
Benzene
Concen: 48.148 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4

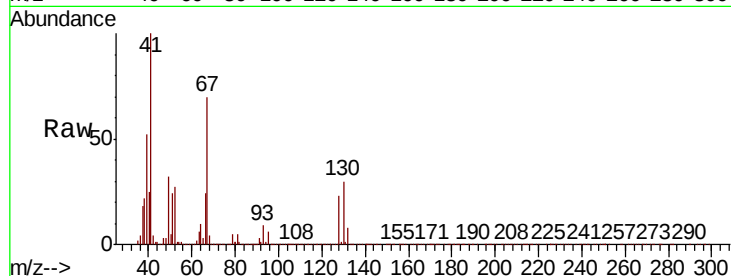




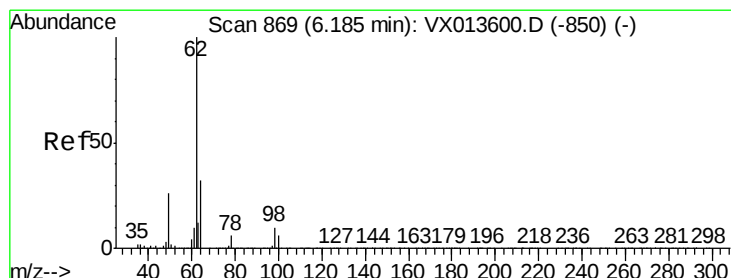
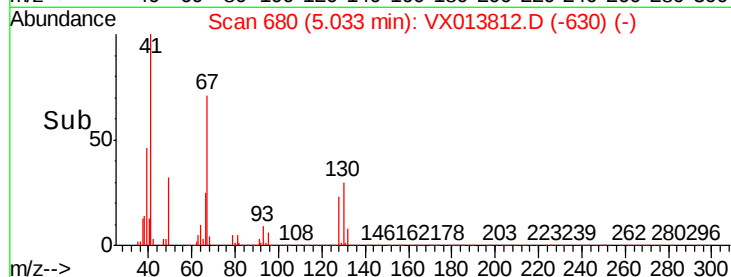
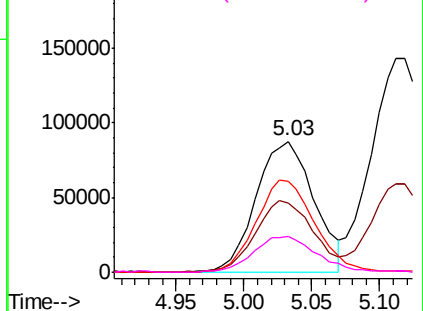
#41
Methacrylonitrile
Concen: 51.174 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	258776
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.9	64.3
67	71.8	57.4	86.0
52	28.8	22.4	33.6

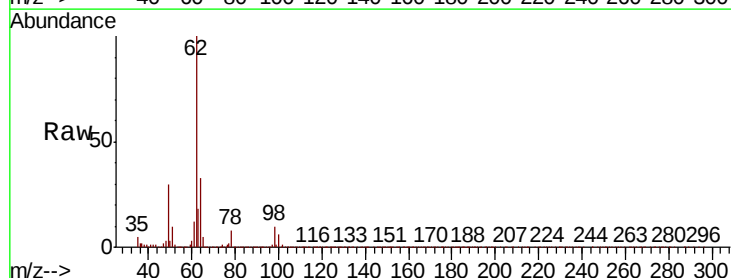


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

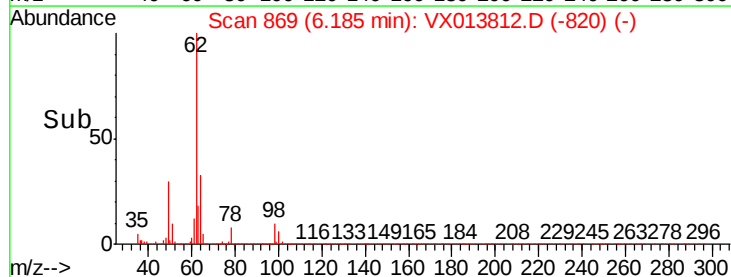
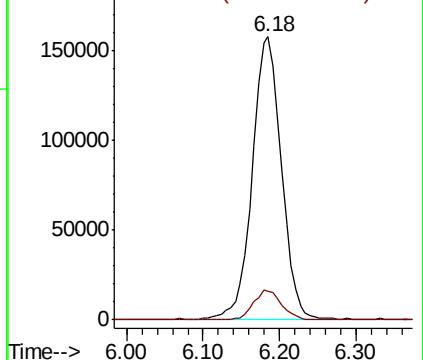


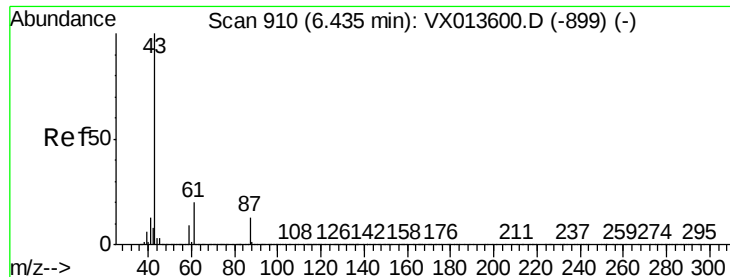
#42
1,2-Dichloroethane
Concen: 48.997 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion:	62	Resp:	418302
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



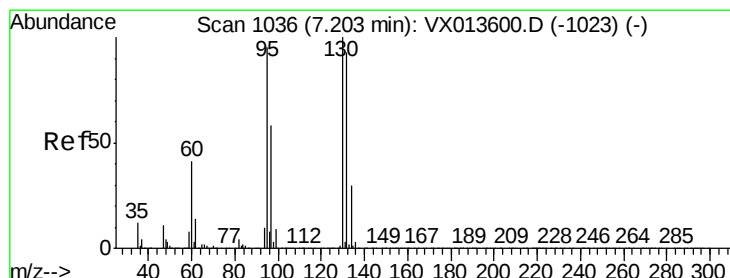
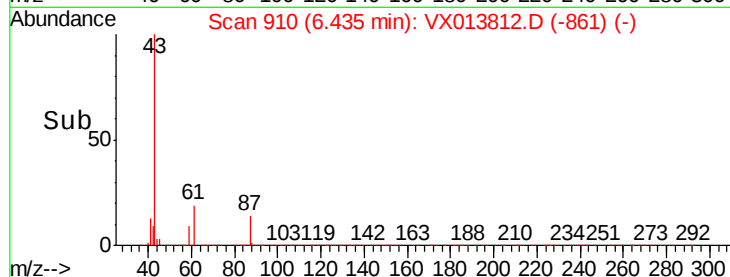
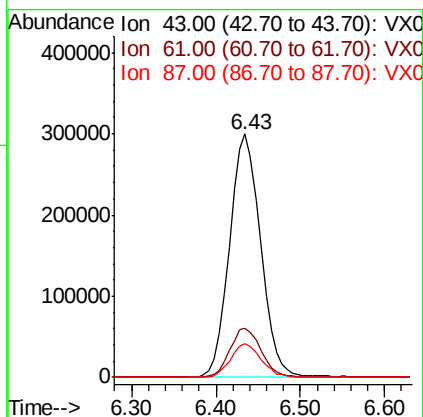
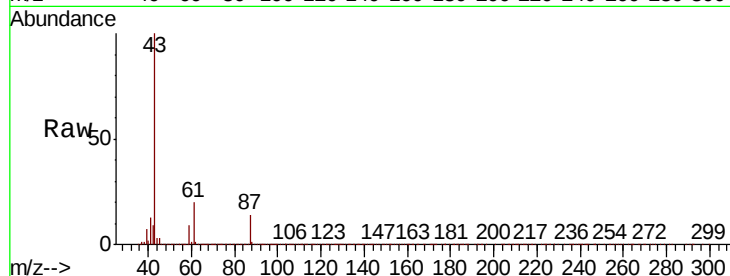


#43

Isopropyl Acetate
 Concen: 49.269 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

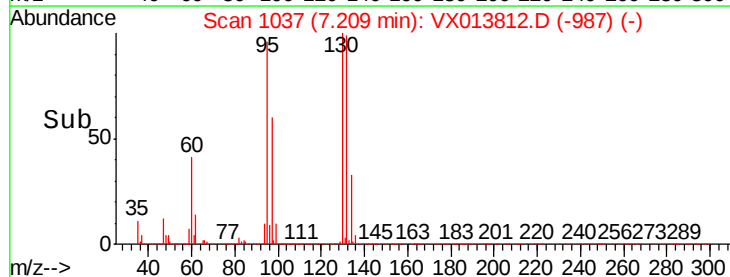
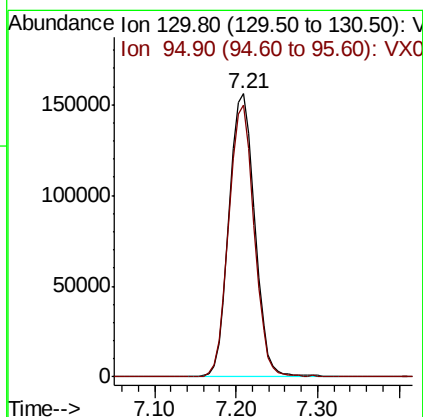
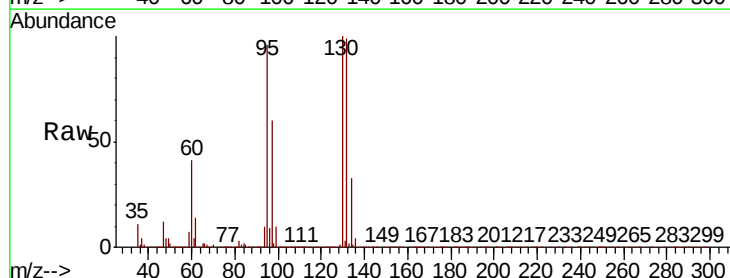
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.7	10.8	16.2

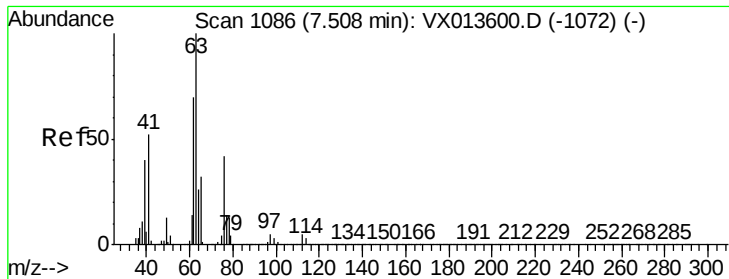


#44

Trichloroethene
 Concen: 49.222 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	190.8

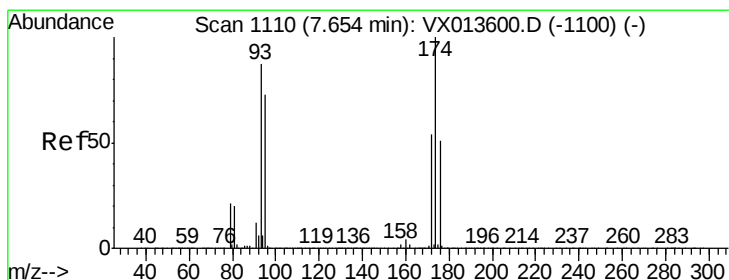
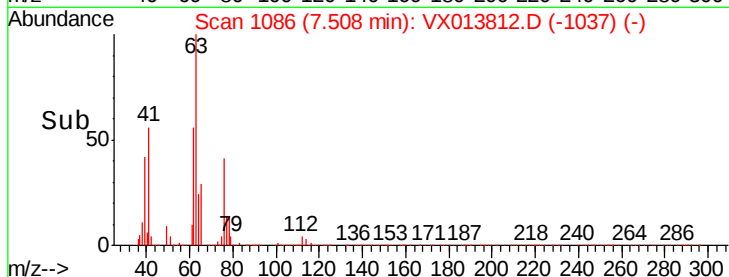
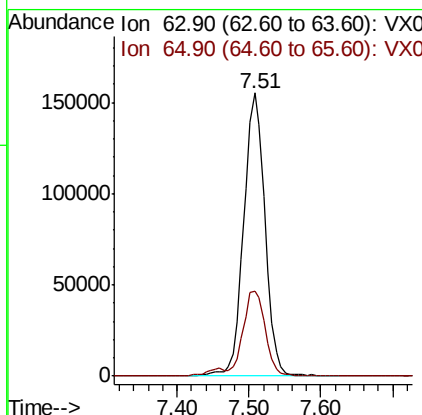
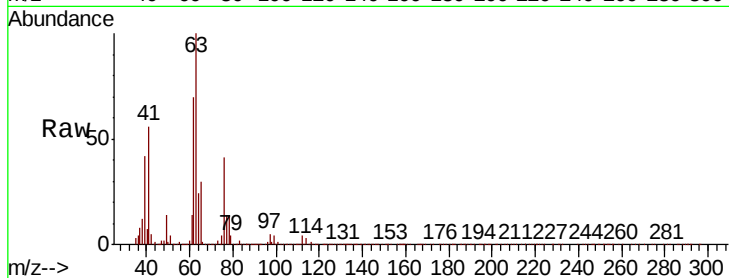




#45
 1,2-Dichloropropane
 Concen: 50.413 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

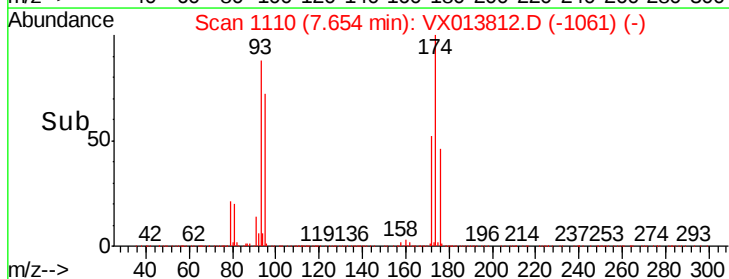
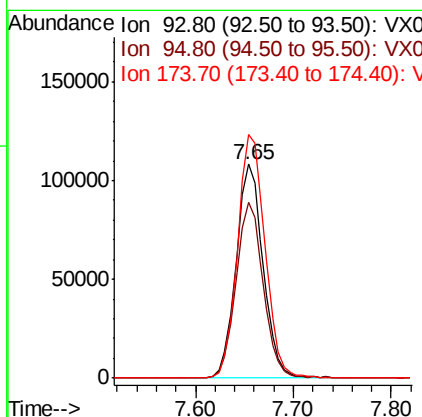
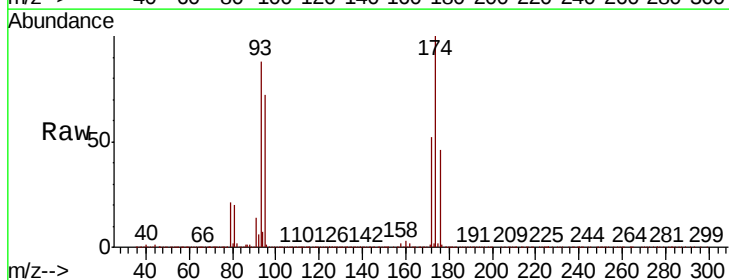
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 315744
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.5 38.3



#46
 Dibromomethane
 Concen: 48.613 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion: 93 Resp: 206790
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.2
 174 116.3 93.4 140.0





#47

Bromodichloromethane

Concen: 50.722 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

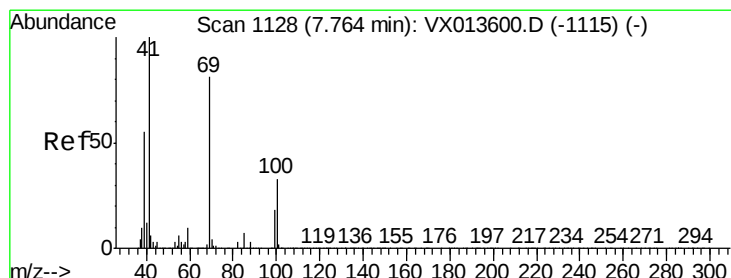
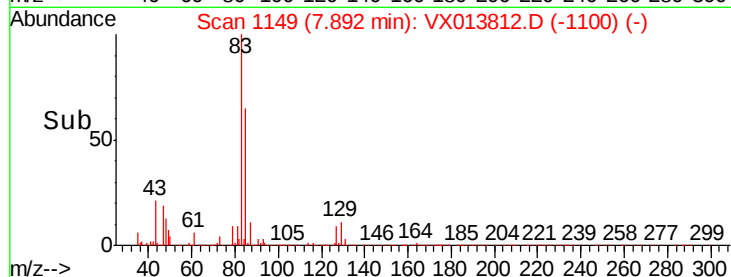
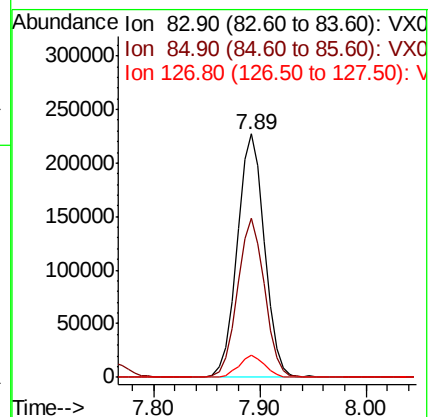
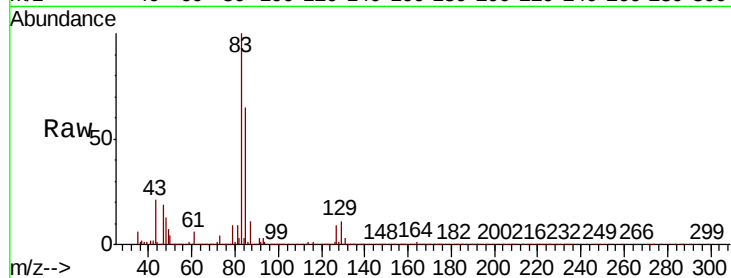
Tot Ion: 83 Resp: 407887

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 50.881 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

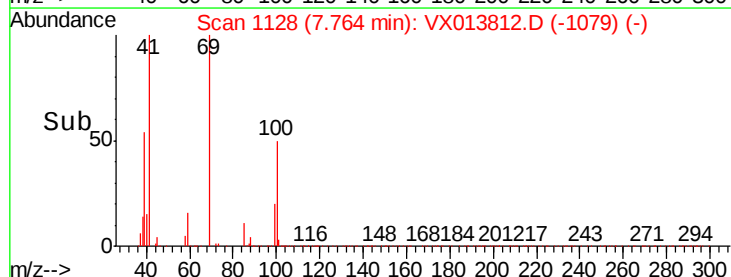
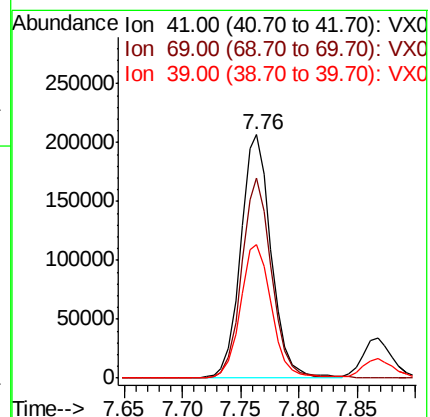
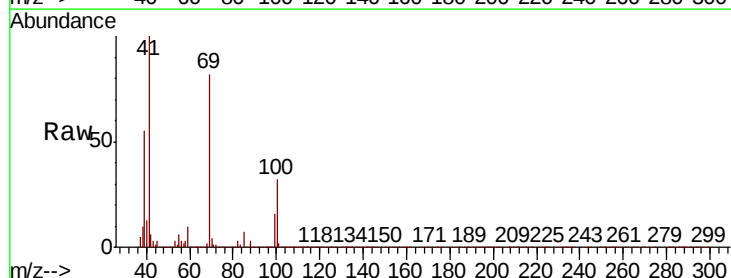
Tgt Ion: 41 Resp: 375285

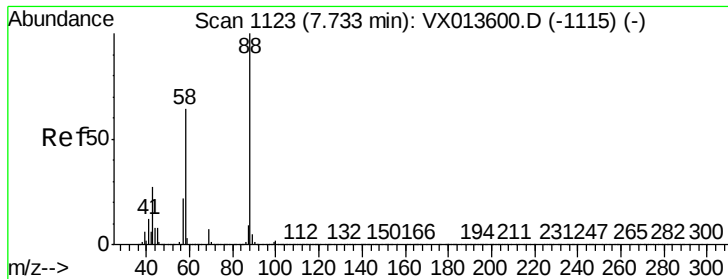
Ion Ratio Lower Upper

41 100

69 81.4 64.7 97.1

39 55.4 43.8 65.6





#49

1,4-Dioxane

Concen: 830.771 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

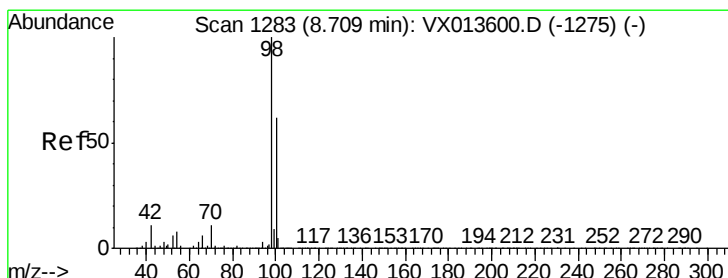
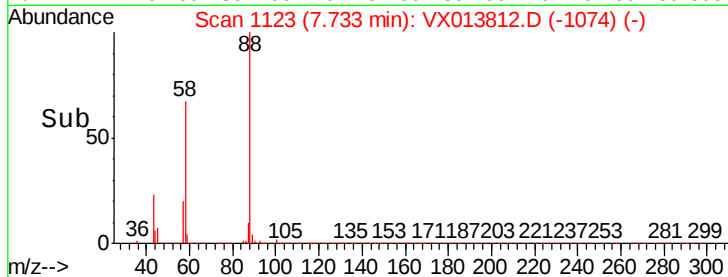
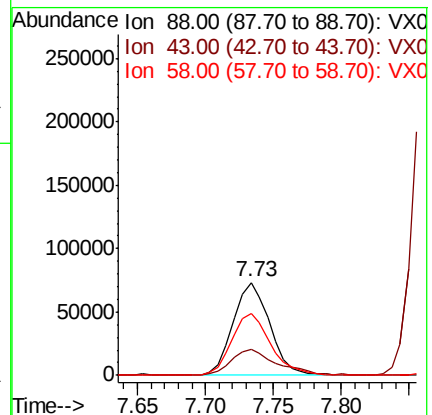
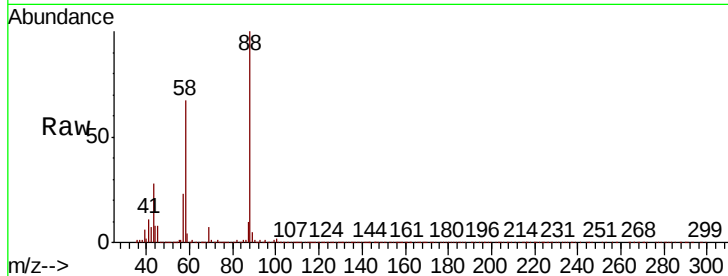
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 137157

Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.8	38.6
58	70.8	54.6	82.0



#50

Toluene-d8

Concen: 45.452 ug/l

RT: 8.71 min Scan# 1283

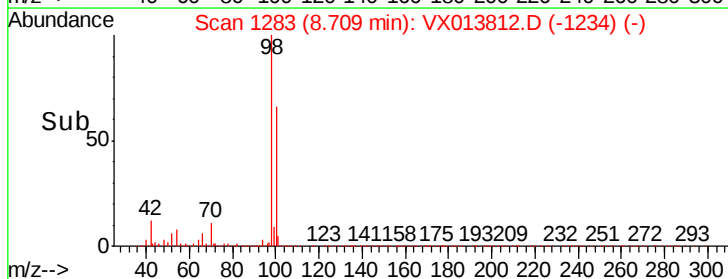
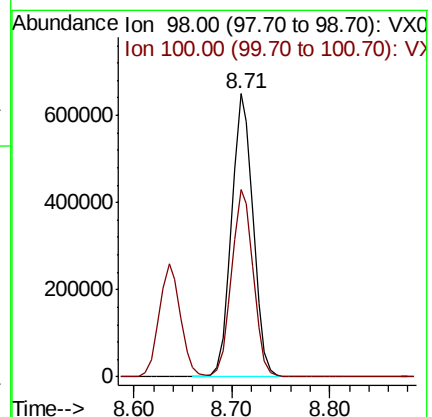
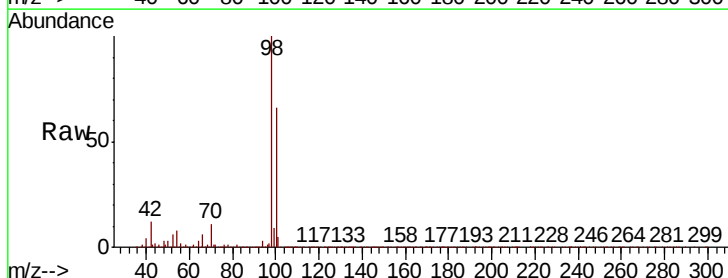
Delta R.T. -0.00 min

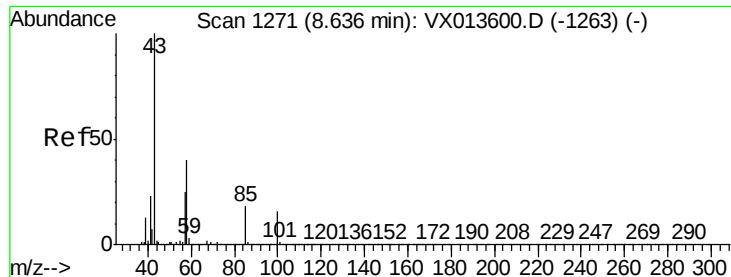
Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion: 98 Resp: 991262

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 250.376 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

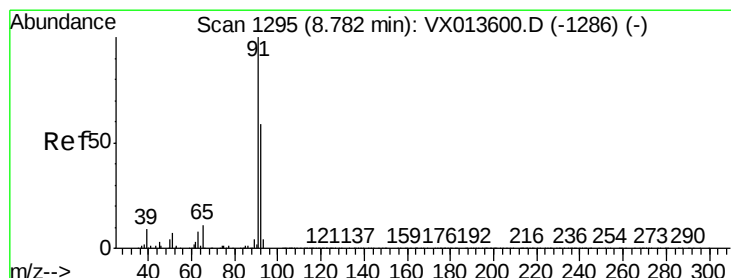
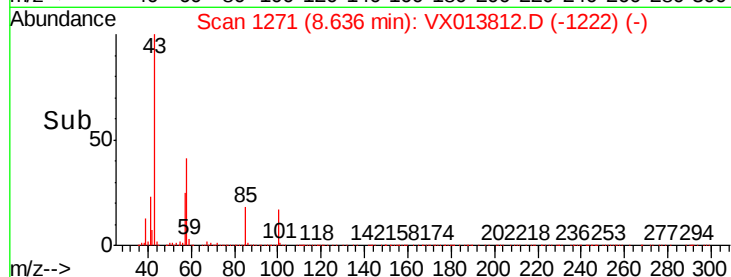
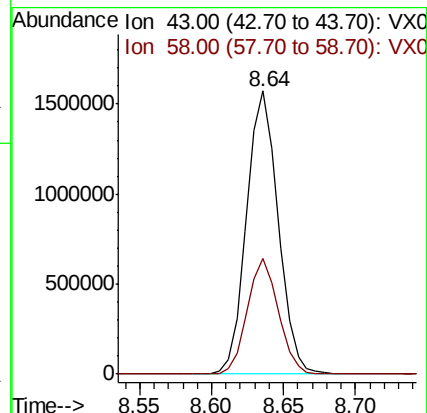
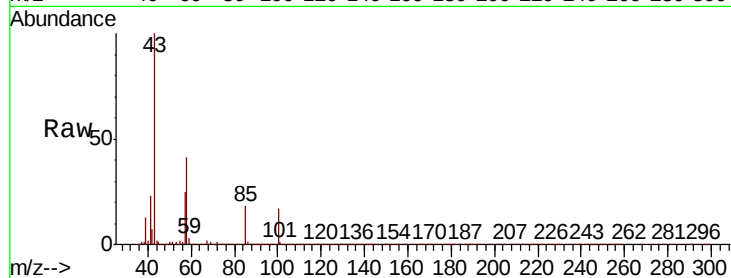
VSTDCCC050

Tot Ion: 43 Resp: 2390757

Ion Ratio Lower Upper

43 100

58 40.2 32.1 48.1



#52

Toluene

Concen: 48.844 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013812.D

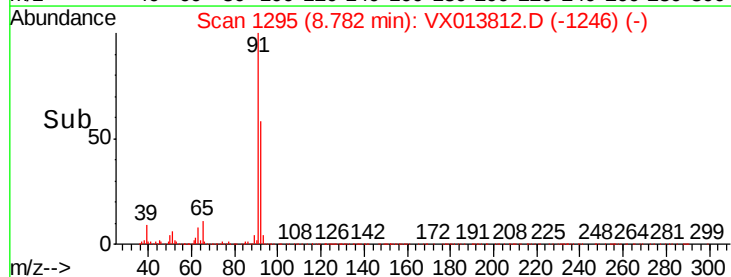
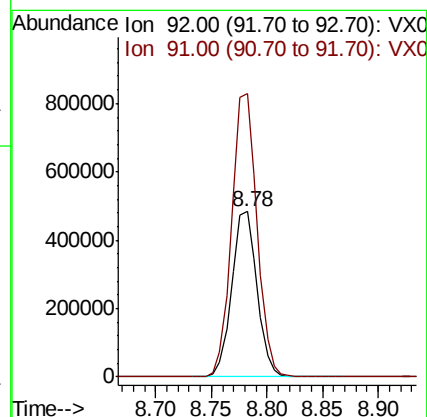
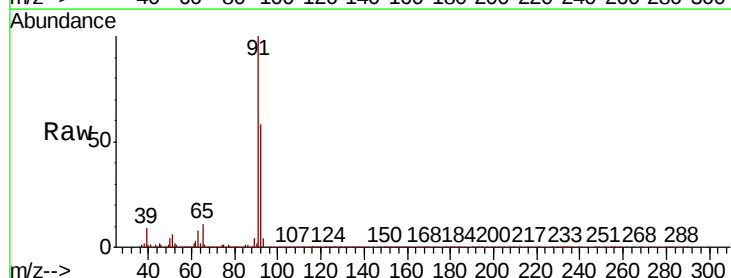
Acq: 06 Dec 2019 20:31

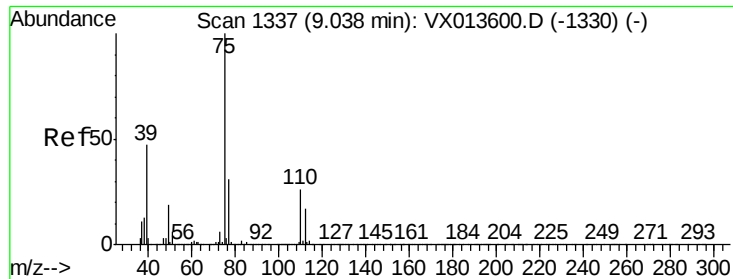
Tgt Ion: 92 Resp: 759596

Ion Ratio Lower Upper

92 100

91 171.5 136.2 204.2

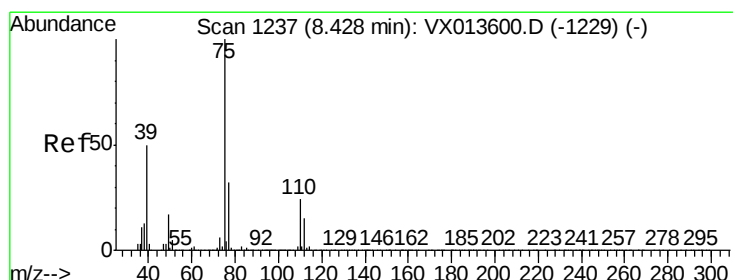
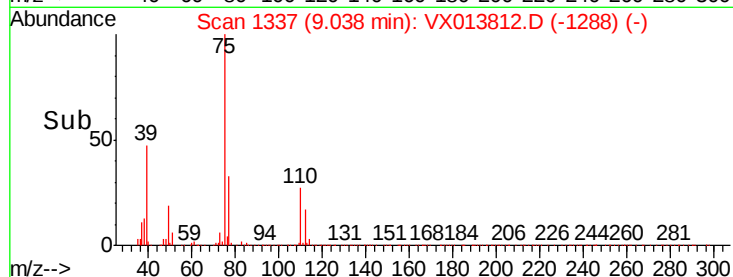
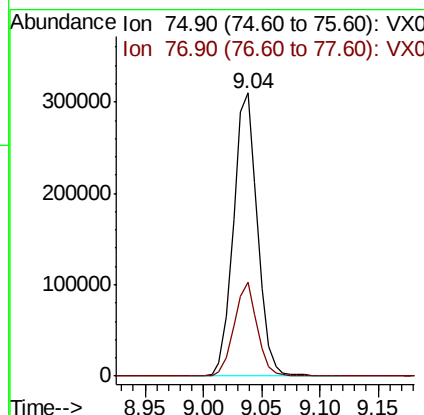
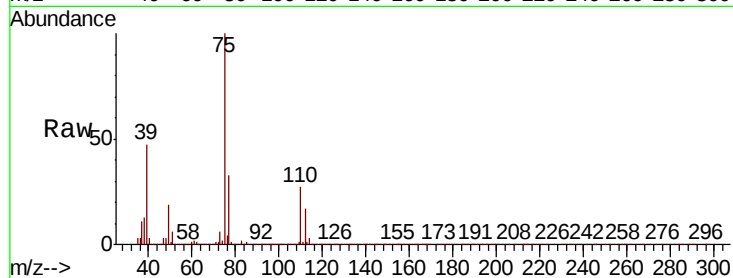




#53
t-1,3-Dichloropropene
Concen: 48.558 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

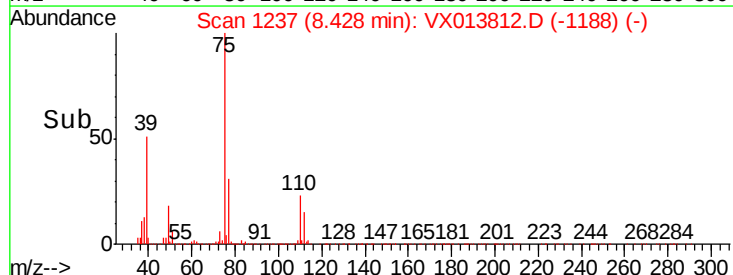
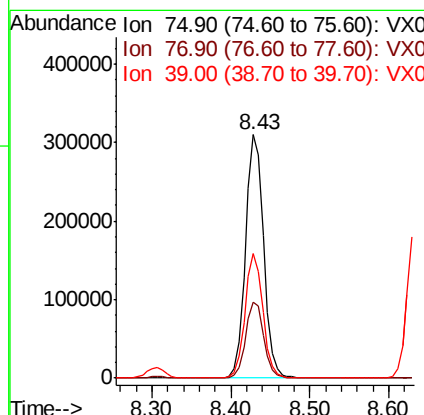
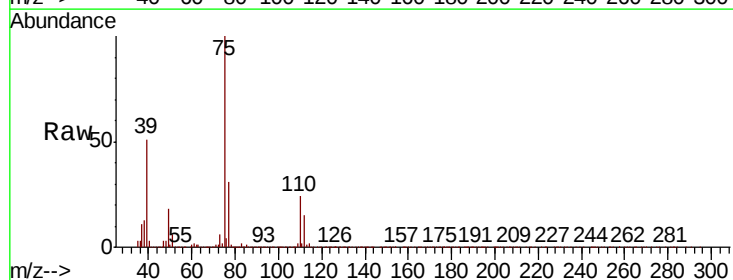
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

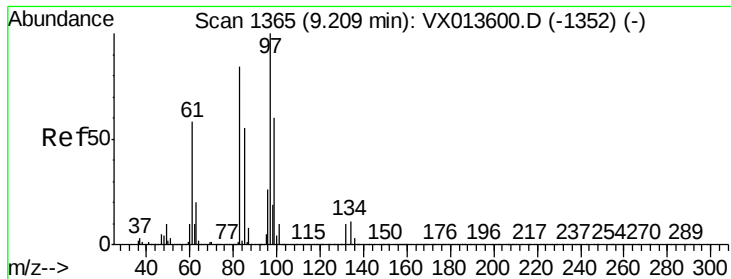
Tot Ion: 75 Resp: 444472
Ion Ratio Lower Upper
75 100
77 33.1 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 49.254 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 75 Resp: 492553
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6
39 51.3 39.9 59.9

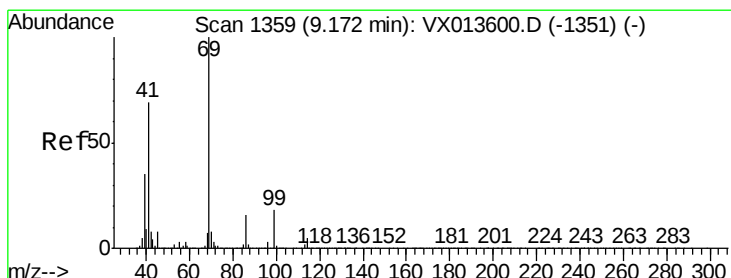
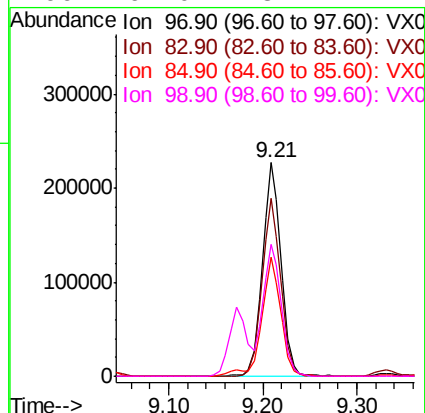
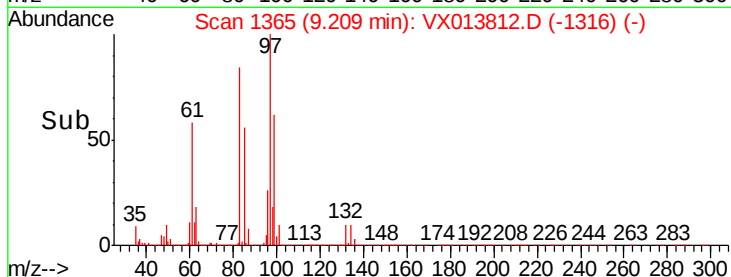
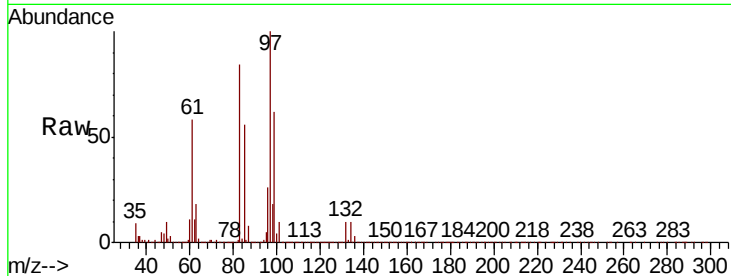




#55
 1,1,2-Trichloroethane
 Concen: 50.346 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

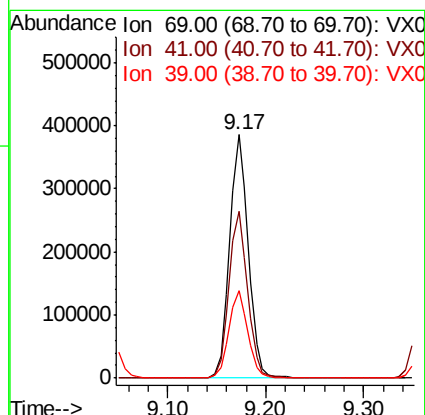
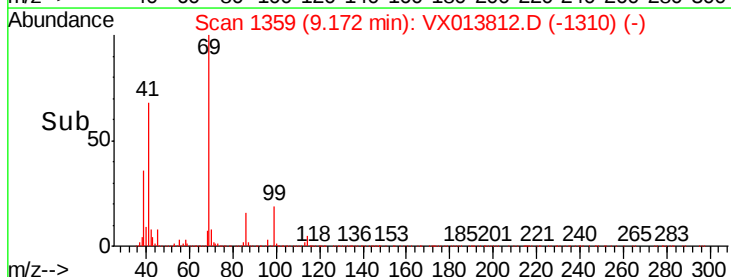
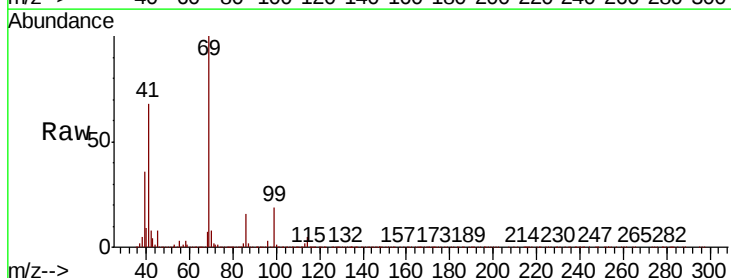
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

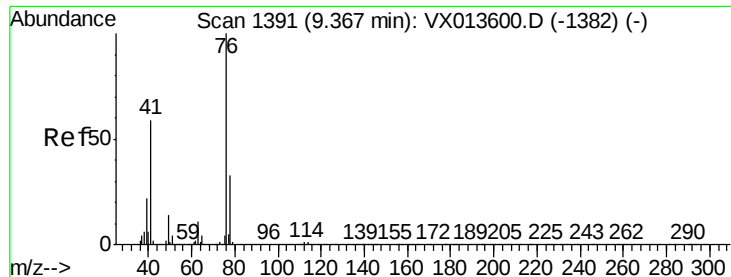
Tot Ion:	97	Resp:	315515
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.3	100.9
85	55.7	43.6	65.4
99	62.0	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 50.562 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion:	69	Resp:	509446
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.0	82.4
39	36.3	28.7	43.1





#57

1,3-Dichloropropane

Concen: 49.225 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

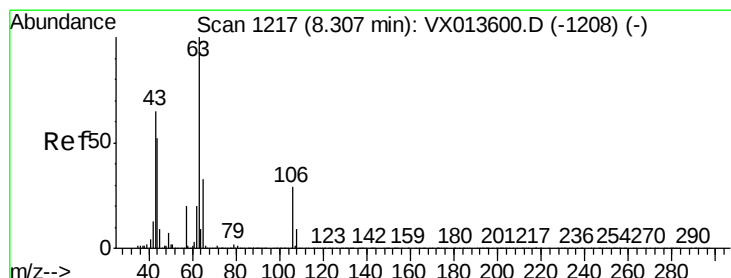
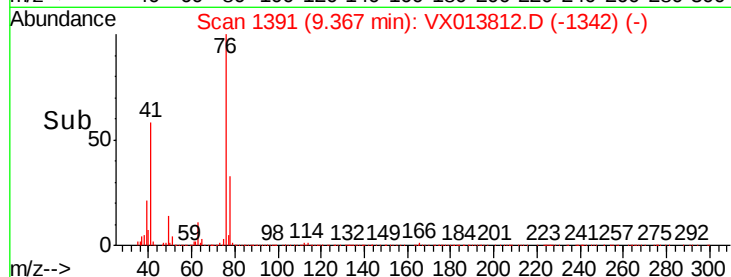
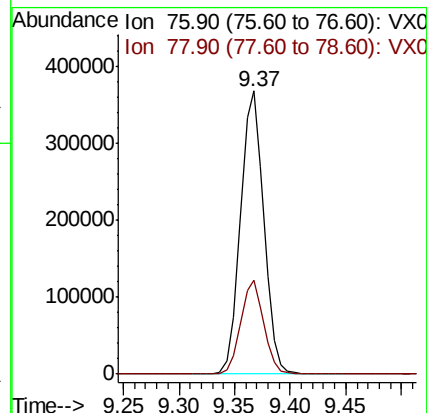
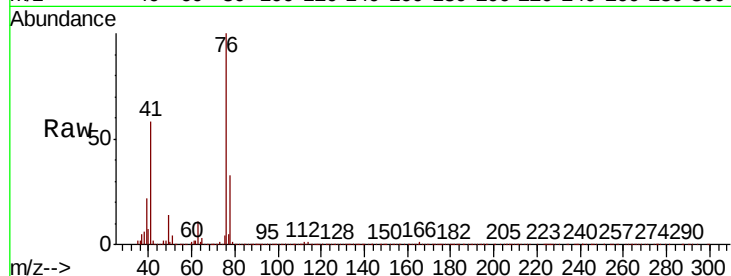
VSTDCCC050

Tot Ion: 76 Resp: 531731

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 246.227 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013812.D

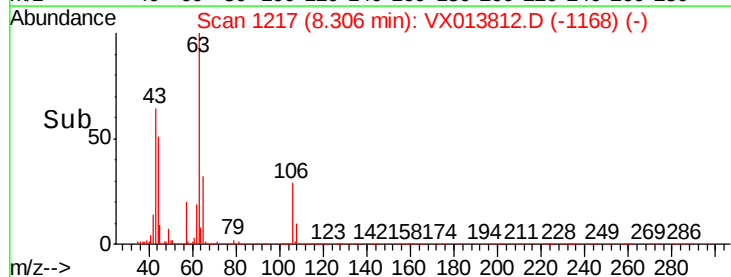
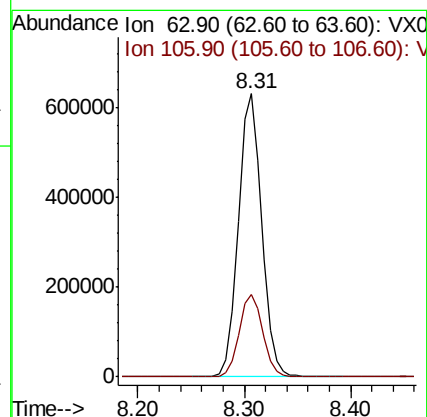
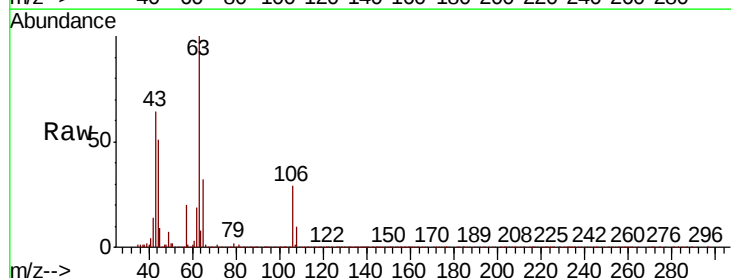
Acq: 06 Dec 2019 20:31

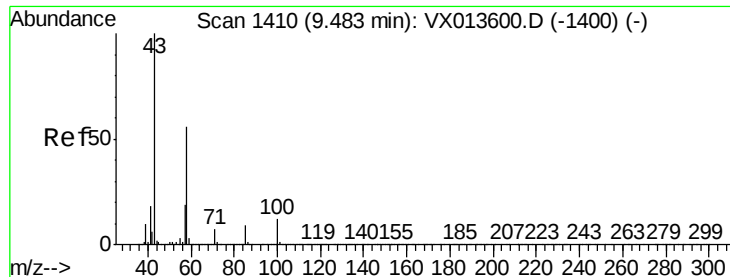
Tgt Ion: 63 Resp: 972697

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.0

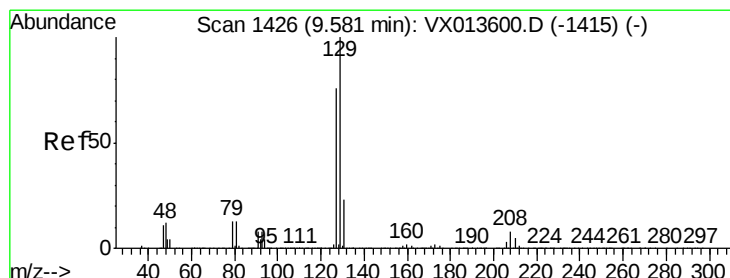
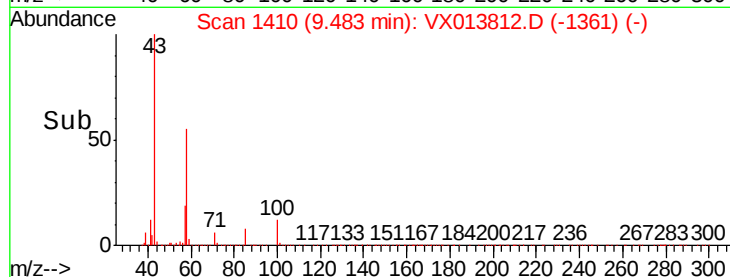
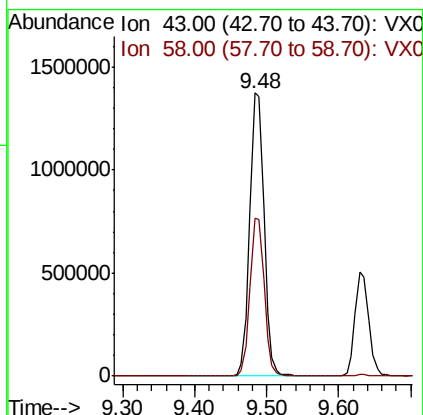
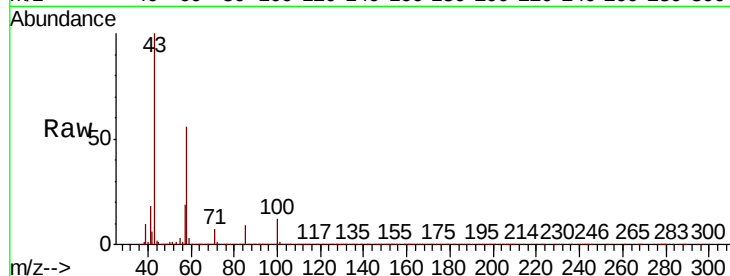




#59
2-Hexanone
Concen: 253.946 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

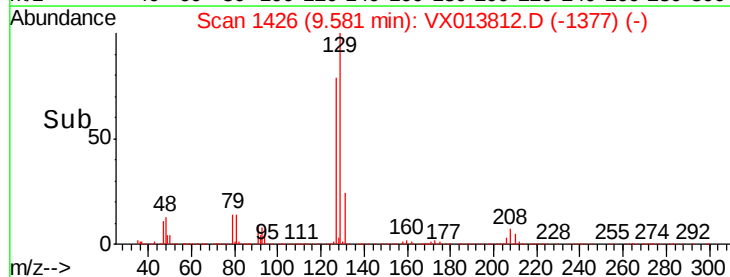
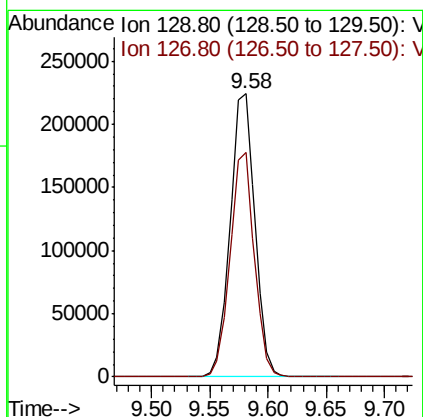
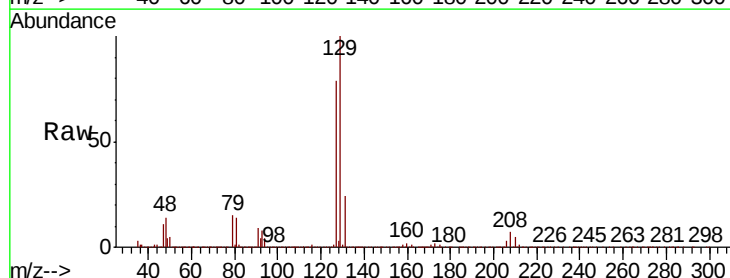
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1891205
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4



#60
Dibromochloromethane
Concen: 51.005 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 129 Resp: 331727
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.682 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

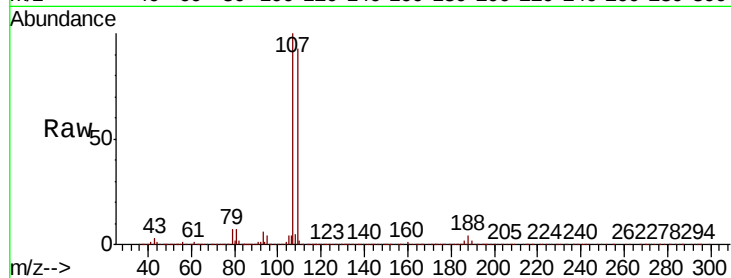
VSTDCCC050

Tot Ion: 107 Resp: 325849

Ion Ratio Lower Upper

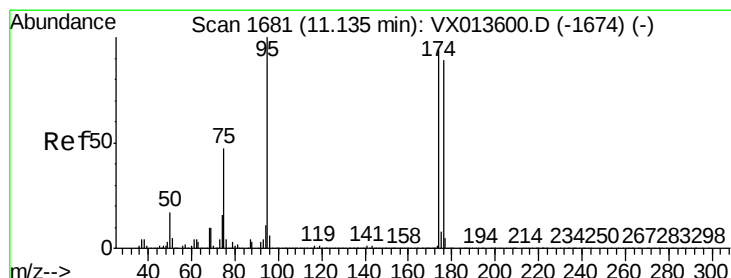
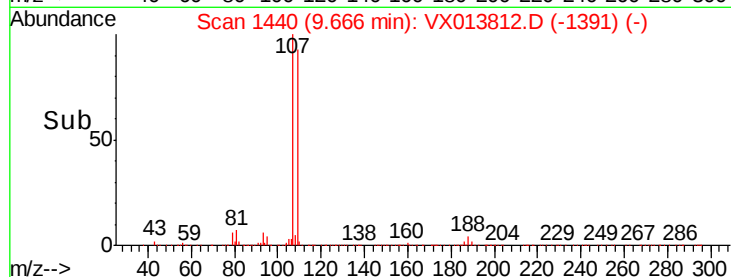
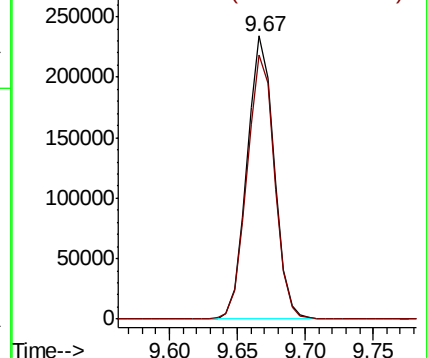
107 100

109 95.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.204 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

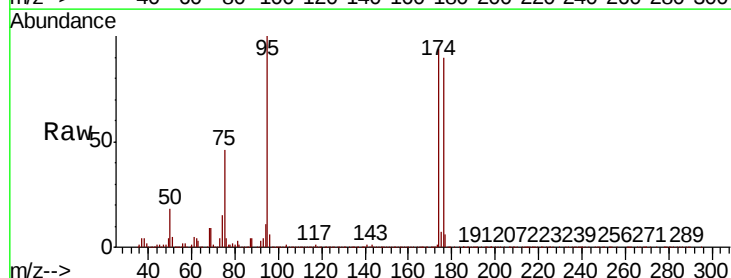
Tgt Ion: 95 Resp: 363360

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.0

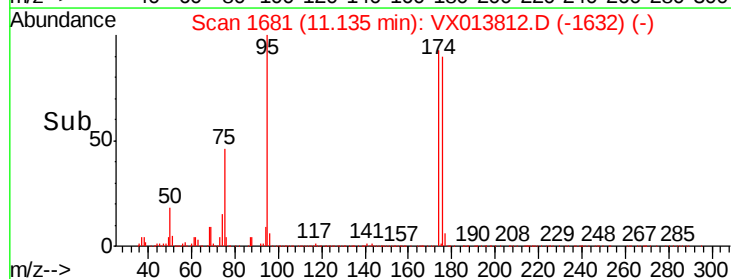
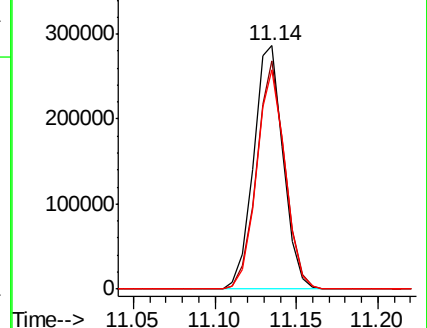
176 86.9 0.0 173.6

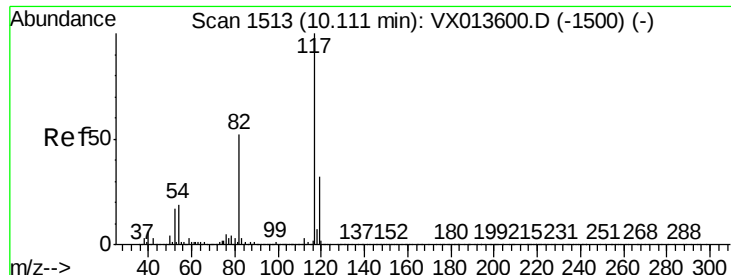


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

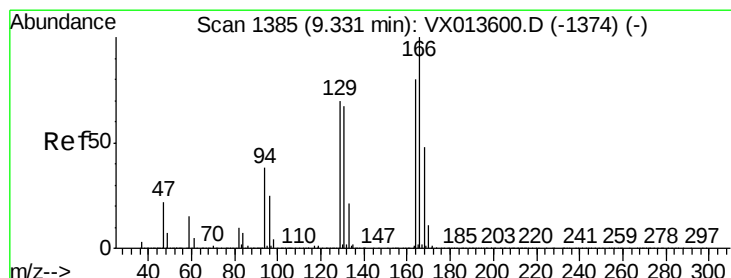
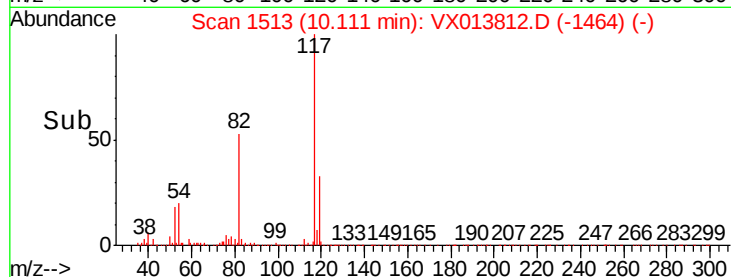
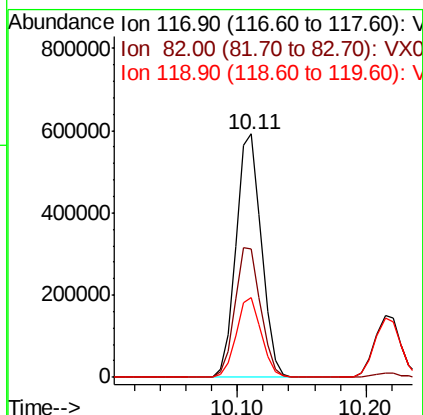
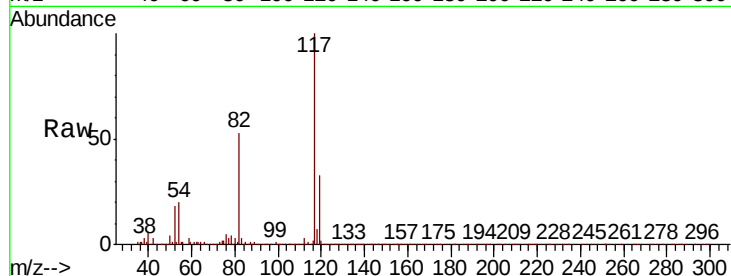




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

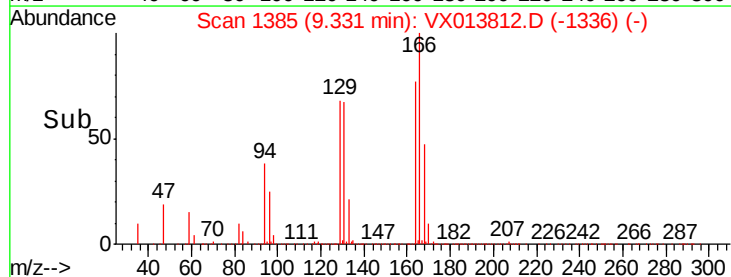
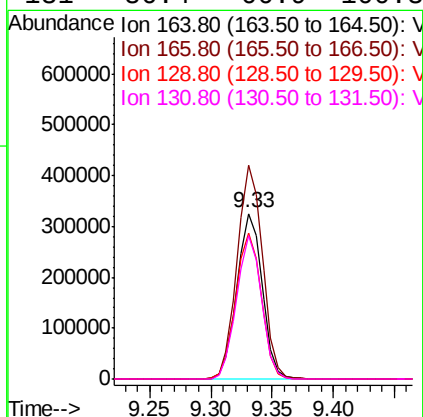
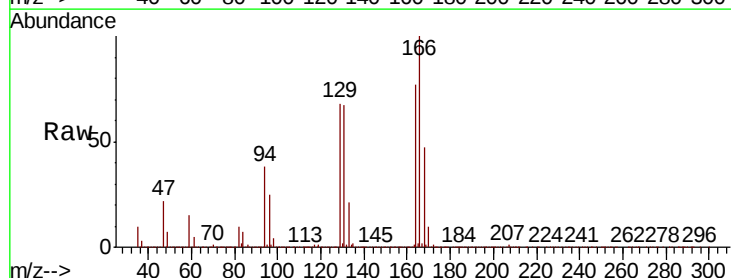
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

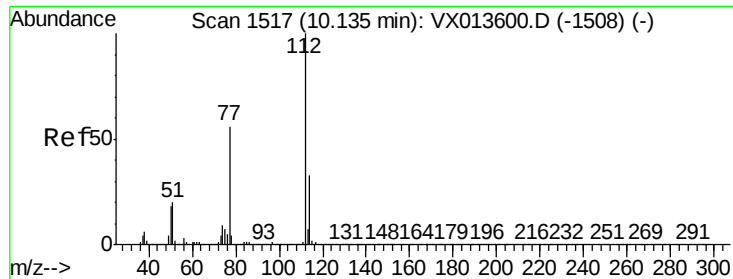
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.8
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 76.815 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	99.7	149.5
129	88.3	70.1	105.1
131	86.4	66.9	100.3

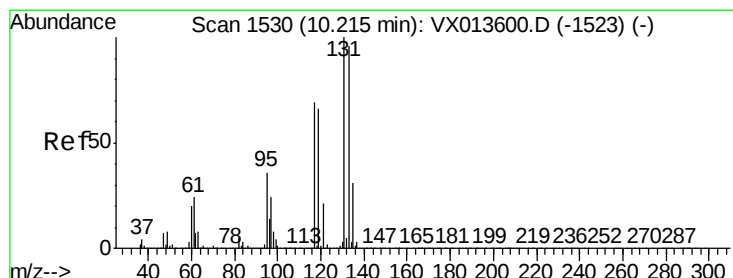
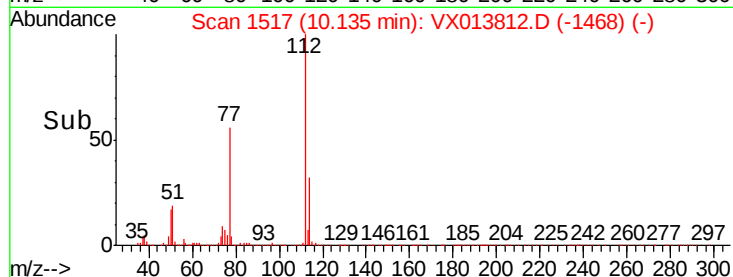
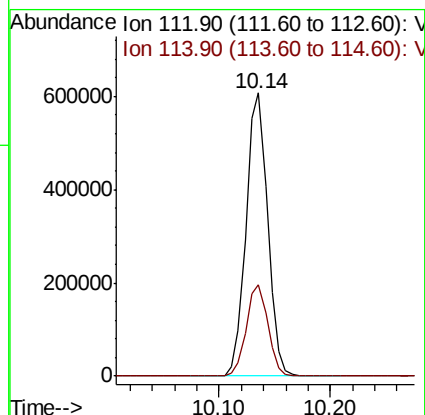
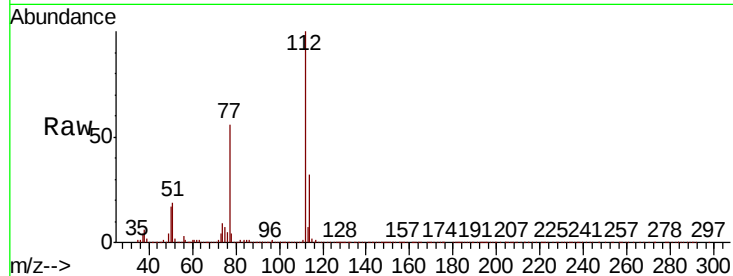




#65
Chlorobenzene
Concen: 48.448 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

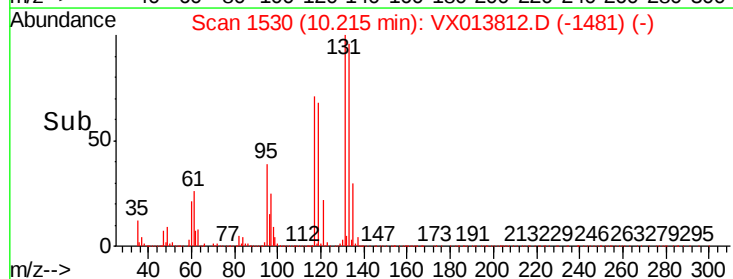
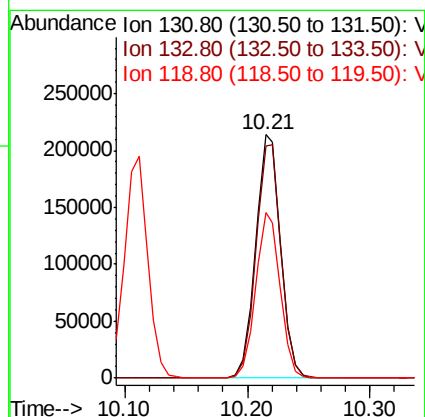
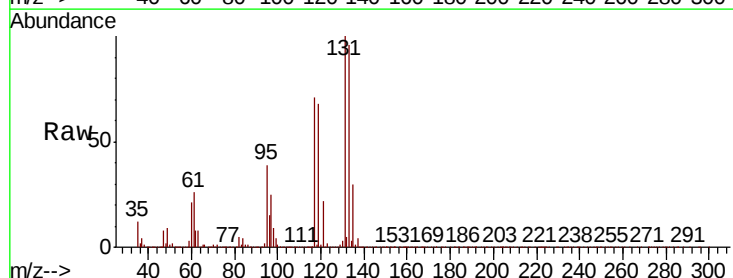
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

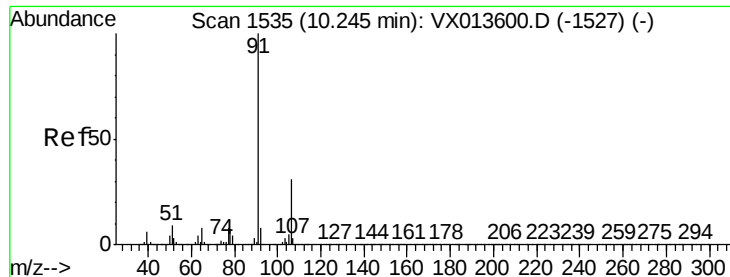
Tot Ion:112 Resp: 816169
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.193 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion:131 Resp: 303638
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 66.7 32.9 98.6





#67

Ethyl Benzene

Concen: 49.860 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

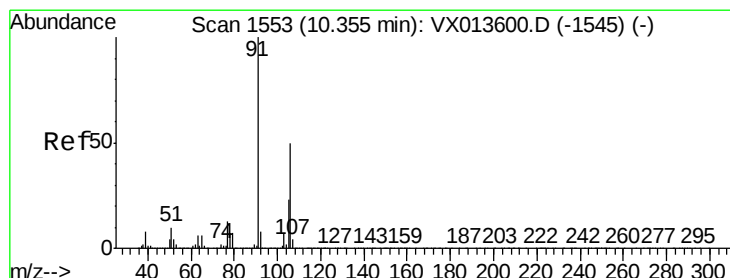
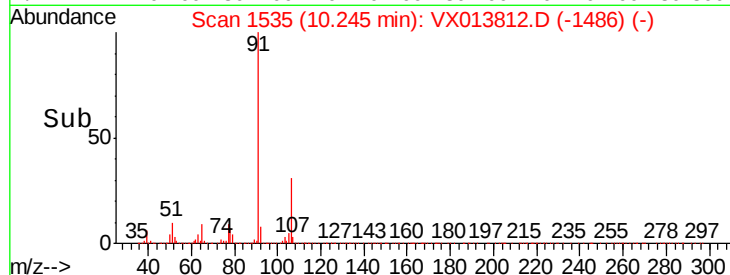
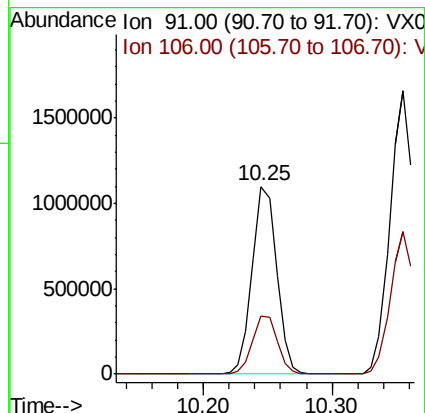
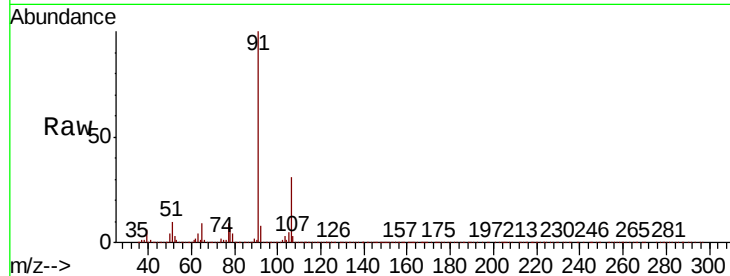
VSTDCCC050

Tot Ion: 91 Resp: 1443370

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 98.626 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013812.D

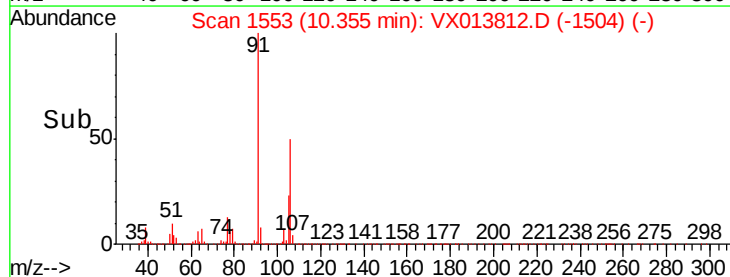
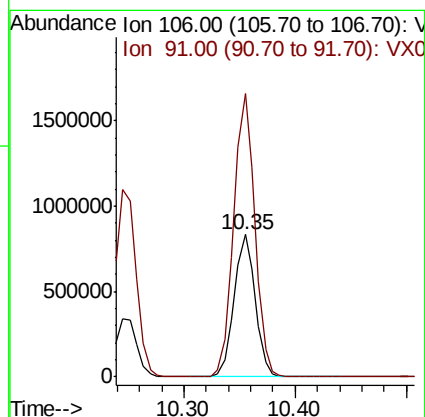
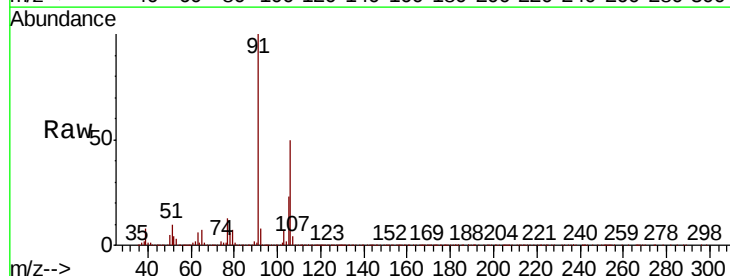
Acq: 06 Dec 2019 20:31

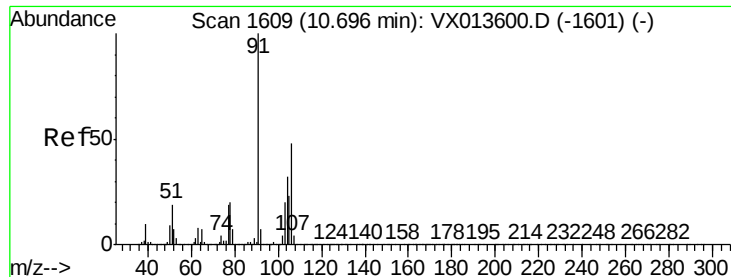
Tgt Ion: 106 Resp: 1093084

Ion Ratio Lower Upper

106 100

91 199.2 159.0 238.4

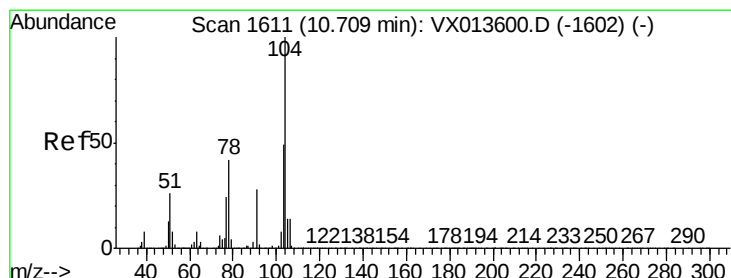
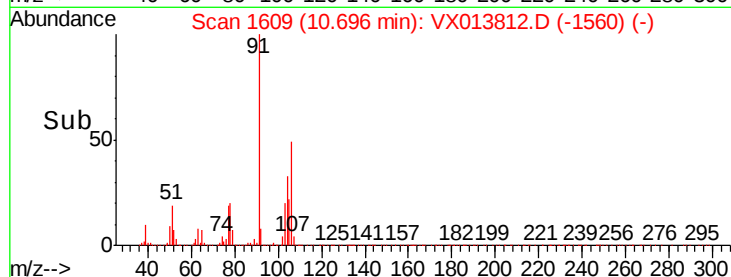
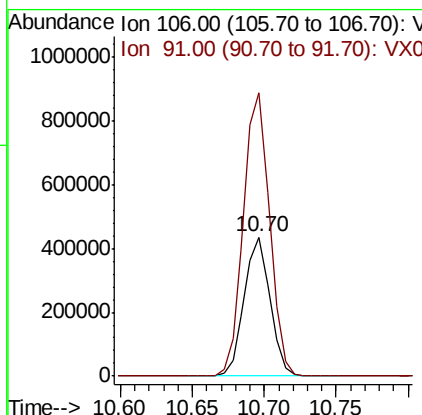
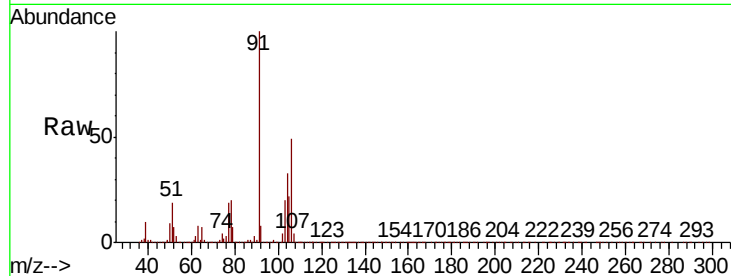




#69
o-Xylene
Concen: 50.075 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

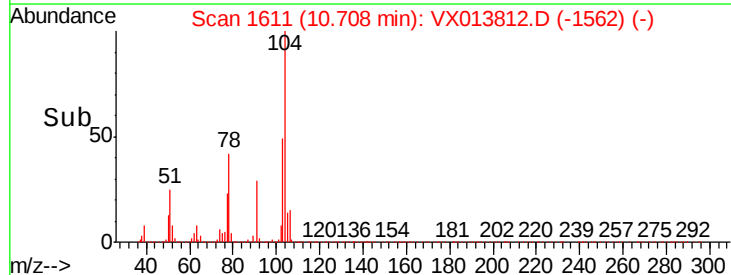
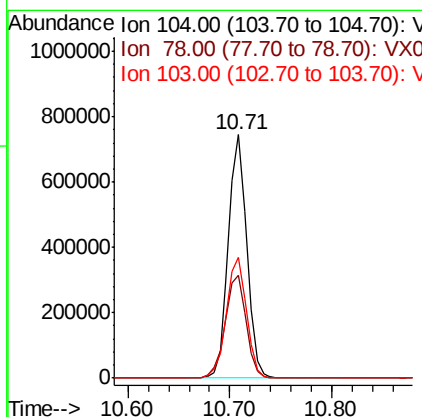
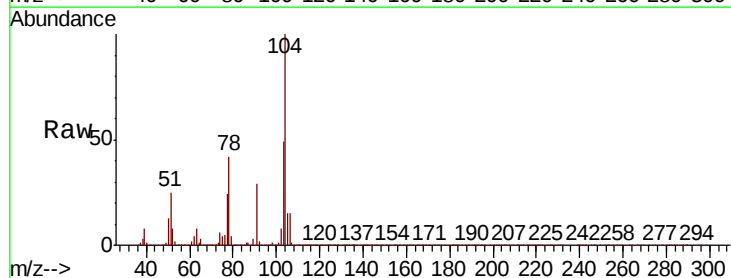
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

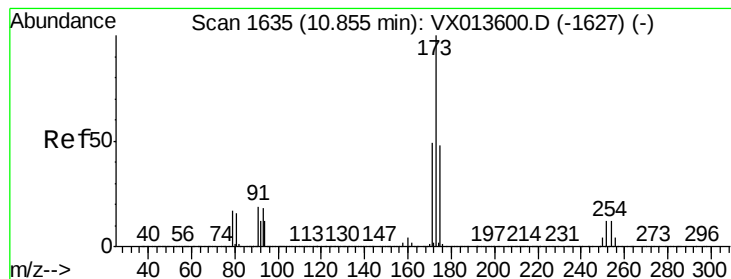
Tot Ion:106 Resp: 541271
Ion Ratio Lower Upper
106 100
91 207.1 104.1 312.2



#70
Styrene
Concen: 51.085 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion:104 Resp: 928877
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 54.0 43.7 65.5





#71

Bromoform

Concen: 51.495 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

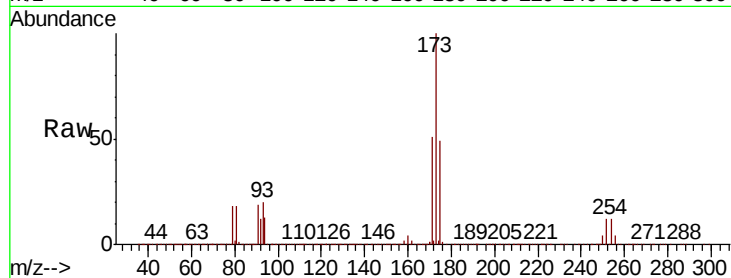
Tot Ion:173 Resp: 257749

Ion Ratio Lower Upper

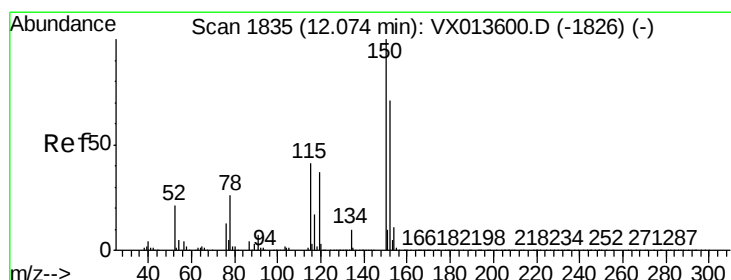
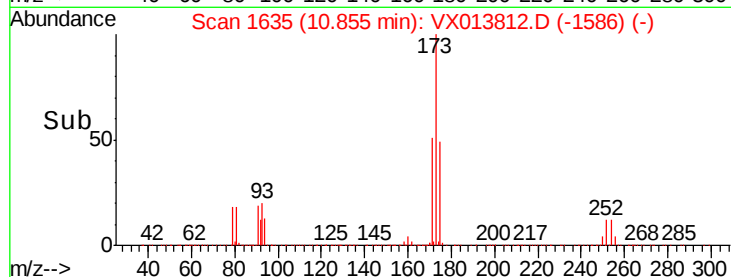
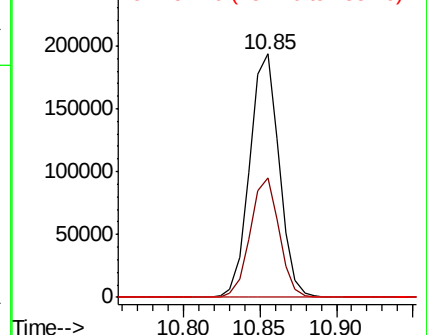
173 100

175 48.4 24.3 72.8

254 0.0 0.2 0.4#



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: VX013812.D

Acq: 06 Dec 2019 20:31

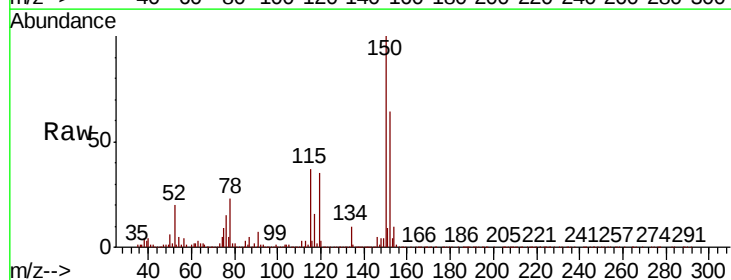
Tgt Ion:152 Resp: 404445

Ion Ratio Lower Upper

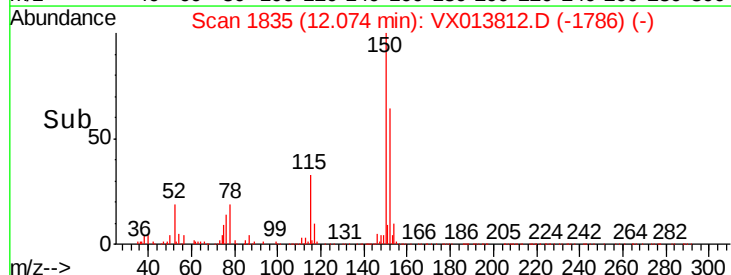
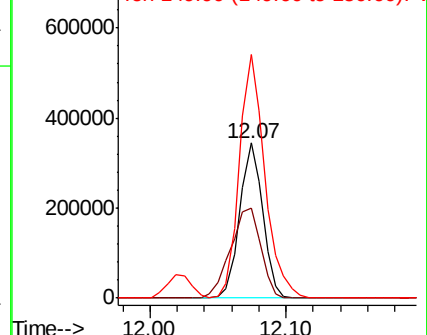
152 100

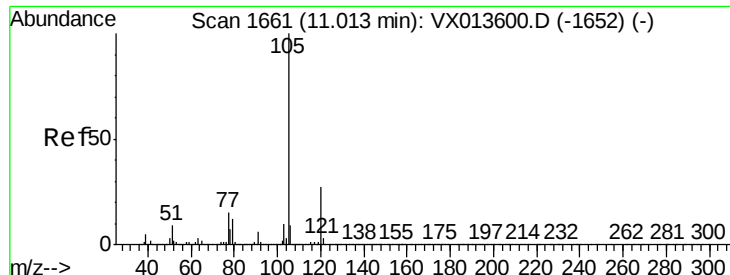
115 76.0 38.4 115.1

150 173.6 0.0 346.8



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





#73

Isopropylbenzene

Concen: 50.405 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

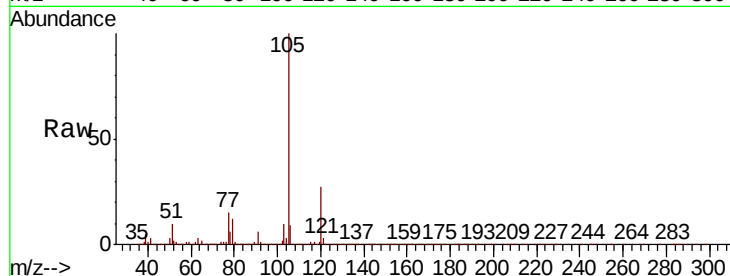
VSTDCCC050

Tot Ion:105 Resp: 1430001

Ion Ratio Lower Upper

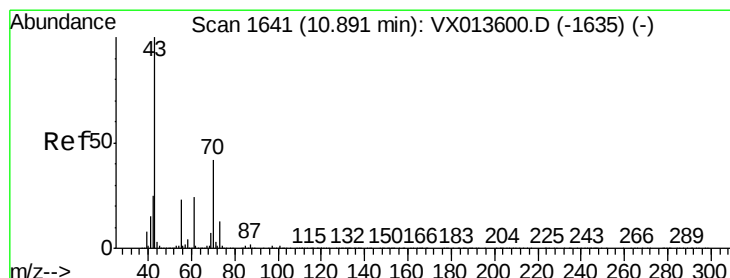
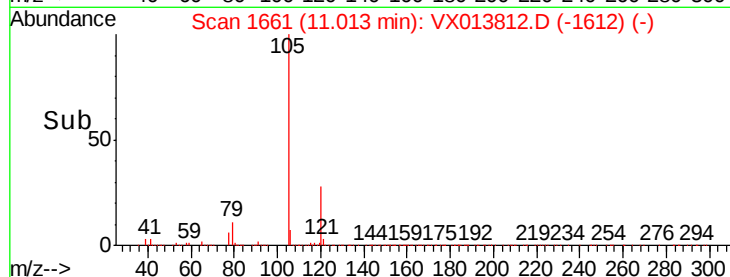
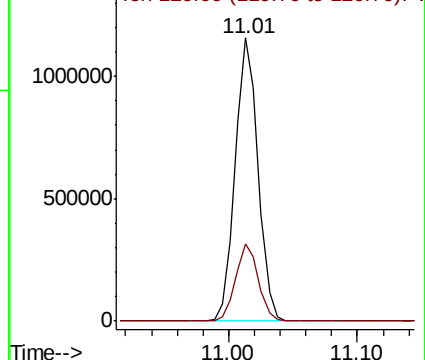
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.289 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion: 43 Resp: 653556

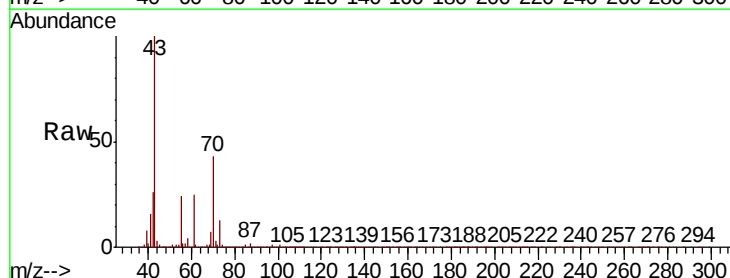
Ion Ratio Lower Upper

43 100

70 43.6 34.3 51.5

55 23.9 18.5 27.7

61 24.7 19.8 29.8

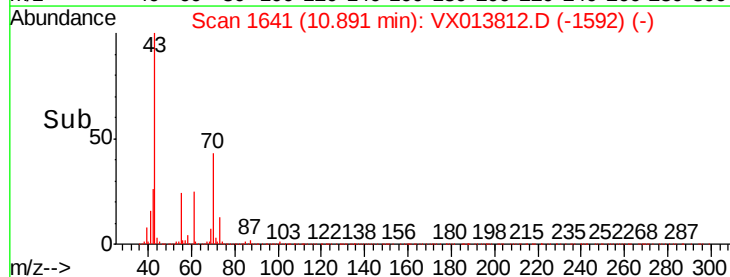
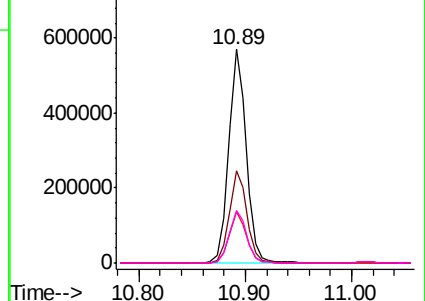


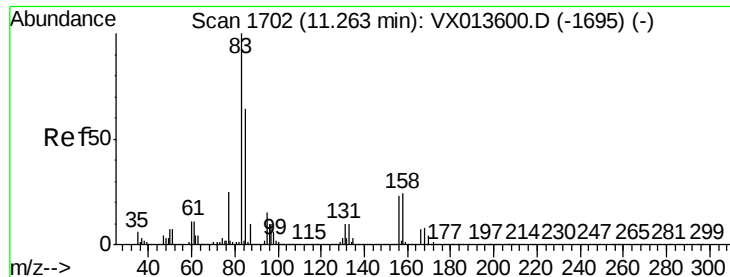
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.915 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

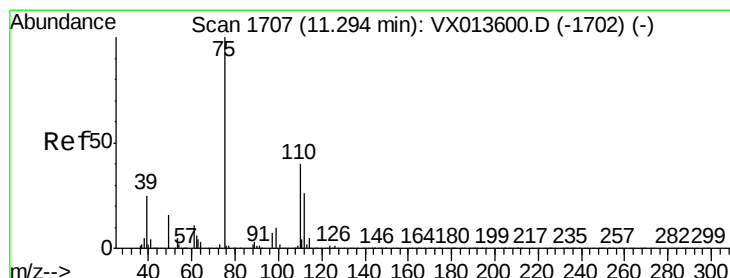
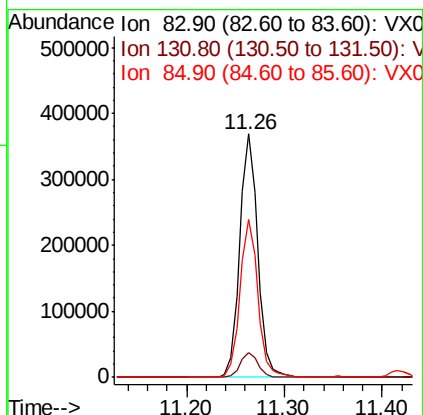
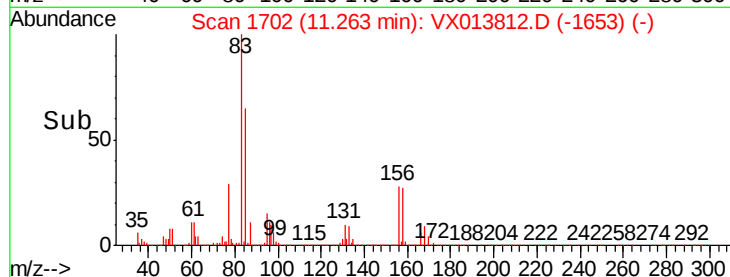
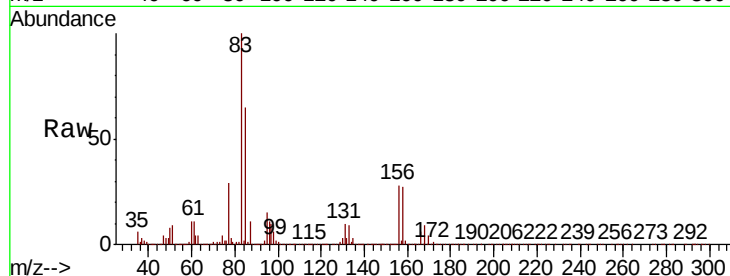
Tot Ion: 83 Resp: 471417

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 61.580 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013812.D

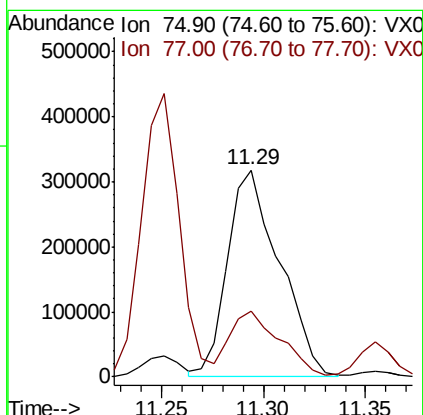
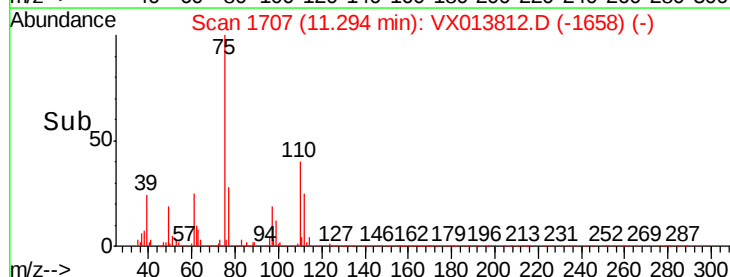
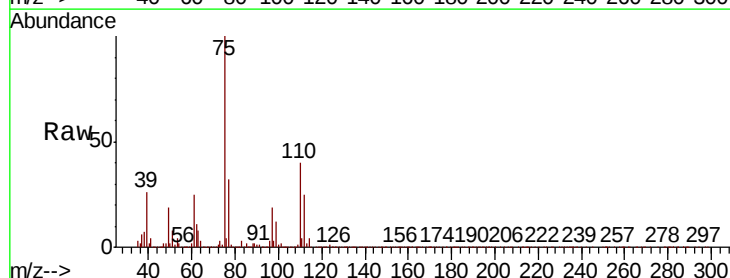
Acq: 06 Dec 2019 20:31

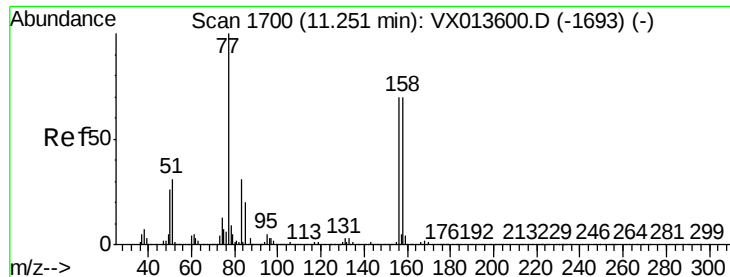
Tgt Ion: 75 Resp: 560177

Ion Ratio Lower Upper

75 100

77 30.8 19.1 57.5





#77

Bromobenzene

Concen: 48.595 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

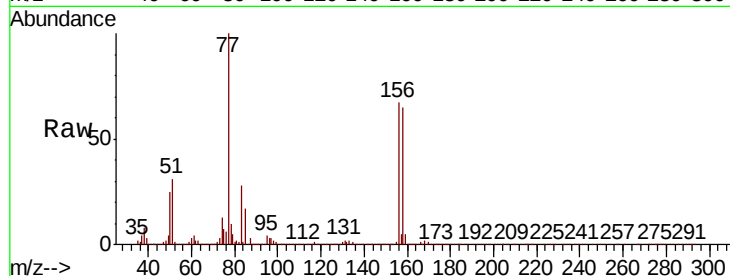
Tot Ion:156 Resp: 372449

Ion Ratio Lower Upper

156 100

77 150.7 74.4 223.1

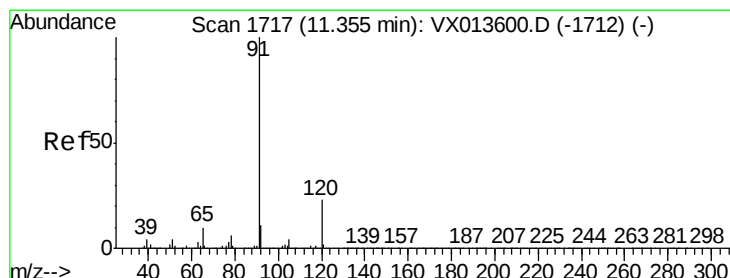
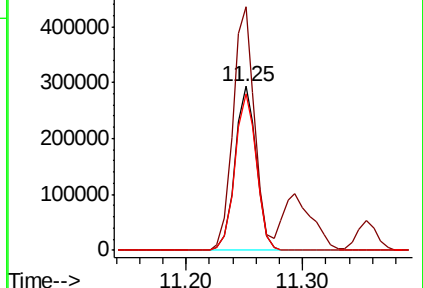
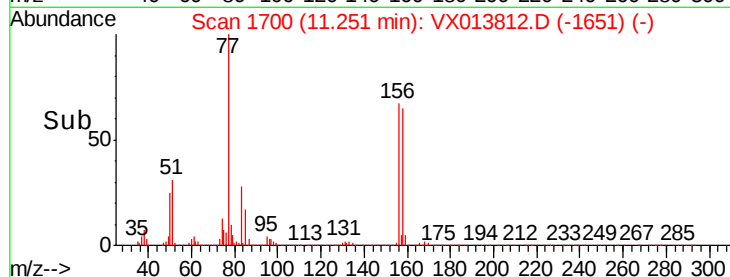
158 96.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.798 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013812.D

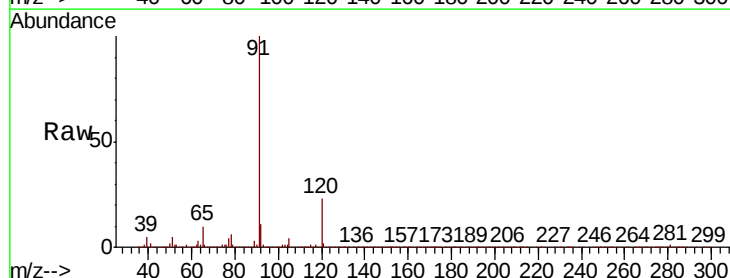
Acq: 06 Dec 2019 20:31

Tgt Ion: 91 Resp: 1608783

Ion Ratio Lower Upper

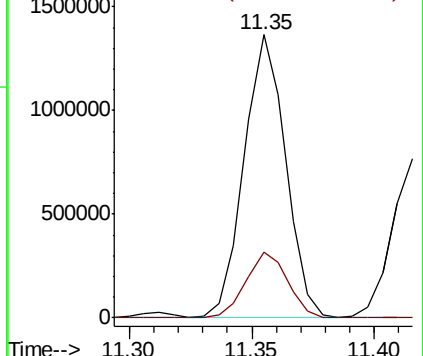
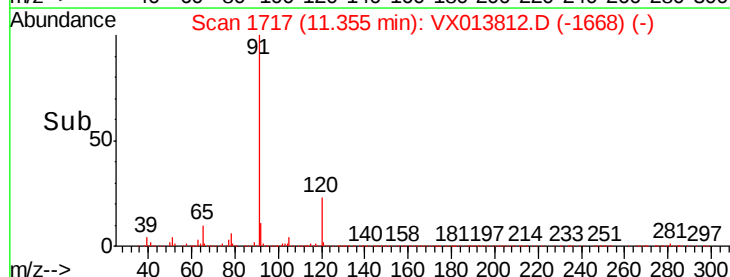
91 100

120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.021 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

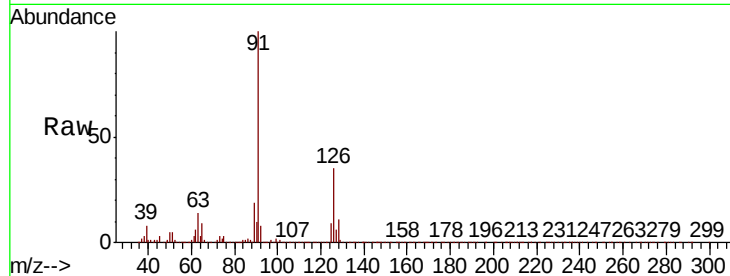
VSTDCCC050

Tot Ion: 91 Resp: 950301

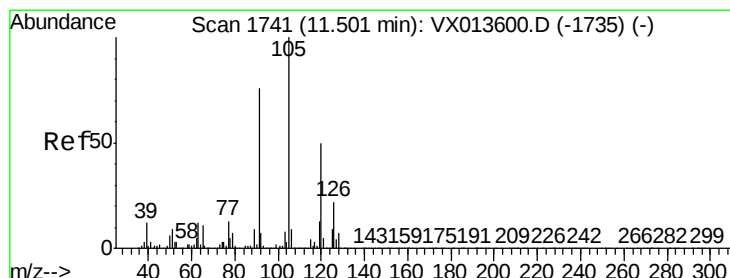
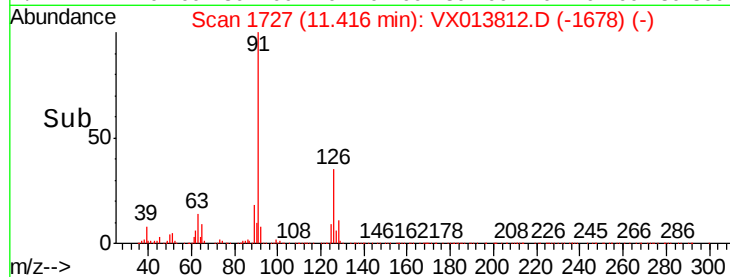
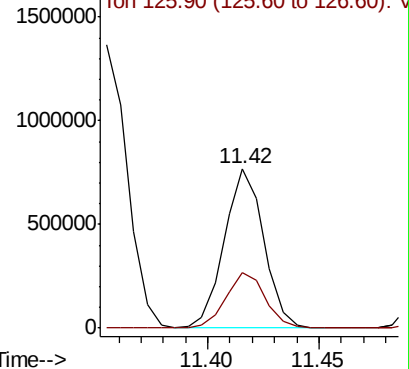
Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.774 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013812.D

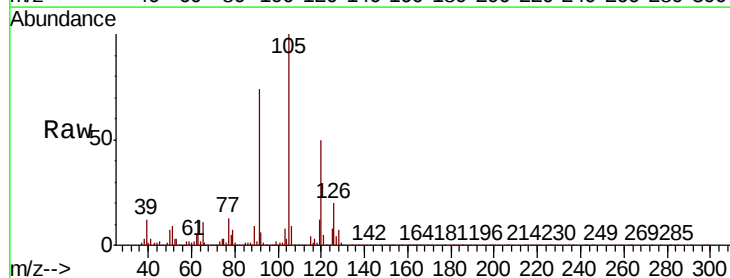
Acq: 06 Dec 2019 20:31

Tgt Ion: 105 Resp: 1180590

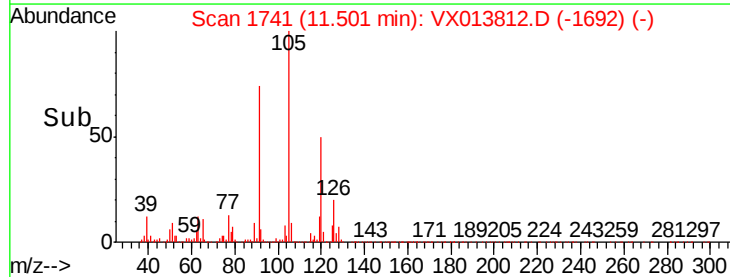
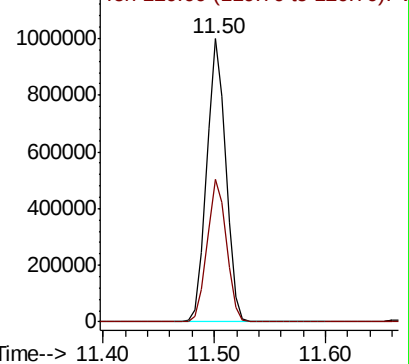
Ion Ratio Lower Upper

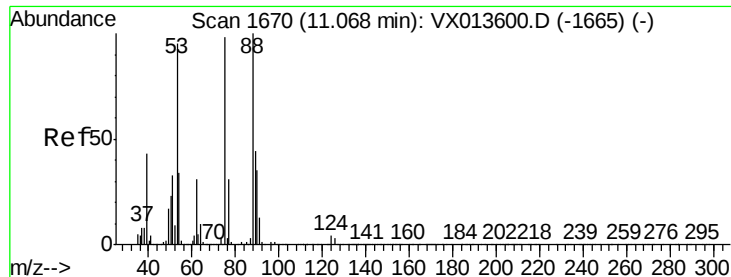
105 100

120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

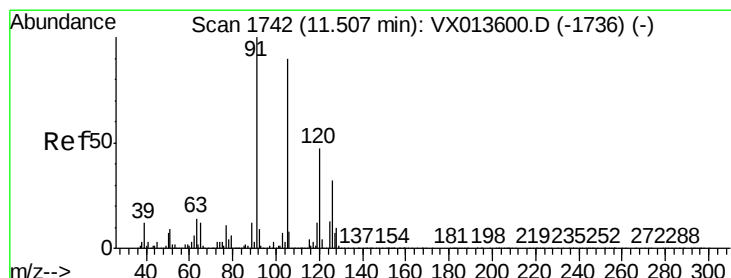
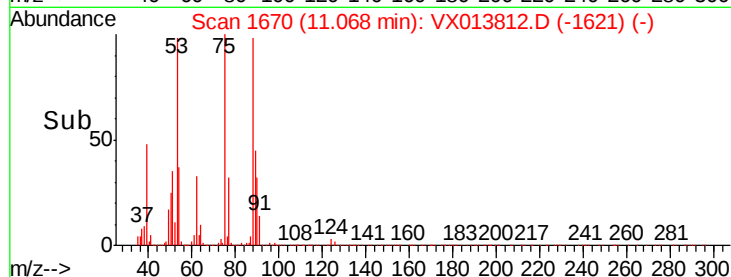
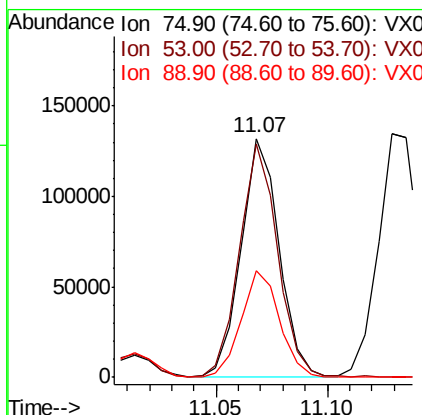
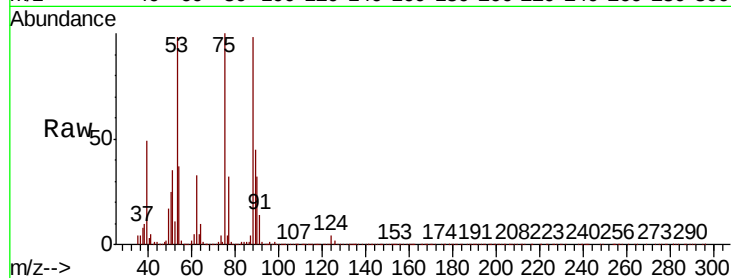




#81
trans-1,4-Dichloro-2-butene
Concen: 47.093 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

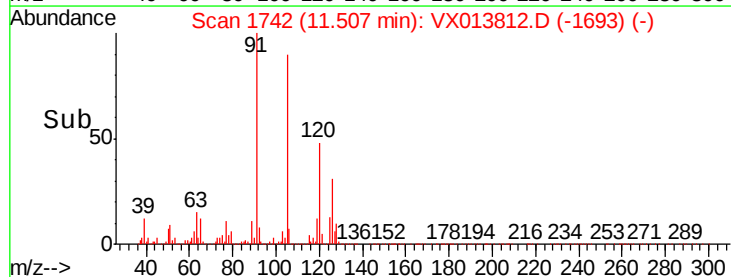
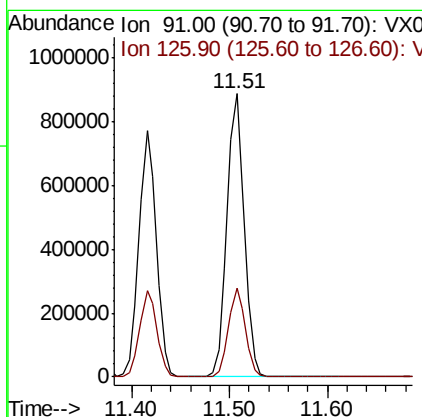
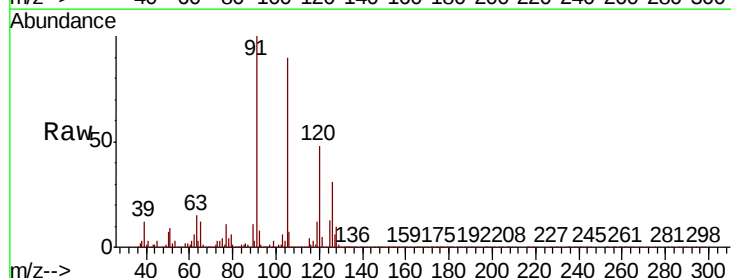
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

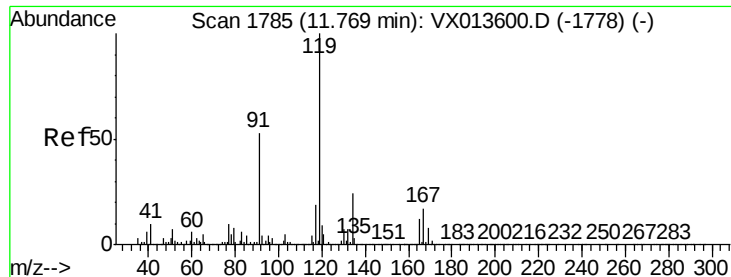
Tot Ion: 75 Resp: 156587
Ion Ratio Lower Upper
75 100
53 97.8 78.2 117.2
89 45.8 35.4 53.2



#82
4-Chlorotoluene
Concen: 49.583 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013812.D
Acq: 06 Dec 2019 20:31

Tgt Ion: 91 Resp: 1091022
Ion Ratio Lower Upper
91 100
126 30.6 15.7 47.0





#83

tert-Butylbenzene

Concen: 43.293 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

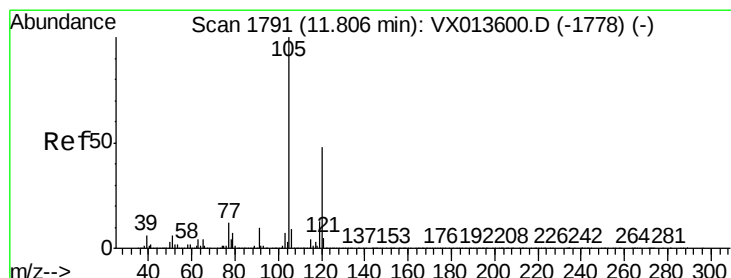
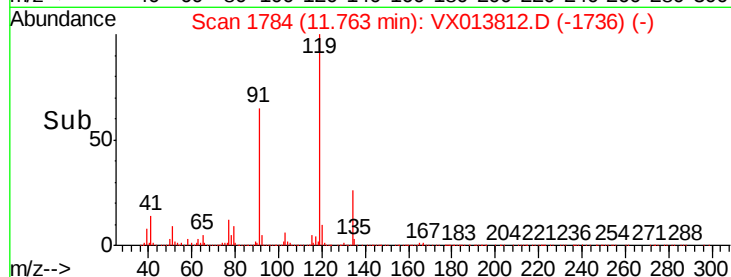
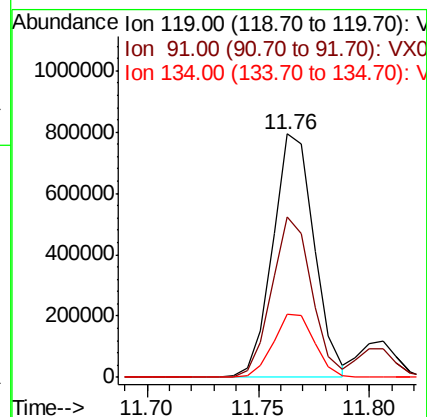
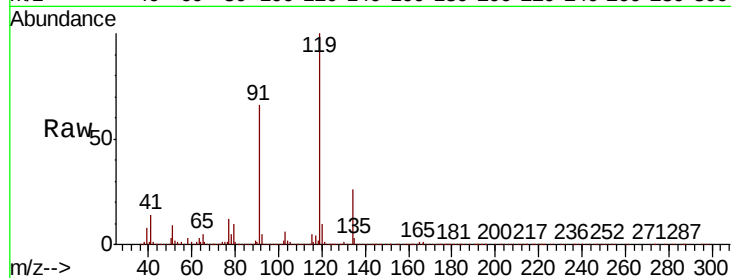
Tot Ion:119 Resp: 1023048

Ion Ratio Lower Upper

119 100

91 63.5 27.2 81.6

134 25.9 11.7 35.1



#84

1,2,4-Trimethylbenzene

Concen: 50.276 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013812.D

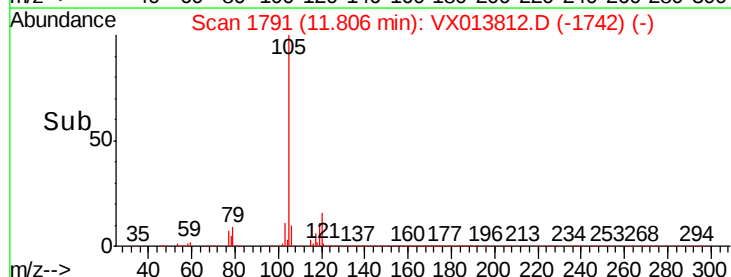
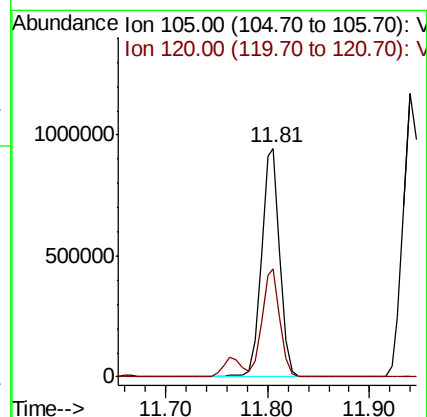
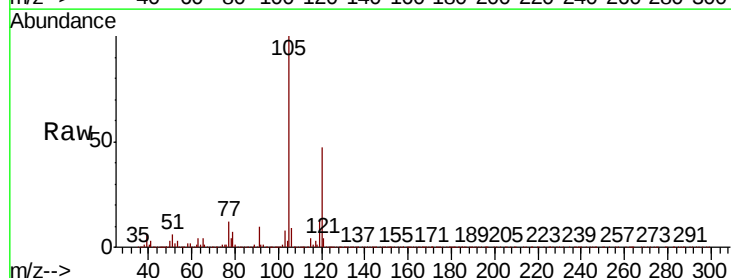
Acq: 06 Dec 2019 20:31

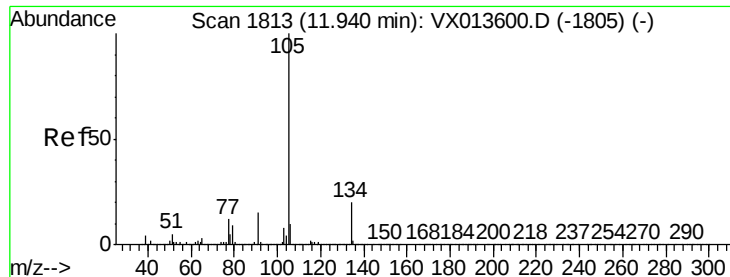
Tgt Ion:105 Resp: 1186432

Ion Ratio Lower Upper

105 100

120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.863 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

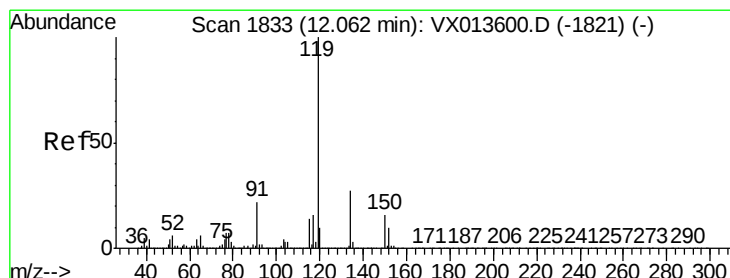
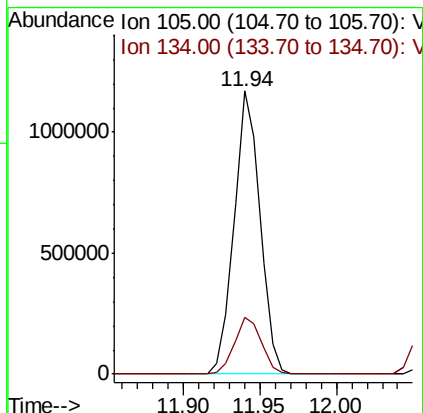
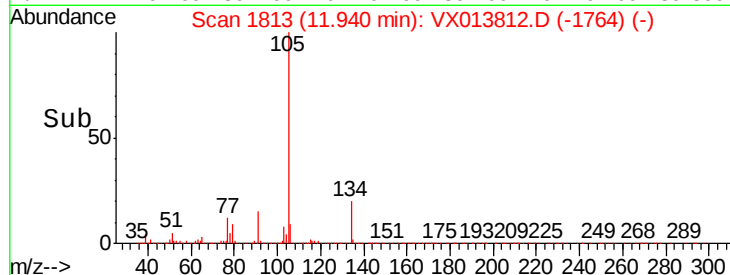
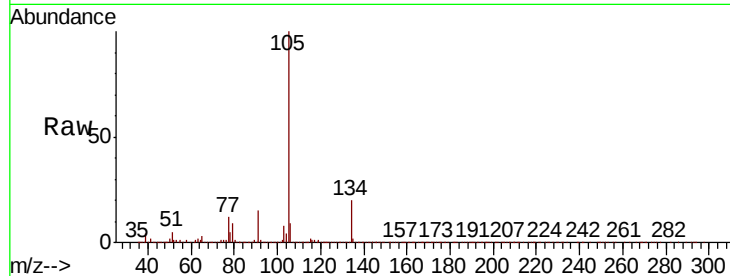
VSTDCCC050

Tot Ion:105 Resp: 1372861

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 49.776 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

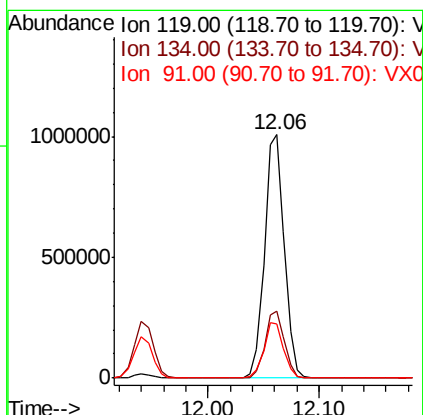
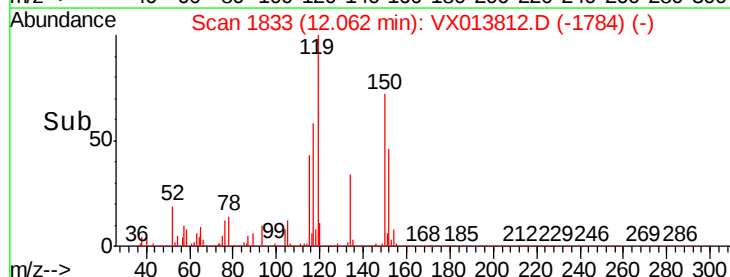
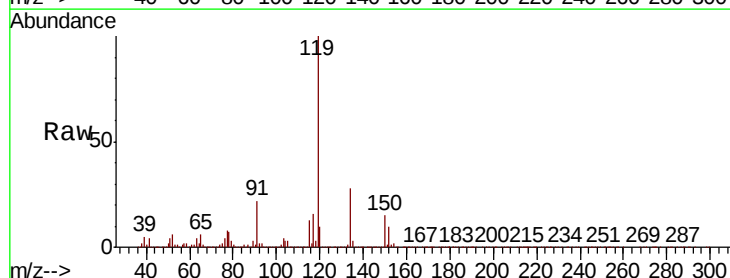
Tgt Ion:119 Resp: 1249886

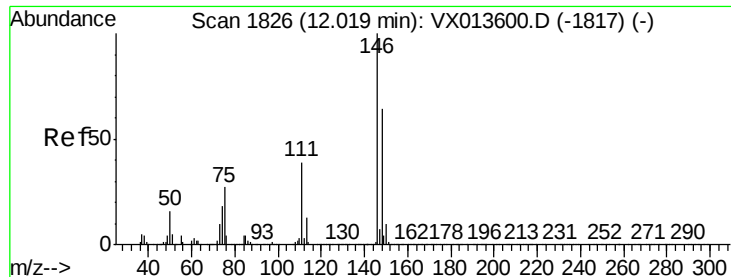
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

91 22.6 11.3 33.8

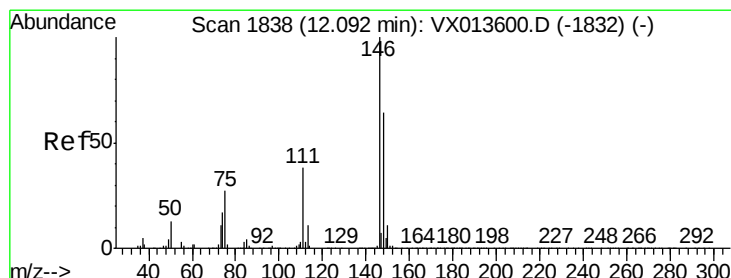
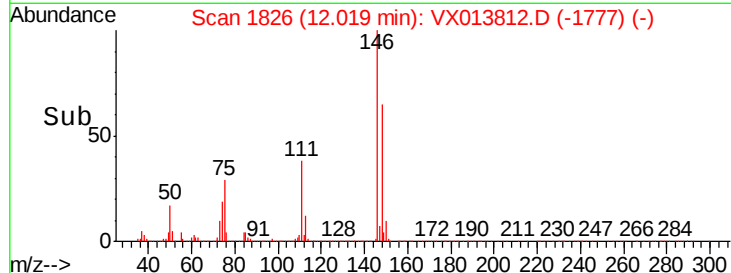
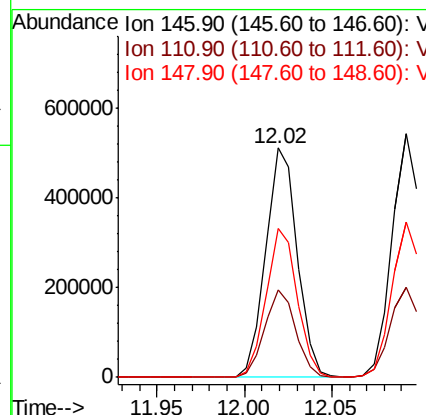
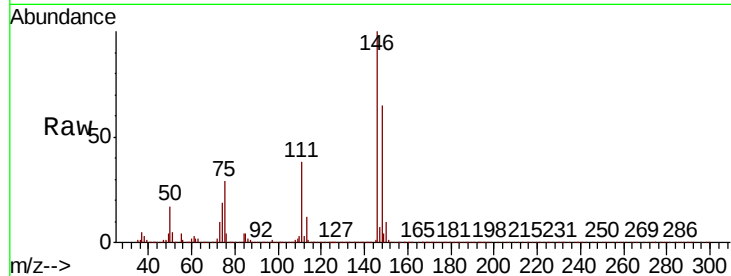




#87
 1,3-Dichlorobenzene
 Concen: 48.535 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

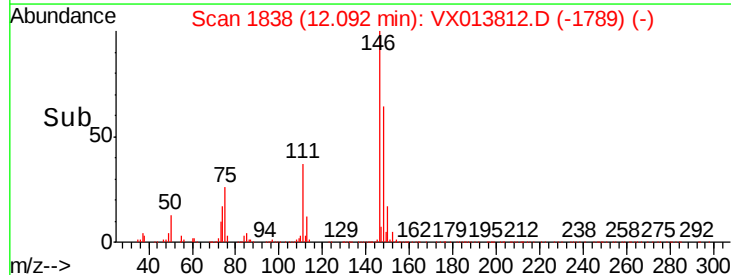
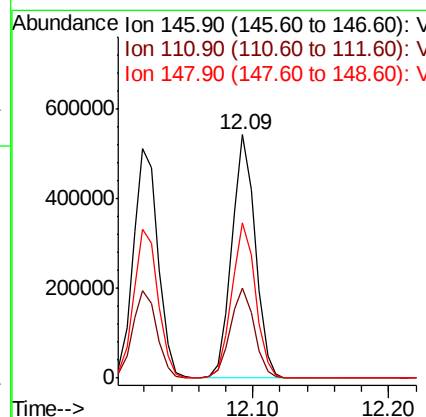
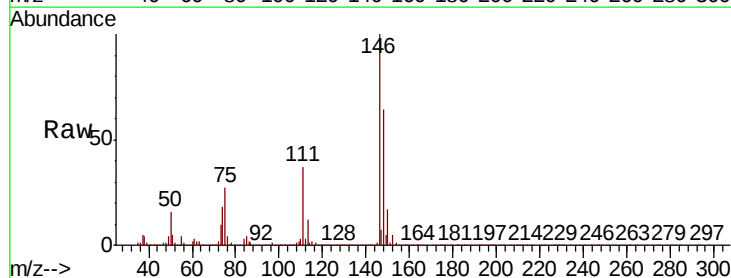
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

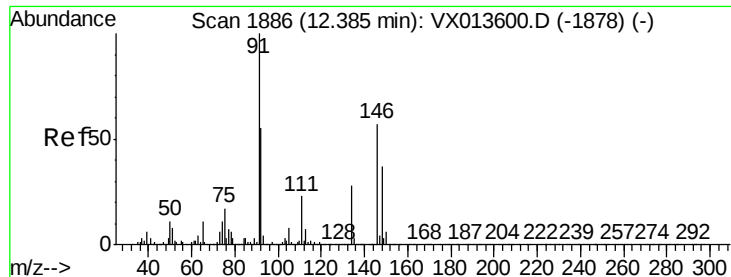
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.0	57.0
148	64.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.632 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013812.D
 Acq: 06 Dec 2019 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	64.2	31.9	95.5





#89

n-Butylbenzene

Concen: 50.283 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

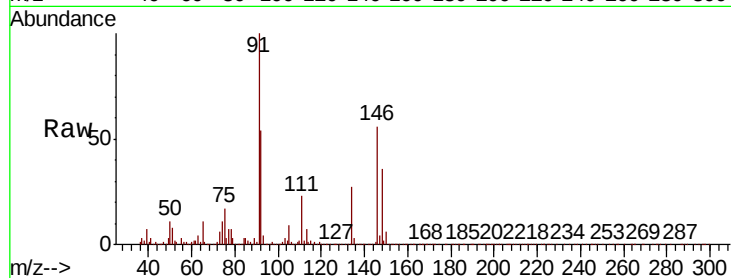
Tot Ion: 91 Resp: 1076889

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.2

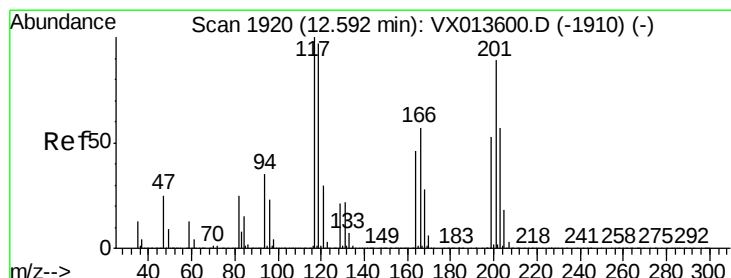
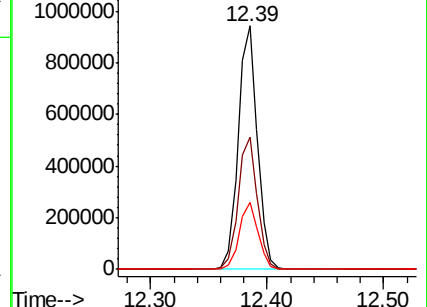
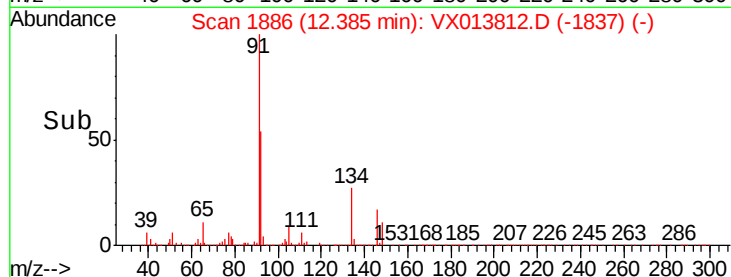
134 27.1 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VX013812.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX013812.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX013812.D (-1837) (-)



#90

Hexachloroethane

Concen: 51.001 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013812.D

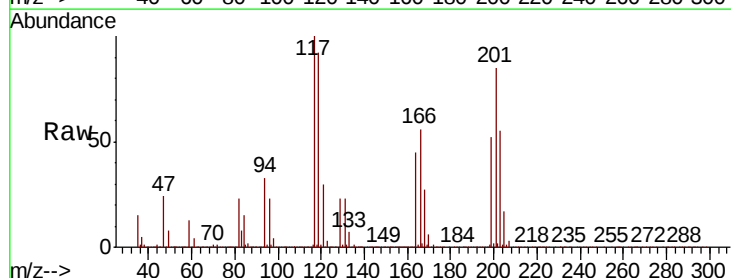
Acq: 06 Dec 2019 20:31

Tgt Ion: 117 Resp: 231481

Ion Ratio Lower Upper

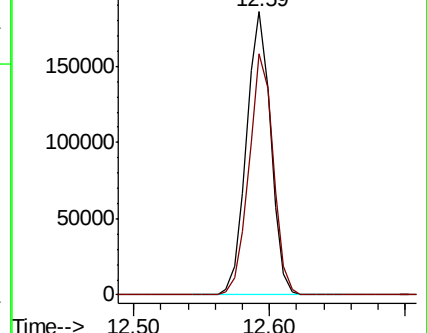
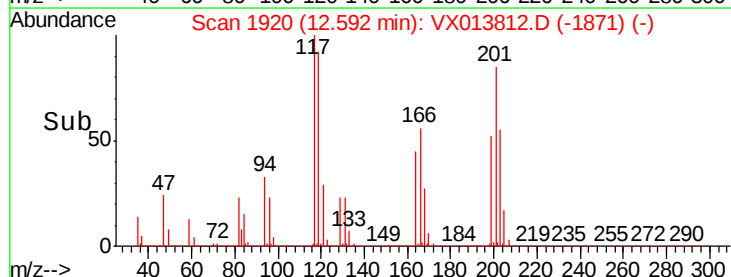
117 100

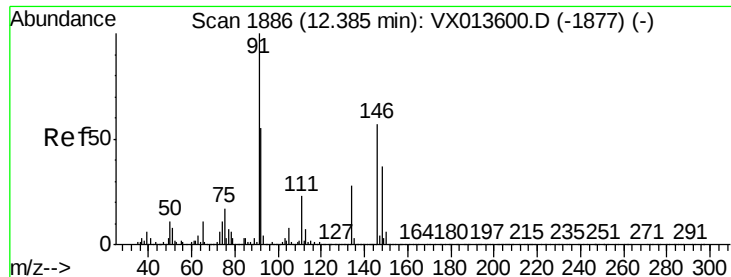
201 85.3 44.1 132.4



Abundance Ion 116.80 (116.50 to 117.50): VX013812.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX013812.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 49.559 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

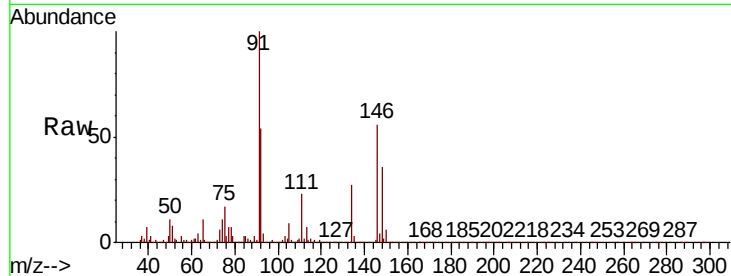
Tot Ion:146 Resp: 654191

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

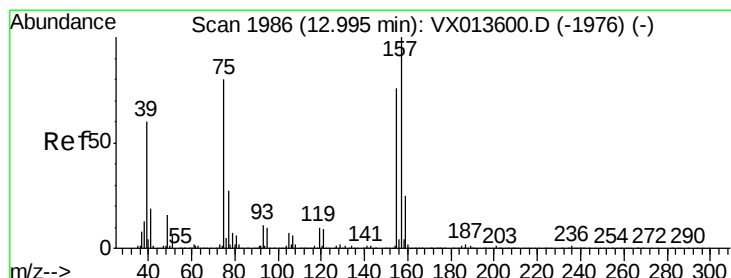
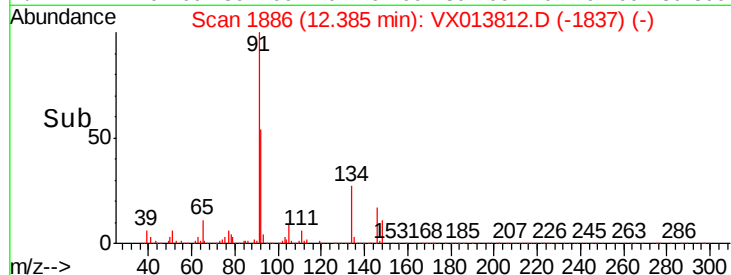
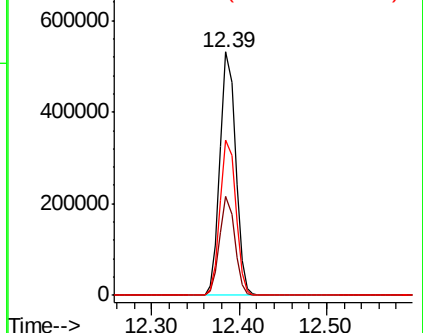
148 64.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.376 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

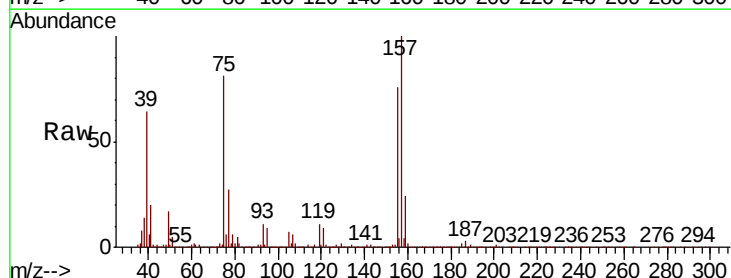
Tgt Ion: 75 Resp: 105788

Ion Ratio Lower Upper

75 100

155 97.9 47.6 142.8

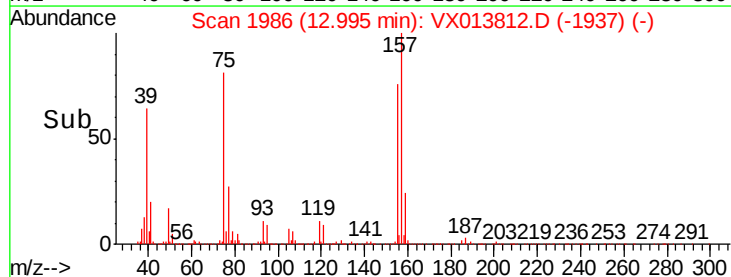
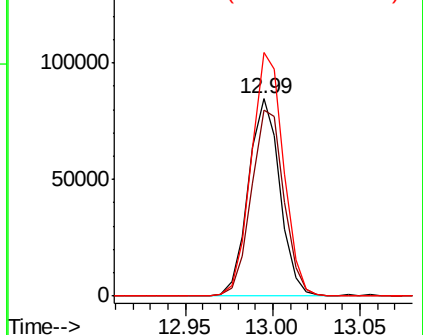
157 126.8 62.1 186.2

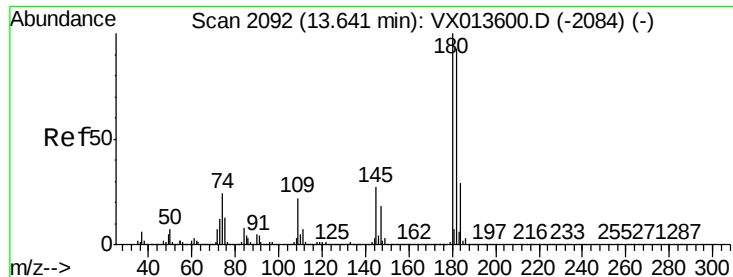


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 47.769 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

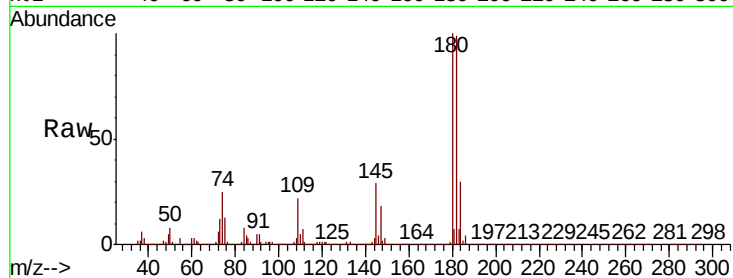
Tot Ion:180 Resp: 439463

Ion Ratio Lower Upper

180 100

182 97.4 47.2 141.6

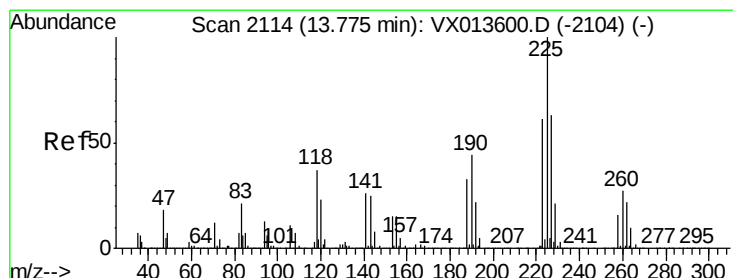
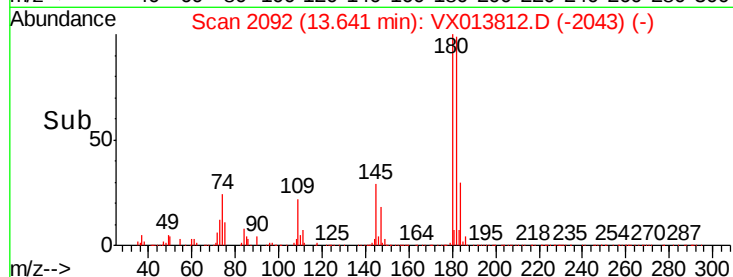
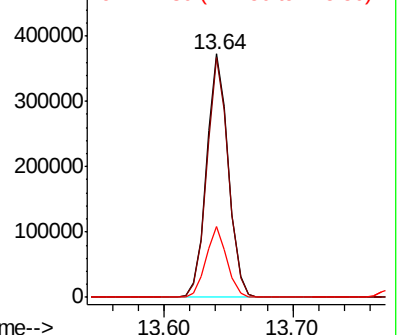
145 28.0 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.466 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

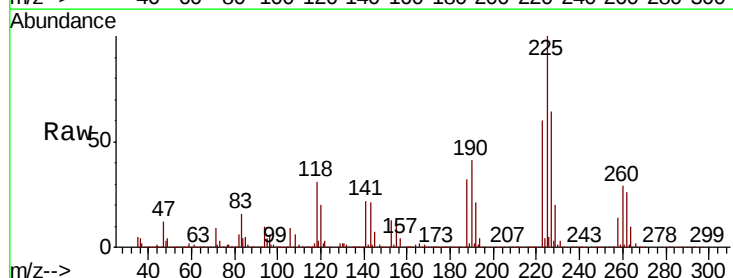
Tgt Ion:225 Resp: 214189

Ion Ratio Lower Upper

225 100

223 61.0 31.9 95.5

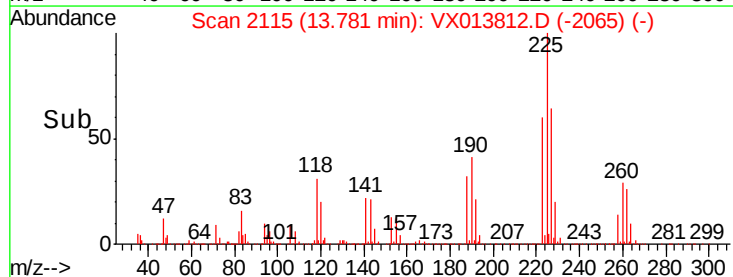
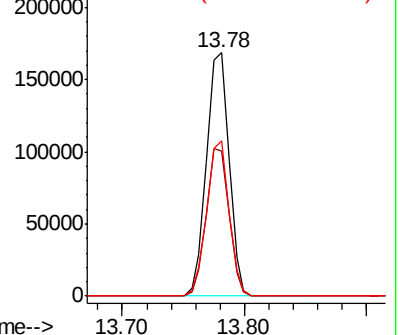
227 63.0 32.1 96.3

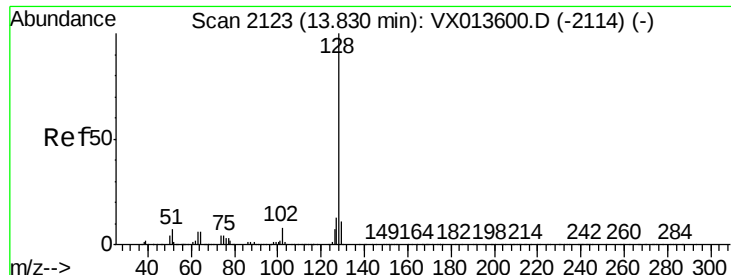


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.901 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Instrument :

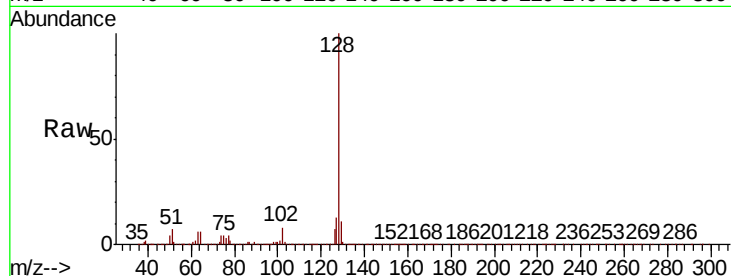
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1394527

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

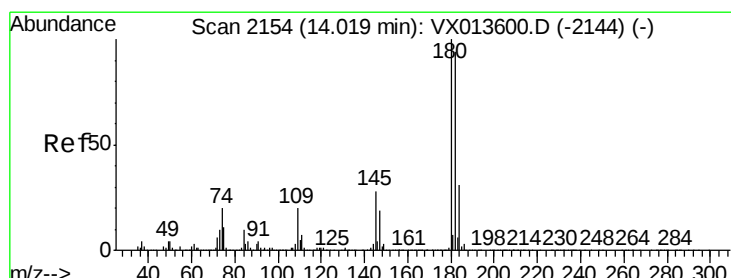
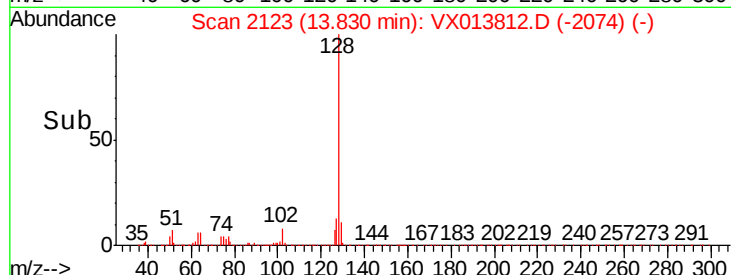
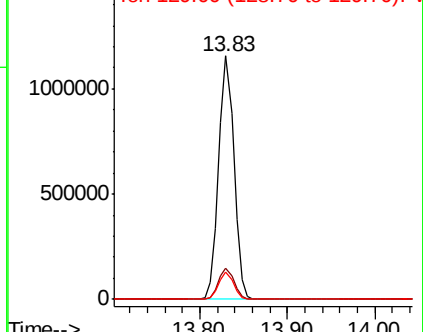


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.577 ug/l

RT: 14.01 min Scan# 2153

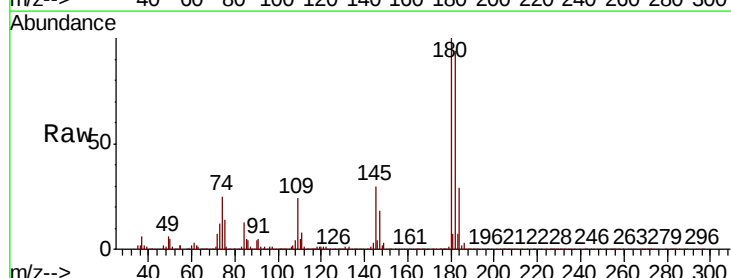
Delta R.T. -0.01 min

Lab File: VX013812.D

Acq: 06 Dec 2019 20:31

Tgt Ion:180 Resp: 451592

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.8
145	29.8	15.0	45.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

