

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137866.D
 Acq On : 09 Dec 2019 21:14
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 03:29:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	842921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	765925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	292807	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.48	113	247112	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	8.71	98	919138	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
62) 4-Bromofluorobenzene	11.14	95	330717	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282196	47.391	ug/l	97
3) Chloromethane	1.32	50	321063	48.052	ug/l	100
4) Vinyl Chloride	1.40	62	374935	49.856	ug/l	100
5) Bromomethane	1.63	94	222632	44.082	ug/l	97
6) Chloroethane	1.71	64	207931	48.589	ug/l	98
7) Trichlorofluoromethane	1.92	101	405965	48.615	ug/l	98
8) Diethyl Ether	2.18	74	195253	51.683	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1282019	251.345	ug/l	99
10) Methyl Iodide	2.50	142	297227	48.173	ug/l	99
11) Tert butyl alcohol	3.04	59	407210	265.661	ug/l	99
12) 1,1-Dichloroethene	2.36	96	258645	50.802	ug/l	98
13) Acrolein	2.28	56	308246	299.479	ug/l	97
14) Allyl chloride	2.72	41	462311	50.037	ug/l	98
15) Acrylonitrile	3.13	53	848891	268.296	ug/l	99
16) Acetone	2.44	43	739046	241.050	ug/l	100
17) Carbon Disulfide	2.56	76	617226	42.527	ug/l	99
18) Methyl Acetate	2.76	43	456911	53.518	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	866604	51.381	ug/l	99
20) Methylene Chloride	2.84	84	291388	49.470	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	267685	48.263	ug/l	97
22) Diisopropyl ether	3.84	45	941280	52.908	ug/l	100
23) Vinyl Acetate	3.80	43	3636448	245.704	ug/l	100
24) 1,1-Dichloroethane	3.69	63	504206	51.843	ug/l	99
25) 2-Butanone	4.66	43	1210269	265.610	ug/l	100
26) 2,2-Dichloropropane	4.57	77	329706	40.974	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	346818	54.450	ug/l	98
28) Bromochloromethane	5.01	49	208315	54.202	ug/l	98
29) Tetrahydrofuran	5.11	42	779647	277.555	ug/l	99
30) Chloroform	5.20	83	497635	50.453	ug/l	99
31) Cyclohexane	5.57	56	432604	47.159	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	413108	50.120	ug/l	98
36) 1,1-Dichloropropene	5.79	75	359459	46.978	ug/l	99
37) Ethyl Acetate	4.82	43	430827	50.190	ug/l	99
38) Carbon Tetrachloride	5.78	117	345576	48.980	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	415393	43.919	ug/l	98
40) Benzene	6.13	78	1141233	48.971	ug/l	99
41) Methacrylonitrile	5.03	41	253059	53.756	ug/l	99
42) 1,2-Dichloroethane	6.18	62	394593	49.649	ug/l	100
43) Isopropyl Acetate	6.43	43	691959	48.964	ug/l	100
44) Trichloroethene	7.21	130	1038120	162.313	ug/l	98
45) 1,2-Dichloropropane	7.51	63	299851	51.427	ug/l	97
46) Dibromomethane	7.65	93	195455	49.357	ug/l	99
47) Bromodichloromethane	7.89	83	384943	51.420	ug/l	98
48) Methyl methacrylate	7.76	41	359448	52.349	ug/l	100
49) 1,4-Dioxane	7.73	88	169274	1101.362	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2363771	265.912	ug/l	100
52) Toluene	8.78	92	711089	49.117	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	405954	47.640	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	454322	48.801	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	300252	51.464	ug/l	99
56) Ethyl methacrylate	9.17	69	481076	51.288	ug/l	100
57) 1,3-Dichloropropane	9.37	76	507737	50.490	ug/l	99
59) 2-Hexanone	9.49	43	1852775	267.241	ug/l	98
60) Dibromochloromethane	9.57	129	310997	51.365	ug/l	100
61) 1,2-Dibromoethane	9.67	107	310728	49.867	ug/l	99
64) Tetrachloroethene	9.33	164	345733	60.530	ug/l	95
65) Chlorobenzene	10.14	112	768663	48.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	286812	50.227	ug/l	99
67) Ethyl Benzene	10.25	91	1337857	48.959	ug/l	99
68) m/p-Xylenes	10.35	106	1009309	96.474	ug/l	100
69) o-Xylene	10.70	106	499140	48.918	ug/l	98
70) Stvrene	10.71	104	848999	49.464	ug/l	99
71) Bromoform	10.85	173	238425	50.462	ug/l #	99
73) Isopropylbenzene	11.01	105	1305099	49.810	ug/l	99
74) N-amyl acetate	10.89	43	598163	49.836	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	489663	53.889	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	536898	63.907	ug/l	88
77) Bromobenzene	11.25	156	346115	48.897	ug/l	98
78) n-propylbenzene	11.35	91	1440490	49.249	ug/l	99
79) 2-Chlorotoluene	11.42	91	867829	49.461	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1070036	49.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	144991	47.215	ug/l	99
82) 4-Chlorotoluene	11.51	91	984167	48.429	ug/l	99
83) tert-Butylbenzene	11.77	119	1104931	50.628	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1086519	49.853	ug/l	100
85) sec-Butylbenzene	11.94	105	1233814	49.495	ug/l	99
86) p-Isopropyltoluene	12.06	119	1117846	48.202	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	589791	47.799	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	588693	46.841	ug/l	99
89) n-Butylbenzene	12.38	91	911464	46.082	ug/l	99
90) Hexachloroethane	12.59	117	207622	49.531	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	597452	49.006	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102182	51.640	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	376193	44.277	ug/l	99

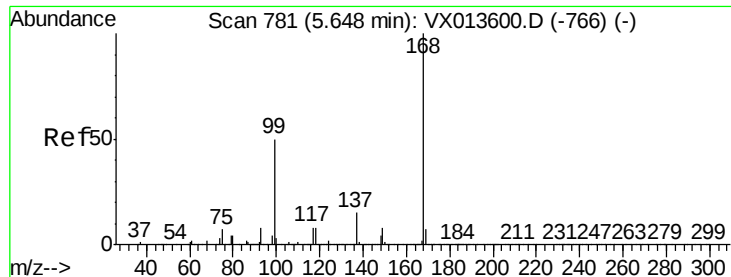
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173433	42.492	ug/l	99
95) Naphthalene	13.83	128	1216148	48.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	393689	46.798	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

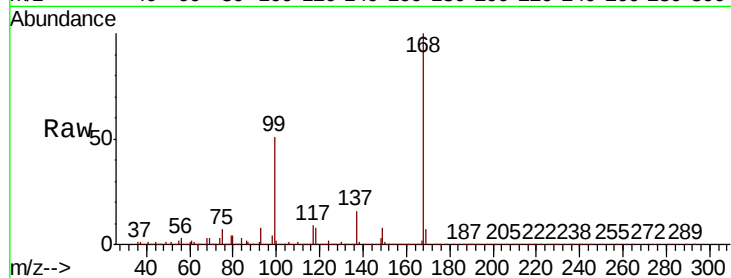
ClientSampleId :

Tot Ion:168 Resp: 534985

Ion Ratio Lower Upper

168 100

99 50.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

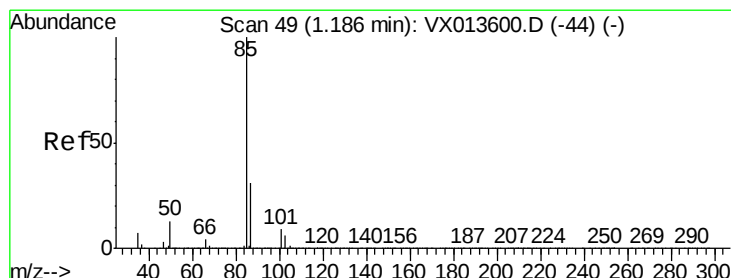
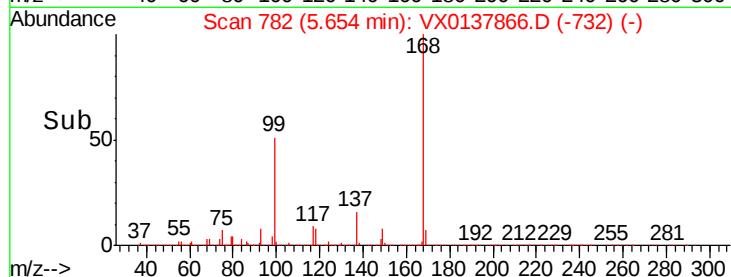
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.391 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX0137866.D

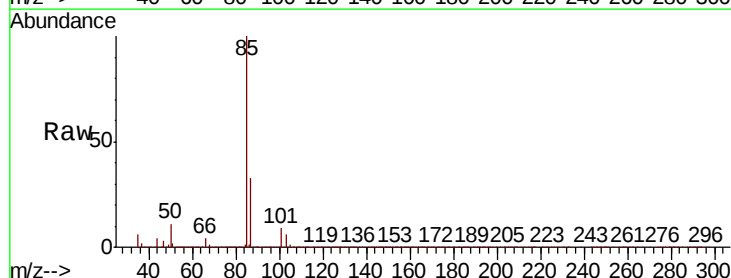
Acq: 09 Dec 2019 21:14

Tgt Ion: 85 Resp: 282196

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

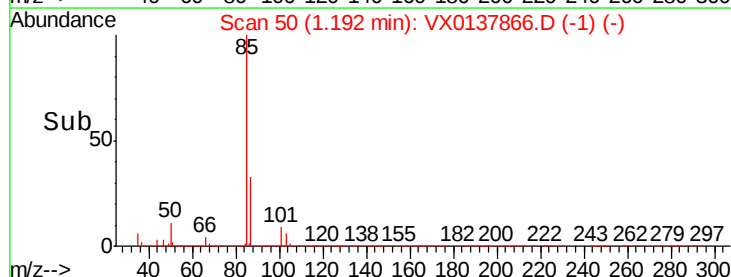
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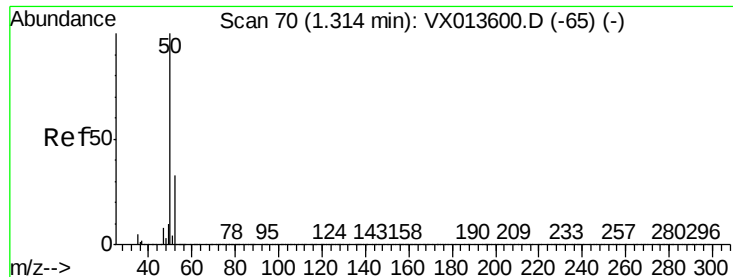
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.052 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

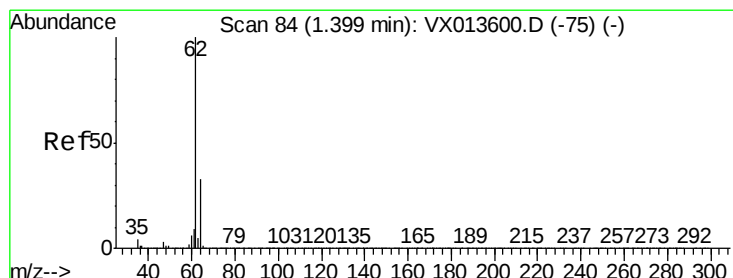
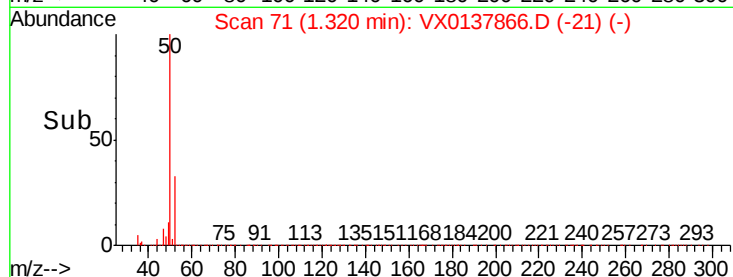
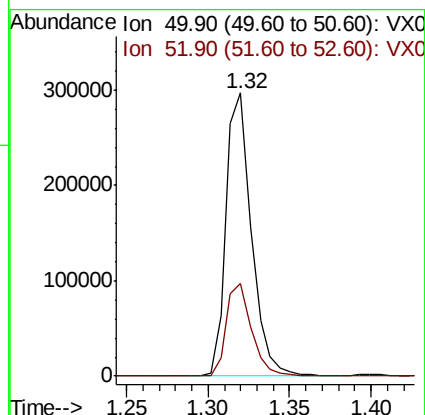
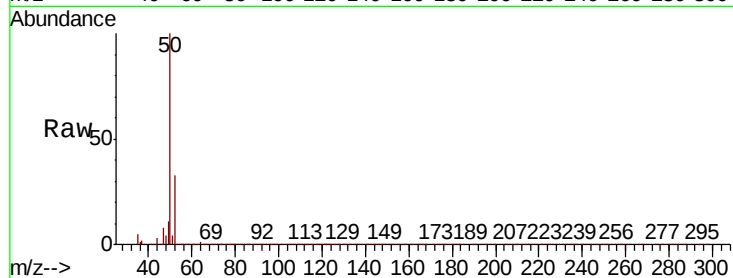
ClientSampleId :

Tot Ion: 50 Resp: 321063

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 49.856 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX0137866.D

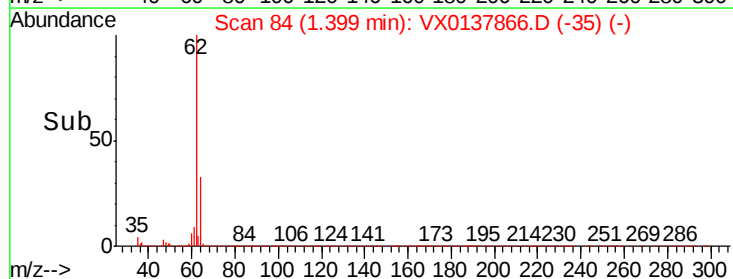
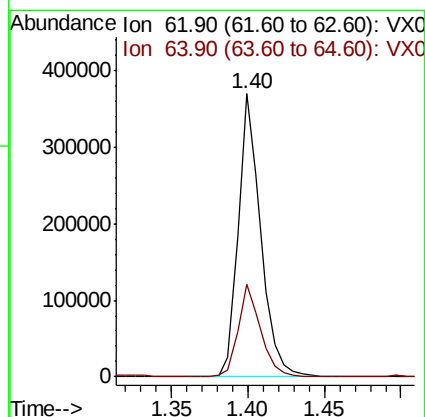
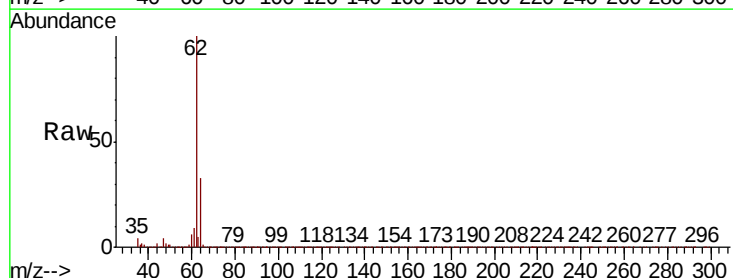
Acq: 09 Dec 2019 21:14

Tgt Ion: 62 Resp: 374935

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 44.082 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

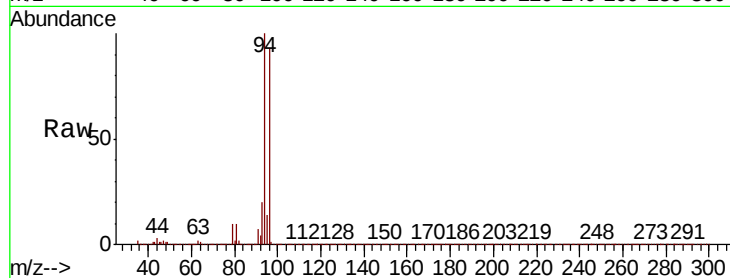
ClientSampled :

Tot Ion: 94 Resp: 222632

Ion Ratio Lower Upper

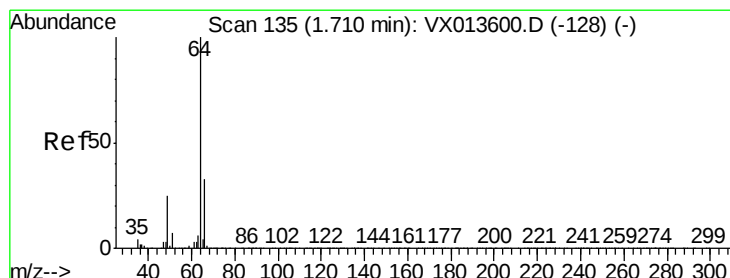
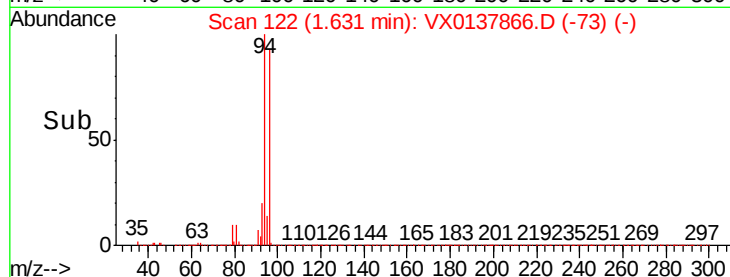
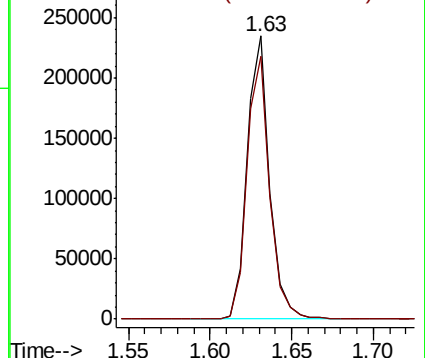
94 100

96 92.9 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.589 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX0137866.D

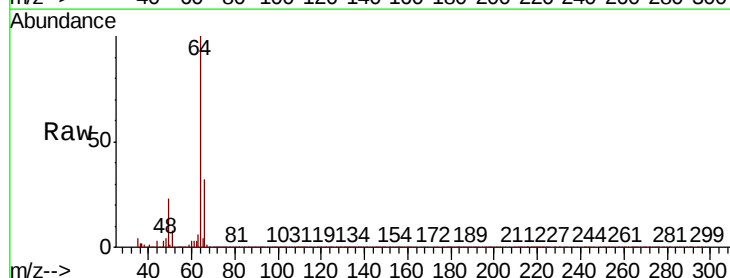
Acq: 09 Dec 2019 21:14

Tgt Ion: 64 Resp: 207931

Ion Ratio Lower Upper

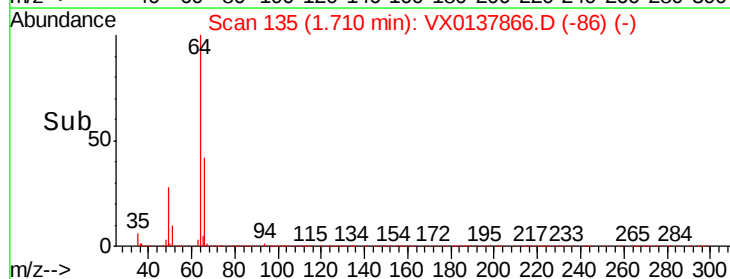
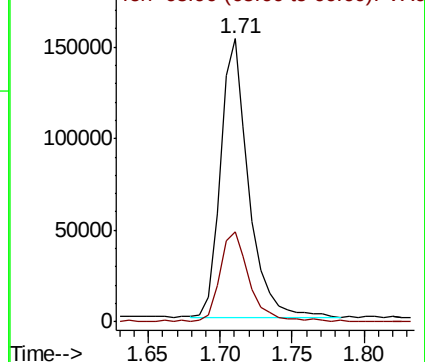
64 100

66 32.0 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



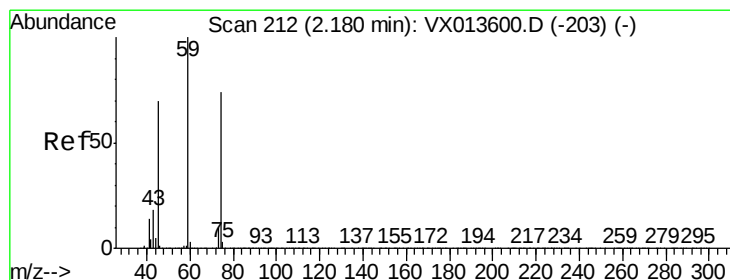
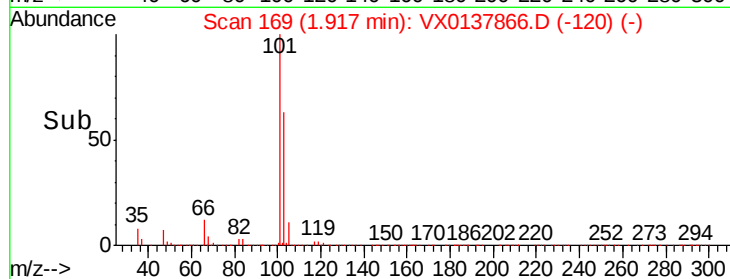
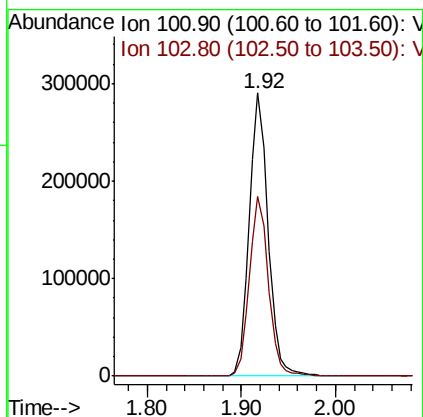
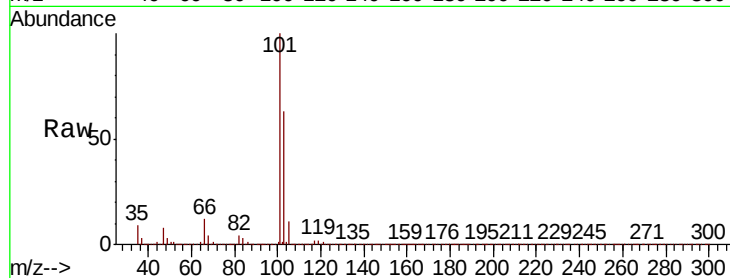


#7

Trichlorofluoromethane
 Concen: 48.615 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :

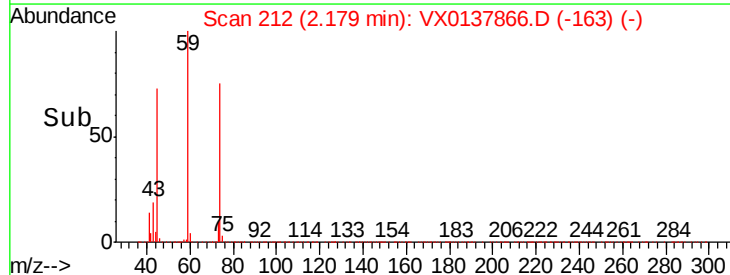
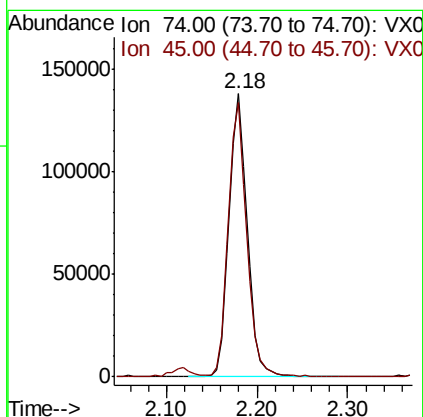
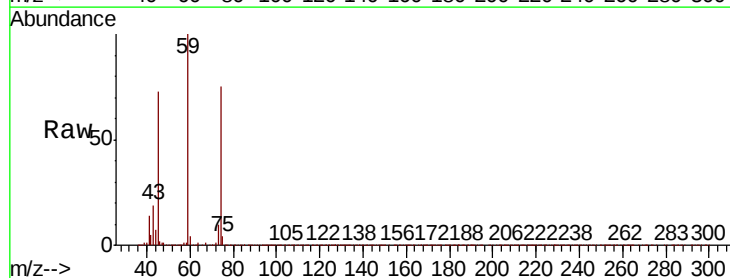
Tot Ion:101 Resp: 405965
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.8 77.6

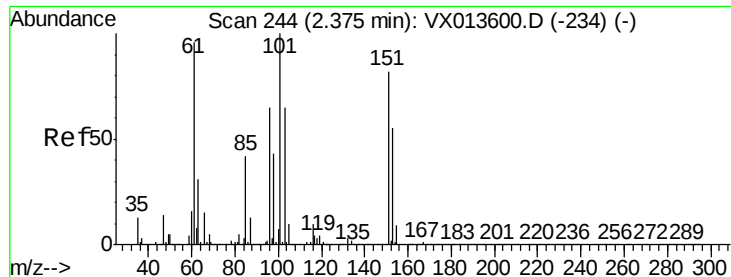


#8

Diethyl Ether
 Concen: 51.683 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion: 74 Resp: 195253
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 251.345 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

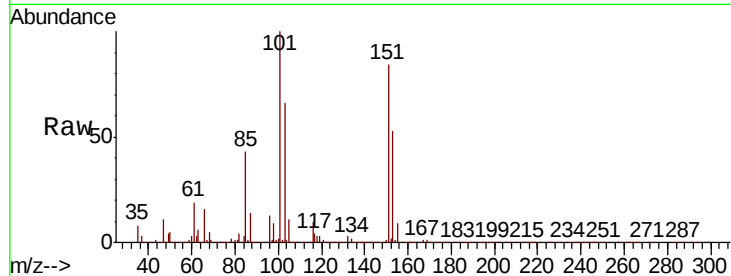
Tot Ion:101 Resp: 1282019

Ion Ratio Lower Upper

101 100

85 42.3 33.9 50.9

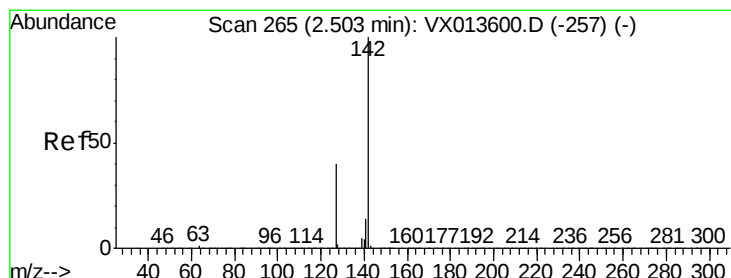
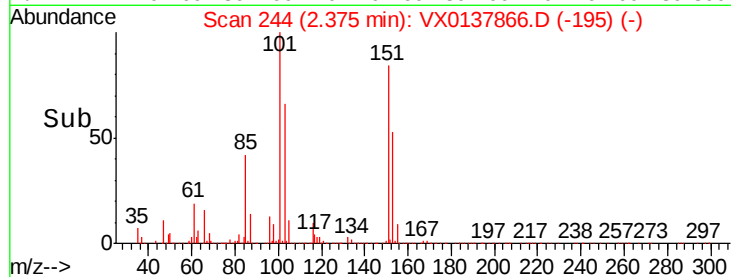
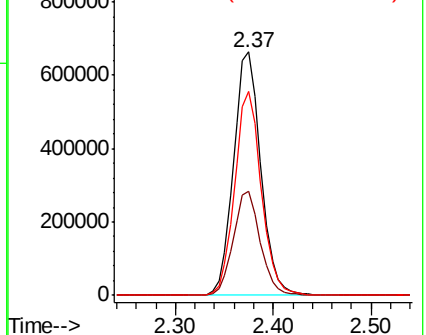
151 82.0 64.2 96.2



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: 48.173 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

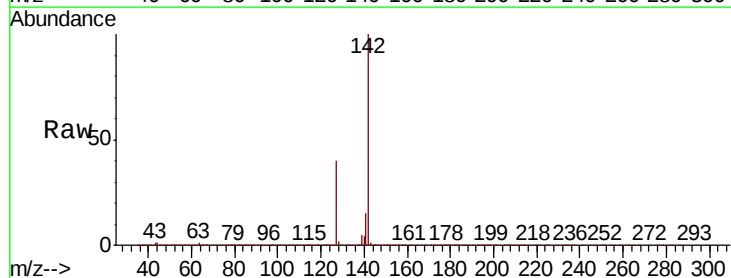
Tgt Ion:142 Resp: 297227

Ion Ratio Lower Upper

142 100

127 39.6 31.0 46.4

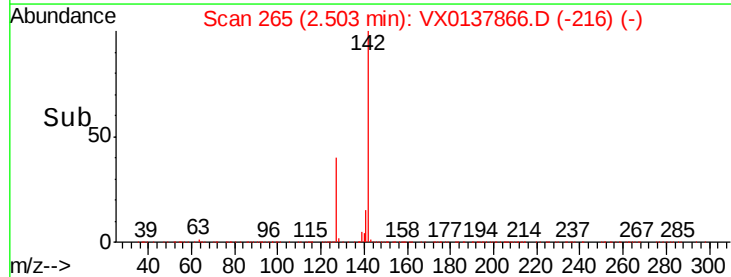
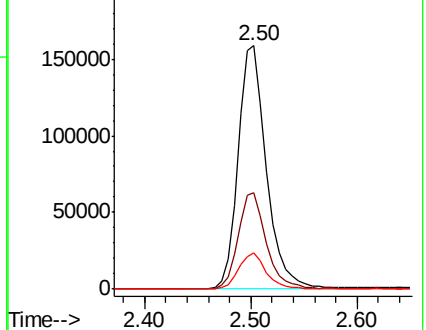
141 14.6 11.6 17.4



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



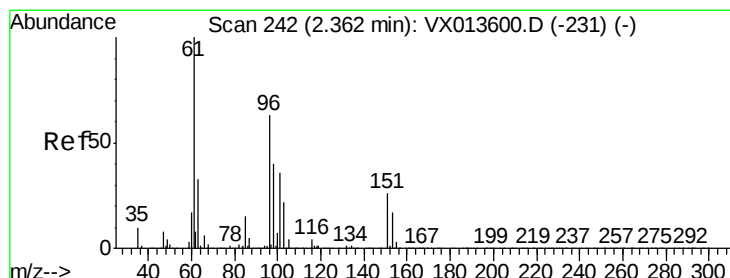
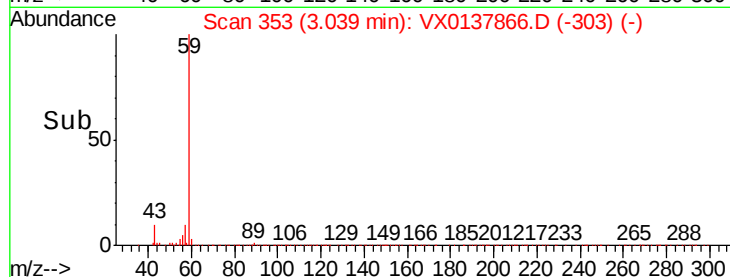
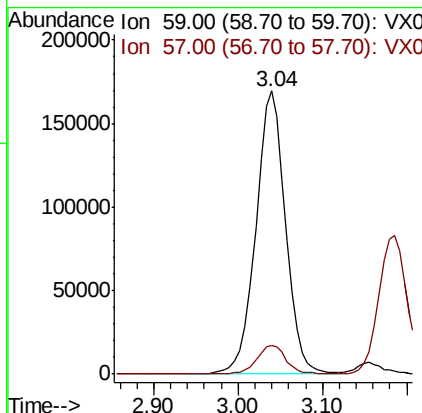
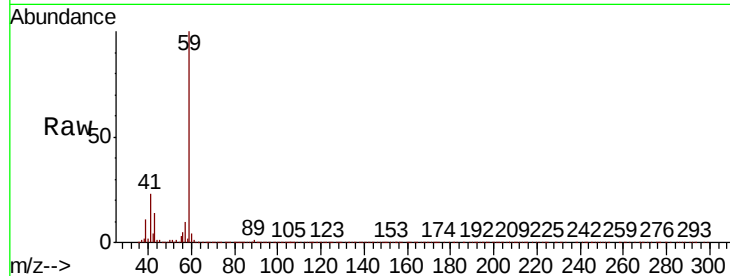


#11

Tert butyl alcohol
Concen: 265.661 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :

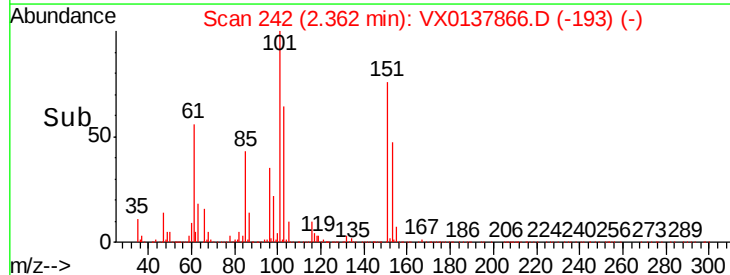
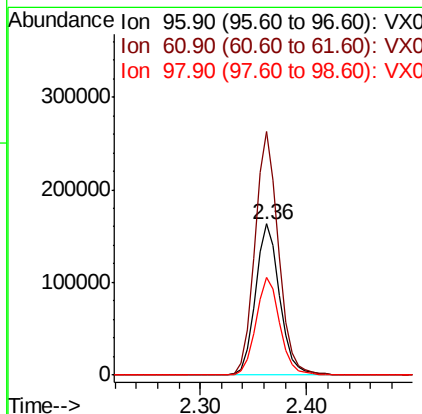
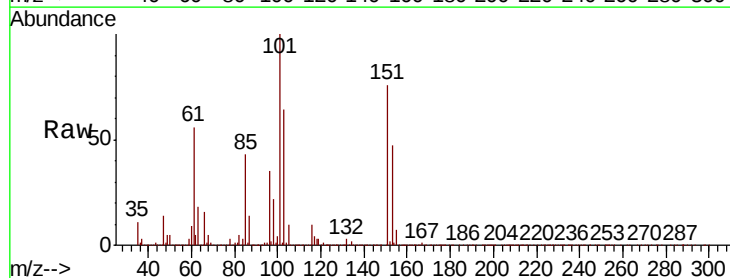
Tot Ion: 59 Resp: 407210
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.6

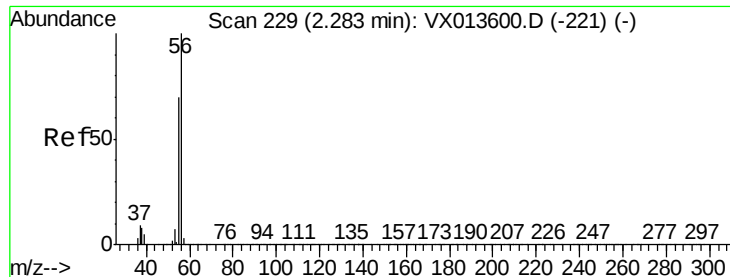


#12

1,1-Dichloroethene
Concen: 50.802 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion: 96 Resp: 258645
Ion Ratio Lower Upper
96 100
61 160.8 126.6 190.0
98 64.7 50.6 76.0





#13

Acrolein

Concen: 299.479 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

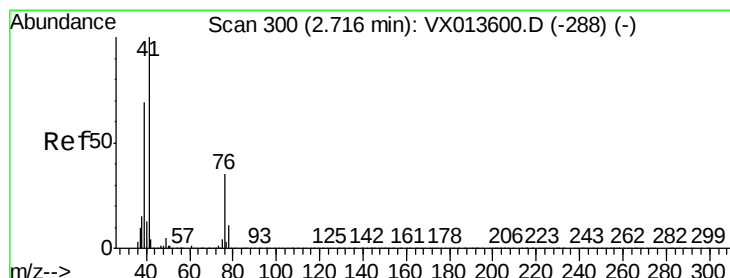
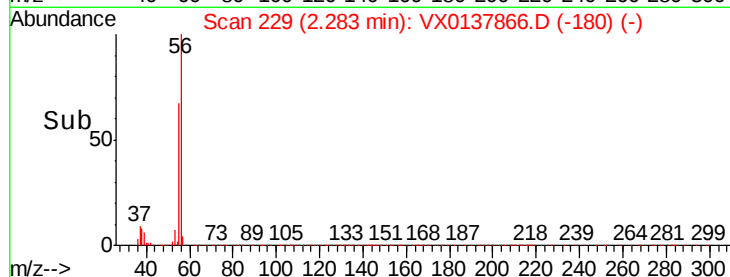
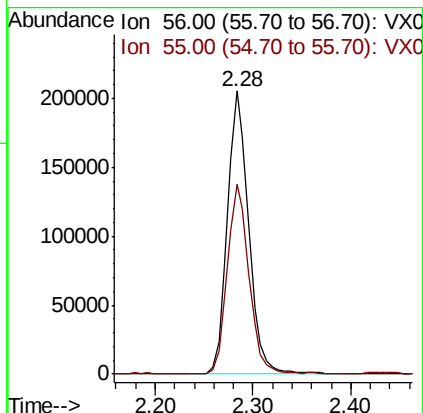
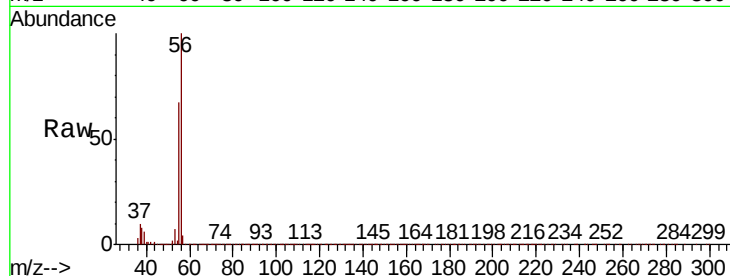
ClientSampleId :

Tot Ion: 56 Resp: 308246

Ion Ratio Lower Upper

56 100

55 67.9 56.2 84.4



#14

Allyl chloride

Concen: 50.037 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

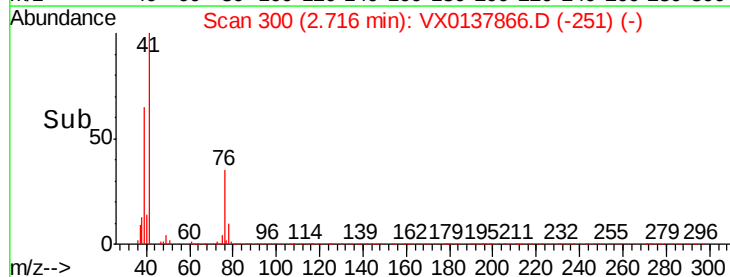
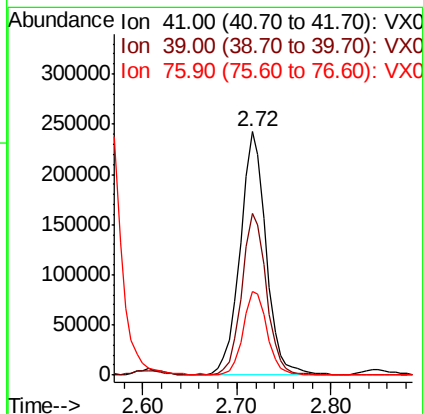
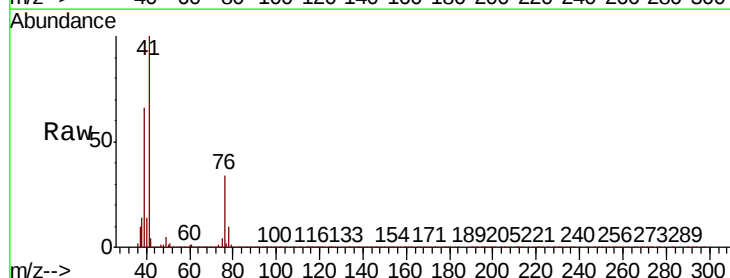
Tgt Ion: 41 Resp: 462311

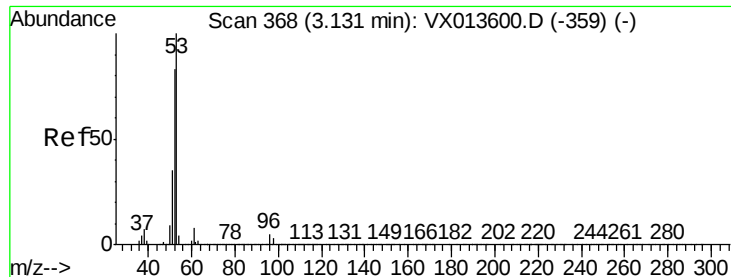
Ion Ratio Lower Upper

41 100

39 62.9 51.7 77.5

76 31.6 25.9 38.9





#15

Acrylonitrile

Concen: 268.296 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

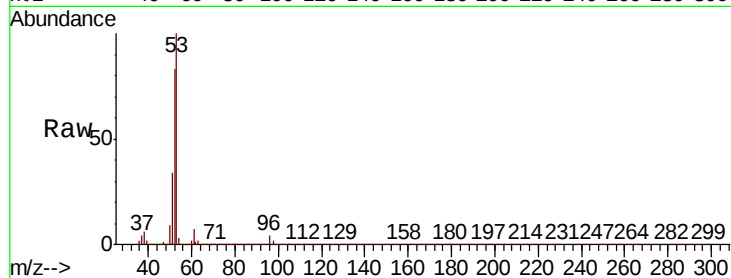
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 53 Resp: 848891

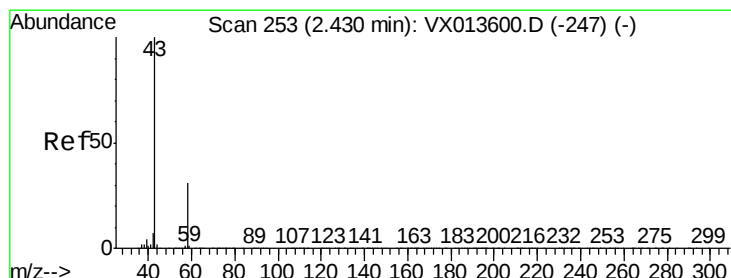
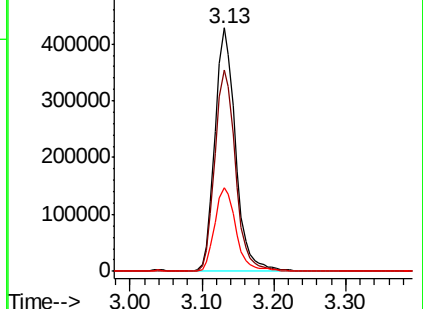
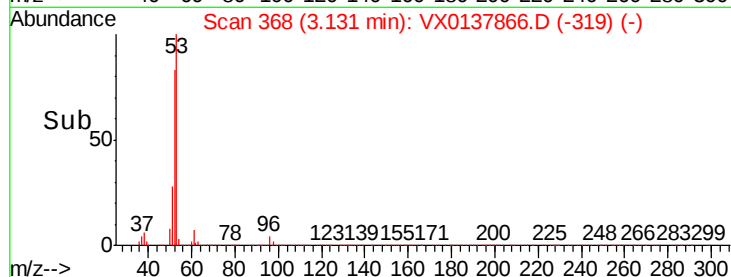
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.2
51	35.3	29.0	43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 241.050 ug/l

RT: 2.44 min Scan# 254

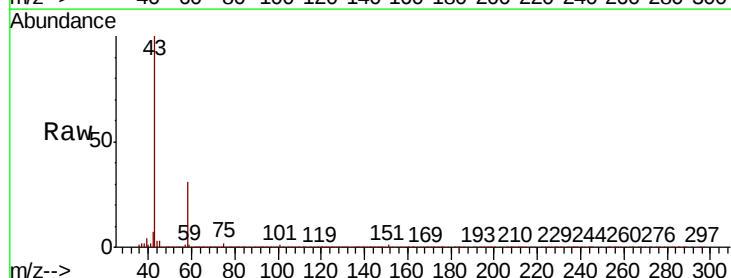
Delta R.T. 0.01 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

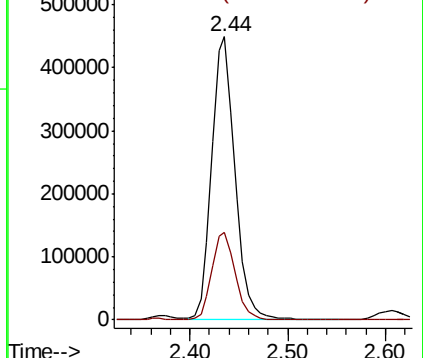
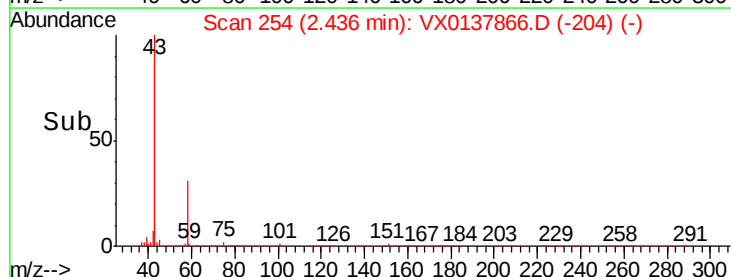
Tgt Ion: 43 Resp: 739046

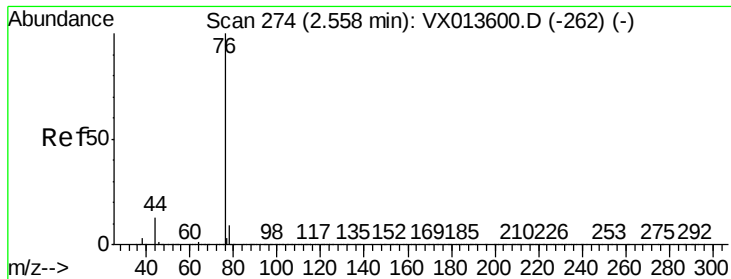
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

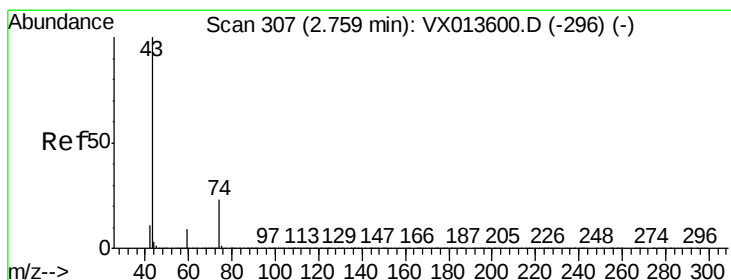
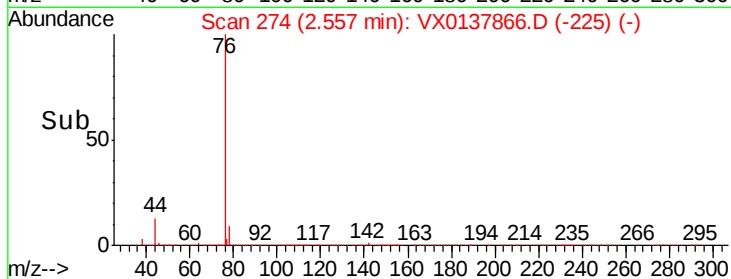
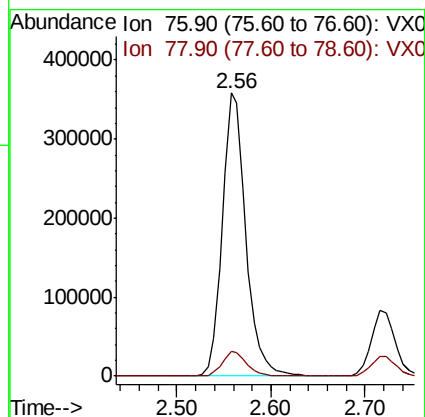
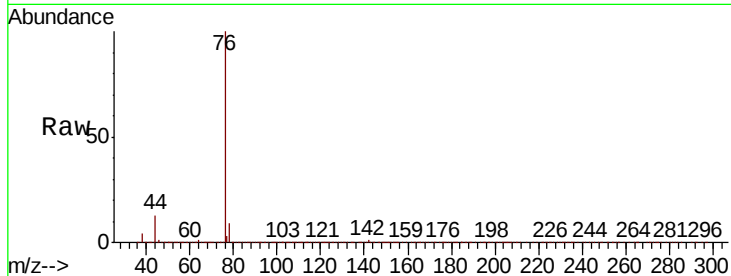




#17
Carbon Disulfide
Concen: 42.527 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

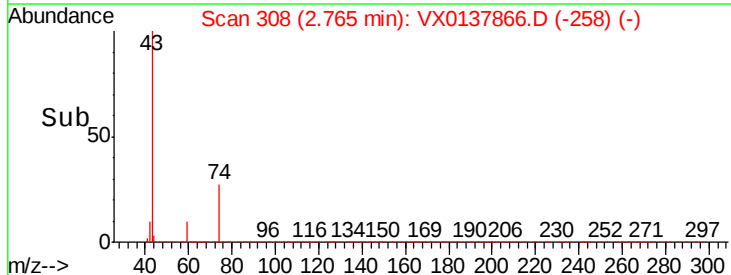
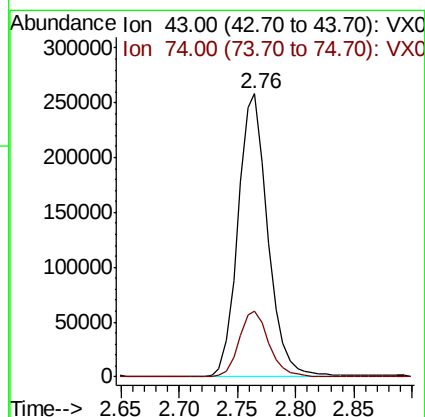
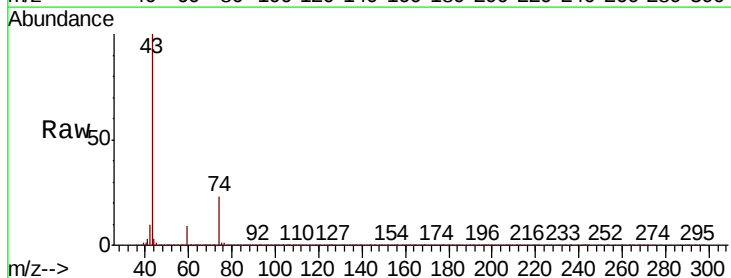
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 617226
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 53.518 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion: 43 Resp: 456911
Ion Ratio Lower Upper
43 100
74 23.4 19.5 29.3



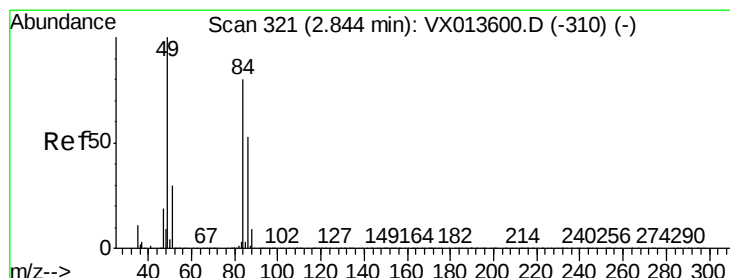
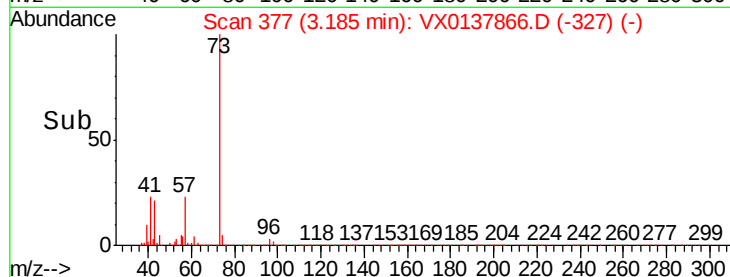
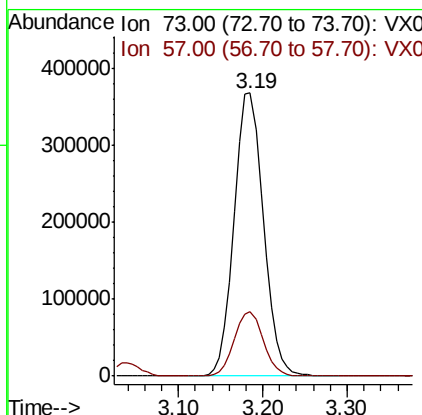
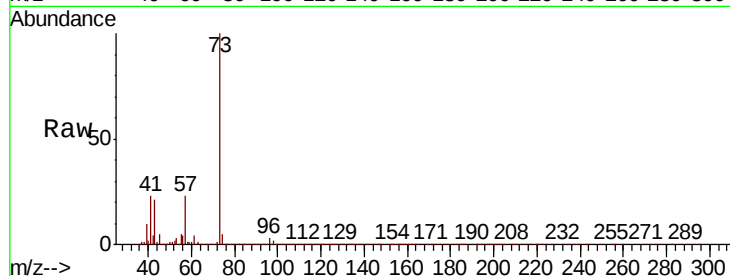


#19

Methyl tert-butyl Ether
 Concen: 51.381 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :

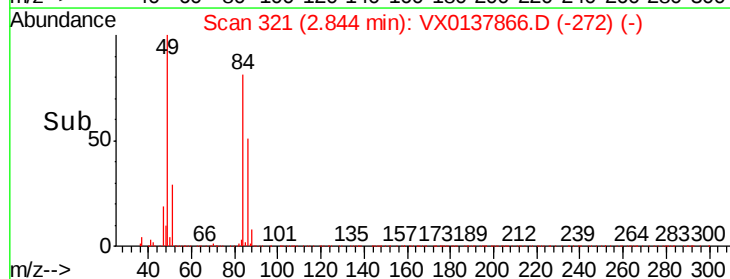
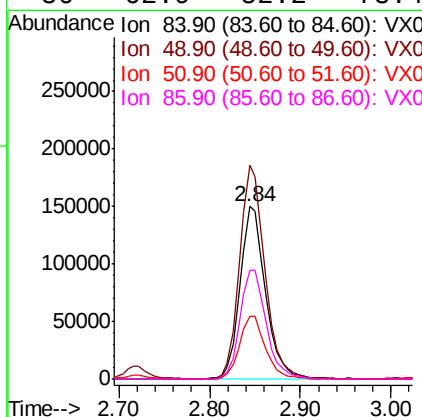
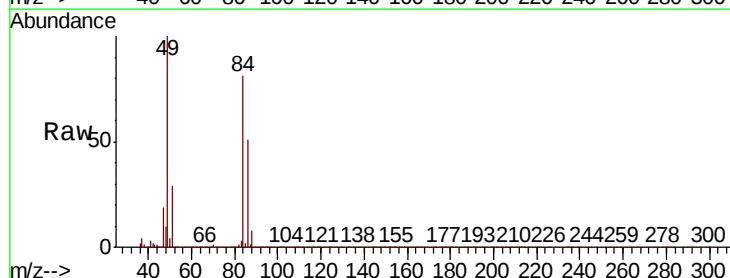
Tot Ion: 73 Resp: 866604
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.3 27.5

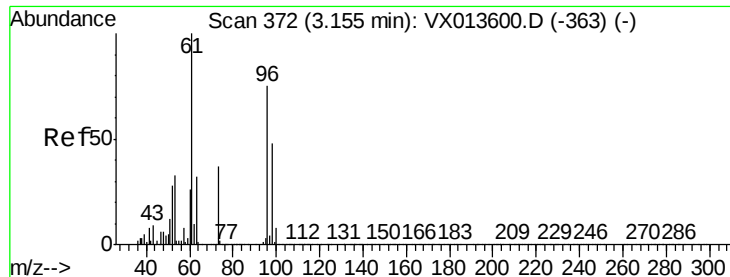


#20

Methylene Chloride
 Concen: 49.470 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion: 84 Resp: 291388
 Ion Ratio Lower Upper
 84 100
 49 123.6 99.7 149.5
 51 36.2 29.9 44.9
 86 62.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.263 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :

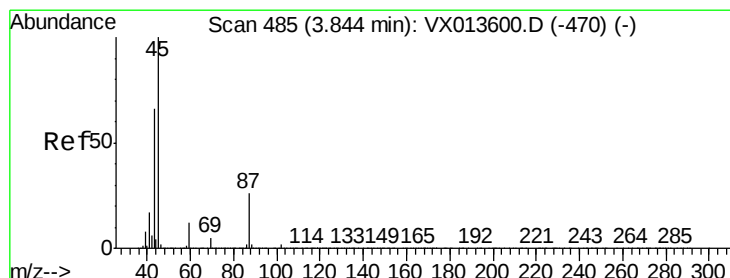
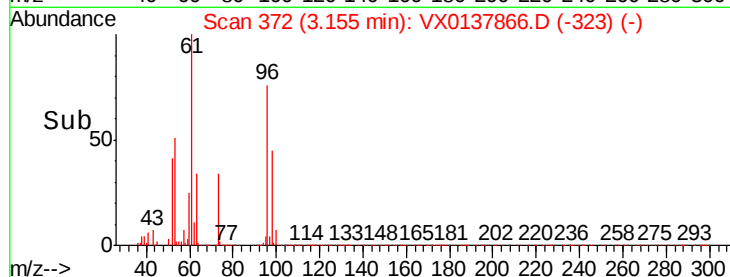
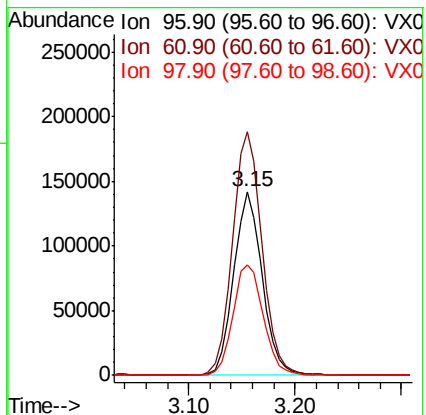
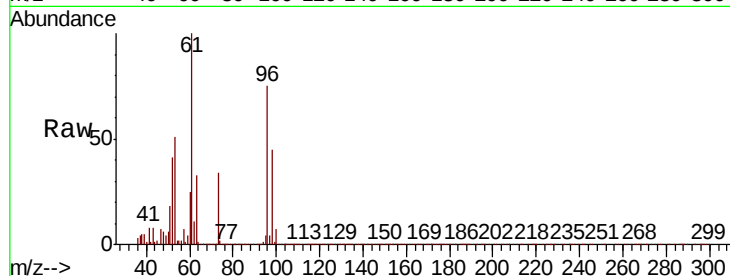
Tot Ion: 96 Resp: 267685

Ion Ratio Lower Upper

96 100

61 132.4 107.2 160.8

98 60.2 51.4 77.0



#22

Diisopropyl ether

Concen: 52.908 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Tgt Ion: 45 Resp: 941280

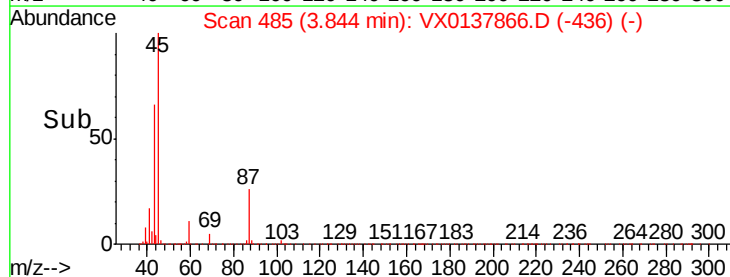
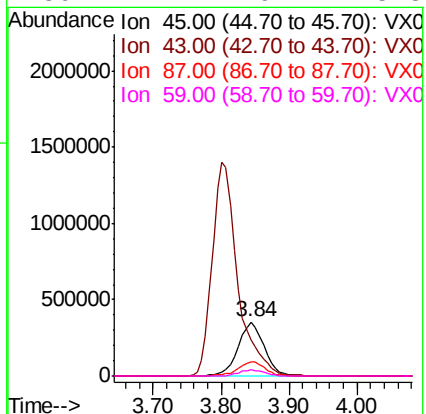
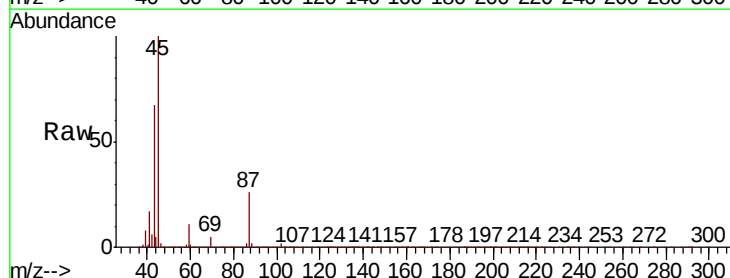
Ion Ratio Lower Upper

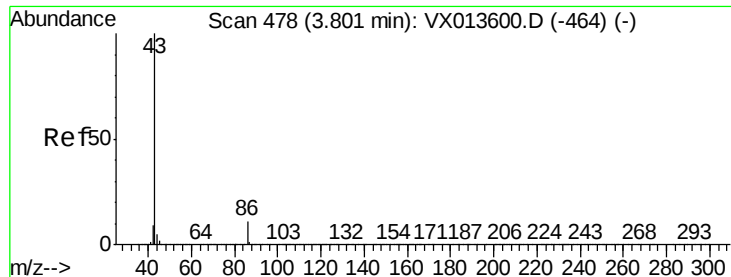
45 100

43 66.1 52.6 79.0

87 26.2 21.1 31.7

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 245.704 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

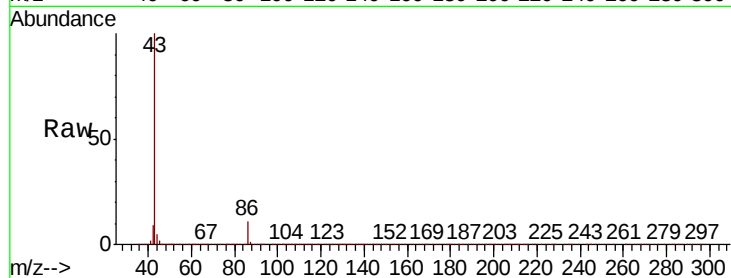
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3636448

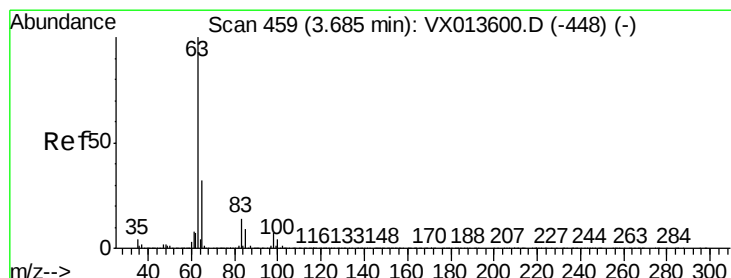
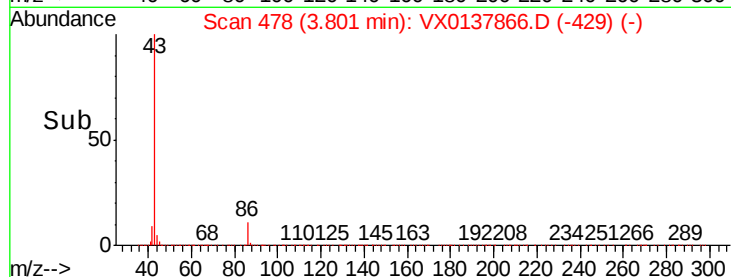
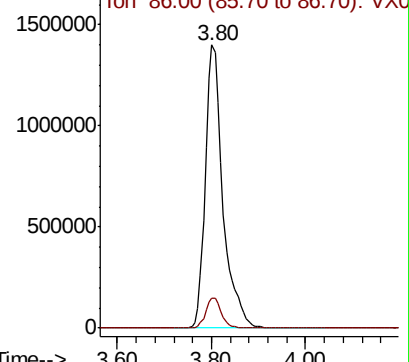
Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0



#24

1,1-Dichloroethane

Concen: 51.843 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

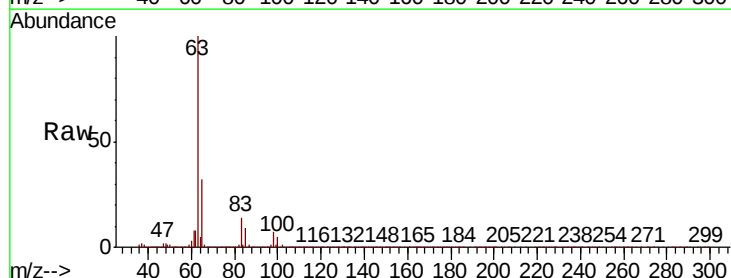
Tgt Ion: 63 Resp: 504206

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

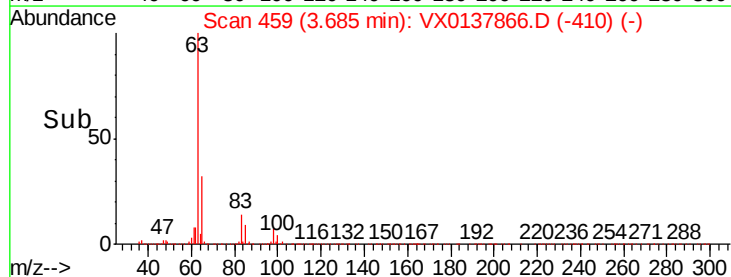
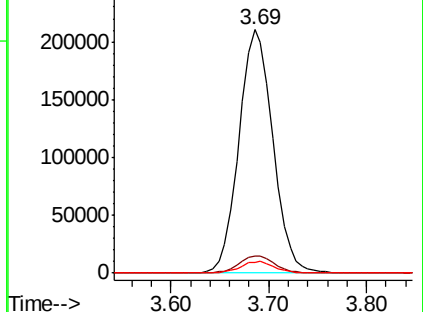
100 4.5 2.1 6.3

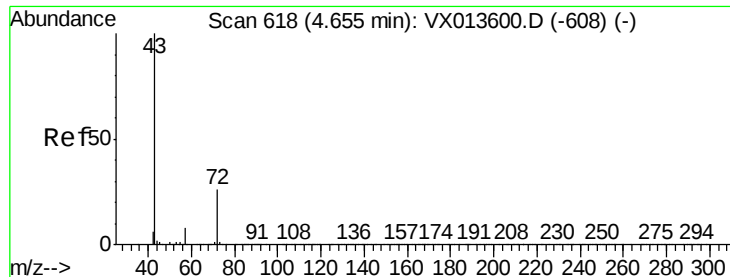


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

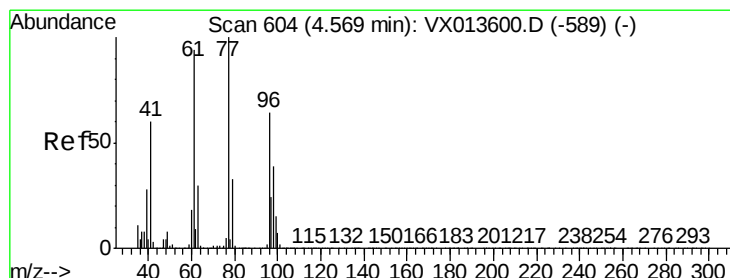
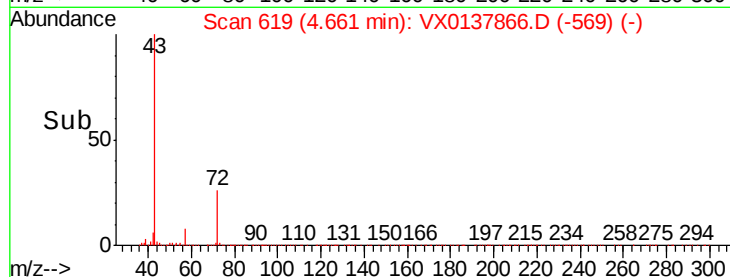
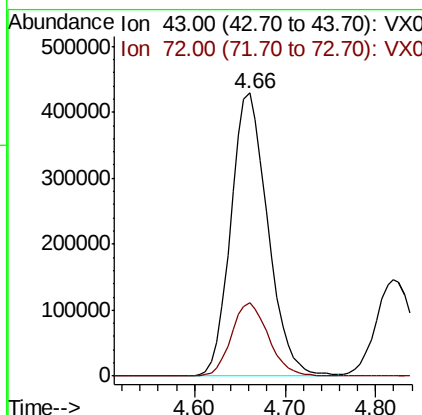
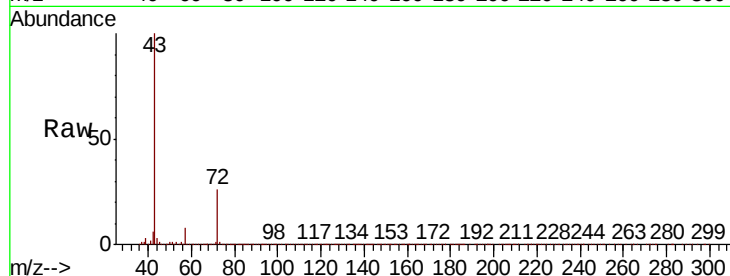




#25
2-Butanone
Concen: 265.610 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

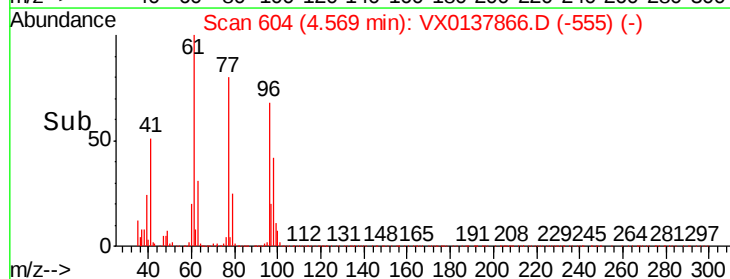
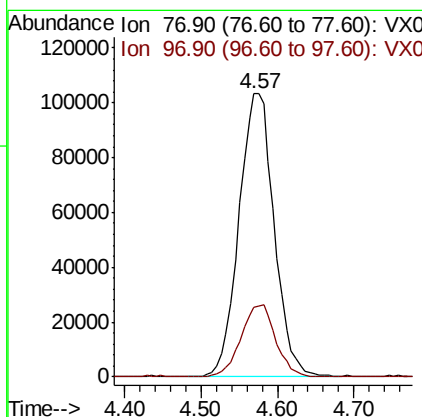
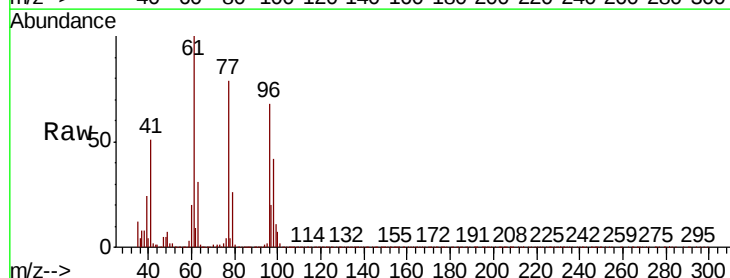
Instrument :
MSVOA_X
ClientSampled :

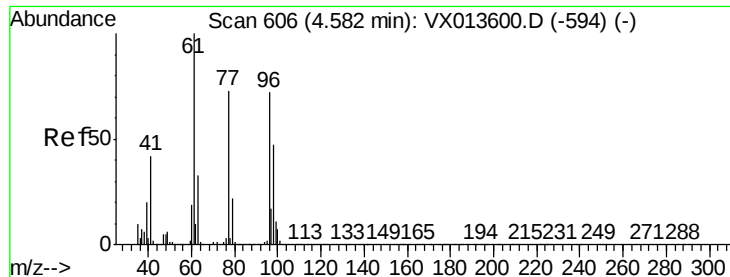
Tot Ion: 43 Resp: 1210269
Ion Ratio Lower Upper
43 100
72 25.9 20.6 31.0



#26
2,2-Dichloropropane
Concen: 40.974 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion: 77 Resp: 329706
Ion Ratio Lower Upper
77 100
97 25.0 12.0 36.1



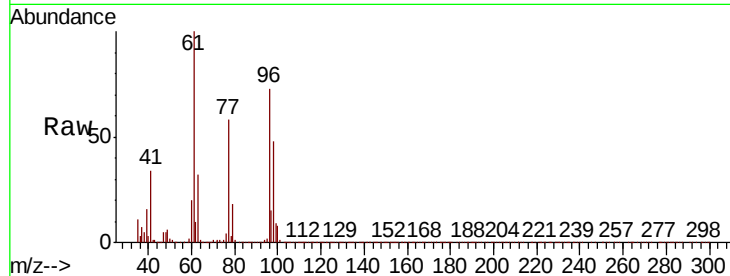


#27

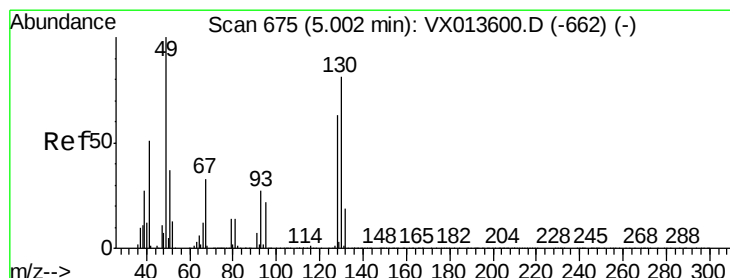
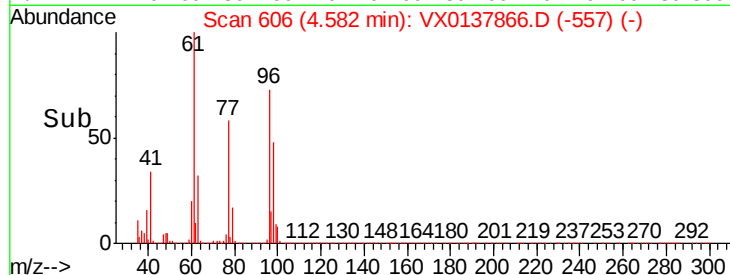
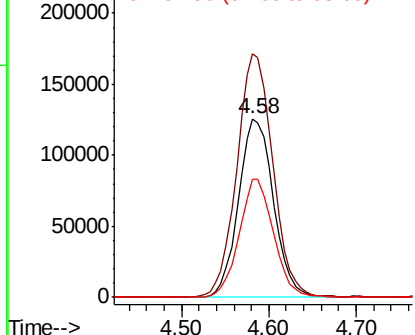
cis-1,2-Dichloroethene
Concen: 54.450 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	286.4
98	65.4	0.0	127.4



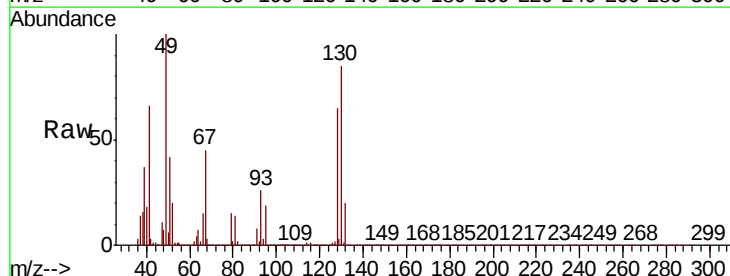
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



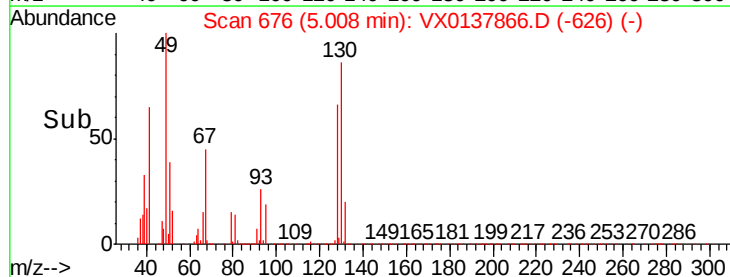
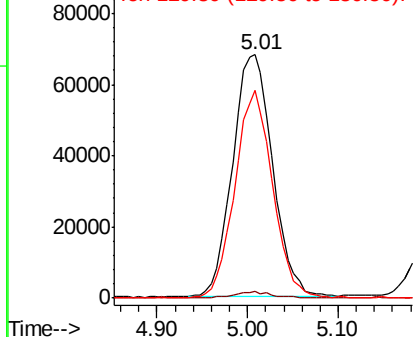
#28

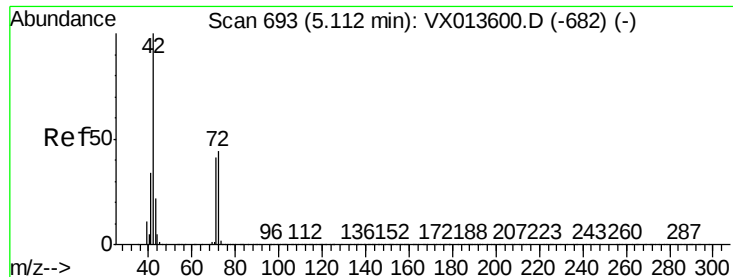
Bromochloromethane
Concen: 54.202 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	80.3	65.4	98.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

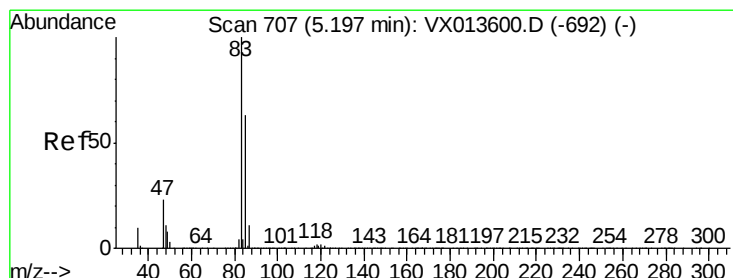
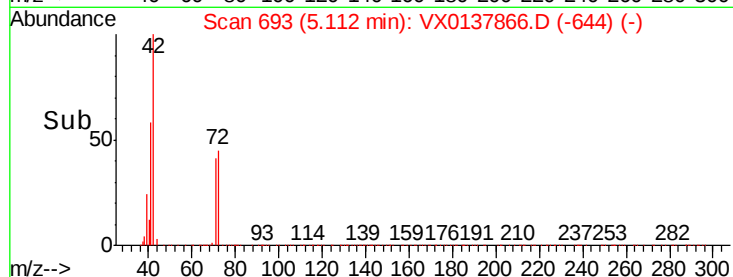
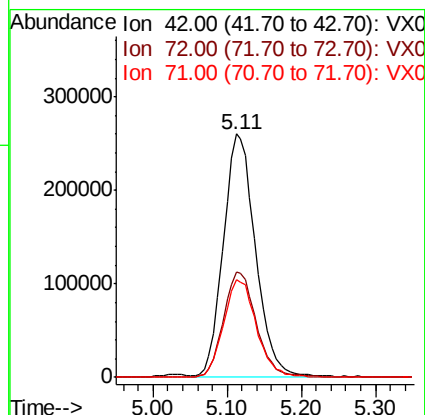
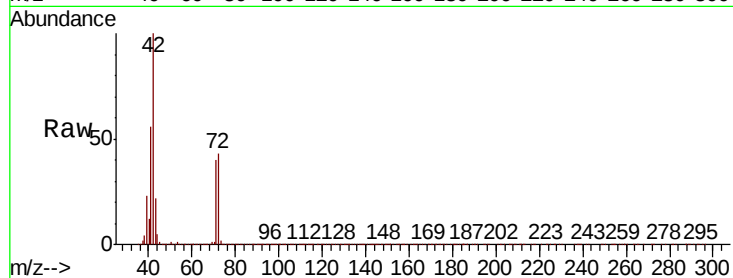




#29
Tetrahydrofuran
Concen: 277.555 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

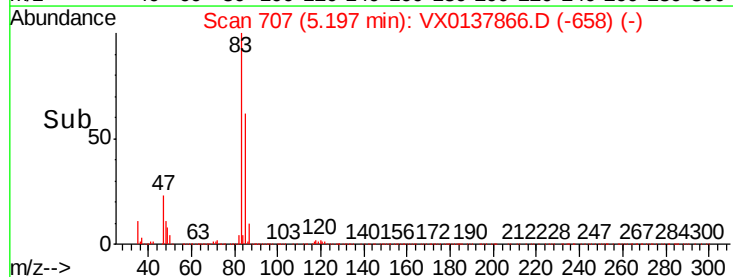
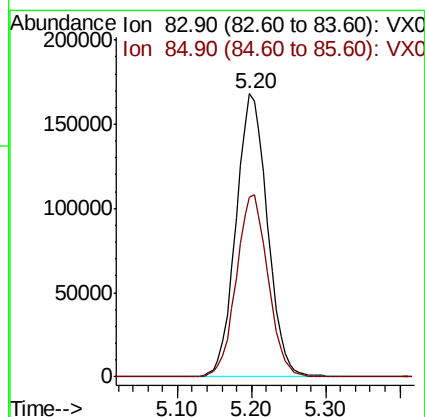
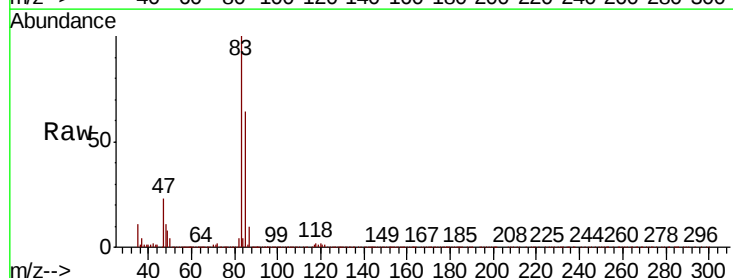
Instrument :
MSVOA_X
ClientSampleId :

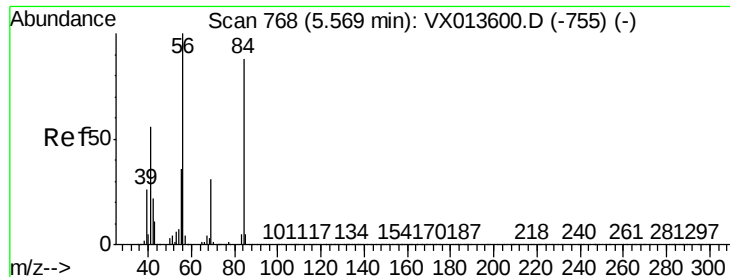
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.3	54.5
71	41.0	33.2	49.8



#30
Chloroform
Concen: 50.453 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.2	75.4

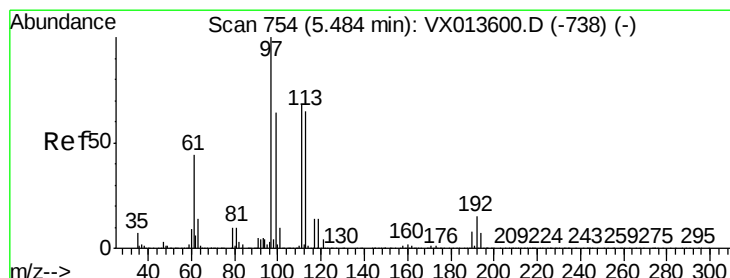
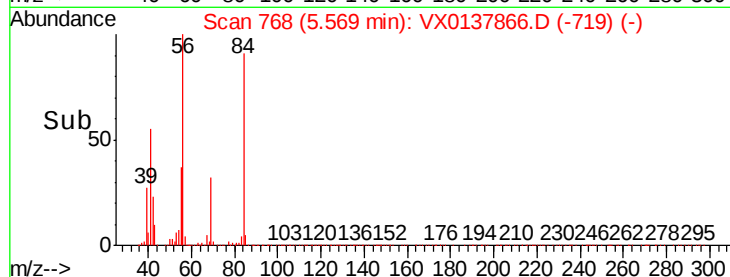
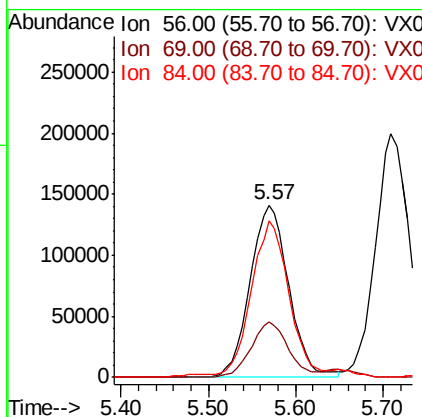
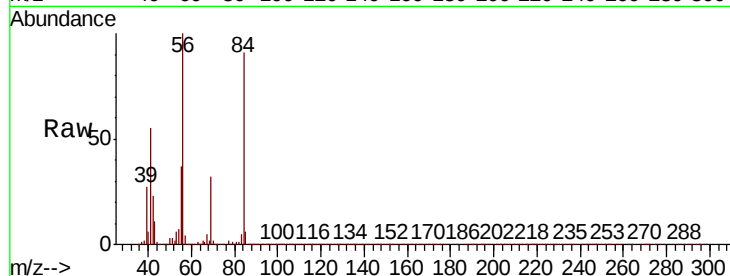




#31
Cyclohexane
Concen: 47.159 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

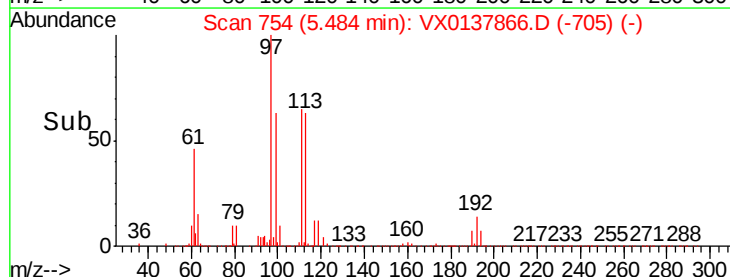
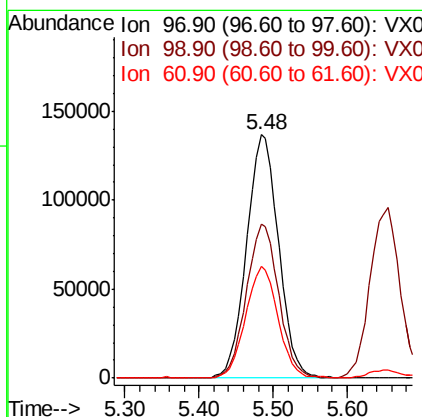
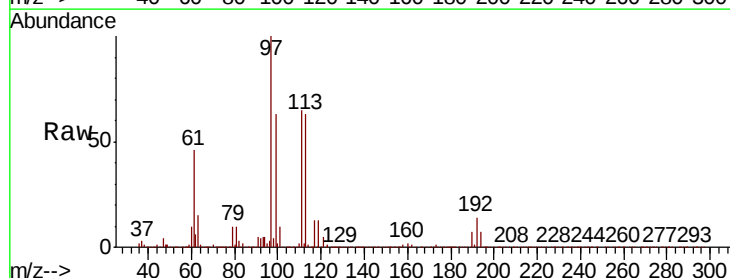
Instrument :
MSVOA_X
ClientSampleId :

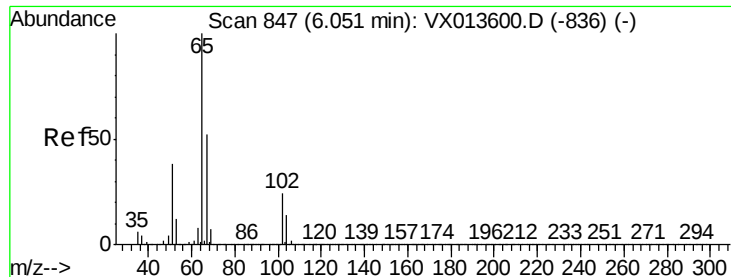
Tot Ion: 56 Resp: 432604
Ion Ratio Lower Upper
56 100
69 31.9 24.6 36.8
84 89.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.120 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion: 97 Resp: 413108
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 46.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.151 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

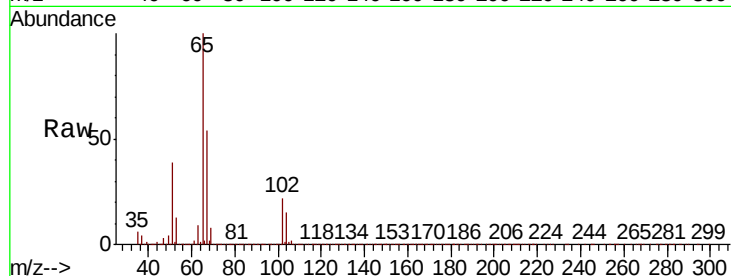
ClientSampleId :

Tot Ion: 65 Resp: 292807

Ion Ratio Lower Upper

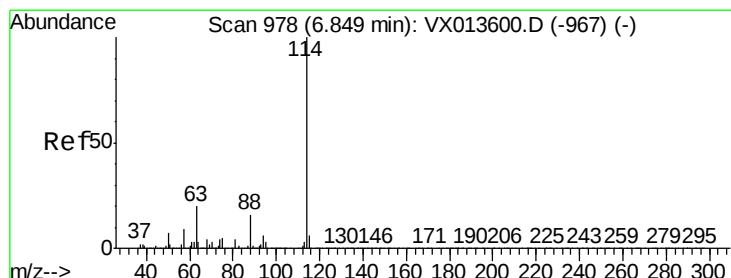
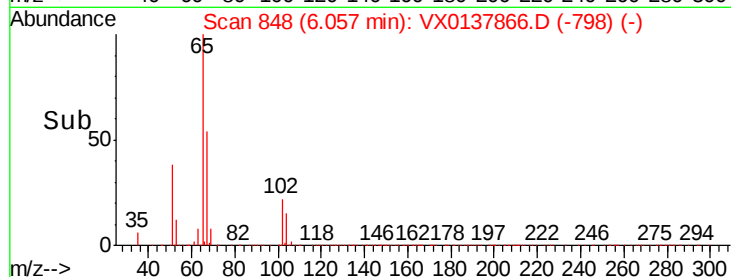
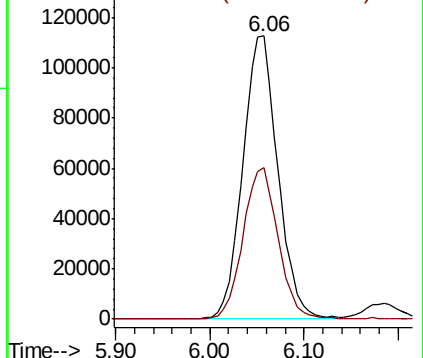
65 100

67 52.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

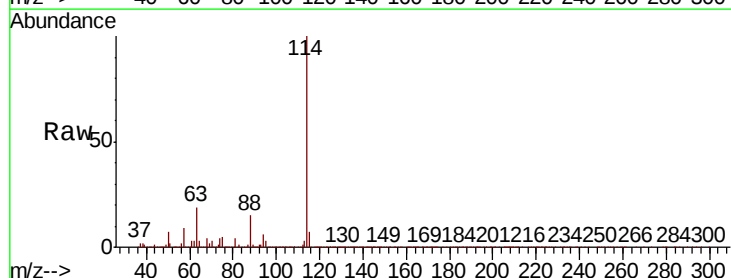
Tgt Ion: 114 Resp: 842921

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

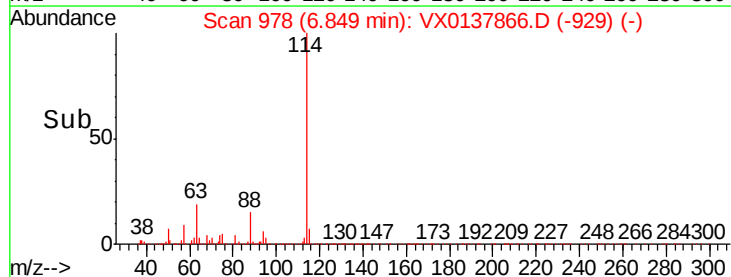
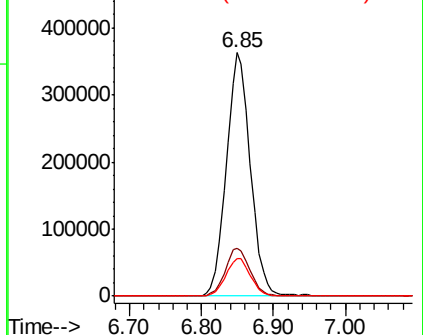
88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

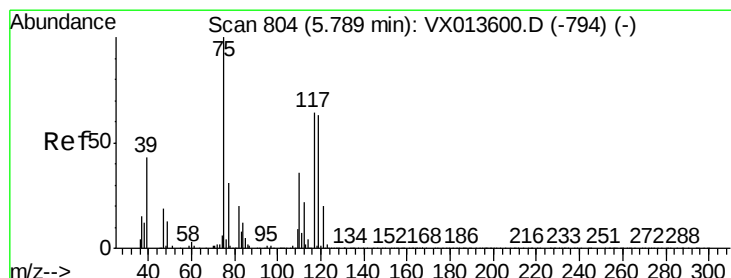
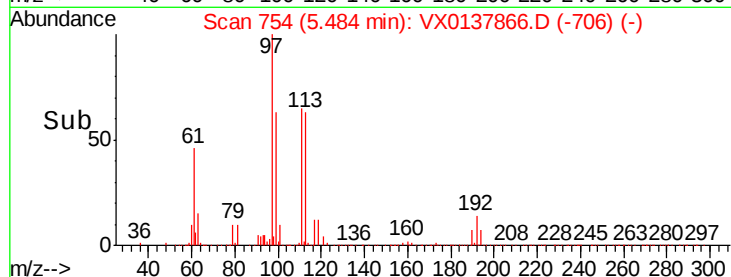
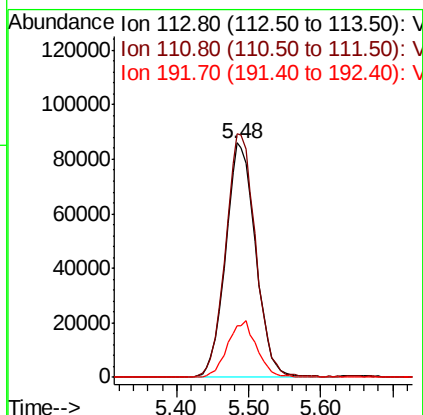
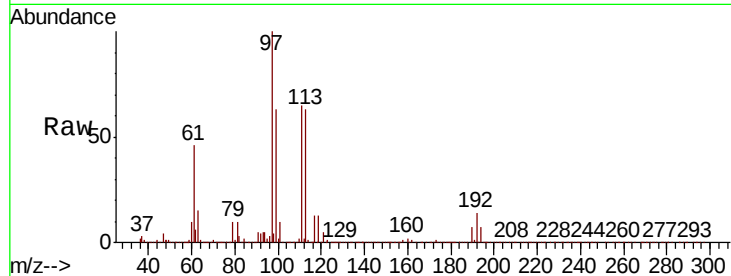




#35
 Dibromofluoromethane
 Concen: 47.421 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

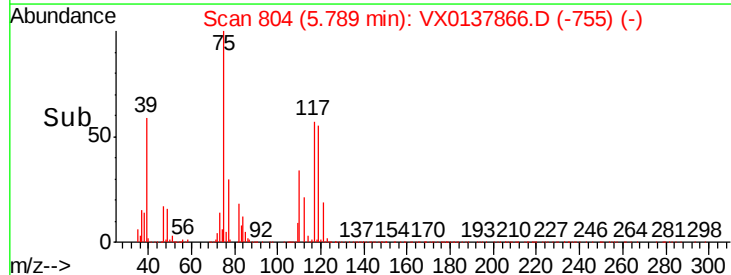
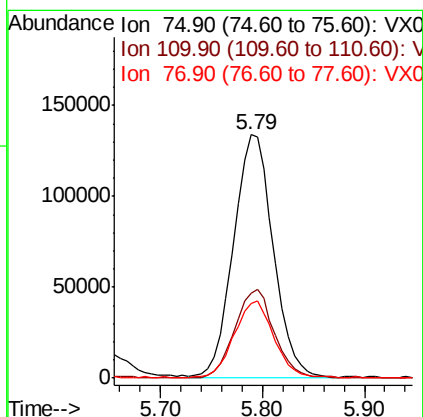
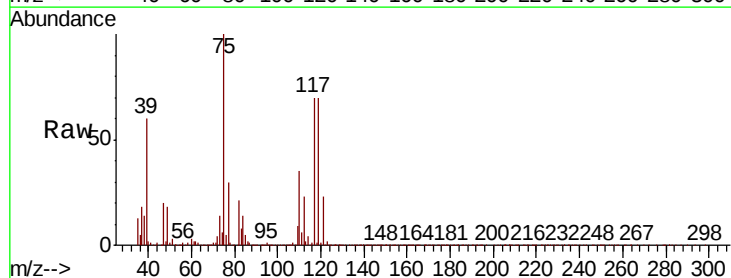
Instrument :
 MSVOA_X
 ClientSampled :

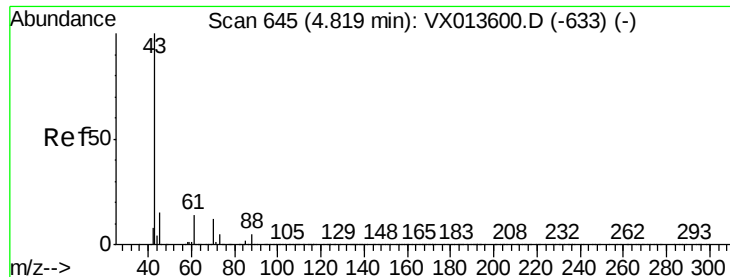
Tot Ion:113 Resp: 247112
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.6 125.4
 192 23.7 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 46.978 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion: 75 Resp: 359459
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.1 54.1
 77 31.5 24.5 36.7

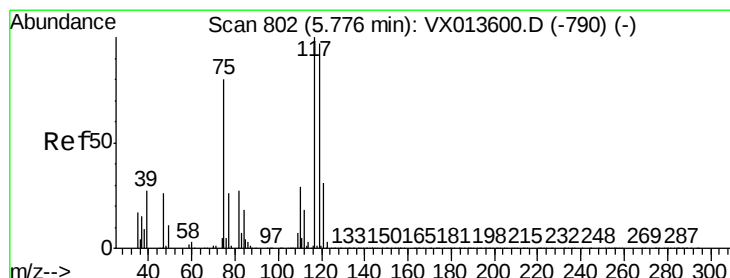
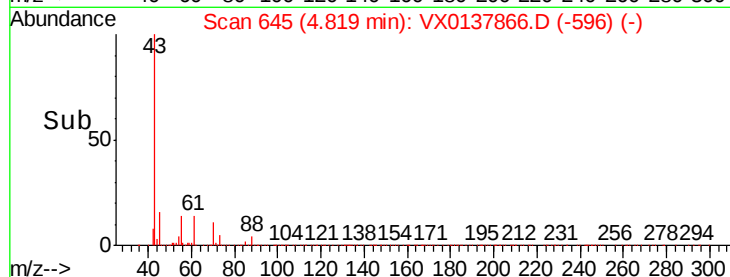
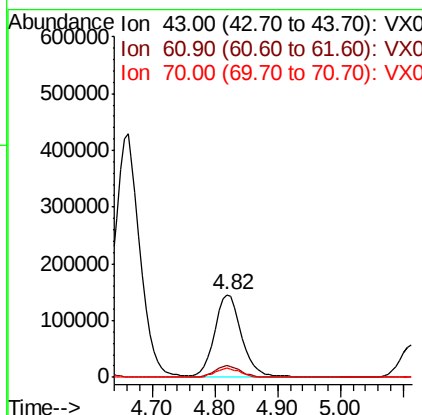
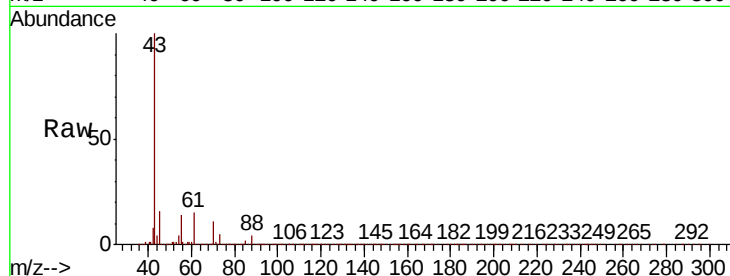




#37
Ethyl Acetate
Concen: 50.190 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

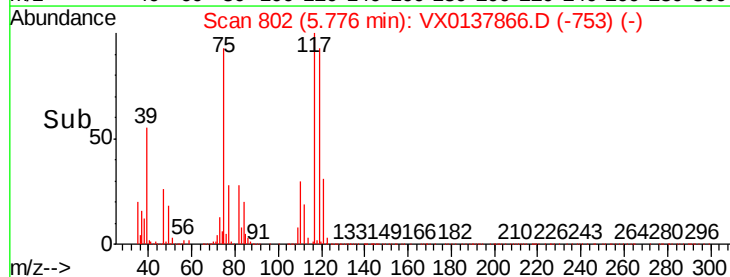
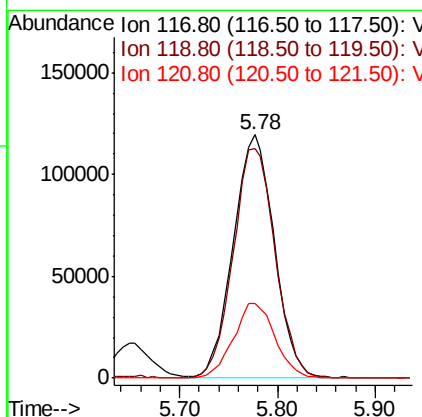
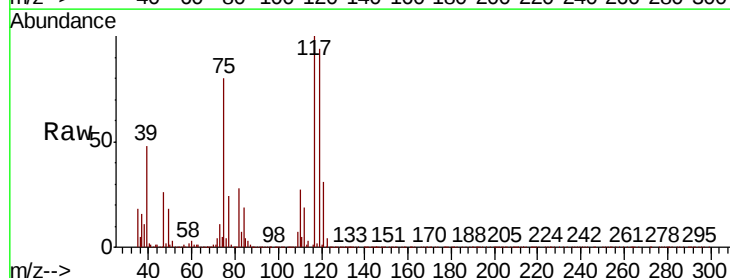
Instrument :
MSVOA_X
ClientSampled :

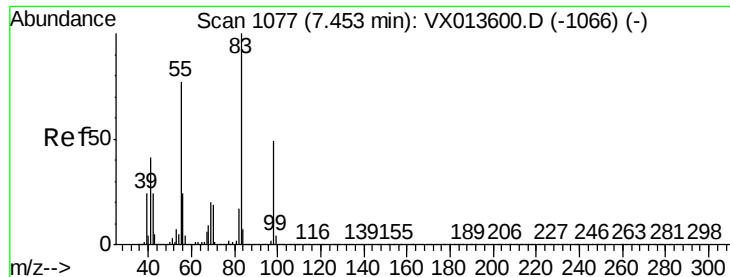
Tot Ion: 43 Resp: 430827
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.5 8.6 12.8



#38
Carbon Tetrachloride
Concen: 48.980 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion: 117 Resp: 345576
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 30.5 25.0 37.6

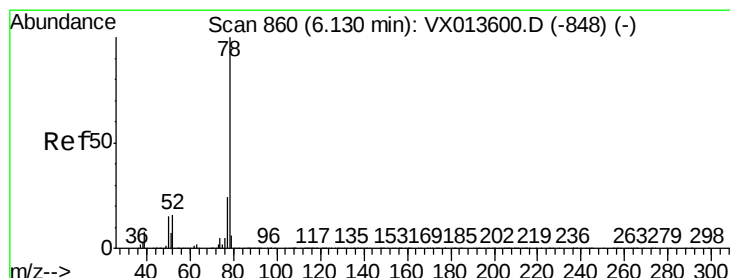
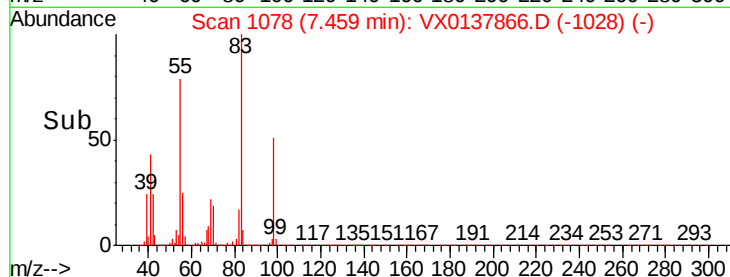
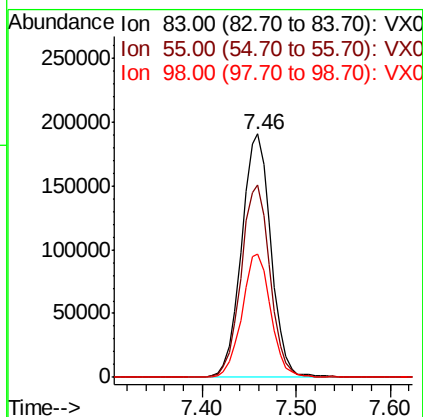
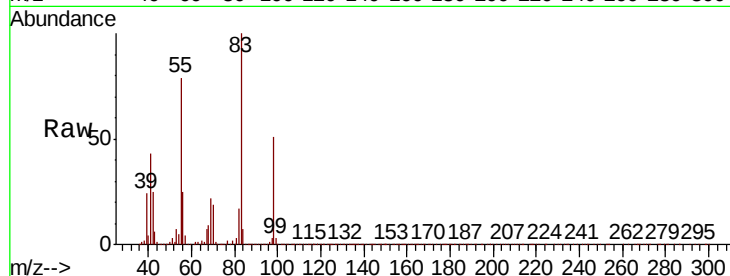




#39
Methvlcvclohexane
Concen: 43.919 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

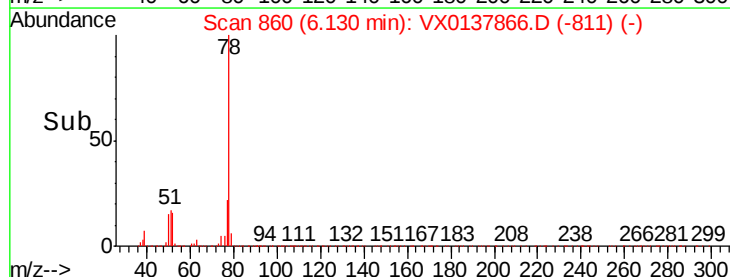
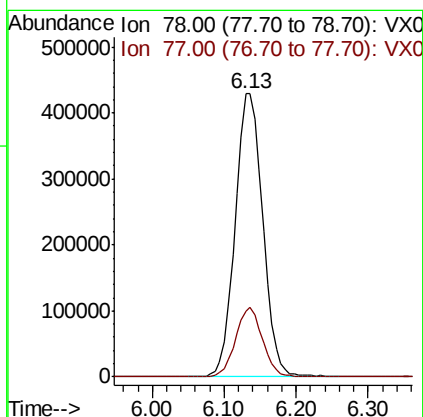
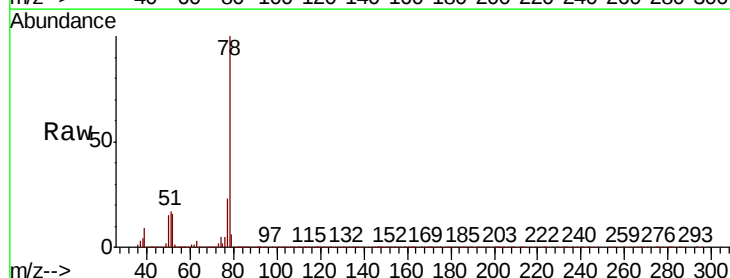
Instrument :
MSVOA_X
ClientSampleId :

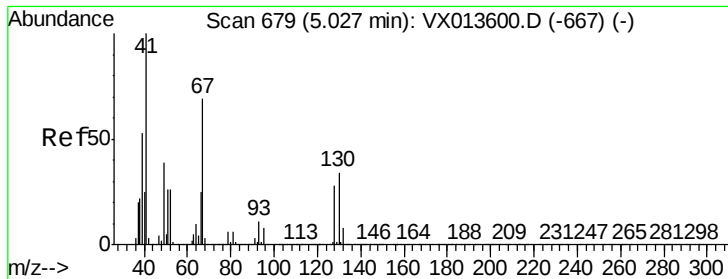
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.9	92.9
98	50.4	39.4	59.0



#40
Benzene
Concen: 48.971 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





#41

Methacrylonitrile

Concen: 53.756 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 253059

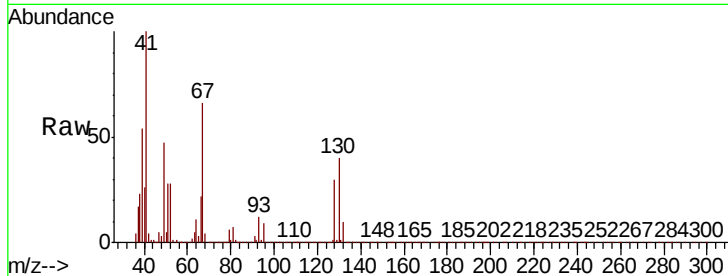
Ion Ratio Lower Upper

41 100

39 55.0 42.9 64.3

67 71.7 57.4 86.0

52 28.2 22.4 33.6

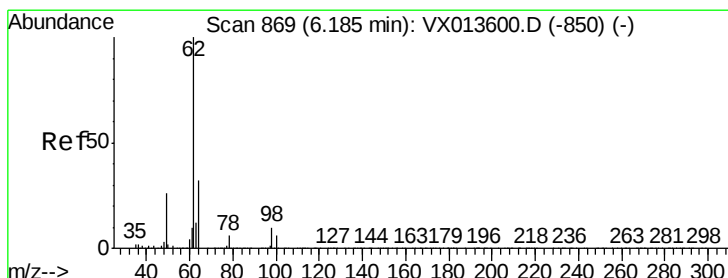
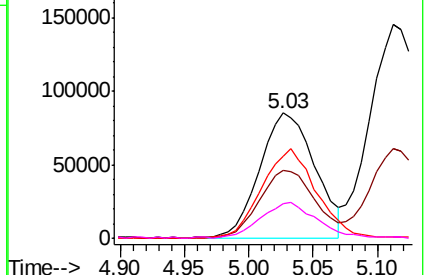
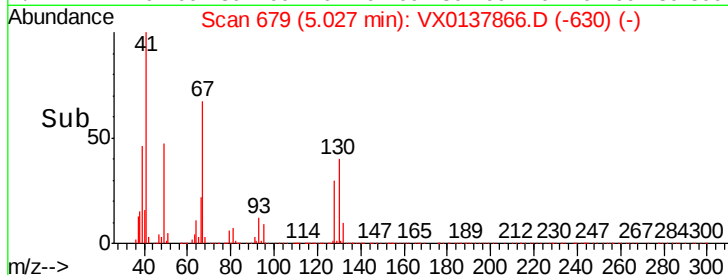


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.649 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX0137866.D

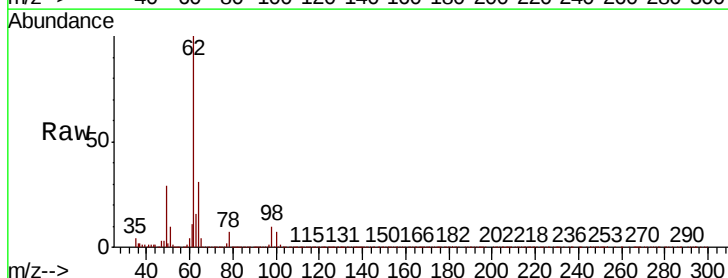
Acq: 09 Dec 2019 21:14

Tgt Ion: 62 Resp: 394593

Ion Ratio Lower Upper

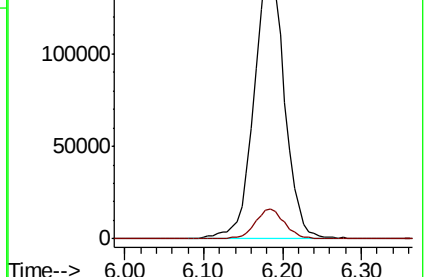
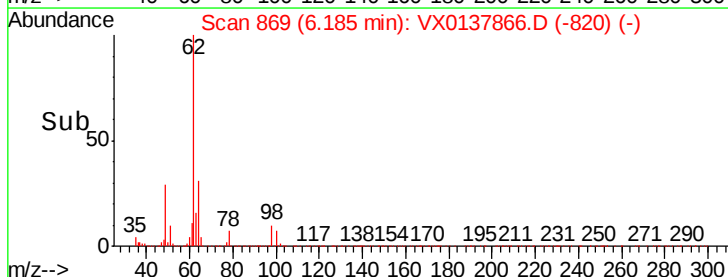
62 100

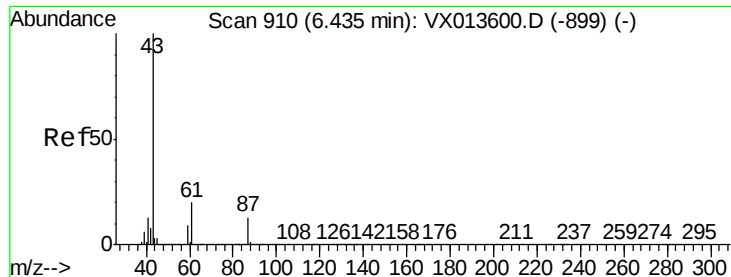
98 10.2 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



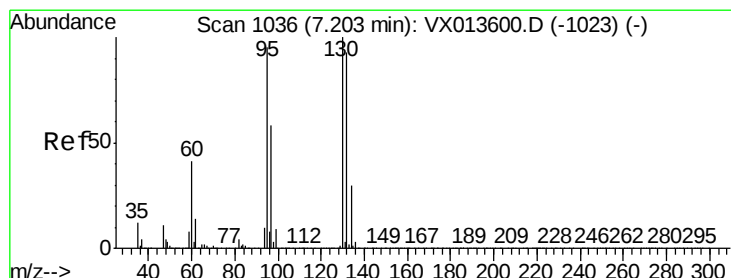
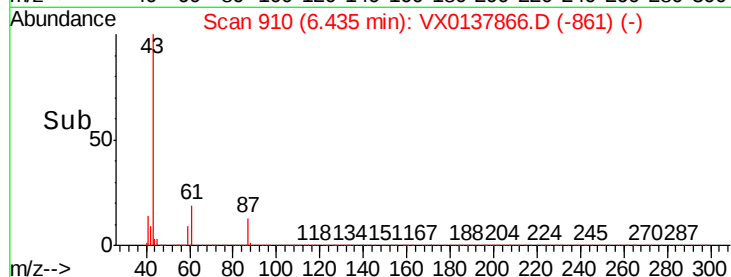
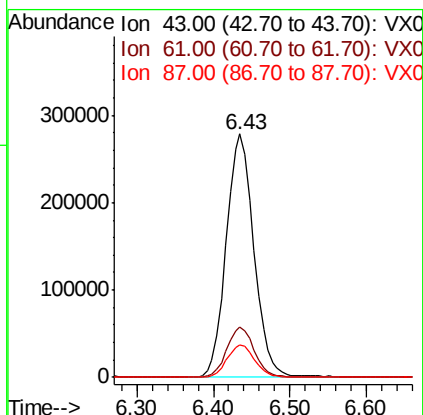
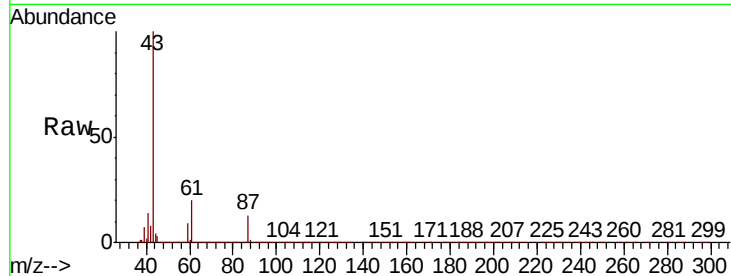


#43

Isopropyl Acetate
 Concen: 48.964 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :

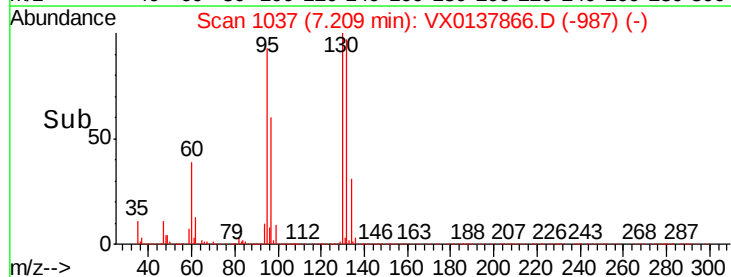
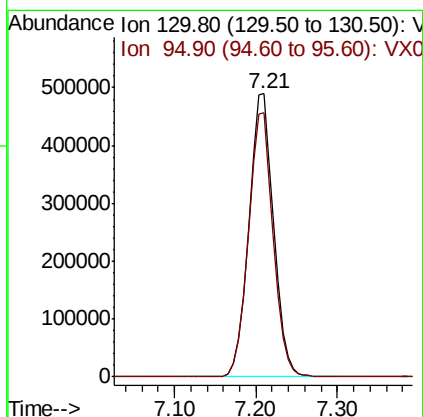
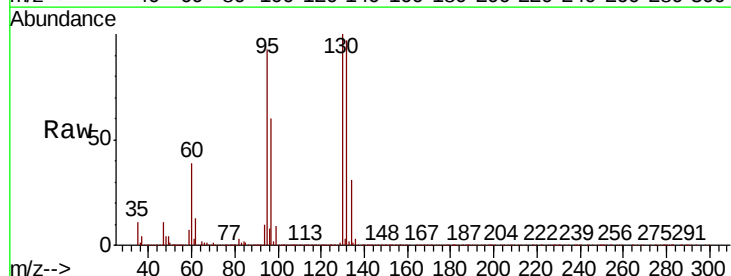
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.4	10.8	16.2

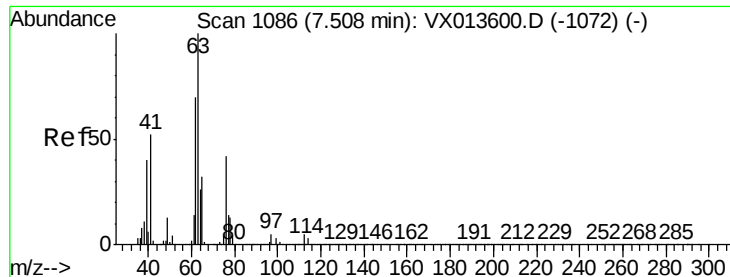


#44

Trichloroethene
 Concen: 162.313 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	190.8





#45

1,2-Dichloropropane

Concen: 51.427 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

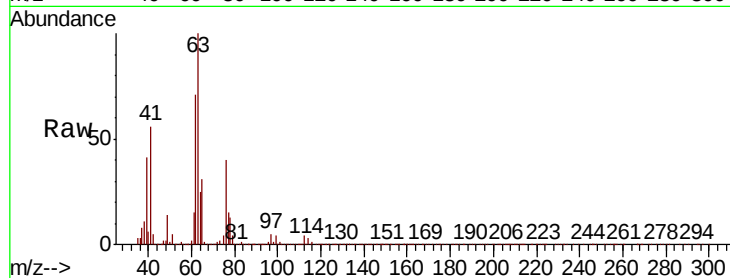
ClientSampleId :

Tot Ion: 63 Resp: 299851

Ion Ratio Lower Upper

63 100

65 30.5 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

150000

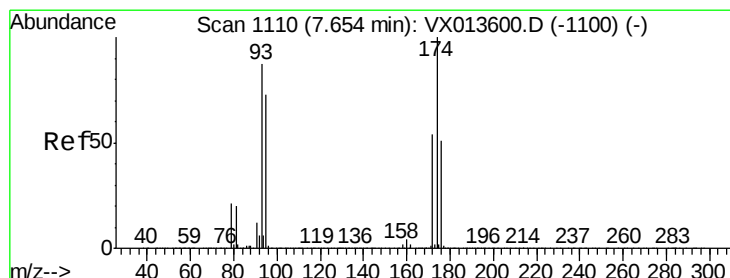
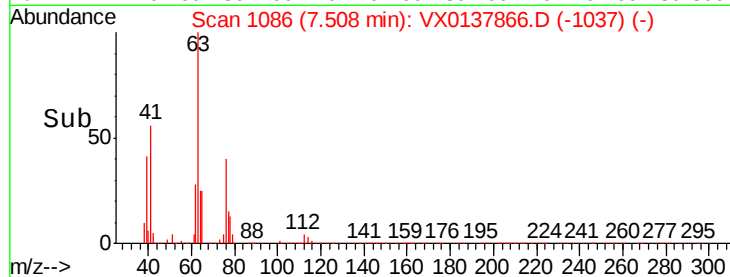
100000

50000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 49.357 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

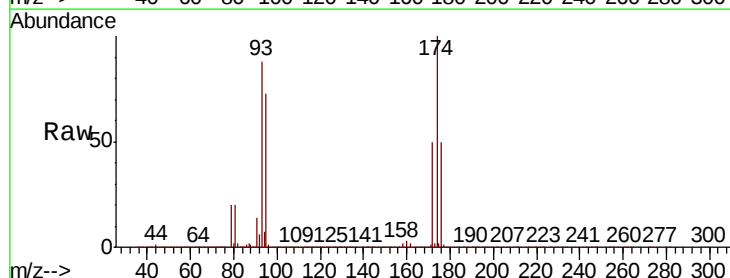
Tgt Ion: 93 Resp: 195455

Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.2

174 114.1 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

150000

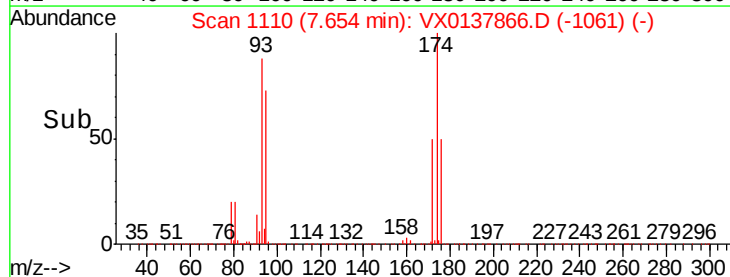
100000

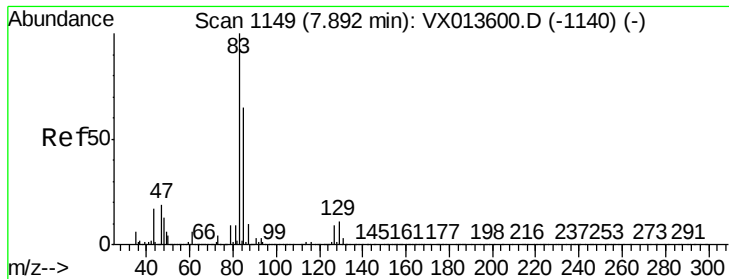
50000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 51.420 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampled :

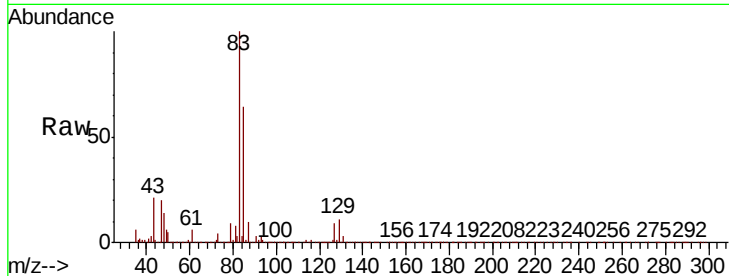
Tot Ion: 83 Resp: 384943

Ion Ratio Lower Upper

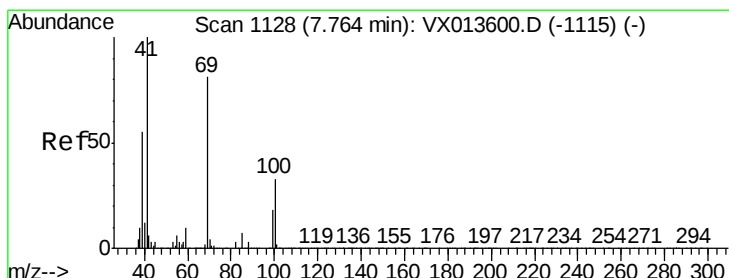
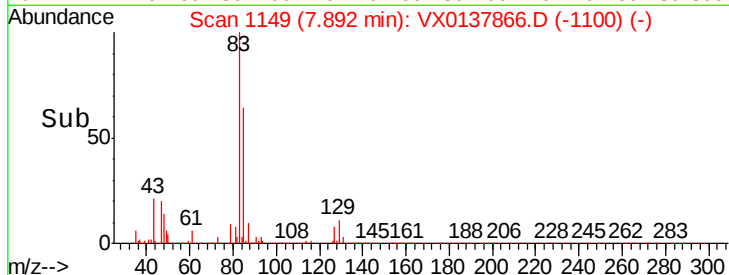
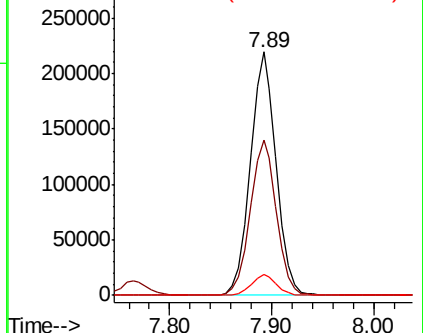
83 100

85 63.6 52.1 78.1

127 8.5 7.0 10.4



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: 52.349 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

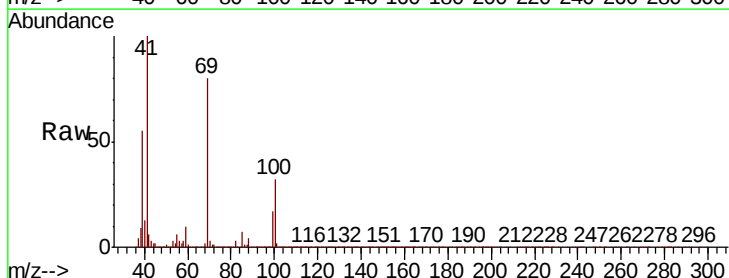
Tgt Ion: 41 Resp: 359448

Ion Ratio Lower Upper

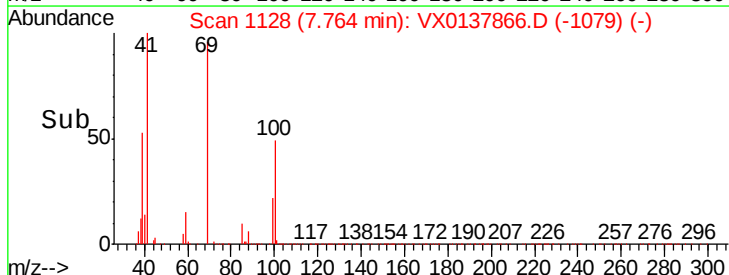
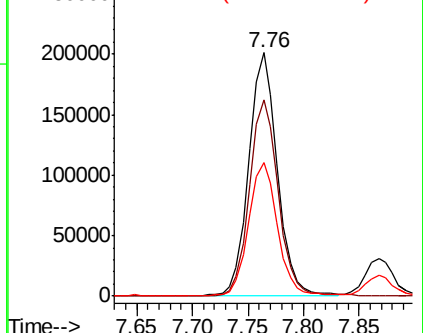
41 100

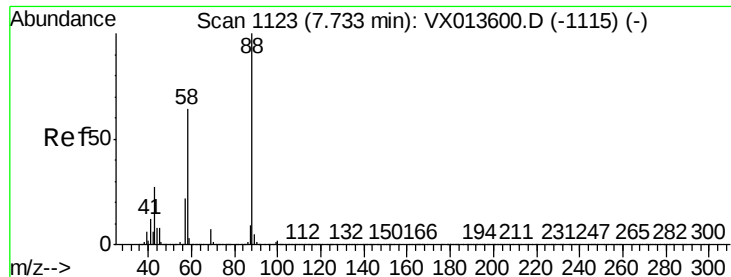
69 80.8 64.7 97.1

39 55.2 43.8 65.6



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

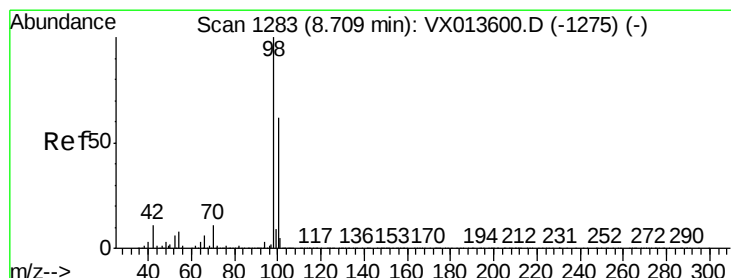
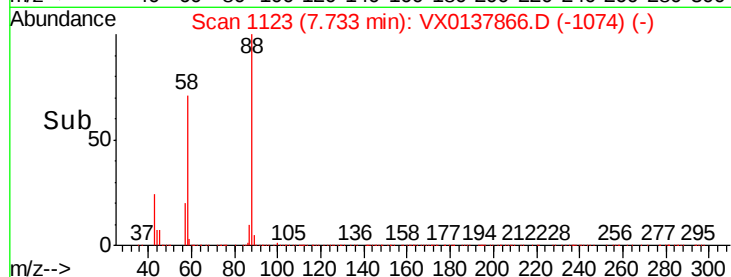
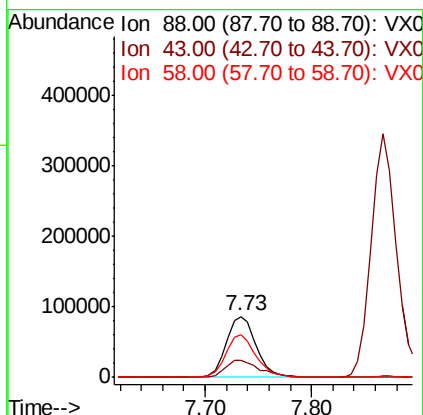
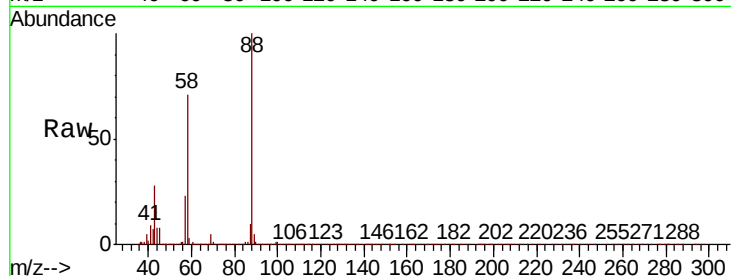




#49
1,4-Dioxane
Concen: 1101.362 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

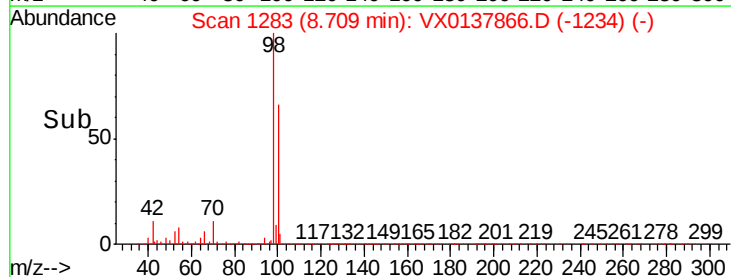
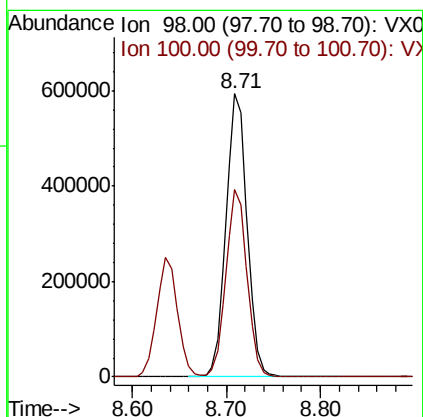
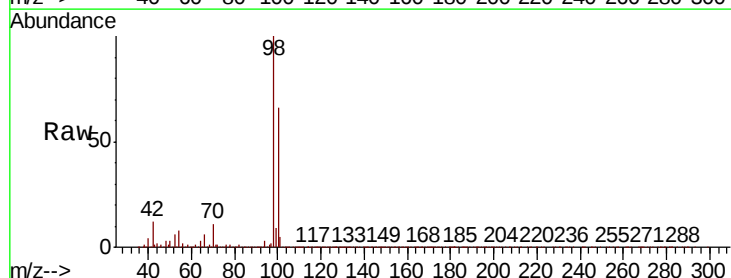
Instrument :
MSVOA_X
ClientSampleId :

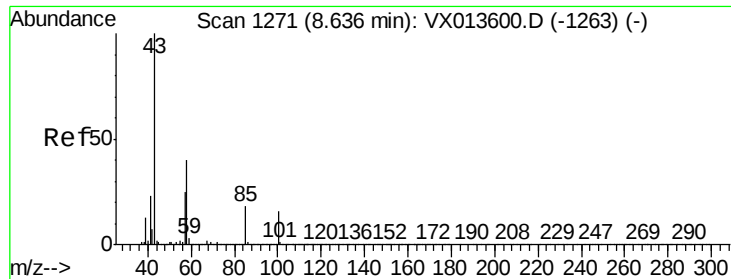
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.8	38.6
58	71.8	54.6	82.0



#50
Toluene-d8
Concen: 45.271 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7

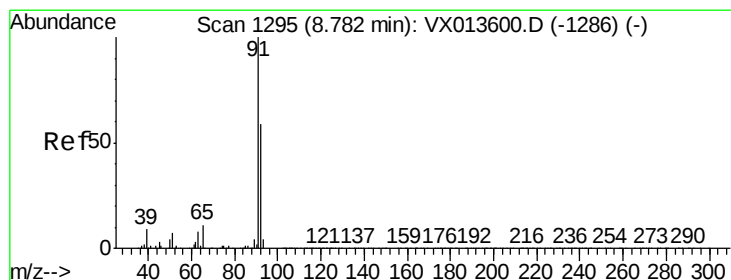
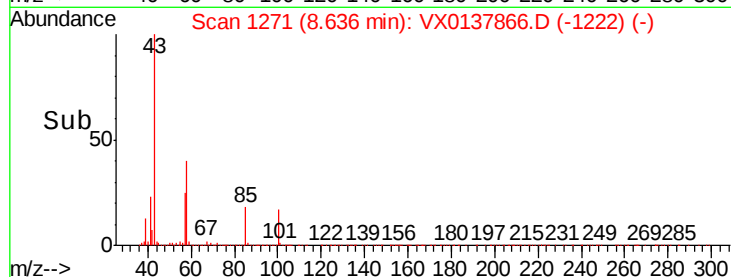
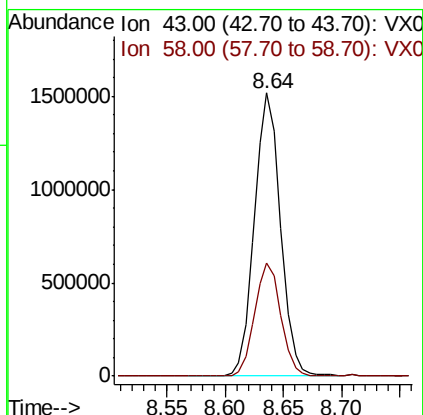
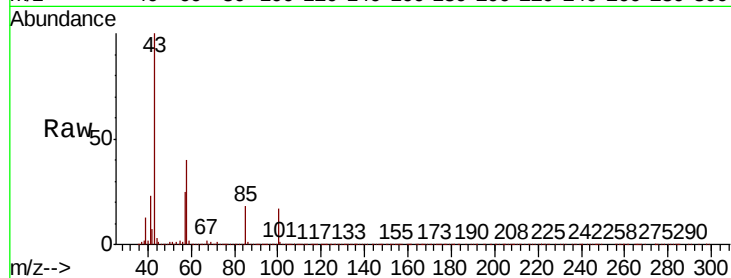




#51
4-Methyl-2-Pentanone
Concen: 265.912 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

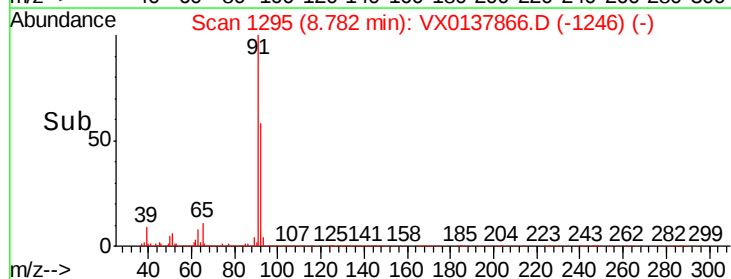
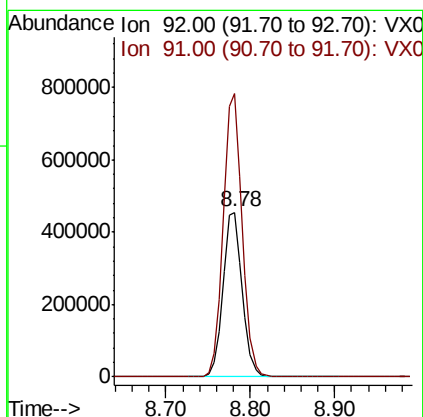
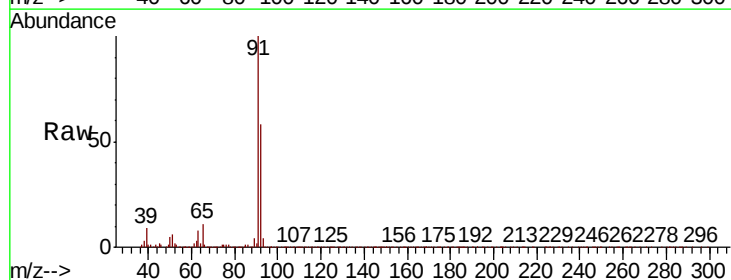
Instrument :
MSVOA_X
ClientSampleId :

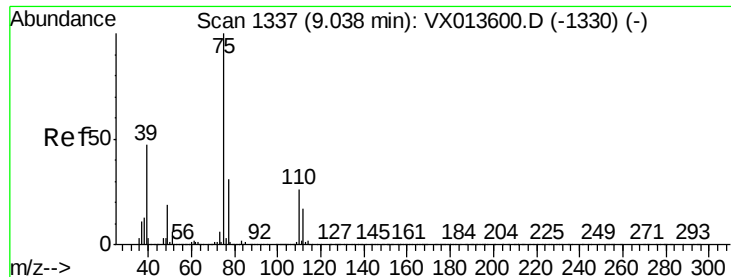
Tot Ion: 43 Resp: 2363771
Ion Ratio Lower Upper
43 100
58 40.1 32.1 48.1



#52
Toluene
Concen: 49.117 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion: 92 Resp: 711089
Ion Ratio Lower Upper
92 100
91 170.8 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 47.640 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

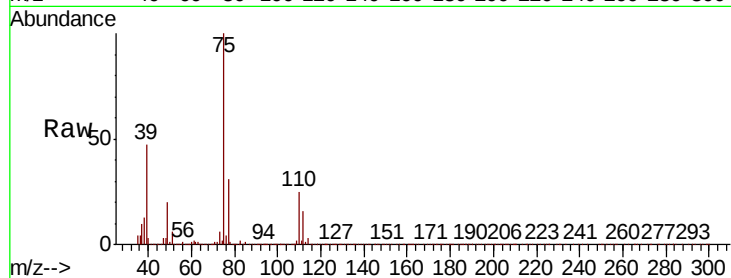
ClientSampleId :

Tot Ion: 75 Resp: 405954

Ion Ratio Lower Upper

75 100

77 30.8 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

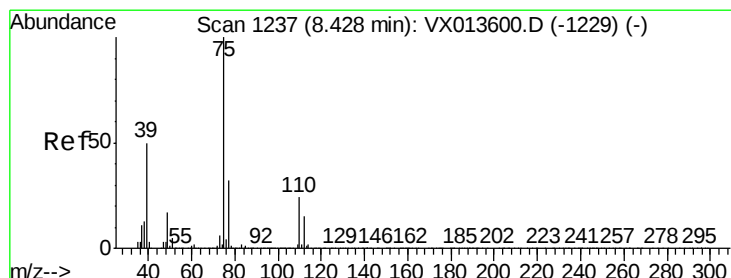
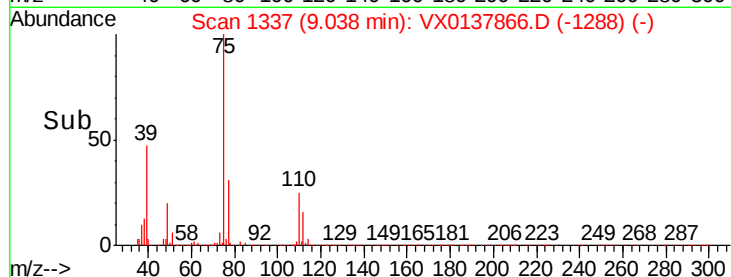
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.801 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

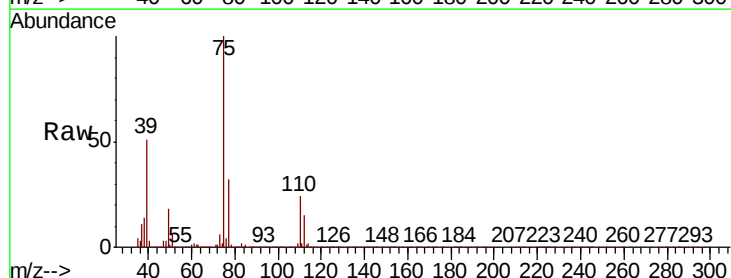
Tgt Ion: 75 Resp: 454322

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 51.1 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

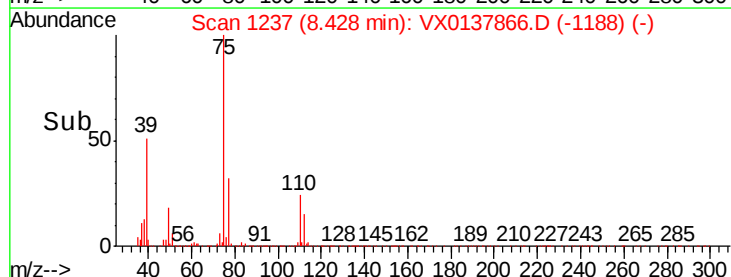
300000

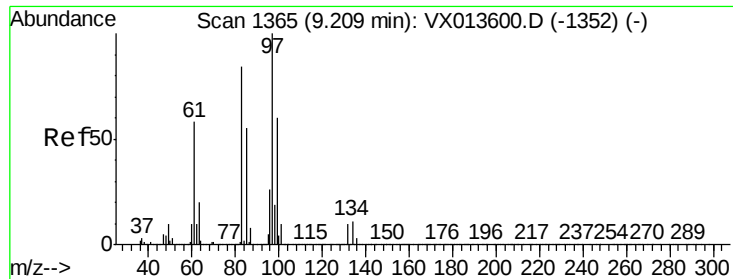
200000

100000

0

Time-->

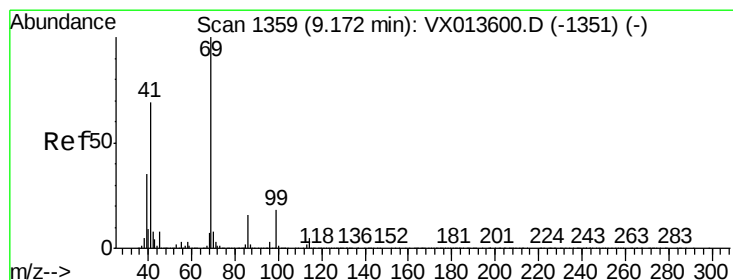
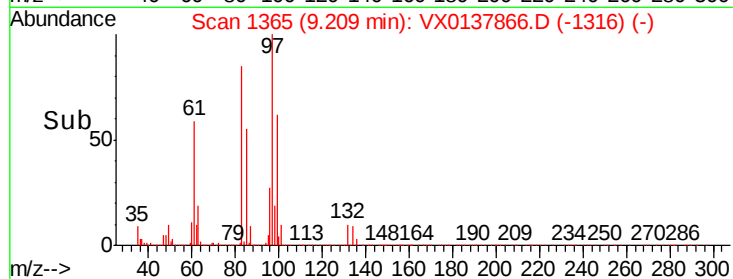
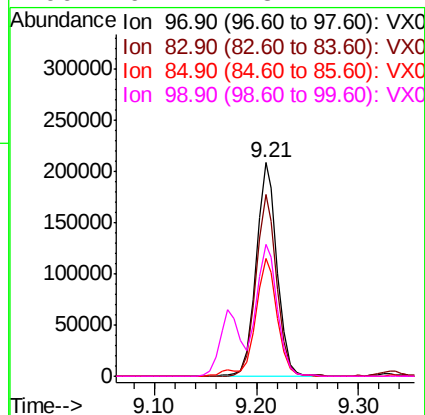
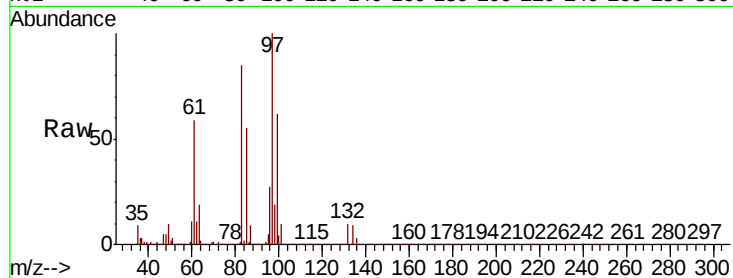




#55
 1,1,2-Trichloroethane
 Concen: 51.464 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

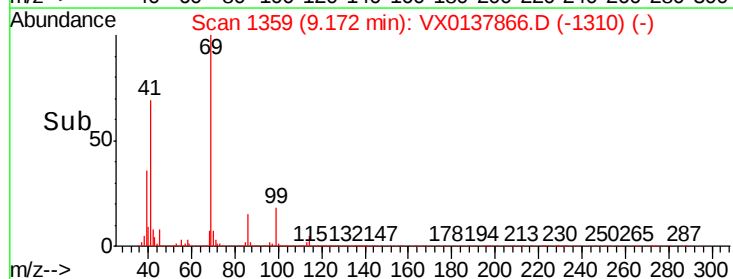
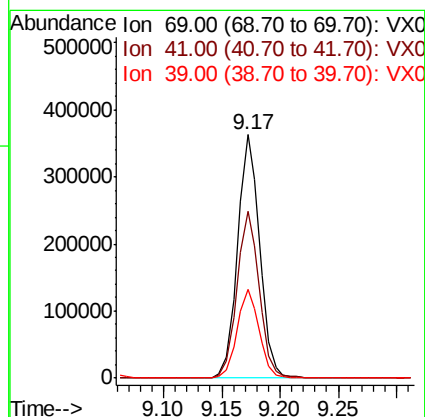
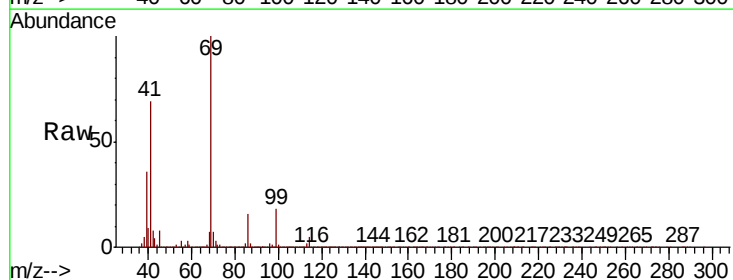
Instrument :
 MSVOA_X
 ClientSampleId :

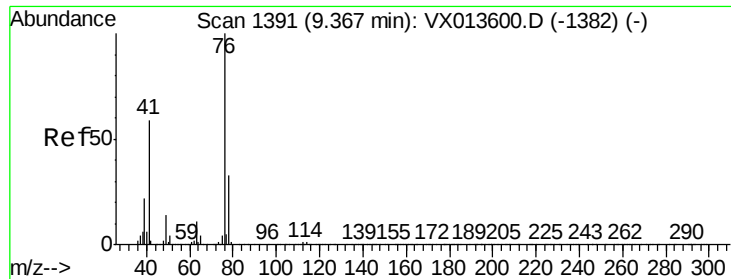
Tot Ion:	97	Resp:	300252
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.3	100.9
85	55.0	43.6	65.4
99	61.7	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 51.288 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion:	69	Resp:	481076
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.0	82.4
39	35.9	28.7	43.1





#57

1,3-Dichloropropane

Concen: 50.490 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

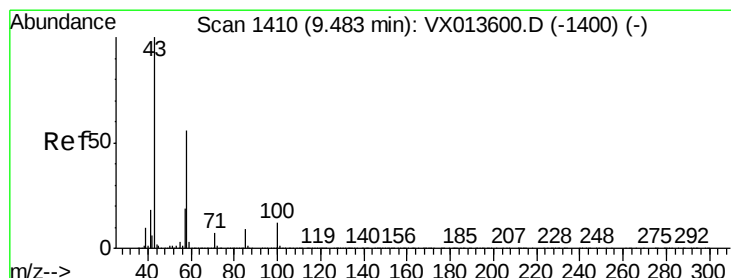
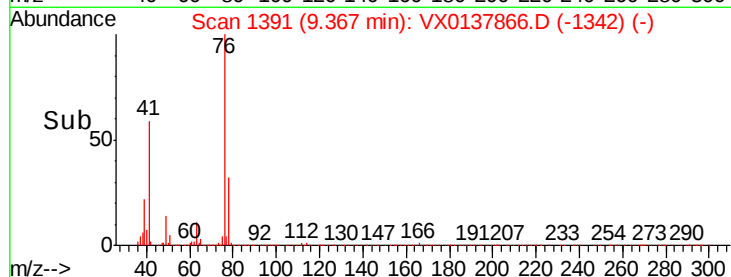
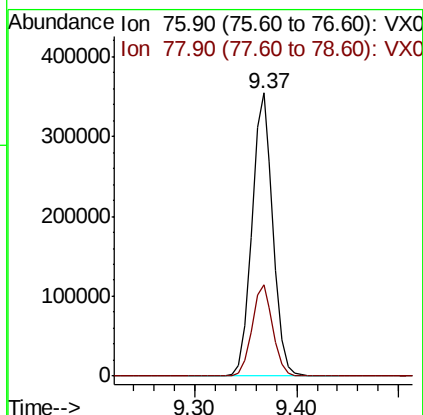
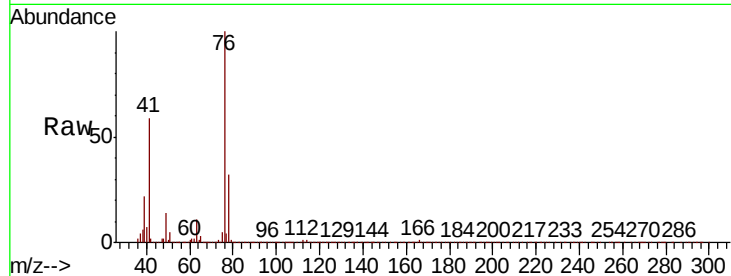
ClientSampleId :

Tot Ion: 76 Resp: 507737

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#59

2-Hexanone

Concen: 267.241 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX0137866.D

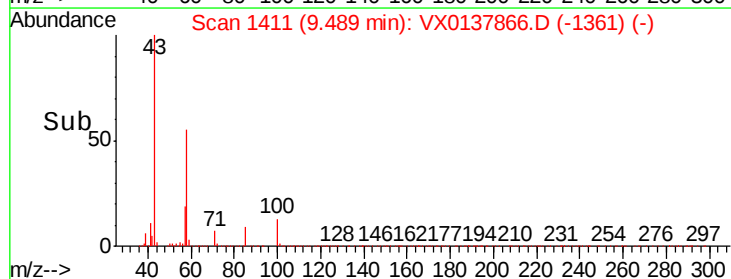
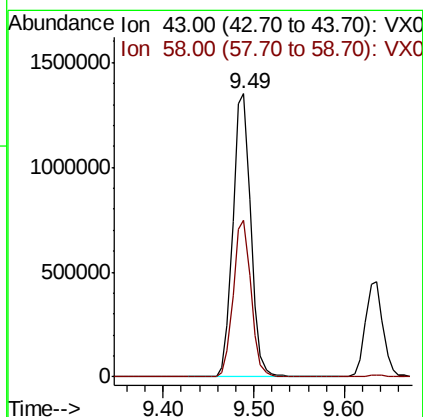
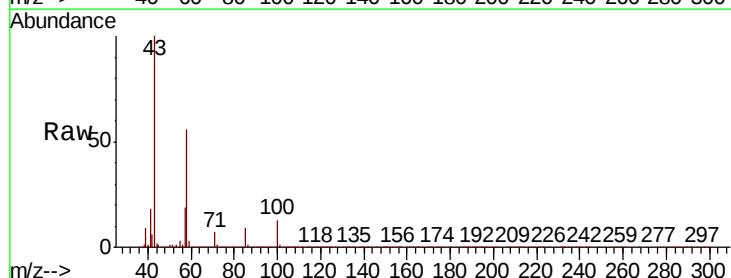
Acq: 09 Dec 2019 21:14

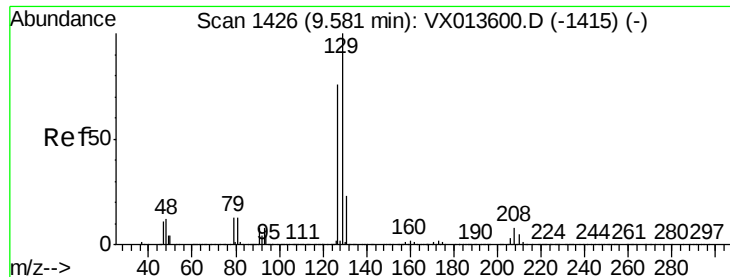
Tgt Ion: 43 Resp: 1852775

Ion Ratio Lower Upper

43 100

58 55.0 28.1 84.4





#60

Dibromochloromethane

Concen: 51.365 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

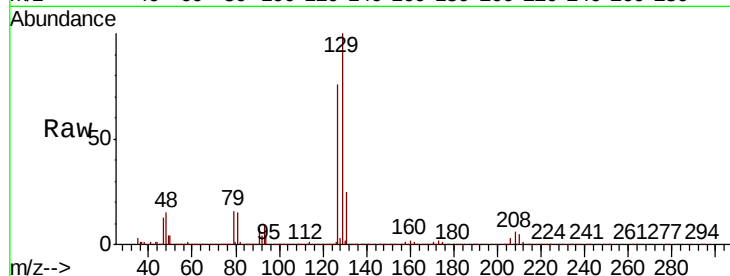
ClientSampleId :

Tot Ion:129 Resp: 310997

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

200000

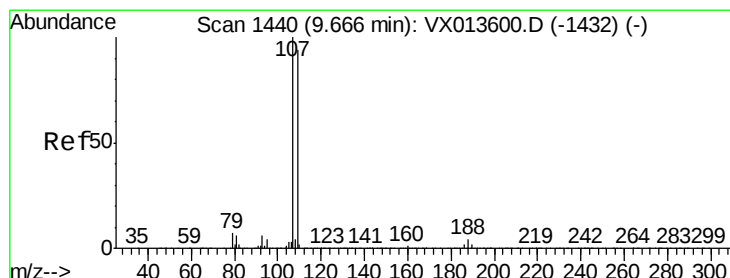
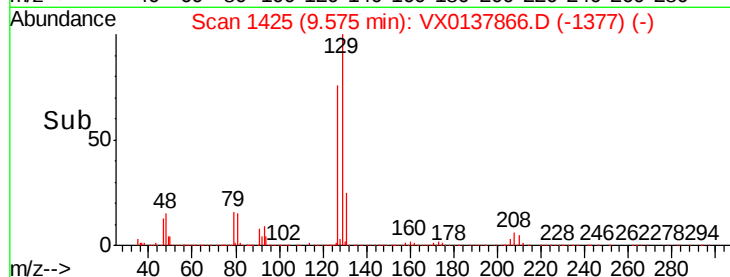
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 49.867 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX0137866.D

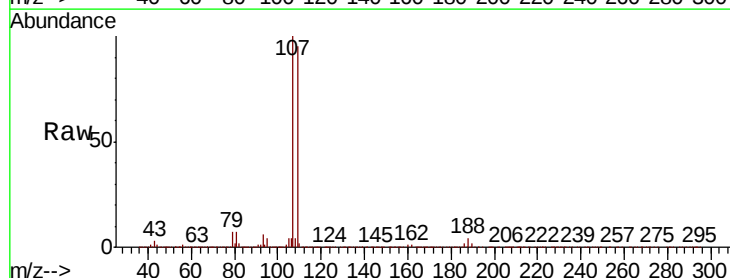
Acq: 09 Dec 2019 21:14

Tgt Ion:107 Resp: 310728

Ion Ratio Lower Upper

107 100

109 94.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

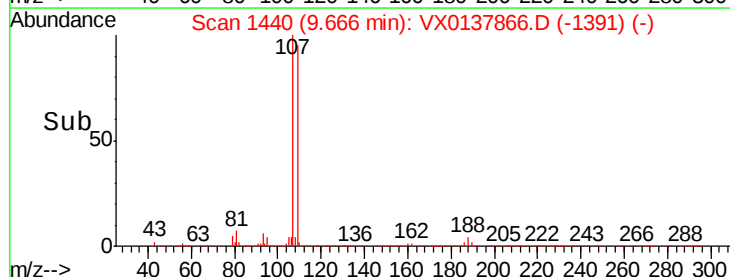
150000

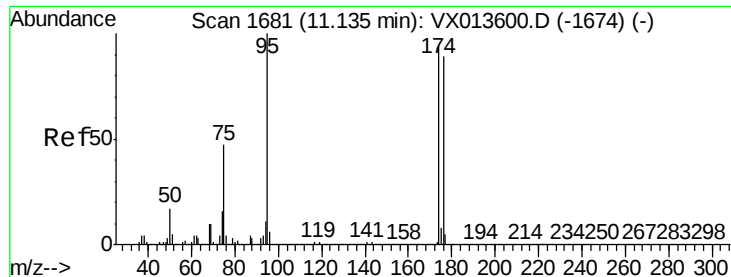
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.172 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

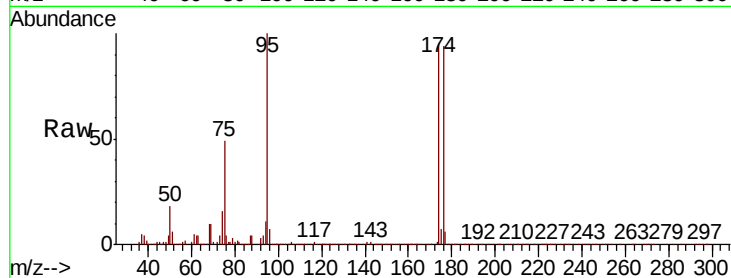
Tot Ion: 95 Resp: 330717

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

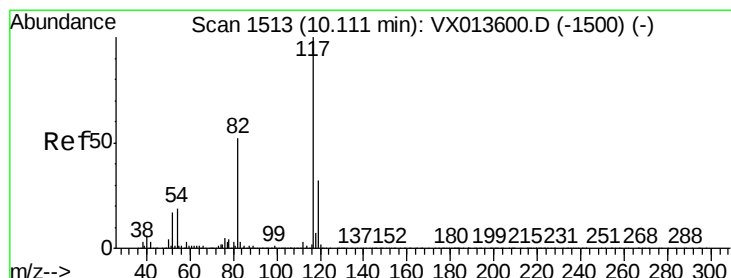
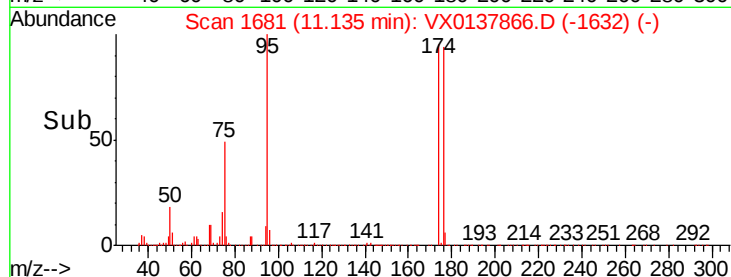
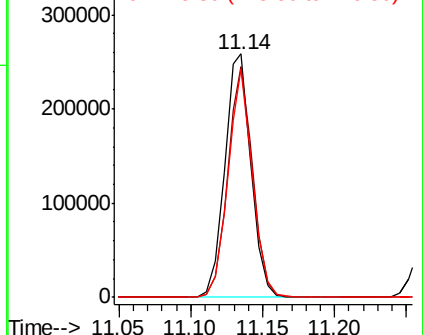
176 87.0 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

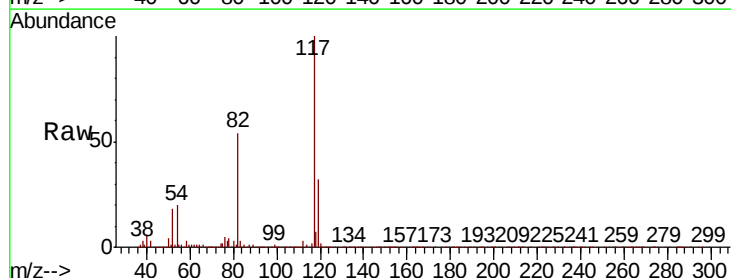
Tgt Ion: 117 Resp: 765925

Ion Ratio Lower Upper

117 100

82 54.2 41.8 62.8

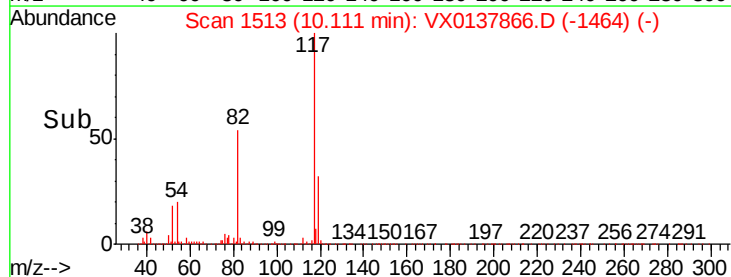
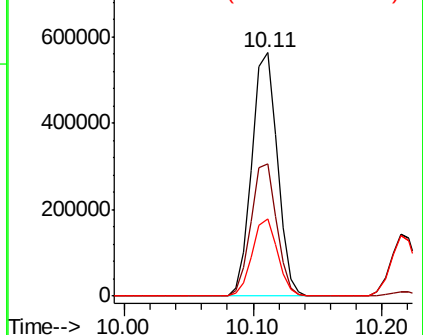
119 31.7 25.8 38.8

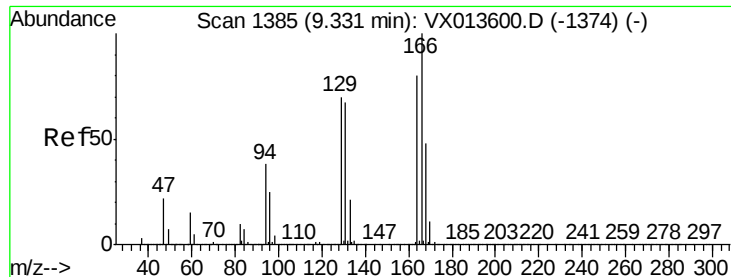


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

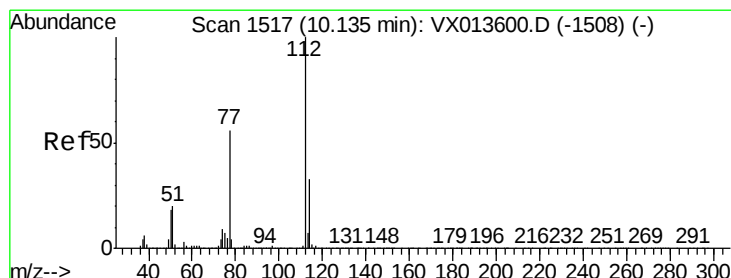
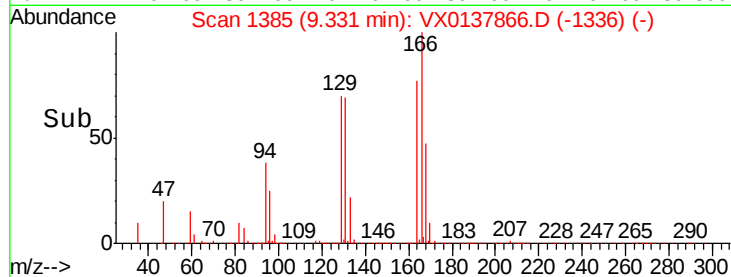
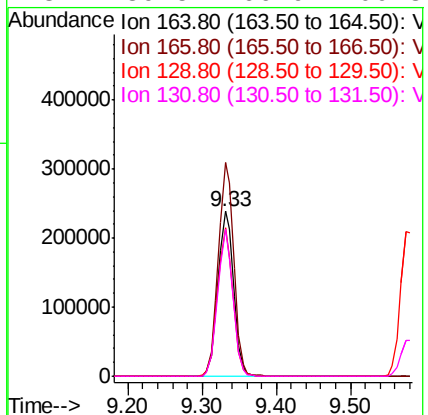
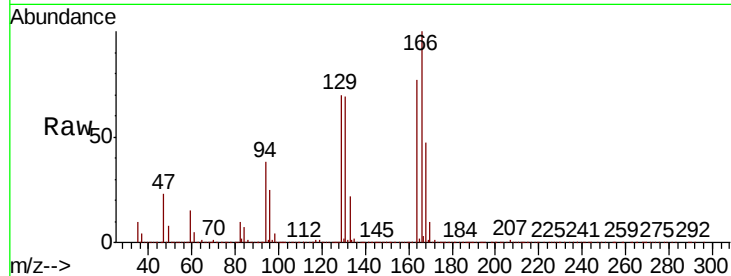




#64
Tetrachloroethene
Concen: 60.530 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

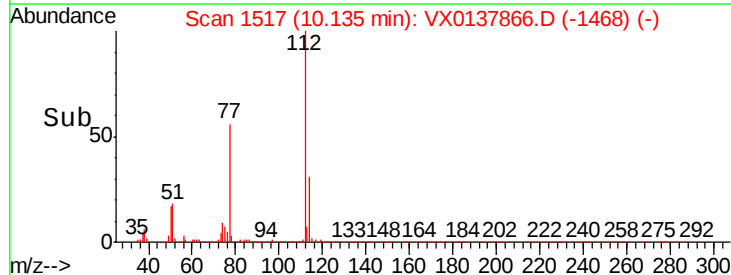
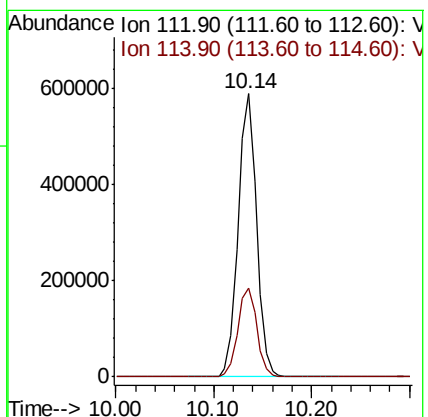
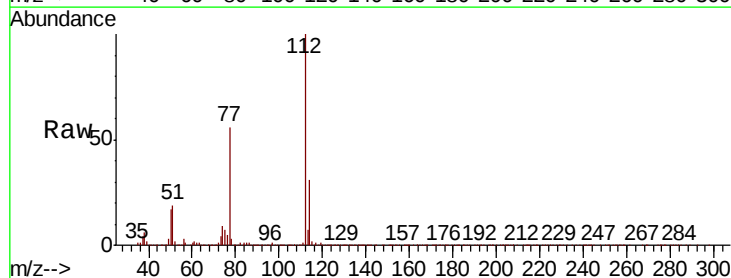
Instrument :
MSVOA_X
ClientSampleId :

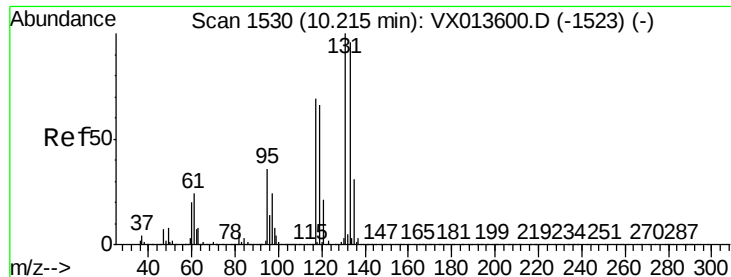
Tot Ion	Ratio	Lower	Upper
164	100		
166	129.8	99.7	149.5
129	90.4	70.1	105.1
131	89.5	66.9	100.3



#65
Chlorobenzene
Concen: 48.337 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.1	39.1

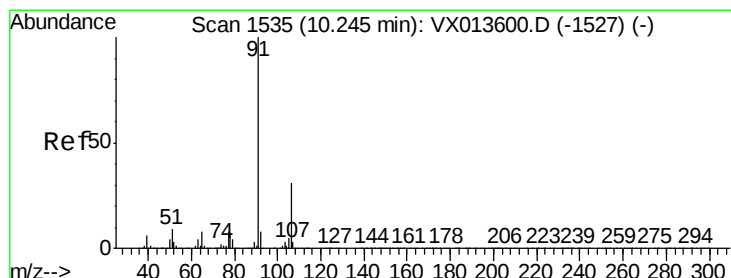
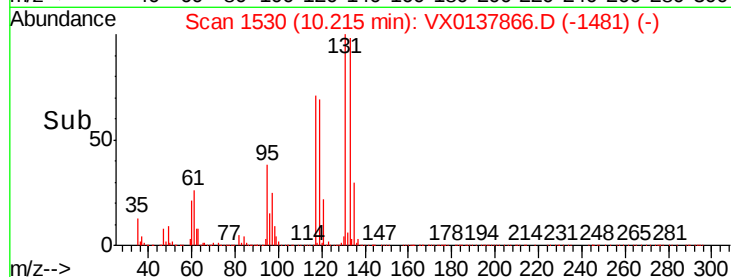
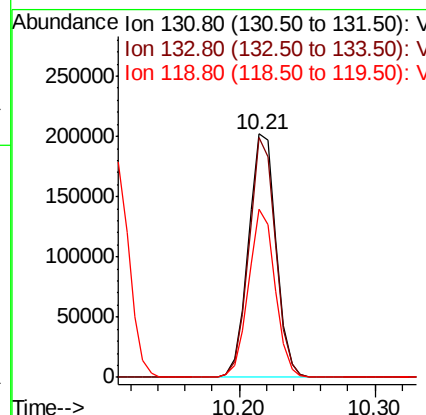
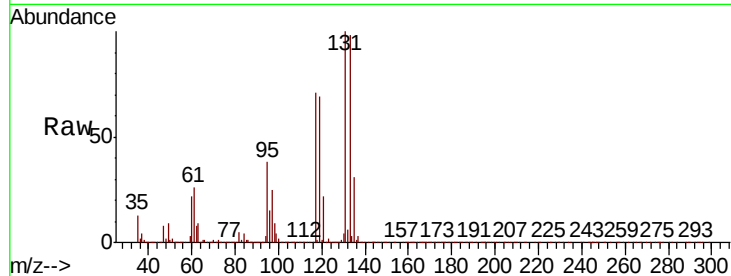




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.227 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

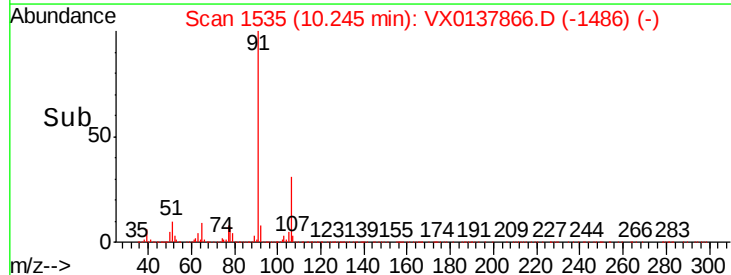
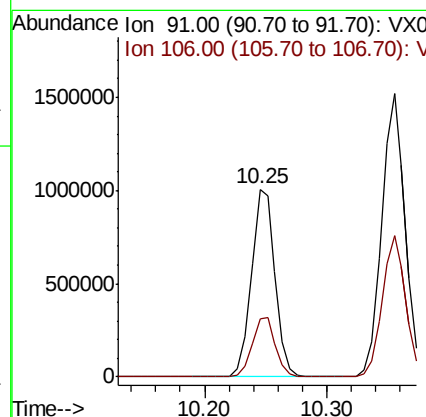
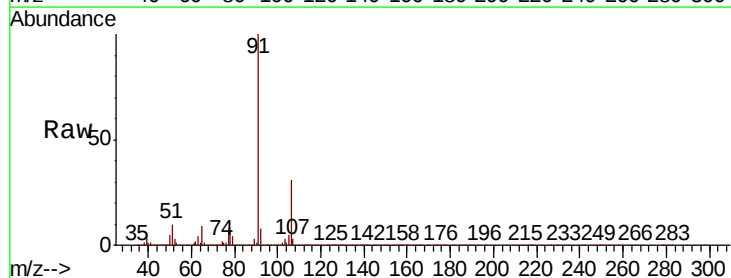
Instrument :
 MSVOA_X
 ClientSampleId :

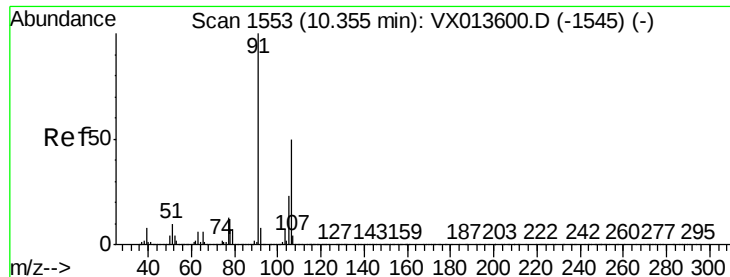
Tot Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.7	143.1
119	66.3	32.9	98.6



#67
 Ethyl Benzene
 Concen: 48.959 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.5	36.7





#68

m/p-Xvlenes

Concen: 96.474 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

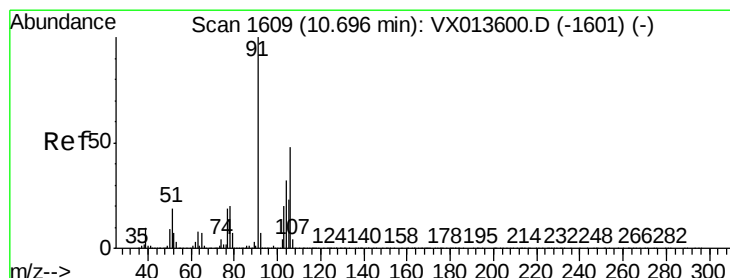
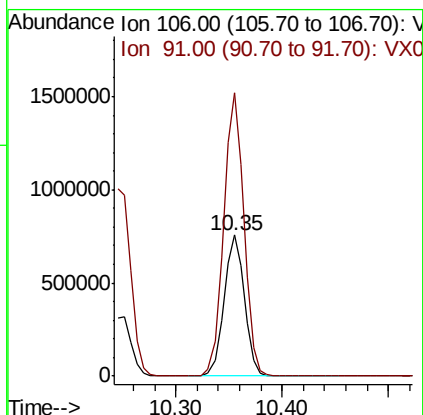
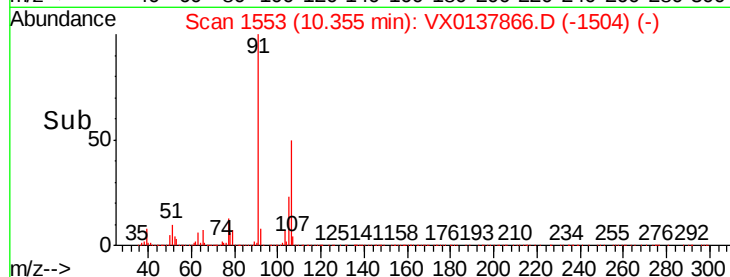
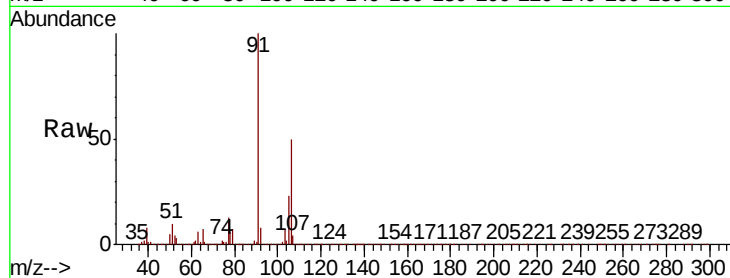
ClientSampleId :

Tot Ion:106 Resp: 1009309

Ion Ratio Lower Upper

106 100

91 199.3 159.0 238.4



#69

o-Xylene

Concen: 48.918 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX0137866.D

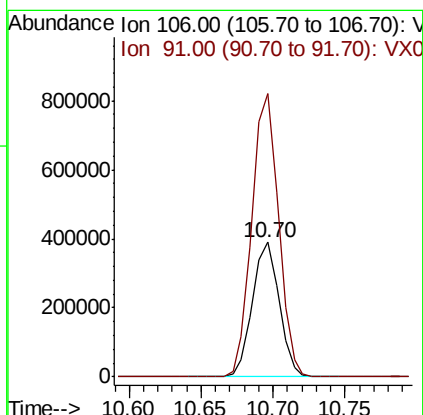
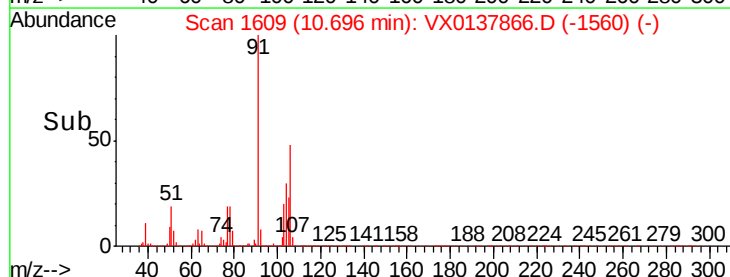
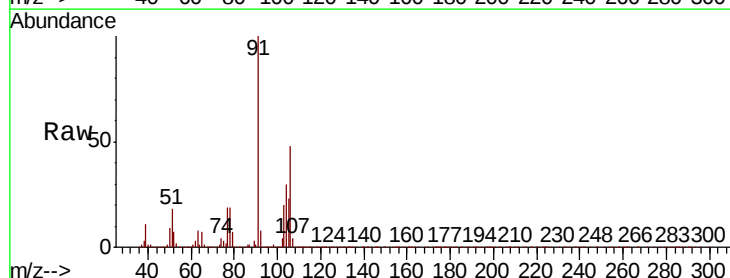
Acq: 09 Dec 2019 21:14

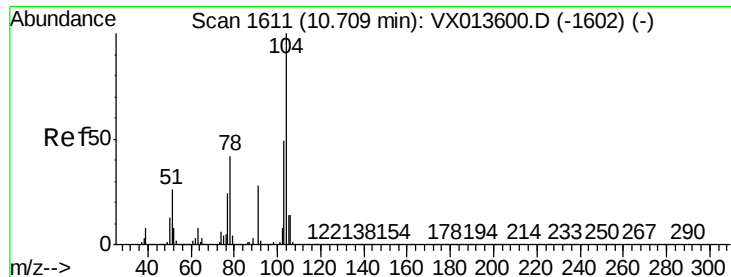
Tgt Ion:106 Resp: 499140

Ion Ratio Lower Upper

106 100

91 210.5 104.1 312.2

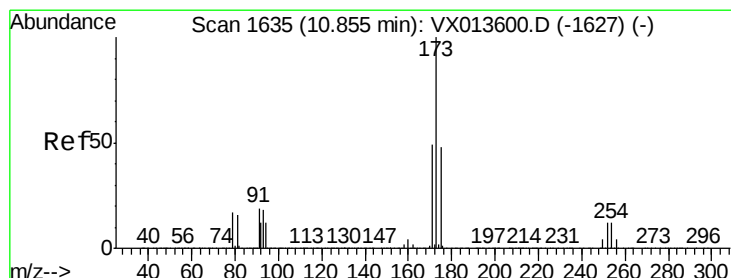
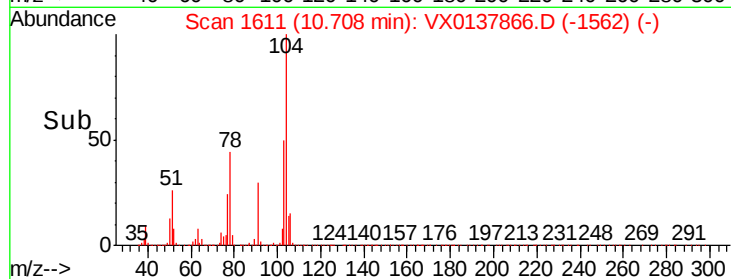
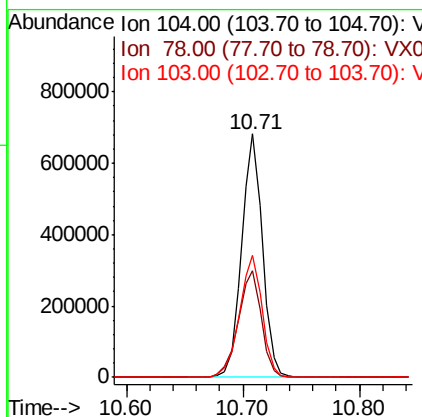
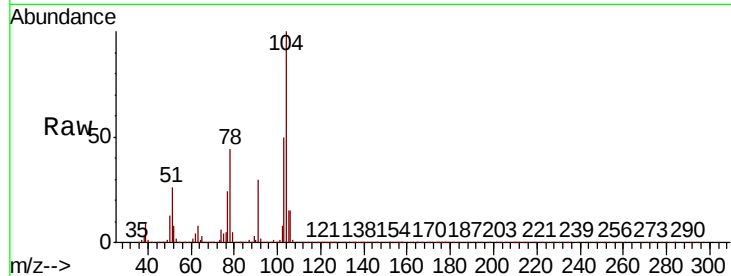




#70
Stvrene
Concen: 49.464 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

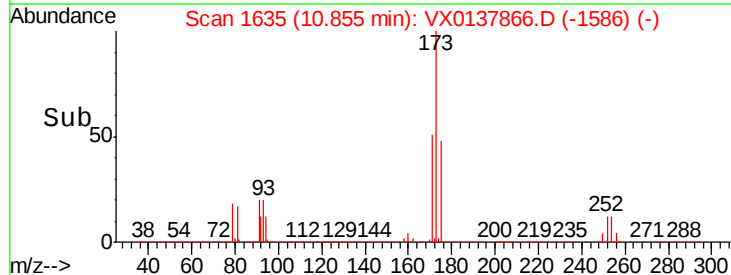
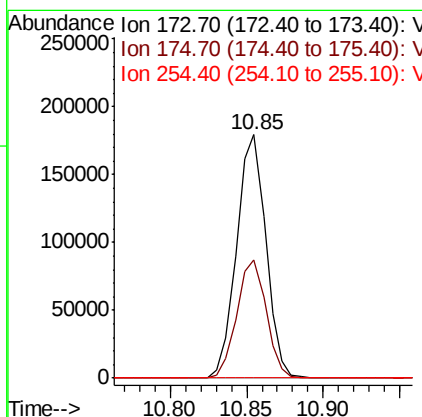
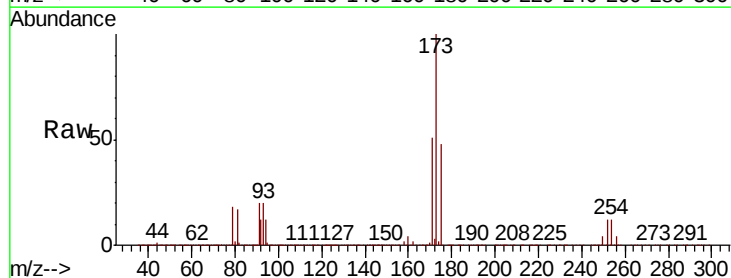
Instrument :
MSVOA_X
ClientSampleId :

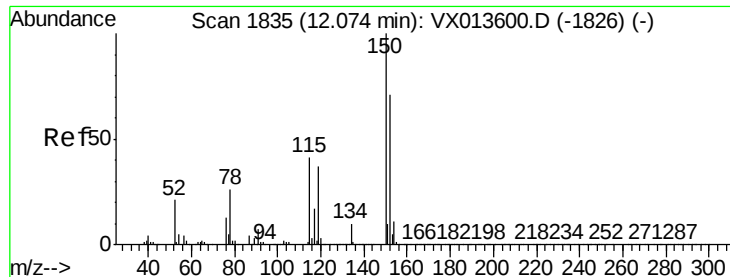
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.5	57.7
103	54.7	43.7	65.5



#71
Bromoform
Concen: 50.462 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.2	0.2	0.4



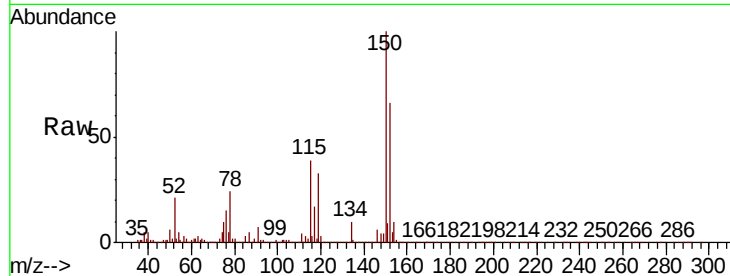


#72

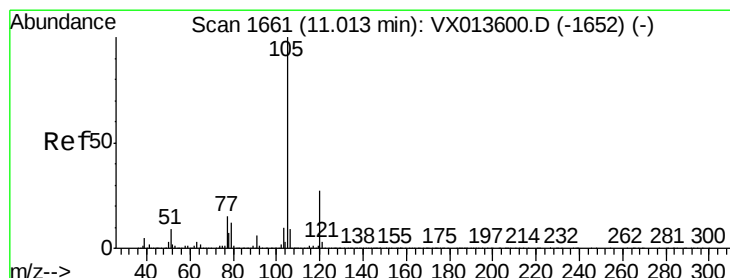
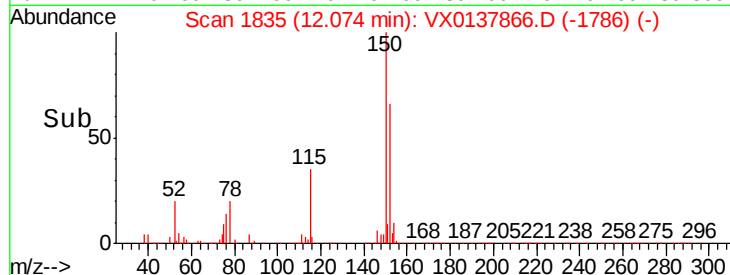
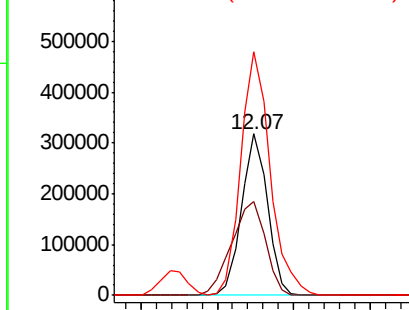
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.2	38.4	115.1
150	171.0	0.0	346.8



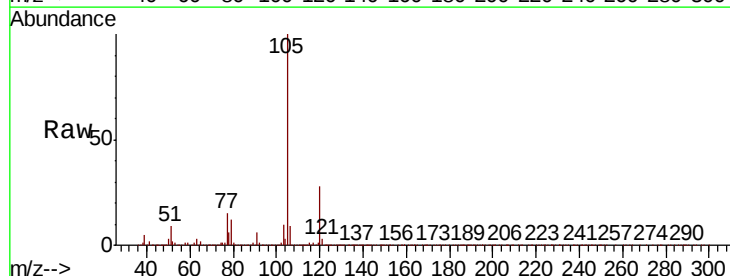
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



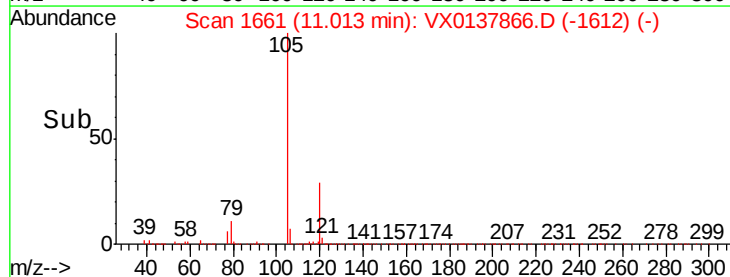
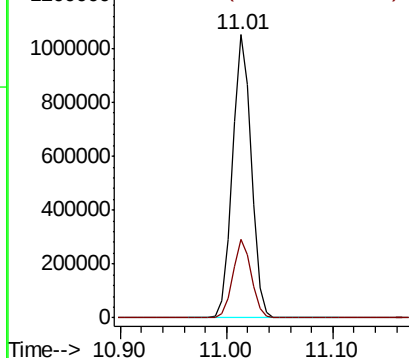
#73

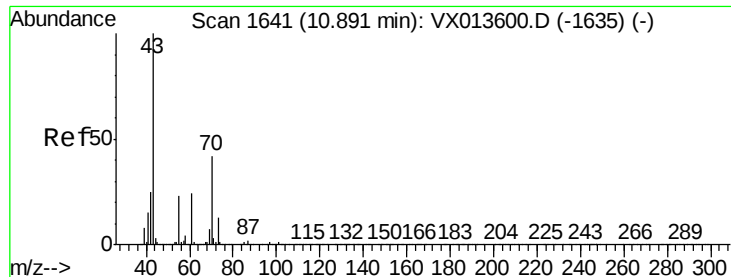
Isopropylbenzene
Concen: 49.810 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.836 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 598163

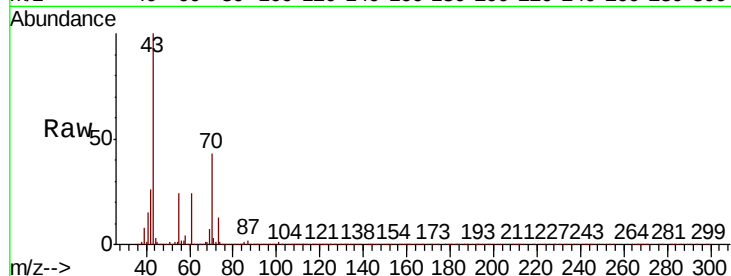
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.4 18.5 27.7

61 24.2 19.8 29.8

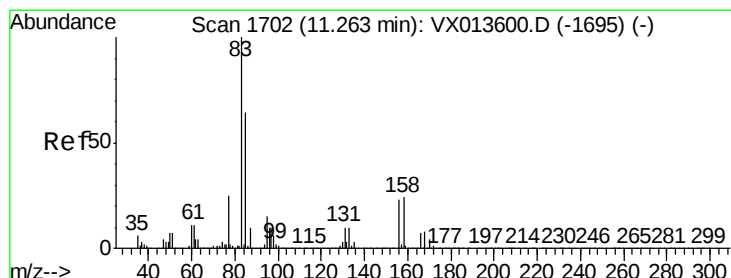
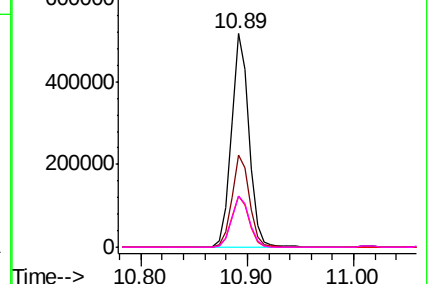
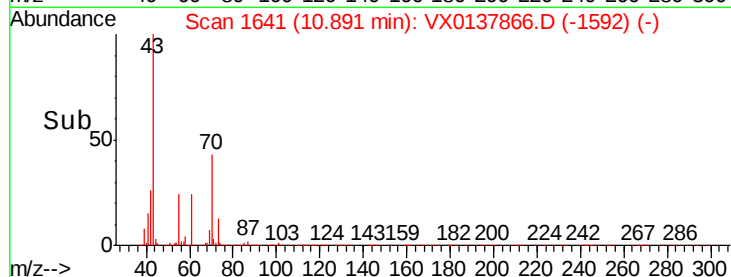


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.889 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

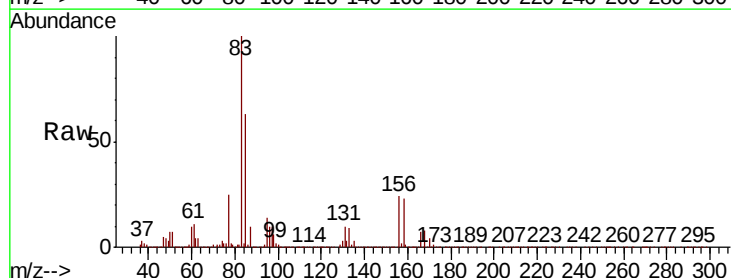
Tgt Ion: 83 Resp: 489663

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

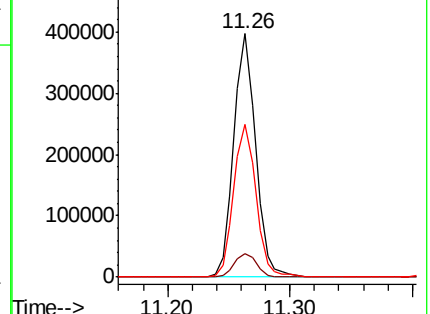
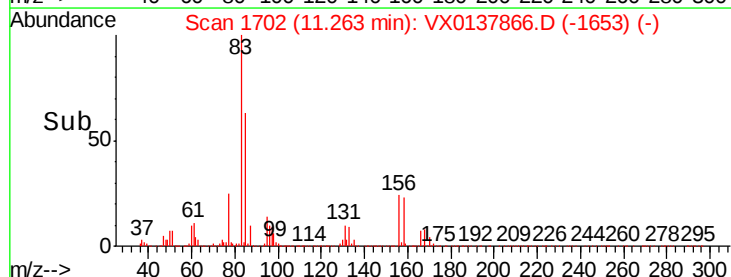
85 64.1 31.8 95.3

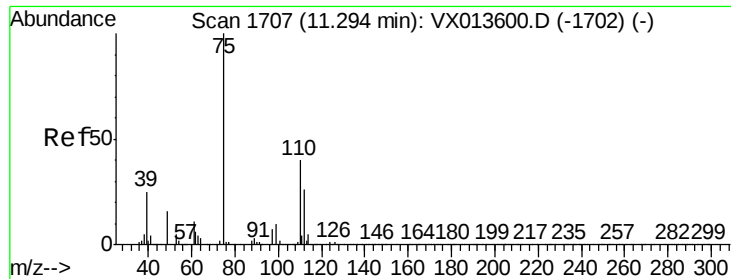


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

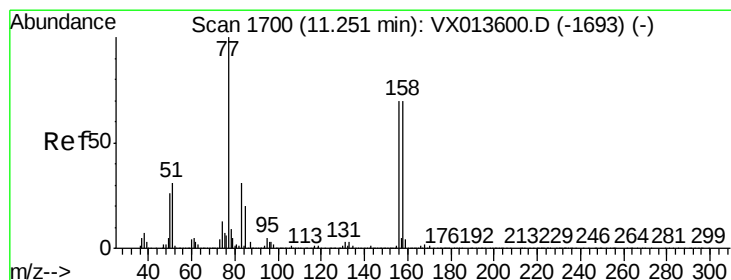
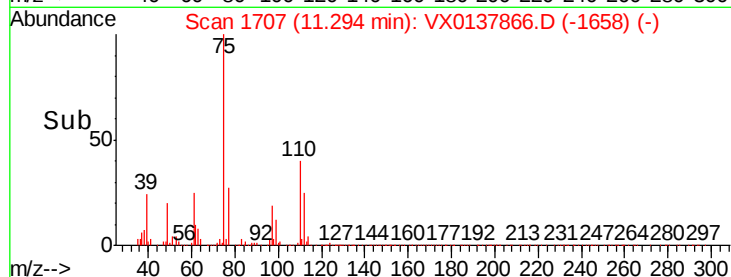
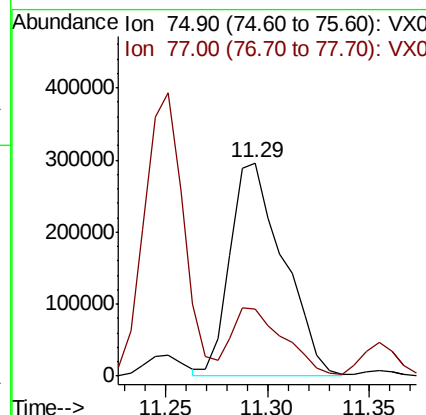
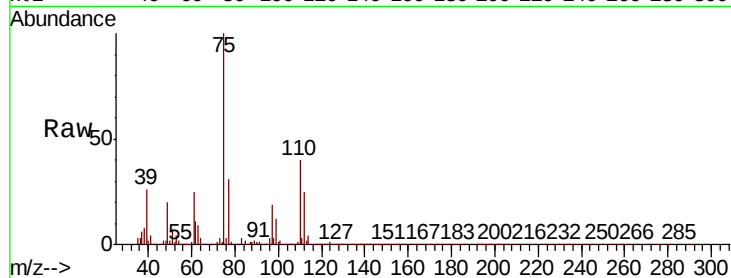




#76
 1,2,3-Trichloropropane
 Concen: 63.907 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

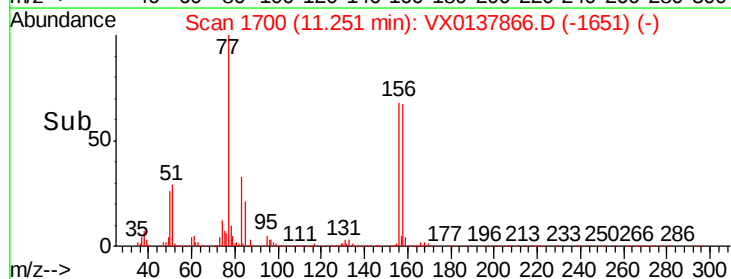
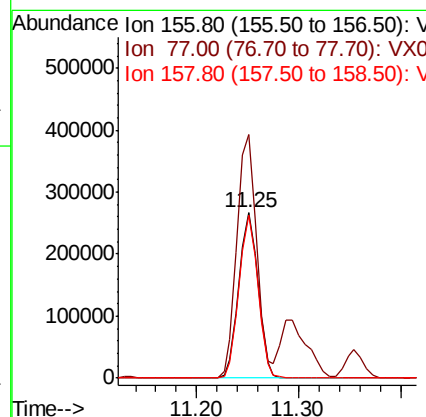
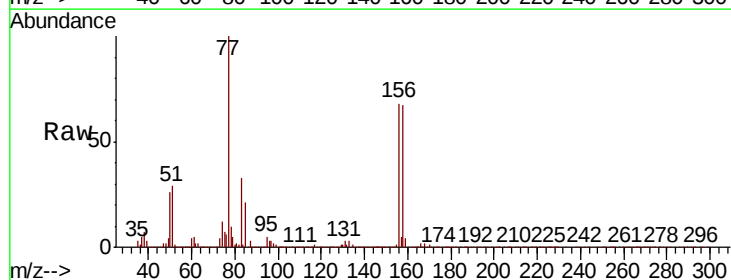
Instrument :
 MSVOA_X
 ClientSampleId :

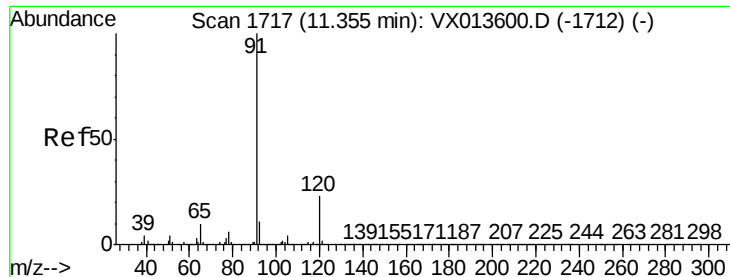
Tot Ion: 75 Resp: 536898
 Ion Ratio Lower Upper
 75 100
 77 30.9 19.1 57.5



#77
 Bromobenzene
 Concen: 48.897 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion: 156 Resp: 346115
 Ion Ratio Lower Upper
 156 100
 77 151.9 74.4 223.1
 158 96.9 48.9 146.6





#78

n-propylbenzene

Concen: 49.249 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

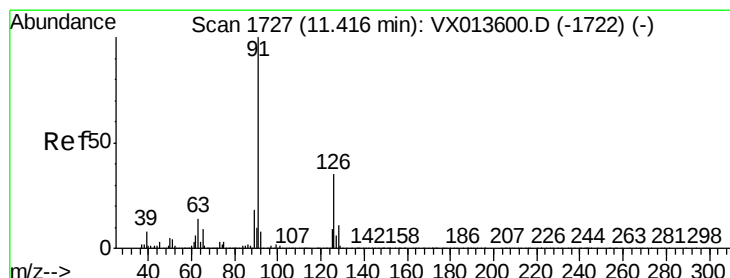
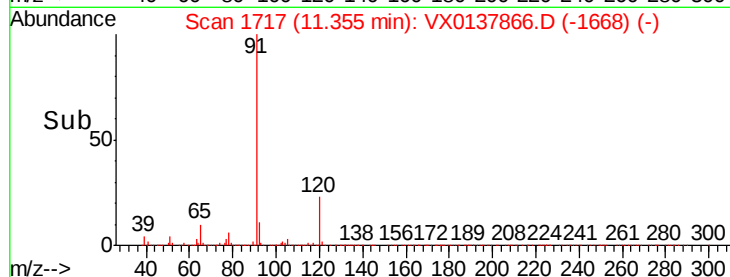
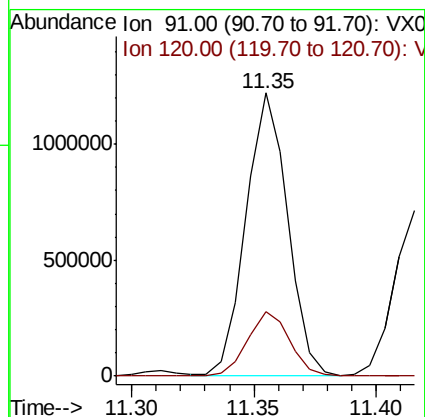
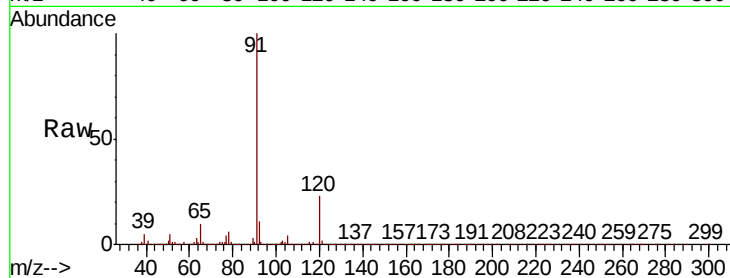
ClientSampleId :

Tot Ion: 91 Resp: 1440490

Ion Ratio Lower Upper

91 100

120 23.2 11.8 35.3



#79

2-Chlorotoluene

Concen: 49.461 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0137866.D

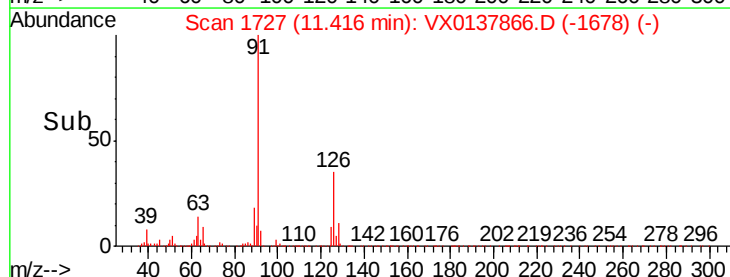
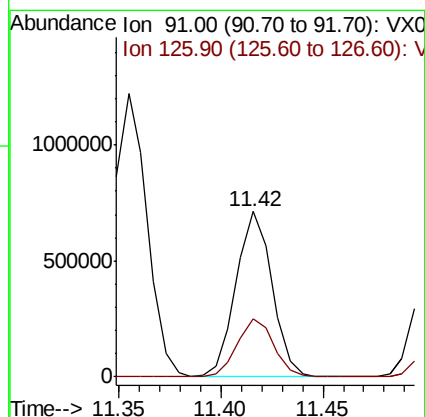
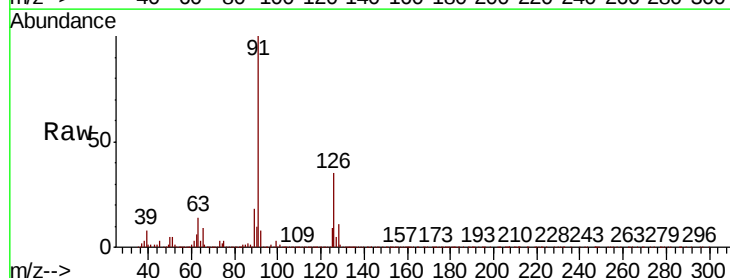
Acq: 09 Dec 2019 21:14

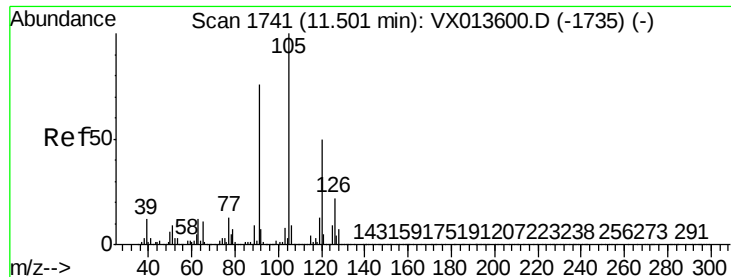
Tgt Ion: 91 Resp: 867829

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5

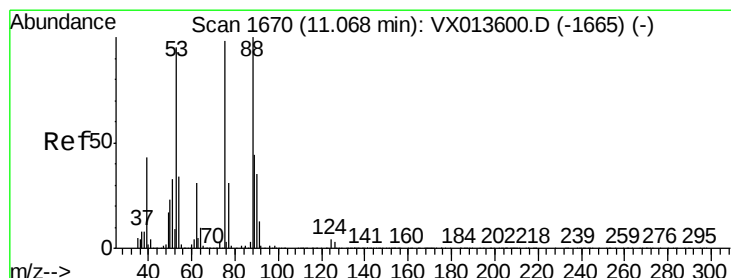
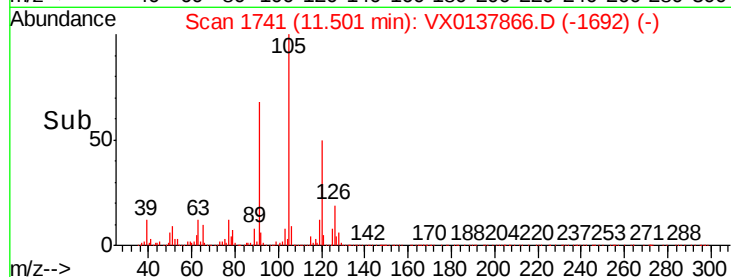
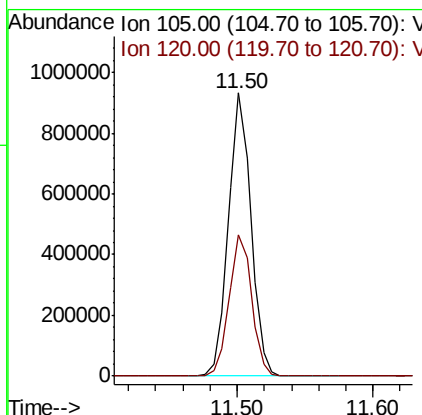
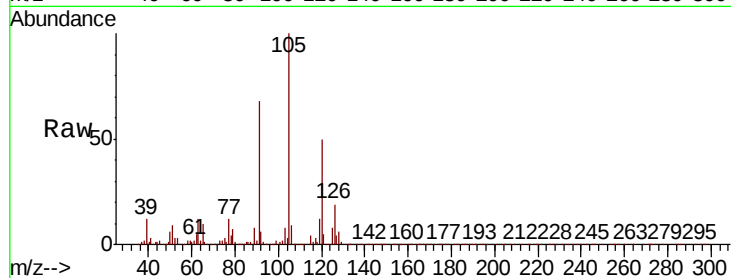




#80
 1,3,5-Trimethylbenzene
 Concen: 49.828 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

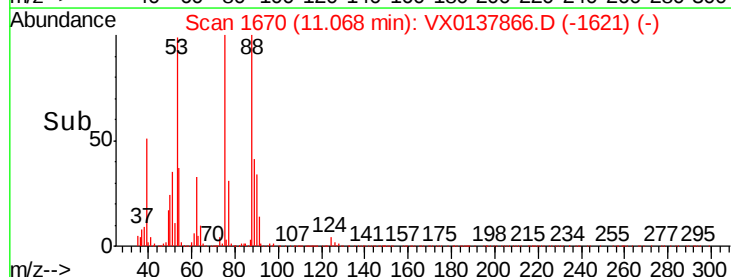
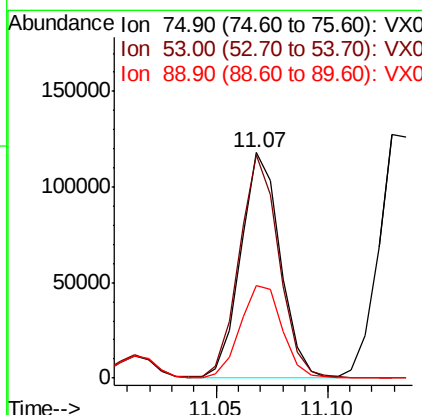
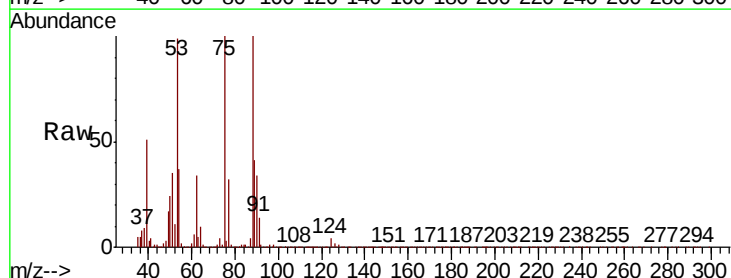
Instrument :
 MSVOA_X
 ClientSampleId :

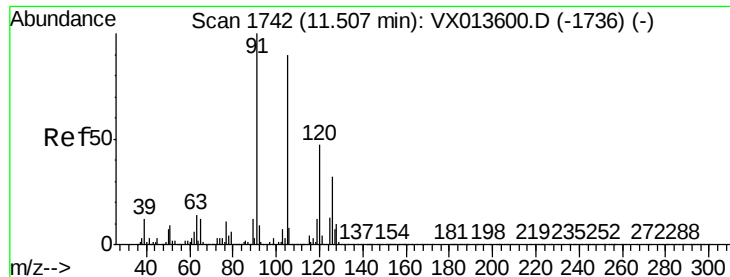
Tot Ion:105 Resp: 1070036
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.215 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion: 75 Resp: 144991
 Ion Ratio Lower Upper
 75 100
 53 99.1 78.2 117.2
 89 44.4 35.4 53.2

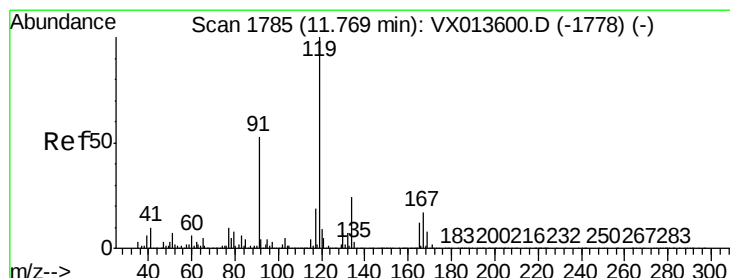
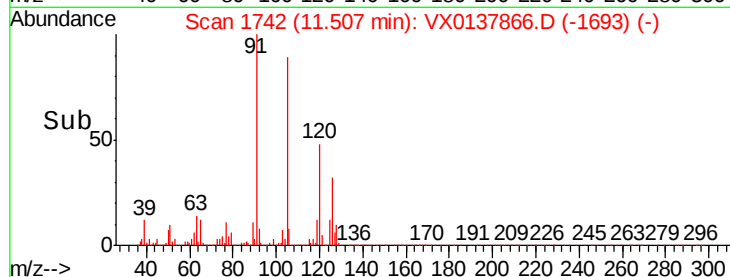
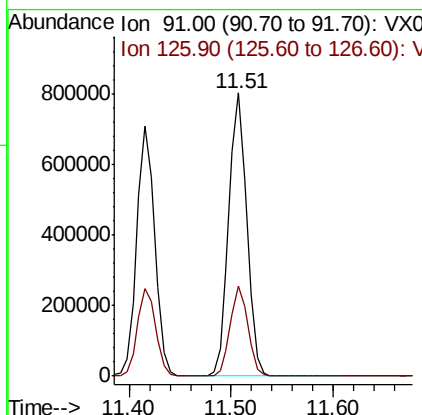
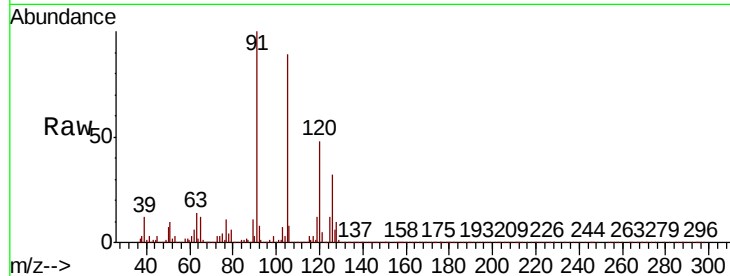




#82
4-Chlorotoluene
Concen: 48.429 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

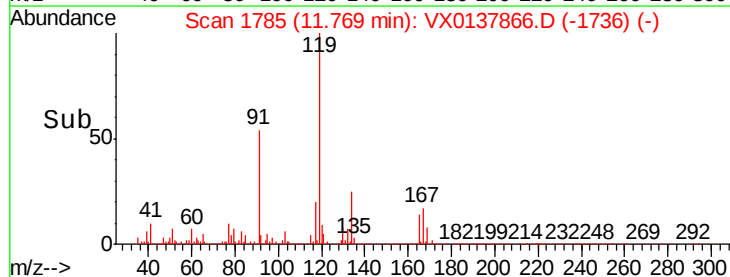
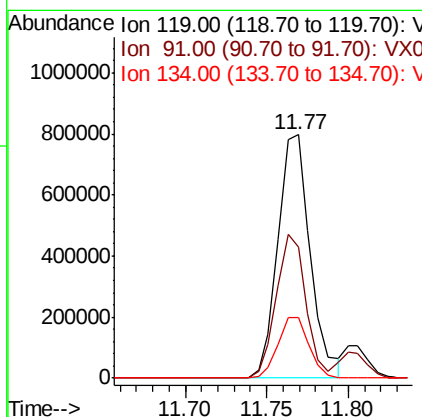
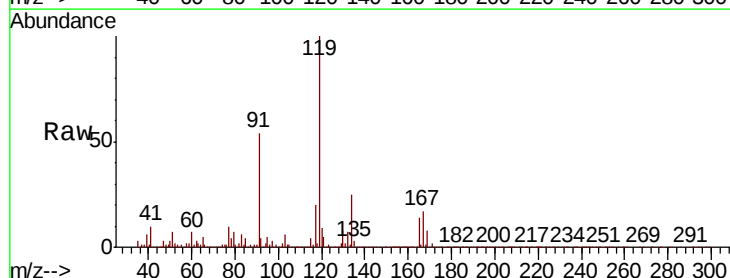
Instrument :
MSVOA_X
ClientSampleId :

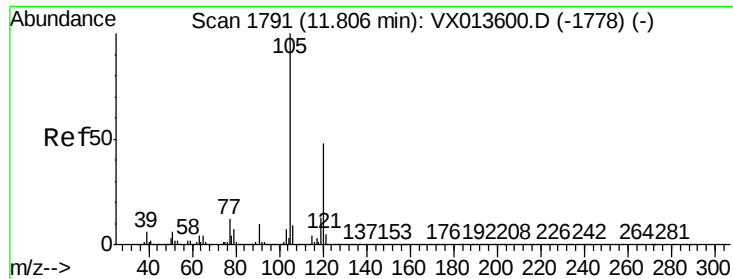
Tot Ion: 91 Resp: 984167
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0



#83
tert-Butylbenzene
Concen: 50.628 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion: 119 Resp: 1104931
Ion Ratio Lower Upper
119 100
91 54.0 27.2 81.6
134 23.8 11.7 35.1

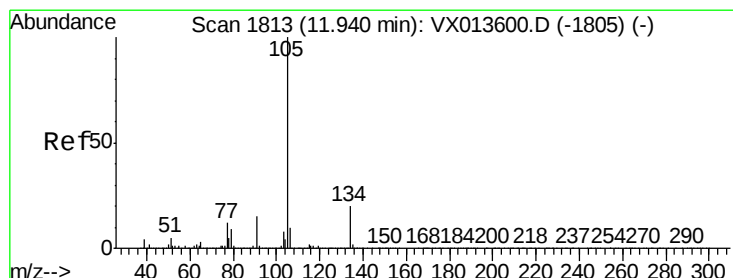
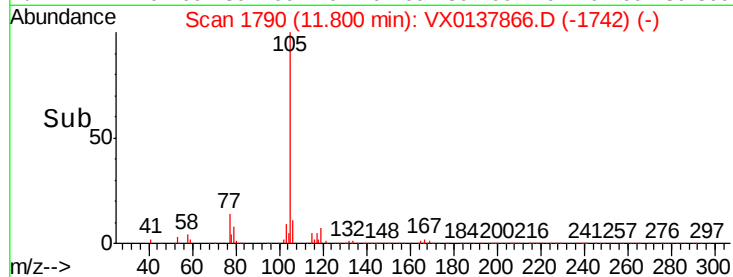
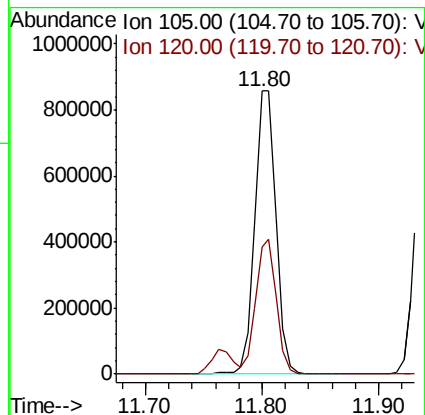
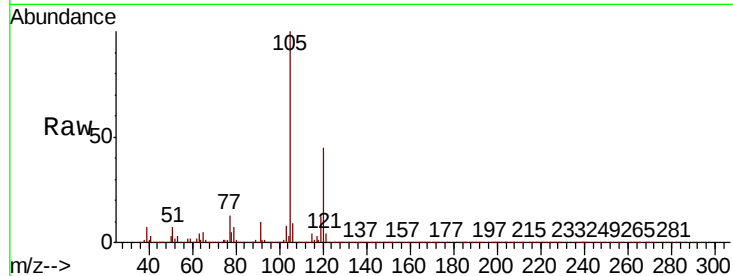




#84
 1,2,4-Trimethylbenzene
 Concen: 49.853 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

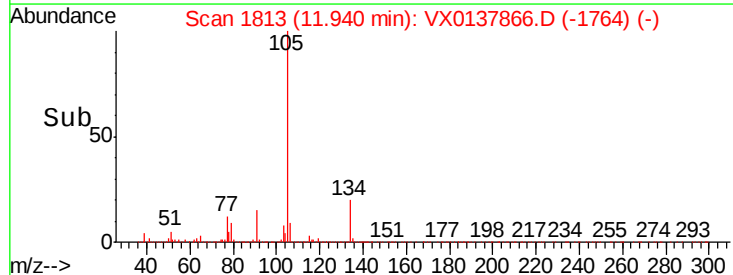
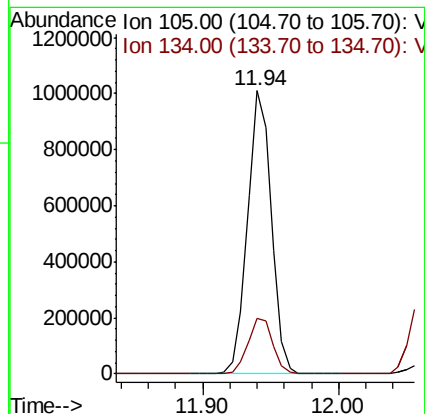
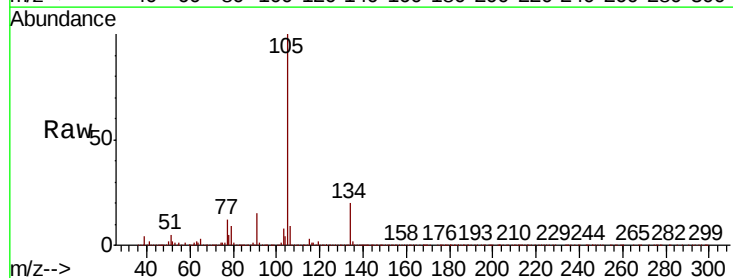
Instrument :
 MSVOA_X
 ClientSampleId :

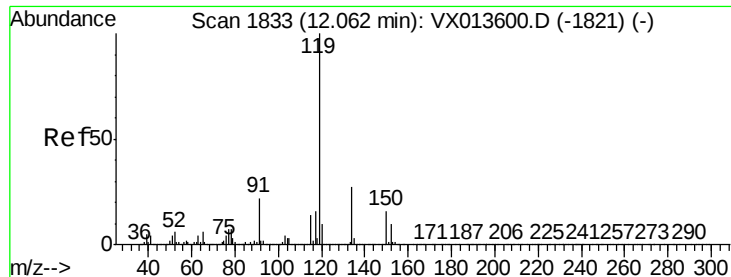
Tot Ion:105 Resp: 1086519
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 49.495 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Tgt Ion:105 Resp: 1233814
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2

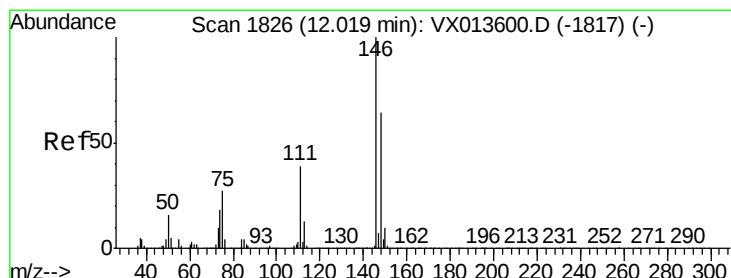
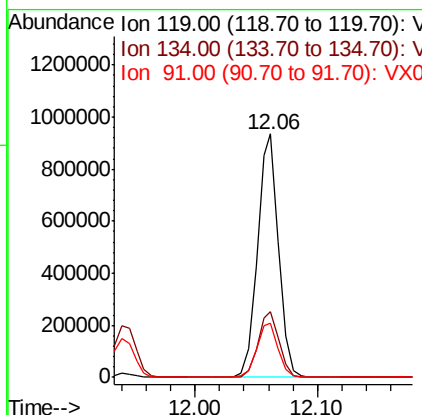
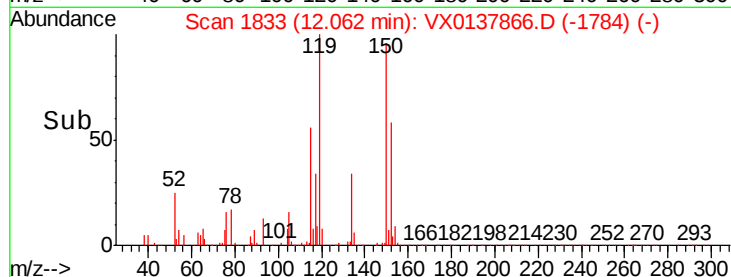
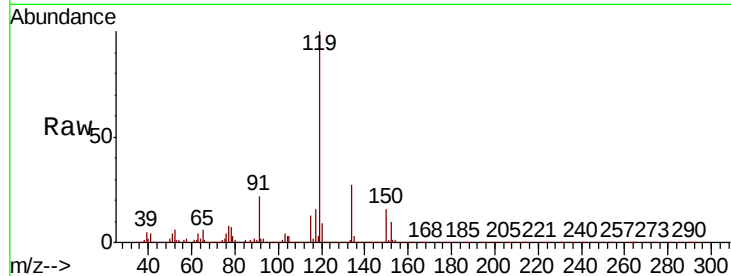




#86
p-Isopropyltoluene
Concen: 48.202 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

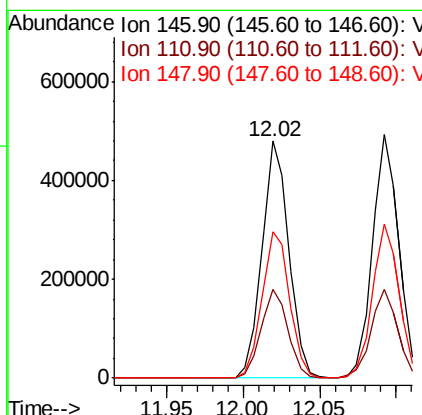
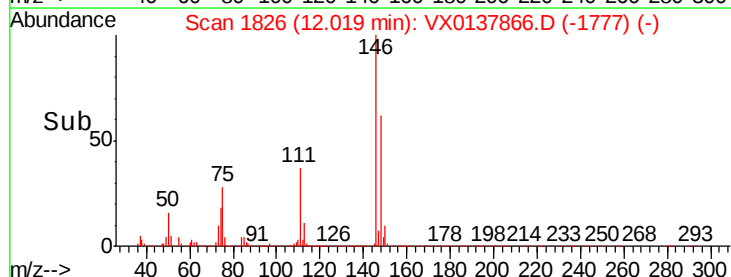
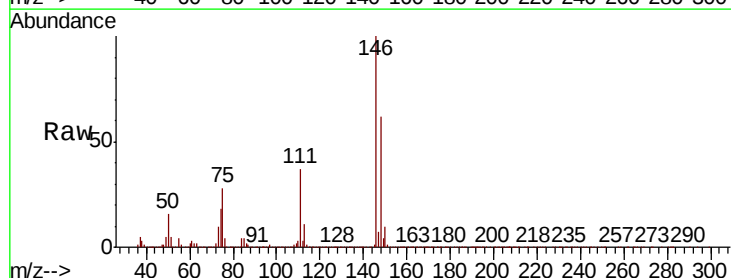
Instrument :
MSVOA_X
ClientSampleId :

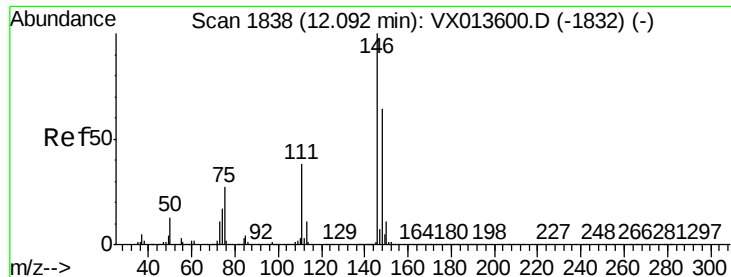
Tot Ion:119 Resp: 1117846
Ion Ratio Lower Upper
119 100
134 27.1 13.3 39.9
91 22.7 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 47.799 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX0137866.D
Acq: 09 Dec 2019 21:14

Tgt Ion:146 Resp: 589791
Ion Ratio Lower Upper
146 100
111 37.4 19.0 57.0
148 63.3 31.8 95.4





#88

1,4-Dichlorobenzene

Concen: 46.841 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX0137866.D

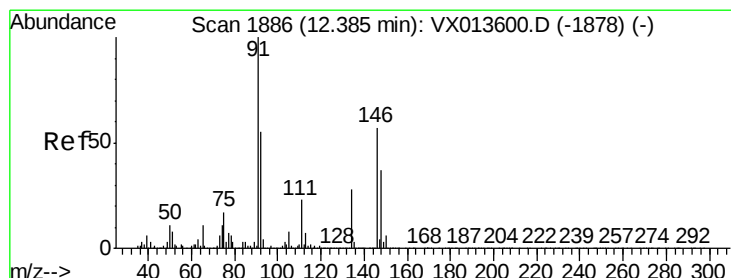
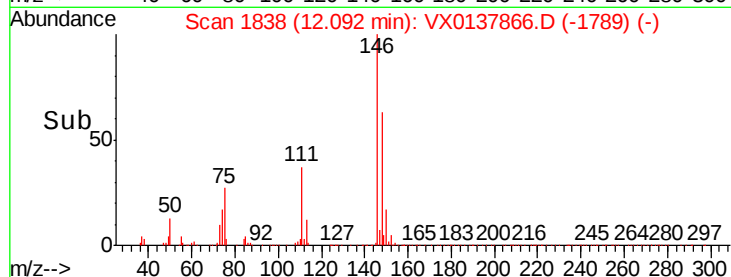
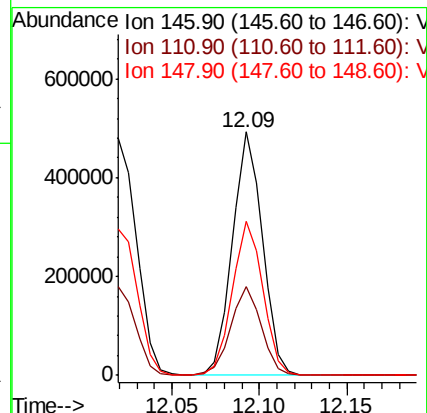
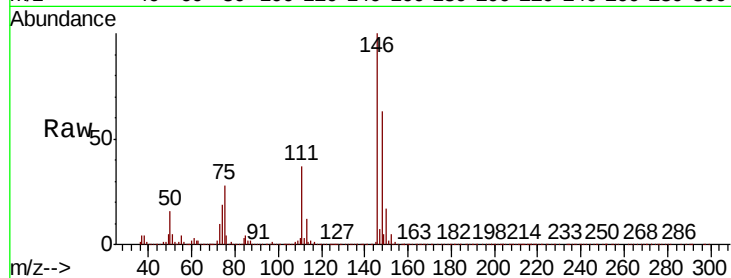
Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	588693
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.9
148	64.0	31.9	95.5



#89

n-Butylbenzene

Concen: 46.082 ug/l

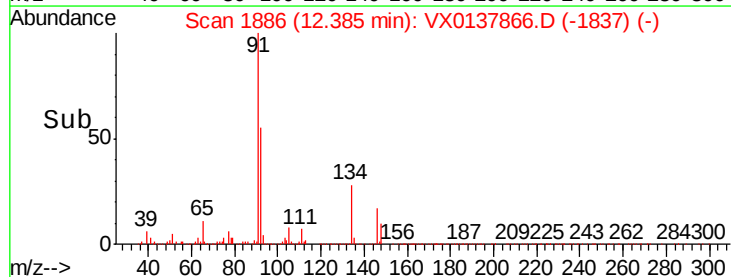
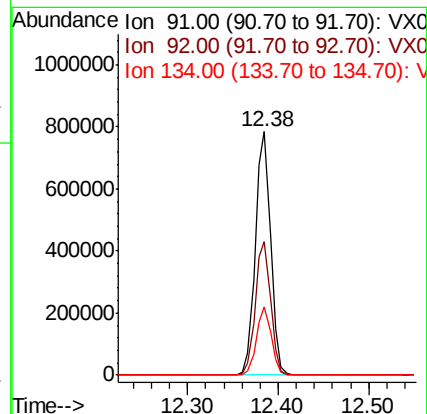
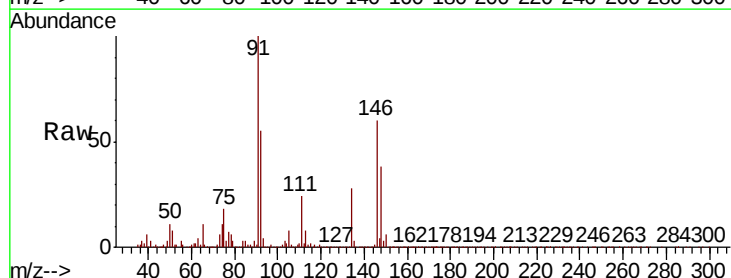
RT: 12.38 min Scan# 1886

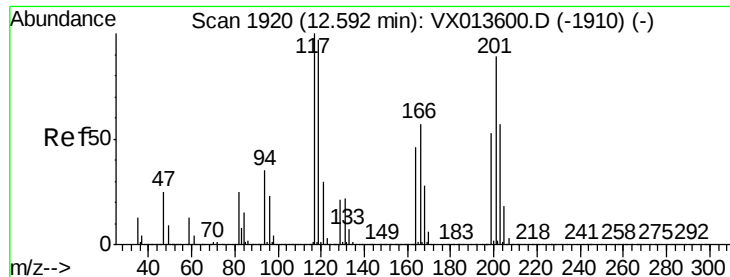
Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Tgt Ion:	91	Resp:	911464
Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.2
134	27.4	13.5	40.4





#90

Hexachloroethane

Concen: 49.531 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

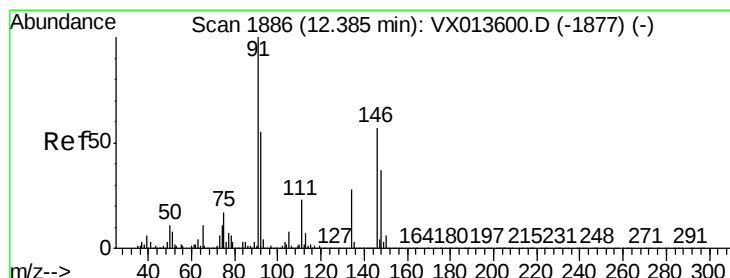
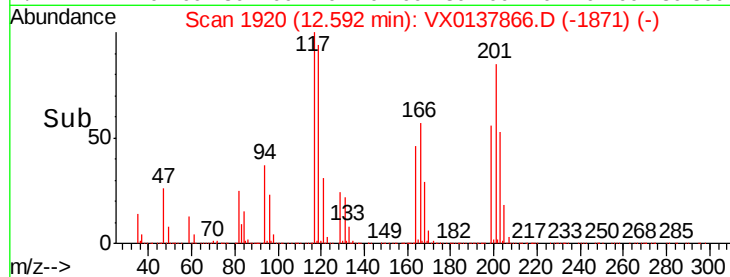
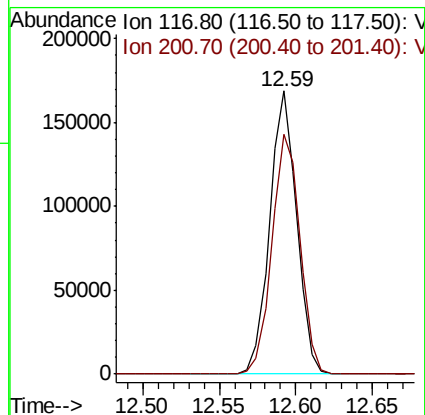
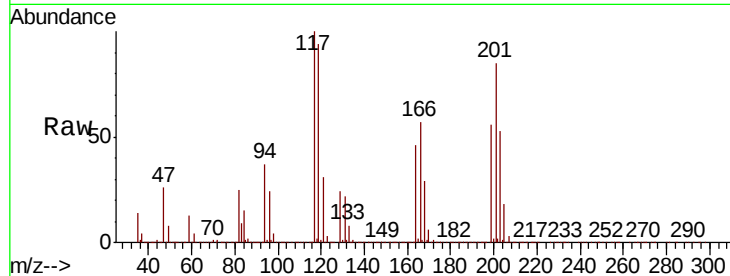
ClientSampleId :

Tot Ion:117 Resp: 207622

Ion Ratio Lower Upper

117 100

201 87.9 44.1 132.4



#91

1,2-Dichlorobenzene

Concen: 49.006 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

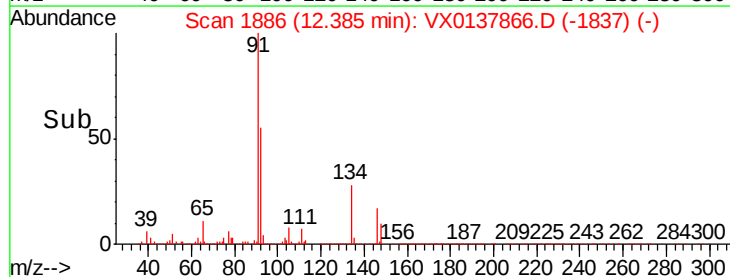
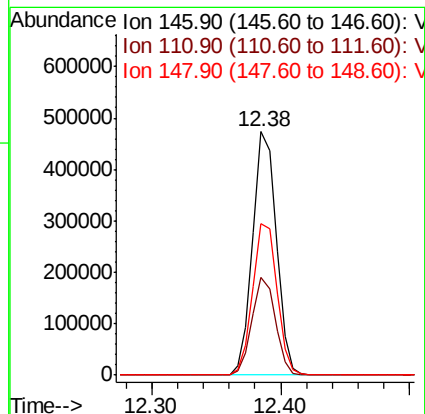
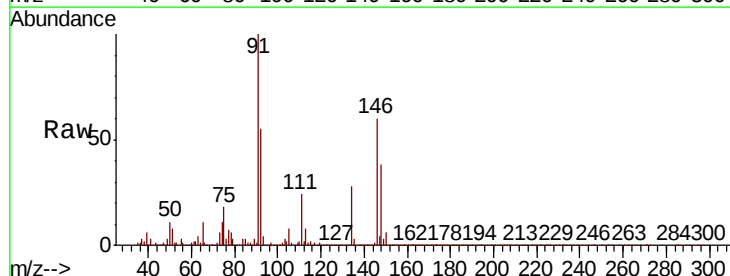
Tgt Ion:146 Resp: 597452

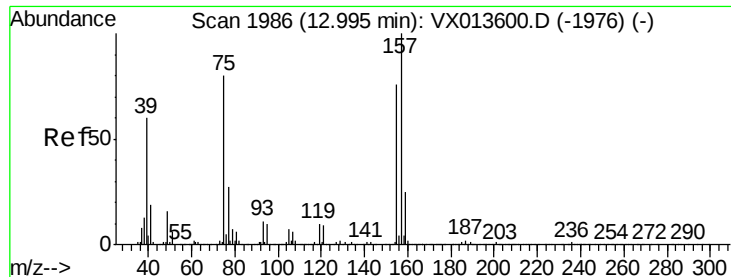
Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

148 63.9 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.640 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

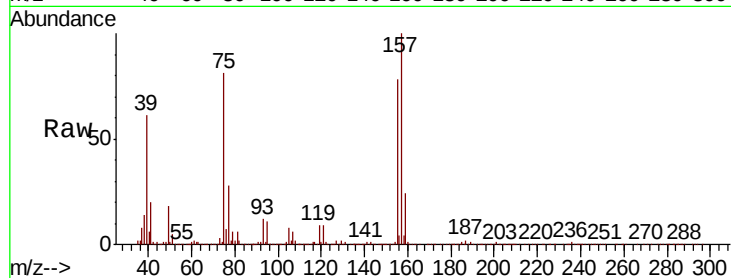
Tot Ion: 75 Resp: 102182

Ion Ratio Lower Upper

75 100

155 98.8 47.6 142.8

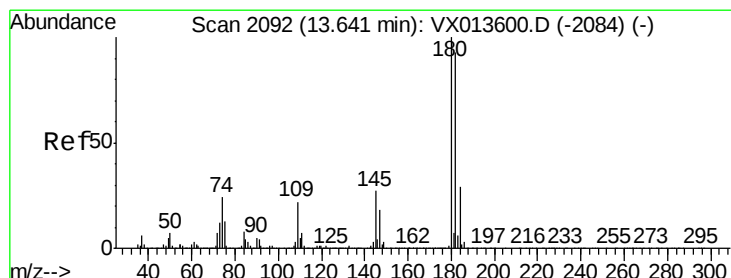
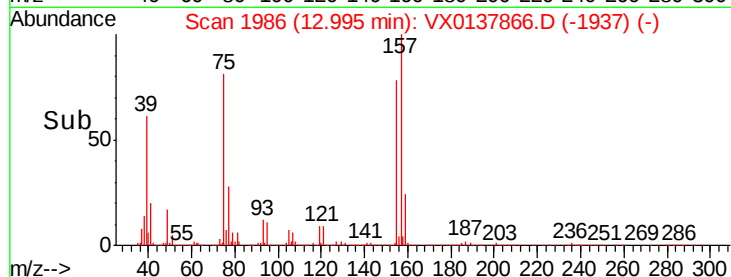
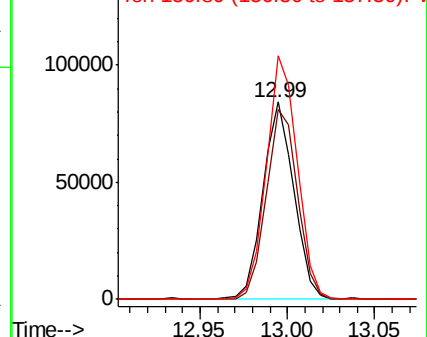
157 125.8 62.1 186.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 44.277 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

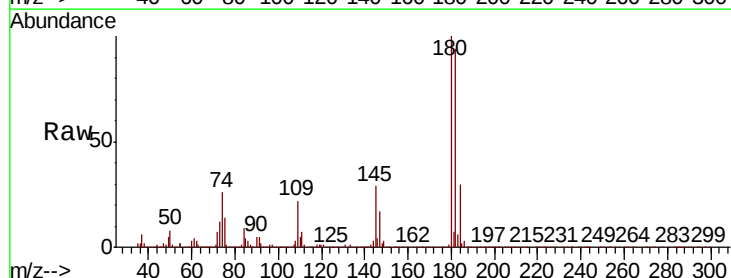
Tgt Ion:180 Resp: 376193

Ion Ratio Lower Upper

180 100

182 93.4 47.2 141.6

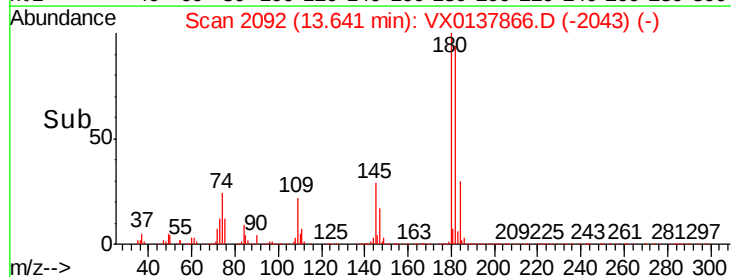
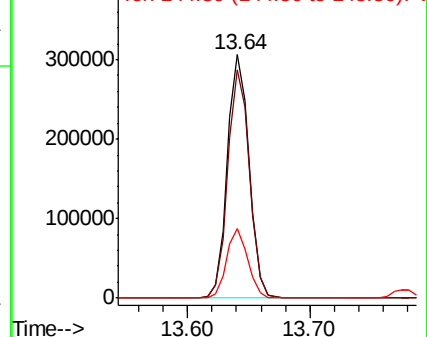
145 27.9 13.8 41.4

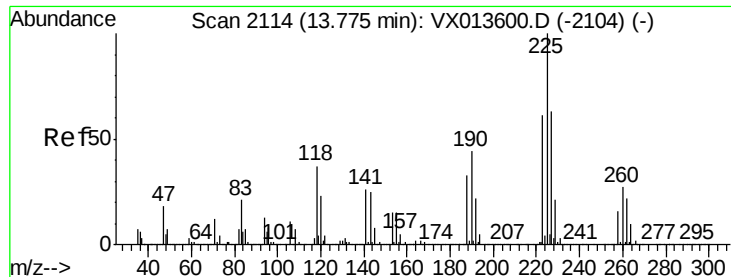


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 42.492 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

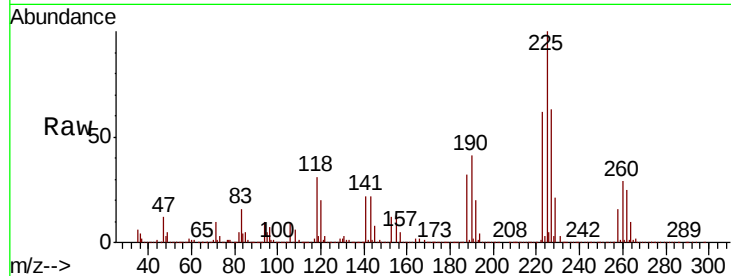
Tot Ion:225 Resp: 173433

Ion Ratio Lower Upper

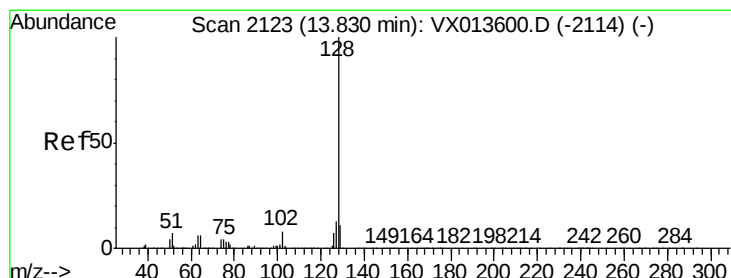
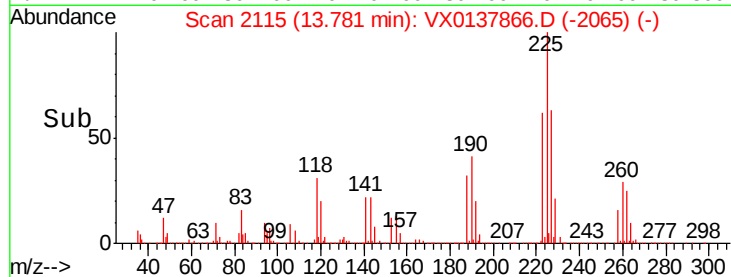
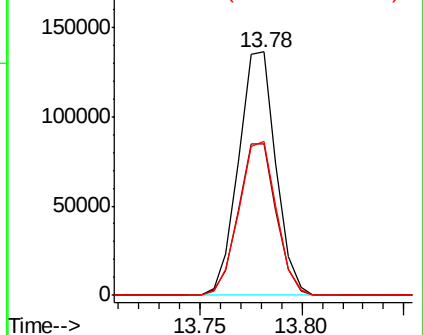
225 100

223 63.1 31.9 95.5

227 63.8 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.064 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX0137866.D

Acq: 09 Dec 2019 21:14

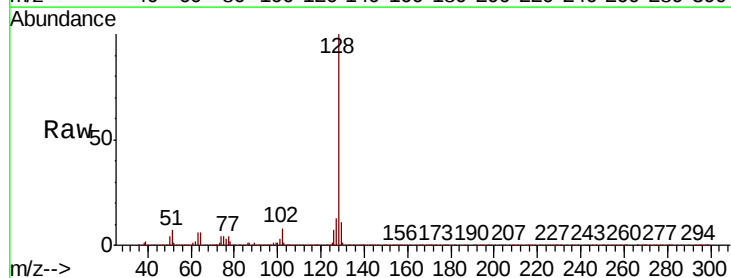
Tgt Ion:128 Resp: 1216148

Ion Ratio Lower Upper

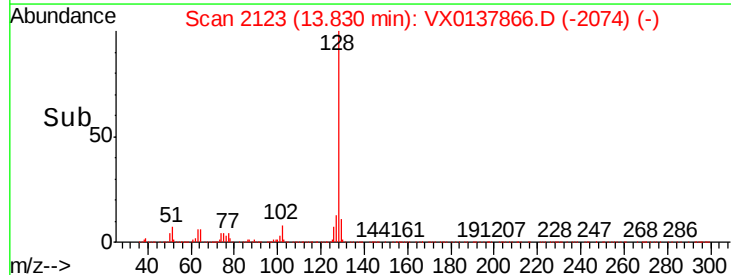
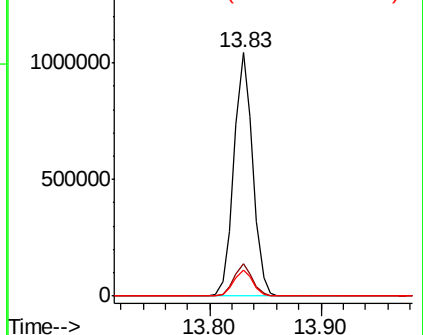
128 100

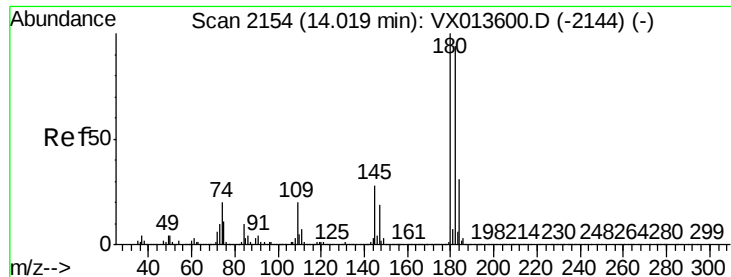
127 13.0 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 46.798 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VX0137866.D
 Acq: 09 Dec 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.8
145	29.9	15.0	45.0

