

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103119\
 Data File : VX013297.D
 Acq On : 31 Oct 2019 18:15
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 06:43:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 06:36:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	687523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1072083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	546736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	1229472	163.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.20%	
35) Dibromofluoromethane	5.49	113	999807	147.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.34%	
50) Toluene-d8	8.71	98	3769465	147.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.24%	
62) 4-Bromofluorobenzene	11.14	95	1440446	154.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1249911	189.950	ug/l	98
3) Chloromethane	1.31	50	1318107	195.340	ug/l	98
4) Vinyl Chloride	1.40	62	1502150	212.693	ug/l	100
5) Bromomethane	1.62	94	1086242	252.006	ug/l	99
6) Chloroethane	1.69	64	826537	187.257	ug/l	98
7) Trichlorofluoromethane	1.91	101	1715841	156.154	ug/l	99
8) Diethyl Ether	2.18	74	757447	188.884	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	972851	154.980	ug/l	100
10) Methyl Iodide	2.49	142	1324626	163.147	ug/l	99
11) Tert butyl alcohol	3.06	59	1568321	877.832	ug/l	100
12) 1,1-Dichloroethene	2.36	96	988675	160.240	ug/l	100
13) Acrolein	2.28	56	888096	858.625	ug/l	98
14) Allyl chloride	2.71	41	1779286	190.087	ug/l	98
15) Acrylonitrile	3.14	53	3199252	892.171	ug/l	100
16) Acetone	2.44	43	2985213	863.394	ug/l	100
17) Carbon Disulfide	2.55	76	2746603	172.277	ug/l	99
18) Methyl Acetate	2.76	43	1779148	213.785	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	3308526	163.805	ug/l	98
20) Methylene Chloride	2.84	84	1096677	154.579	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	1062674	161.438	ug/l	96
22) Diisopropyl ether	3.84	45	3462280	176.760	ug/l	100
23) Vinyl Acetate	3.80	43	14733231	893.005	ug/l	98
24) 1,1-Dichloroethane	3.68	63	1901091	169.251	ug/l	99
25) 2-Butanone	4.67	43	4687098	937.442	ug/l	99
26) 2,2-Dichloropropane	4.57	77	1530853	167.367	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	1200706	157.170	ug/l	99
28) Bromochloromethane	5.00	49	525509	106.846	ug/l	98
29) Tetrahydrofuran	5.12	42	2970809	936.870	ug/l	100
30) Chloroform	5.20	83	1878352	156.758	ug/l	97
31) Cyclohexane	5.56	56	1704276	166.740	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	1654515	160.741	ug/l	99
36) 1,1-Dichloropropene	5.79	75	1439217	160.601	ug/l	100
37) Ethyl Acetate	4.83	43	1773947	187.652	ug/l	99
38) Carbon Tetrachloride	5.77	117	1451718	157.525	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	1759207	153.442	ug/l	98
40) Benzene	6.13	78	4261451	155.670	ug/l	100
41) Methacrylonitrile	5.03	41	994390	183.689	ug/l	98
42) 1,2-Dichloroethane	6.18	62	1553136	160.430	ug/l	99
43) Isopropyl Acetate	6.43	43	2848136	183.741	ug/l	100
44) Trichloroethene	7.20	130	1184534	148.139	ug/l	98
45) 1,2-Dichloropropane	7.51	63	1098767	157.082	ug/l	100
46) Dibromomethane	7.65	93	749658	151.685	ug/l	98
47) Bromodichloromethane	7.89	83	1519792	170.564	ug/l	97
48) Methyl methacrylate	7.76	41	1451199	189.945	ug/l	99
49) 1,4-Dioxane	7.74	88	635208	3109.766	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	9144827	909.746	ug/l	98
52) Toluene	8.78	92	2713223	152.077	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	1742770	181.293	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	1863970	174.974	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	1117170	151.696	ug/l	99
56) Ethyl methacrylate	9.17	69	1936603	178.187	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1877600	158.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	4082594	794.661	ug/l	99
59) 2-Hexanone	9.49	43	7272028	934.733	ug/l	98
60) Dibromochloromethane	9.58	129	1255550	168.996	ug/l	99
61) 1,2-Dibromoethane	9.67	107	1213197	155.587	ug/l	100
64) Tetrachloroethene	9.33	164	1026850	133.818	ug/l	99
65) Chlorobenzene	10.14	112	2962856	145.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1148150	160.771	ug/l	99
67) Ethyl Benzene	10.25	91	5209274	150.532	ug/l	96
68) m/p-Xylenes	10.35	106	4051193	305.217	ug/l	96
69) o-Xylene	10.70	106	1968373	152.462	ug/l	99
70) Styrene	10.71	104	3488753	161.874	ug/l	99
71) Bromoform	10.85	173	1089245	190.324	ug/l	99
73) Isopropylbenzene	11.01	105	5175675	139.089	ug/l	99
74) N-amyl acetate	10.89	43	2726511	184.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1942759	157.349	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	2258845	225.524	ug/l	81
77) Bromobenzene	11.25	156	1415066	138.756	ug/l	98
78) n-propylbenzene	11.35	91	5951351	144.447	ug/l	98
79) 2-Chlorotoluene	11.42	91	3550088	143.642	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	4518982	145.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	707216	187.611	ug/l	96
82) 4-Chlorotoluene	11.51	91	4232400	147.155	ug/l	99
83) tert-Butylbenzene	11.77	119	4601325	149.960	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	4567608	145.961	ug/l	99
85) sec-Butylbenzene	11.94	105	5214293	146.195	ug/l	99
86) p-Isopropyltoluene	12.06	119	4909342	148.758	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	2543604	143.458	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	2584449	142.616	ug/l	100
89) n-Butylbenzene	12.39	91	4517059	159.686	ug/l	99
90) Hexachloroethane	12.59	117	945375	178.337	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	2601278	148.085	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	476398	180.851	ug/l	97

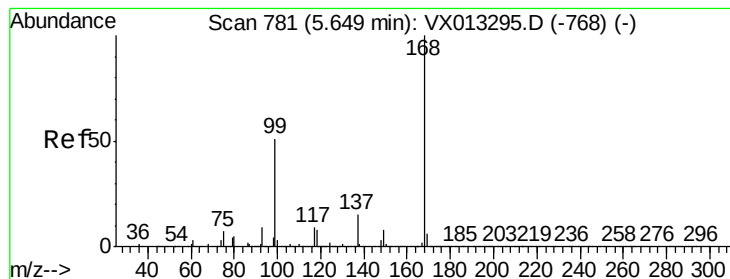
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1915816	160.345	ug/l	100
94) Hexachlorobutadiene	13.78	225	905710	153.329	ug/l	99
95) Naphthalene	13.83	128	6017803	167.415	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1880466	157.539	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

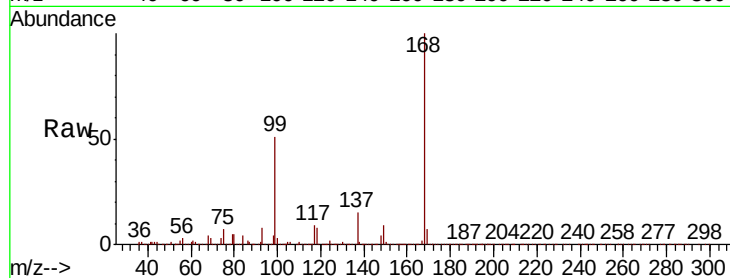
ClientSampleId :

Tot Ion:168 Resp: 687523

Ion Ratio Lower Upper

168 100

99 50.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

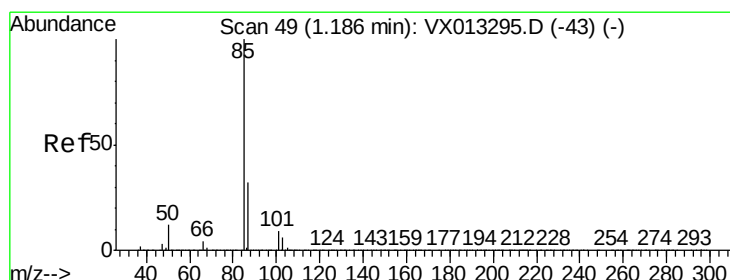
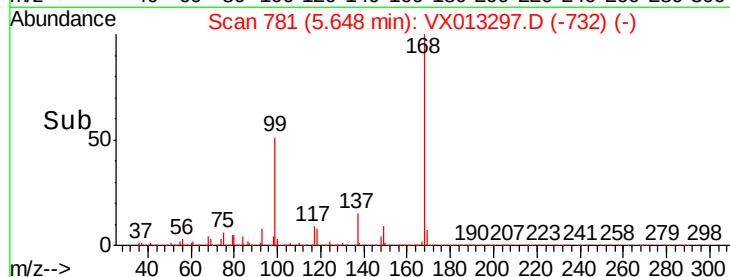
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 189.950 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013297.D

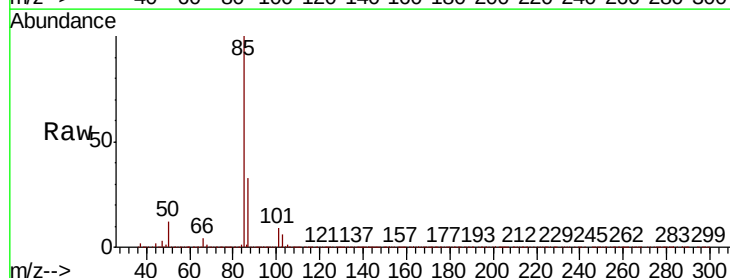
Acq: 31 Oct 2019 18:15

Tgt Ion: 85 Resp: 1249911

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

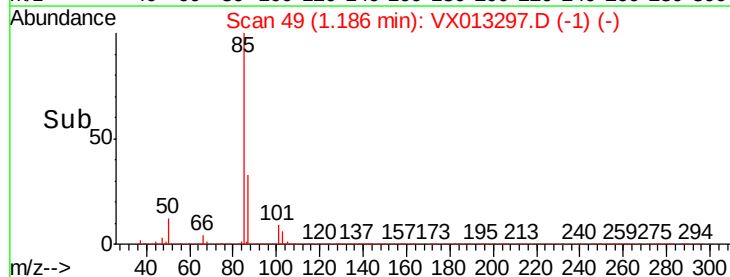
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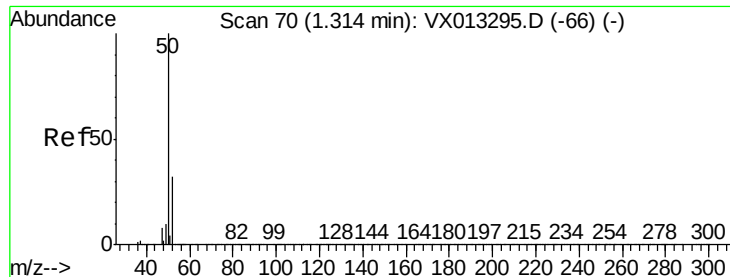
500000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 195.340 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

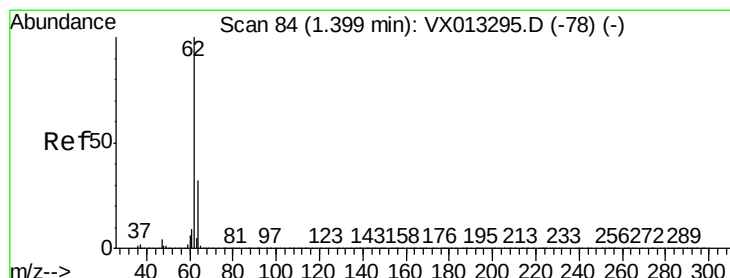
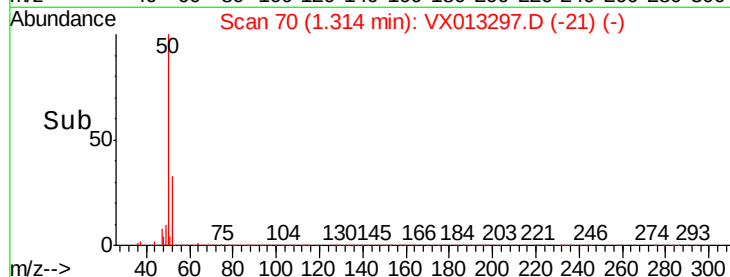
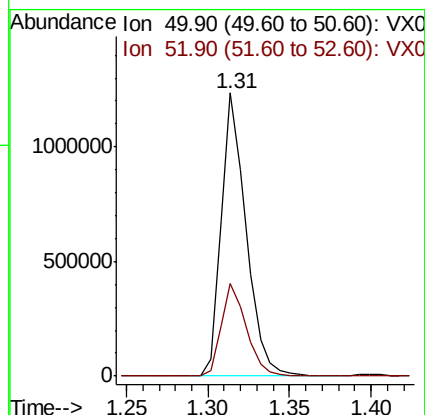
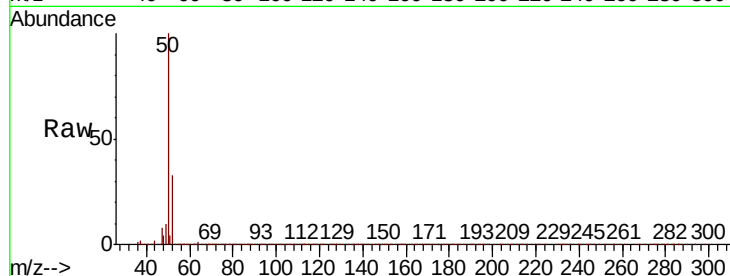
ClientSampled :

Tot Ion: 50 Resp: 1318107

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 212.693 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013297.D

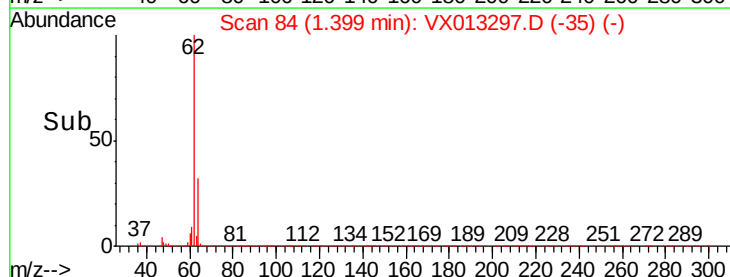
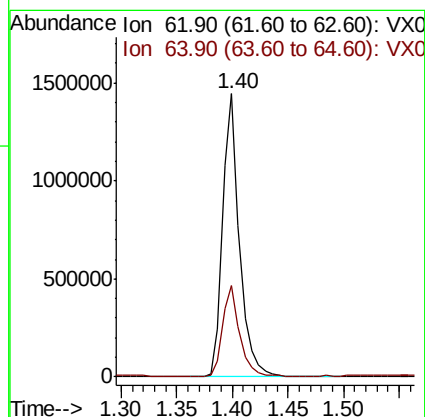
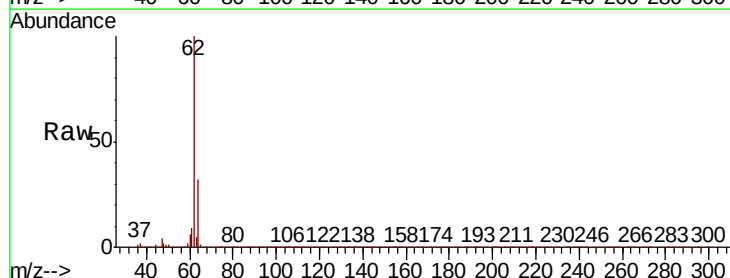
Acq: 31 Oct 2019 18:15

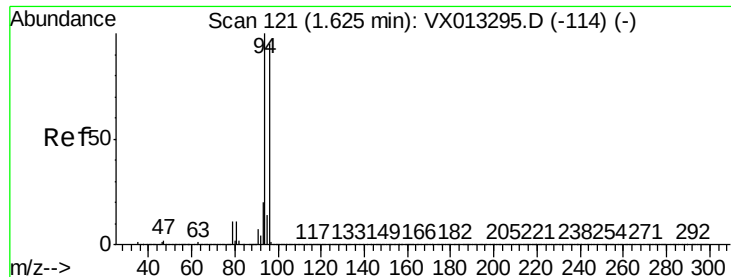
Tgt Ion: 62 Resp: 1502150

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 252.006 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

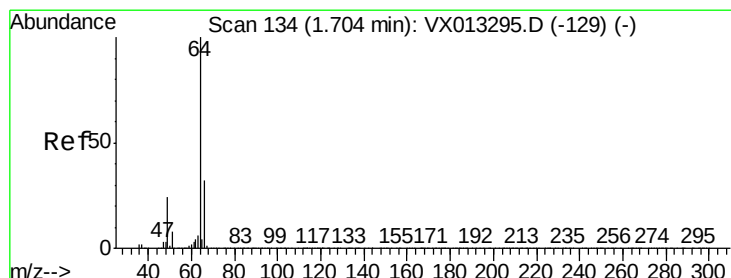
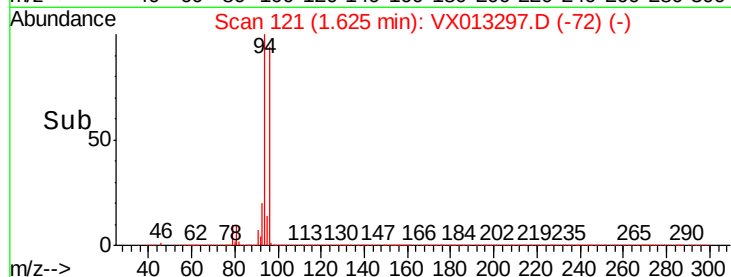
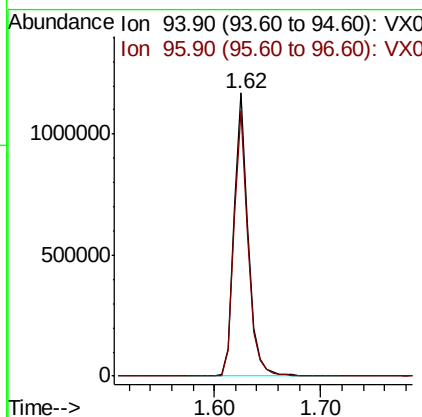
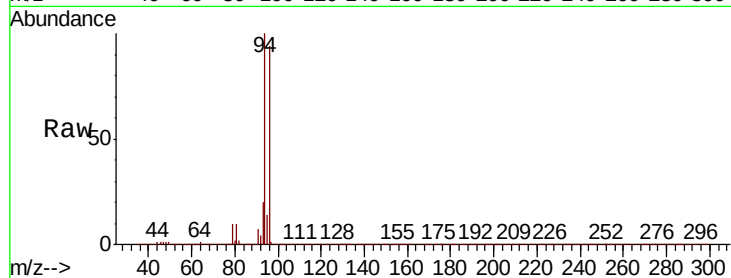
ClientSampleId :

Tot Ion: 94 Resp: 1086242

Ion Ratio Lower Upper

94 100

96 93.6 75.8 113.8



#6

Chloroethane

Concen: 187.257 ug/l

RT: 1.69 min Scan# 132

Delta R.T. -0.01 min

Lab File: VX013297.D

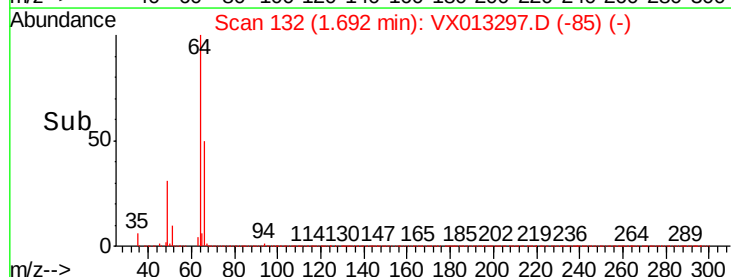
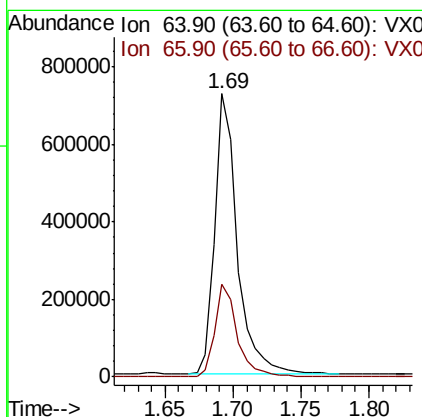
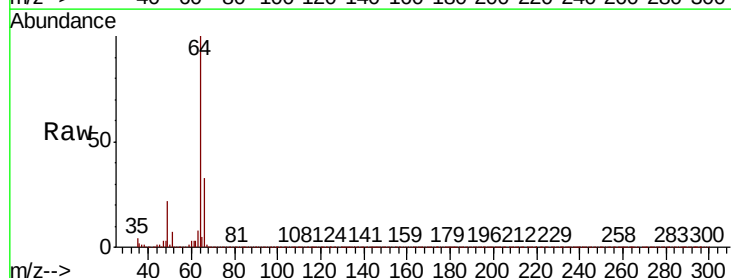
Acq: 31 Oct 2019 18:15

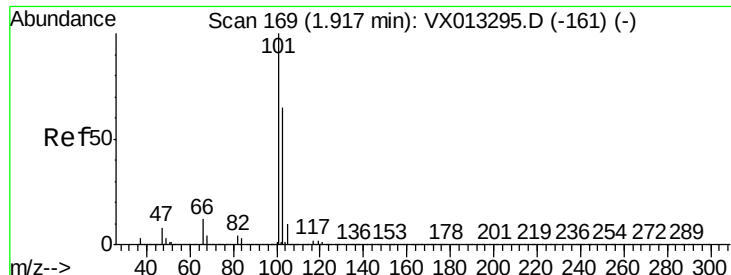
Tgt Ion: 64 Resp: 826537

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



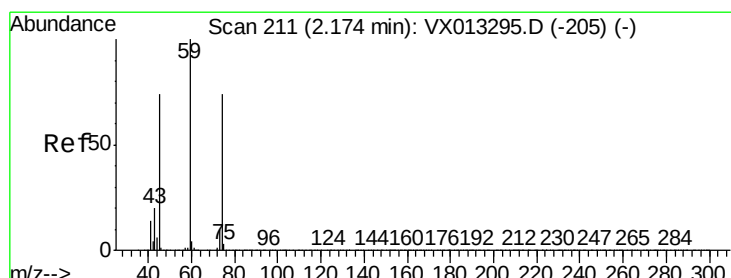
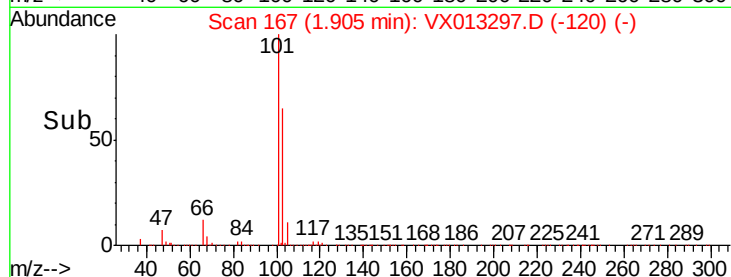
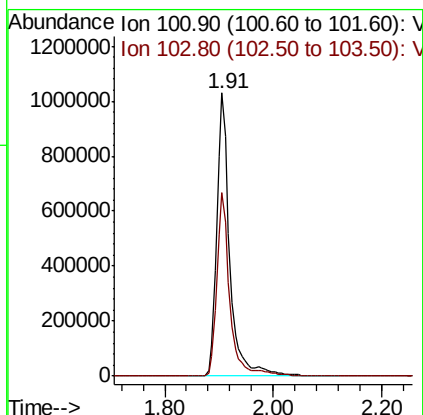
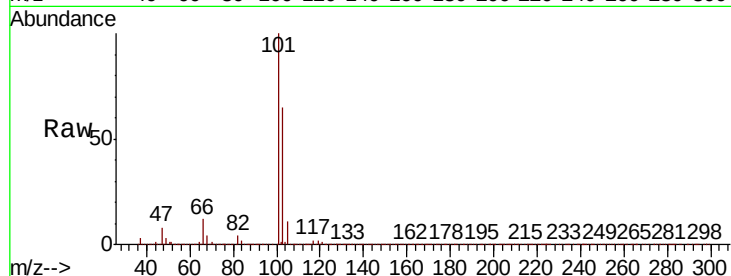


#7

Trichlorofluoromethane
Concen: 156.154 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :

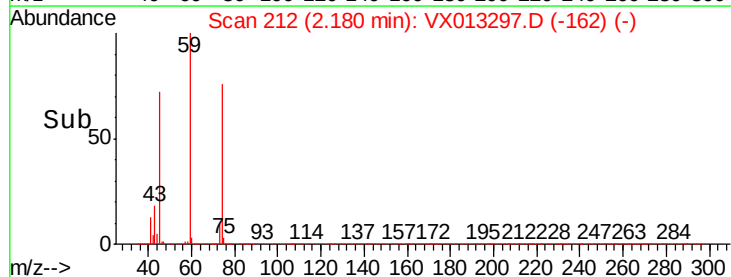
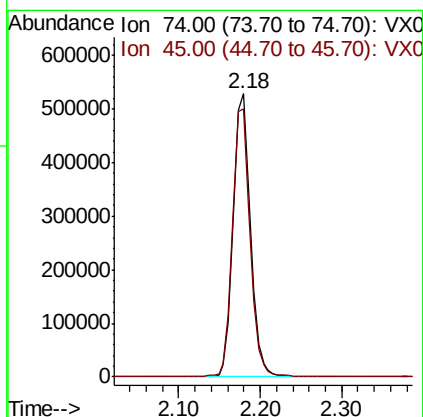
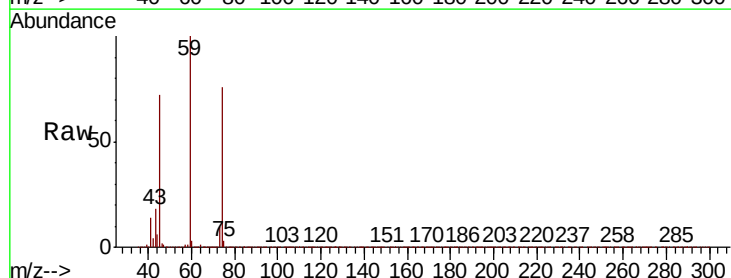
Tot Ion:101 Resp: 1715841
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

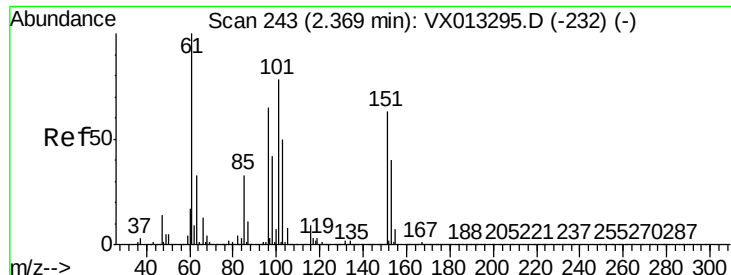


#8

Diethyl Ether
Concen: 188.884 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 74 Resp: 757447
Ion Ratio Lower Upper
74 100
45 97.0 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 154.980 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

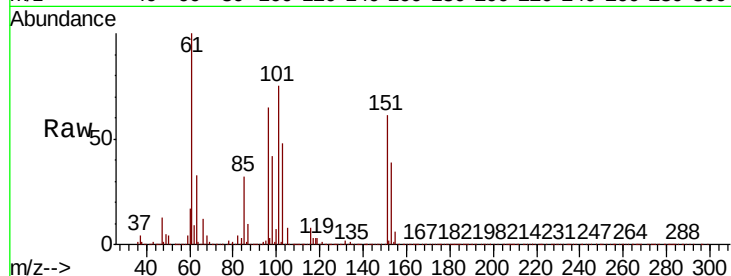
Tot Ion:101 Resp: 972851

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

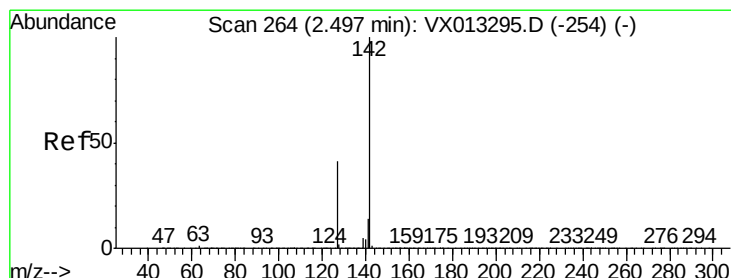
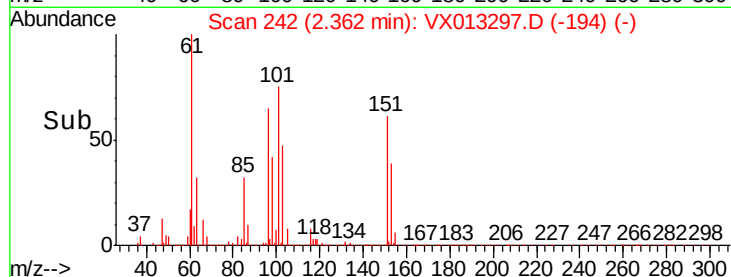
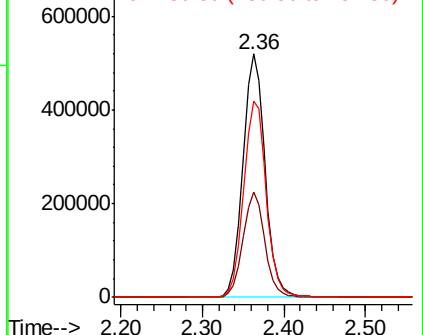
151 82.6 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 163.147 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

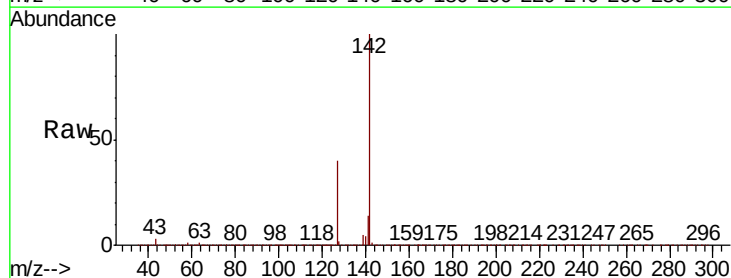
Tgt Ion:142 Resp: 1324626

Ion Ratio Lower Upper

142 100

127 39.9 32.6 49.0

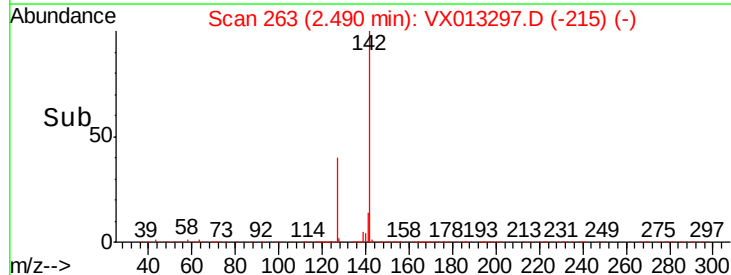
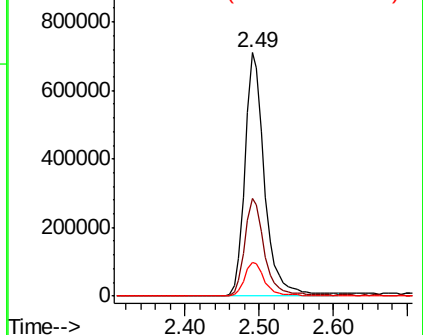
141 14.1 11.6 17.4

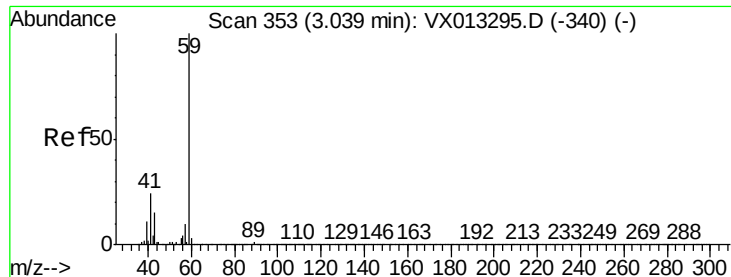


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



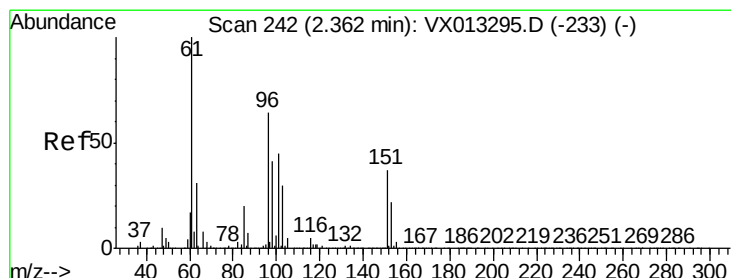
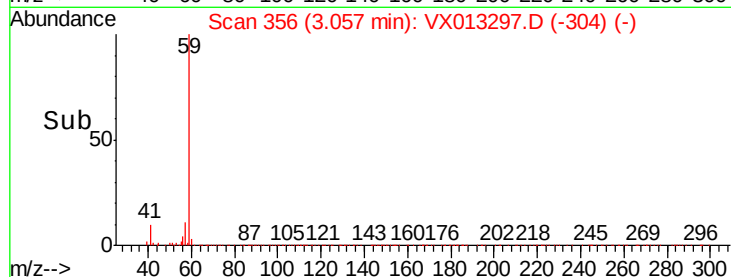
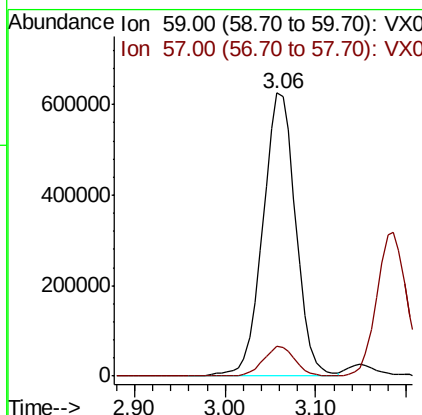
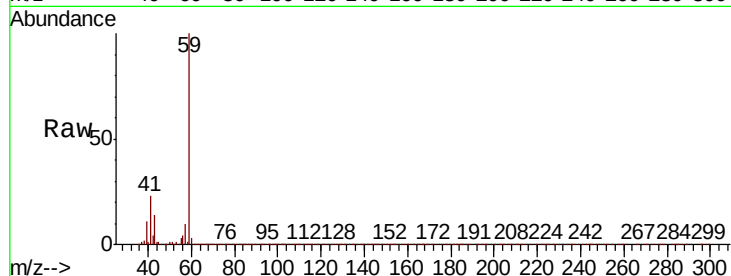


#11

Tert butyl alcohol
Concen: 877.832 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :

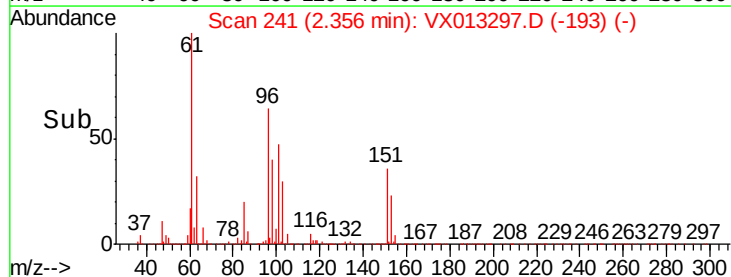
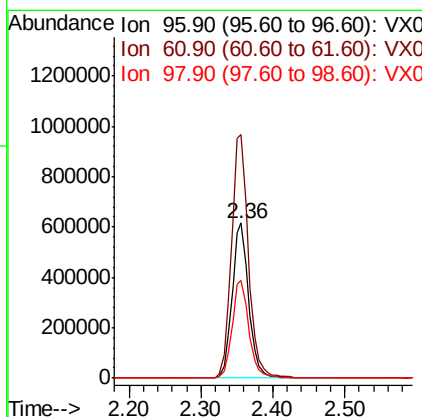
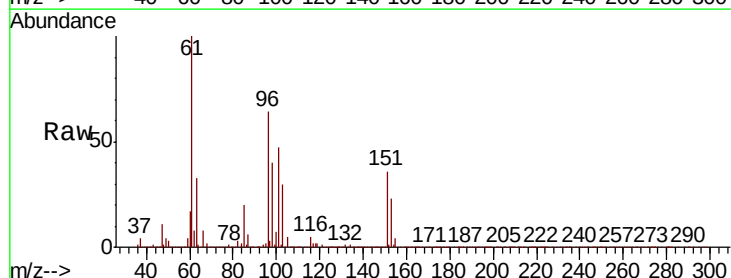
Tot Ion: 59 Resp: 1568321
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0

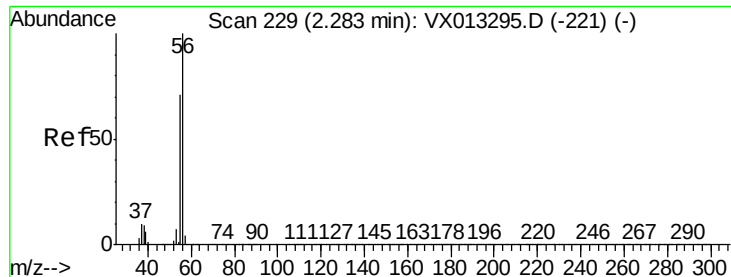


#12

1,1-Dichloroethene
Concen: 160.240 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 96 Resp: 988675
Ion Ratio Lower Upper
96 100
61 156.9 125.0 187.6
98 63.2 50.7 76.1

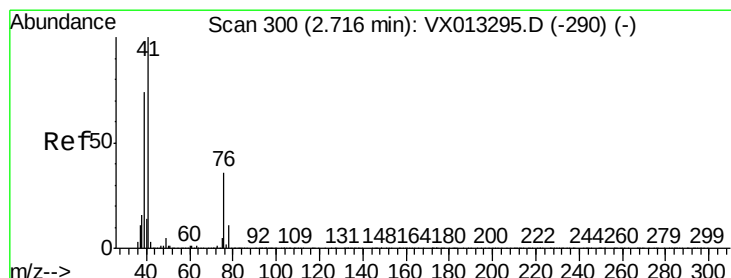
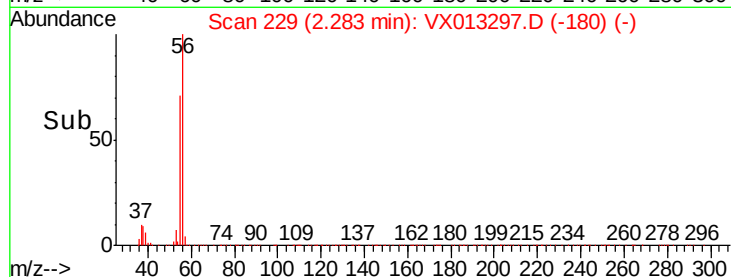
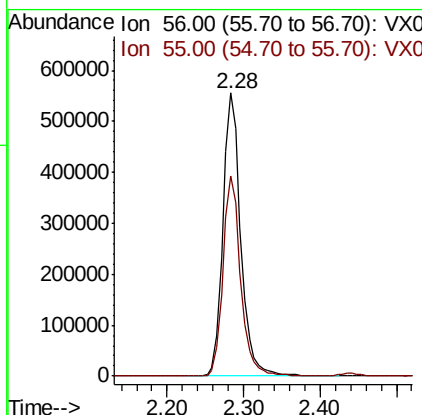
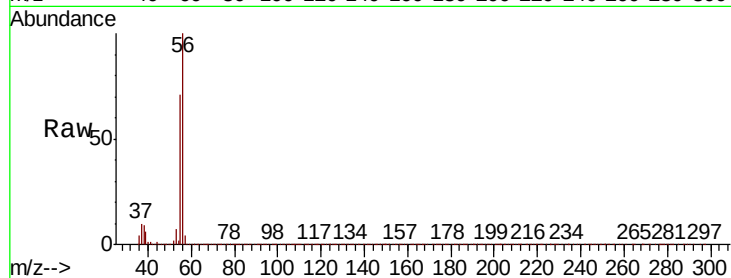




#13
Acrolein
Concen: 858.625 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

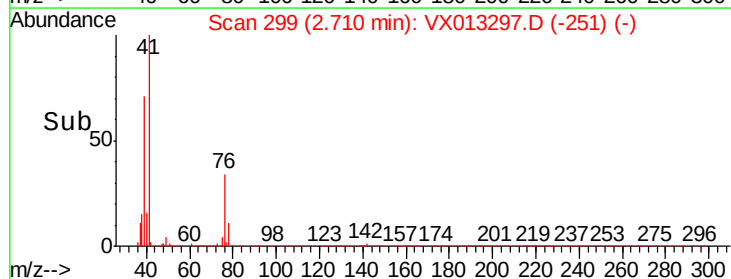
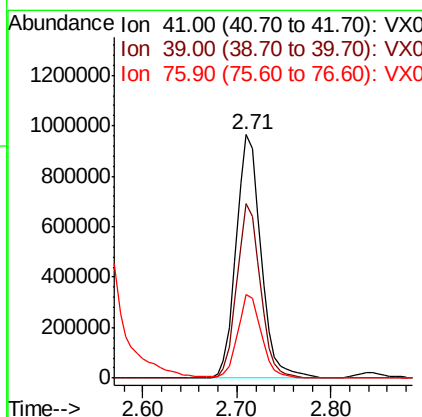
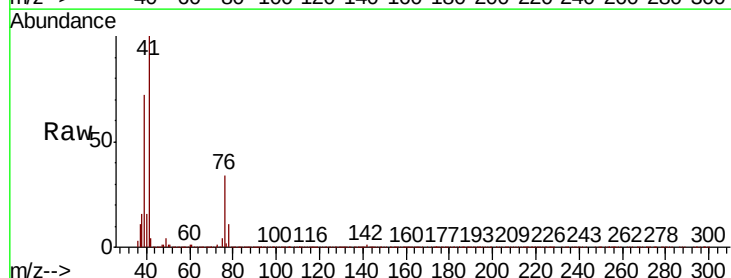
Instrument :
MSVOA_X
ClientSampleId :

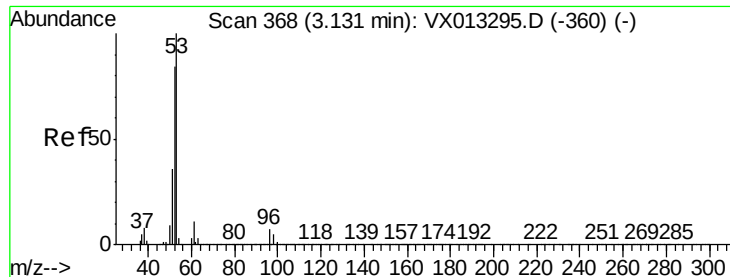
Tot Ion: 56 Resp: 888096
Ion Ratio Lower Upper
56 100
55 70.0 57.4 86.0



#14
Allyl chloride
Concen: 190.087 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 41 Resp: 1779286
Ion Ratio Lower Upper
41 100
39 67.8 55.8 83.8
76 32.7 26.4 39.6





#15

Acrylonitrile

Concen: 892.171 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

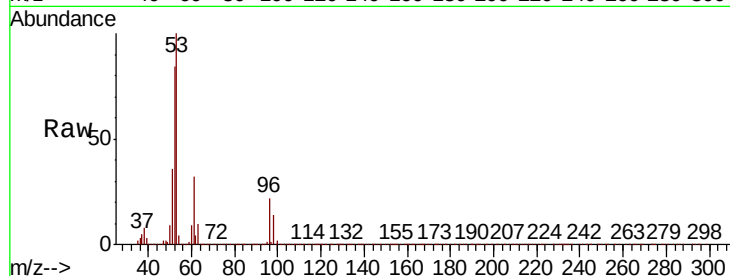
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 3199252

Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.4	101.0
51	36.6	29.4	44.2

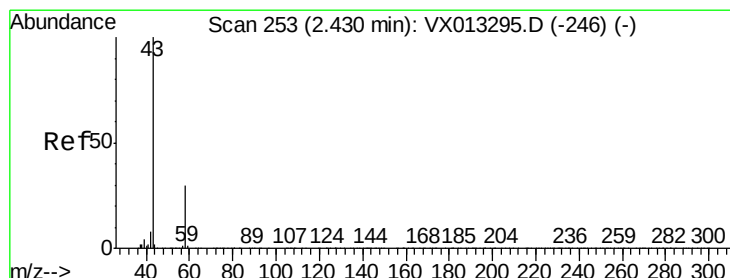
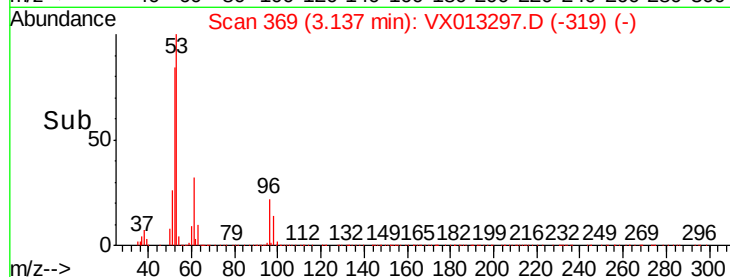
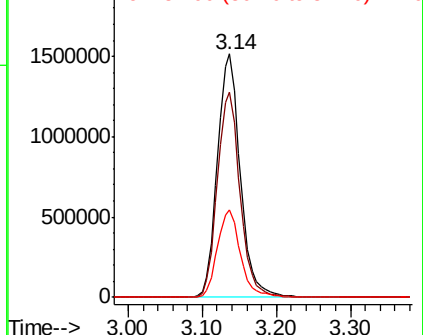


Abundance

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: 863.394 ug/l

RT: 2.44 min Scan# 255

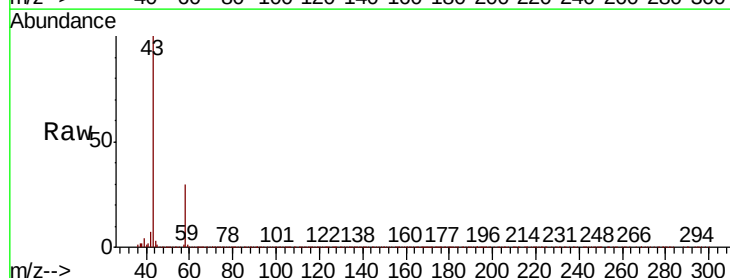
Delta R.T. 0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Tgt Ion: 43 Resp: 2985213

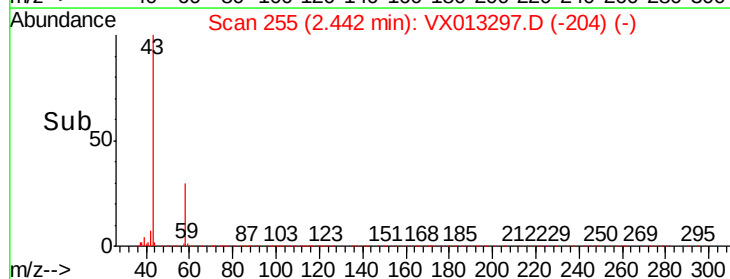
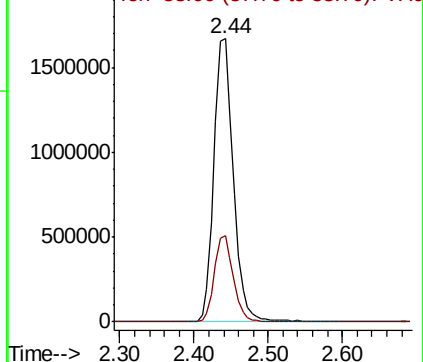
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.3	36.5

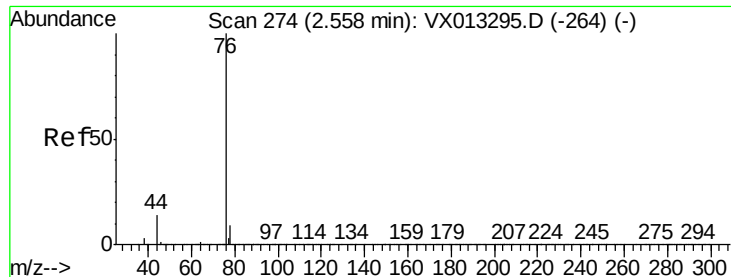


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 172.277 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

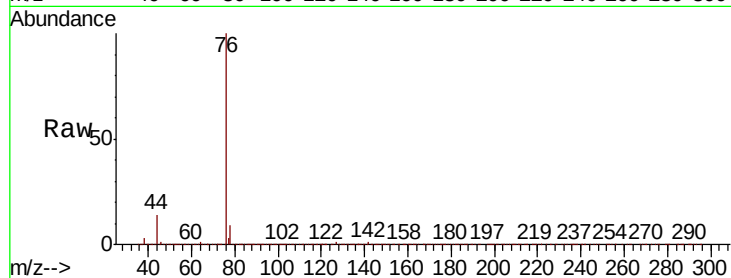
ClientSampleId :

Tot Ion: 76 Resp: 2746603

Ion Ratio Lower Upper

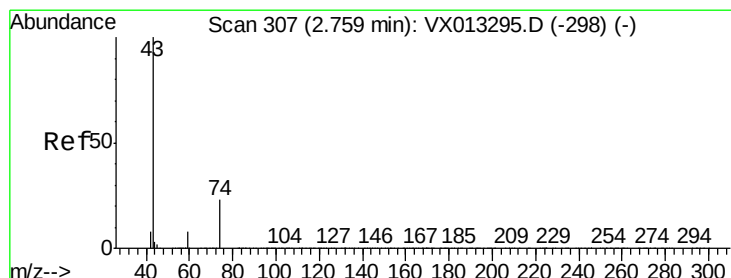
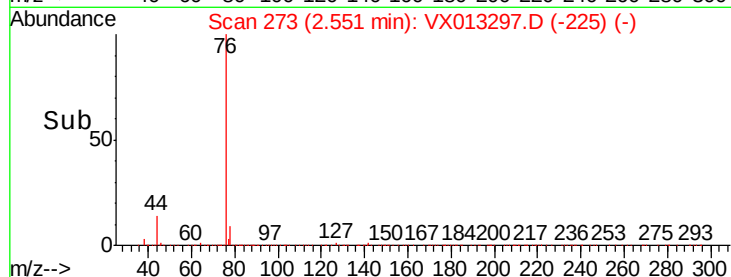
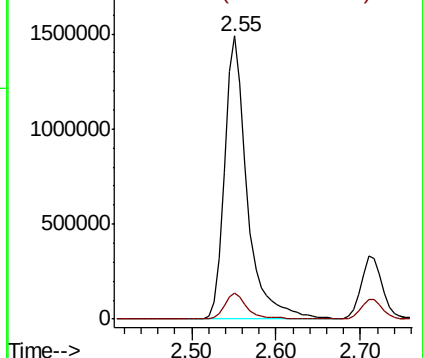
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 213.785 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013297.D

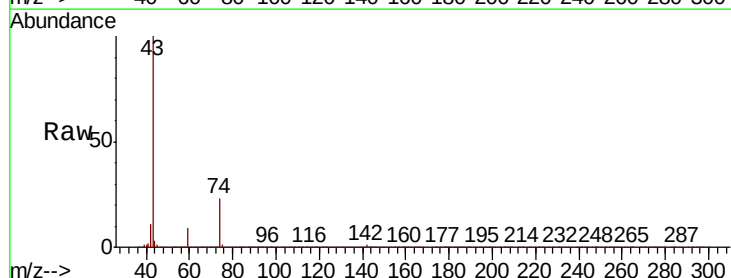
Acq: 31 Oct 2019 18:15

Tgt Ion: 43 Resp: 1779148

Ion Ratio Lower Upper

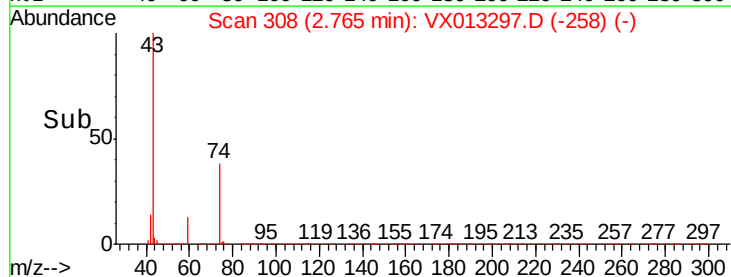
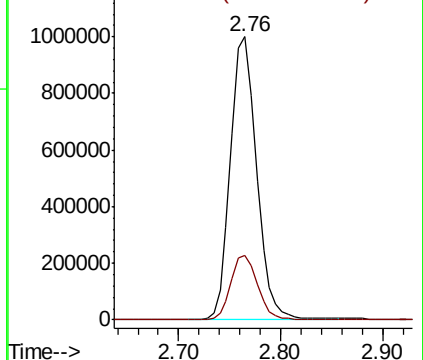
43 100

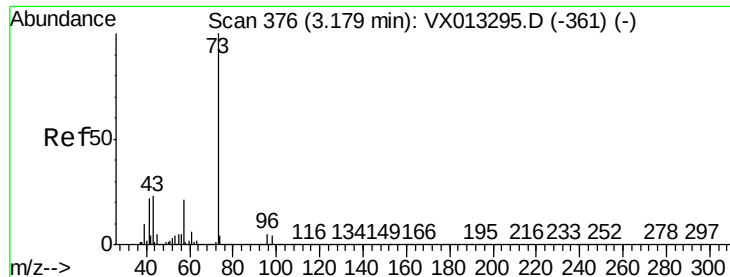
74 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



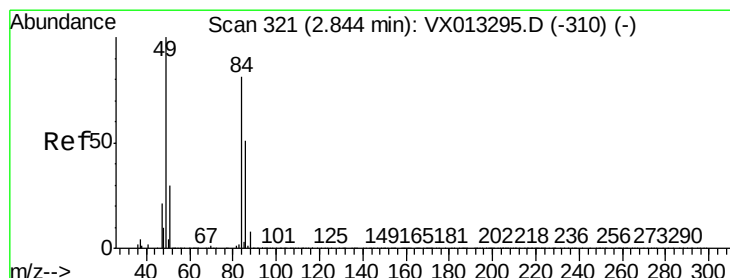
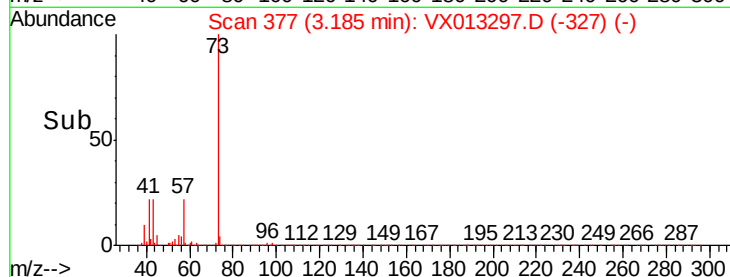
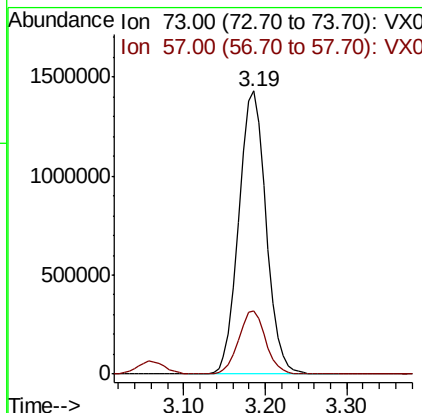
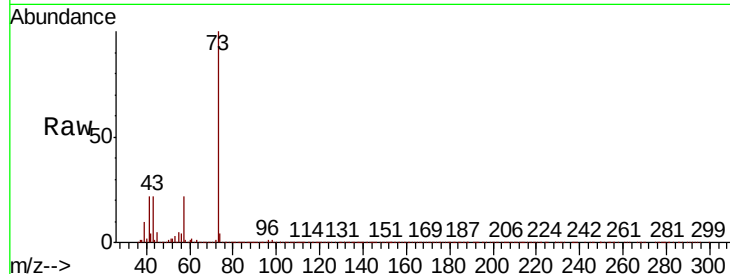


#19

Methyl tert-butyl Ether
 Concen: 163.805 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :

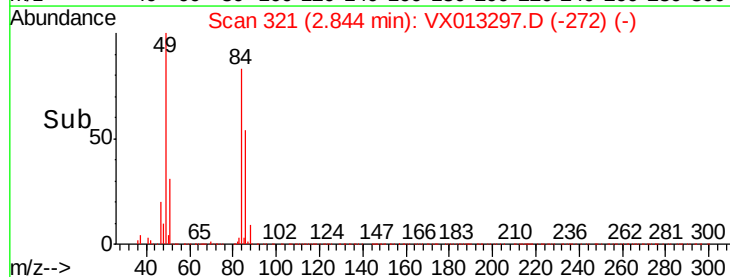
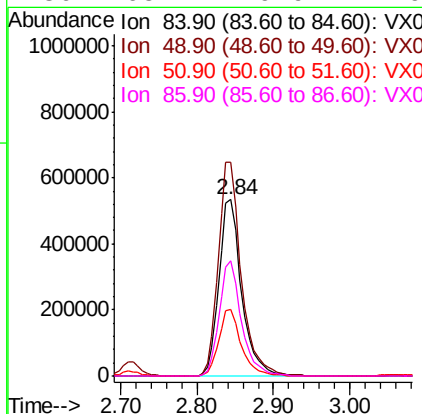
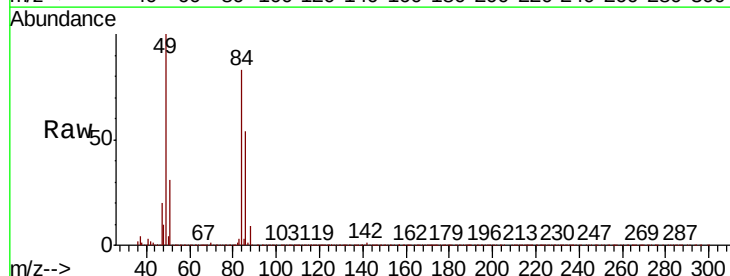
Tot Ion: 73 Resp: 3308526
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.1 25.7

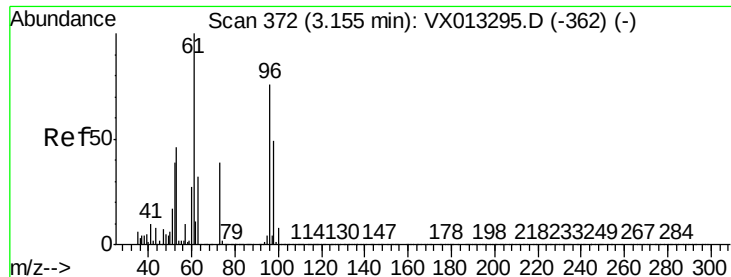


#20

Methylene Chloride
 Concen: 154.579 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Tgt Ion: 84 Resp: 1096677
 Ion Ratio Lower Upper
 84 100
 49 121.1 98.2 147.4
 51 37.5 29.9 44.9
 86 65.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 161.438 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :
MSVOA_X
ClientSampled :

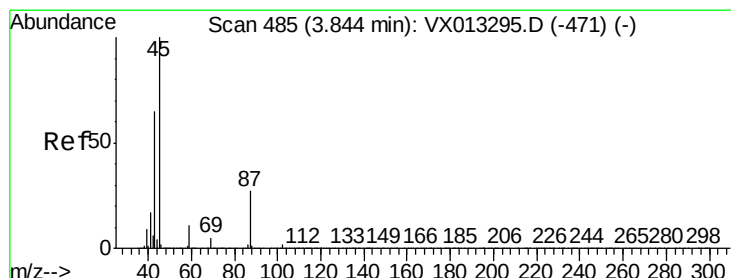
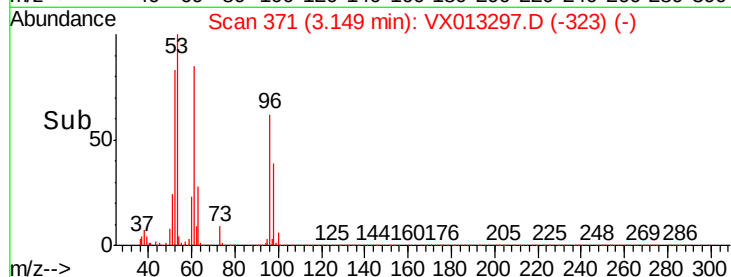
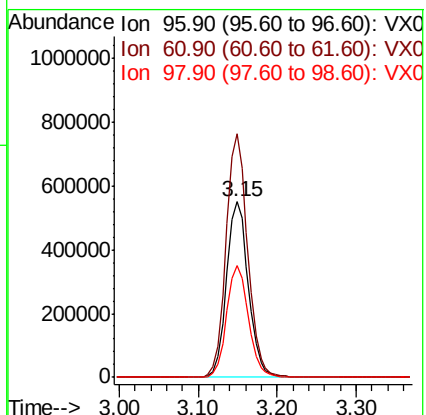
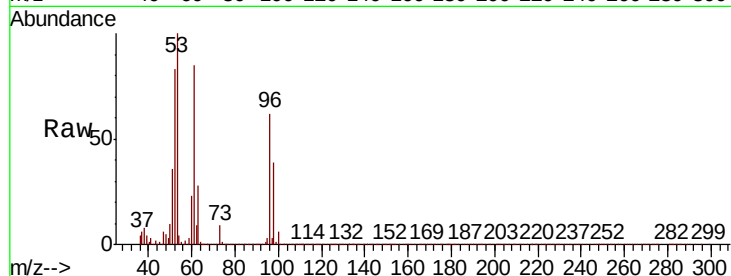
Tot Ion: 96 Resp: 1062674

Ion Ratio Lower Upper

96 100

61 138.6 105.8 158.6

98 63.6 51.8 77.6



#22

Diisopropyl ether

Concen: 176.760 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Tgt Ion: 45 Resp: 3462280

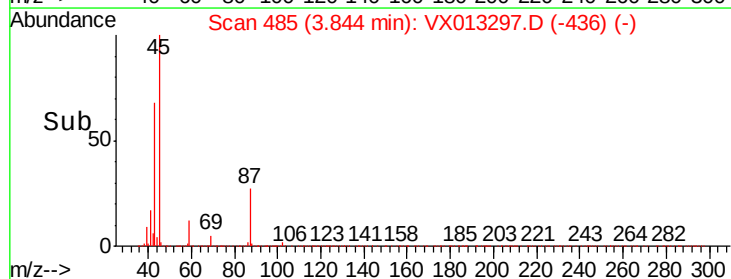
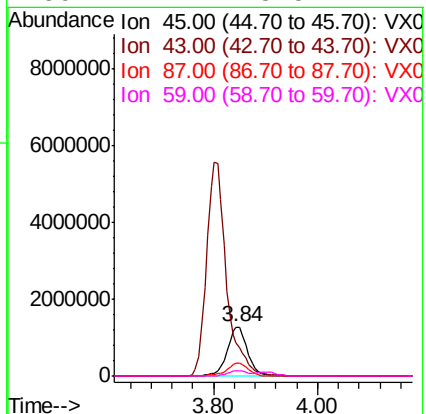
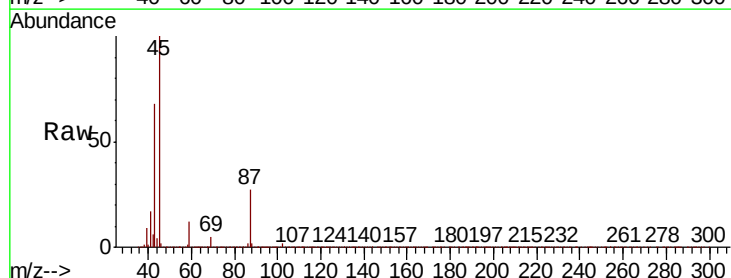
Ion Ratio Lower Upper

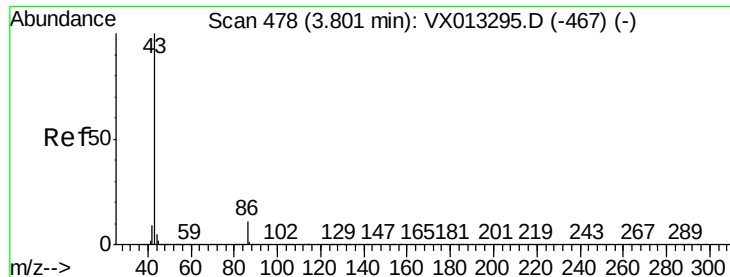
45 100

43 67.9 54.2 81.2

87 27.2 21.8 32.8

59 11.7 8.5 12.7





#23

Vinyl Acetate

Concen: 893.005 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

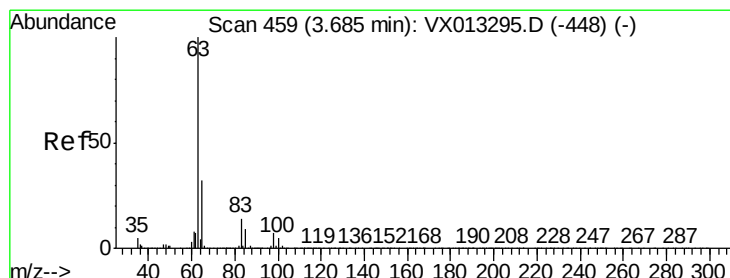
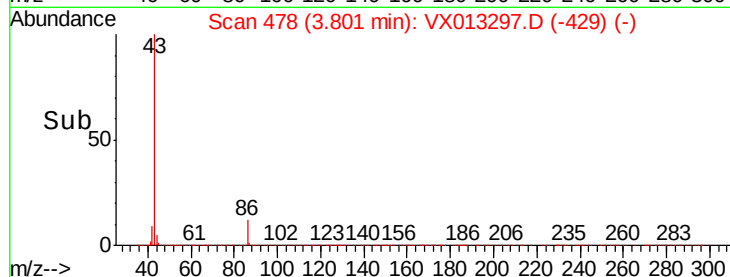
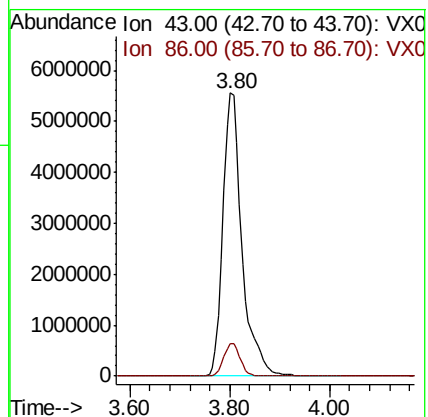
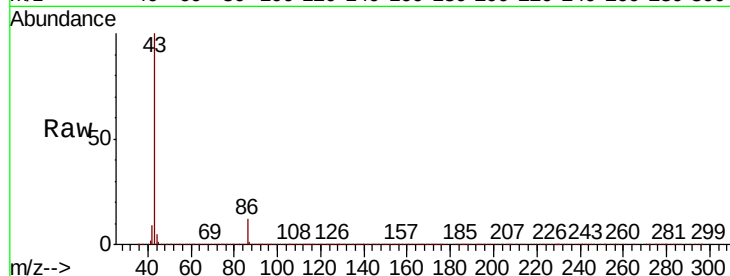
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp:14733231

Ion Ratio Lower Upper

43 100

86 11.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 169.251 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

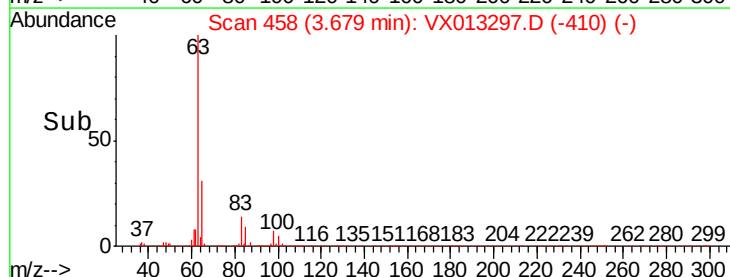
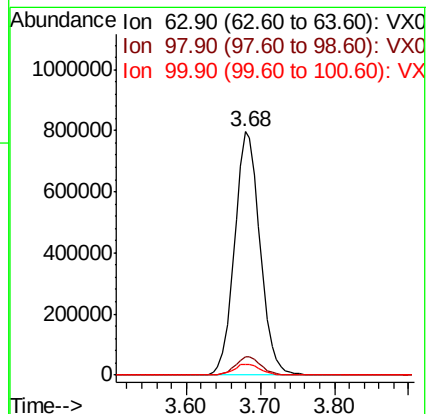
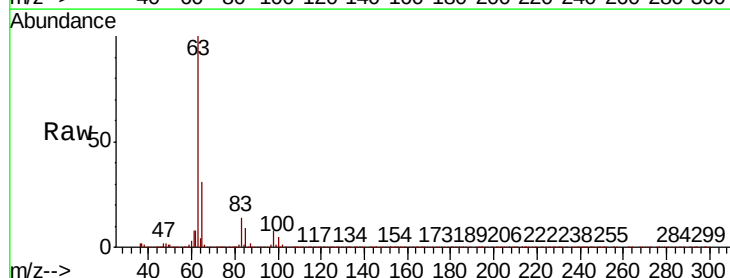
Tgt Ion: 63 Resp: 1901091

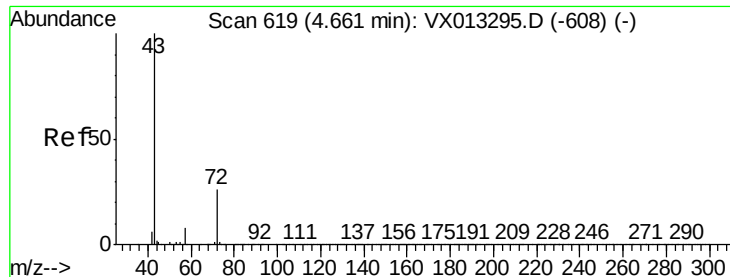
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 937.442 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

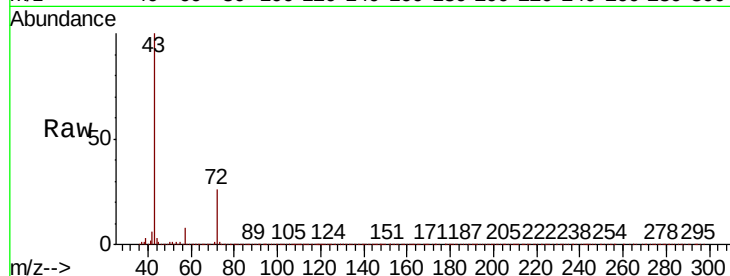
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4687098

Ion Ratio Lower Upper

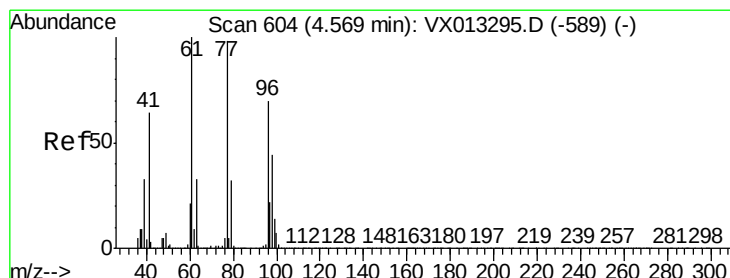
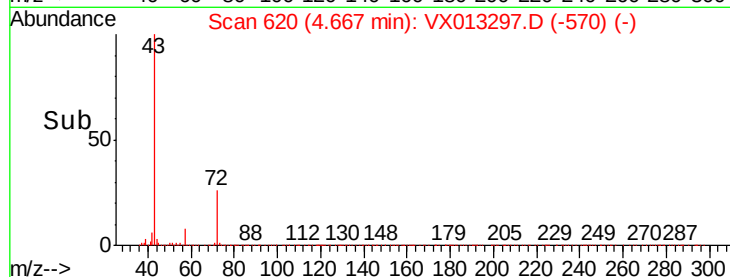
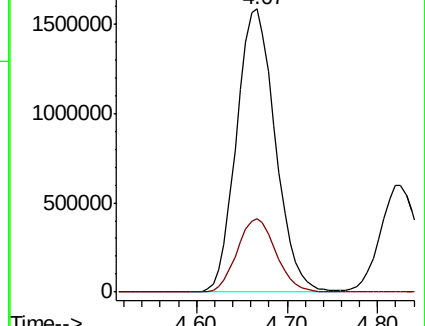
43 100

72 25.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 167.367 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013297.D

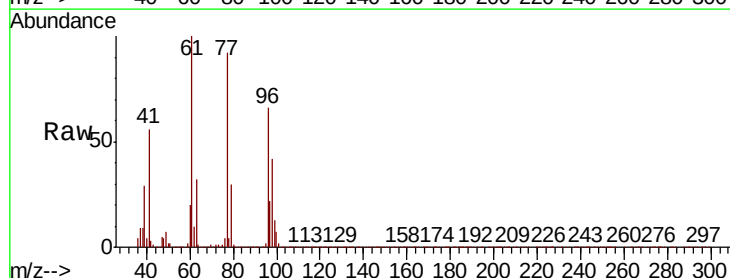
Acq: 31 Oct 2019 18:15

Tgt Ion: 77 Resp: 1530853

Ion Ratio Lower Upper

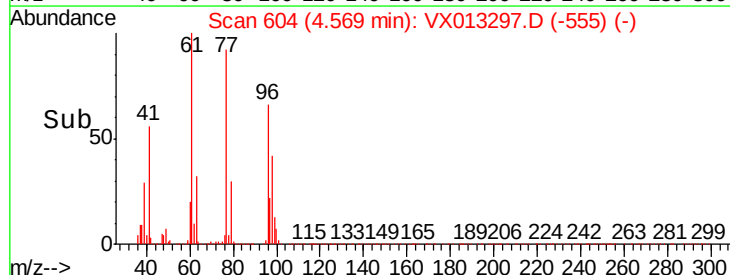
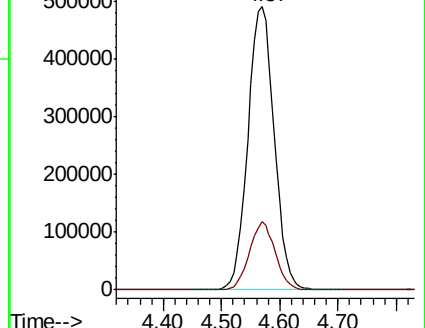
77 100

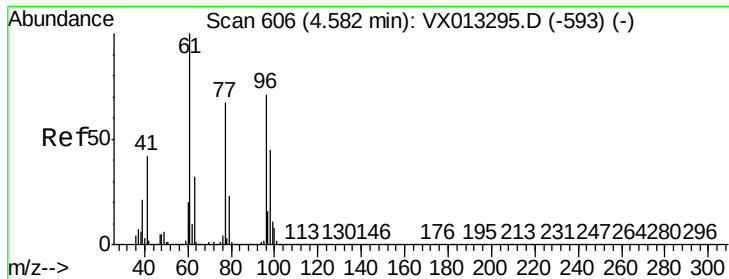
97 23.4 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



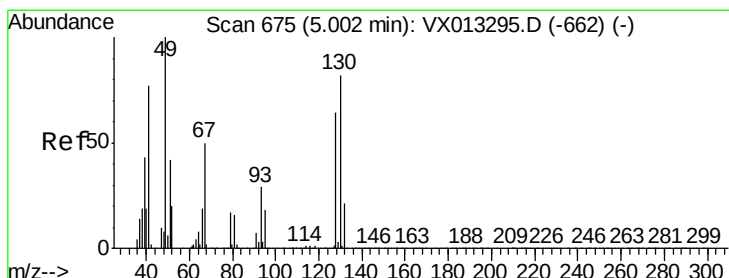
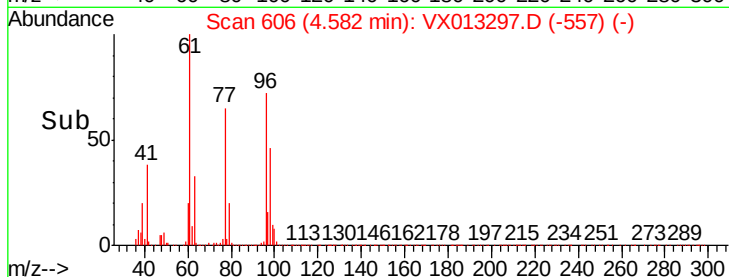
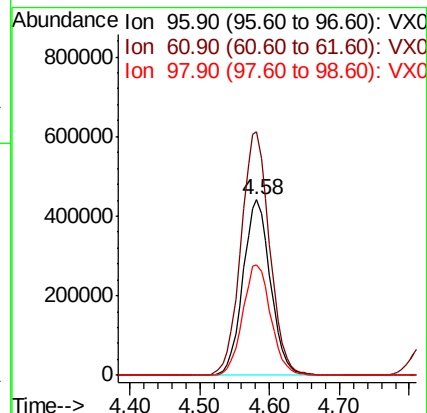
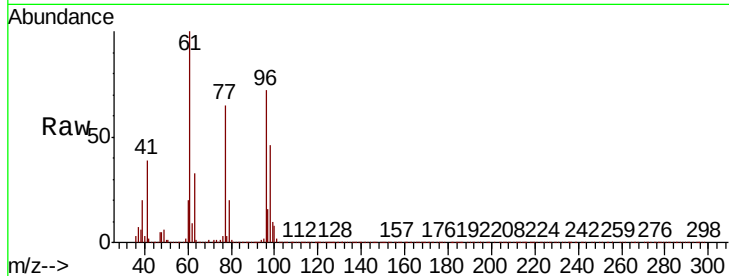


#27

cis-1,2-Dichloroethene
Concen: 157.170 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :

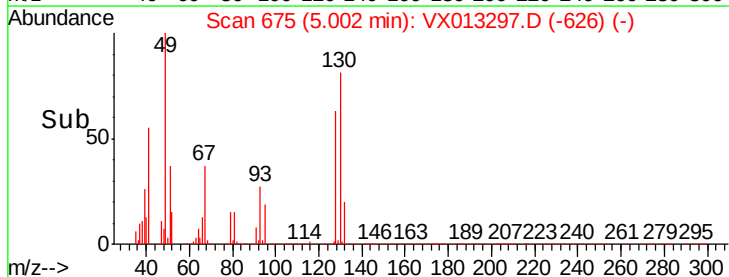
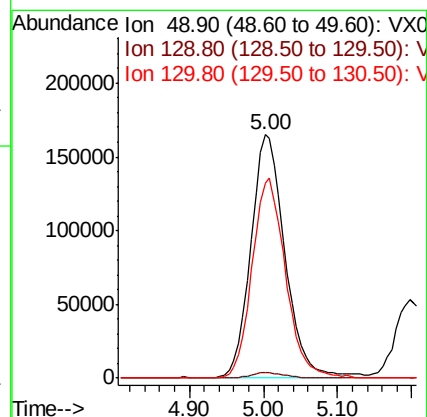
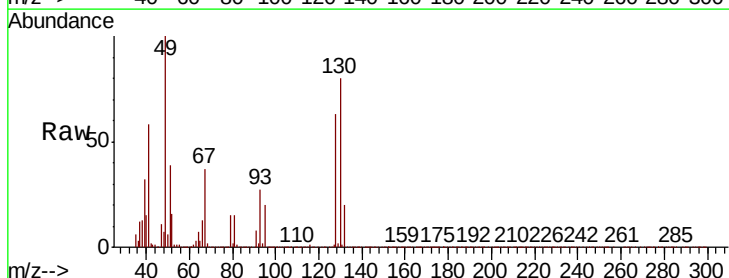
Tot Ion: 96 Resp: 1200706
Ion Ratio Lower Upper
96 100
61 144.7 0.0 288.0
98 64.5 0.0 129.6

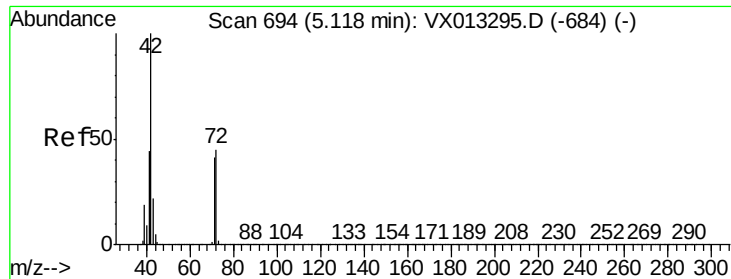


#28

Bromochloromethane
Concen: 106.846 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 49 Resp: 525509
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.2
130 81.1 63.8 95.6

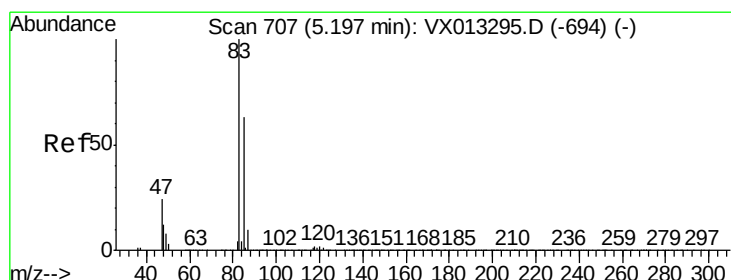
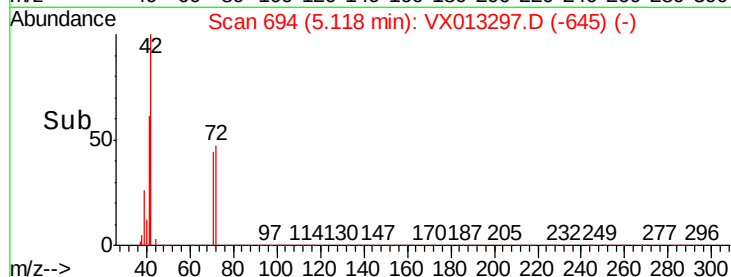
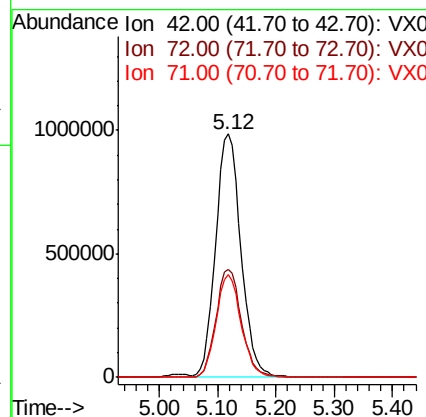
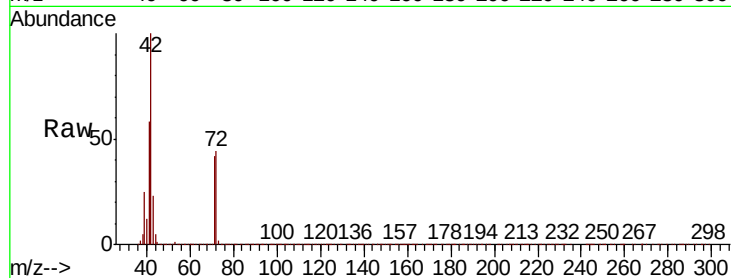




#29
Tetrahydrofuran
Concen: 936.870 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

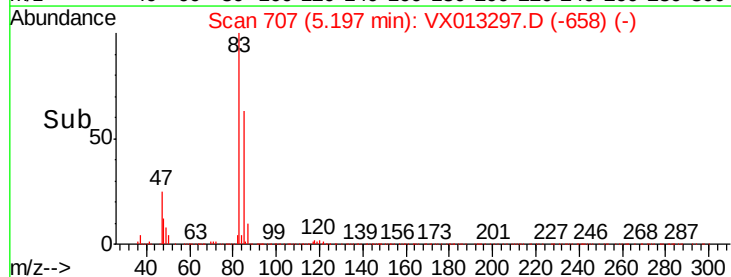
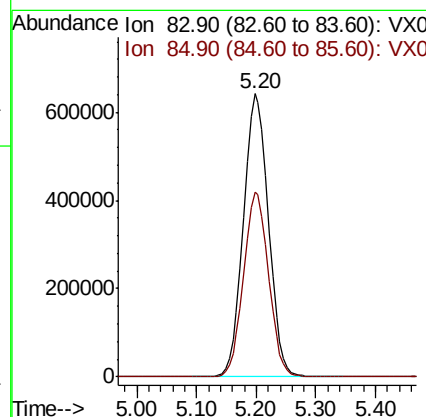
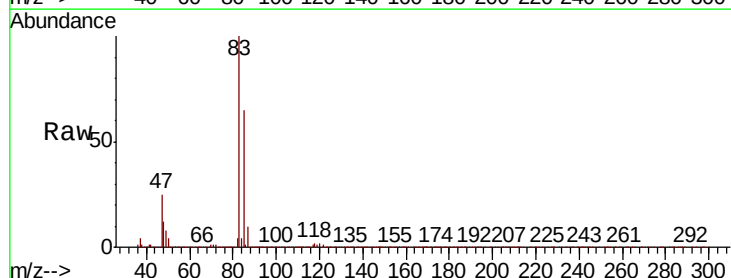
Instrument :
MSVOA_X
ClientSampleId :

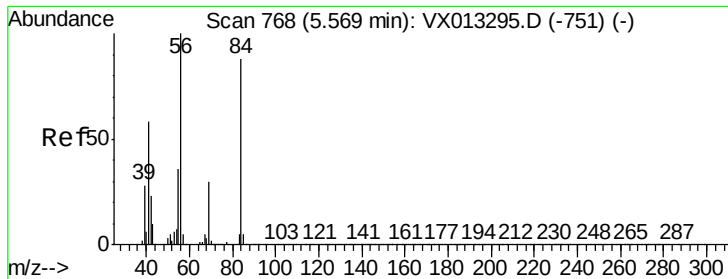
Tot Ion: 42 Resp: 2970809
Ion Ratio Lower Upper
42 100
72 44.8 35.8 53.8
71 41.6 33.4 50.0



#30
Chloroform
Concen: 156.758 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 83 Resp: 1878352
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4

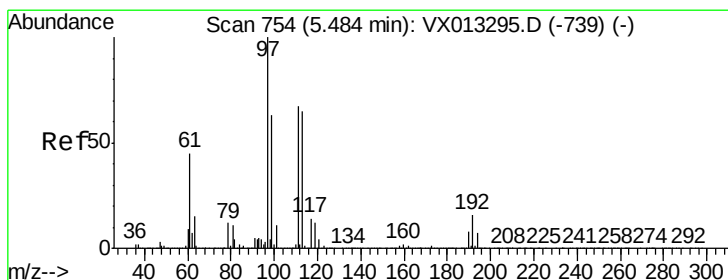
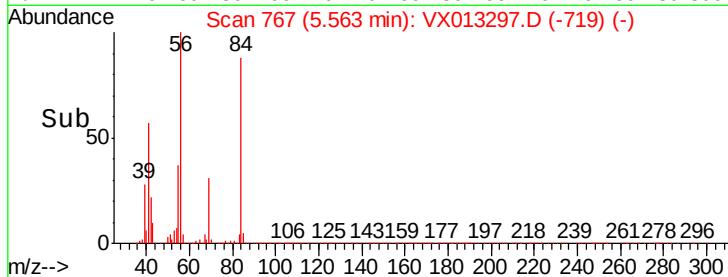
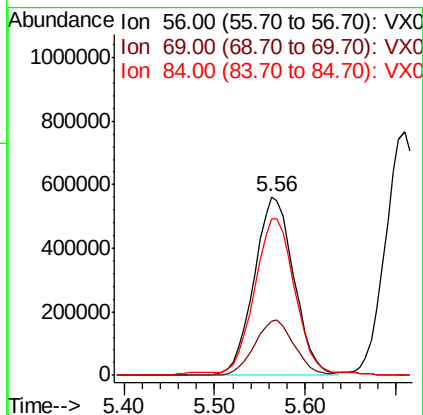
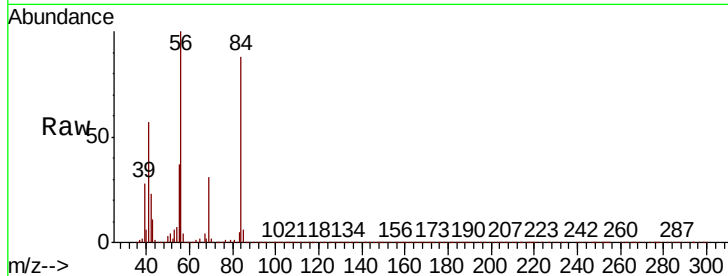




#31
Cyclohexane
Concen: 166.740 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

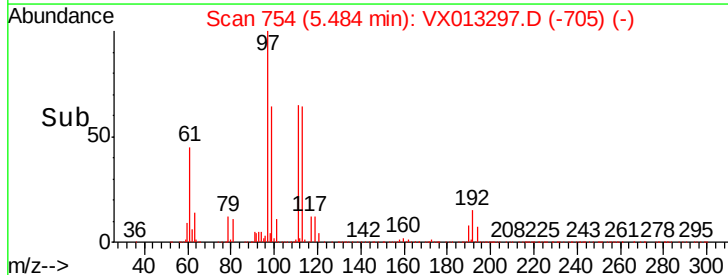
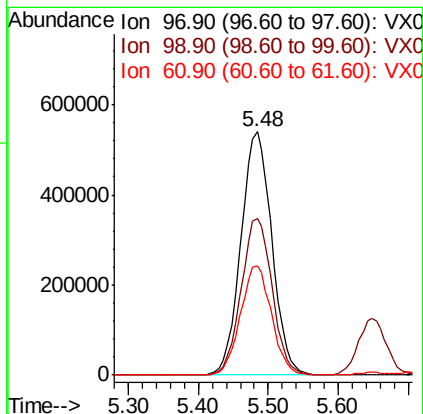
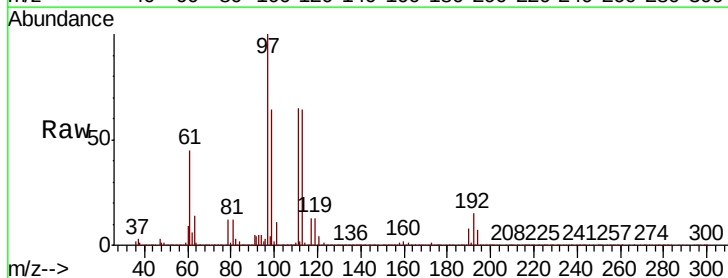
Instrument :
MSVOA_X
ClientSampled :

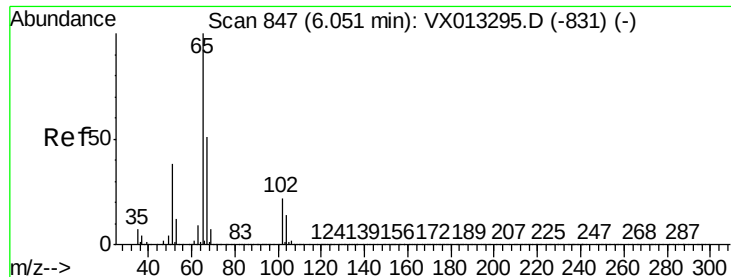
Tot Ion: 56 Resp: 1704276
Ion Ratio Lower Upper
56 100
69 30.7 23.7 35.5
84 86.6 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 160.741 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 97 Resp: 1654515
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 45.2 36.5 54.7

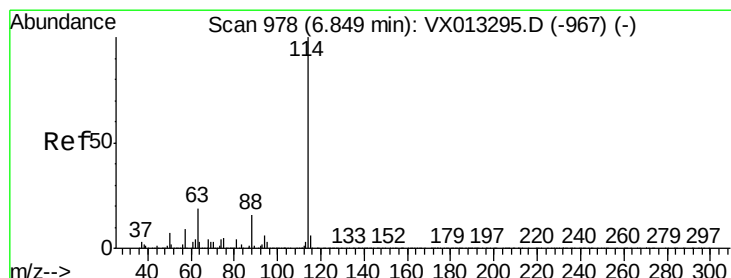
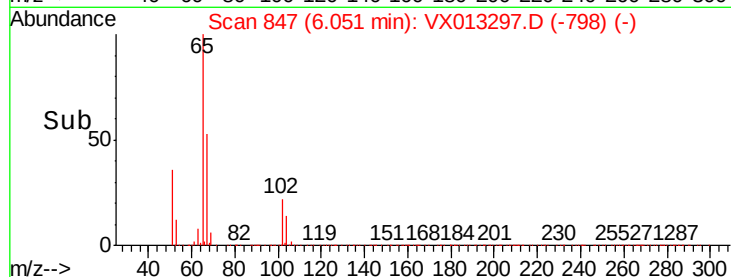
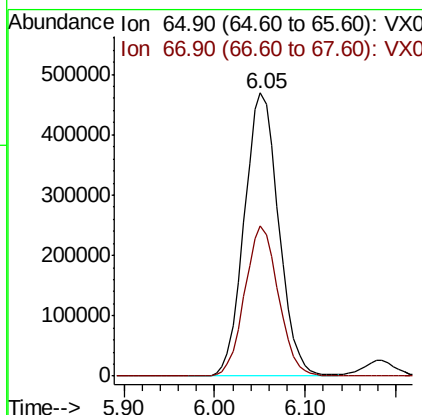
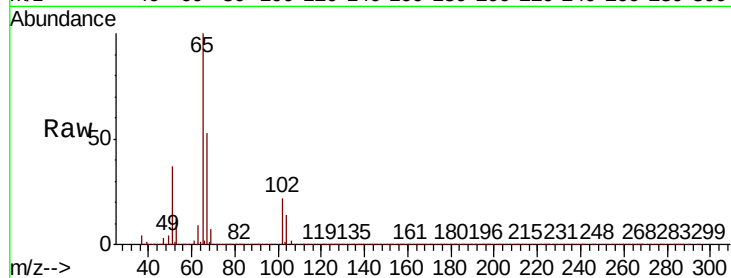




#33
 1,2-Dichloroethane-d4
 Concen: 163.596 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

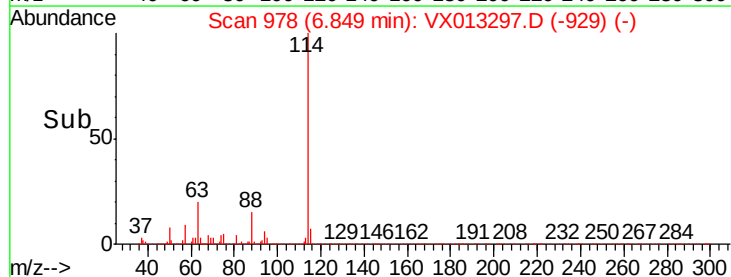
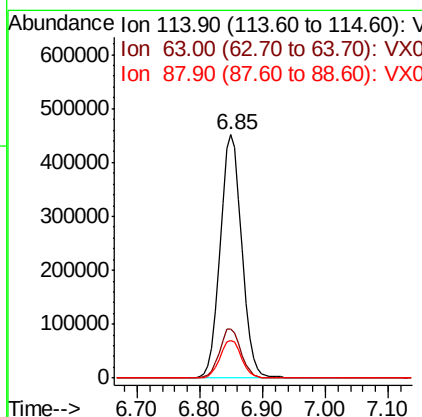
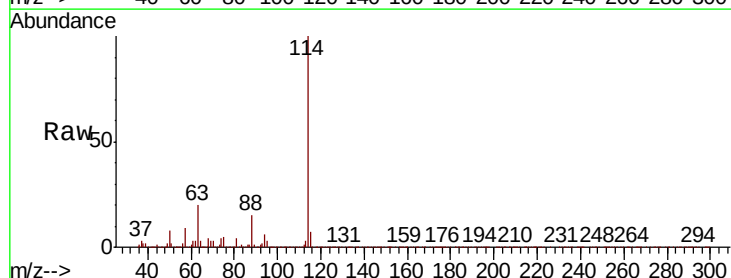
Instrument :
 MSVOA_X
 ClientSampleId :

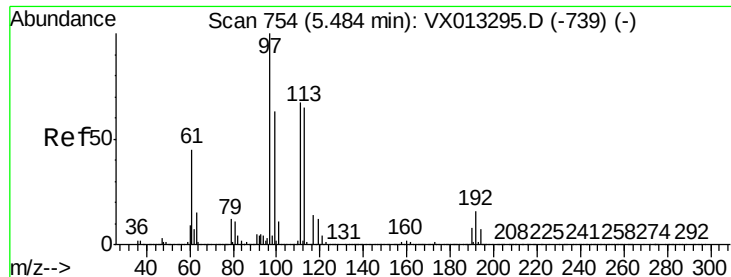
Tot Ion: 65 Resp: 1229472
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Tgt Ion: 114 Resp: 1072083
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.4
 88 15.2 0.0 32.2

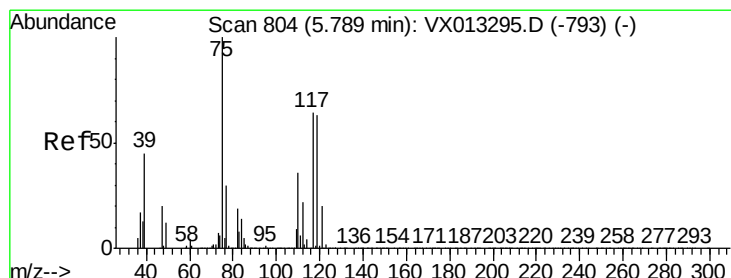
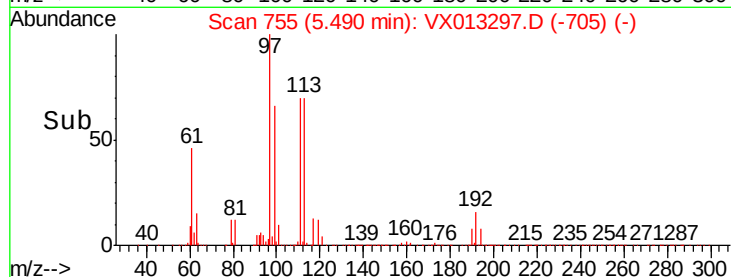
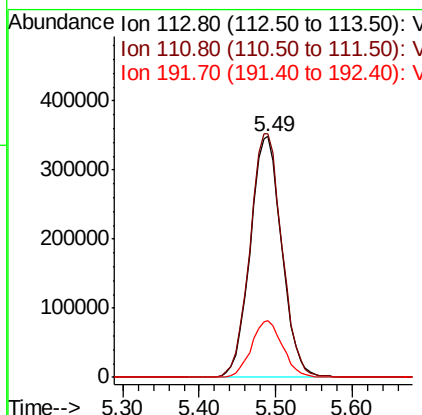
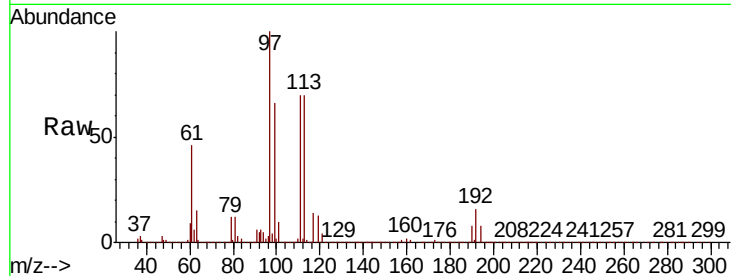




#35
 Dibromofluoromethane
 Concen: 147.173 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

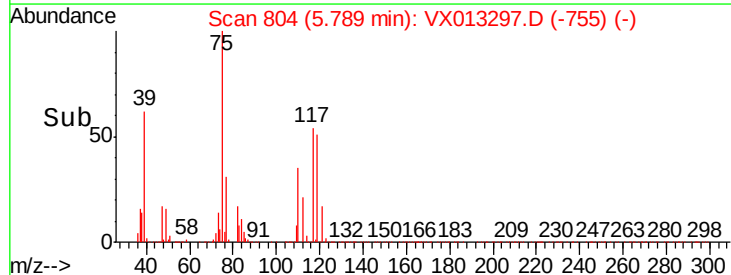
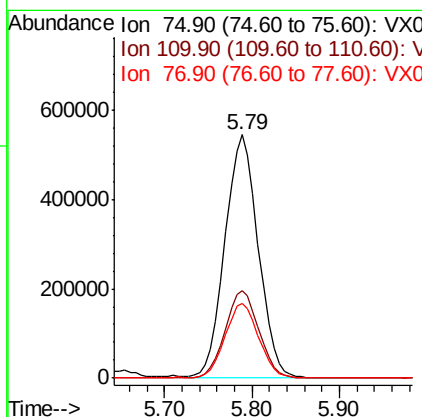
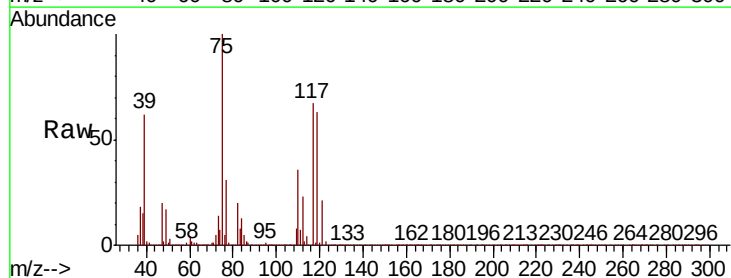
Instrument :
 MSVOA_X
 ClientSampleId :

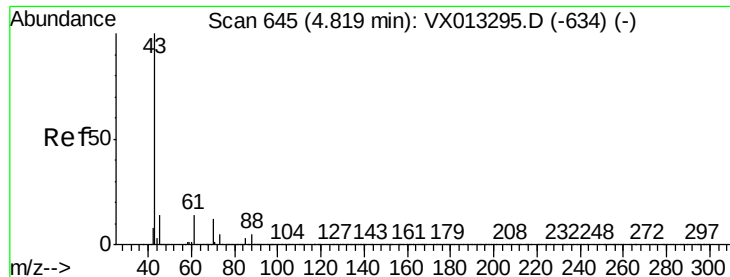
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	23.4	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 160.601 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.1
77	31.0	25.0	37.4

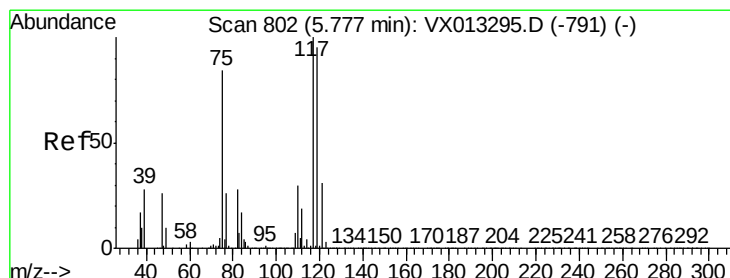
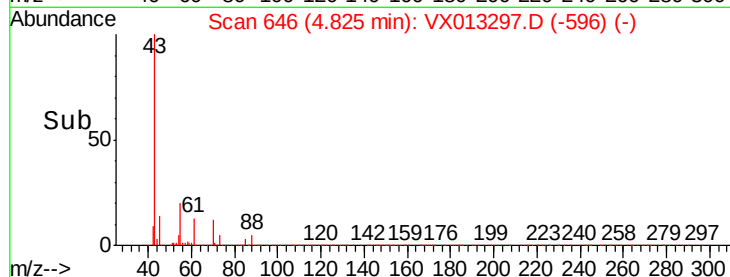
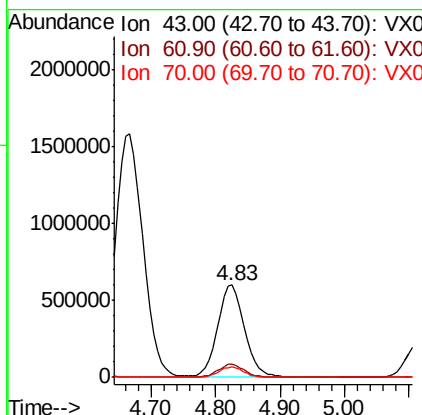
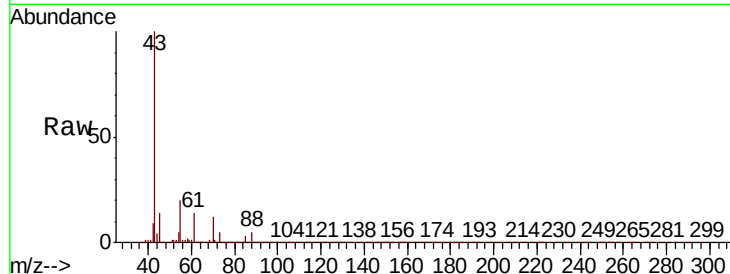




#37
Ethyl Acetate
Concen: 187.652 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

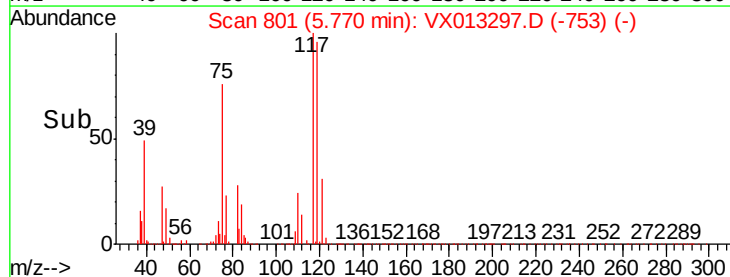
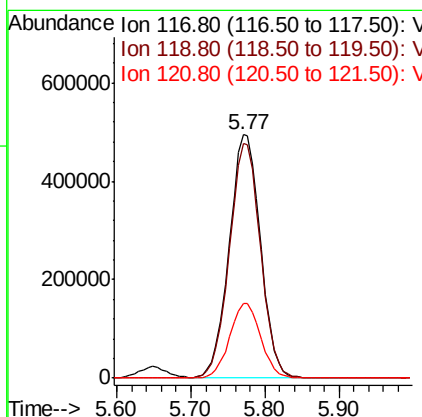
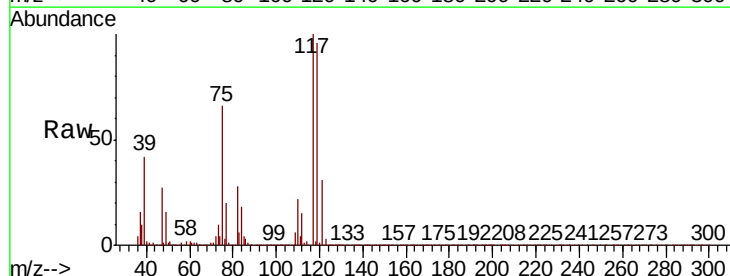
Instrument :
MSVOA_X
ClientSampleId :

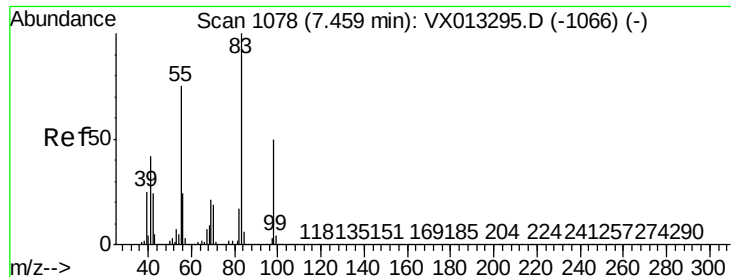
Tot Ion: 43 Resp: 1773947
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 157.525 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 117 Resp: 1451718
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1
121 30.6 24.6 37.0

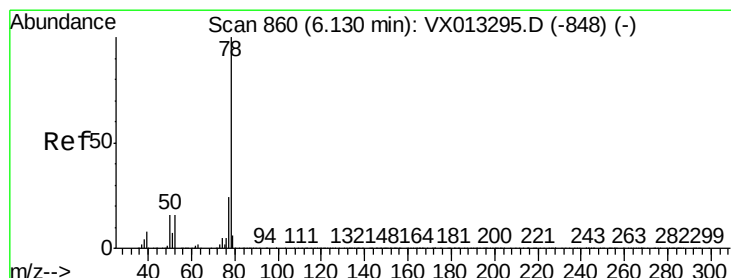
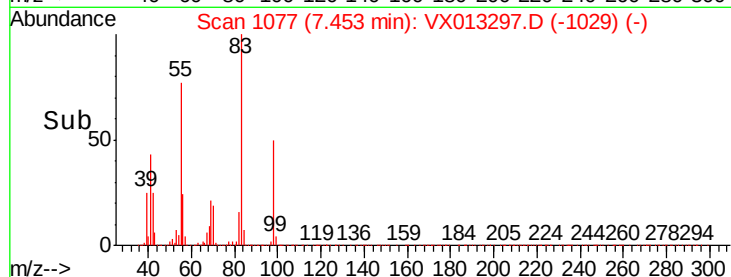
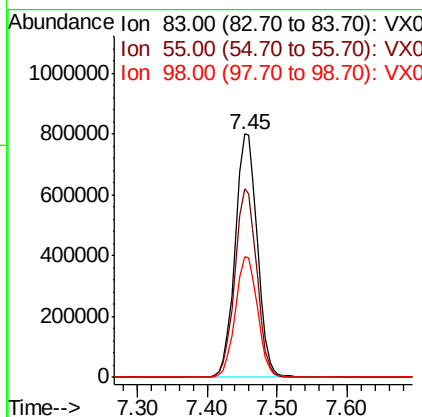
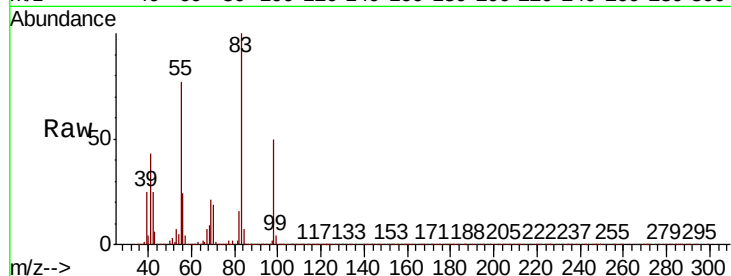




#39
Methylvlcyclohexane
Concen: 153.442 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

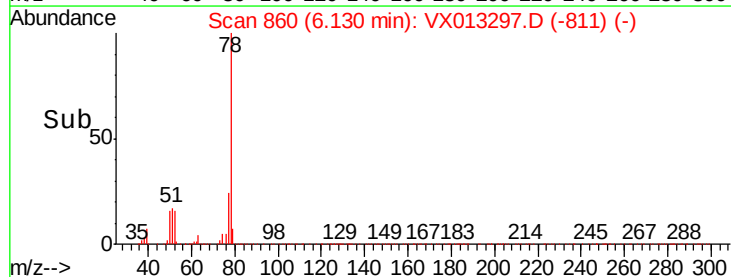
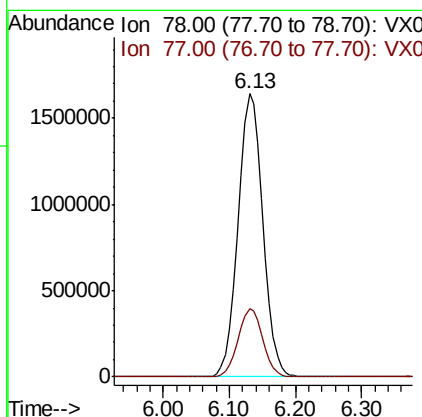
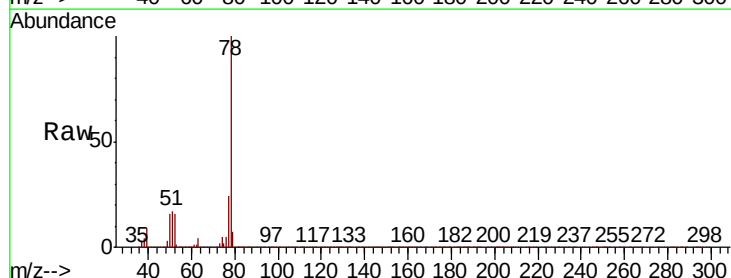
Instrument :
MSVOA_X
ClientSampleId :

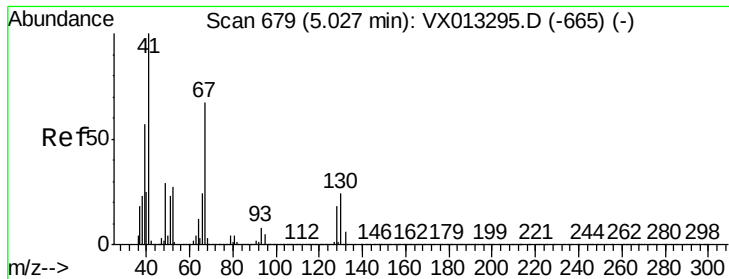
Tot Ion: 83 Resp: 1759207
Ion Ratio Lower Upper
83 100
55 77.3 60.3 90.5
98 49.7 40.3 60.5



#40
Benzene
Concen: 155.670 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 78 Resp: 4261451
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3

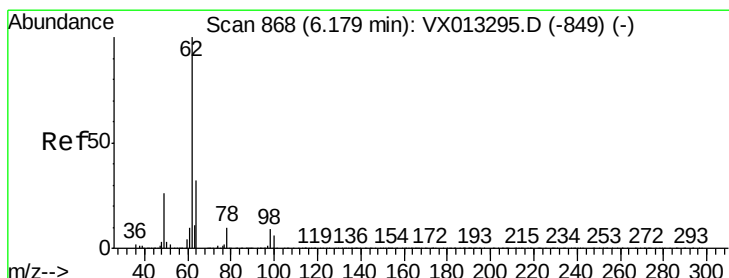
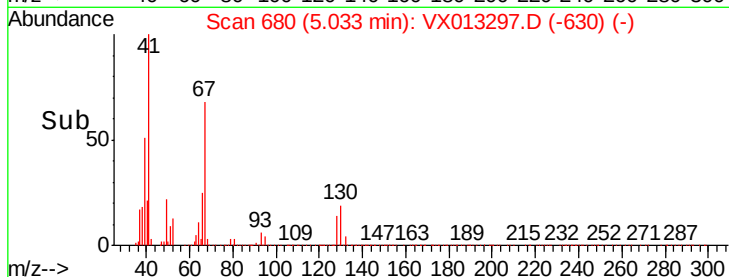
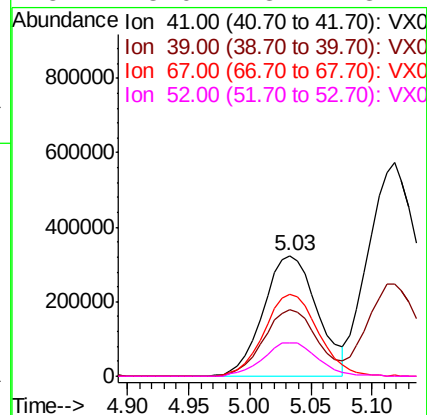
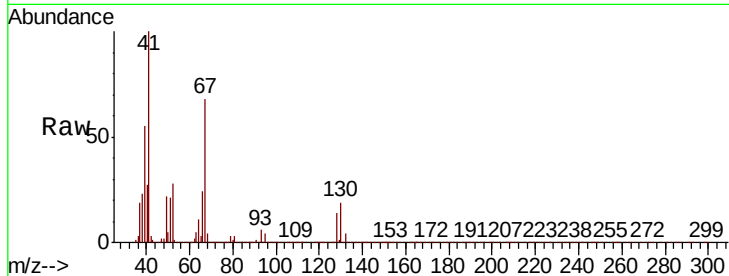




#41
Methacrylonitrile
Concen: 183.689 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

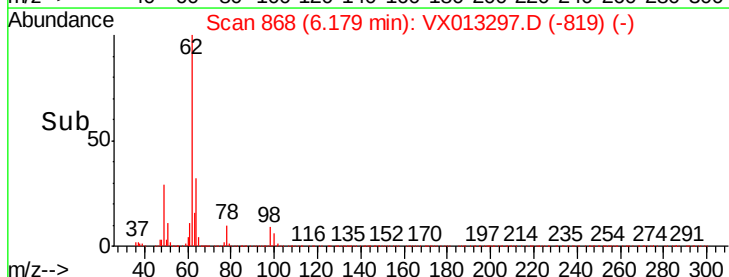
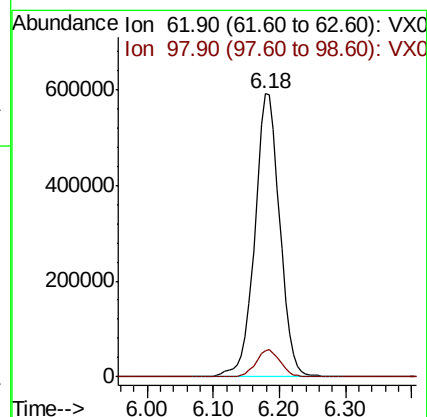
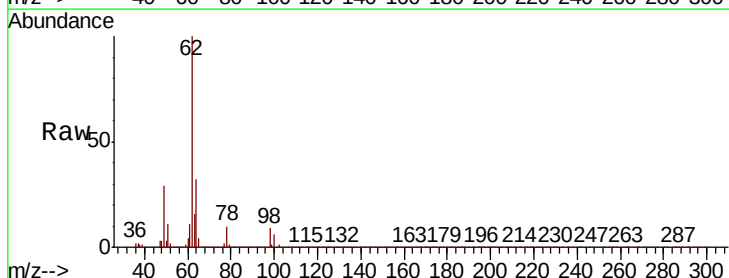
Instrument :
MSVOA_X
ClientSampleId :

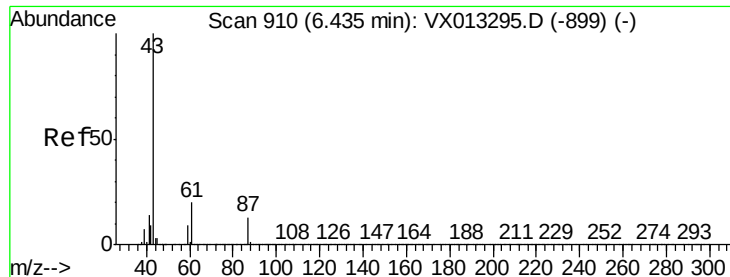
Tot Ion:	41	Resp:	994390
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.0	67.6
67	68.1	55.4	83.2
52	28.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 160.430 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion:	62	Resp:	1553136
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 183.741 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

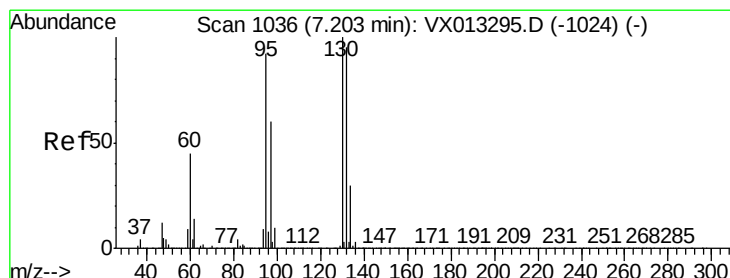
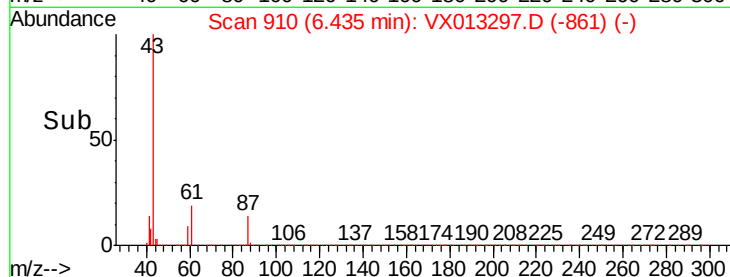
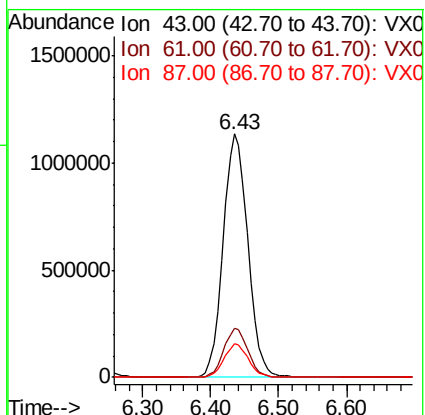
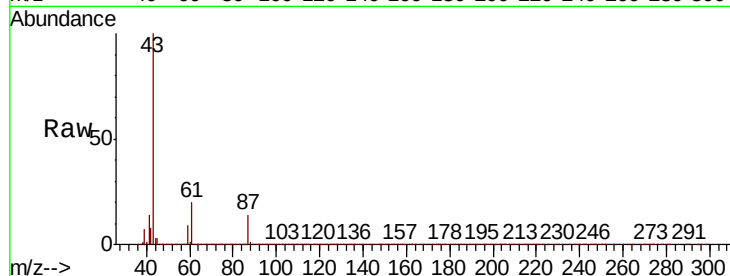
Tot Ion: 43 Resp: 2848136

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.8

87 13.4 10.4 15.6



#44

Trichloroethene

Concen: 148.139 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013297.D

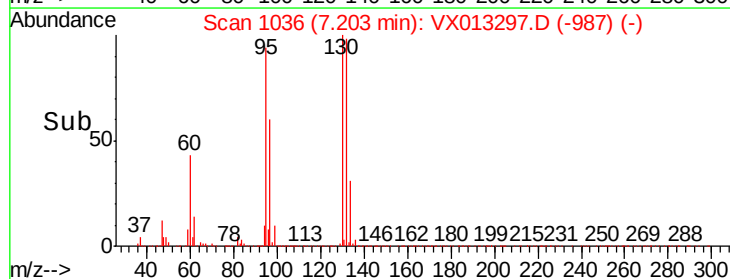
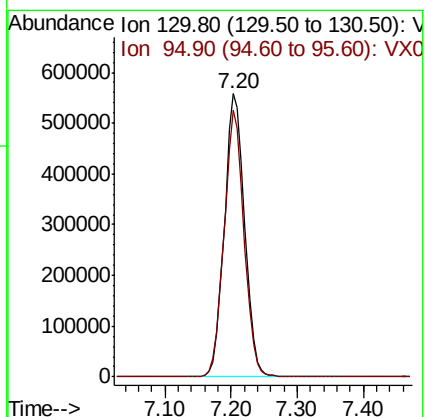
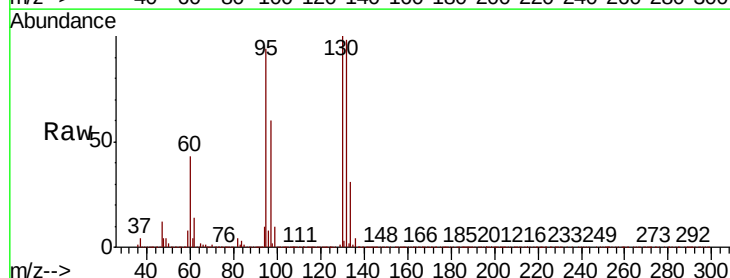
Acq: 31 Oct 2019 18:15

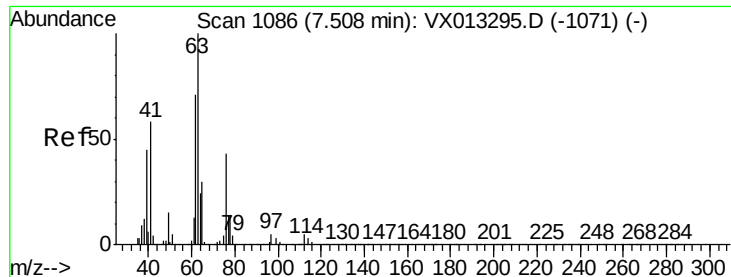
Tgt Ion:130 Resp: 1184534

Ion Ratio Lower Upper

130 100

95 94.3 0.0 184.8





#45

1,2-Dichloropropane

Concen: 157.082 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

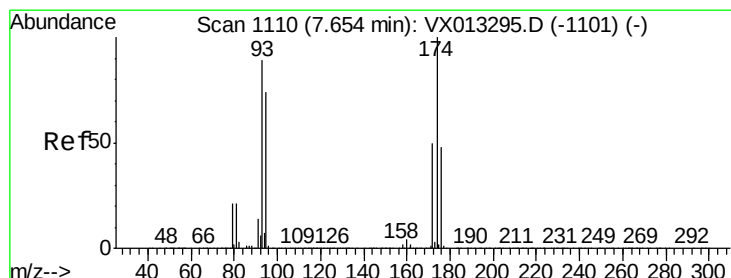
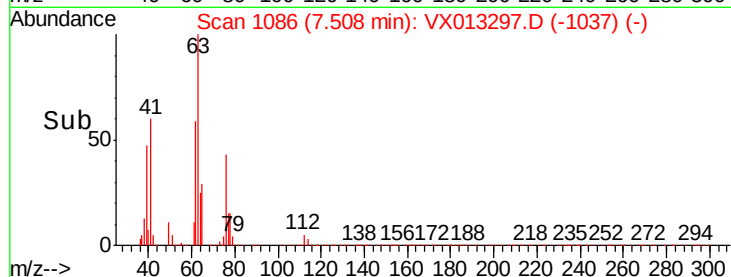
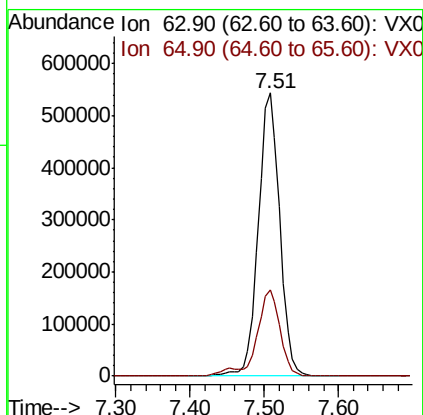
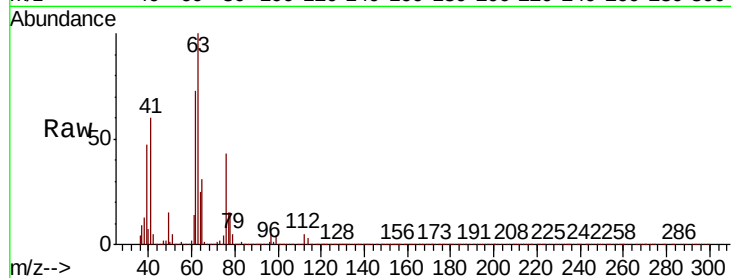
ClientSampleId :

Tot Ion: 63 Resp: 1098767

Ion Ratio Lower Upper

63 100

65 30.6 24.3 36.5



#46

Dibromomethane

Concen: 151.685 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

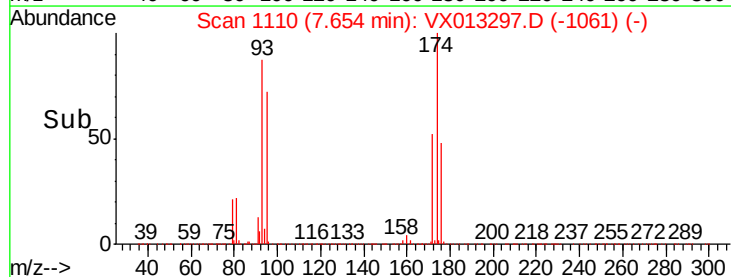
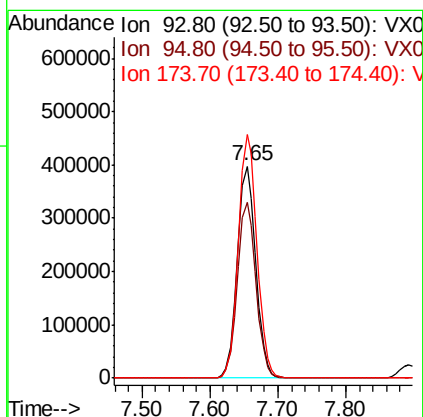
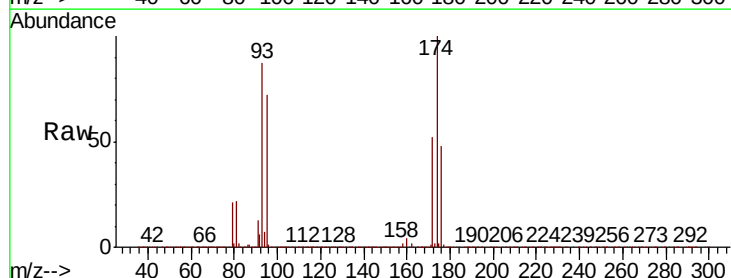
Tgt Ion: 93 Resp: 749658

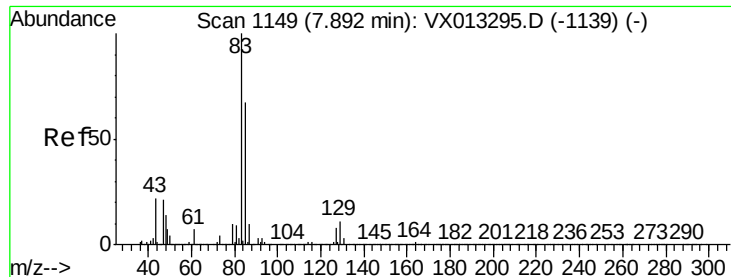
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

174 115.9 90.4 135.6





#47

Bromodichloromethane

Concen: 170.564 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :

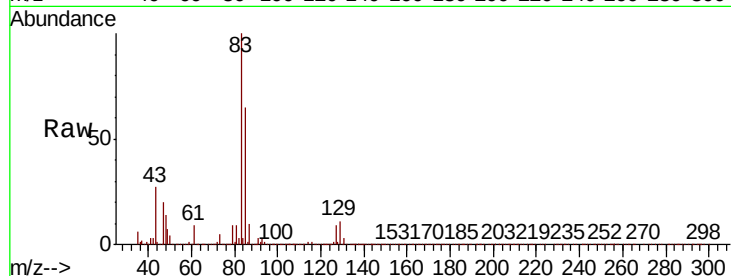
Tot Ion: 83 Resp: 1519792

Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.7	80.5
127	8.7	6.4	9.6

83 100

85 64.5 53.7 80.5

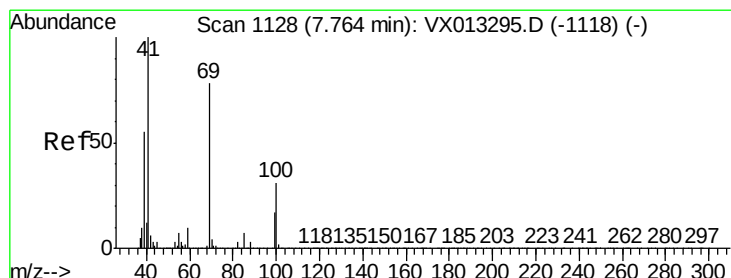
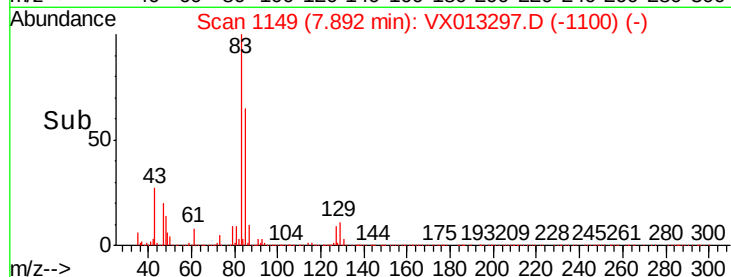
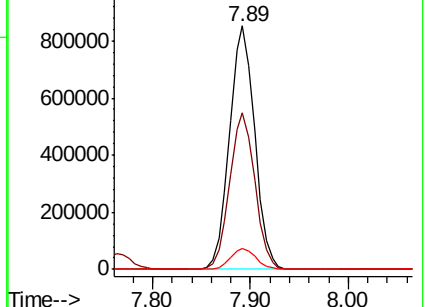
127 8.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 189.945 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

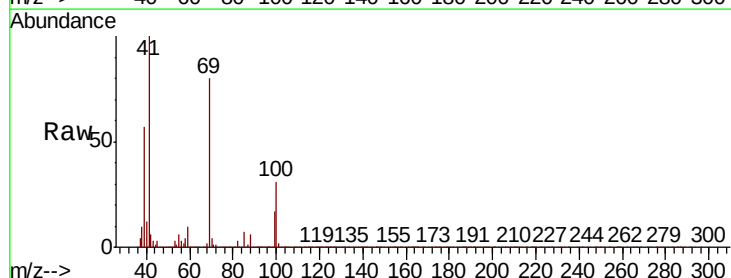
Tgt Ion: 41 Resp: 1451199

Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.0	94.6
39	57.6	45.9	68.9

41 100

69 79.5 63.0 94.6

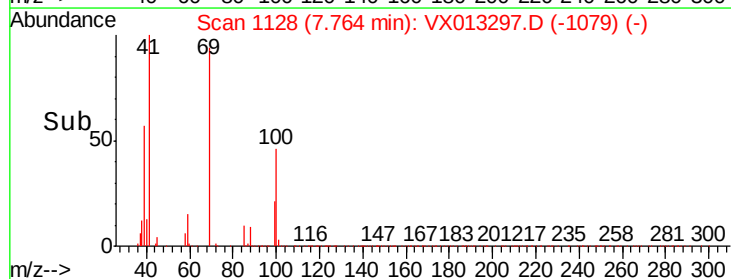
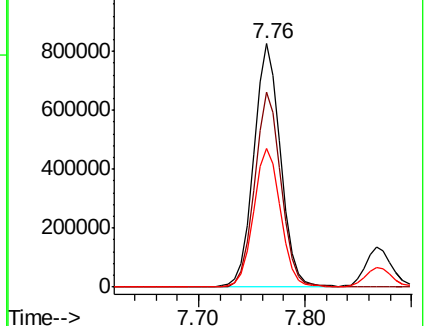
39 57.6 45.9 68.9

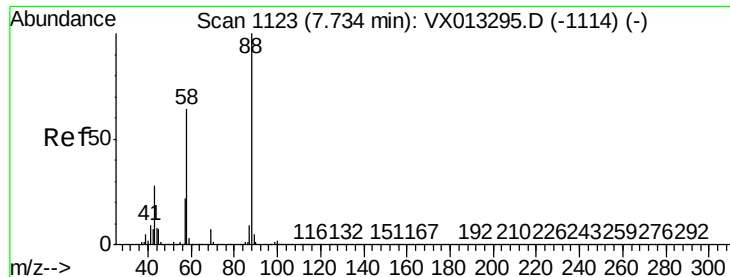


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3109.766 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

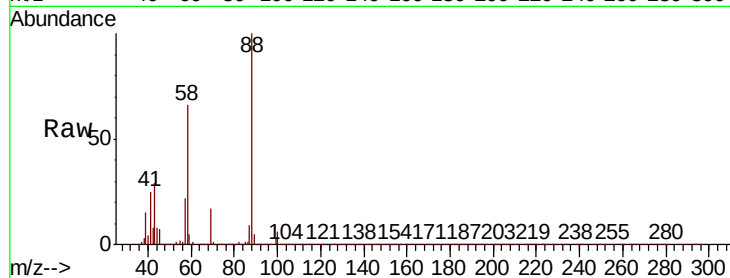
Tot Ion: 88 Resp: 635208

Ion Ratio Lower Upper

88 100

43 32.9 26.6 39.8

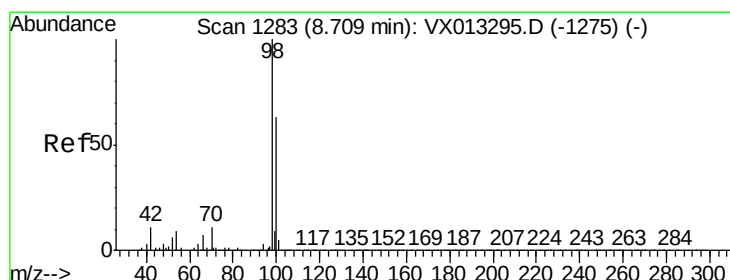
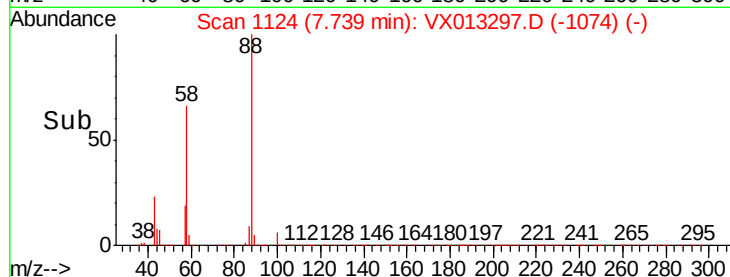
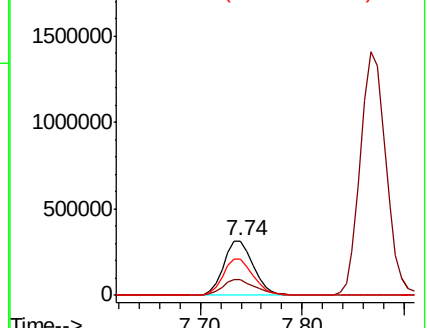
58 68.3 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 147.621 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013297.D

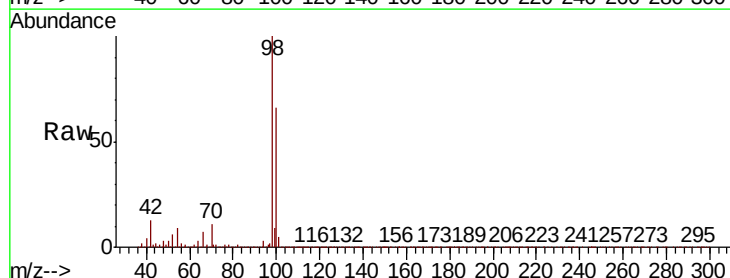
Acq: 31 Oct 2019 18:15

Tgt Ion: 98 Resp: 3769465

Ion Ratio Lower Upper

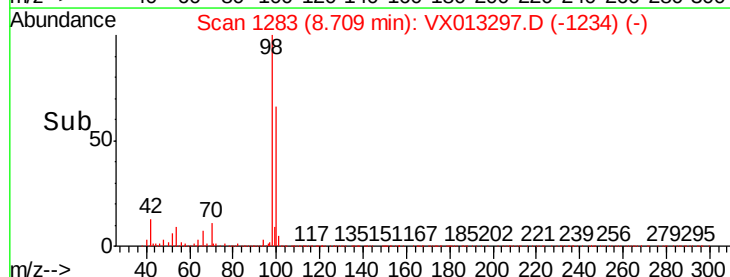
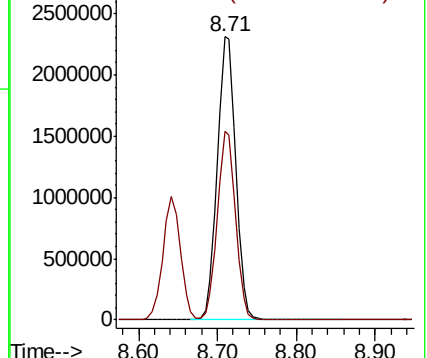
98 100

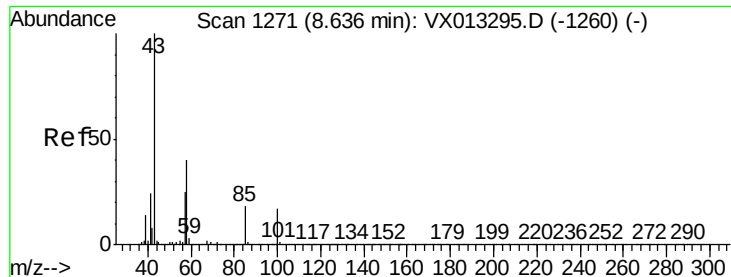
100 65.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 909.746 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

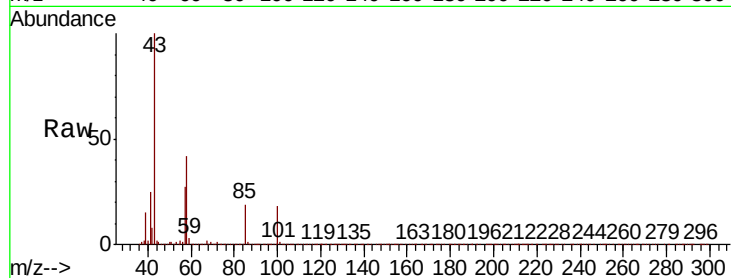
ClientSampleId :

Tot Ion: 43 Resp: 9144827

Ion Ratio Lower Upper

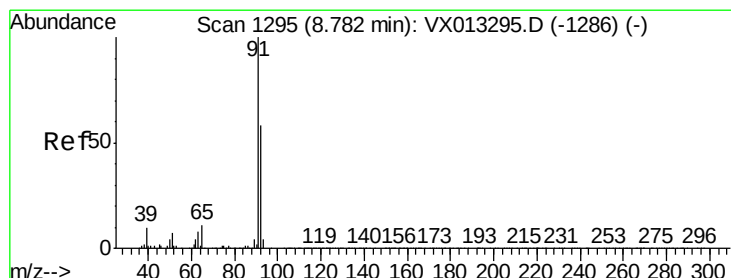
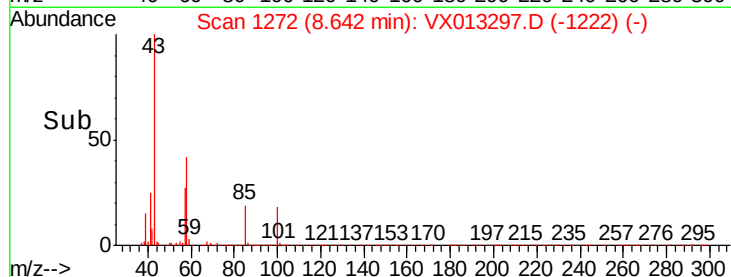
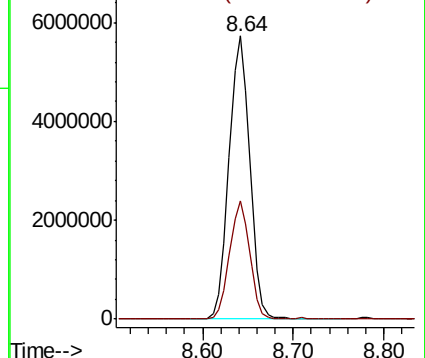
43 100

58 40.4 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 152.077 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013297.D

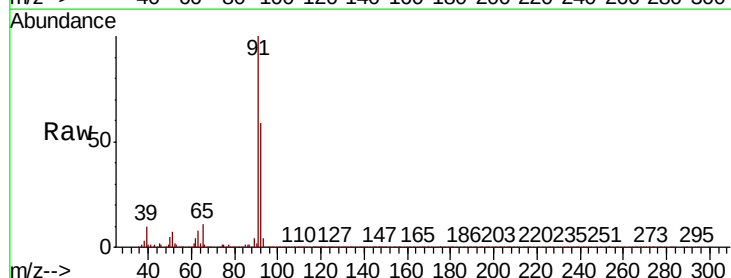
Acq: 31 Oct 2019 18:15

Tgt Ion: 92 Resp: 2713223

Ion Ratio Lower Upper

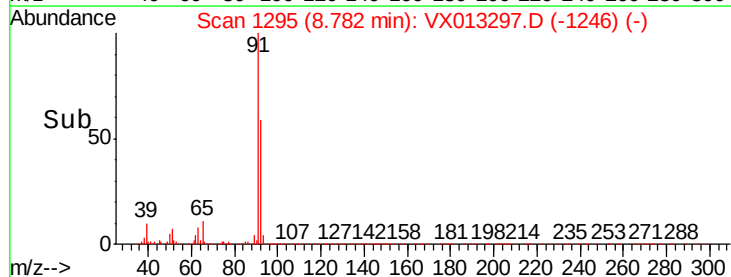
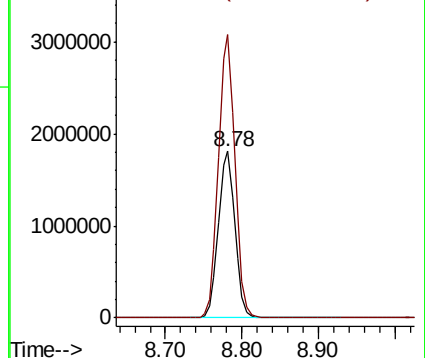
92 100

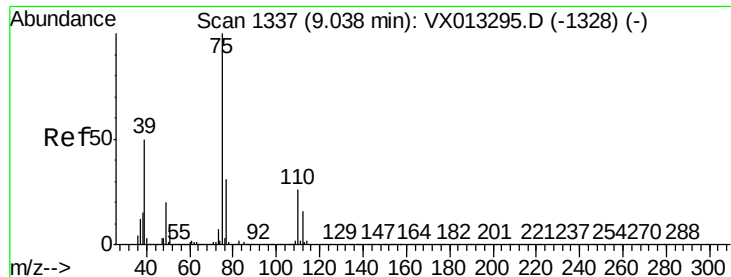
91 170.1 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 181.293 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

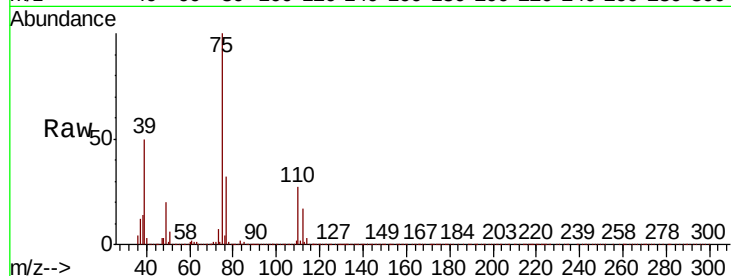
ClientSampled :

Tot Ion: 75 Resp: 1742770

Ion Ratio Lower Upper

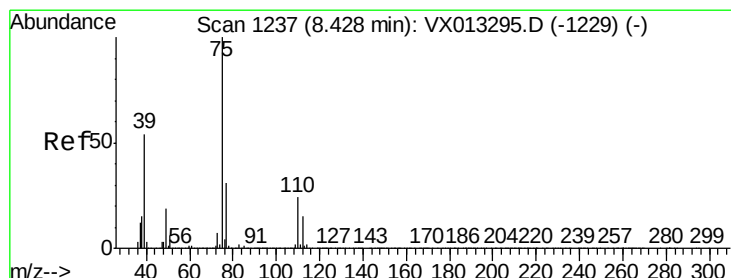
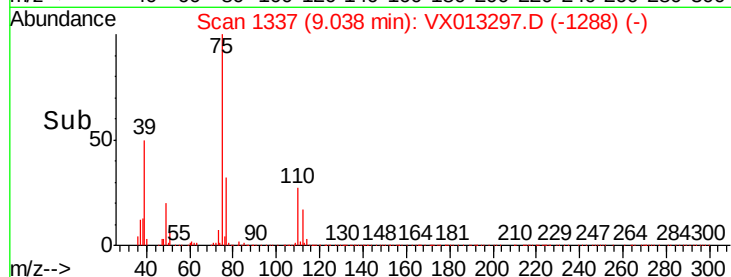
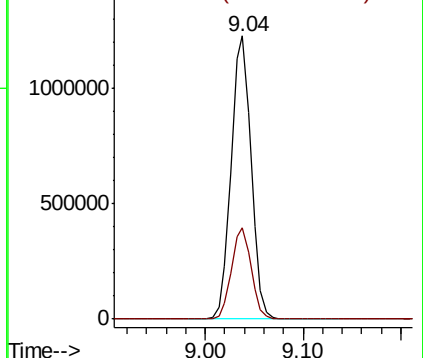
75 100

77 32.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 174.974 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

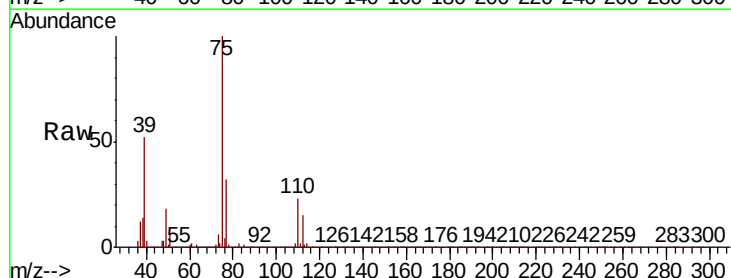
Tgt Ion: 75 Resp: 1863970

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

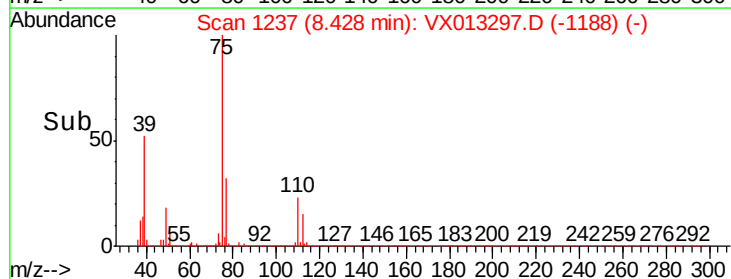
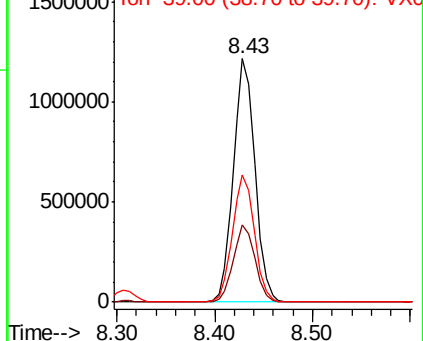
39 52.1 43.0 64.6

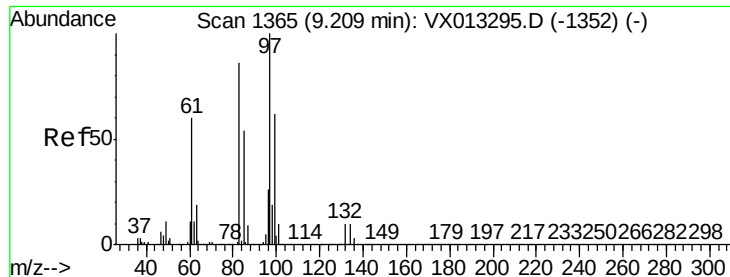


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 151.696 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 1117170

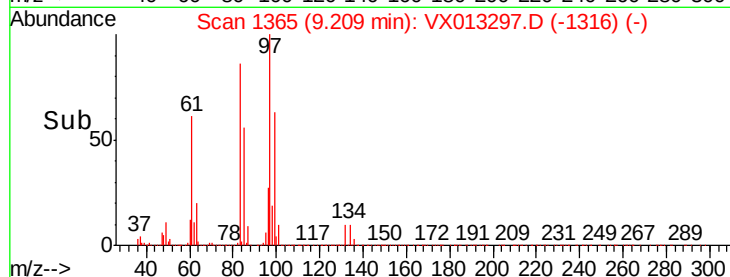
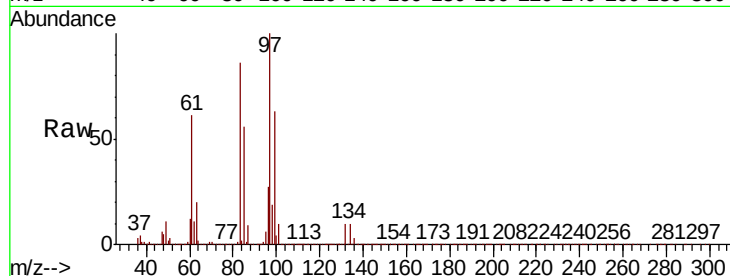
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.6	103.0
85	55.6	43.1	64.7
99	63.2	49.4	74.0

97 100

83 85.6 68.6 103.0

85 55.6 43.1 64.7

99 63.2 49.4 74.0



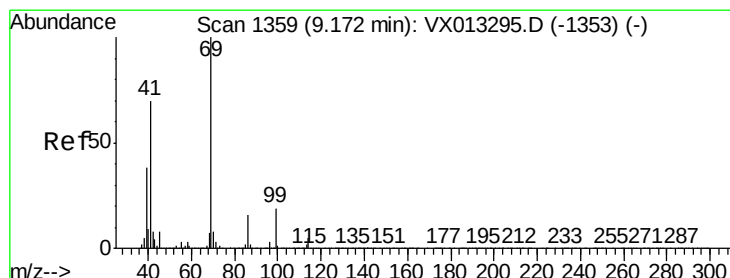
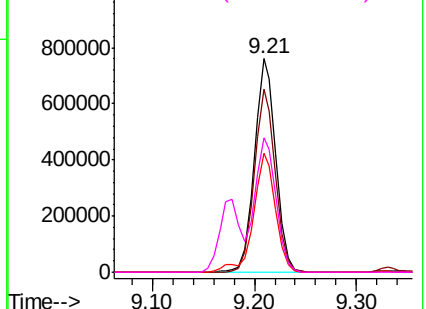
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 178.187 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

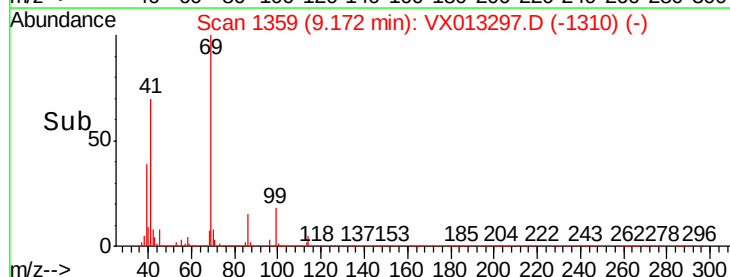
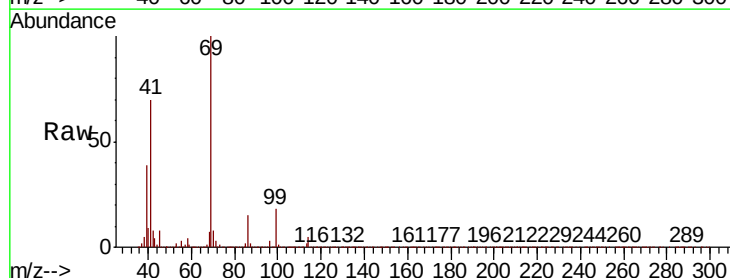
Tgt Ion: 69 Resp: 1936603

Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.2	84.2
39	38.5	31.1	46.7

69 100

41 69.3 56.2 84.2

39 38.5 31.1 46.7

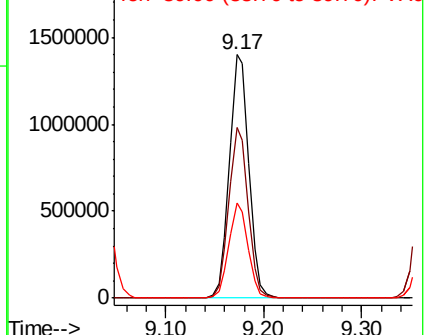


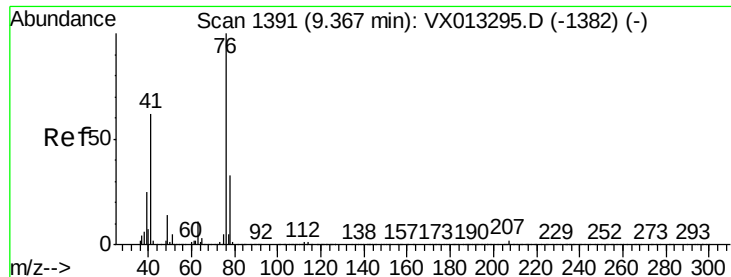
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 158.890 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

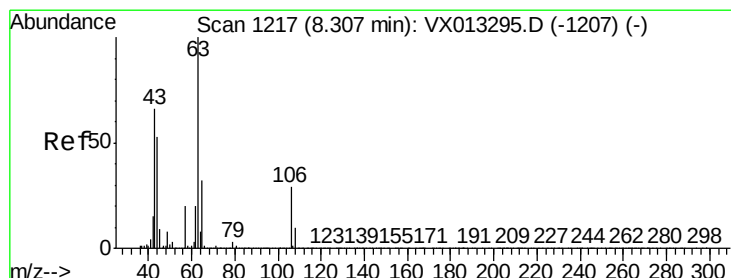
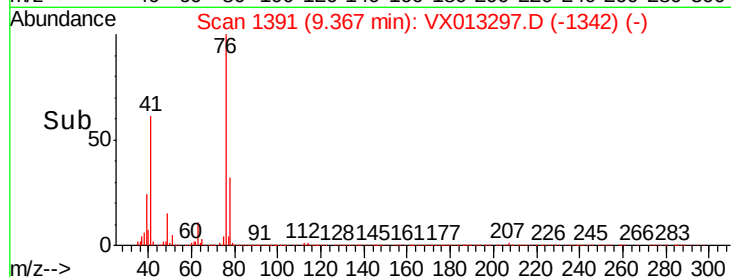
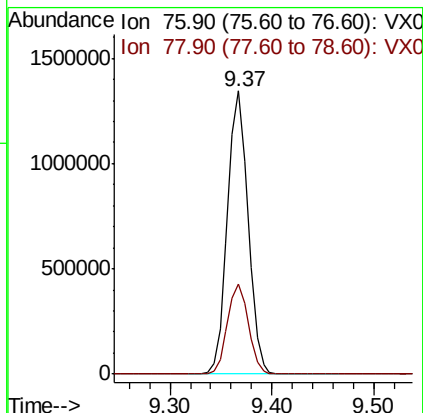
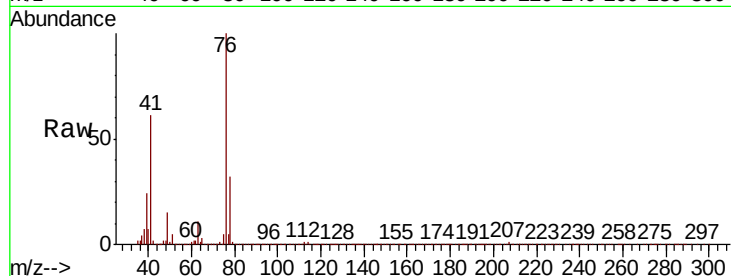
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 1877600

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 794.661 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013297.D

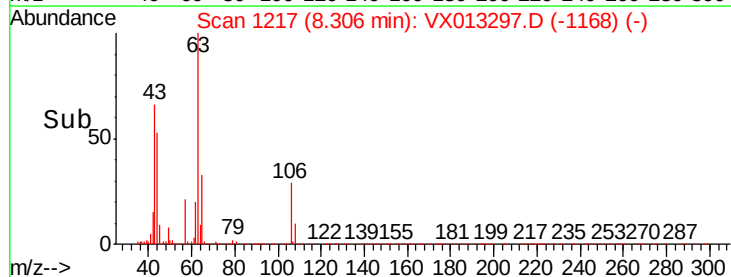
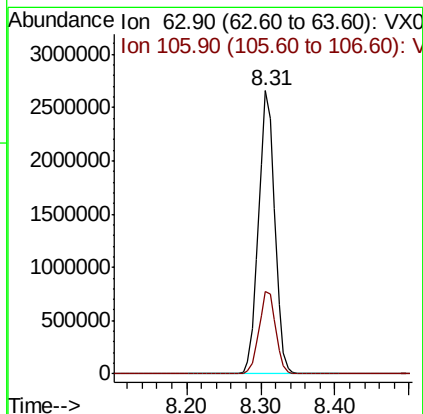
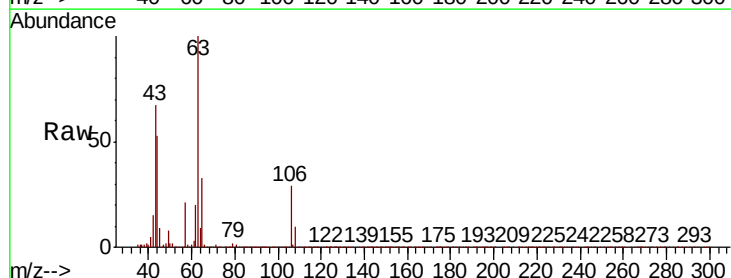
Acq: 31 Oct 2019 18:15

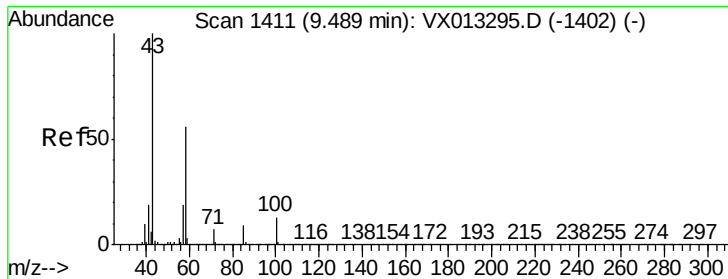
Tgt Ion: 63 Resp: 4082594

Ion Ratio Lower Upper

63 100

106 29.9 23.4 35.2

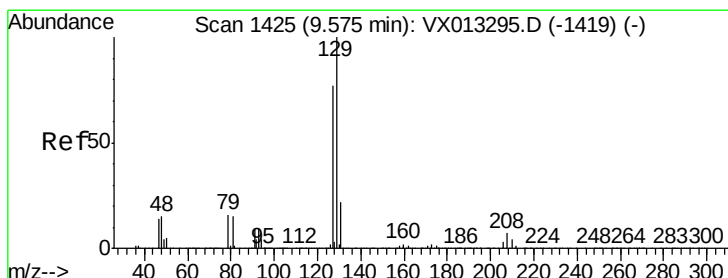
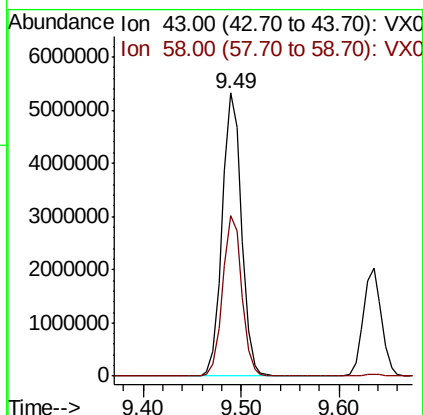
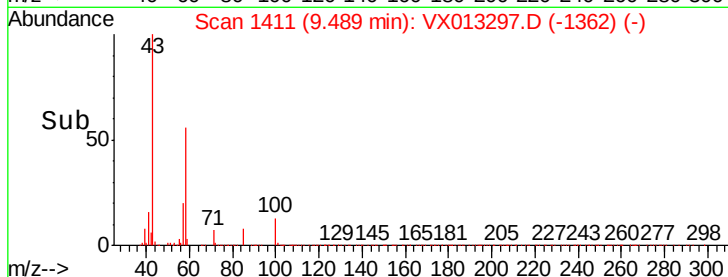
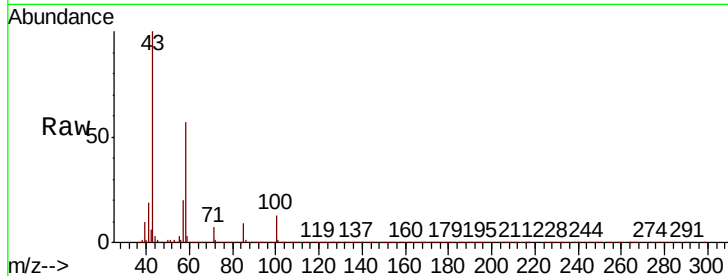




#59
2-Hexanone
Concen: 934.733 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

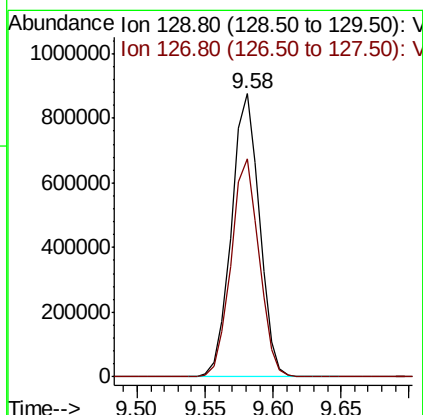
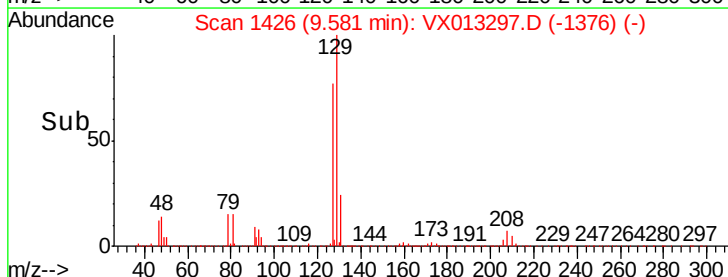
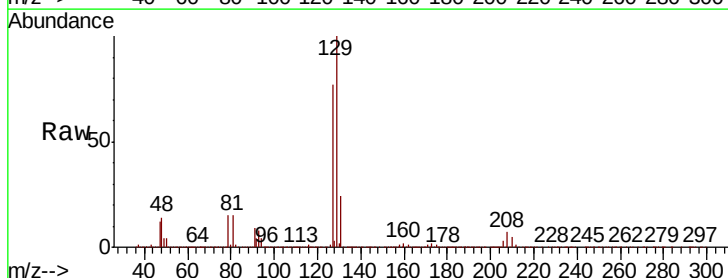
Instrument :
MSVOA_X
ClientSampleId :

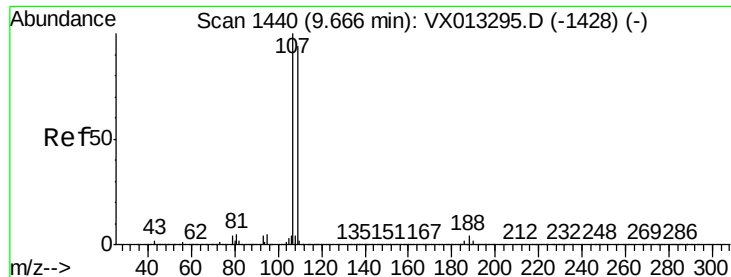
Tot Ion: 43 Resp: 7272028
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.8



#60
Dibromochloromethane
Concen: 168.996 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion:129 Resp: 1255550
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 155.587 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

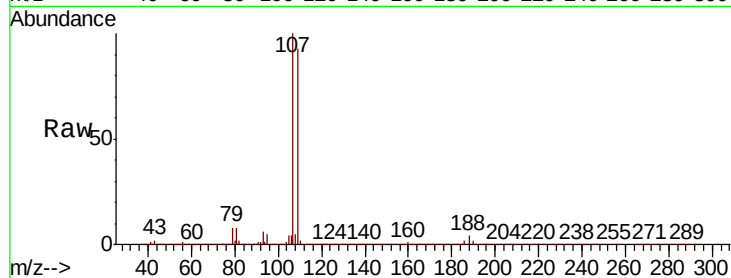
ClientSampleId :

Tot Ion:107 Resp: 1213197

Ion Ratio Lower Upper

107 100

109 94.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

800000

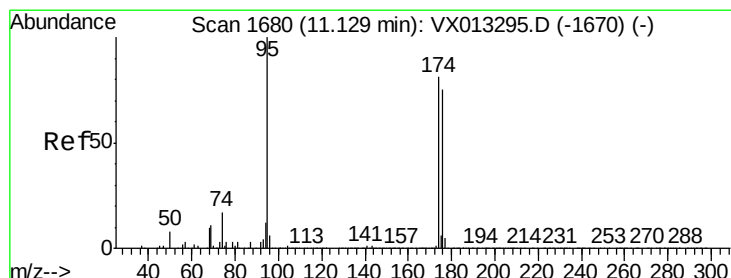
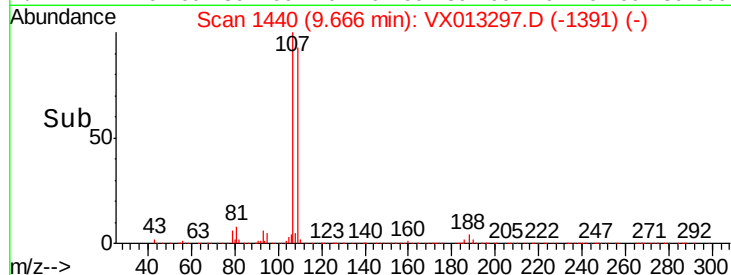
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 154.941 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

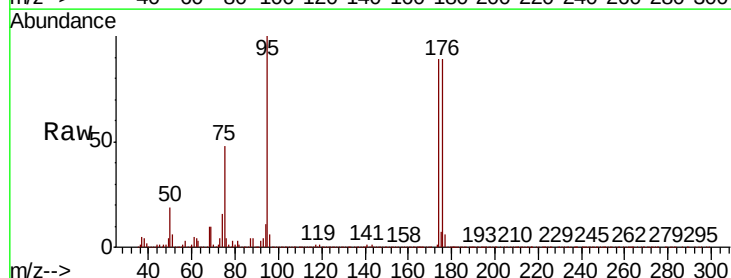
Tgt Ion: 95 Resp: 1440446

Ion Ratio Lower Upper

95 100

174 87.9 0.0 179.8

176 87.2 0.0 173.0



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

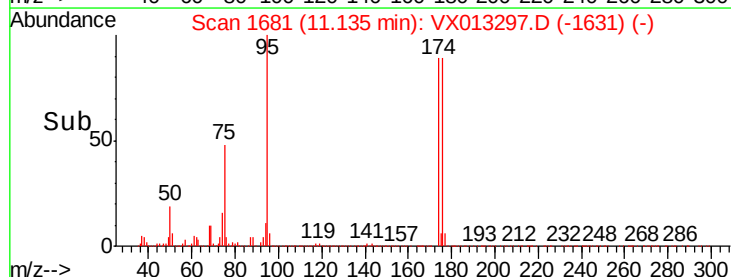
1500000

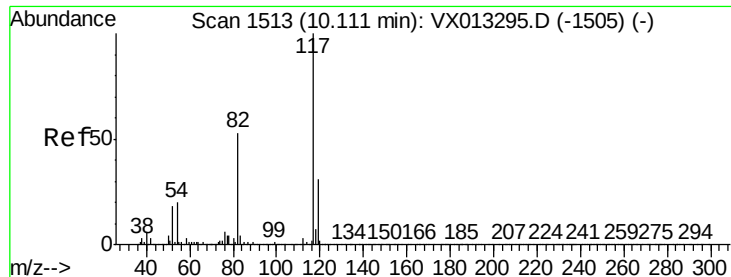
1000000

500000

0

Time-->

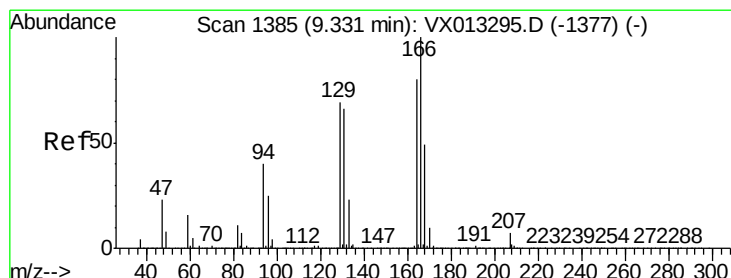
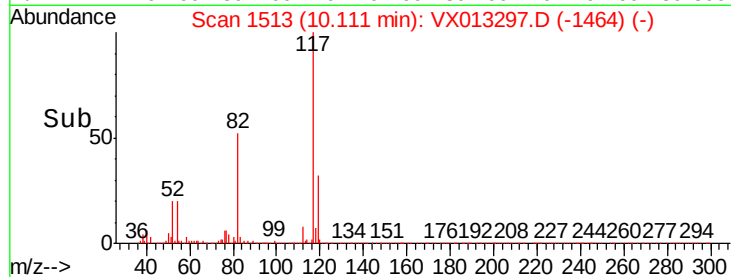
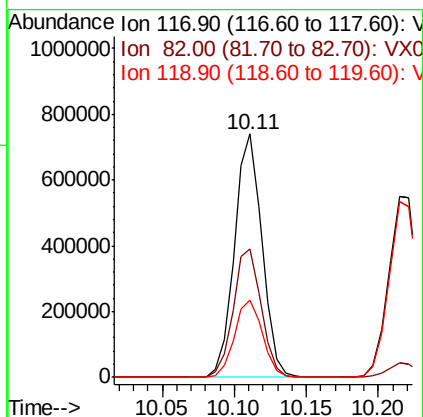
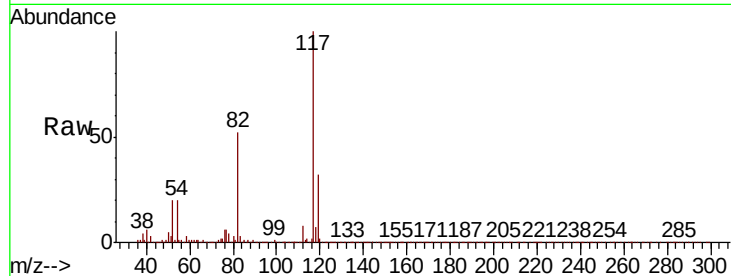




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

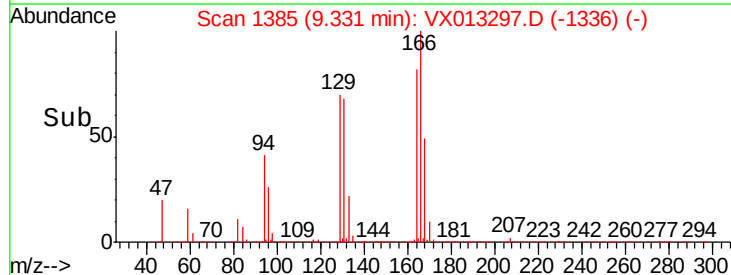
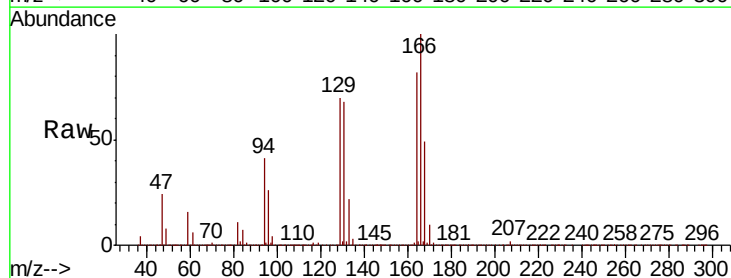
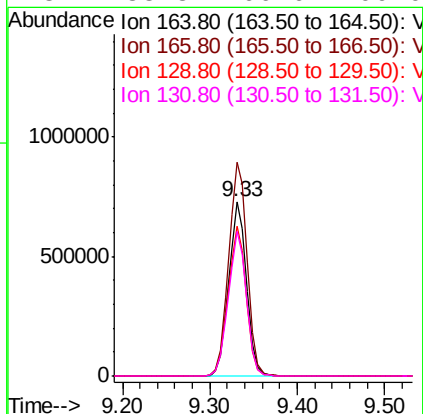
Instrument :
MSVOA_X
ClientSampled :

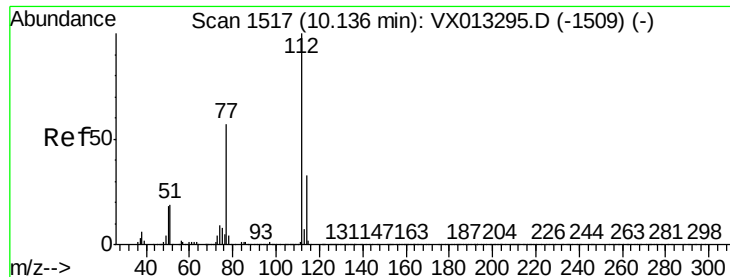
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	64.0
119	31.9	24.8	37.2



#64
Tetrachloroethene
Concen: 133.818 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.7	100.4	150.6
129	86.3	69.4	104.2
131	83.3	66.6	100.0

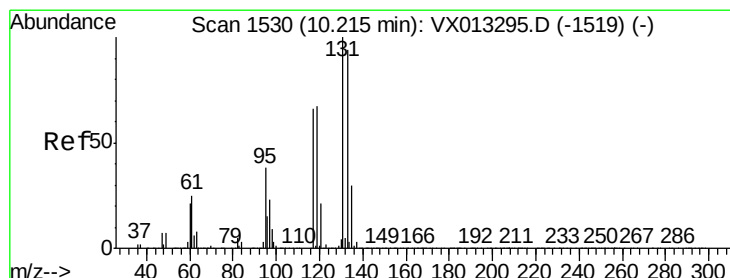
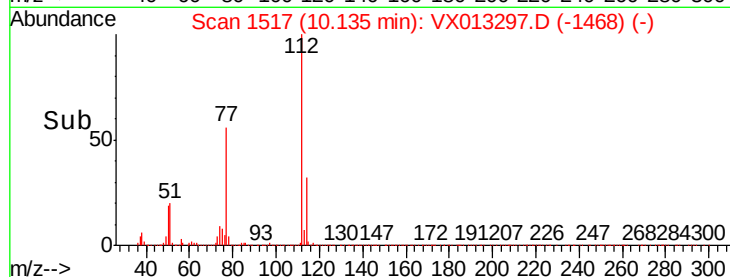
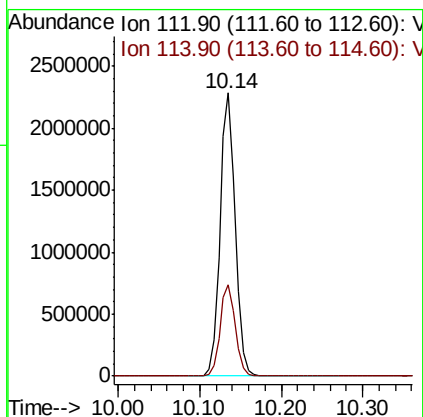
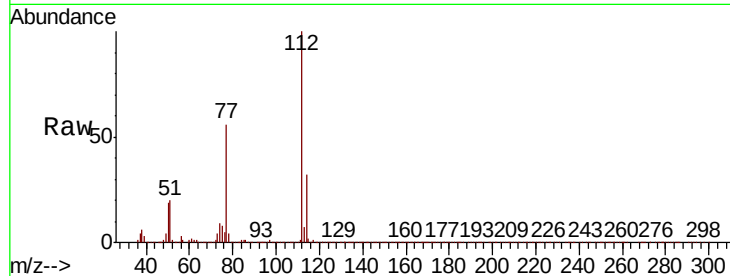




#65
Chlorobenzene
Concen: 145.950 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

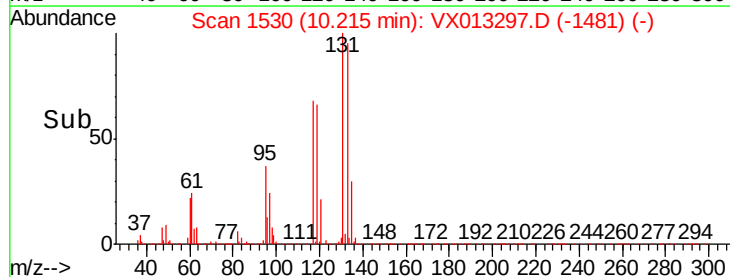
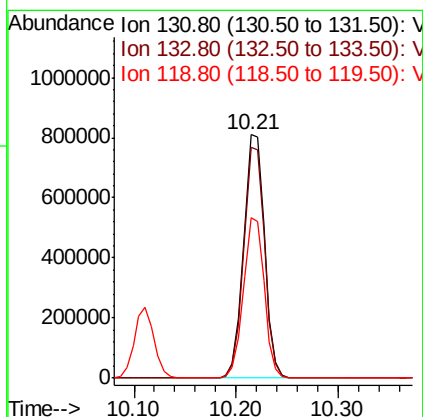
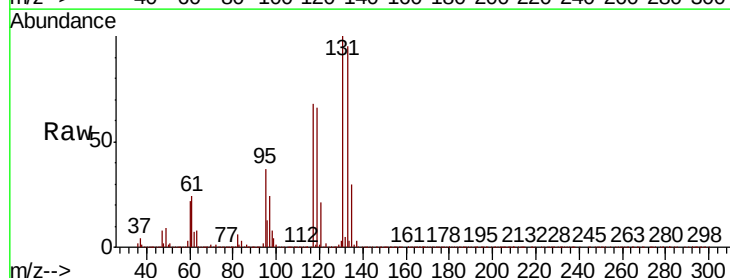
Instrument :
MSVOA_X
ClientSampled :

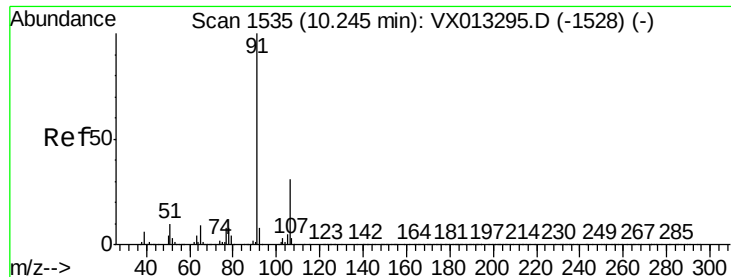
Tot Ion:112 Resp: 2962856
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 160.771 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion:131 Resp: 1148150
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 65.3 33.0 99.0





#67

Ethyl Benzene

Concen: 150.532 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

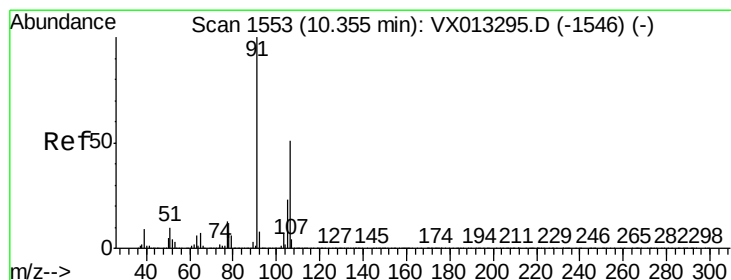
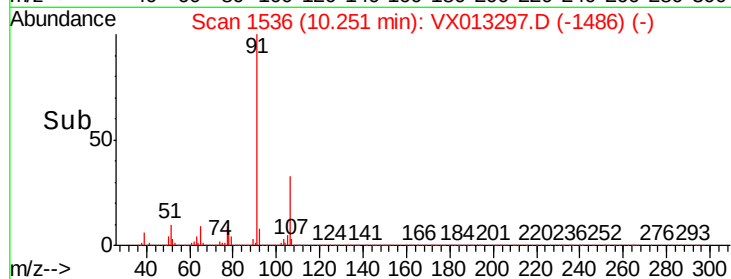
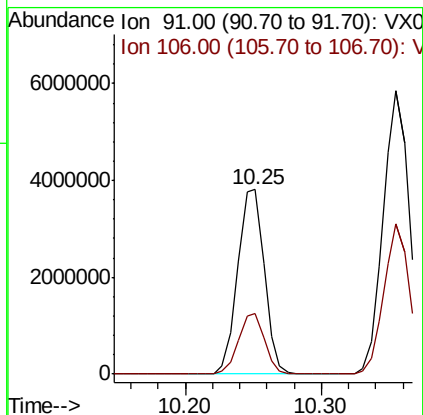
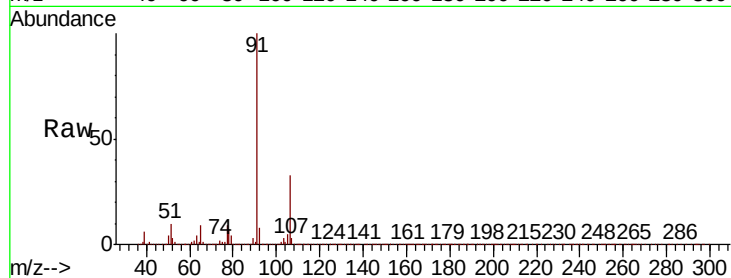
ClientSampleId :

Tot Ion: 91 Resp: 5209274

Ion Ratio Lower Upper

91 100

106 32.7 24.6 36.8



#68

m/p-Xylenes

Concen: 305.217 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013297.D

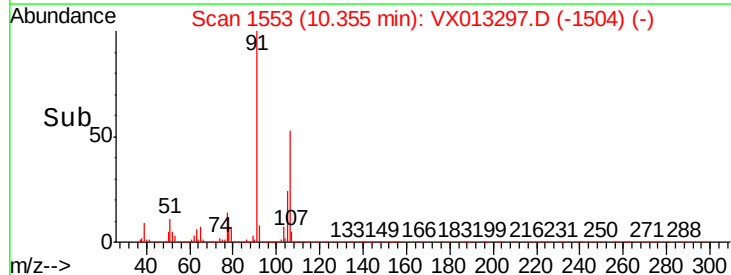
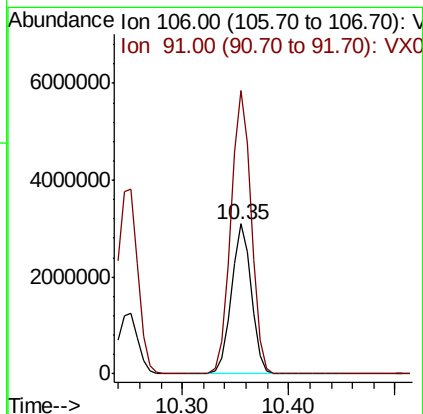
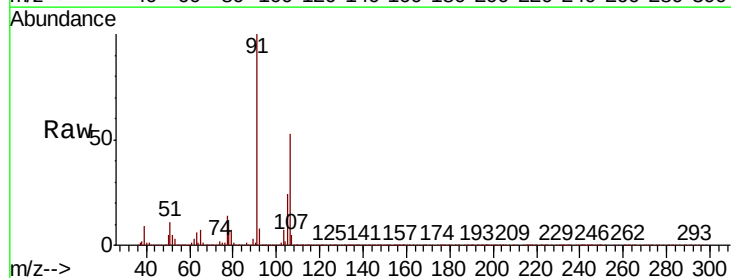
Acq: 31 Oct 2019 18:15

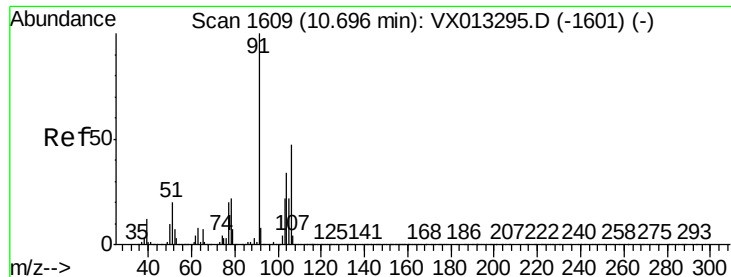
Tgt Ion: 106 Resp: 4051193

Ion Ratio Lower Upper

106 100

91 193.7 159.3 238.9

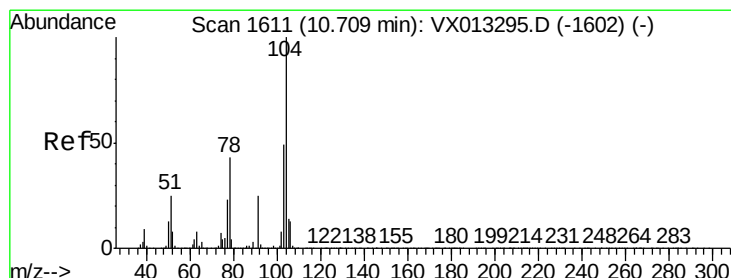
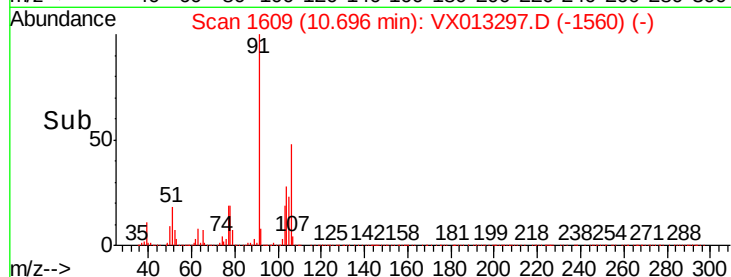
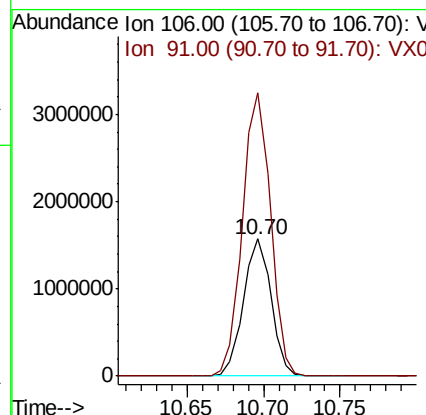
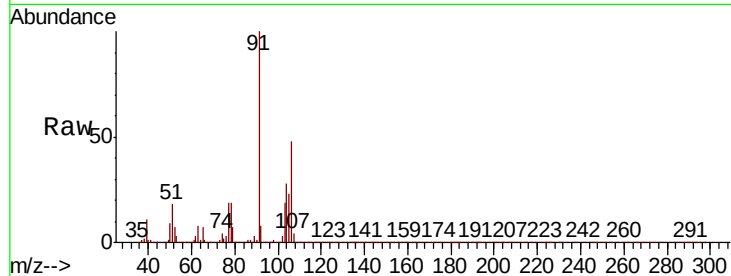




#69
o-Xylene
Concen: 152.462 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

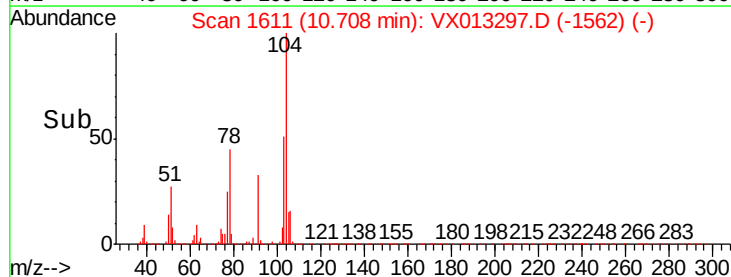
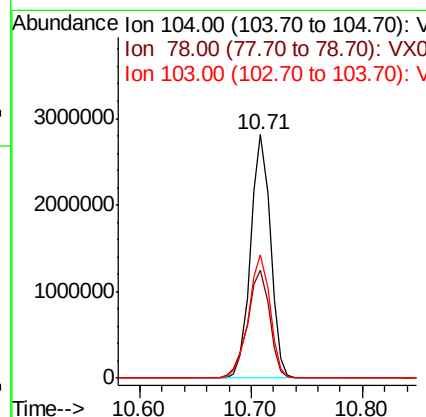
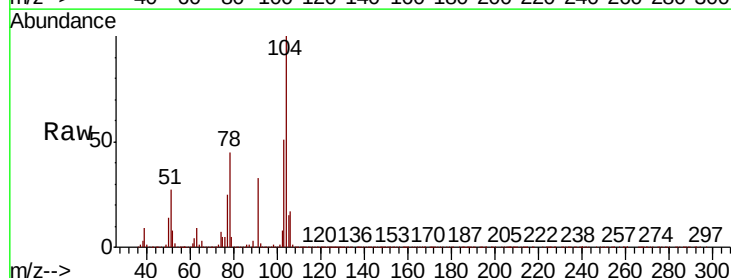
Instrument :
MSVOA_X
ClientSampleId :

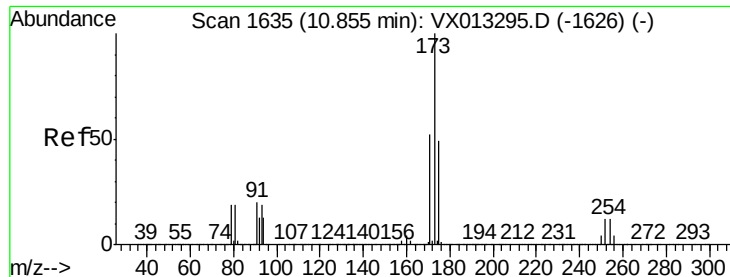
Tot Ion:106 Resp: 1968373
Ion Ratio Lower Upper
106 100
91 210.0 105.7 317.0



#70
Styrene
Concen: 161.874 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion:104 Resp: 3488753
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 54.8 44.1 66.1





#71

Bromoform

Concen: 190.324 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

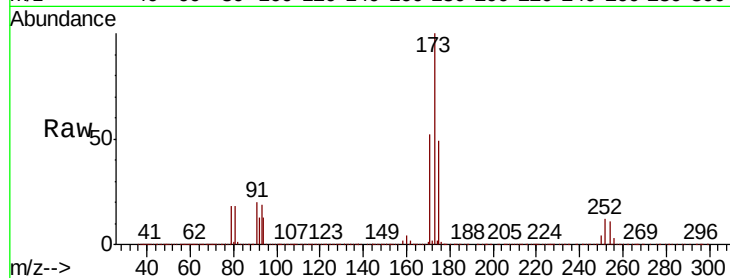
Tot Ion:173 Resp: 1089245

Ion Ratio Lower Upper

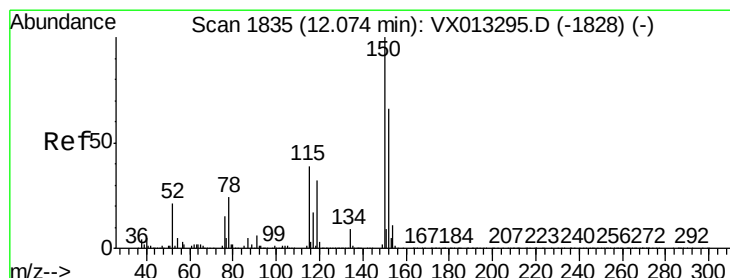
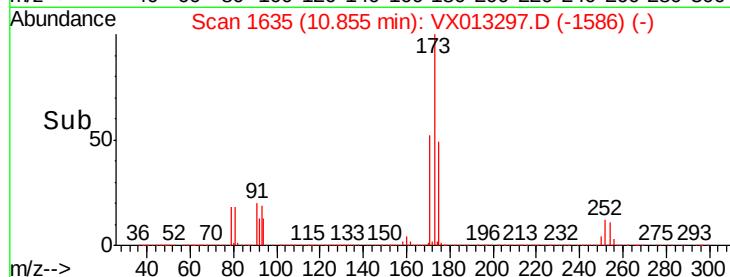
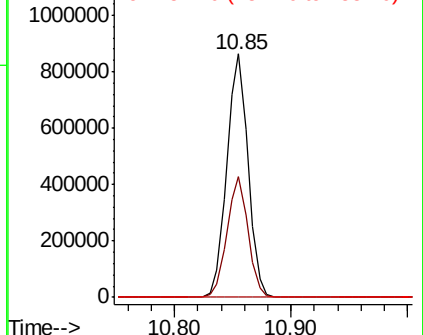
173 100

175 49.0 24.8 74.4

254 0.2 0.2 0.2



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: VX013297.D

Acq: 31 Oct 2019 18:15

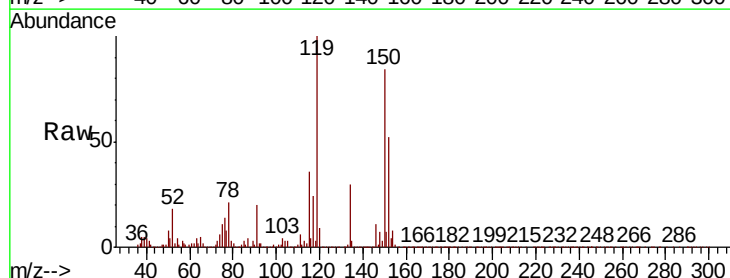
Tgt Ion:152 Resp: 546736

Ion Ratio Lower Upper

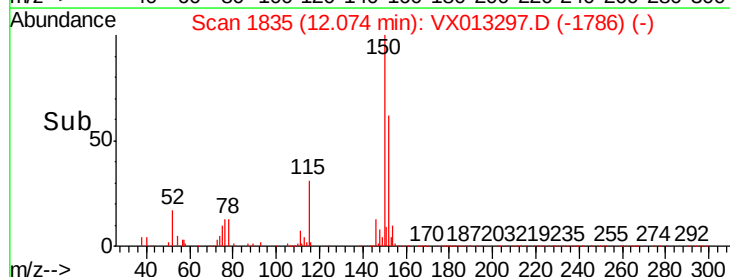
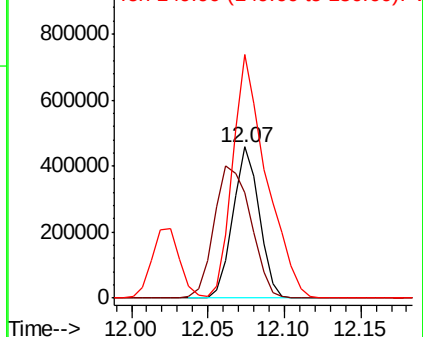
152 100

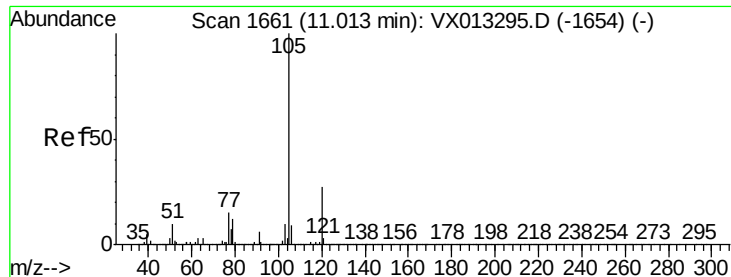
115 121.6 39.5 118.3#

150 205.1 0.0 344.4



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





#73

Isopropylbenzene

Concen: 139.089 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

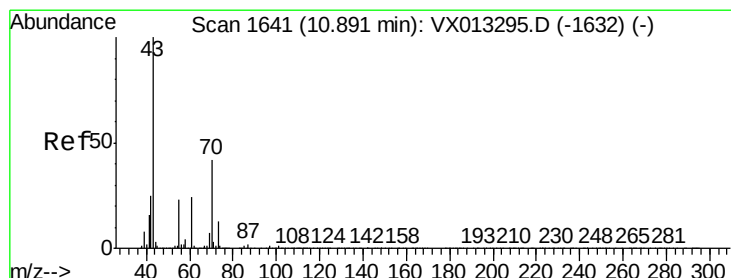
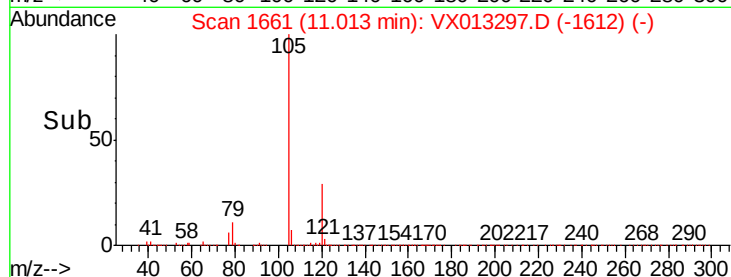
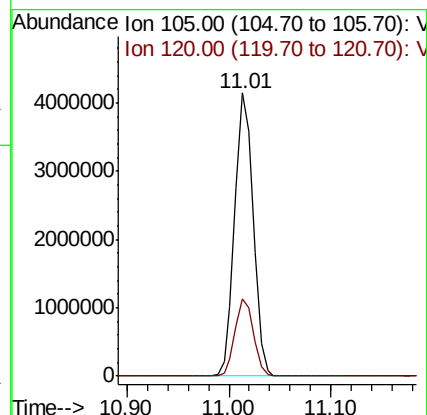
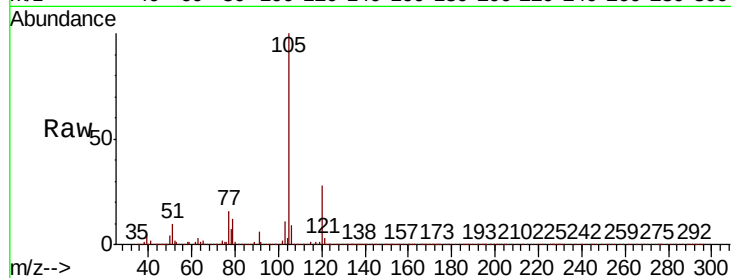
ClientSampleId :

Tot Ion:105 Resp: 5175675

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 184.532 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Tgt Ion: 43 Resp: 2726511

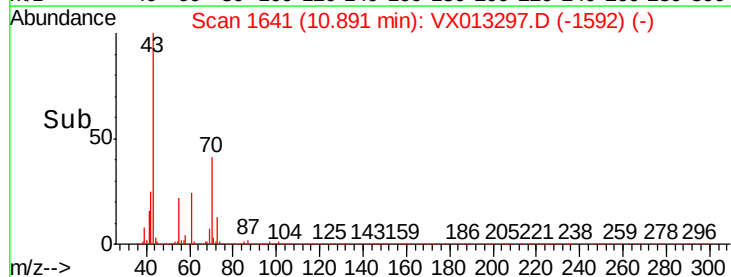
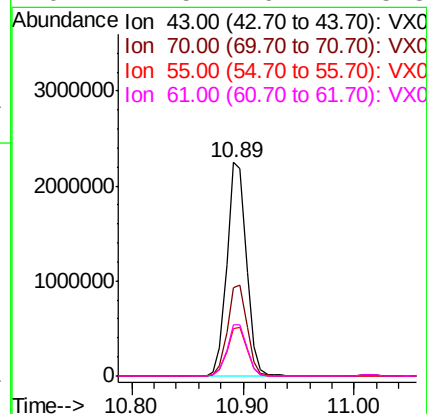
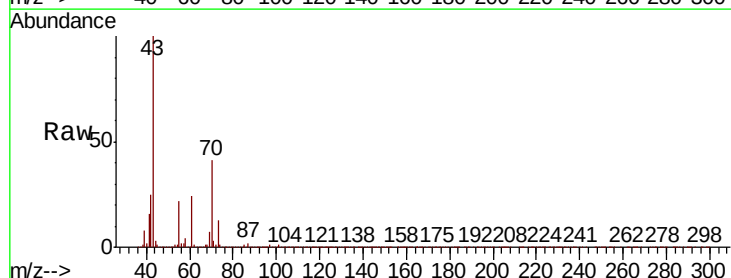
Ion Ratio Lower Upper

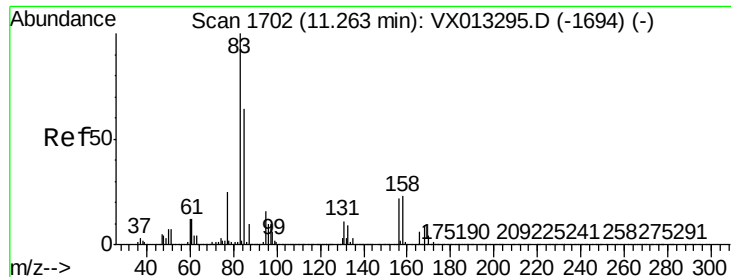
43 100

70 42.6 34.1 51.1

55 23.2 18.9 28.3

61 24.5 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 157.349 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

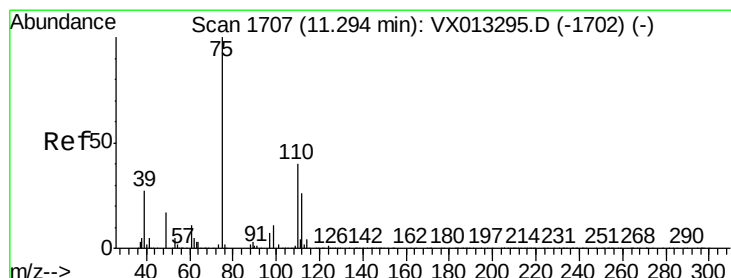
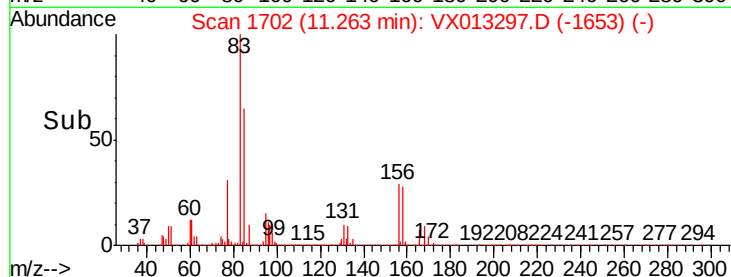
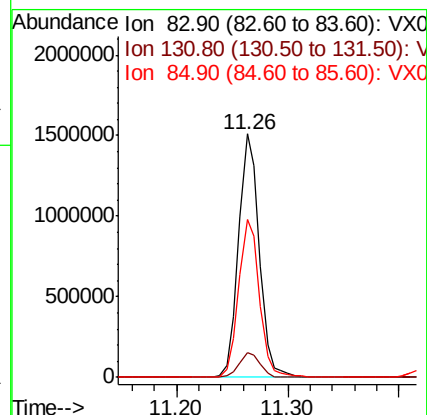
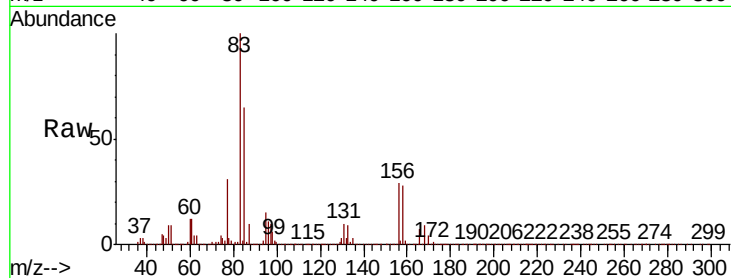
Tot Ion: 83 Resp: 1942759

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	65.1	32.3	96.8

83 100

131 10.2 5.1 15.3

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 225.524 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013297.D

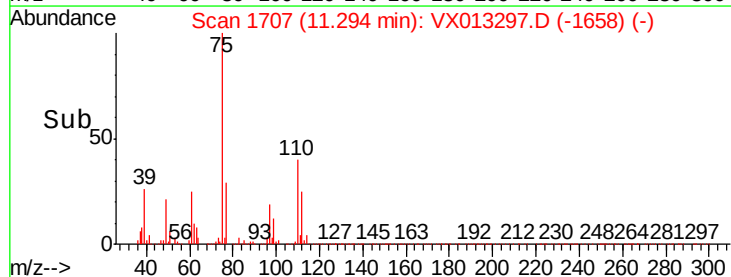
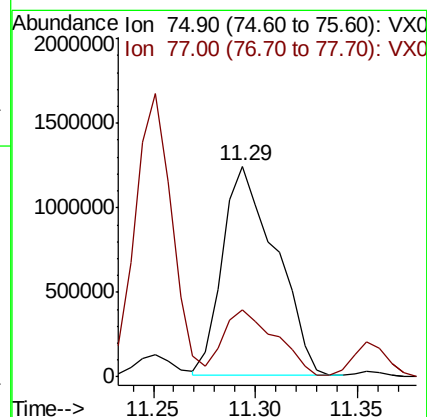
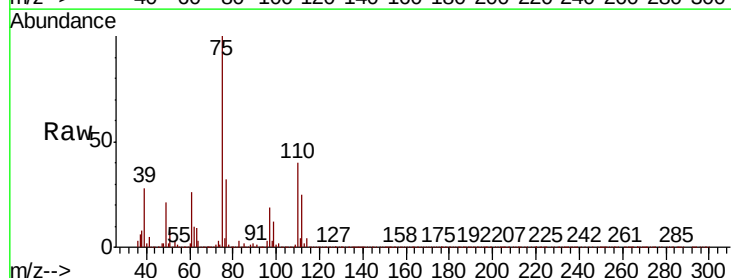
Acq: 31 Oct 2019 18:15

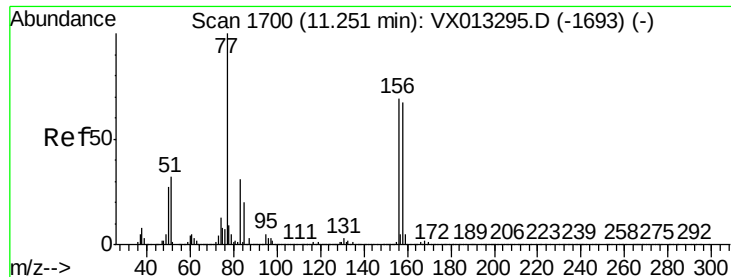
Tgt Ion: 75 Resp: 2258845

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.3	66.8

75 100

77 31.9 22.3 66.8





#77

Bromobenzene

Concen: 138.756 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

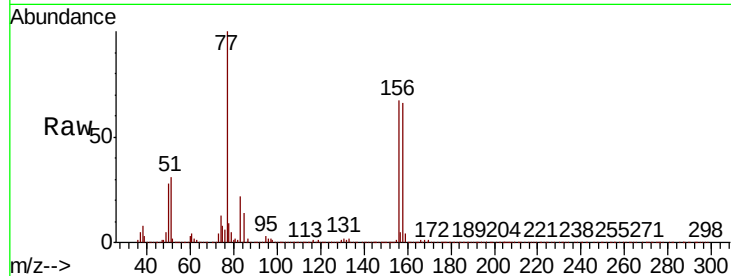
Tot Ion:156 Resp: 1415066

Ion Ratio Lower Upper

156 100

77 149.4 75.8 227.4

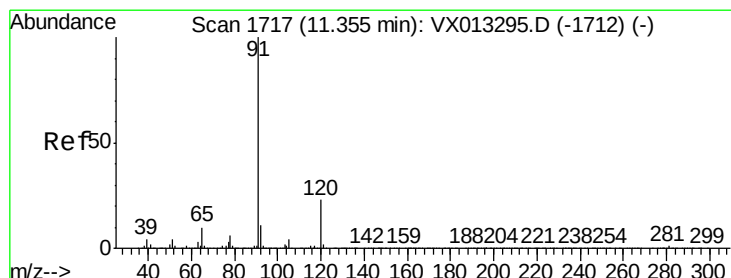
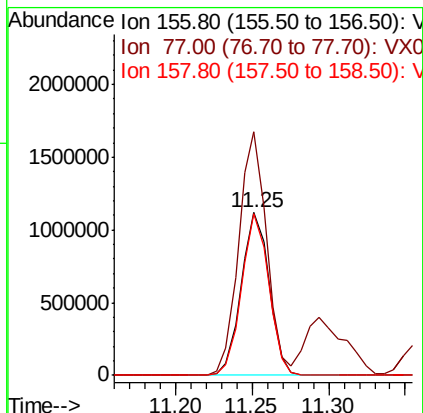
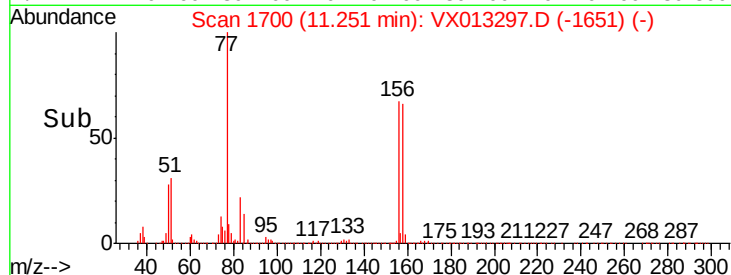
158 97.3 47.6 142.8



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: 144.447 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013297.D

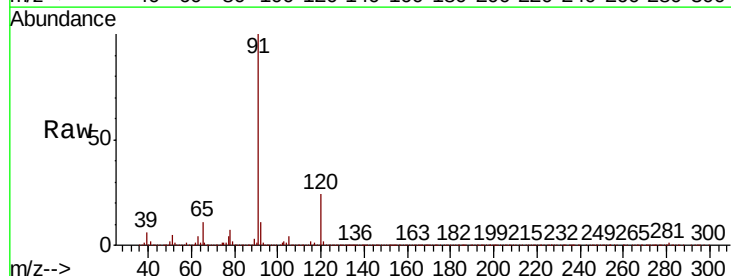
Acq: 31 Oct 2019 18:15

Tgt Ion: 91 Resp: 5951351

Ion Ratio Lower Upper

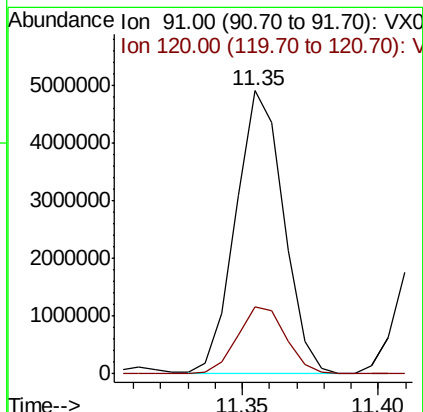
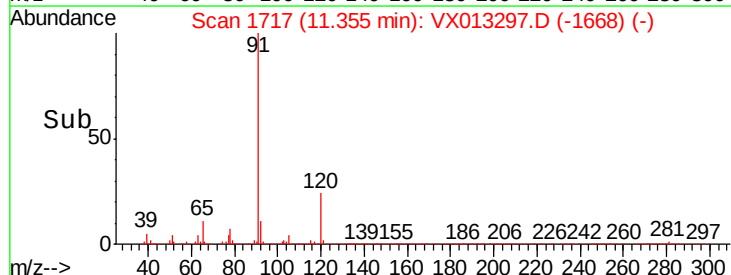
91 100

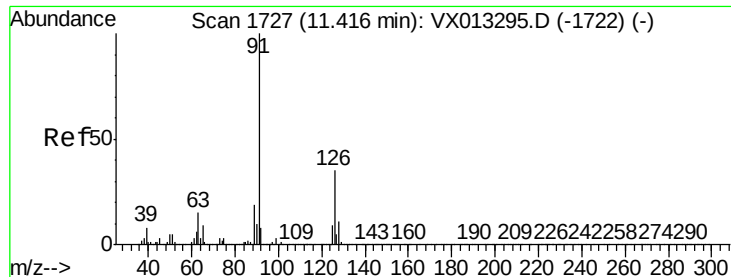
120 24.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 143.642 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

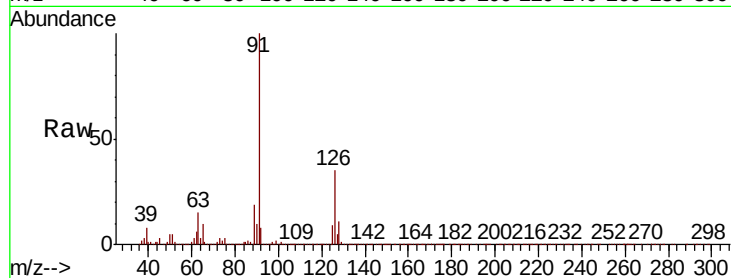
ClientSampleId :

Tot Ion: 91 Resp: 3550088

Ion Ratio Lower Upper

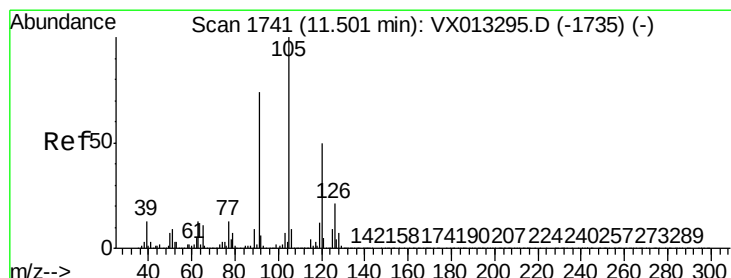
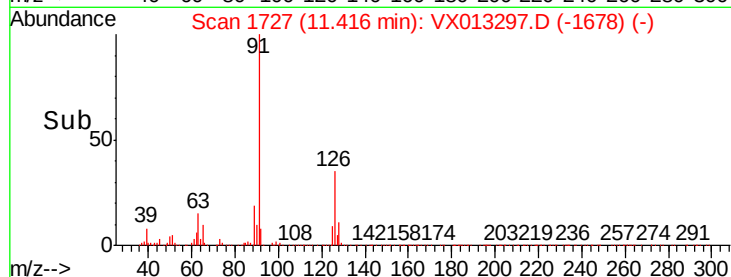
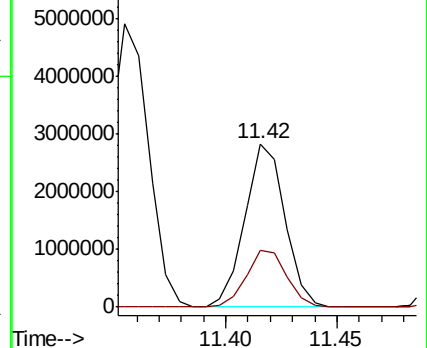
91 100

126 35.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 145.771 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013297.D

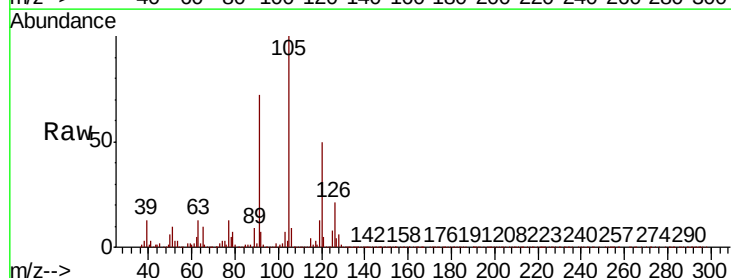
Acq: 31 Oct 2019 18:15

Tgt Ion: 105 Resp: 4518982

Ion Ratio Lower Upper

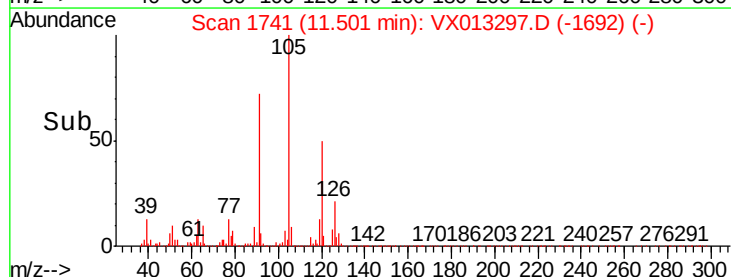
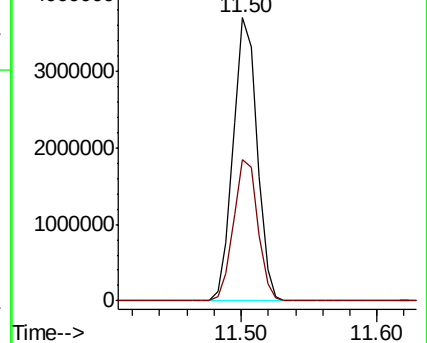
105 100

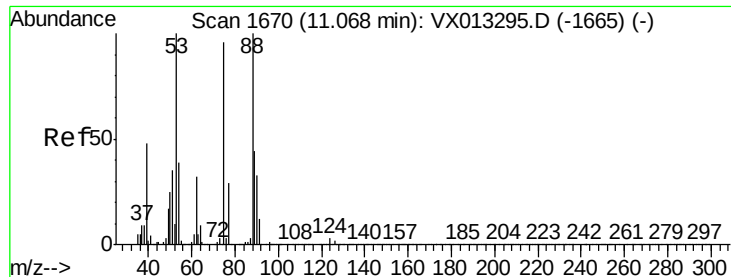
120 50.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 187.611 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

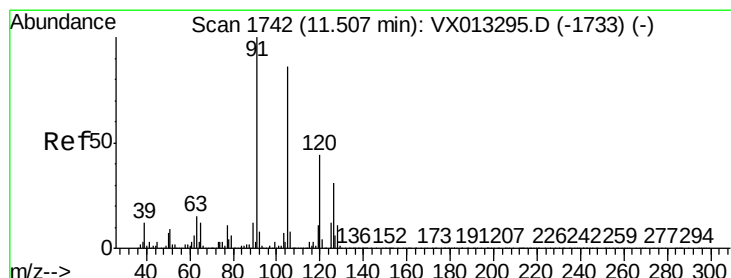
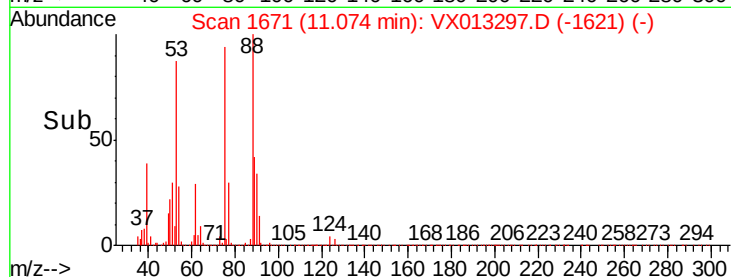
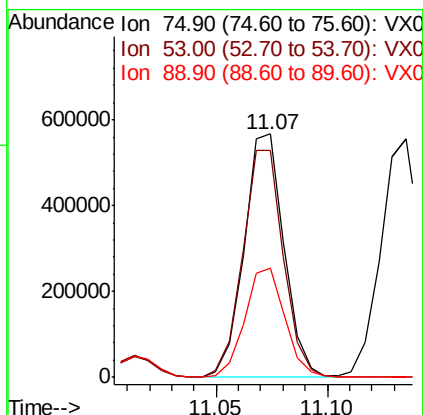
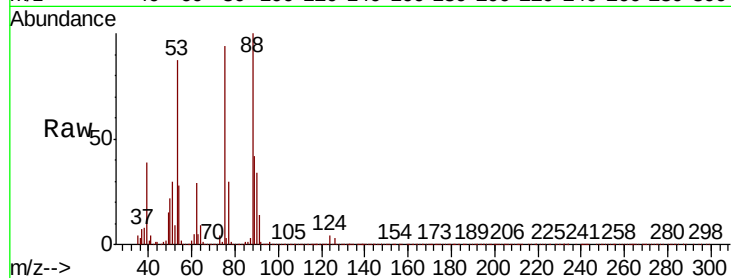
Tot Ion: 75 Resp: 707216

Ion Ratio Lower Upper

75 100

53 95.3 81.0 121.6

89 45.1 36.0 54.0



#82

4-Chlorotoluene

Concen: 147.155 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013297.D

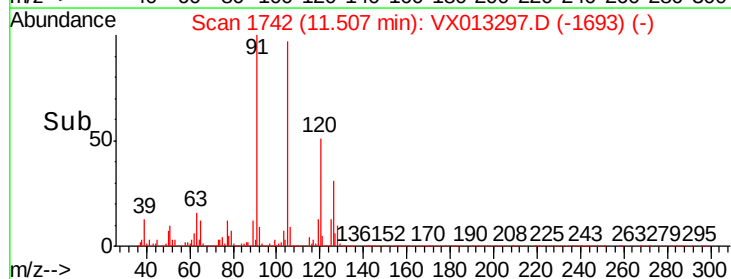
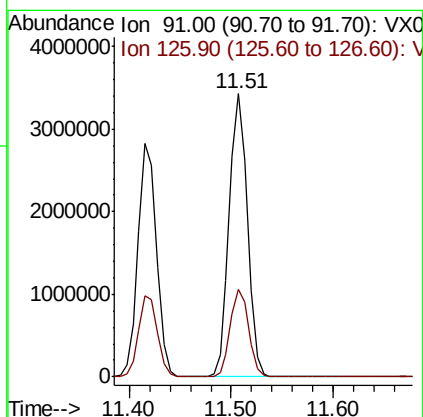
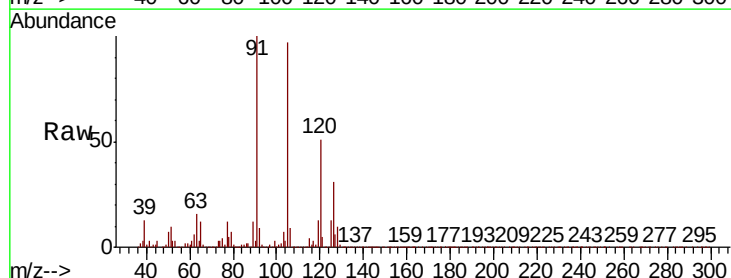
Acq: 31 Oct 2019 18:15

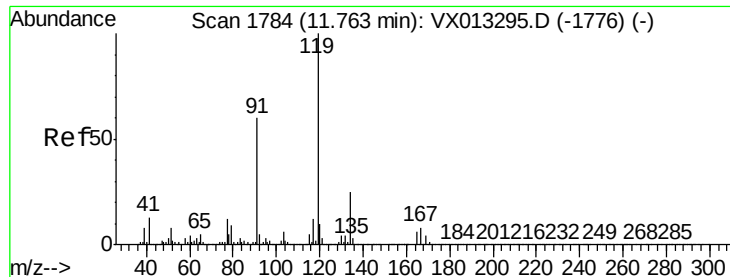
Tgt Ion: 91 Resp: 4232400

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.8

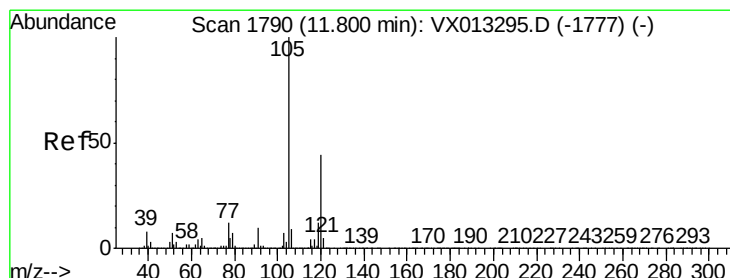
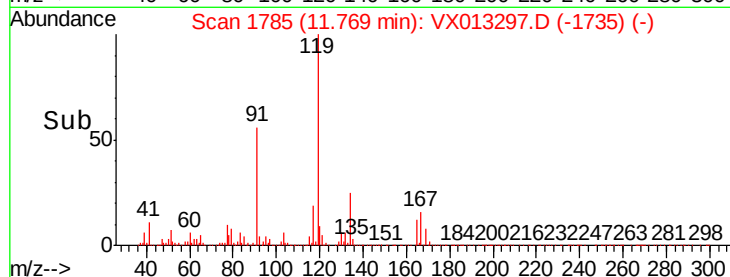
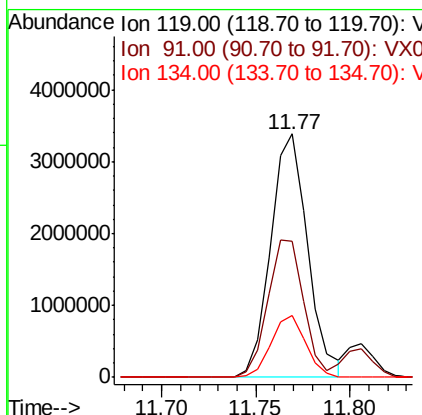
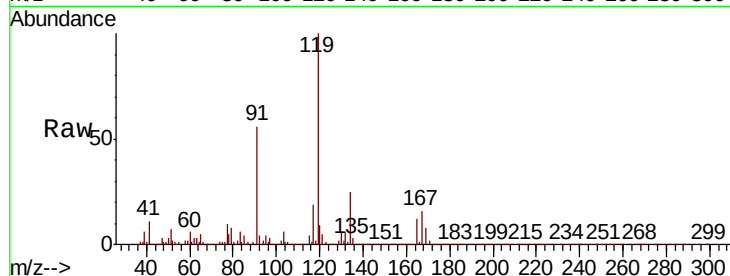




#83
 tert-Butylbenzene
 Concen: 149.960 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

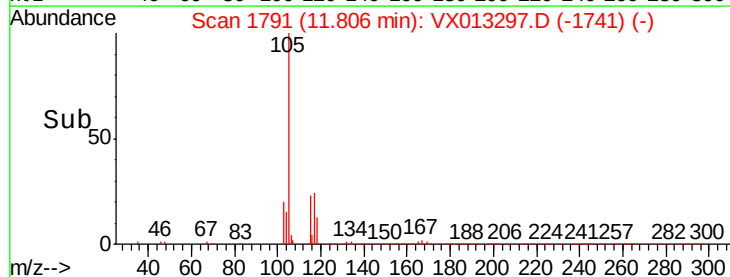
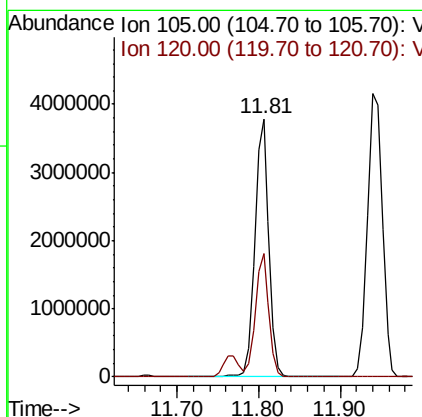
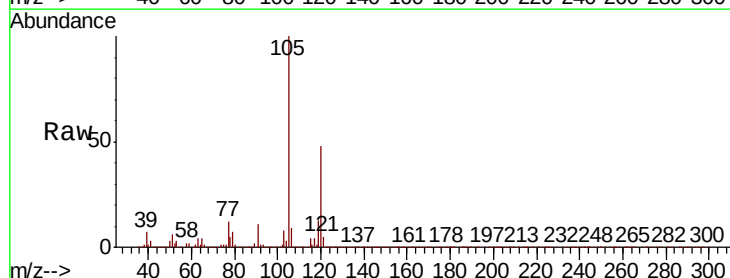
Instrument :
 MSVOA_X
 ClientSampleId :

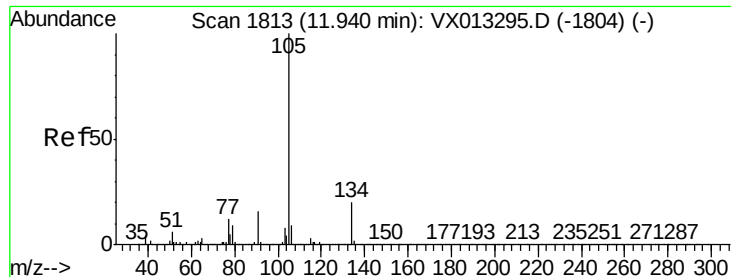
Tot Ion:119 Resp: 4601325
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.9 80.7
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 145.961 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Tgt Ion:105 Resp: 4567608
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 146.195 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_X

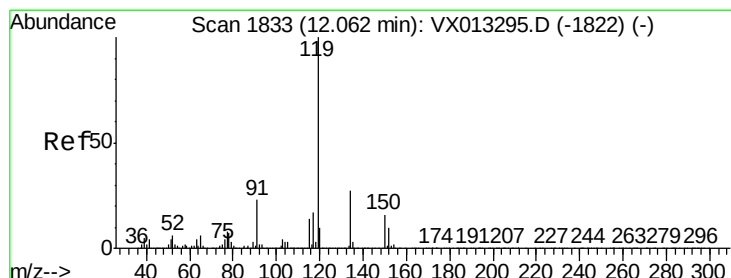
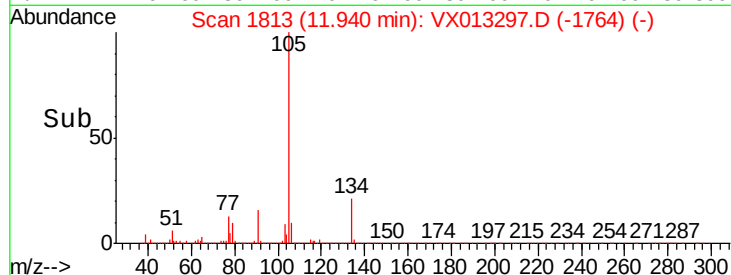
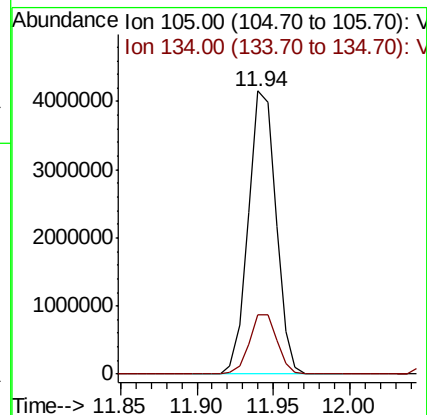
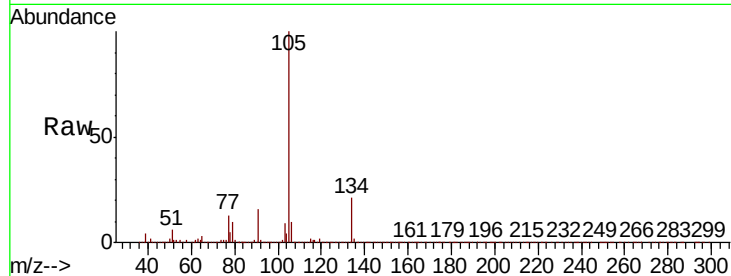
ClientSampleId :

Tot Ion:105 Resp: 5214293

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.9



#86

p-Isopropyltoluene

Concen: 148.758 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013297.D

Acq: 31 Oct 2019 18:15

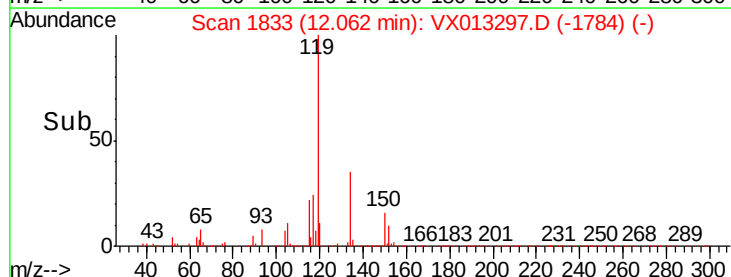
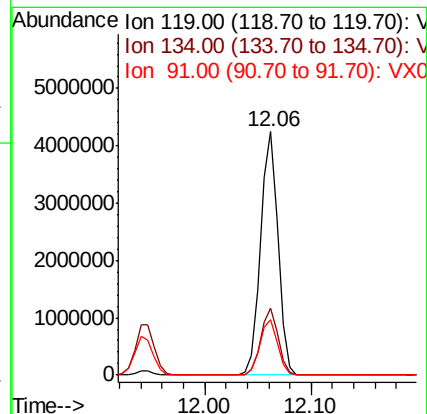
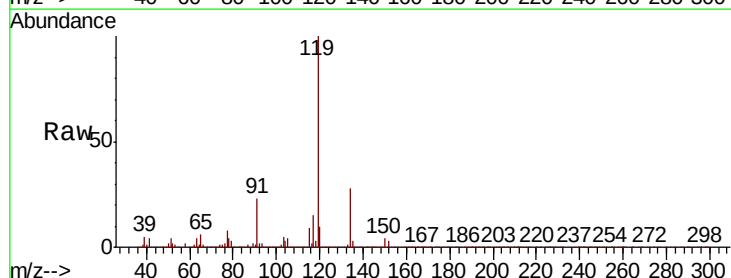
Tgt Ion:119 Resp: 4909342

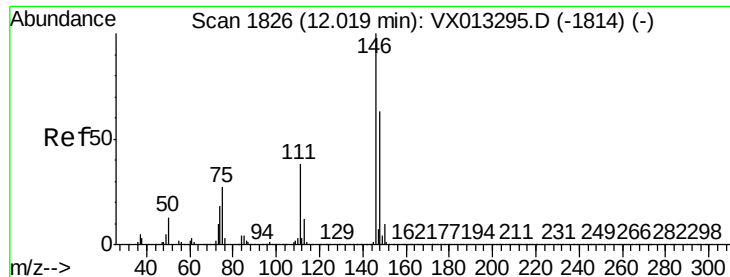
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

91 23.1 11.5 34.4

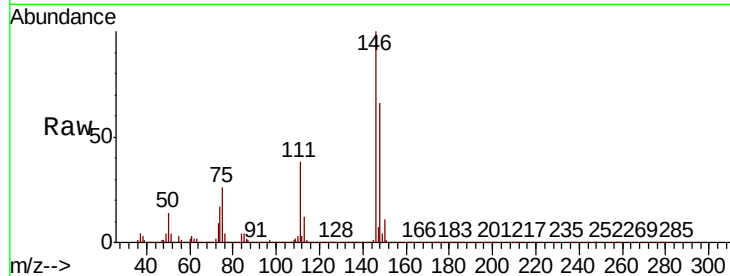




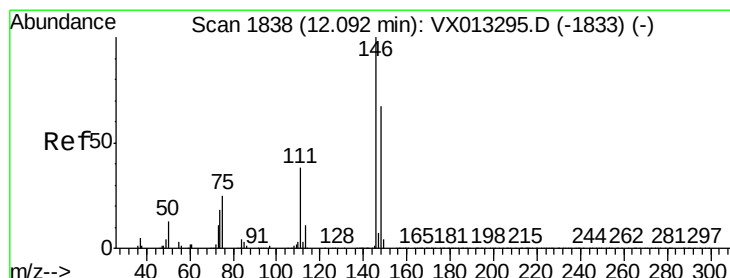
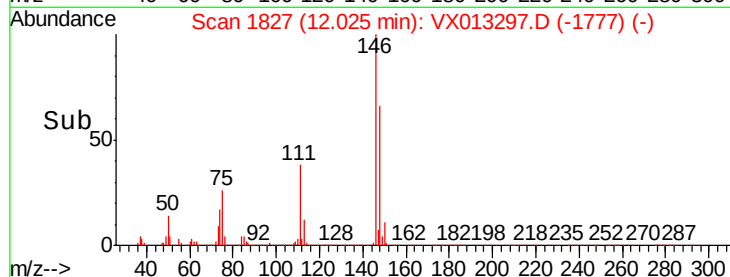
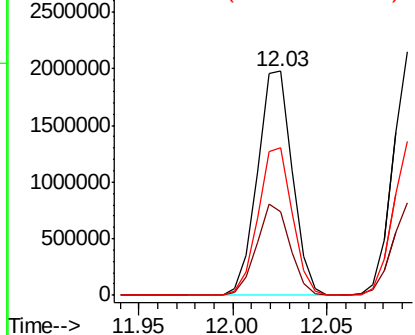
#87
 1,3-Dichlorobenzene
 Concen: 143.458 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 2543604
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.9 56.5
 148 64.9 31.9 95.7

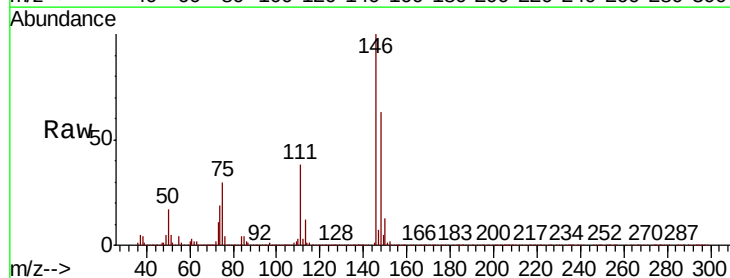


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

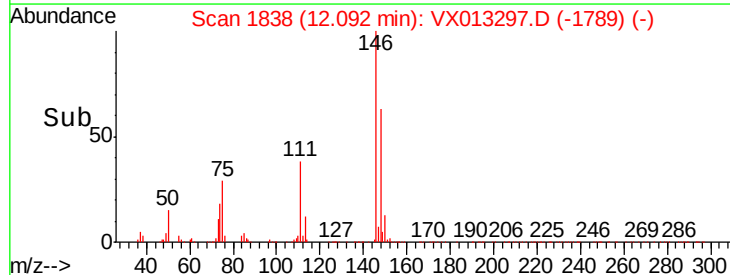
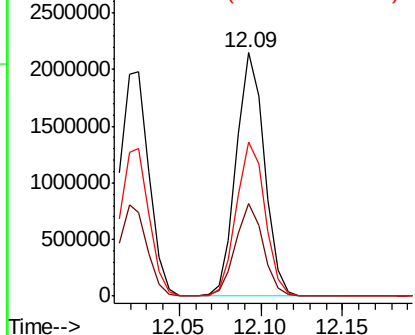


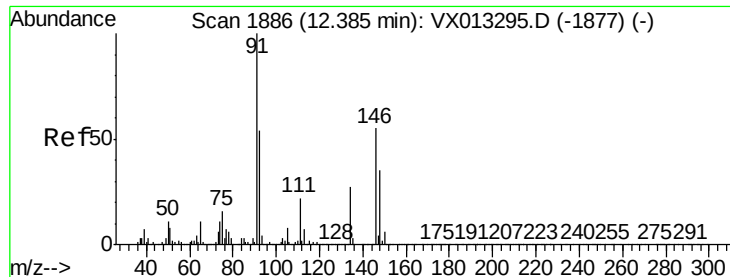
#88
 1,4-Dichlorobenzene
 Concen: 142.616 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Tgt Ion:146 Resp: 2584449
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.8 56.4
 148 64.5 32.4 97.0



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

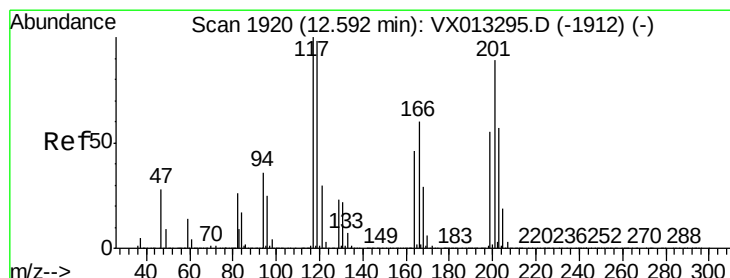
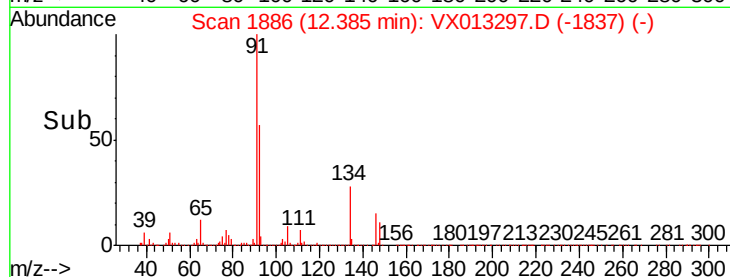
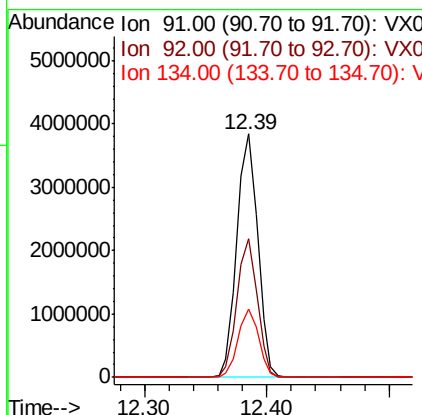
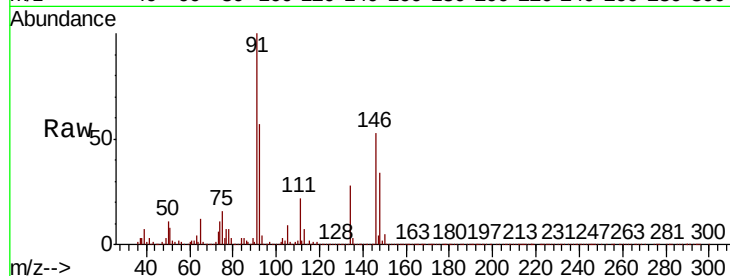




#89
n-Butylbenzene
Concen: 159.686 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

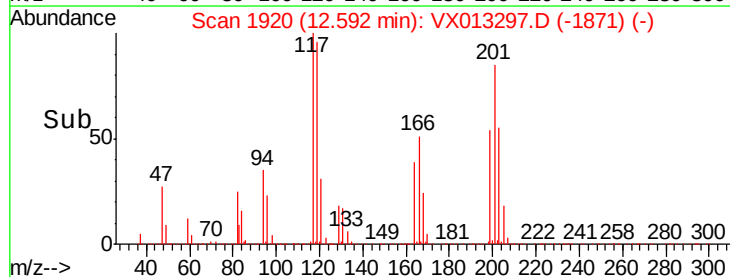
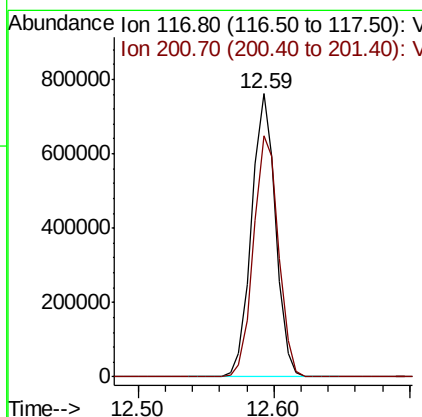
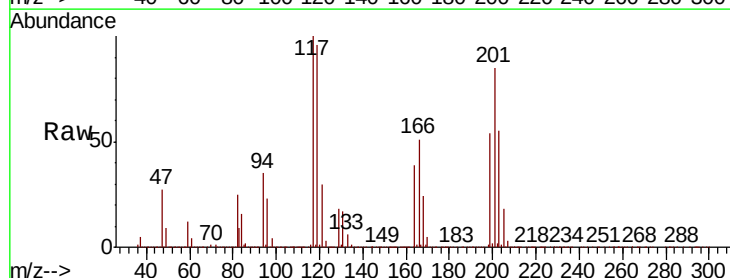
Instrument :
MSVOA_X
ClientSampled :

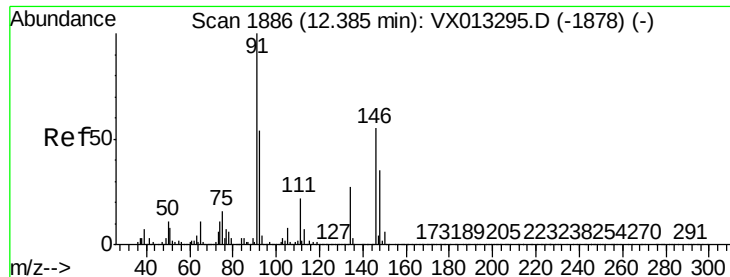
Tot Ion: 91 Resp: 4517059
Ion Ratio Lower Upper
91 100
92 55.5 27.3 81.8
134 27.5 13.5 40.5



#90
Hexachloroethane
Concen: 178.337 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 117 Resp: 945375
Ion Ratio Lower Upper
117 100
201 88.6 43.9 131.7

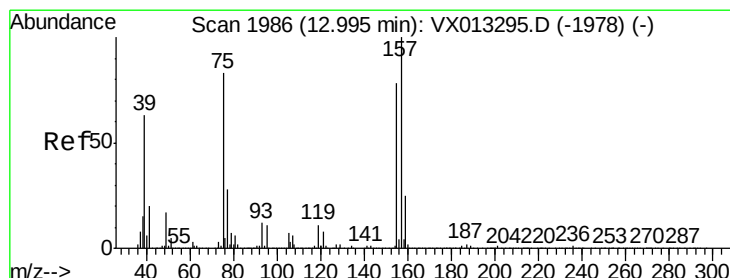
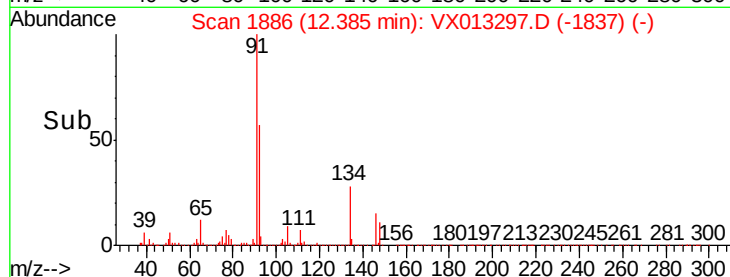
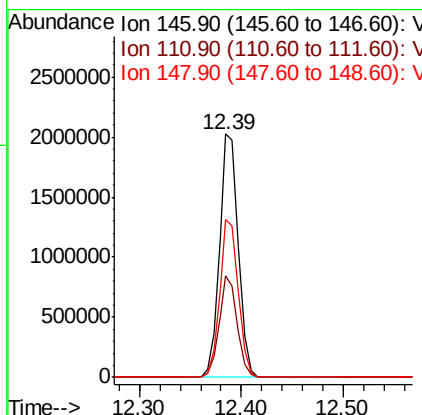
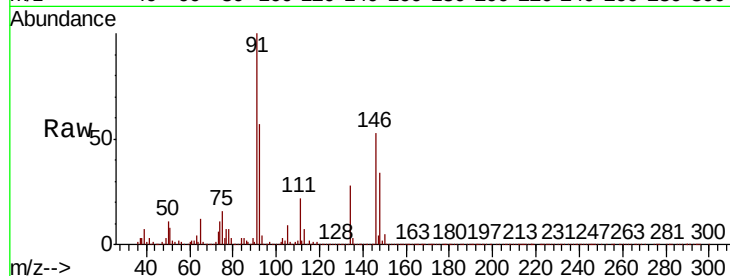




#91
 1,2-Dichlorobenzene
 Concen: 148.085 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

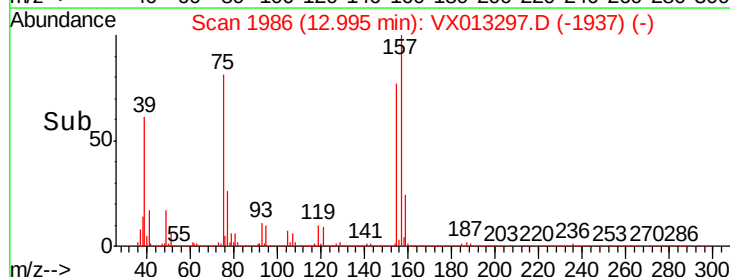
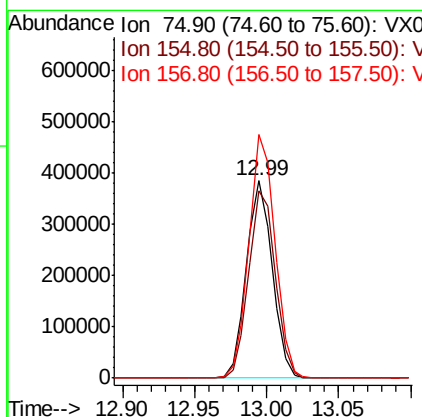
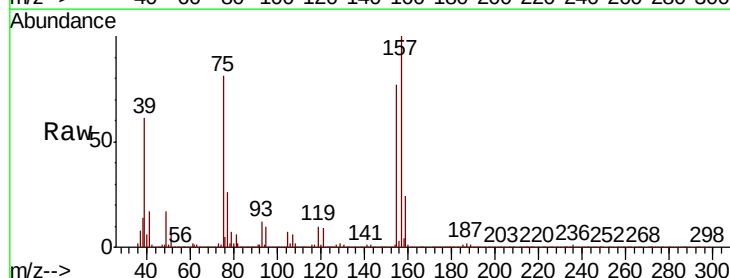
Instrument :
 MSVOA_X
 ClientSampled :

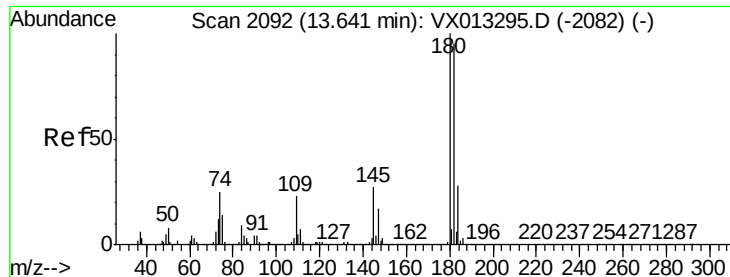
Tot Ion:146 Resp: 2601278
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 64.3 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 180.851 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Tgt Ion: 75 Resp: 476398
 Ion Ratio Lower Upper
 75 100
 155 98.0 47.1 141.4
 157 124.7 61.3 183.8

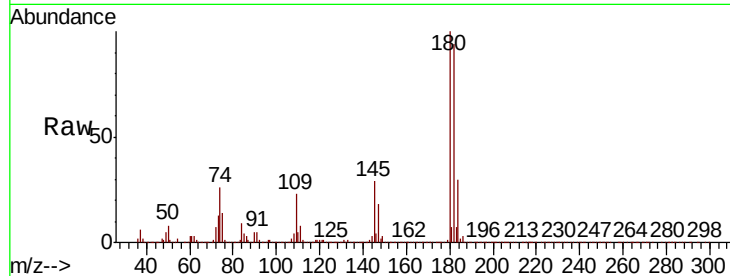




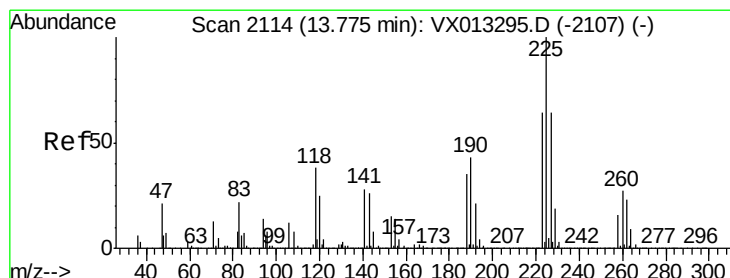
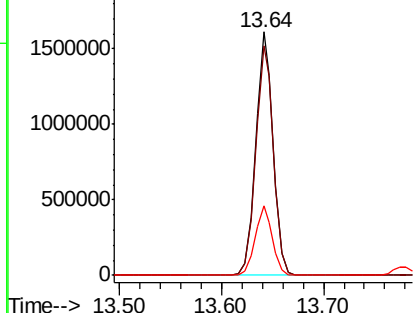
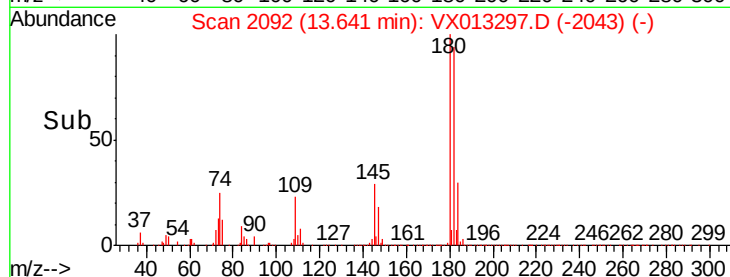
#93
 1,2,4-Trichlorobenzene
 Concen: 160.345 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 1915816
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.4 145.0
 145 28.4 14.1 42.4

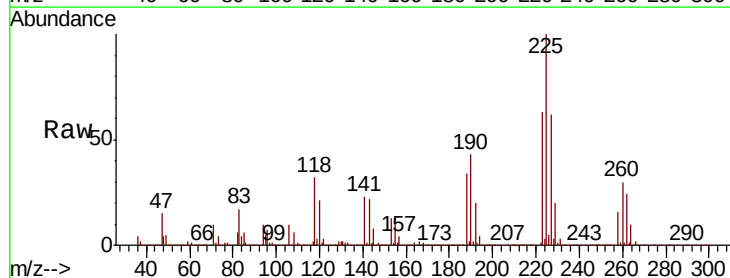


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

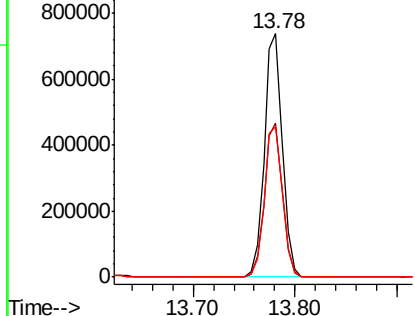
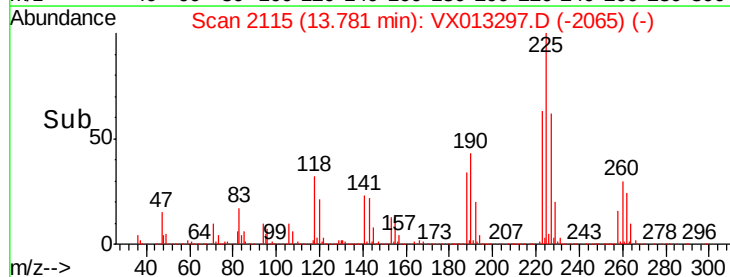


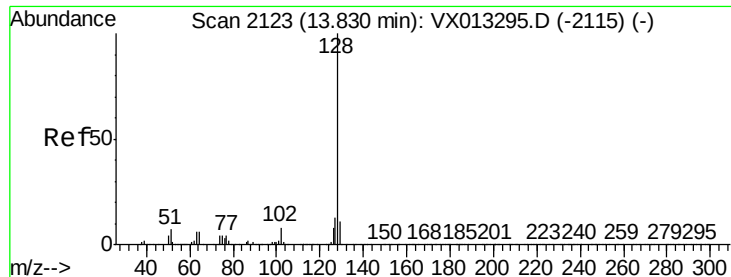
#94
 Hexachlorobutadiene
 Concen: 153.329 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013297.D
 Acq: 31 Oct 2019 18:15

Tgt Ion:225 Resp: 905710
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.7
 227 62.7 31.9 95.9



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

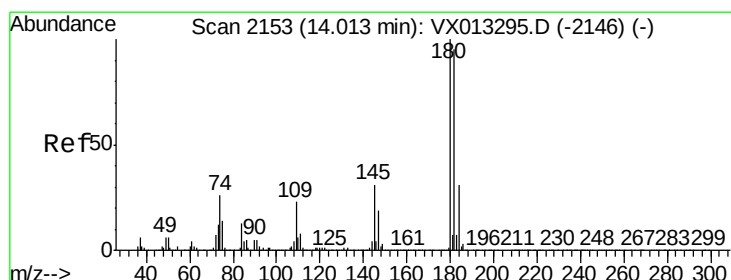
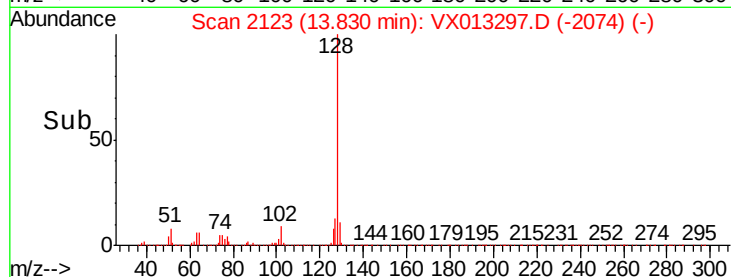
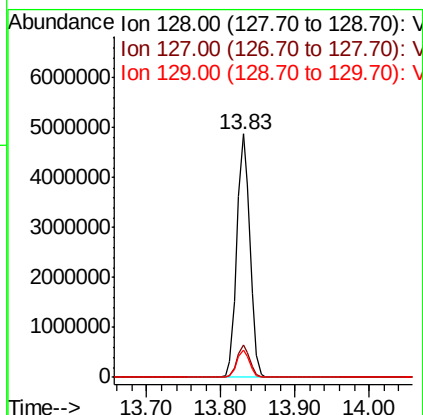
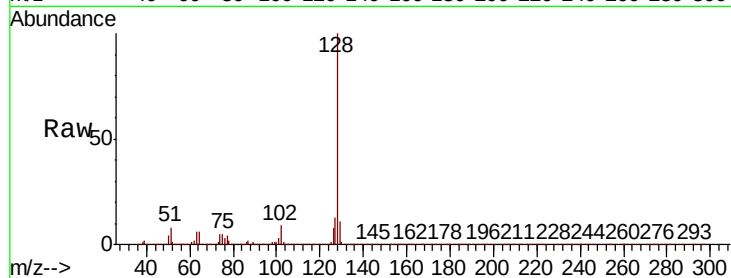




#95
Naphthalene
Concen: 167.415 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 6017803
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 157.539 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013297.D
Acq: 31 Oct 2019 18:15

Tgt Ion:180 Resp: 1880466
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 30.4 15.4 46.4

