

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010504.D
 Acq On : 27 Jun 2019 22:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:53:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171573	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113439	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	5.50	113	111920	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
50) Toluene-d8	8.71	98	424307	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	154836	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	75172	44.490	ug/l	98
3) Chloromethane	1.32	50	88718	45.092	ug/l	98
4) Vinyl Chloride	1.41	62	96372	44.720	ug/l	99
5) Bromomethane	1.64	94	51948	49.480	ug/l	97
6) Chloroethane	1.71	64	62070	48.820	ug/l	99
7) Trichlorofluoromethane	1.92	101	169978	49.757	ug/l	98
8) Diethyl Ether	2.19	74	62315	50.866	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97339	47.019	ug/l	98
10) Methyl Iodide	2.51	142	146264	49.506	ug/l	99
11) Tert butyl alcohol	3.06	59	134433	225.460	ug/l	99
12) 1,1-Dichloroethene	2.37	96	100771	47.836	ug/l	99
13) Acrolein	2.29	56	76277	192.841	ug/l	97
14) Allyl chloride	2.73	41	144064	48.170	ug/l	98
15) Acrylonitrile	3.14	53	303180	256.817	ug/l	100
16) Acetone	2.45	43	253361	221.855	ug/l	99
17) Carbon Disulfide	2.57	76	230599	40.802	ug/l	100
18) Methyl Acetate	2.78	43	118035	51.858	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	334203	50.430	ug/l	99
20) Methylene Chloride	2.85	84	116014	49.364	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	105362	46.504	ug/l	99
22) Diisopropyl ether	3.85	45	313575	50.148	ug/l	98
23) Vinyl Acetate	3.81	43	1371289	253.855	ug/l	100
24) 1,1-Dichloroethane	3.70	63	179542	49.674	ug/l	99
25) 2-Butanone	4.67	43	417697	249.343	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124121	39.531	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	130802	49.960	ug/l	98
28) Bromochloromethane	5.01	49	87235	50.480	ug/l	99
29) Tetrahydrofuran	5.13	42	264958	255.351	ug/l	100
30) Chloroform	5.21	83	195685	50.319	ug/l	98
31) Cyclohexane	5.58	56	155343	47.196	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	170677	49.704	ug/l	99
36) 1,1-Dichloropropene	5.80	75	137297	47.720	ug/l	99
37) Ethyl Acetate	4.83	43	153874	51.987	ug/l	99
38) Carbon Tetrachloride	5.79	117	153663	49.321	ug/l	97

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Quant Time: Jun 28 06:53:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172417	45.590	ug/l	99
40) Benzene	6.14	78	447957	49.975	ug/l	100
41) Methacrylonitrile	5.04	41	84388	51.962	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141549	51.877	ug/l	99
43) Isopropyl Acetate	6.45	43	254383	51.946	ug/l	99
44) Trichloroethene	7.21	130	133779	49.877	ug/l	96
45) 1,2-Dichloropropane	7.51	63	113414	50.104	ug/l	98
46) Dibromomethane	7.66	93	81778	50.354	ug/l	99
47) Bromodichloromethane	7.90	83	148970	50.052	ug/l	100
48) Methyl methacrylate	7.77	41	119211	52.372	ug/l	99
49) 1,4-Dioxane	7.74	88	67849	1034.721	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	839029	267.891	ug/l	99
52) Toluene	8.78	92	293943	49.797	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160147	47.994	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	177140	48.850	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	123421	50.697	ug/l	99
56) Ethyl methacrylate	9.18	69	190515	51.659	ug/l	98
57) 1,3-Dichloropropane	9.37	76	192754	51.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	427482	244.068	ug/l	100
59) 2-Hexanone	9.49	43	637878	258.776	ug/l	99
60) Dibromochloromethane	9.58	129	136771	50.176	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133373	50.756	ug/l	99
64) Tetrachloroethene	9.34	164	136742	50.669	ug/l	98
65) Chlorobenzene	10.14	112	336928	49.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	125811	50.989	ug/l	99
67) Ethyl Benzene	10.25	91	573237	50.126	ug/l	99
68) m/p-Xylenes	10.36	106	442854	99.942	ug/l	100
69) o-Xylene	10.69	106	218222	50.079	ug/l	100
70) Styrene	10.71	104	377322	51.632	ug/l	100
71) Bromoform	10.85	173	107111	49.918	ug/l	99
73) Isopropylbenzene	11.02	105	581674	50.013	ug/l	99
74) N-amyl acetate	10.90	43	228685	52.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193532	50.246	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	214058	68.465	ug/l	80
77) Bromobenzene	11.26	156	163417	50.320	ug/l	98
78) n-propylbenzene	11.36	91	640706	50.124	ug/l	100
79) 2-Chlorotoluene	11.42	91	378487	49.725	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	484024	50.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58692	43.794	ug/l	97
82) 4-Chlorotoluene	11.51	91	434631	50.181	ug/l	99
83) tert-Butylbenzene	11.77	119	474424	49.299	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	486327	50.486	ug/l	100
85) sec-Butylbenzene	11.94	105	566674	50.152	ug/l	100
86) p-Isopropyltoluene	12.06	119	523762	50.115	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	282400	49.816	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	281156	48.717	ug/l	100
89) n-Butylbenzene	12.38	91	436867	49.191	ug/l	99
90) Hexachloroethane	12.59	117	87029	48.158	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	277546	49.262	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40964	49.327	ug/l	95

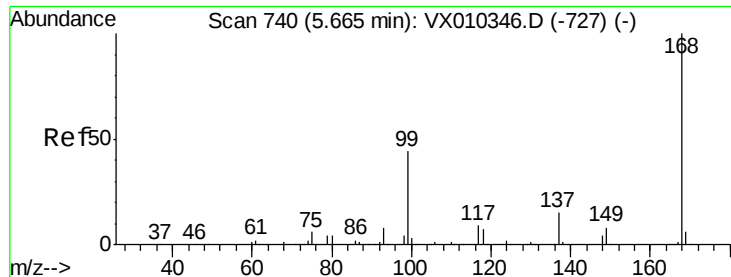
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	196808	50.371	ug/l	98
94) Hexachlorobutadiene	13.78	225	93049	48.728	ug/l	99
95) Naphthalene	13.83	128	621474	51.759	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	197654	50.880	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

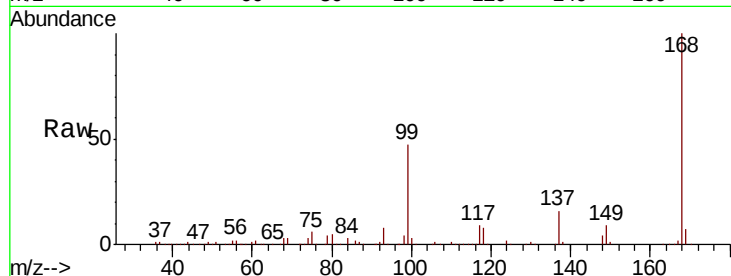
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 243035

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

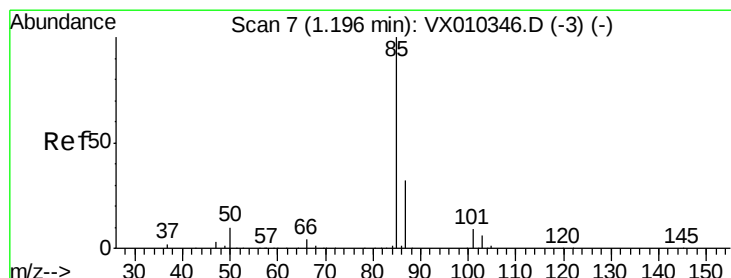
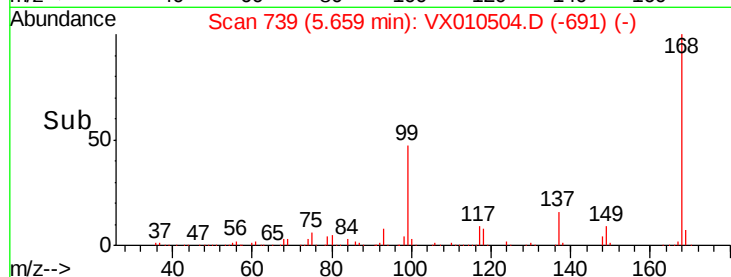
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.490 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010504.D

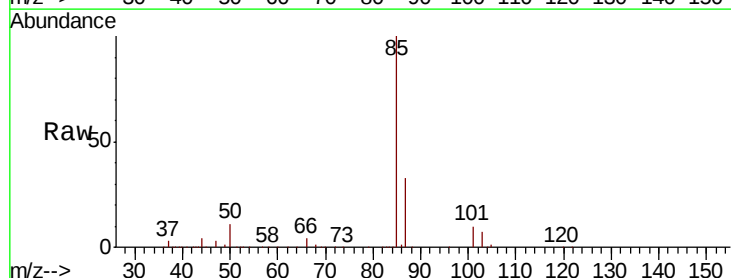
Acq: 27 Jun 2019 22:43

Tgt Ion: 85 Resp: 75172

Ion Ratio Lower Upper

85 100

87 33.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

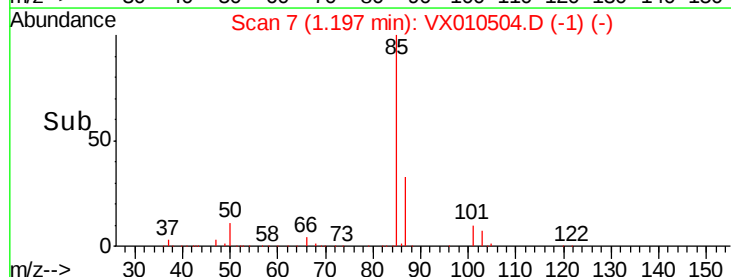
40000

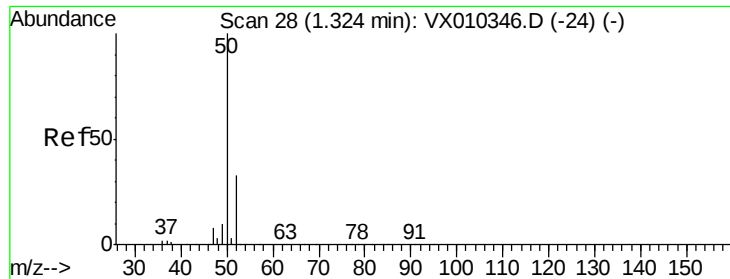
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.092 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

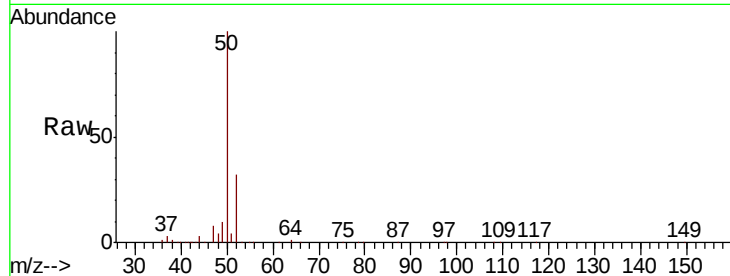
ClientSampleId :

Tot Ion: 50 Resp: 88718

Ion Ratio Lower Upper

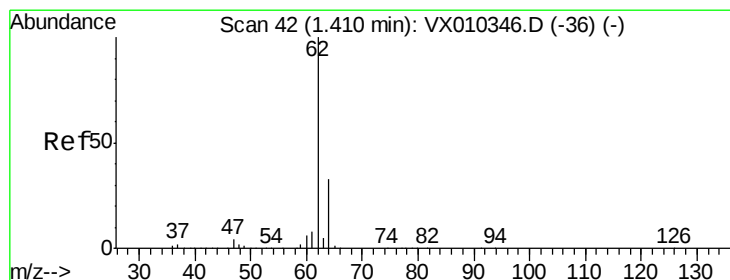
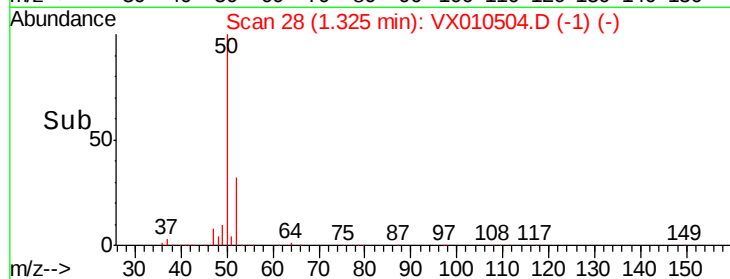
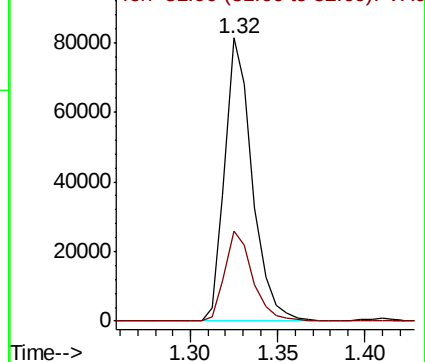
50 100

52 31.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.720 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010504.D

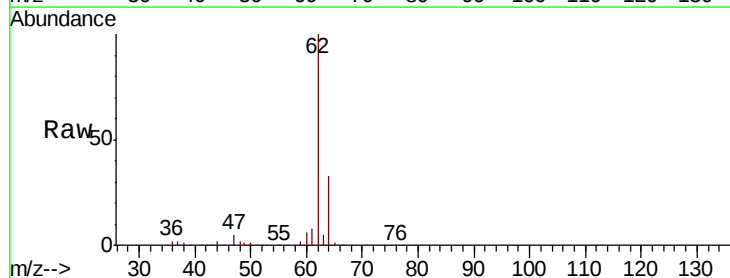
Acq: 27 Jun 2019 22:43

Tgt Ion: 62 Resp: 96372

Ion Ratio Lower Upper

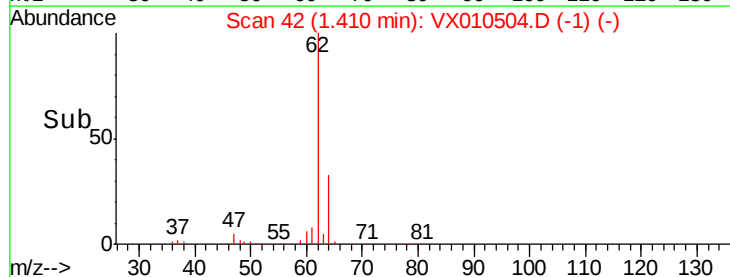
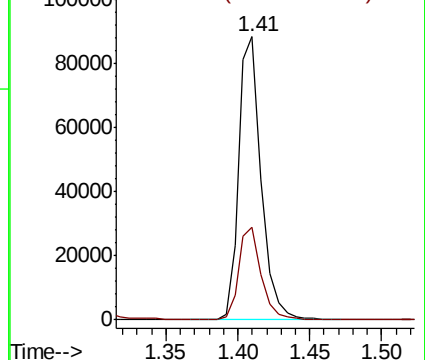
62 100

64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.480 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

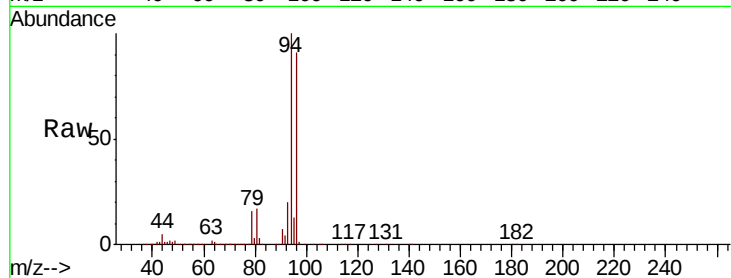
ClientSampleId :

Tot Ion: 94 Resp: 51948

Ion Ratio Lower Upper

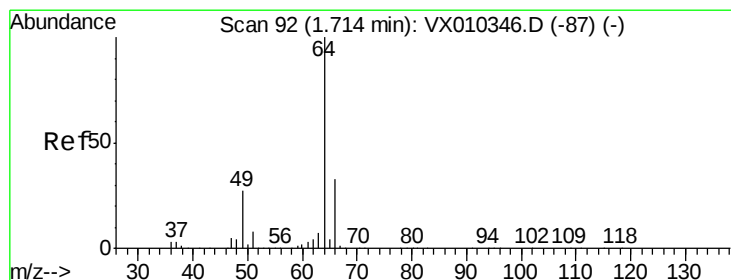
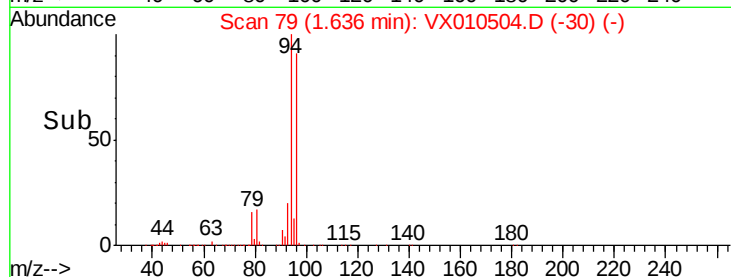
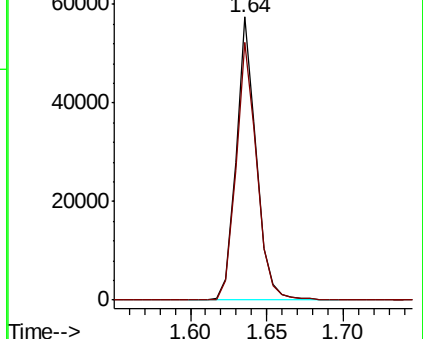
94 100

96 91.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.820 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010504.D

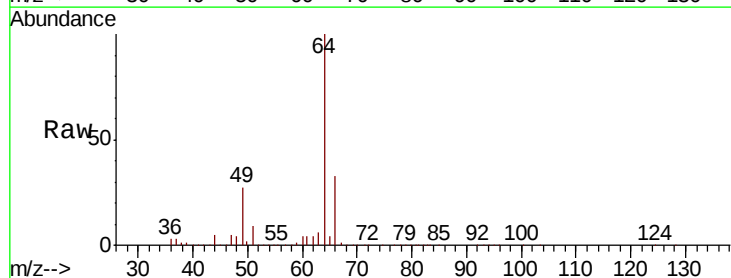
Acq: 27 Jun 2019 22:43

Tgt Ion: 64 Resp: 62070

Ion Ratio Lower Upper

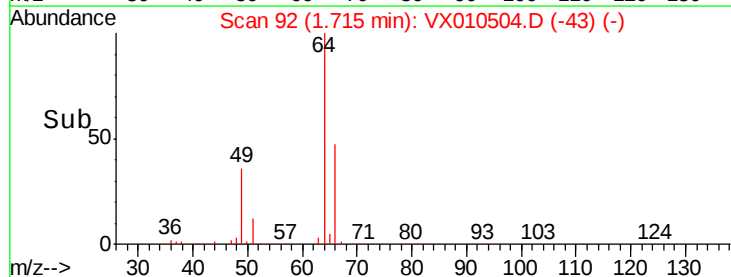
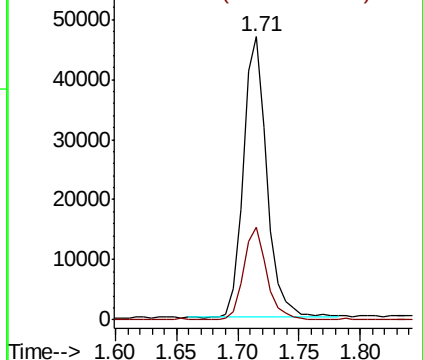
64 100

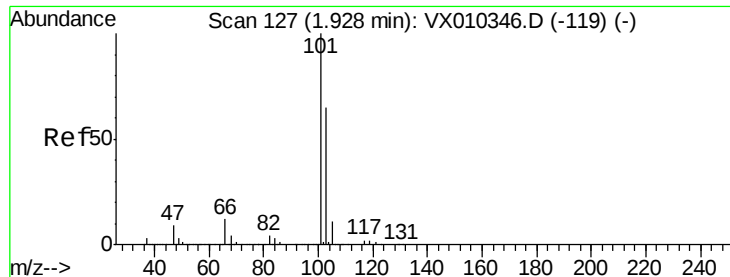
66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



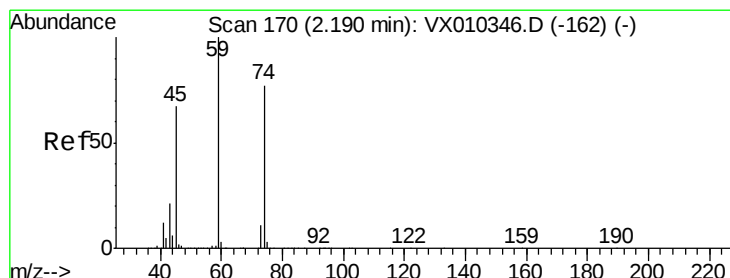
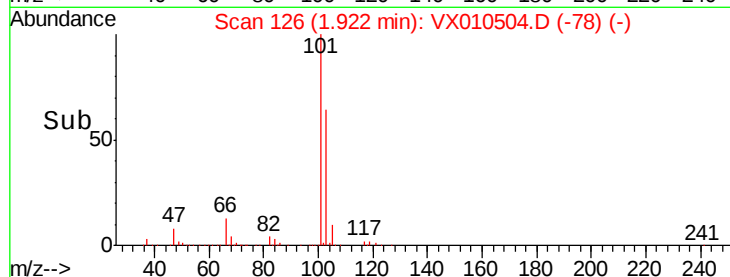
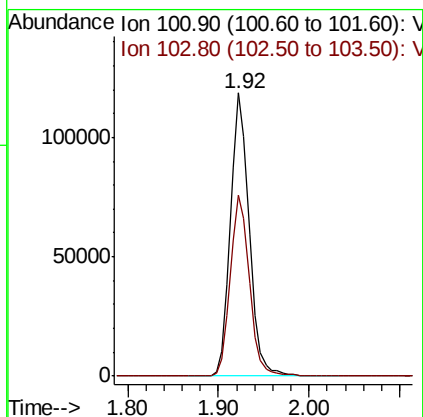
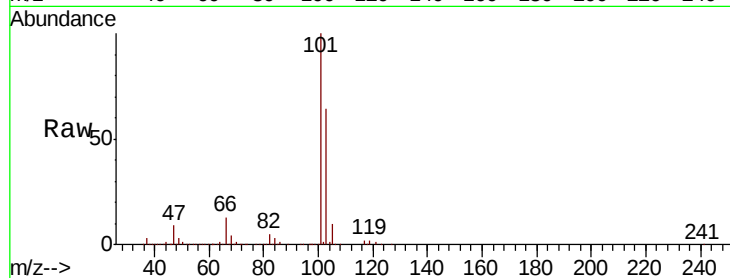


#7

Trichlorofluoromethane
Concen: 49.757 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :

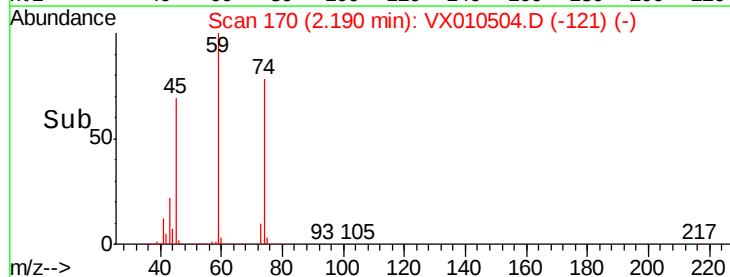
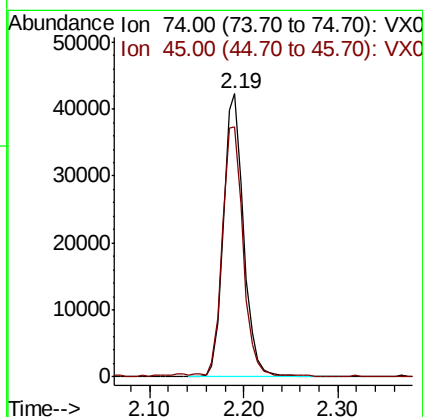
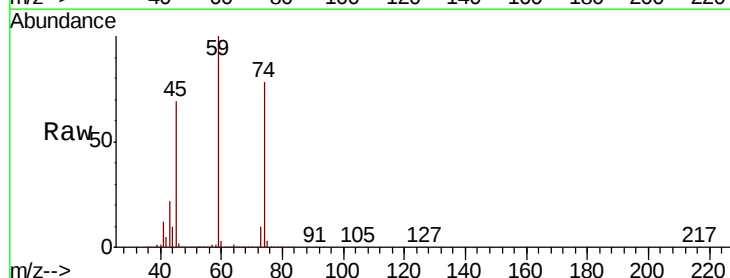
Tot Ion:101 Resp: 169978
Ion Ratio Lower Upper
101 100
103 63.9 52.3 78.5



#8

Diethyl Ether
Concen: 50.866 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 74 Resp: 62315
Ion Ratio Lower Upper
74 100
45 89.9 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.019 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

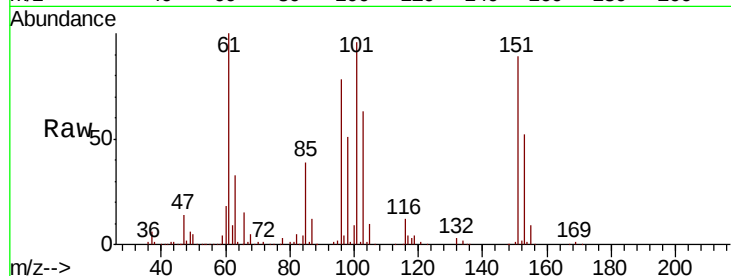
Tot Ion:101 Resp: 97339

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

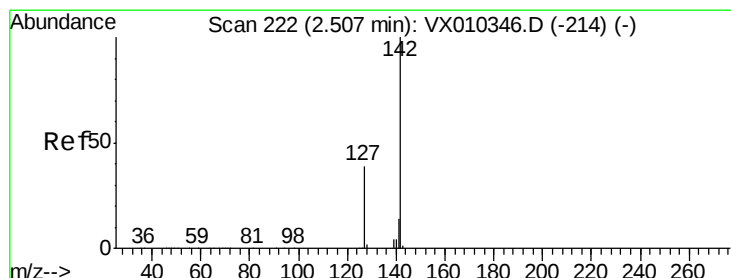
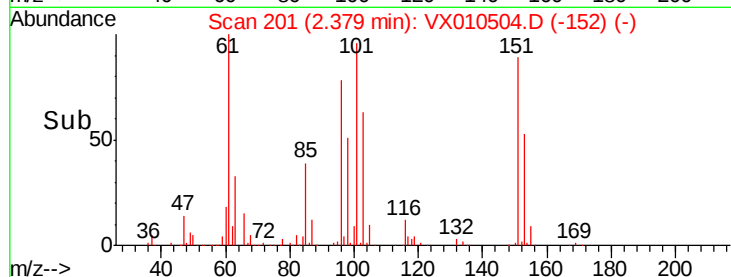
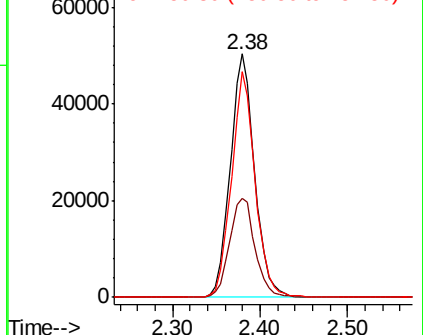
151 90.1 70.1 105.1



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: 49.506 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

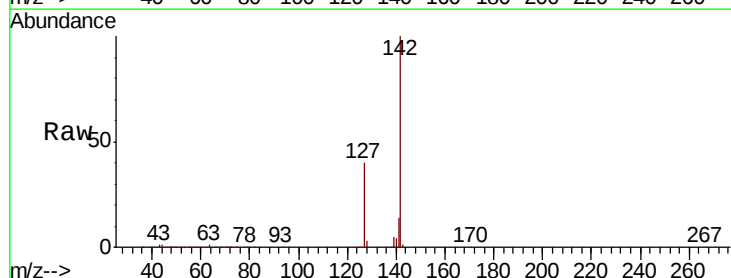
Tgt Ion:142 Resp: 146264

Ion Ratio Lower Upper

142 100

127 39.8 31.1 46.7

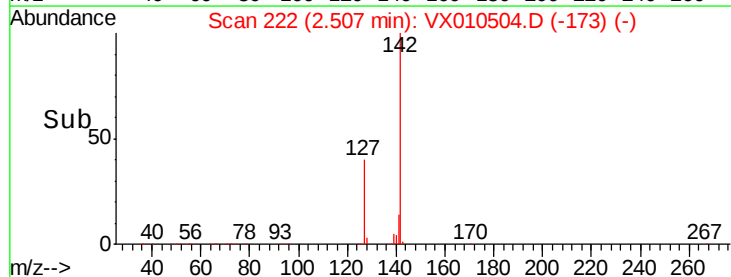
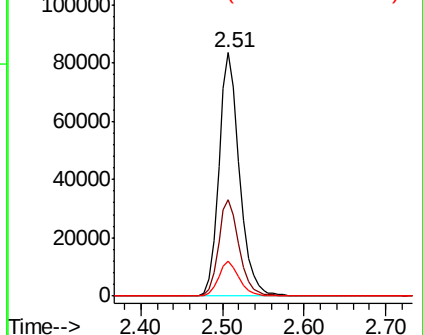
141 14.4 11.2 16.8

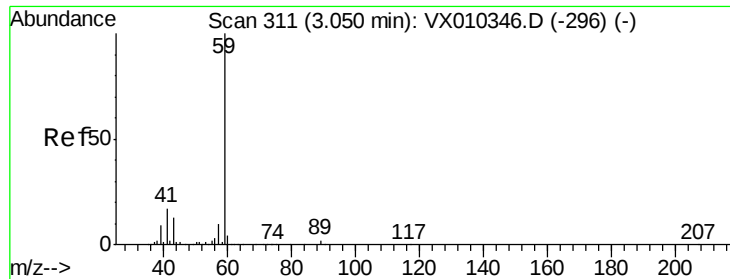


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



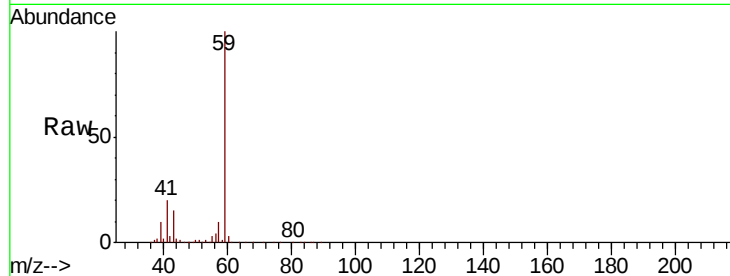


#11

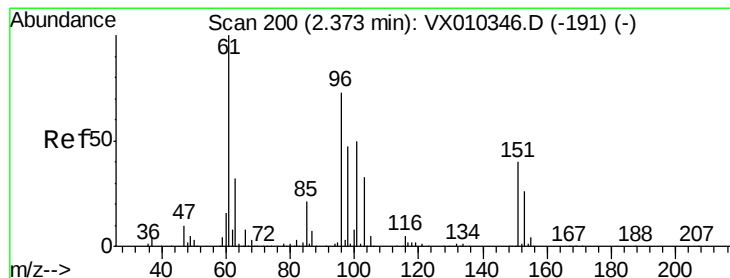
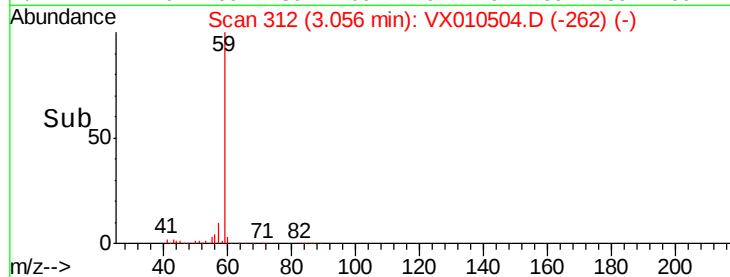
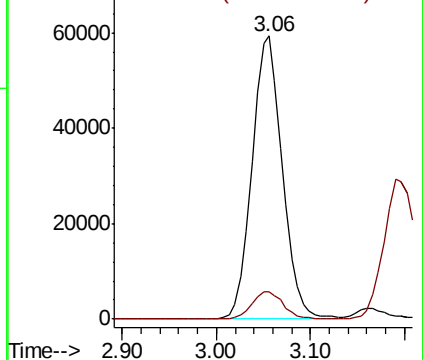
Tert butyl alcohol
Concen: 225.460 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 134433
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



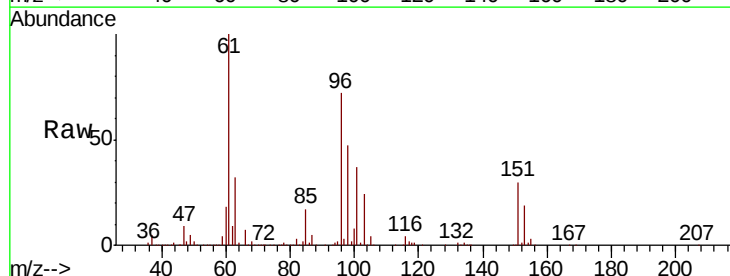
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



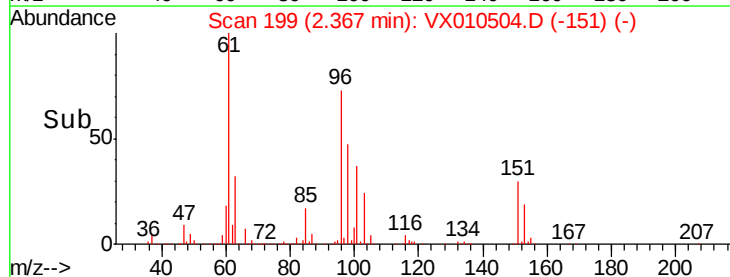
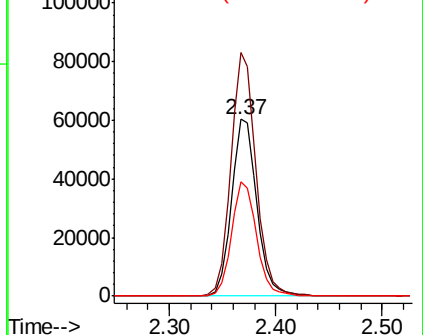
#12

1,1-Dichloroethene
Concen: 47.836 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 96 Resp: 100771
Ion Ratio Lower Upper
96 100
61 137.8 109.2 163.8
98 64.7 51.1 76.7



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





#13

Acrolein

Concen: 192.841 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

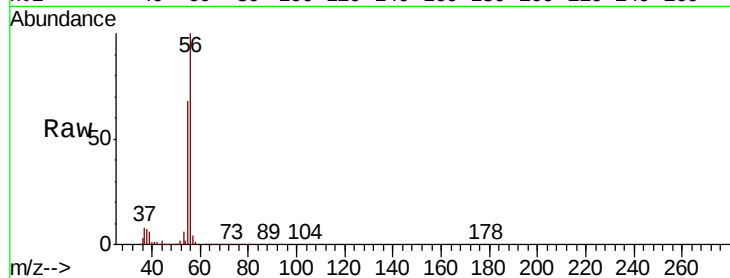
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 76277

Ion Ratio Lower Upper

56 100

55 68.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

50000

40000

30000

20000

10000

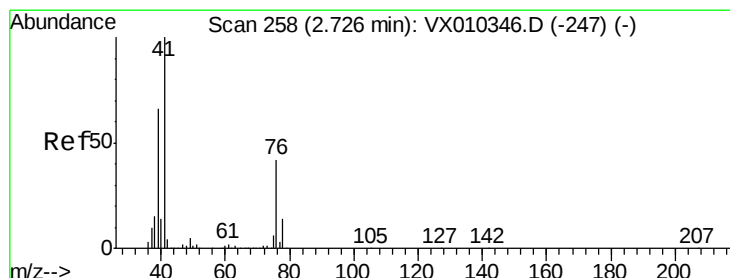
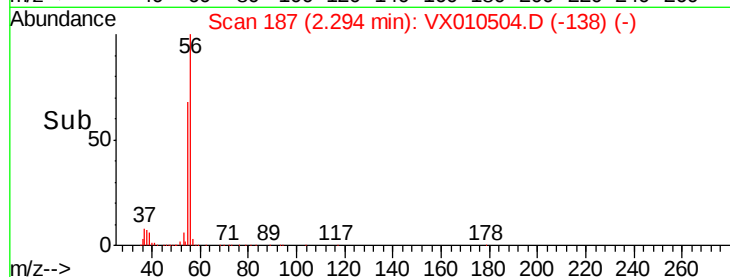
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 48.170 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

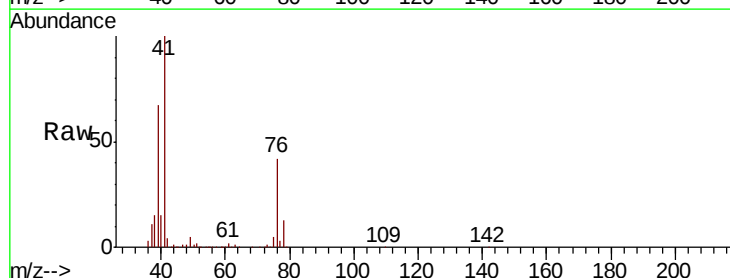
Tgt Ion: 41 Resp: 144064

Ion Ratio Lower Upper

41 100

39 63.8 50.3 75.5

76 37.8 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

40000

20000

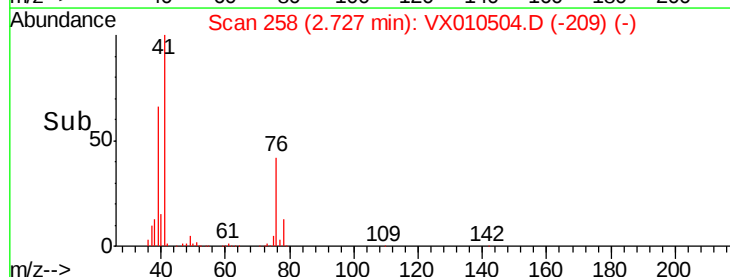
0

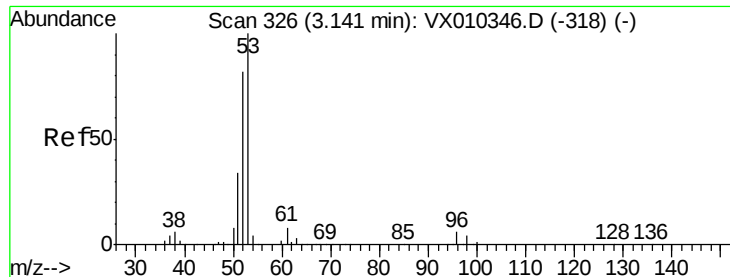
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 256.817 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

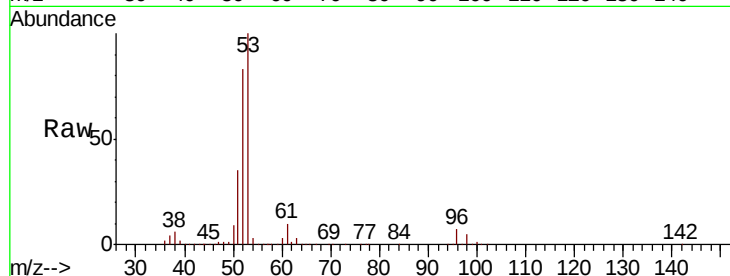
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 303180

Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.5	98.3
51	35.2	28.2	42.4

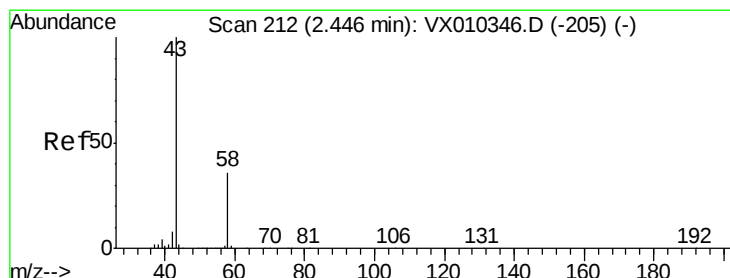
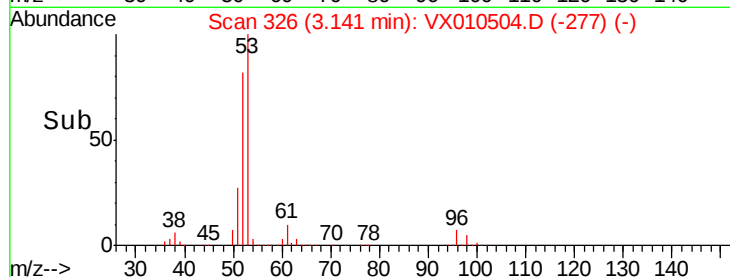


Abundance

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: 221.855 ug/l

RT: 2.45 min Scan# 212

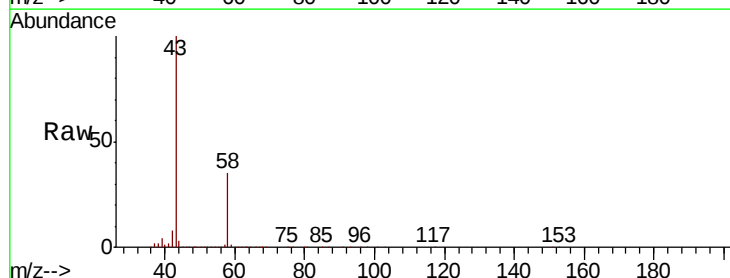
Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Tgt Ion: 43 Resp: 253361

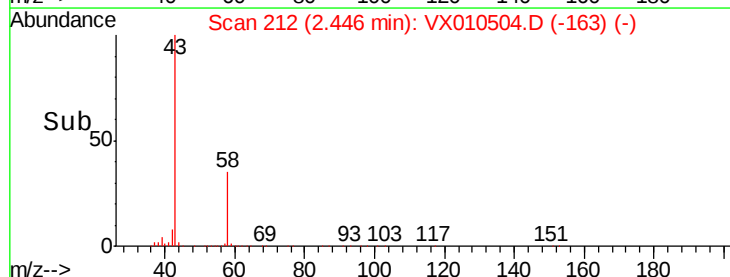
Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.9	43.3

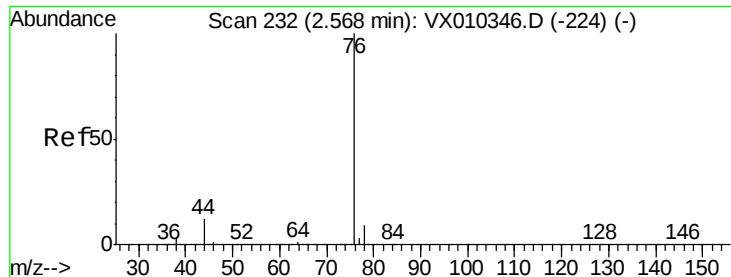


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

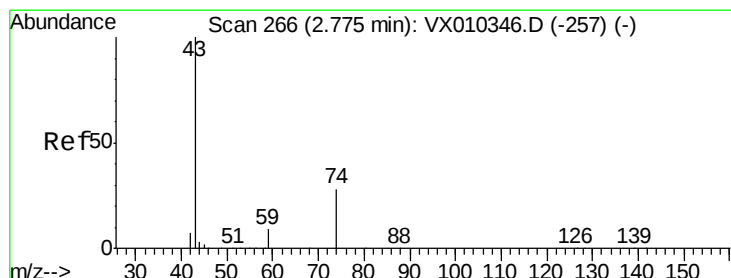
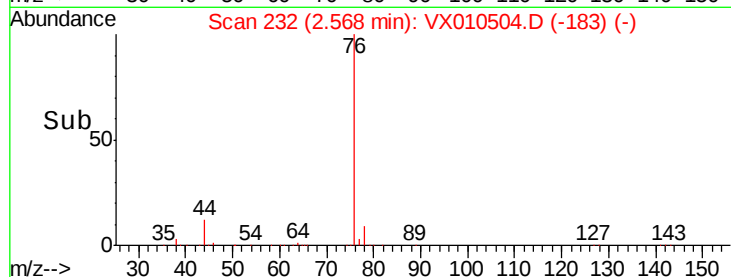
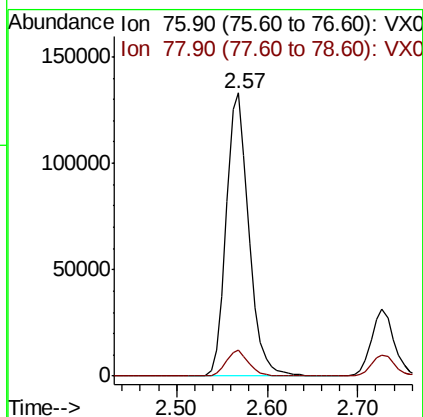
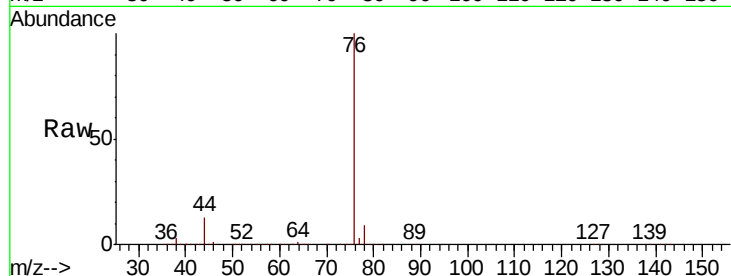




#17
Carbon Disulfide
Concen: 40.802 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

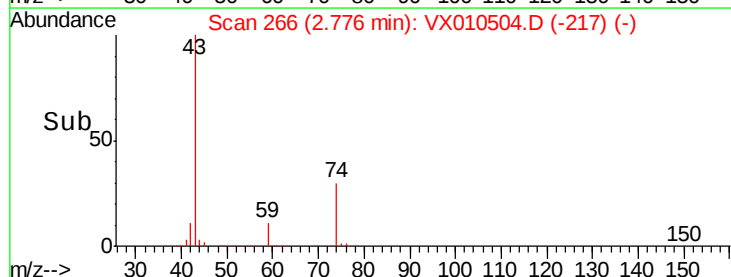
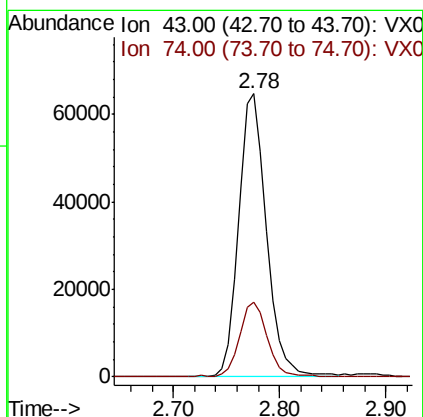
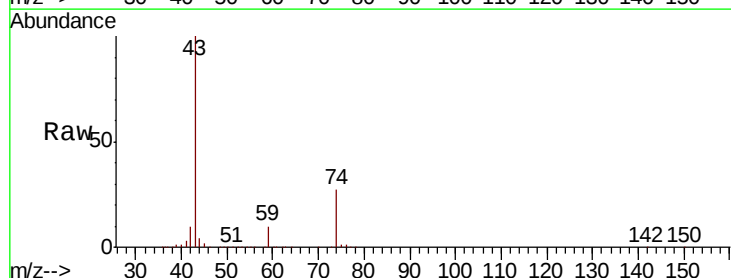
Instrument :
MSVOA_X
ClientSampled :

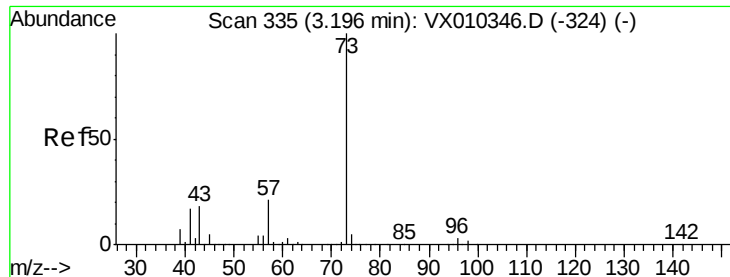
Tot Ion: 76 Resp: 230599
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 51.858 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 43 Resp: 118035
Ion Ratio Lower Upper
43 100
74 27.0 21.3 31.9



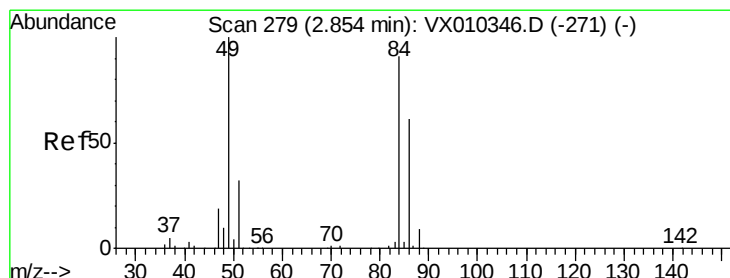
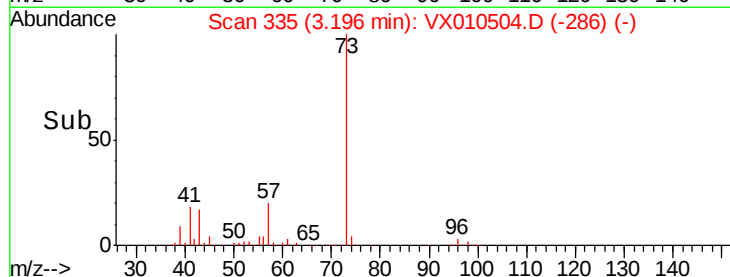
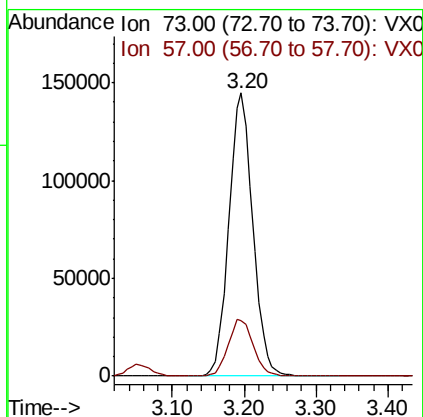
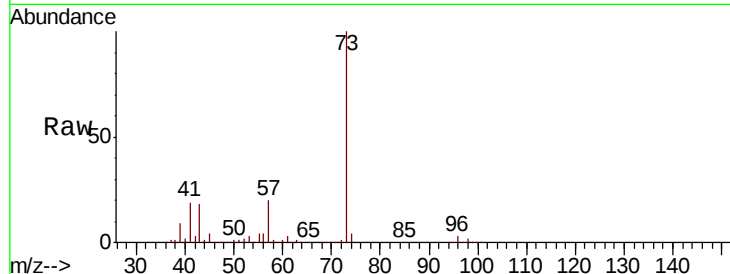


#19

Methyl tert-butyl Ether
 Concen: 50.430 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Instrument :
 MSVOA_X
 ClientSampleId :

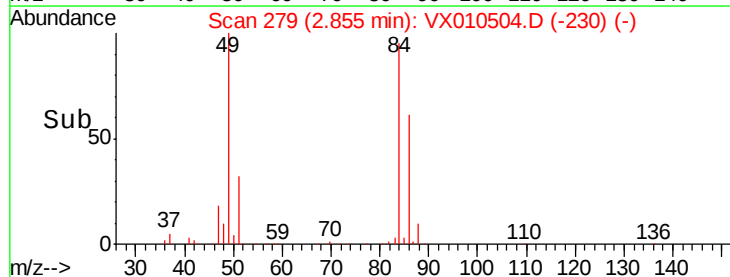
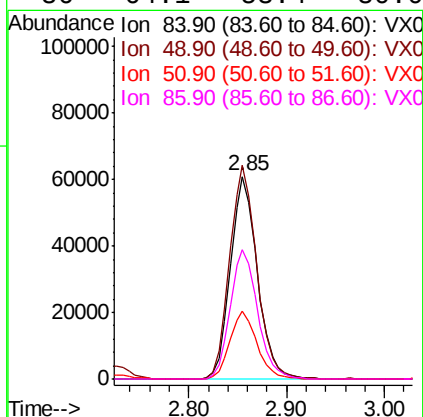
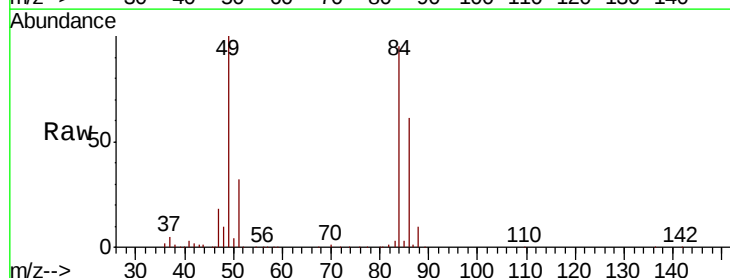
Tot Ion: 73 Resp: 334203
 Ion Ratio Lower Upper
 73 100
 57 19.8 16.4 24.6



#20

Methylene Chloride
 Concen: 49.364 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Tgt Ion: 84 Resp: 116014
 Ion Ratio Lower Upper
 84 100
 49 105.4 87.5 131.3
 51 33.4 27.7 41.5
 86 64.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.504 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

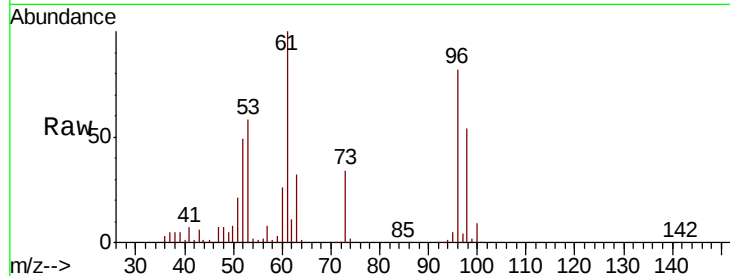
Tot Ion: 96 Resp: 105362

Ion Ratio Lower Upper

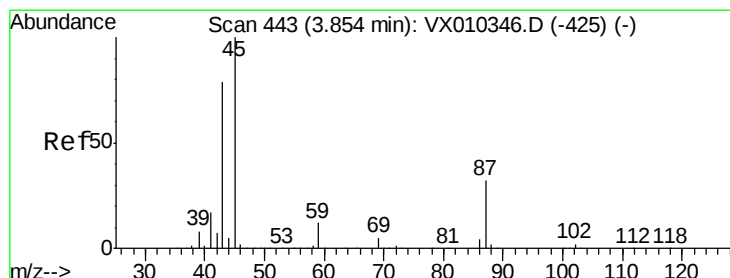
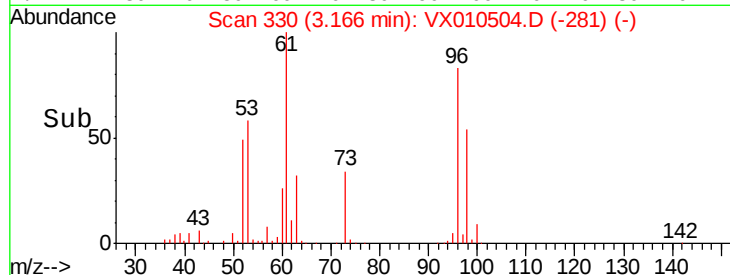
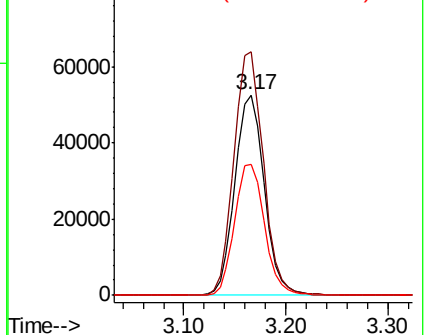
96 100

61 121.3 95.6 143.4

98 65.2 52.5 78.7



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



#22

Diisopropyl ether

Concen: 50.148 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Tgt Ion: 45 Resp: 313575

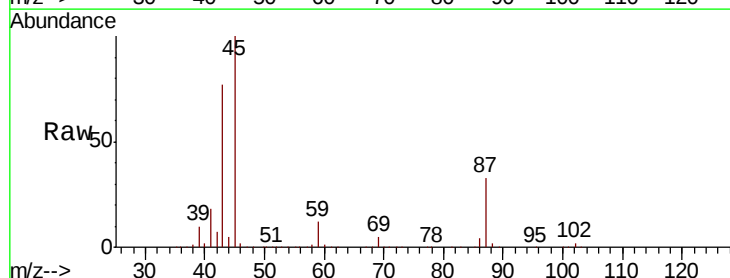
Ion Ratio Lower Upper

45 100

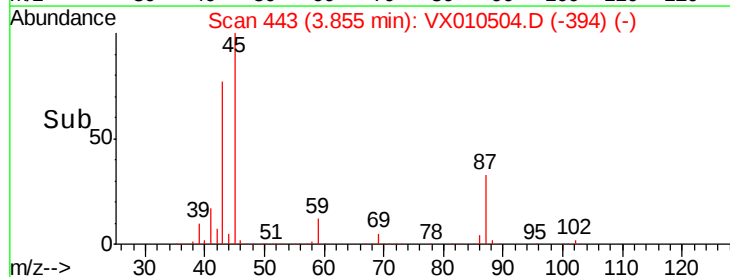
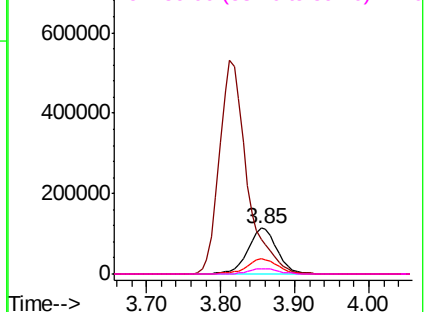
43 76.7 63.3 94.9

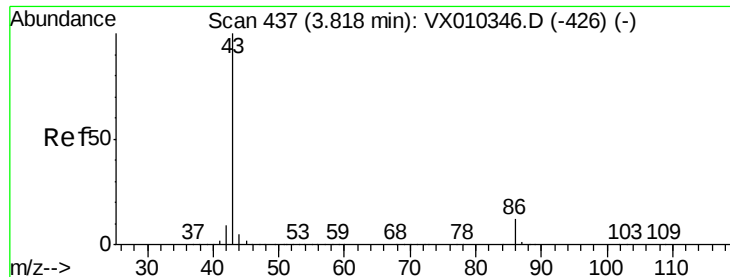
87 33.0 25.8 38.8

59 12.2 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.855 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

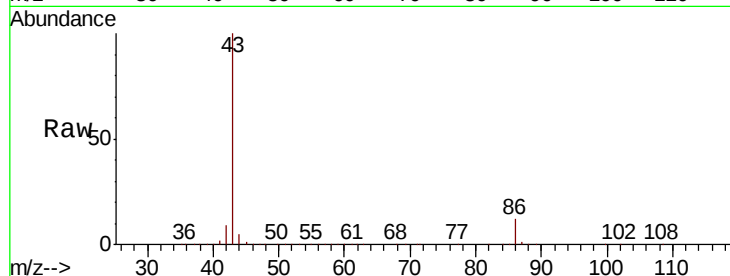
ClientSampleId :

Tot Ion: 43 Resp: 1371289

Ion Ratio Lower Upper

43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

500000

400000

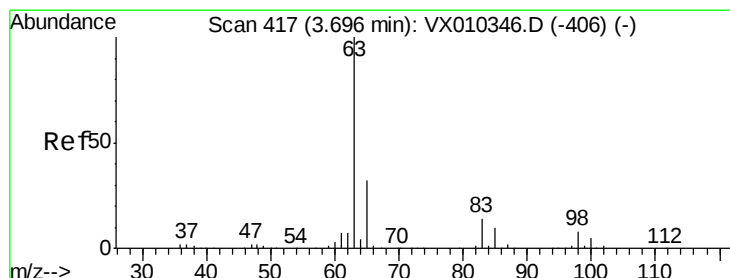
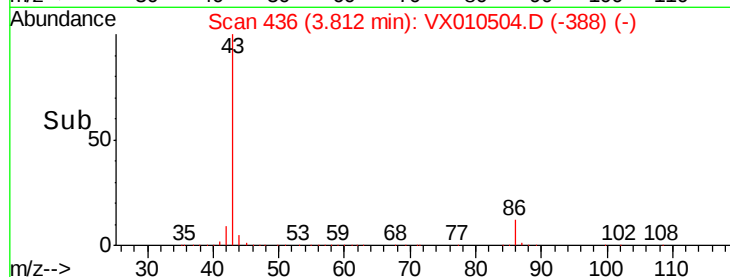
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.674 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

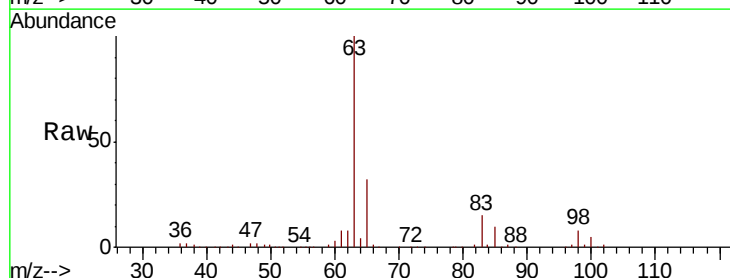
Tgt Ion: 63 Resp: 179542

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 5.2 2.4 7.1



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

100000

80000

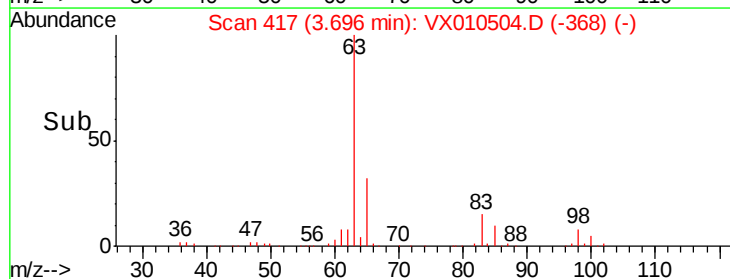
60000

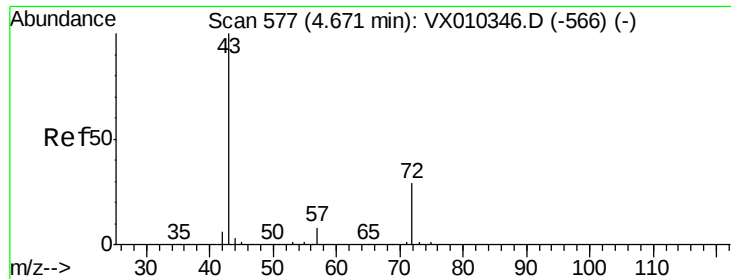
40000

20000

0

Time-->





#25

2-Butanone

Concen: 249.343 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

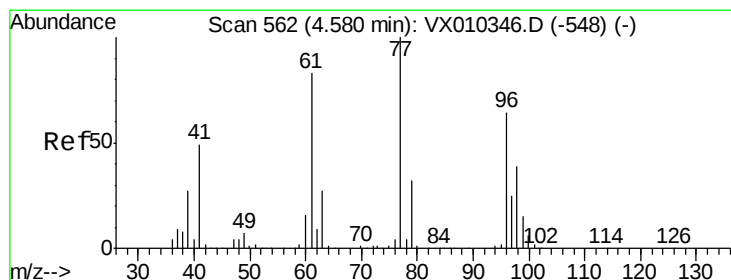
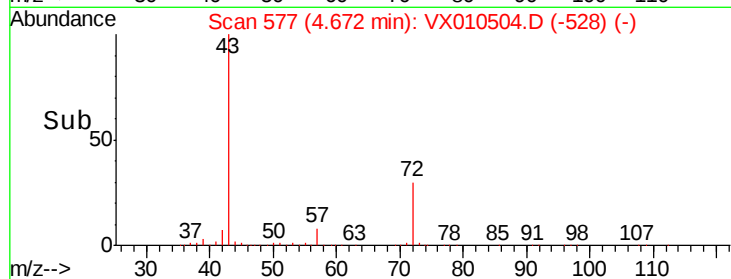
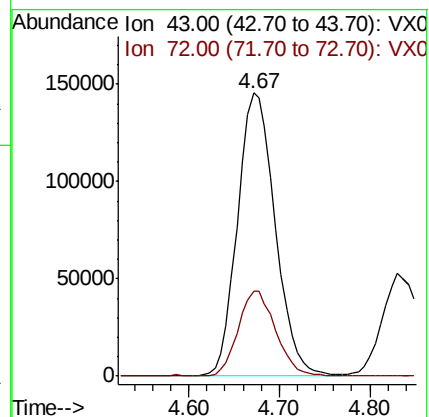
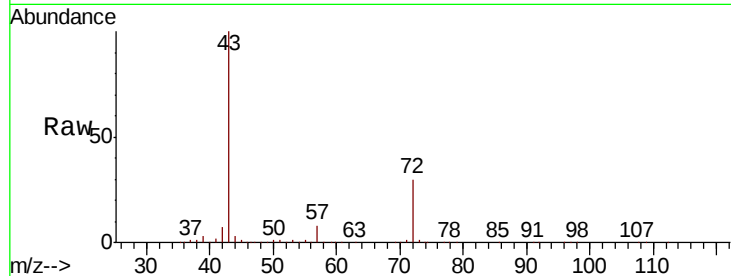
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 417697

Ion Ratio Lower Upper

43 100

72 29.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 39.531 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010504.D

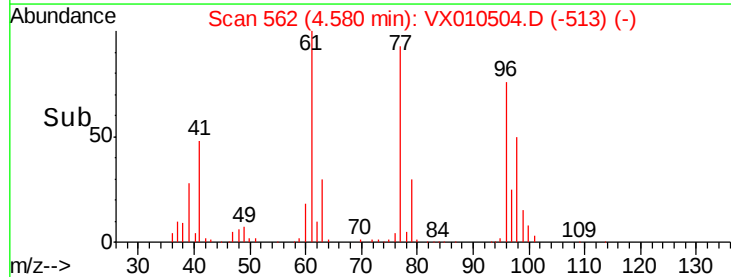
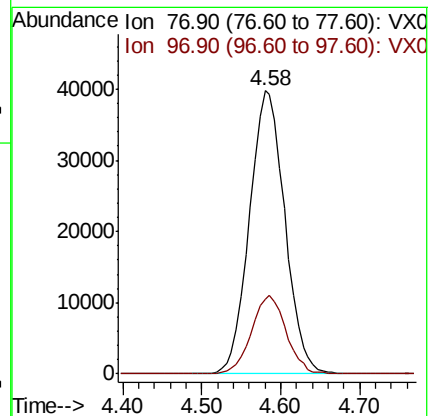
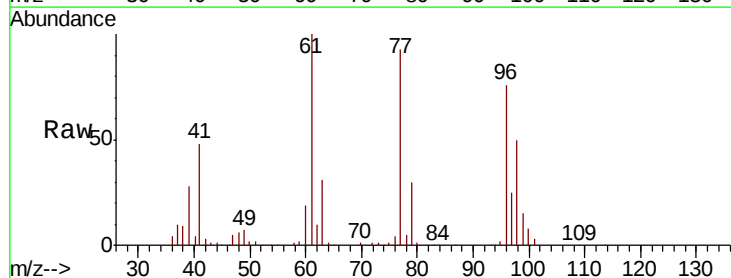
Acq: 27 Jun 2019 22:43

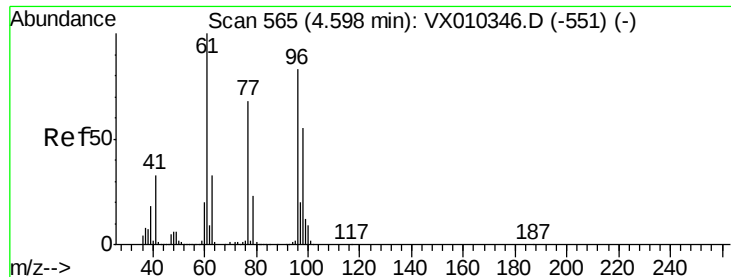
Tgt Ion: 77 Resp: 124121

Ion Ratio Lower Upper

77 100

97 27.3 13.1 39.3



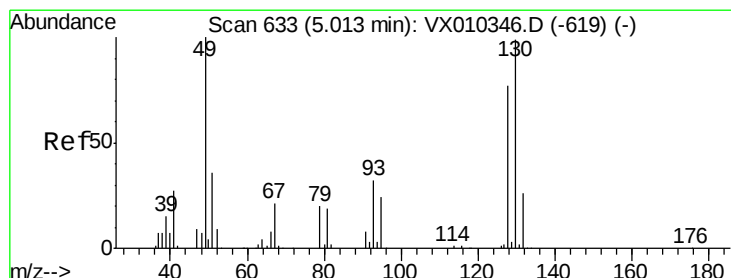
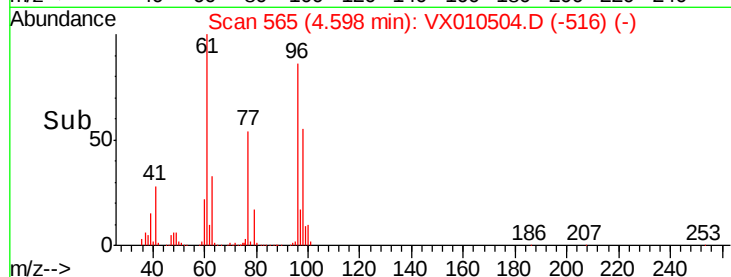
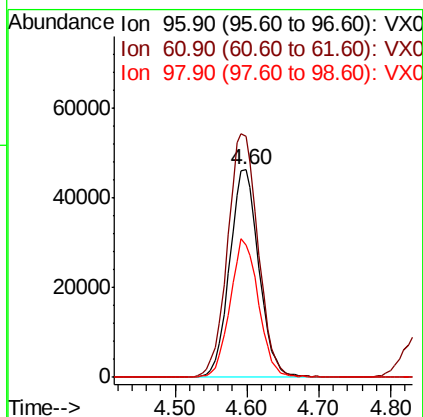
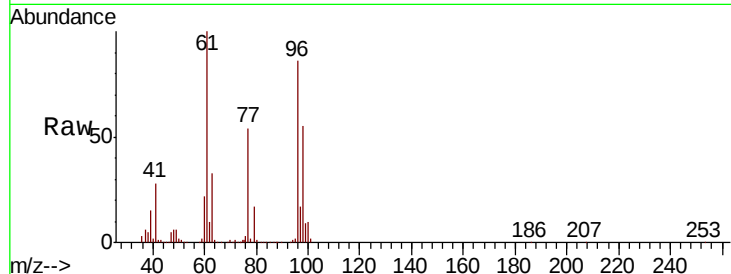


#27

cis-1,2-Dichloroethene
Concen: 49.960 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :

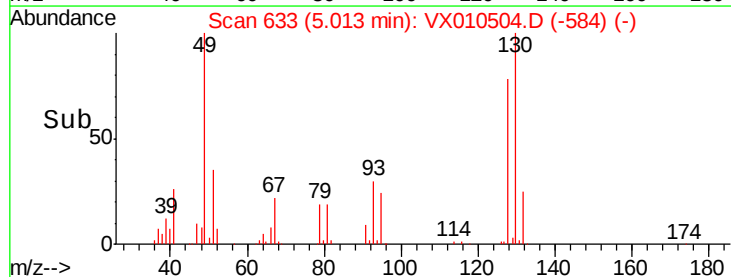
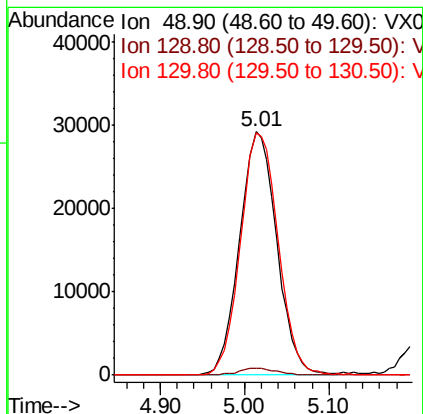
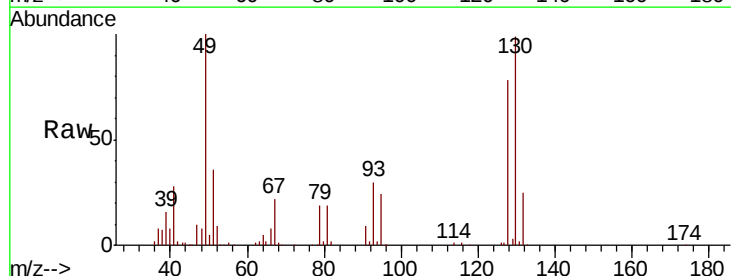
Tot Ion	Ratio	Lower	Upper
96	100		
61	122.5	0.0	251.8
98	64.9	0.0	129.4

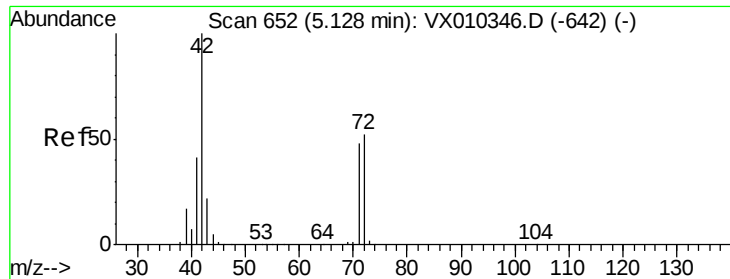


#28

Bromochloromethane
Concen: 50.480 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	101.1	81.4	122.0

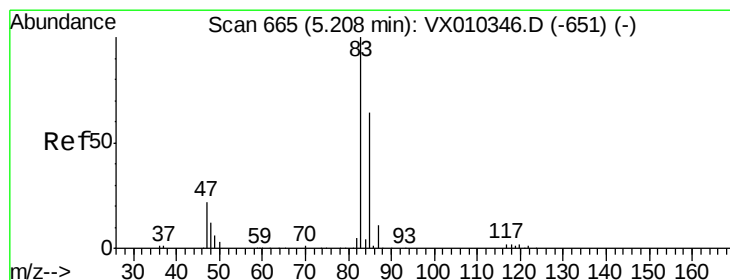
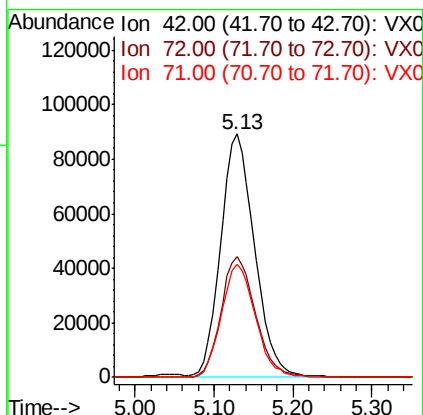
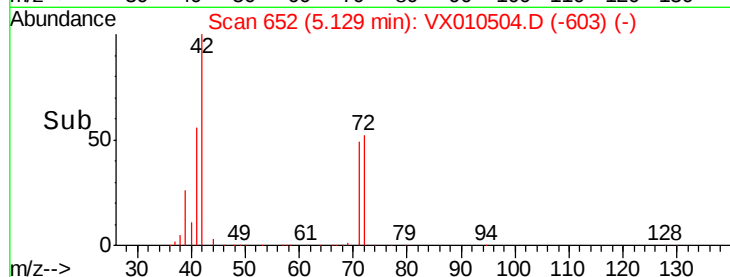
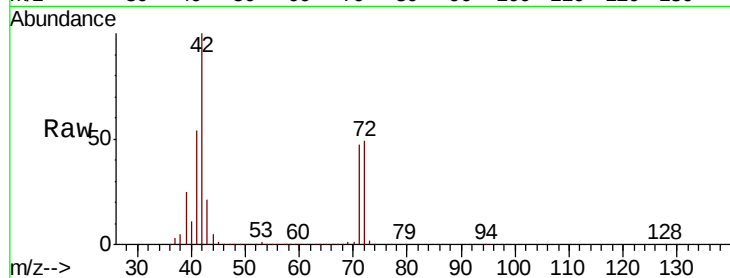




#29
Tetrahydrofuran
Concen: 255.351 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

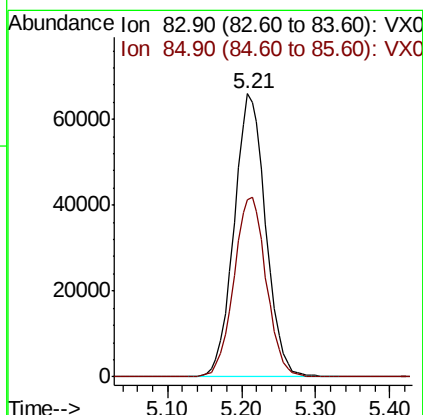
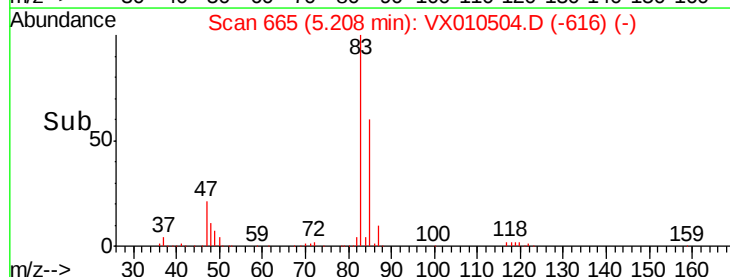
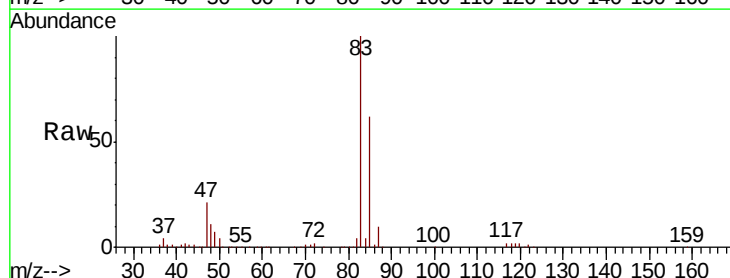
Instrument :
MSVOA_X
ClientSampled :

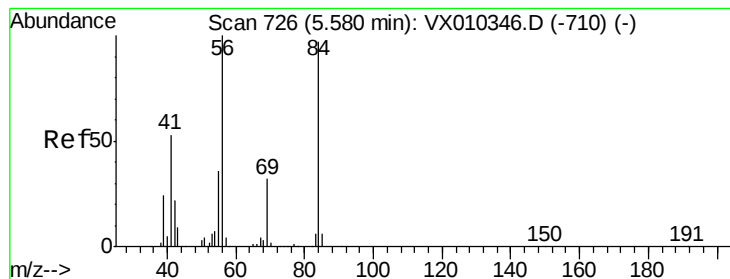
Tot Ion: 42 Resp: 264958
Ion Ratio Lower Upper
42 100
72 50.9 40.6 60.8
71 47.0 37.8 56.8



#30
Chloroform
Concen: 50.319 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 83 Resp: 195685
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3





#31

Cyclohexane

Concen: 47.196 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

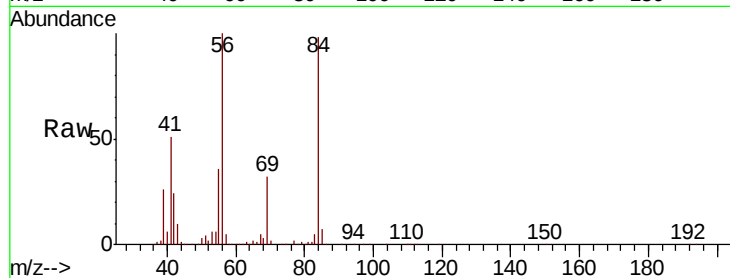
Tot Ion: 56 Resp: 155343

Ion Ratio Lower Upper

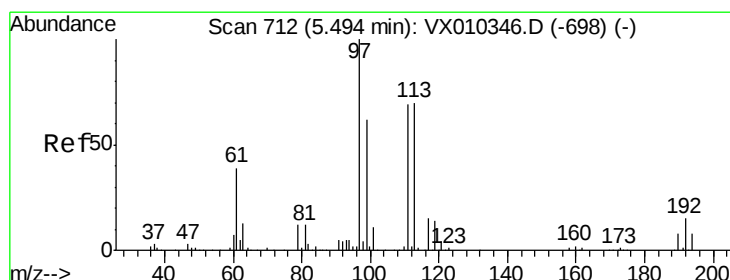
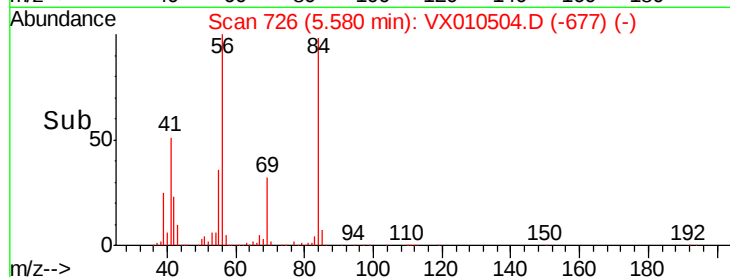
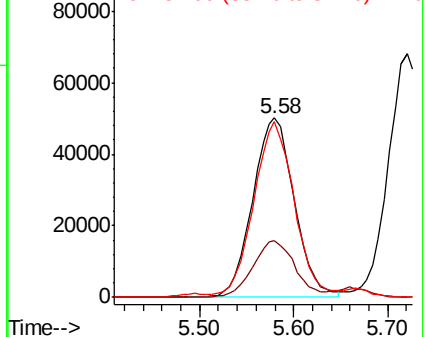
56 100

69 31.8 25.9 38.9

84 96.3 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.704 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

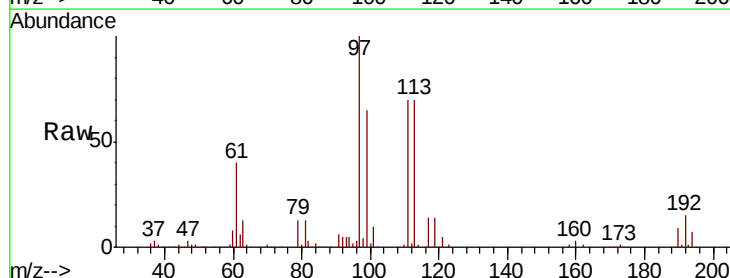
Tgt Ion: 97 Resp: 170677

Ion Ratio Lower Upper

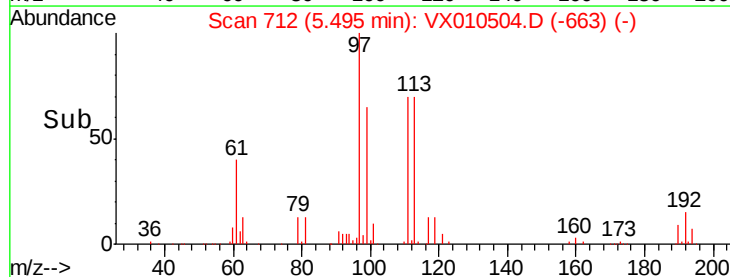
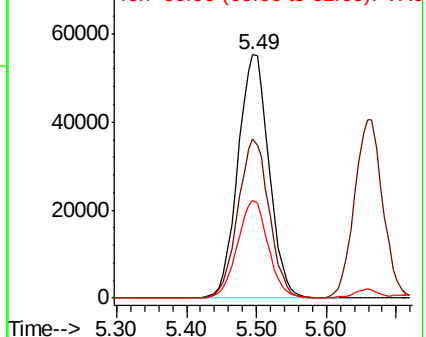
97 100

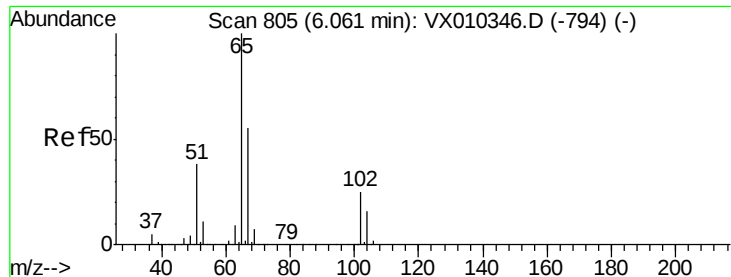
99 65.5 51.8 77.8

61 39.9 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.782 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

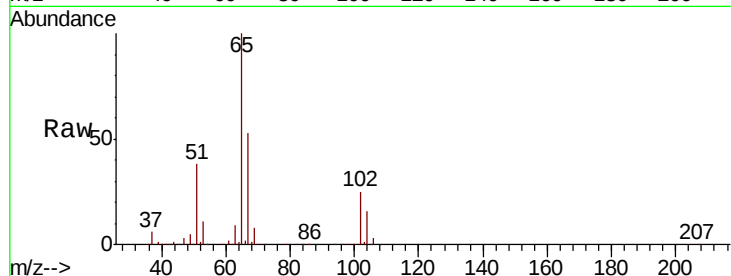
ClientSampleId :

Tot Ion: 65 Resp: 113439

Ion Ratio Lower Upper

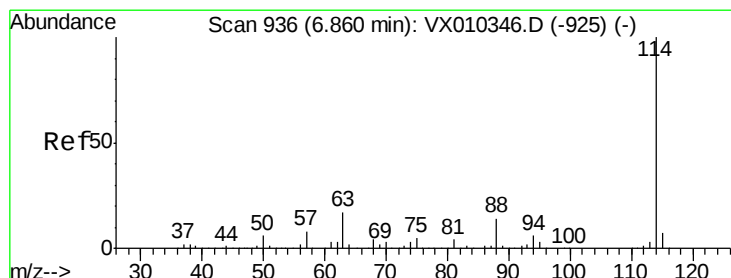
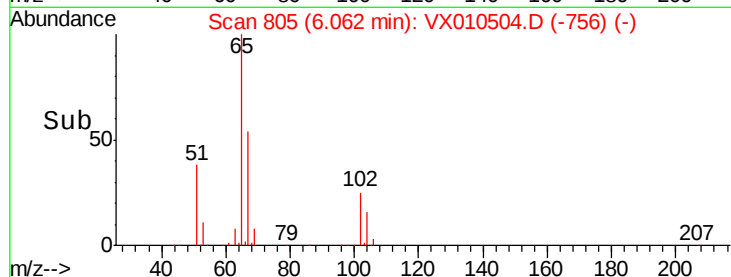
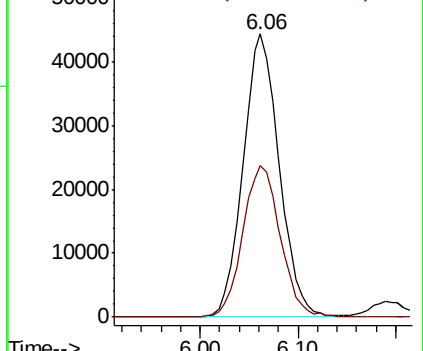
65 100

67 55.5 0.0 110.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

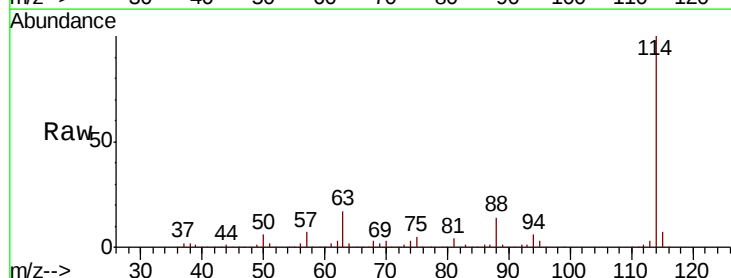
Tgt Ion: 114 Resp: 362061

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

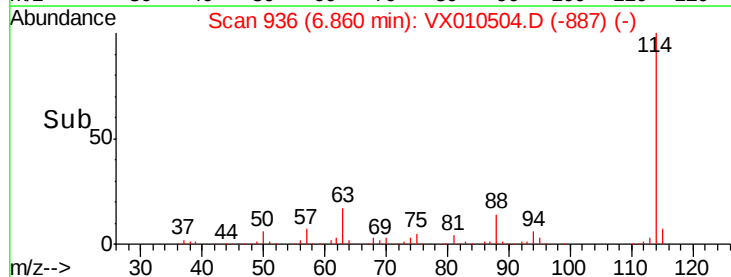
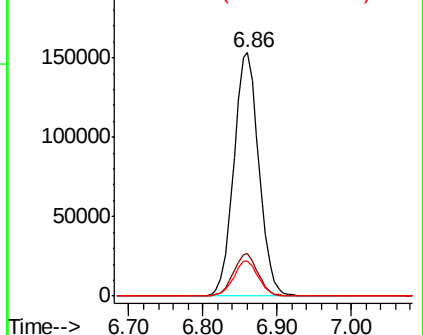
88 14.4 0.0 27.6



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

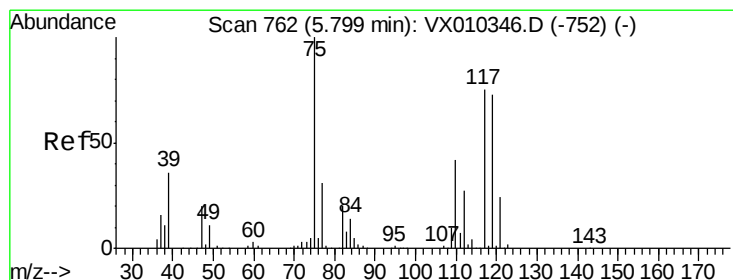
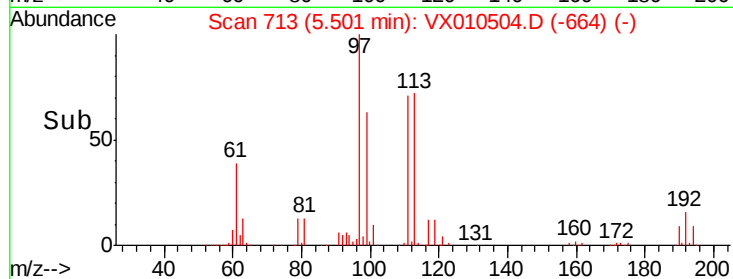
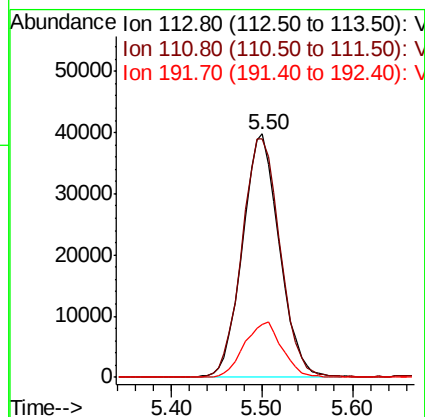
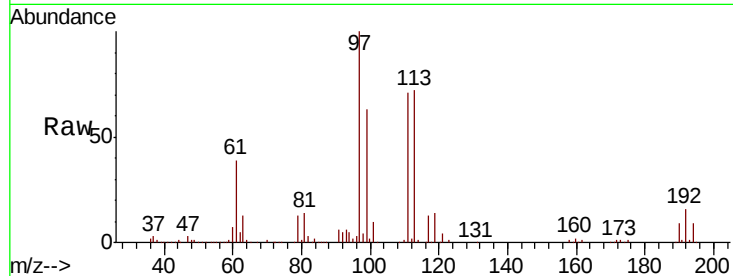




#35
 Dibromofluoromethane
 Concen: 50.523 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

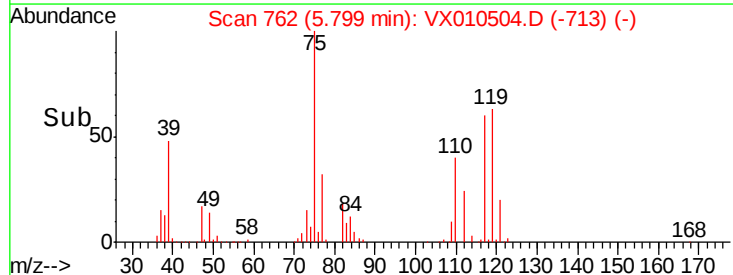
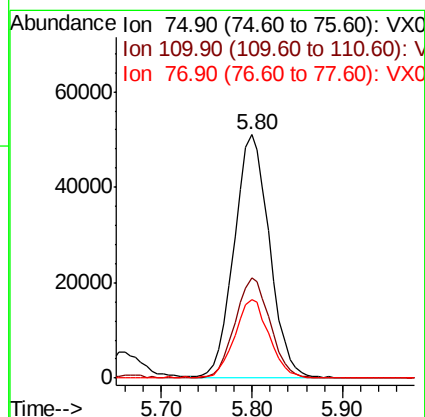
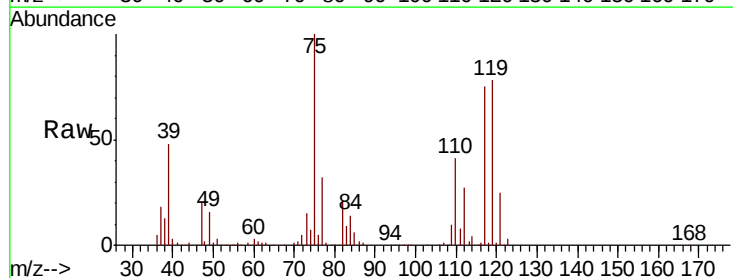
Instrument :
 MSVOA_X
 ClientSampleId :

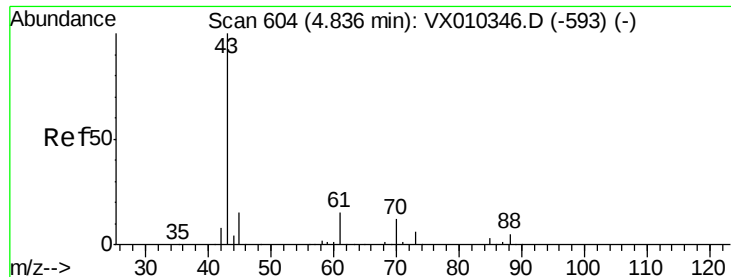
Tot Ion:113 Resp: 111920
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.2 121.8
 192 23.3 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 47.720 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Tgt Ion: 75 Resp: 137297
 Ion Ratio Lower Upper
 75 100
 110 41.0 20.8 62.2
 77 31.8 25.4 38.0

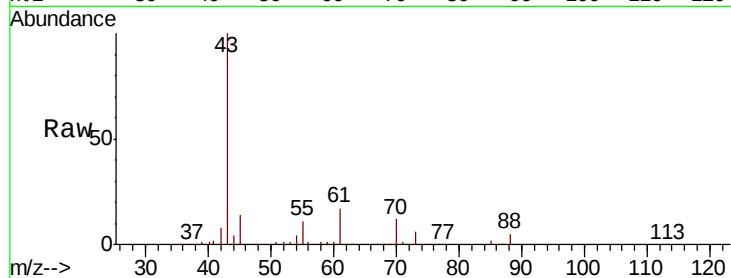




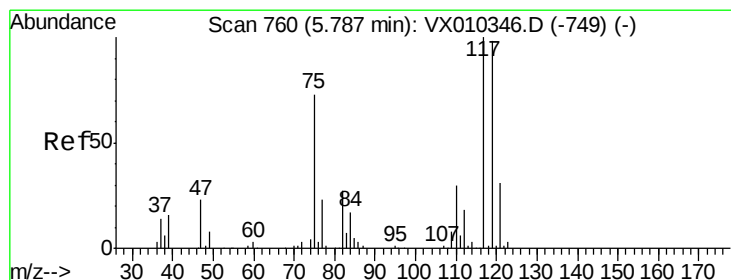
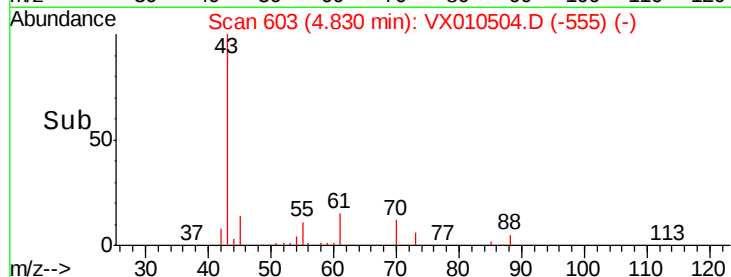
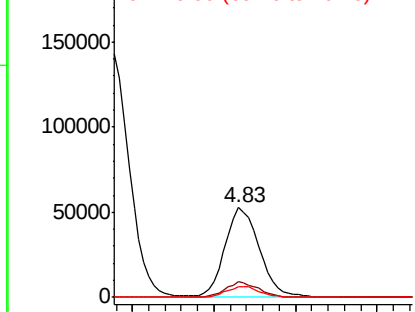
#37
Ethyl Acetate
Concen: 51.987 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 153874
Ion Ratio Lower Upper
43 100
61 15.9 12.4 18.6
70 12.2 9.8 14.8

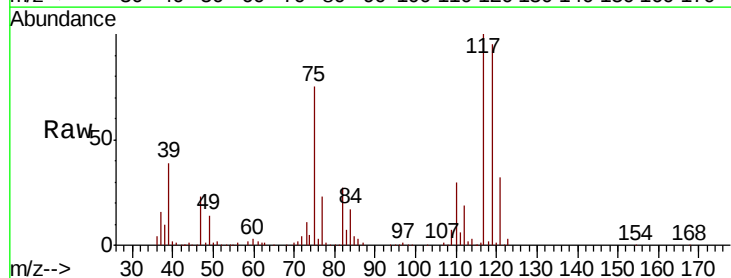


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

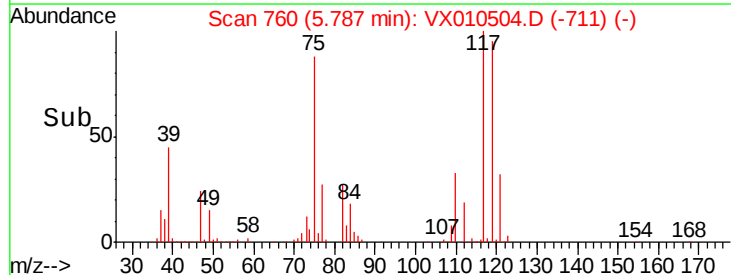
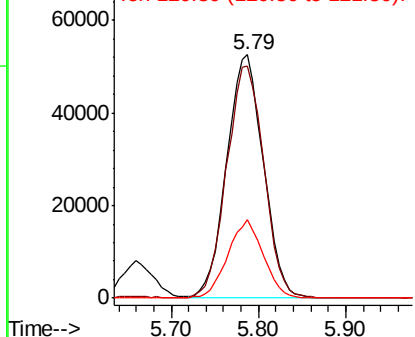


#38
Carbon Tetrachloride
Concen: 49.321 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 117 Resp: 153663
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.4
121 32.0 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

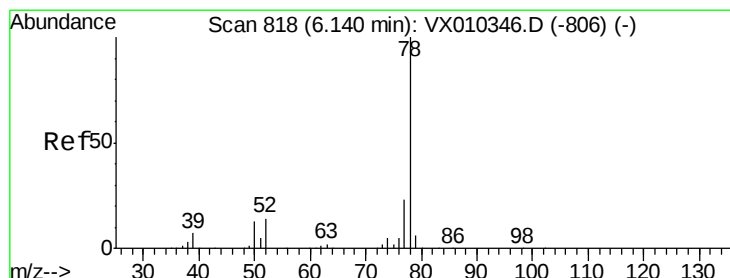
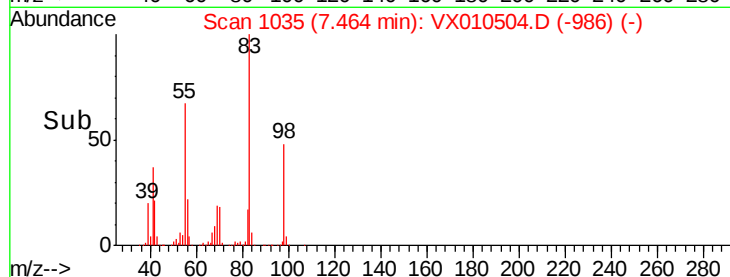
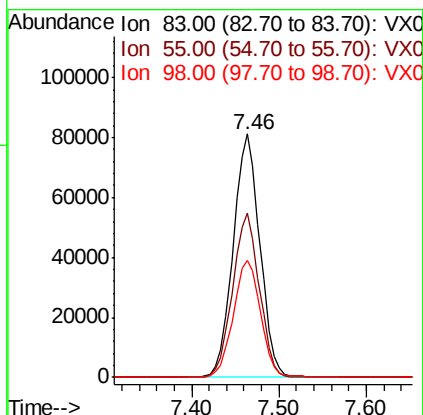
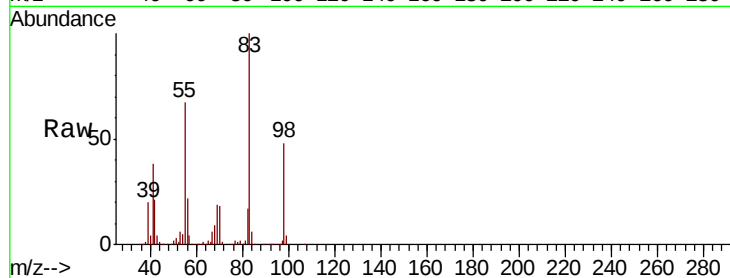




#39
Methylvlcvclohexane
Concen: 45.590 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

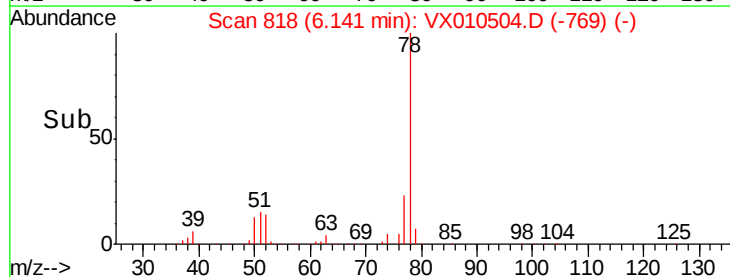
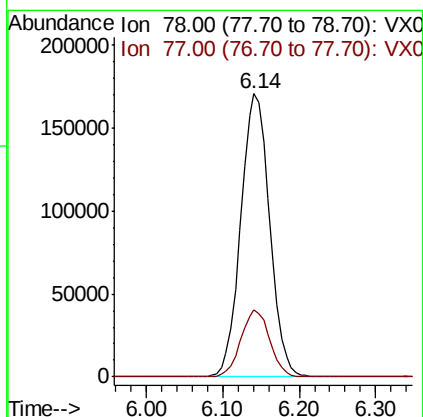
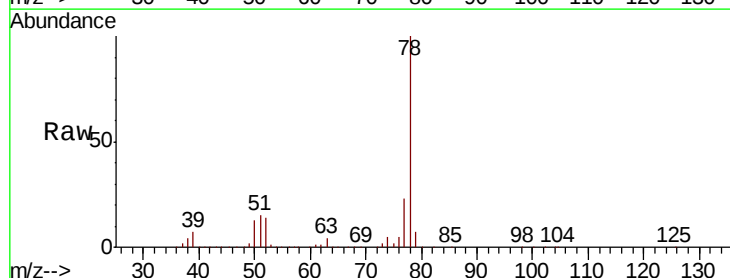
Instrument :
MSVOA_X
ClientSampled :

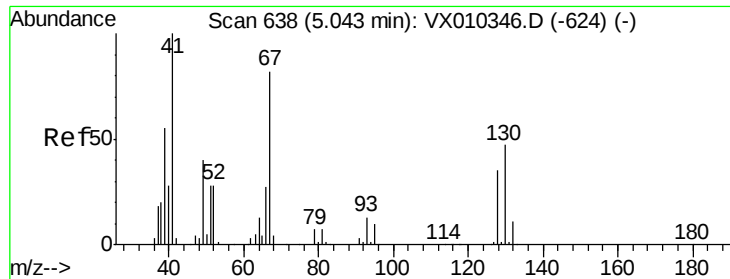
Tot Ion: 83 Resp: 172417
Ion Ratio Lower Upper
83 100
55 67.2 53.0 79.6
98 48.0 37.8 56.8



#40
Benzene
Concen: 49.975 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 78 Resp: 447957
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0





#41

Methacrylonitrile

Concen: 51.962 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 84388

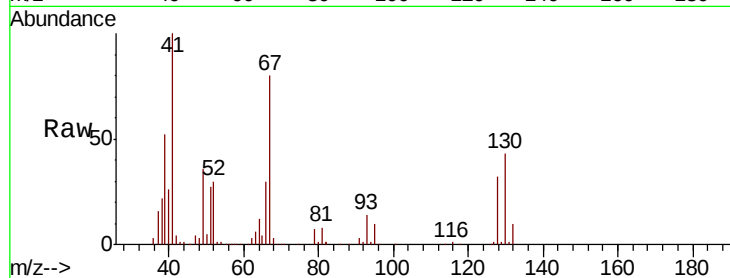
Ion Ratio Lower Upper

41 100

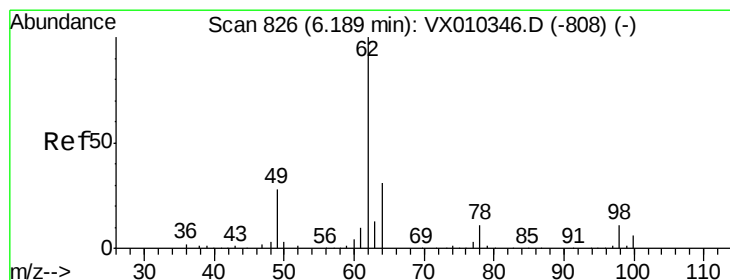
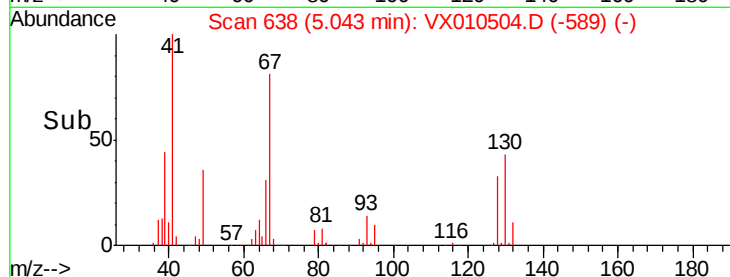
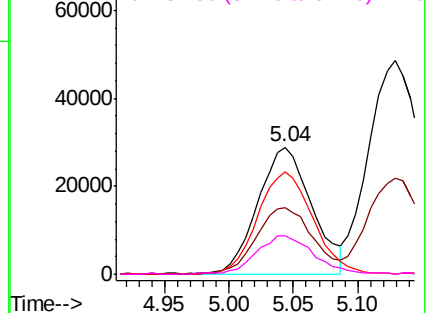
39 55.1 43.8 65.8

67 82.4 66.6 100.0

52 31.6 24.5 36.7



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



#42

1,2-Dichloroethane

Concen: 51.877 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010504.D

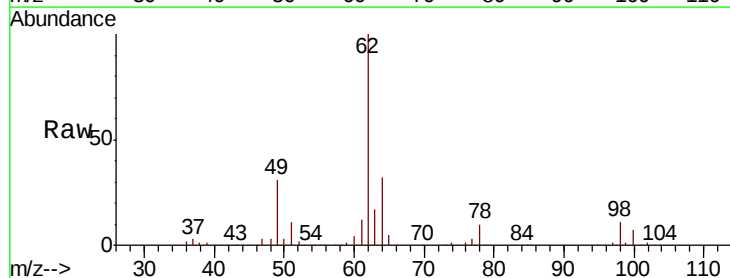
Acq: 27 Jun 2019 22:43

Tgt Ion: 62 Resp: 141549

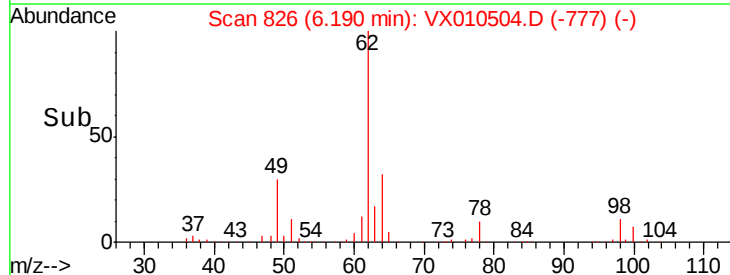
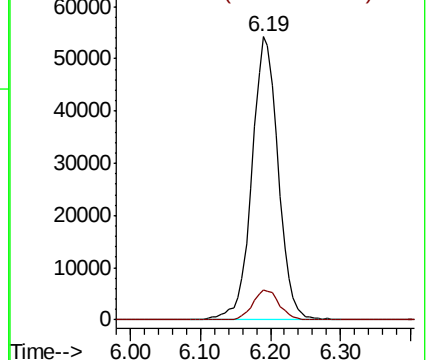
Ion Ratio Lower Upper

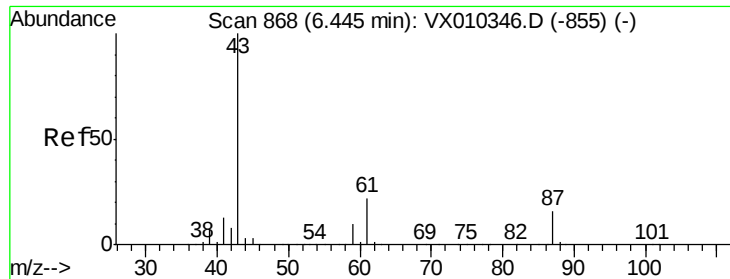
62 100

98 10.7 0.0 22.2



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





#43

Isopropyl Acetate

Concen: 51.946 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

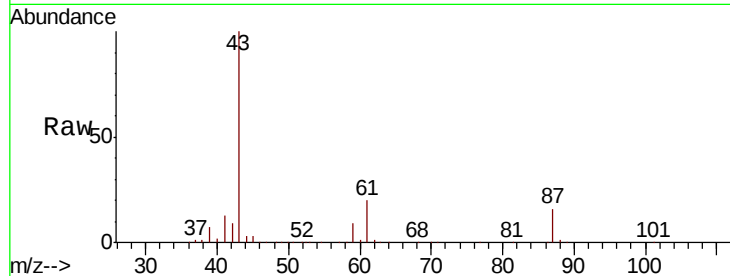
Tot Ion: 43 Resp: 254383

Ion Ratio Lower Upper

43 100

61 21.3 17.8 26.6

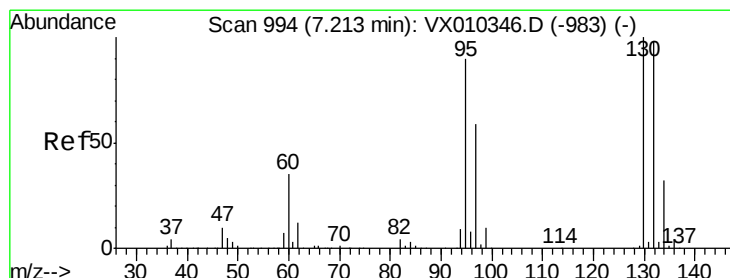
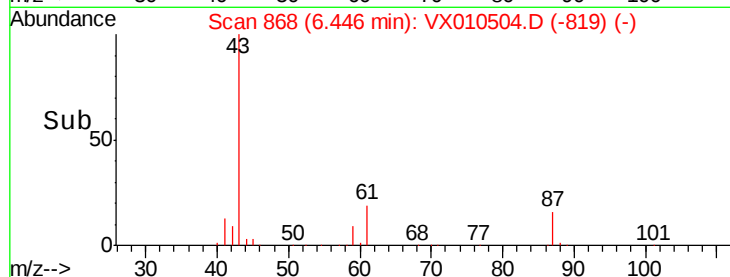
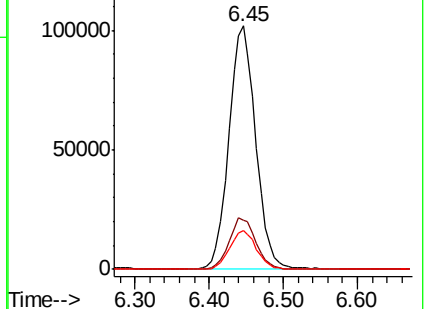
87 15.9 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.877 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010504.D

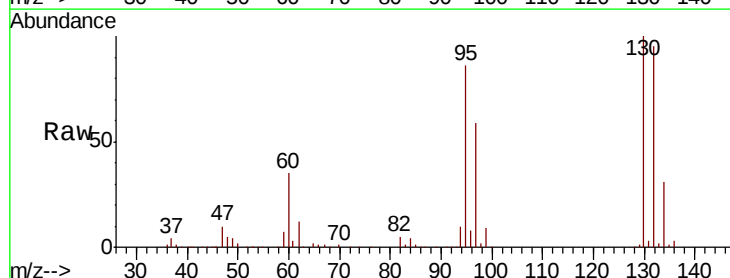
Acq: 27 Jun 2019 22:43

Tgt Ion:130 Resp: 133779

Ion Ratio Lower Upper

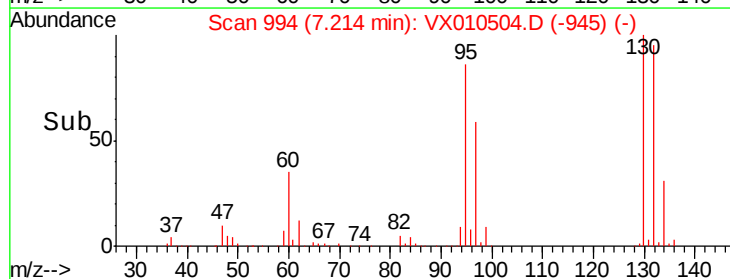
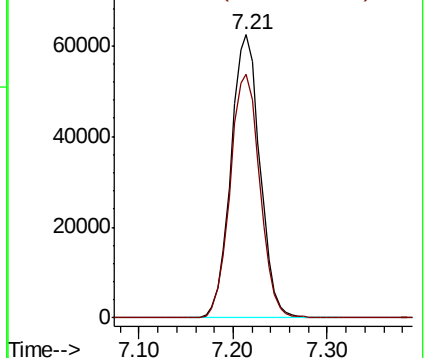
130 100

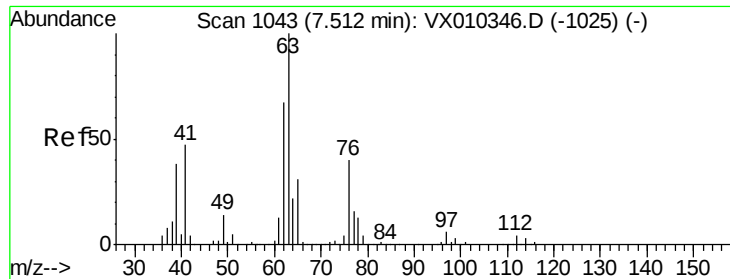
95 86.2 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.104 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

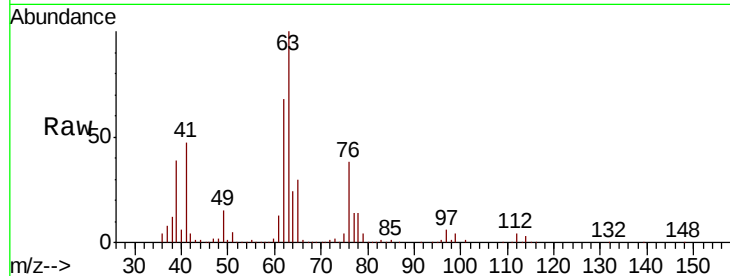
ClientSampleId :

Tot Ion: 63 Resp: 113414

Ion Ratio Lower Upper

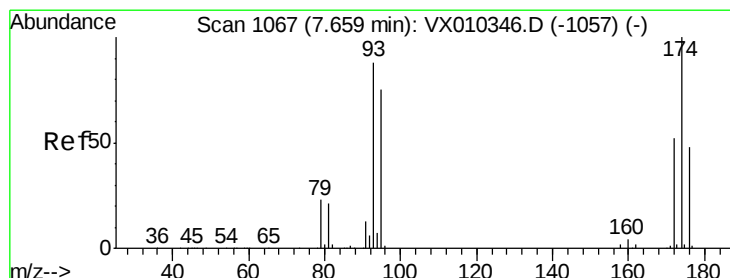
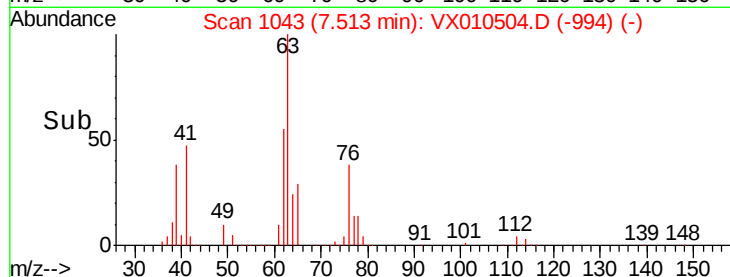
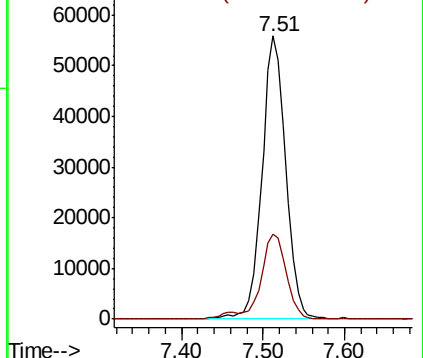
63 100

65 30.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.354 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

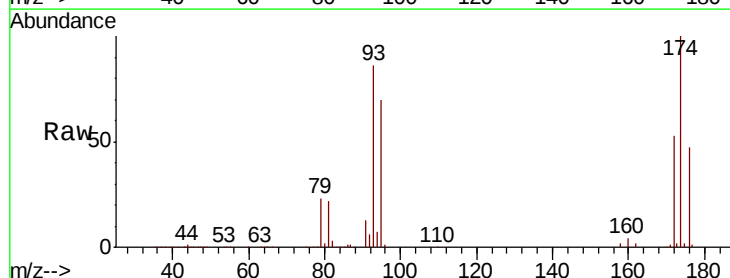
Tgt Ion: 93 Resp: 81778

Ion Ratio Lower Upper

93 100

95 85.0 67.5 101.3

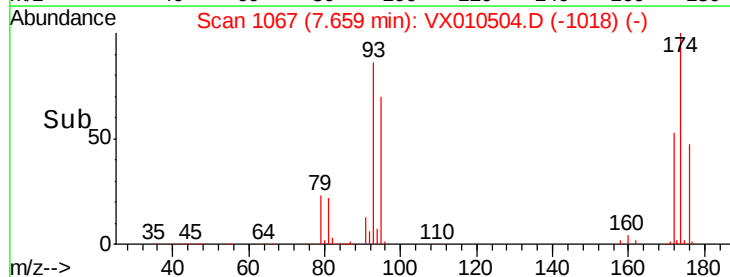
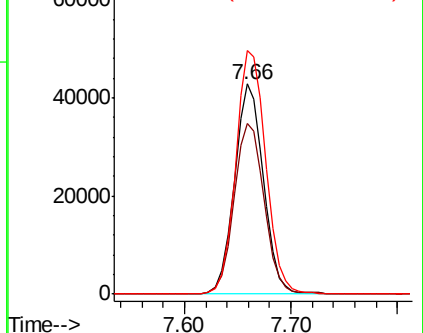
174 120.2 95.8 143.6

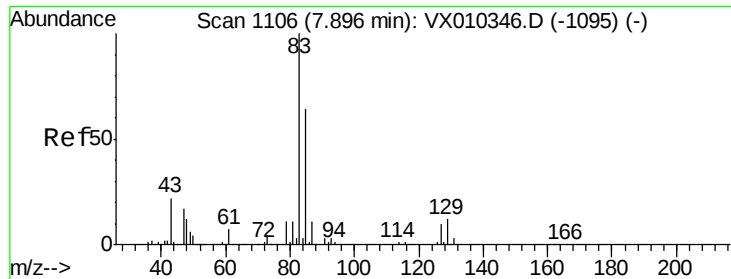


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

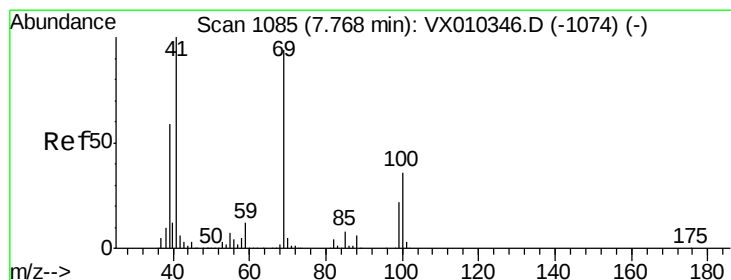
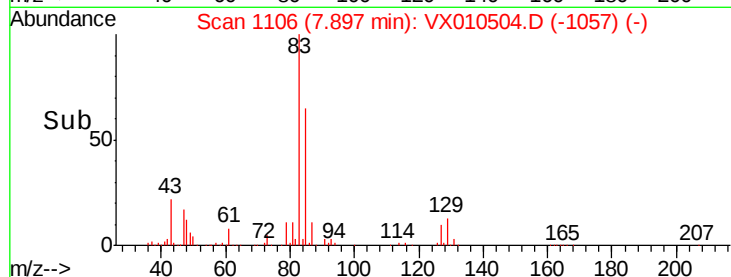
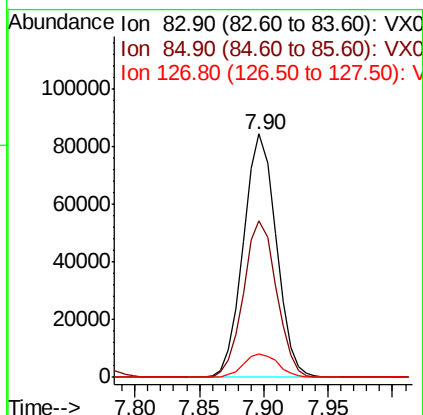
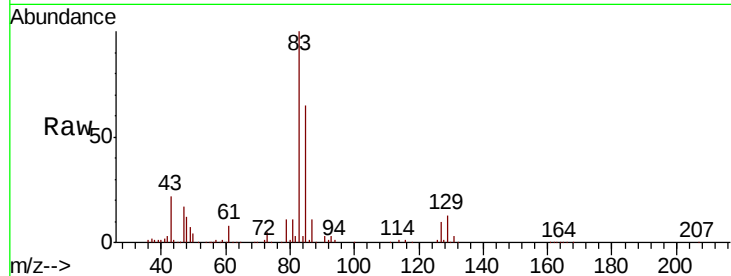




#47
 Bromodichloromethane
 Concen: 50.052 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

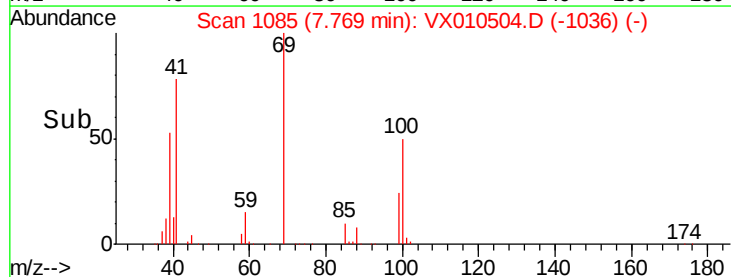
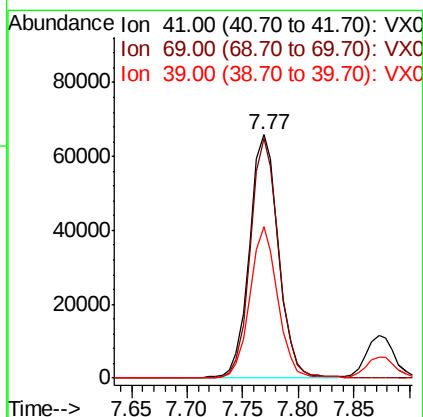
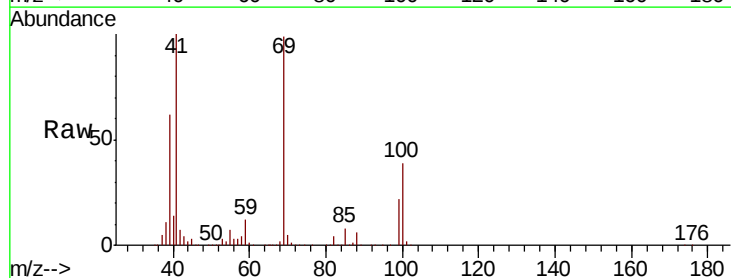
Instrument :
 MSVOA_X
 ClientSampleId :

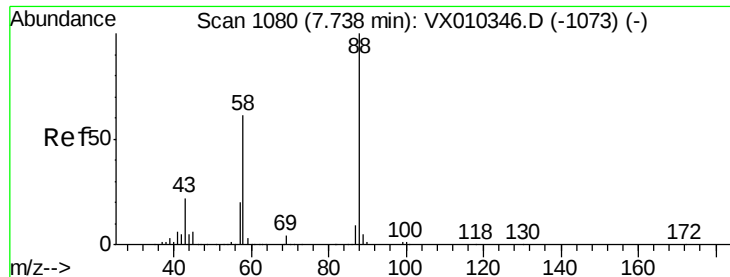
Tot Ion: 83 Resp: 148970
 Ion Ratio Lower Upper
 83 100
 85 64.5 51.5 77.3
 127 9.6 7.8 11.8



#48
 Methyl methacrylate
 Concen: 52.372 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Tgt Ion: 41 Resp: 119211
 Ion Ratio Lower Upper
 41 100
 69 96.2 76.1 114.1
 39 58.9 47.6 71.4

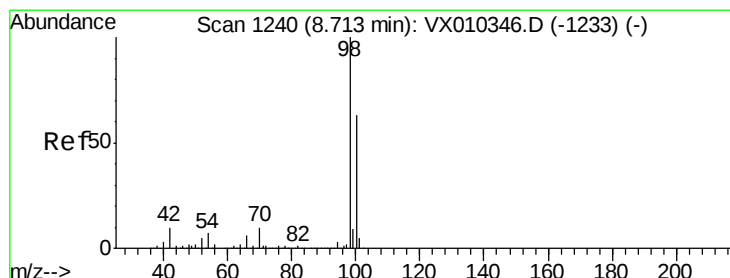
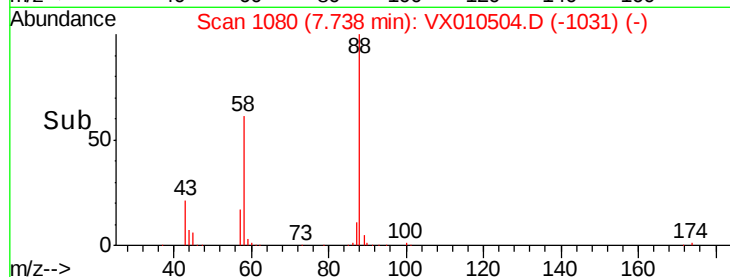
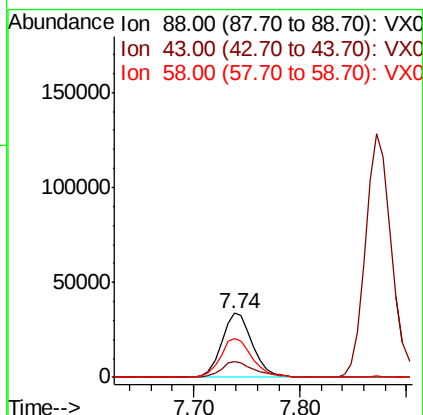
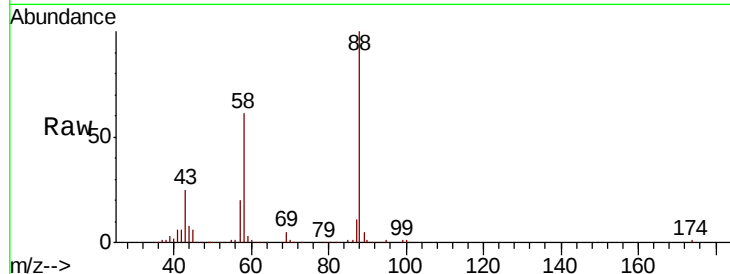




#49
1,4-Dioxane
Concen: 1034.721 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

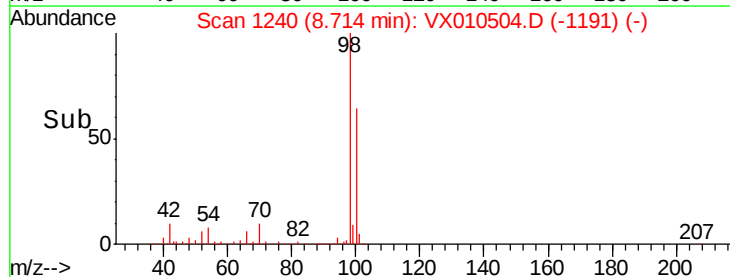
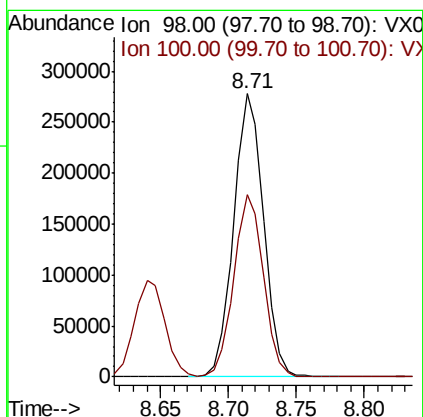
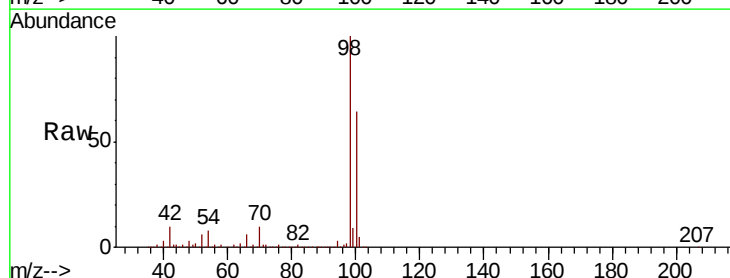
Instrument :
MSVOA_X
ClientSampleId :

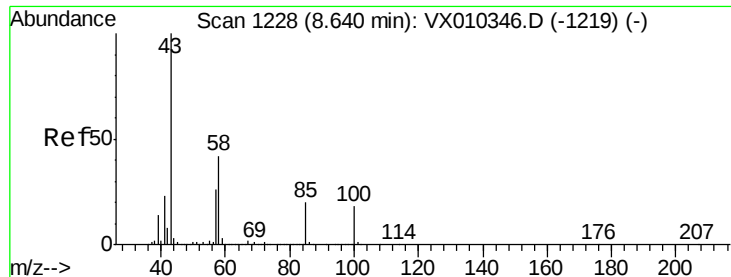
Tot Ion: 88 Resp: 67849
Ion Ratio Lower Upper
88 100
43 26.8 20.2 30.2
58 62.1 49.5 74.3



#50
Toluene-d8
Concen: 50.066 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 98 Resp: 424307
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

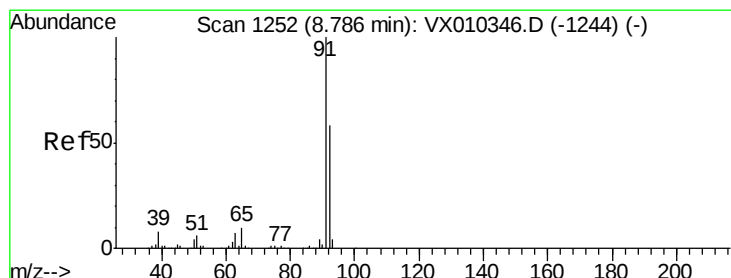
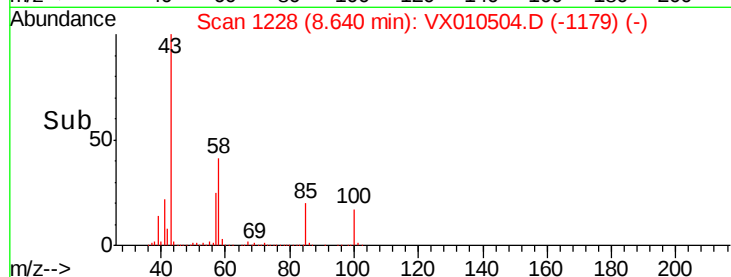
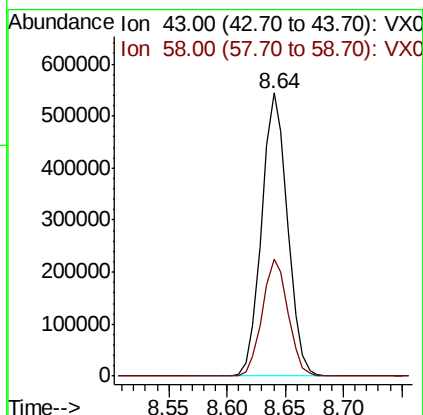
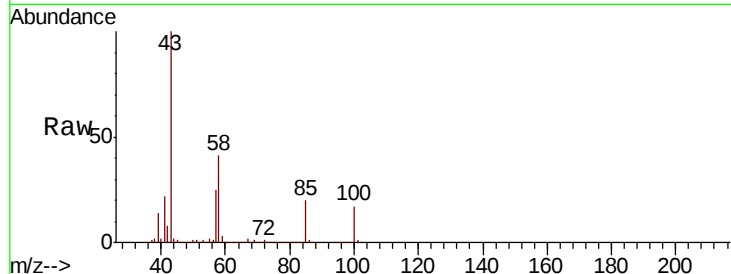




#51
4-Methyl-2-Pentanone
Concen: 267.891 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

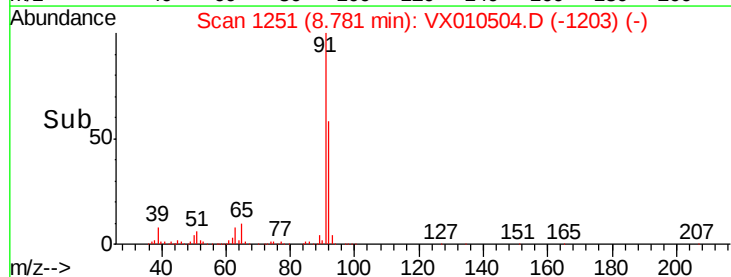
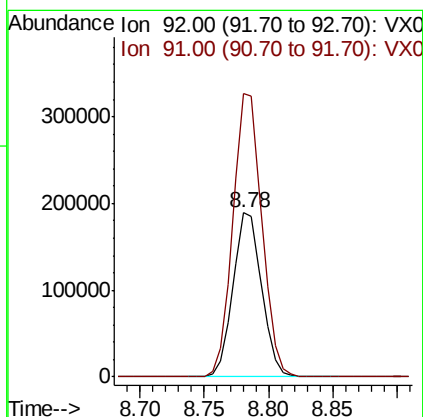
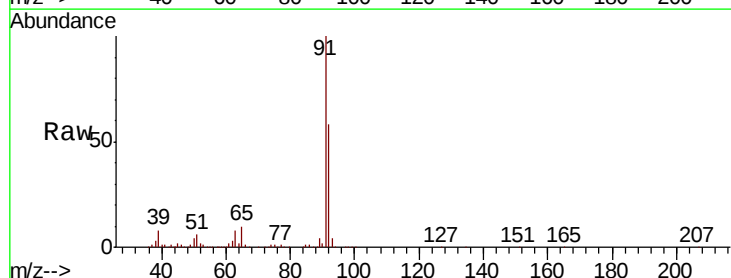
Instrument :
MSVOA_X
ClientSampled :

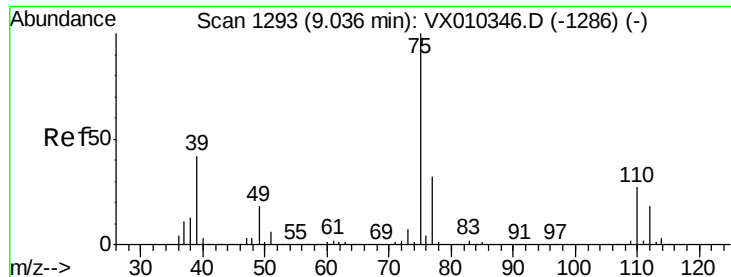
Tot Ion: 43 Resp: 839029
Ion Ratio Lower Upper
43 100
58 41.1 33.5 50.3



#52
Toluene
Concen: 49.797 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 92 Resp: 293943
Ion Ratio Lower Upper
92 100
91 174.8 139.8 209.6

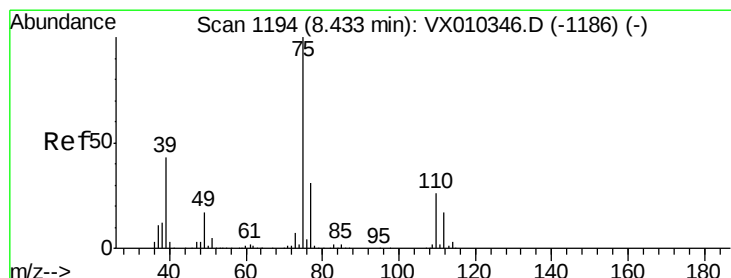
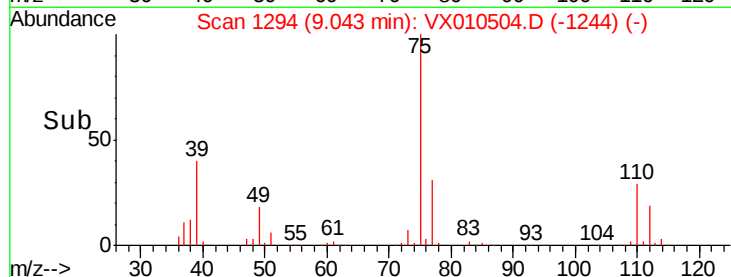
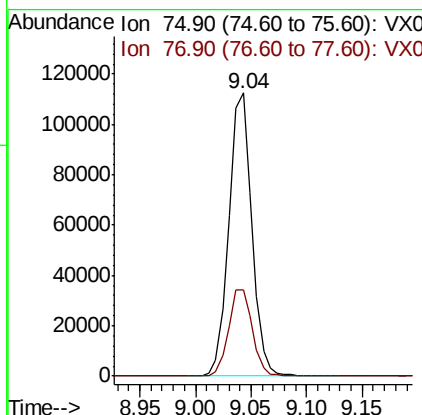
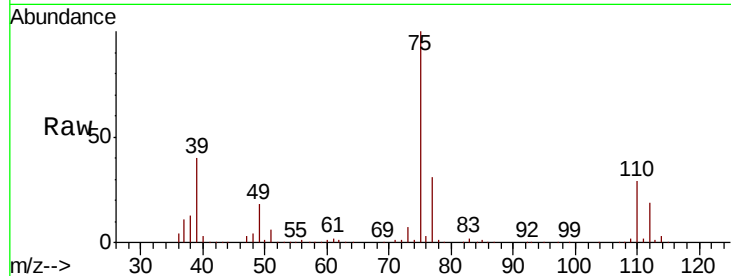




#53
 t-1,3-Dichloropropene
 Concen: 47.994 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

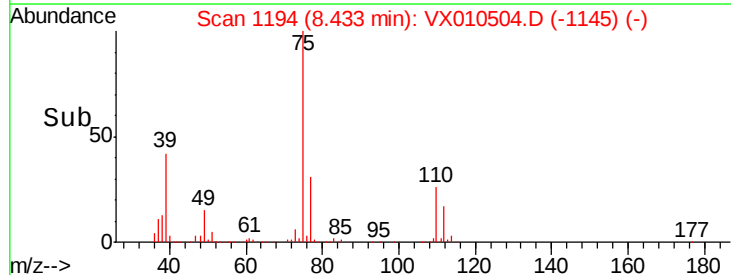
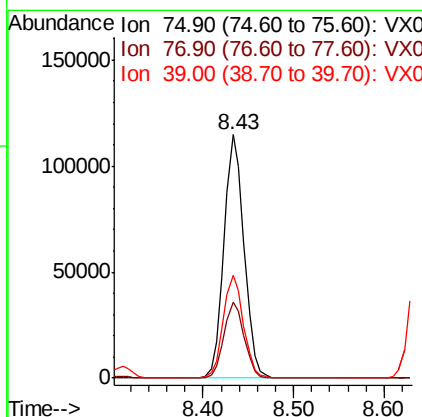
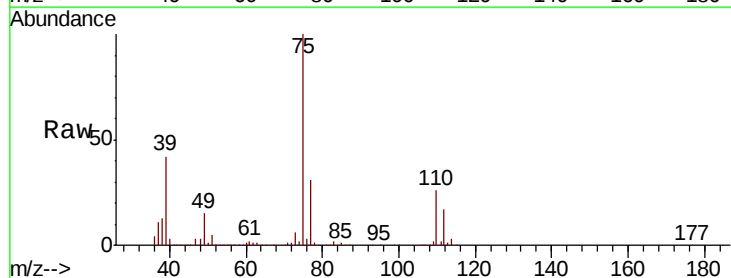
Instrument :
 MSVOA_X
 ClientSampleId :

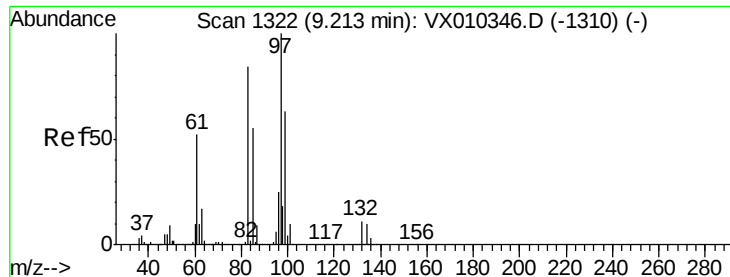
Tot Ion: 75 Resp: 160147
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.850 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Tgt Ion: 75 Resp: 177140
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 42.3 34.5 51.7

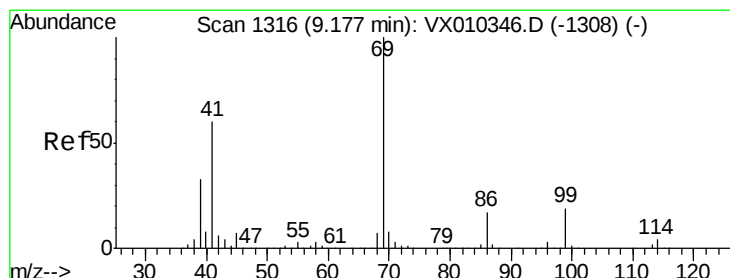
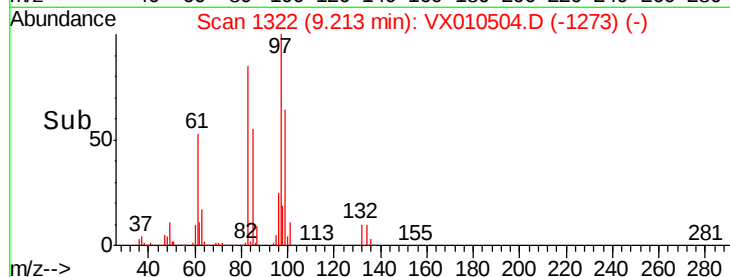
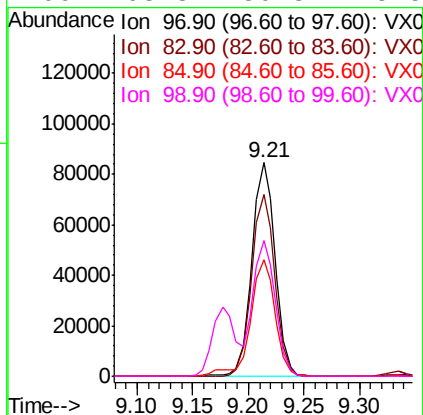
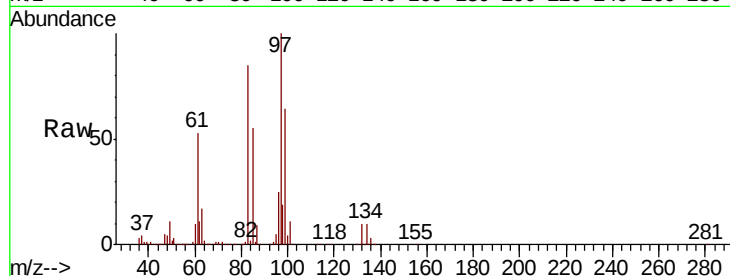




#55
 1,1,2-Trichloroethane
 Concen: 50.697 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

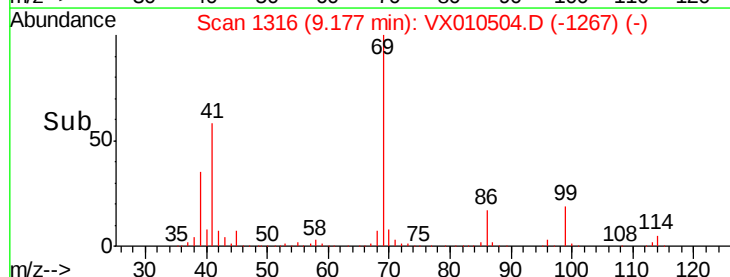
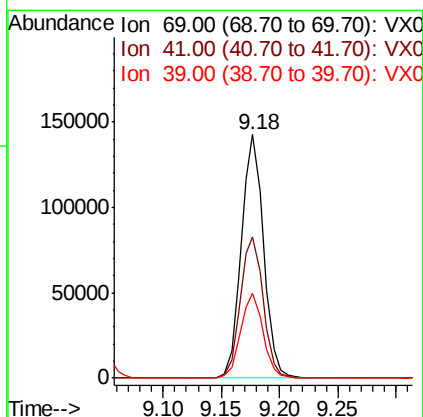
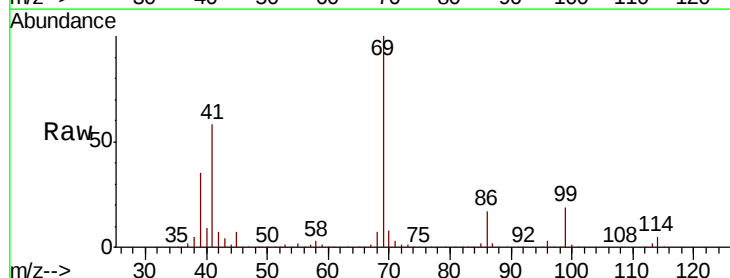
Instrument :
 MSVOA_X
 ClientSampleId :

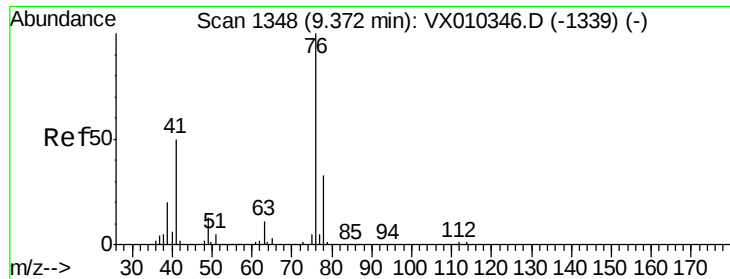
Tot Ion:	97	Resp:	123421
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.4	101.0
85	54.7	43.8	65.8
99	63.8	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 51.659 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Tgt Ion:	69	Resp:	190515
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.1	70.7
39	34.9	26.6	40.0

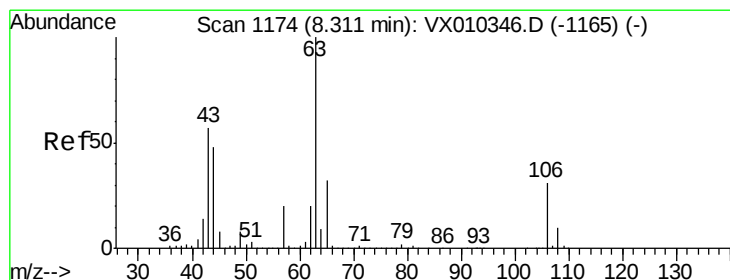
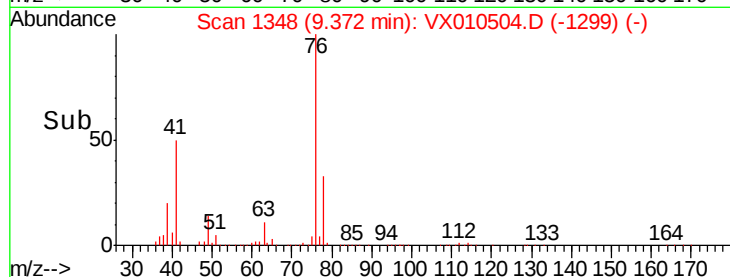
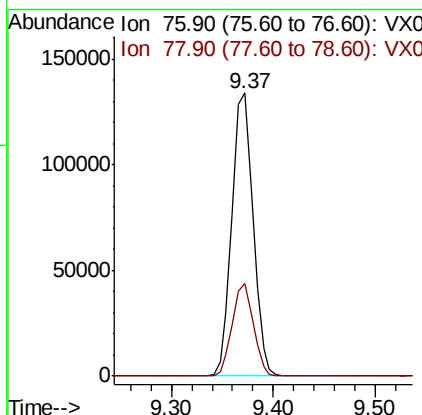
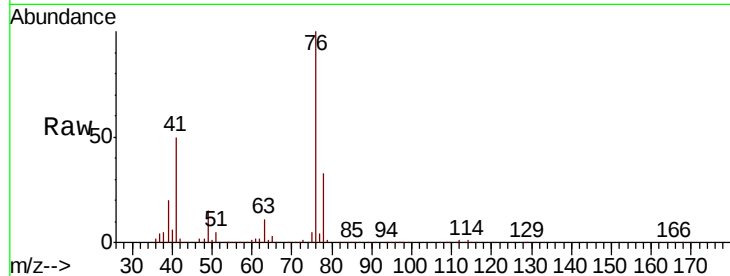




#57
 1,3-Dichloropropane
 Concen: 51.006 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

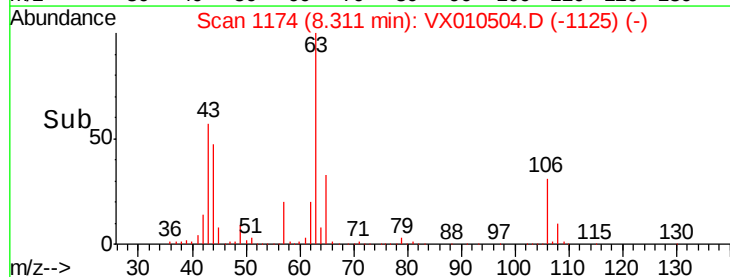
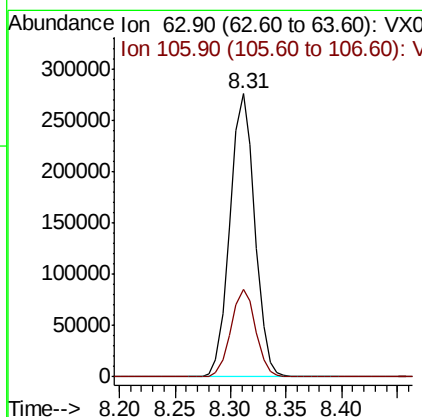
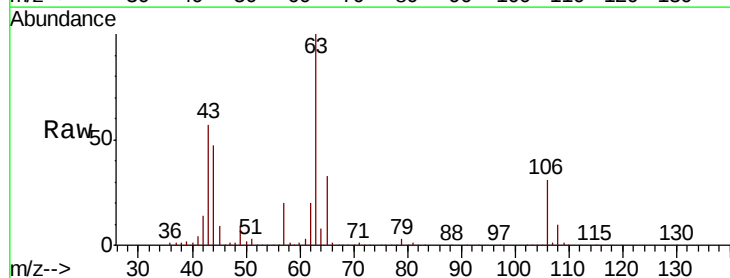
Instrument :
 MSVOA_X
 ClientSampleId :

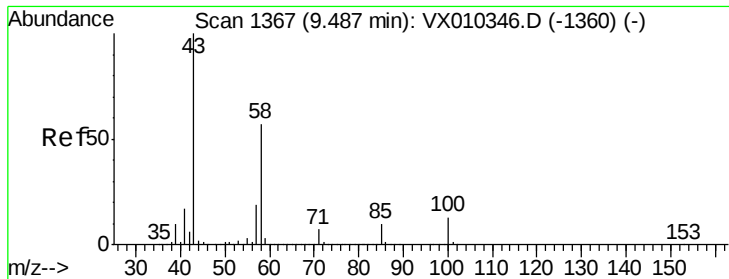
Tot Ion: 76 Resp: 192754
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.068 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Tgt Ion: 63 Resp: 427482
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.7 37.1

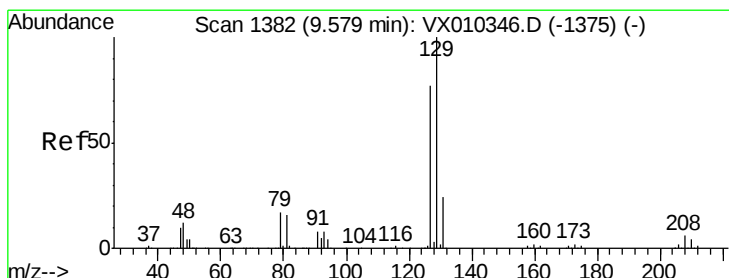
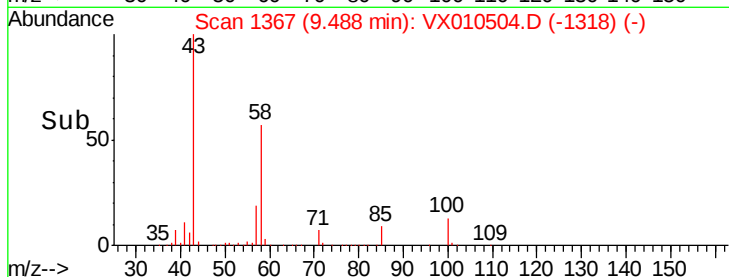
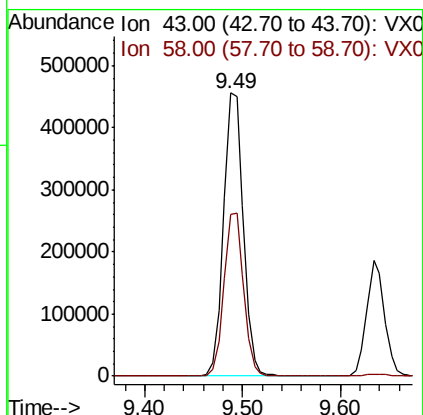
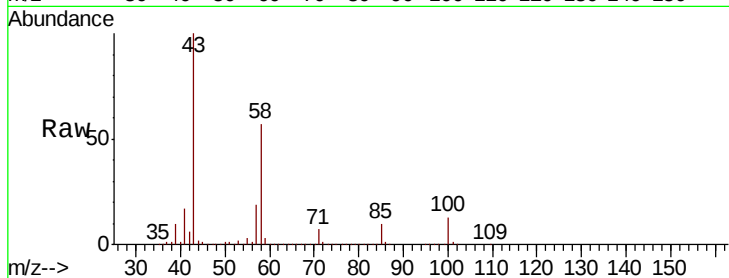




#59
2-Hexanone
Concen: 258.776 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

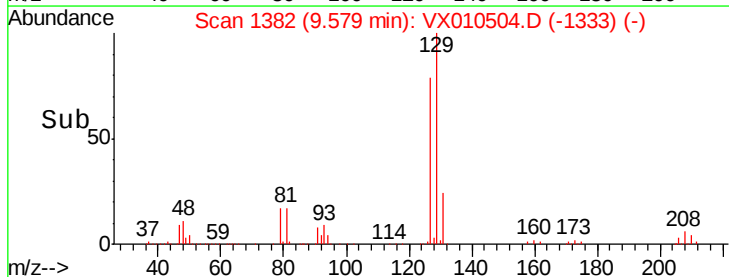
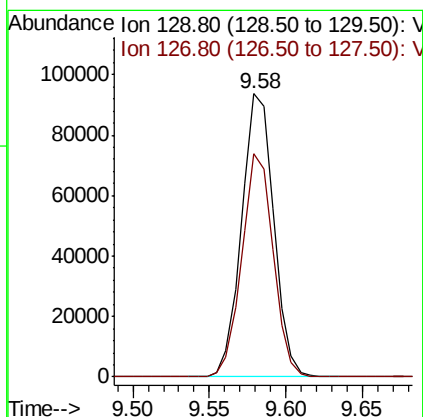
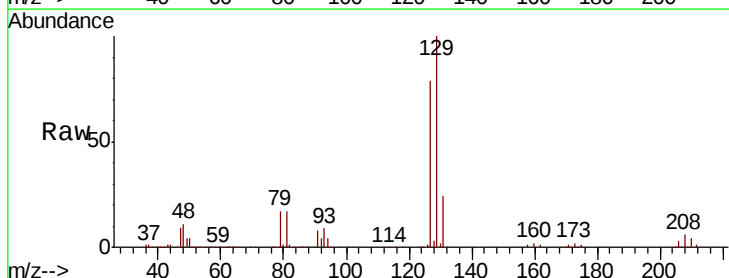
Instrument :
MSVOA_X
ClientSampled :

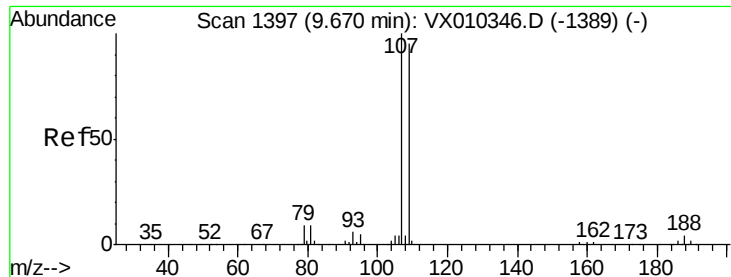
Tot Ion: 43 Resp: 637878
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.1



#60
Dibromochloromethane
Concen: 50.176 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 129 Resp: 136771
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.756 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

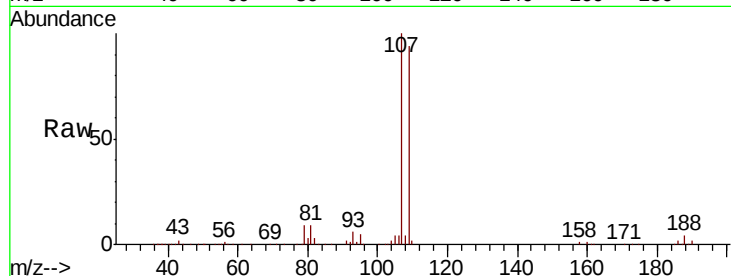
ClientSampleId :

Tot Ion:107 Resp: 133373

Ion Ratio Lower Upper

107 100

109 95.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

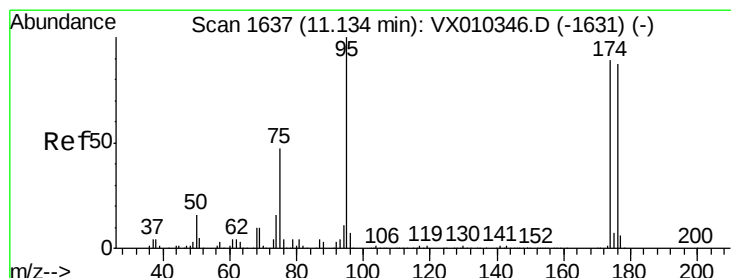
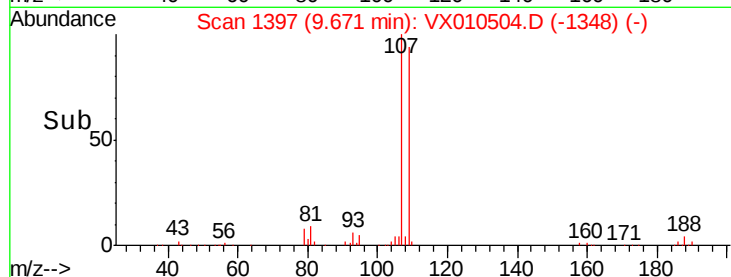
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.605 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

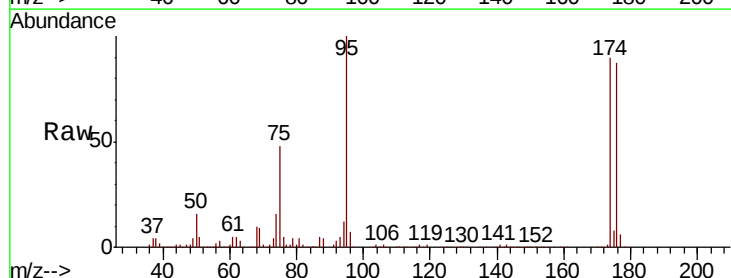
Tgt Ion: 95 Resp: 154836

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.6

176 92.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

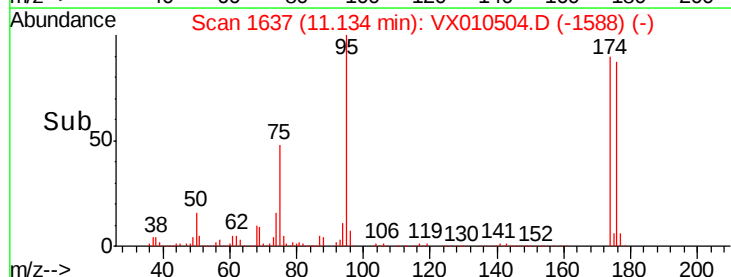
100000

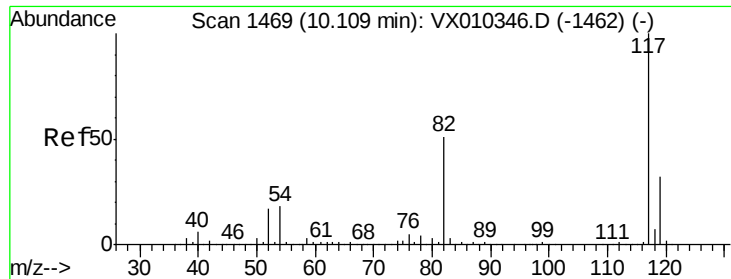
50000

0

Time-->

11.05 11.10 11.15 11.20

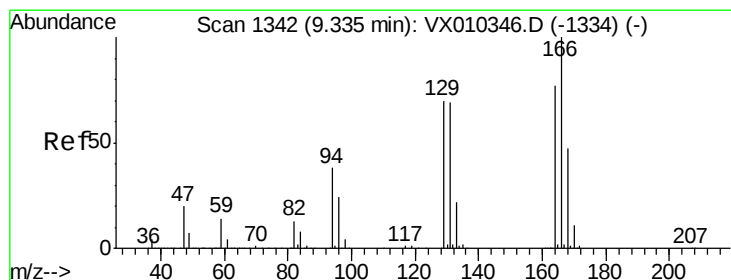
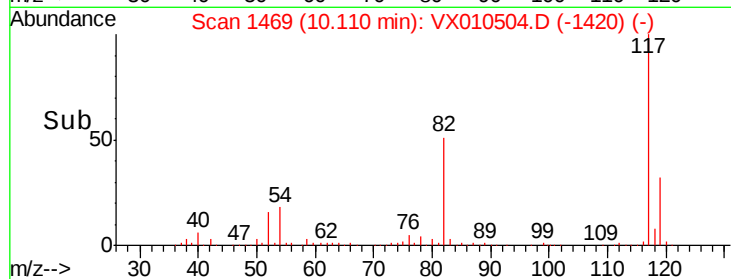
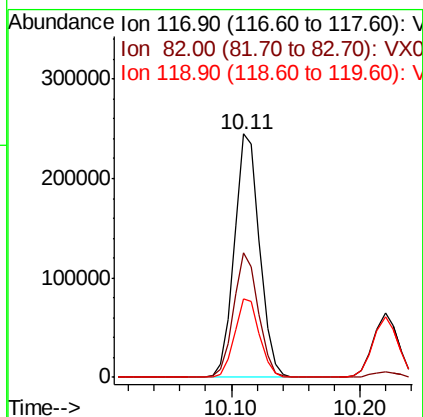
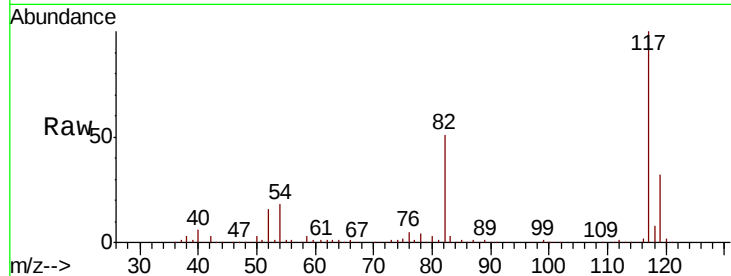




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

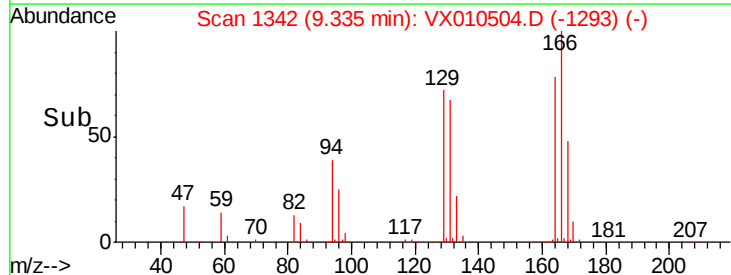
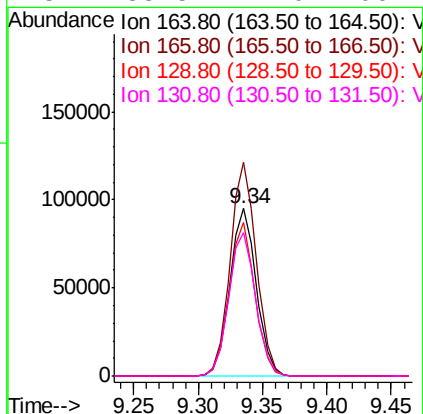
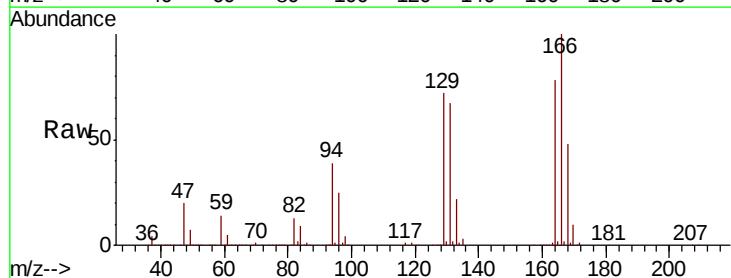
Instrument :
MSVOA_X
ClientSampleId :

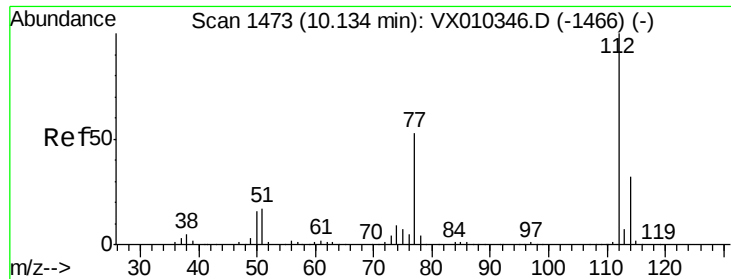
Tot Ion:117 Resp: 333659
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 50.669 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion:164 Resp: 136742
Ion Ratio Lower Upper
164 100
166 127.8 103.6 155.4
129 91.8 73.0 109.4
131 85.5 71.0 106.4

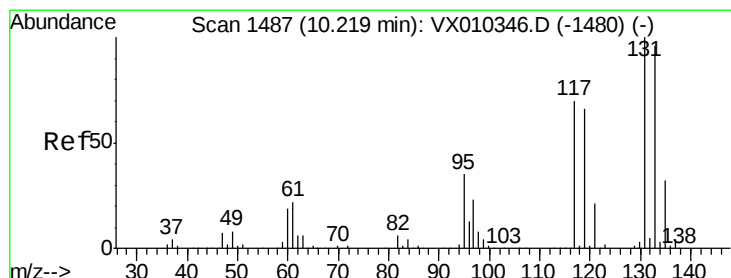
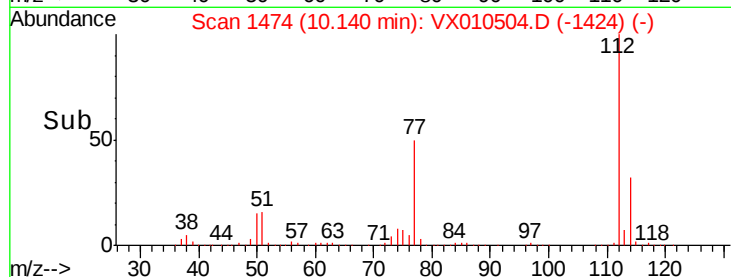
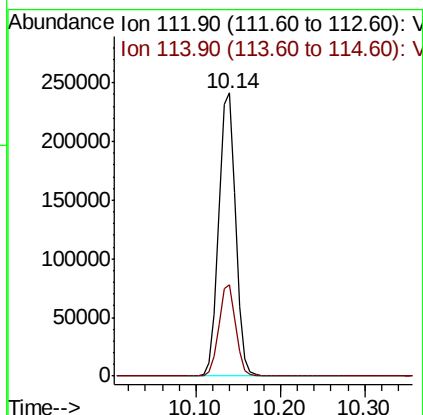
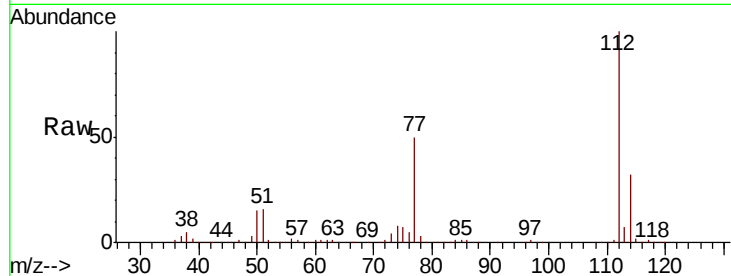




#65
Chlorobenzene
Concen: 49.739 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

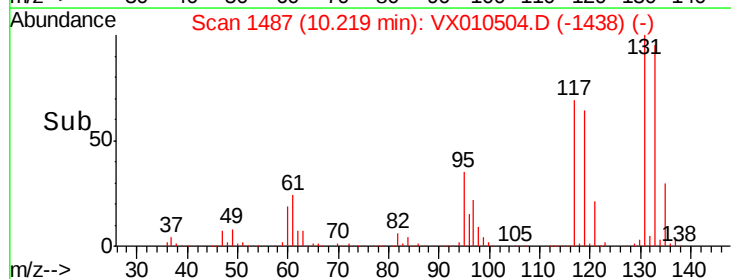
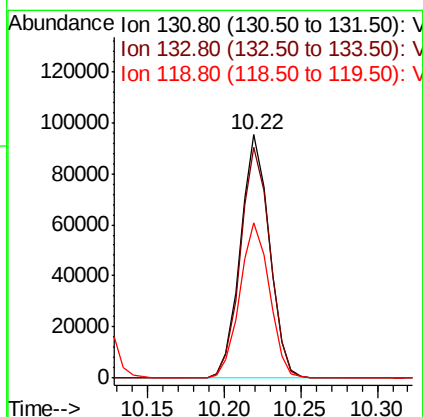
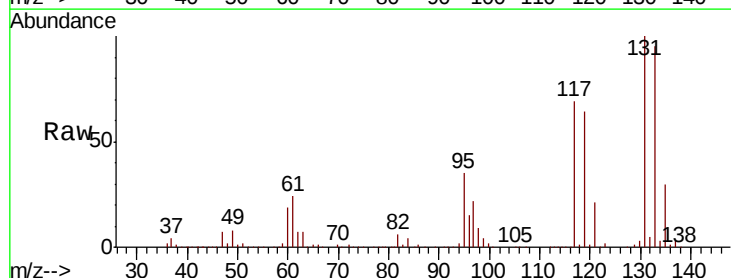
Instrument :
MSVOA_X
ClientSampleId :

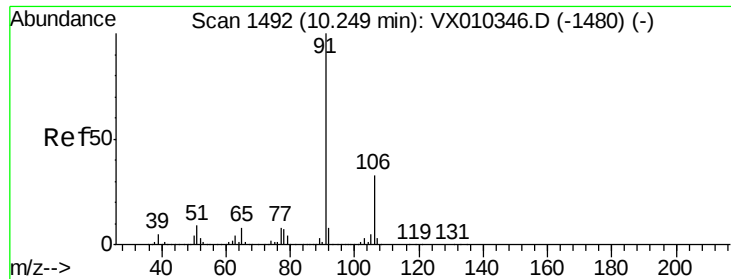
Tot Ion:112 Resp: 336928
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.989 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion:131 Resp: 125811
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 65.4 32.6 97.7

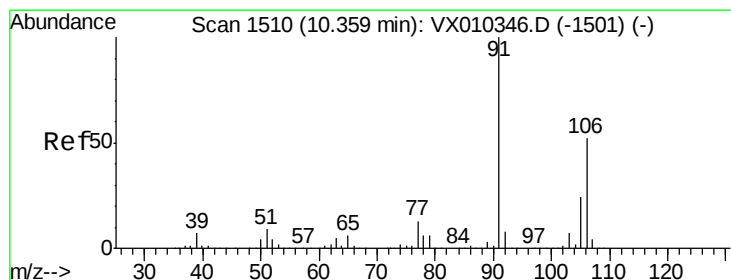
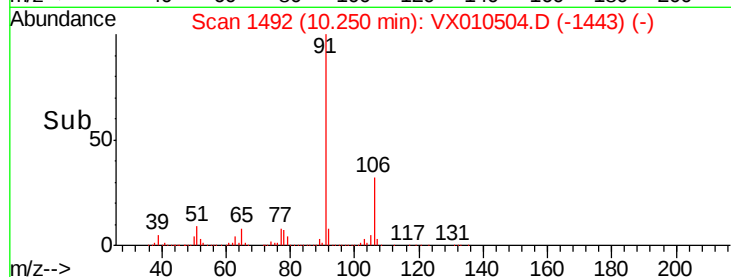
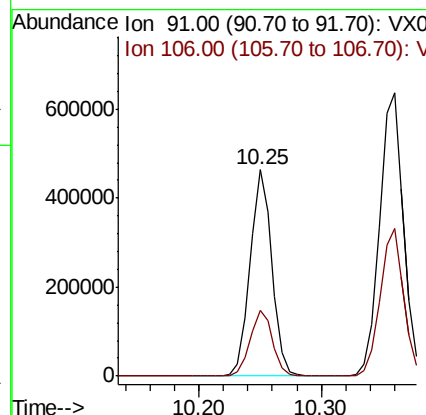
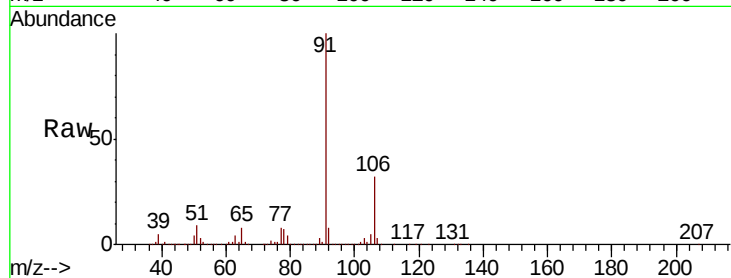




#67
Ethyl Benzene
Concen: 50.126 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

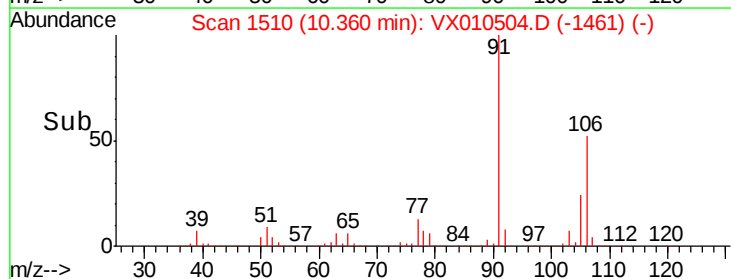
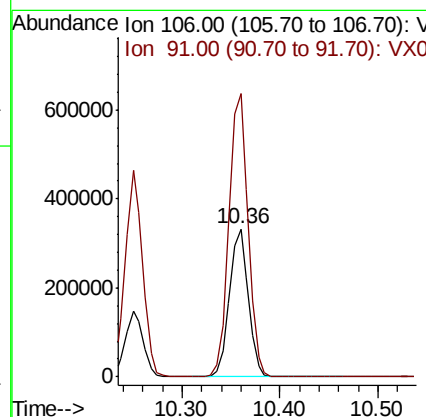
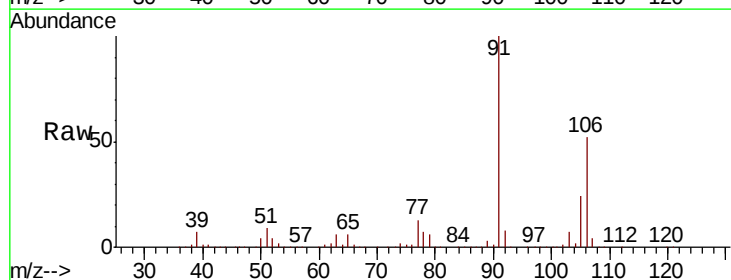
Instrument :
MSVOA_X
ClientSampleId :

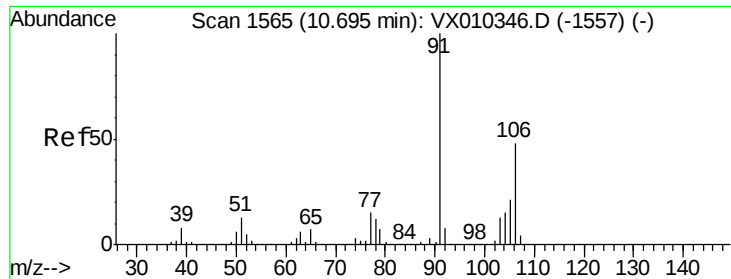
Tot Ion: 91 Resp: 573237
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.2



#68
m/p-Xylenes
Concen: 99.942 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 106 Resp: 442854
Ion Ratio Lower Upper
106 100
91 194.8 155.3 232.9

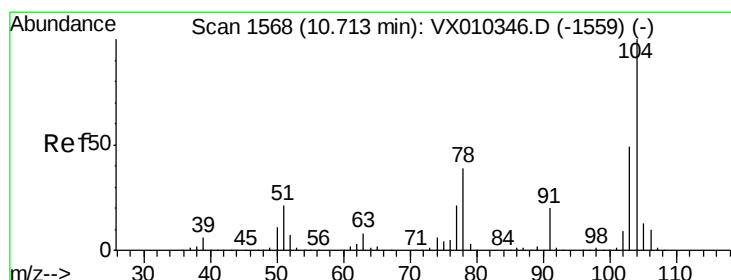
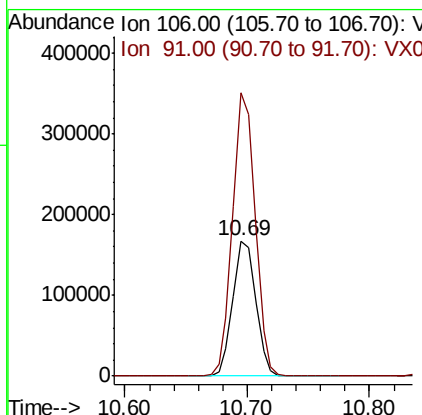
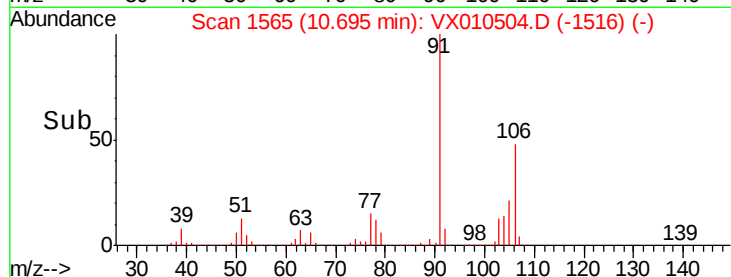
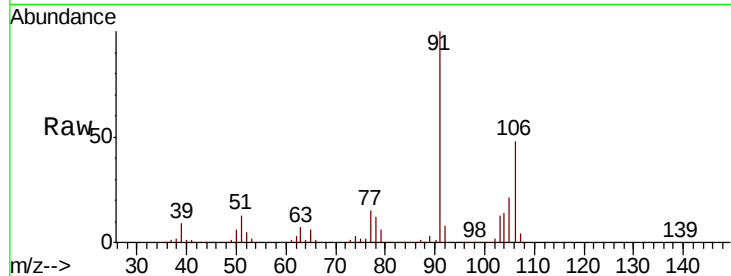




#69
o-Xylene
Concen: 50.079 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

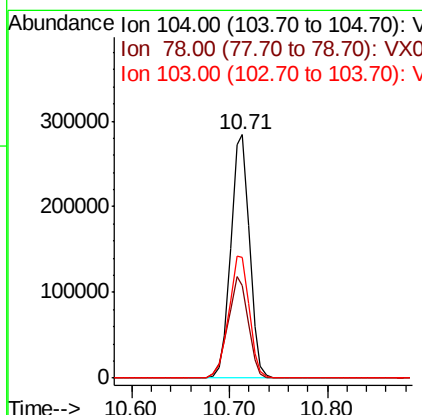
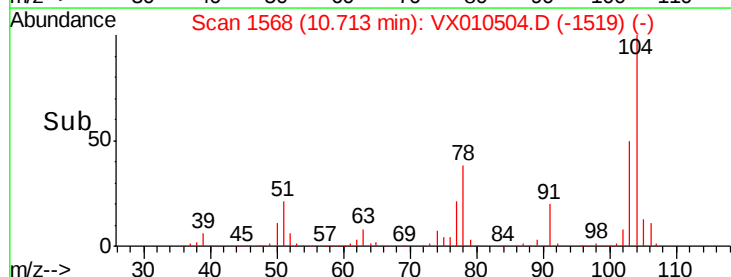
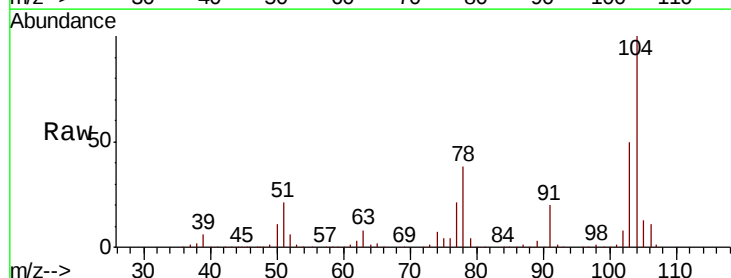
Instrument :
MSVOA_X
ClientSampleId :

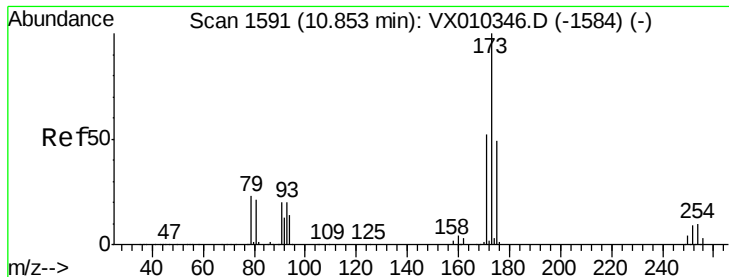
Tot Ion:106 Resp: 218222
Ion Ratio Lower Upper
106 100
91 205.1 102.7 308.1



#70
Styrene
Concen: 51.632 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion:104 Resp: 377322
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.2
103 54.9 44.2 66.4





#71

Bromoform

Concen: 49.918 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

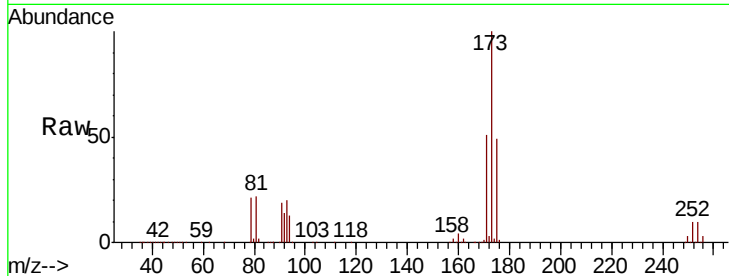
Tot Ion:173 Resp: 107111

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

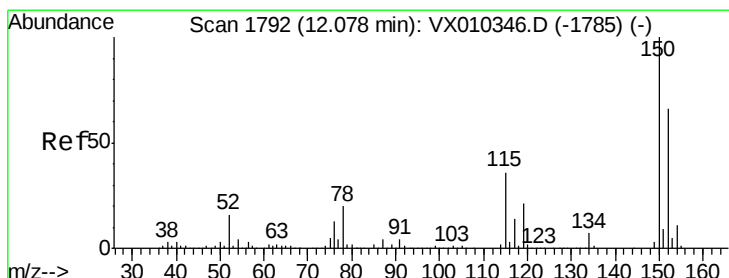
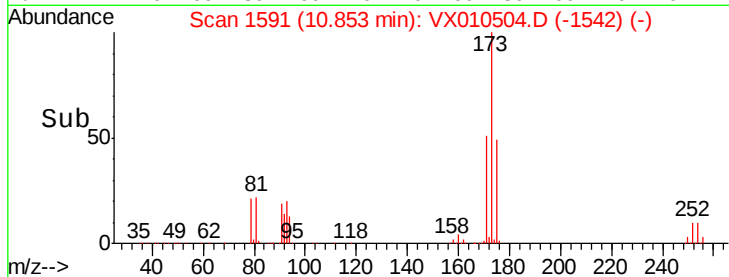
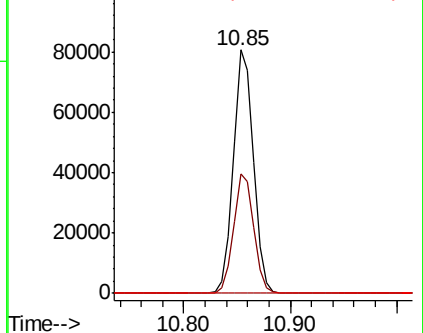
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

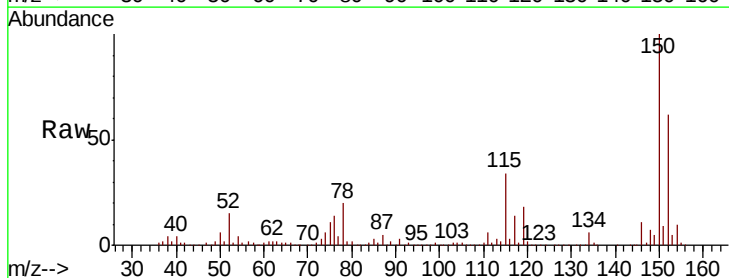
Tgt Ion:152 Resp: 171573

Ion Ratio Lower Upper

152 100

115 76.9 38.6 115.7

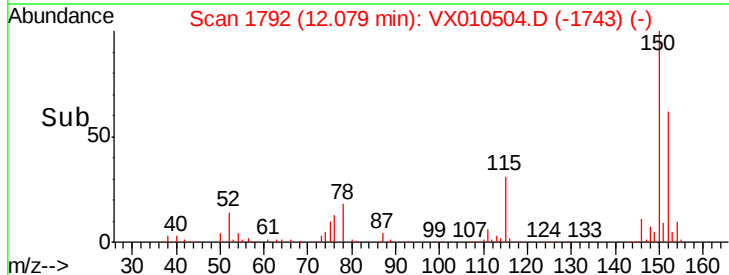
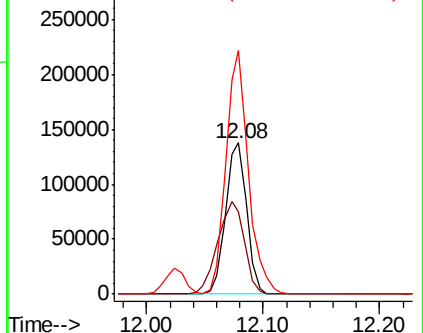
150 172.3 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

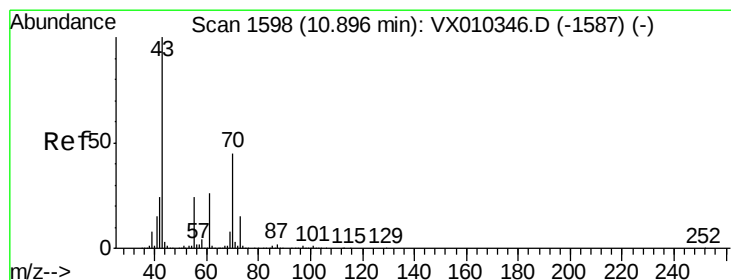
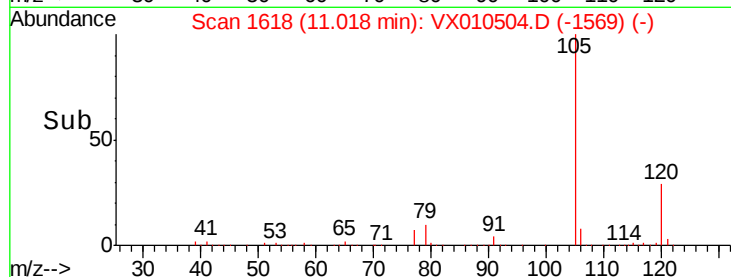
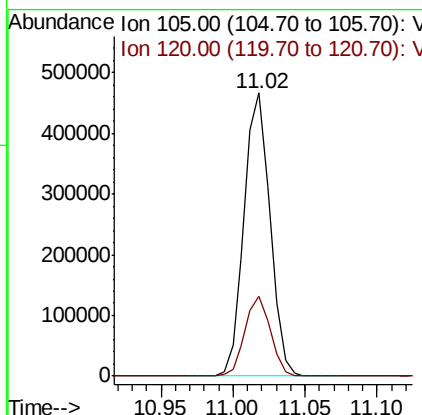
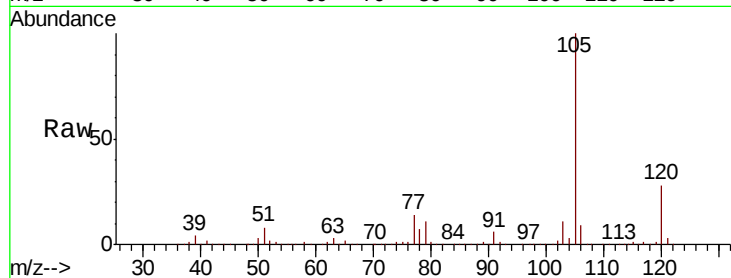




#73
Isopropylbenzene
Concen: 50.013 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

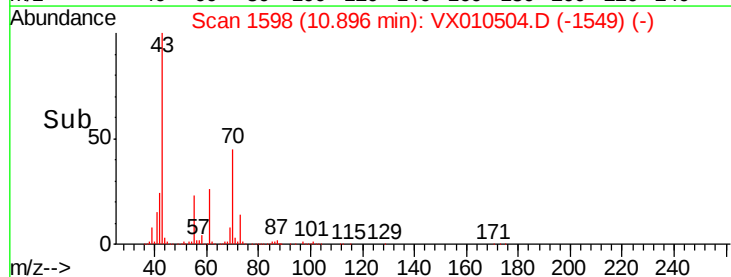
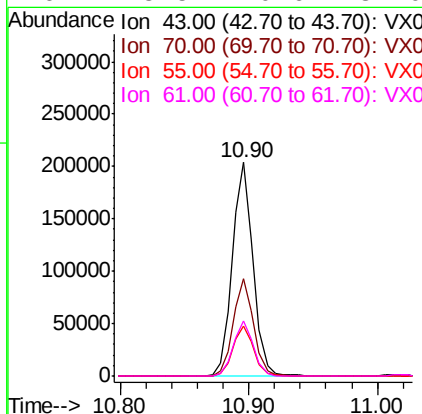
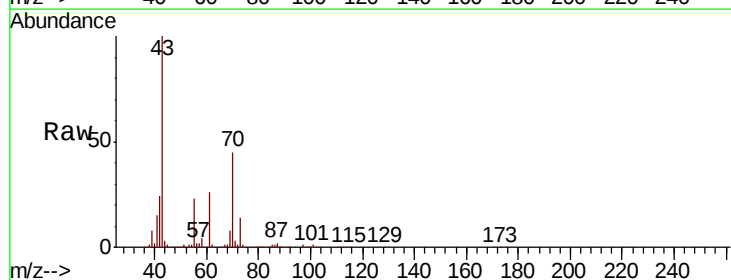
Instrument :
MSVOA_X
ClientSampleId :

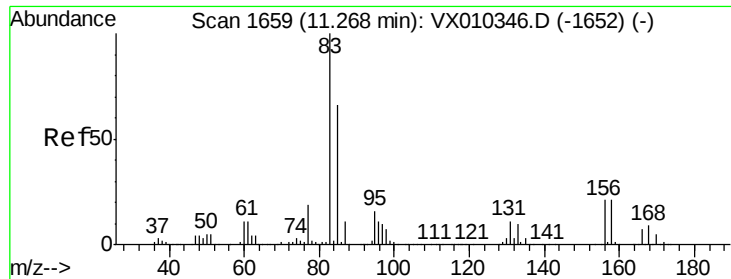
Tot Ion:105 Resp: 581674
Ion Ratio Lower Upper
105 100
120 27.8 14.1 42.4



#74
N-ethyl acetate
Concen: 52.028 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 43 Resp: 228685
Ion Ratio Lower Upper
43 100
70 44.9 36.6 54.8
55 23.6 18.7 28.1
61 25.5 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.246 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

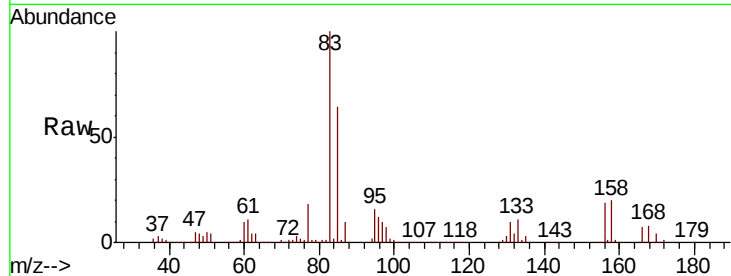
Tot Ion: 83 Resp: 193532

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

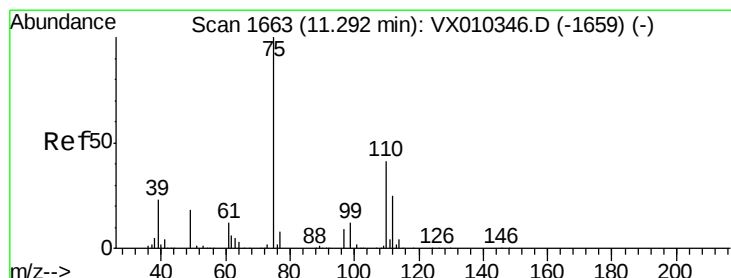
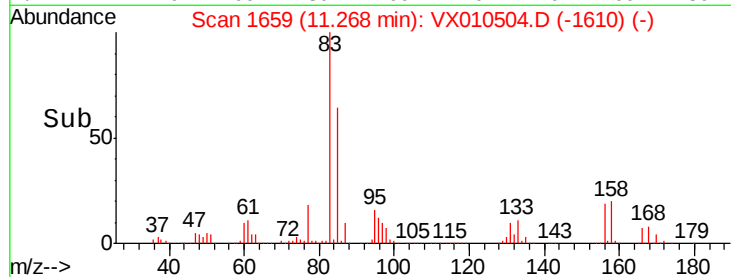
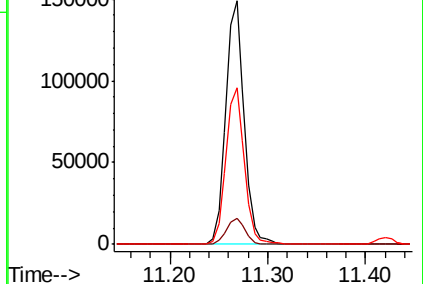
85 64.8 32.3 96.8



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: 68.465 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010504.D

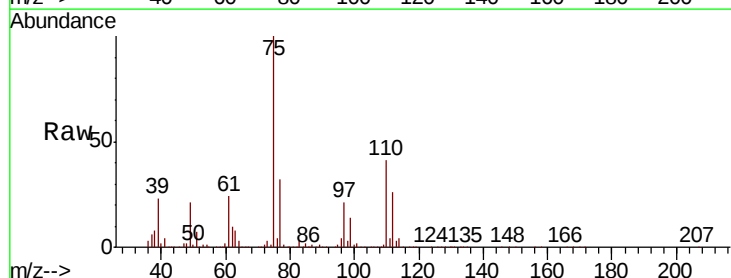
Acq: 27 Jun 2019 22:43

Tgt Ion: 75 Resp: 214058

Ion Ratio Lower Upper

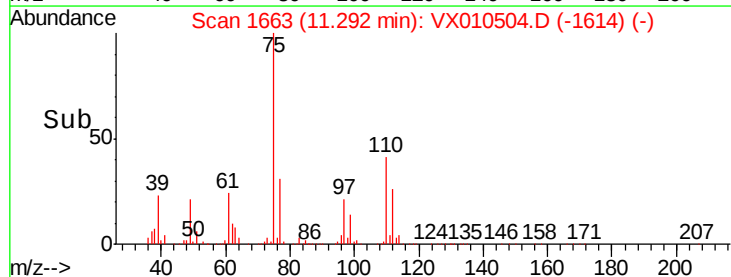
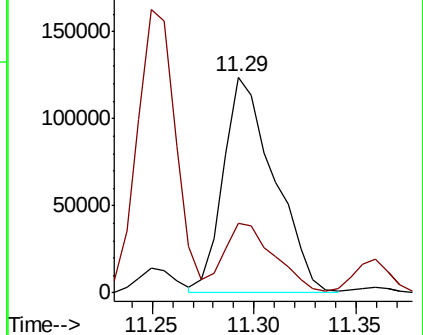
75 100

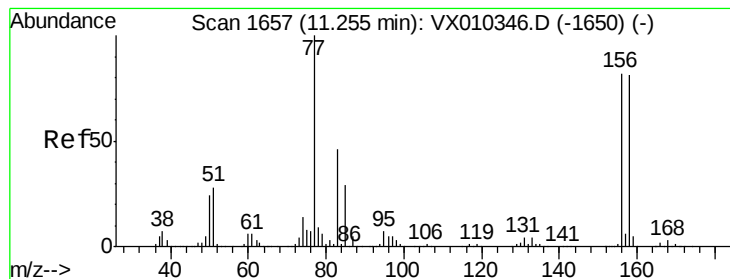
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.320 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

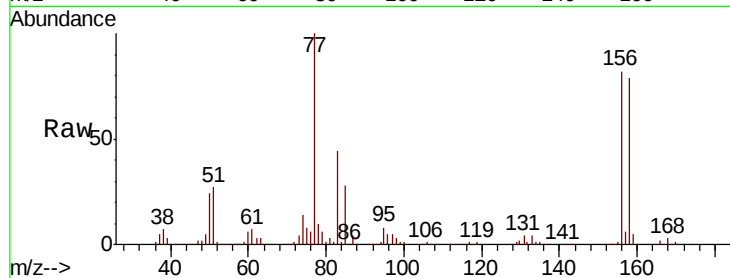
Tot Ion:156 Resp: 163417

Ion Ratio Lower Upper

156 100

77 129.8 66.3 198.7

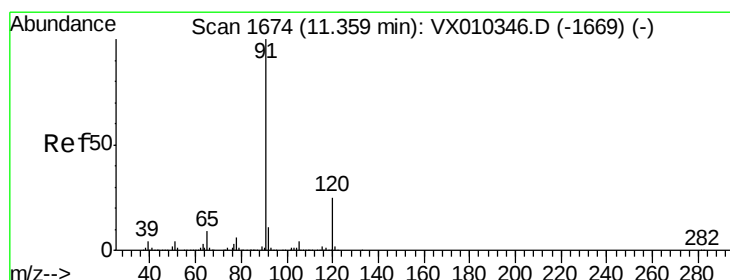
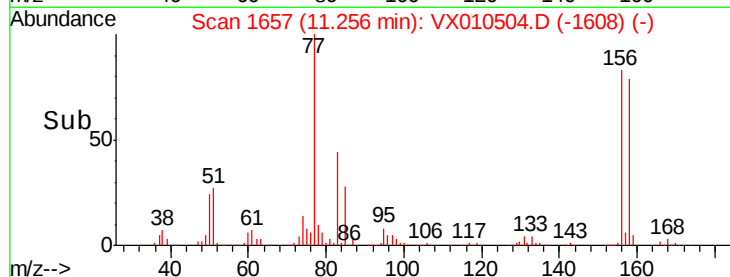
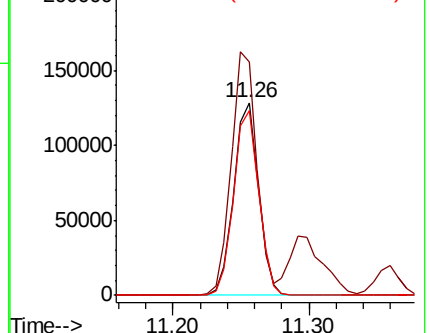
158 97.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.124 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010504.D

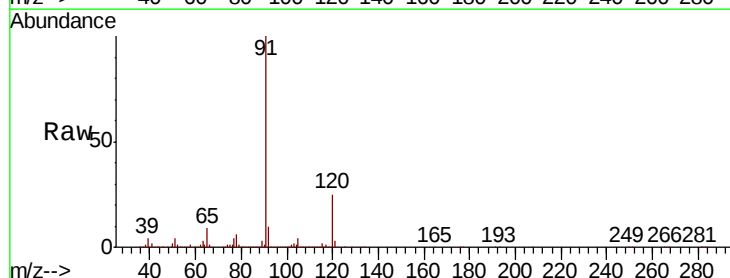
Acq: 27 Jun 2019 22:43

Tgt Ion: 91 Resp: 640706

Ion Ratio Lower Upper

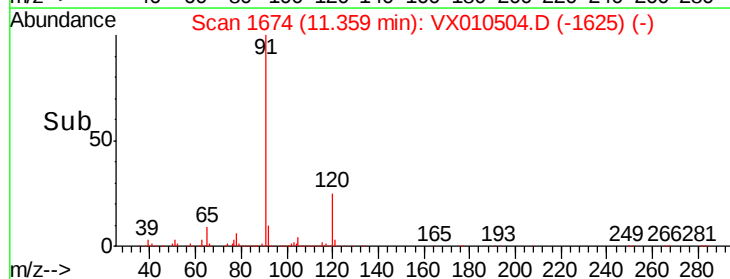
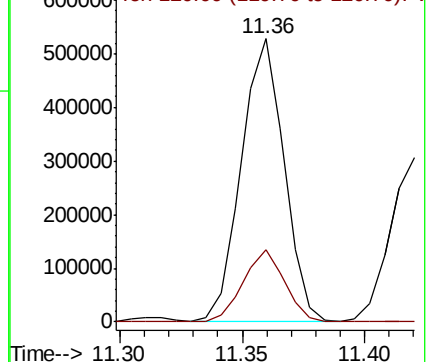
91 100

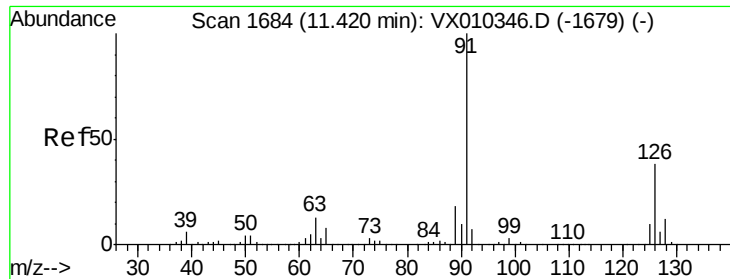
120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.725 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

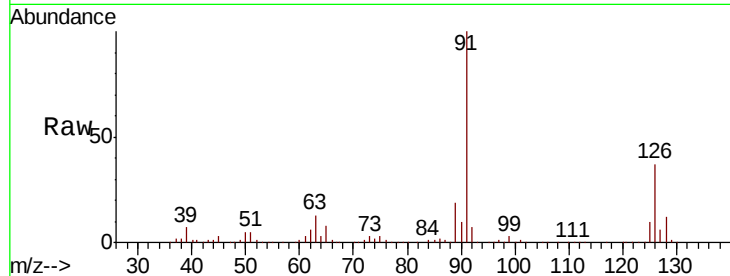
ClientSampleId :

Tot Ion: 91 Resp: 378487

Ion Ratio Lower Upper

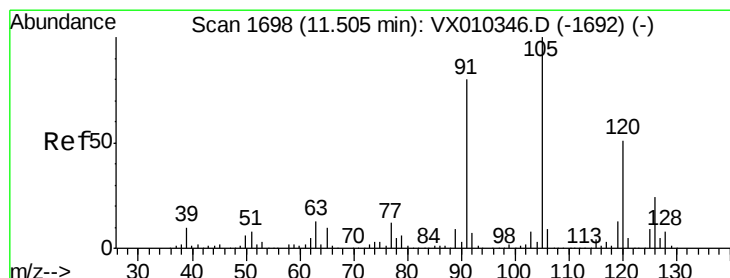
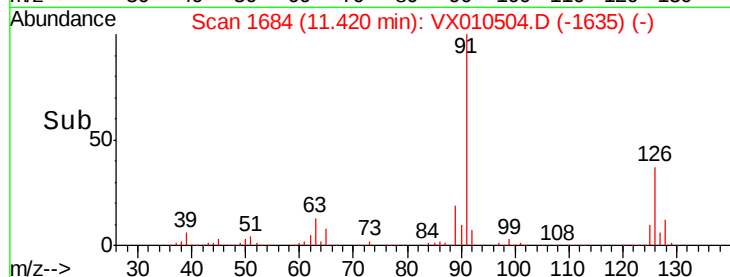
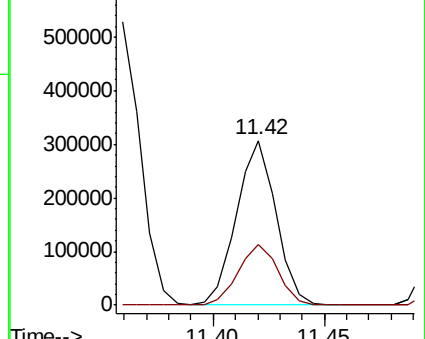
91 100

126 37.3 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.482 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010504.D

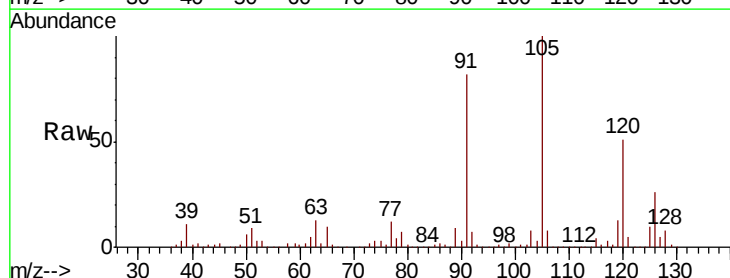
Acq: 27 Jun 2019 22:43

Tgt Ion:105 Resp: 484024

Ion Ratio Lower Upper

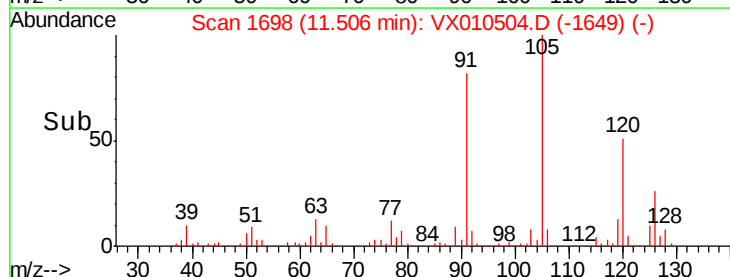
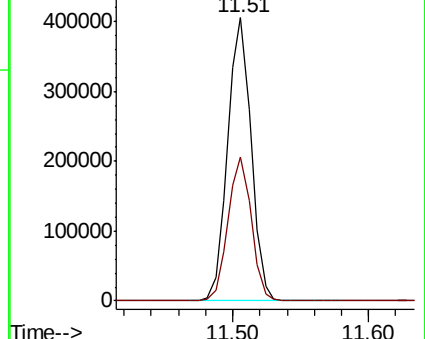
105 100

120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

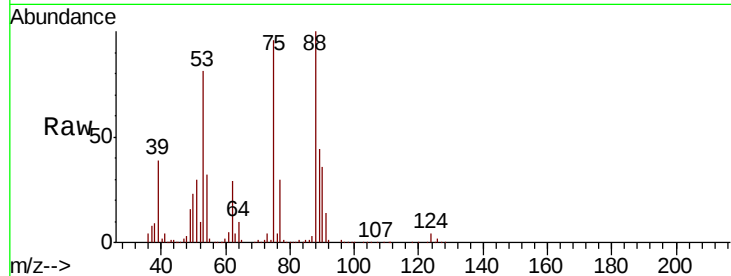




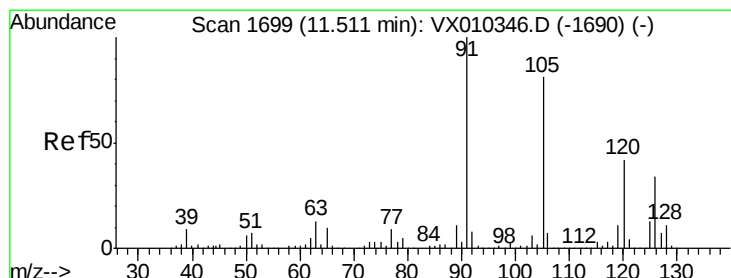
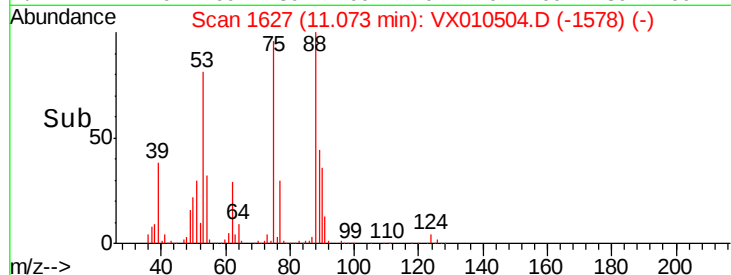
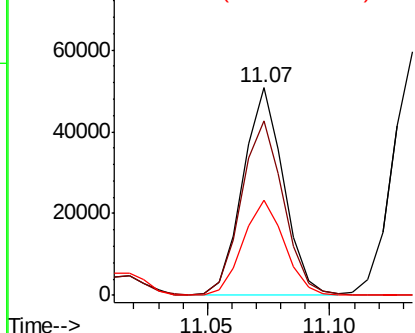
#81
trans-1,4-Dichloro-2-butene
Concen: 43.794 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 58692
Ion Ratio Lower Upper
75 100
53 86.8 66.1 99.1
89 46.6 37.8 56.6

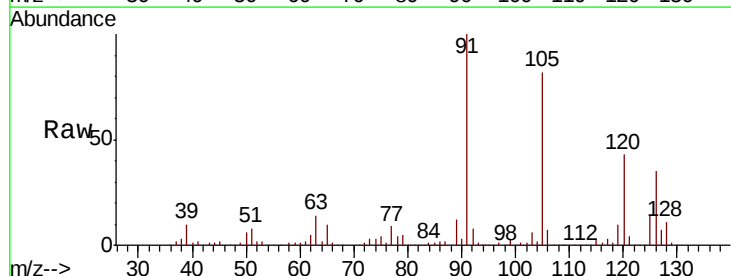


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

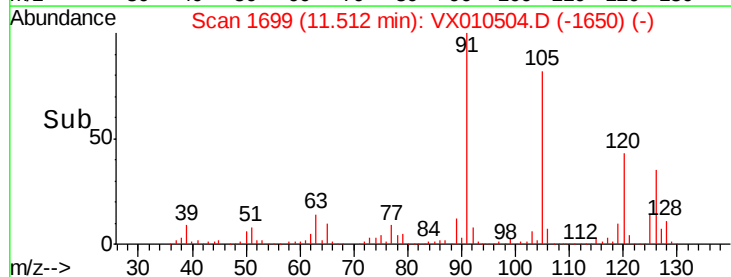
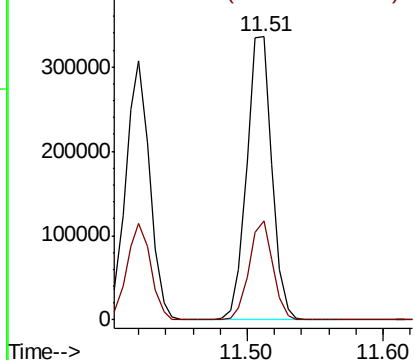


#82
4-Chlorotoluene
Concen: 50.181 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 91 Resp: 434631
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

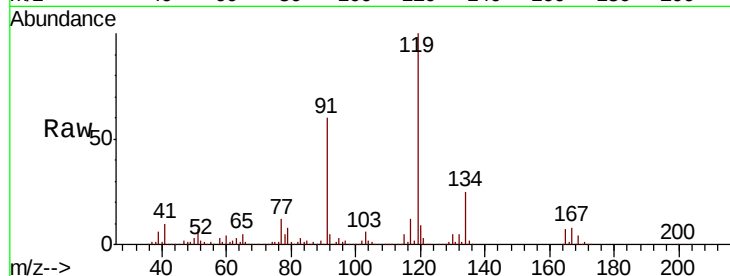




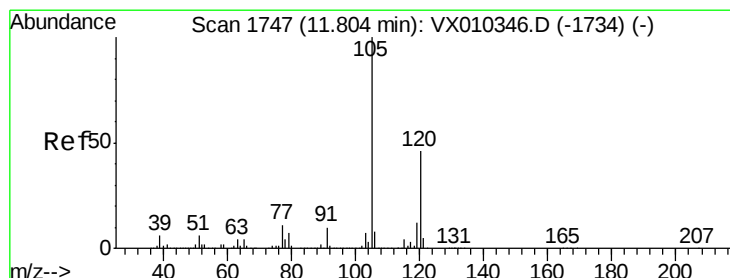
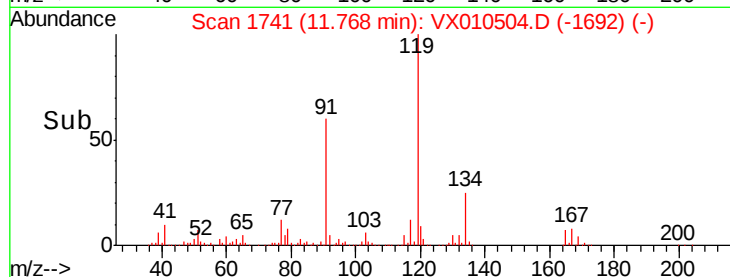
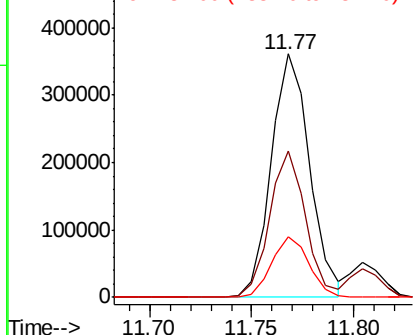
#83
tert-Butylbenzene
Concen: 49.299 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 474424
Ion Ratio Lower Upper
119 100
91 56.2 27.6 82.7
134 24.2 11.8 35.4

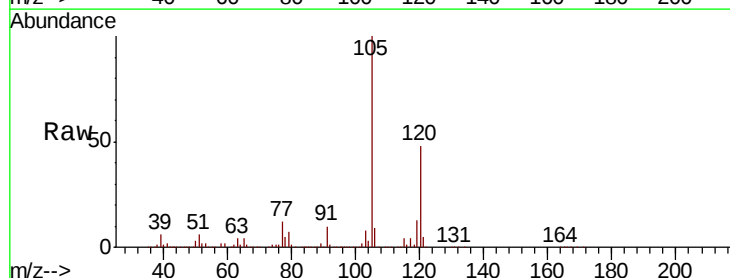


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

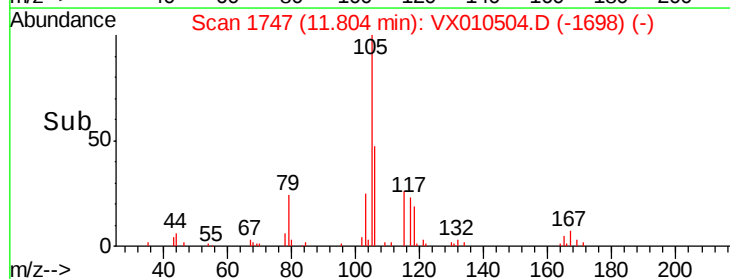
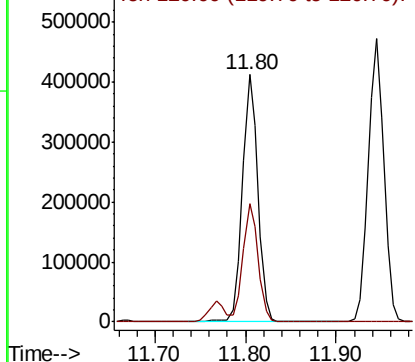


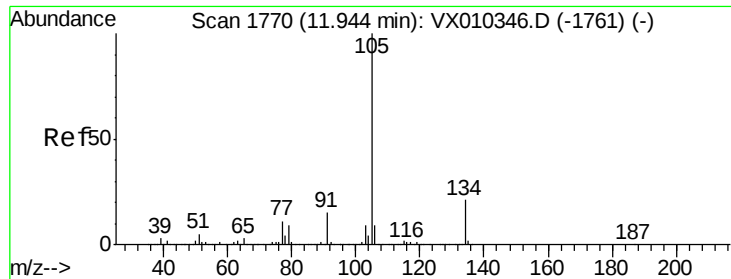
#84
1,2,4-Trimethylbenzene
Concen: 50.486 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion:105 Resp: 486327
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 50.152 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

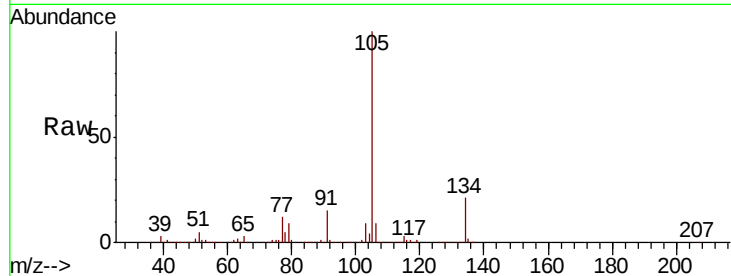
ClientSampled :

Tot Ion:105 Resp: 566674

Ion Ratio Lower Upper

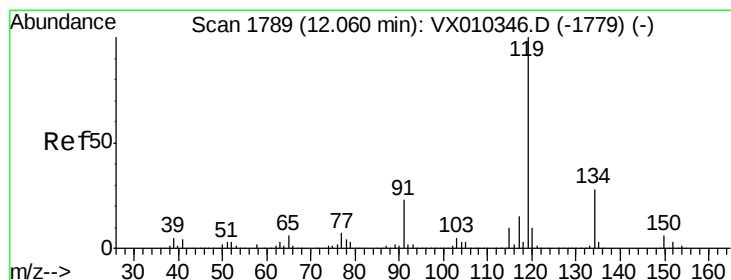
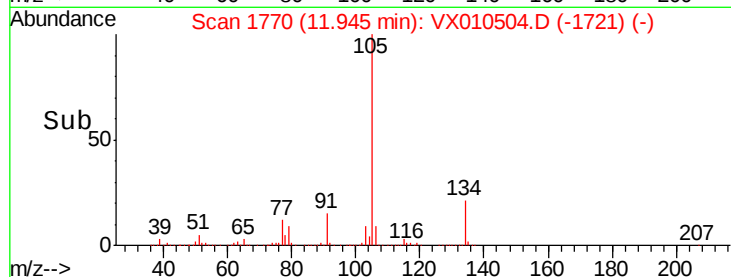
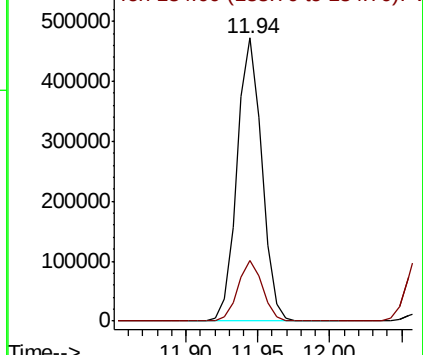
105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.115 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

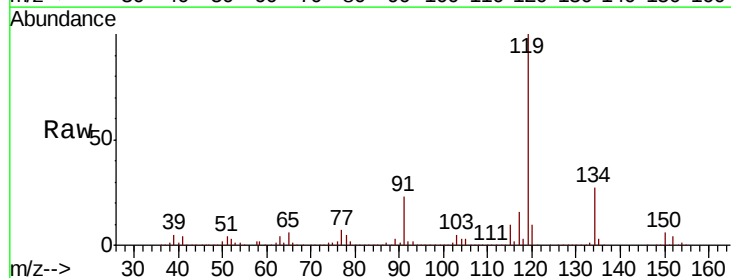
Tgt Ion:119 Resp: 523762

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

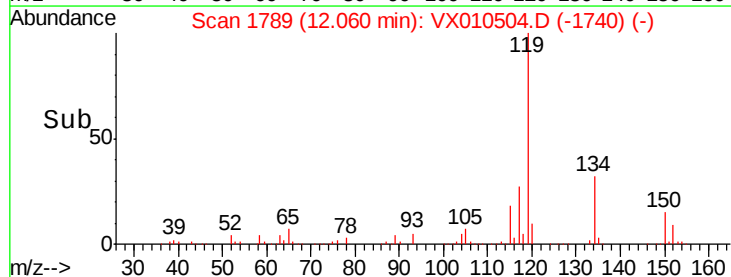
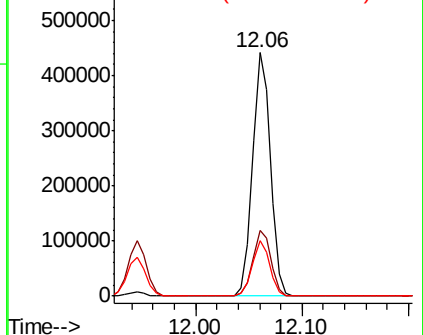
91 22.3 11.3 33.8

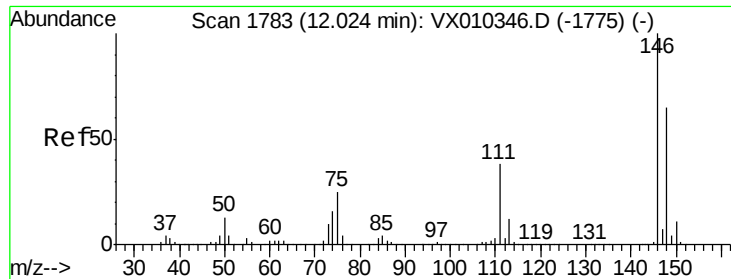


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

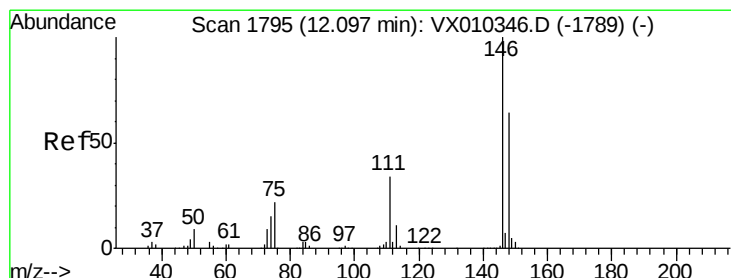
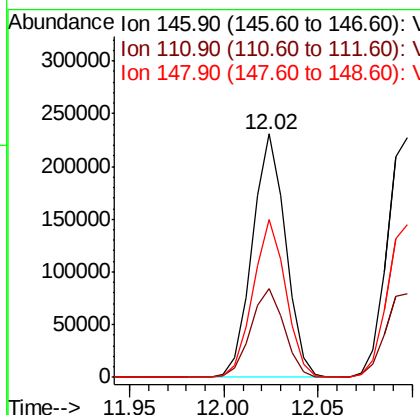
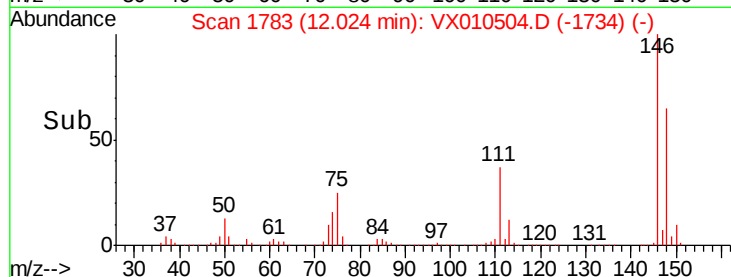
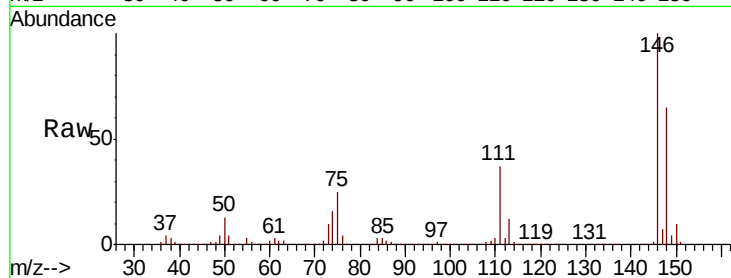




#87
 1,3-Dichlorobenzene
 Concen: 49.816 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

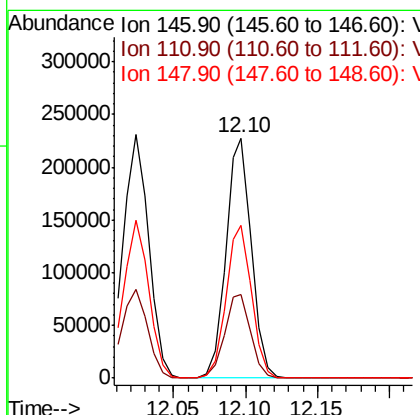
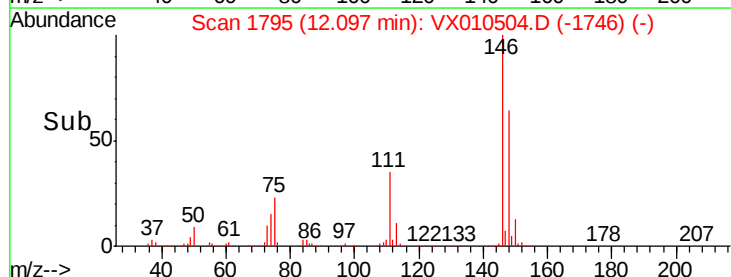
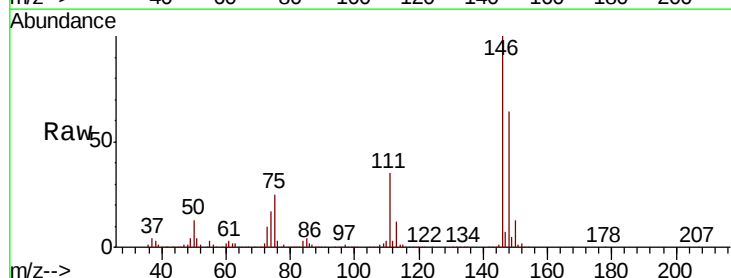
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 282400
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.1 57.1
 148 64.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 48.717 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Tgt Ion:146 Resp: 281156
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.3
 148 64.1 32.1 96.3

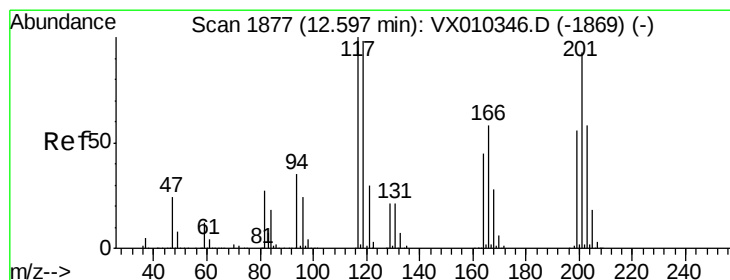
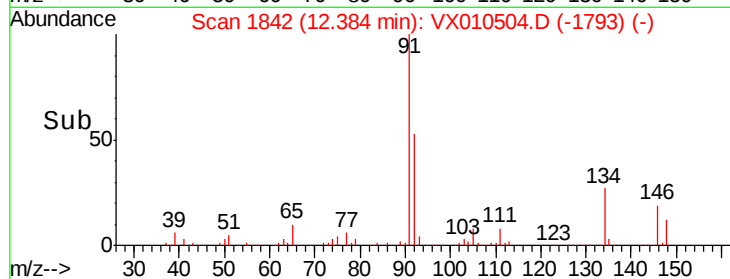
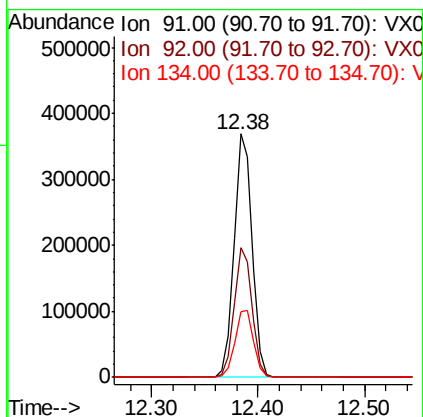
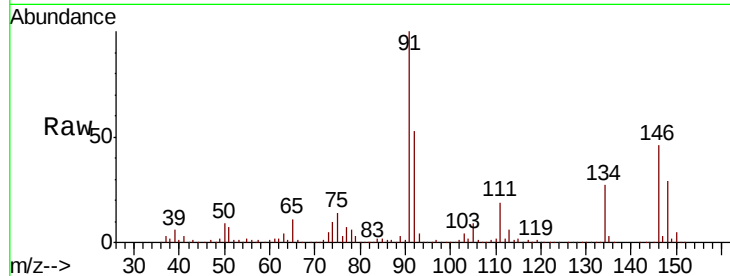




#89
n-Butylbenzene
Concen: 49.191 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

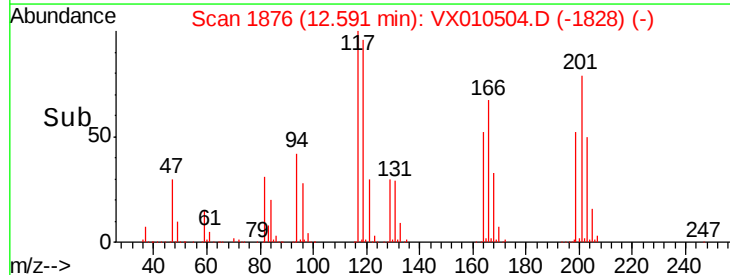
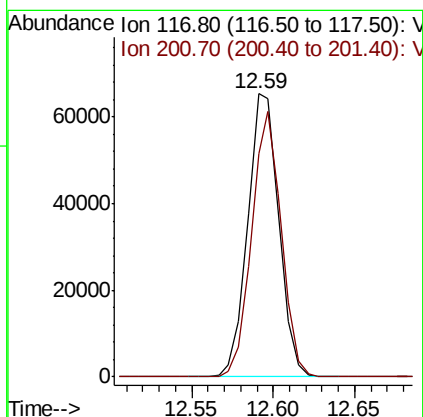
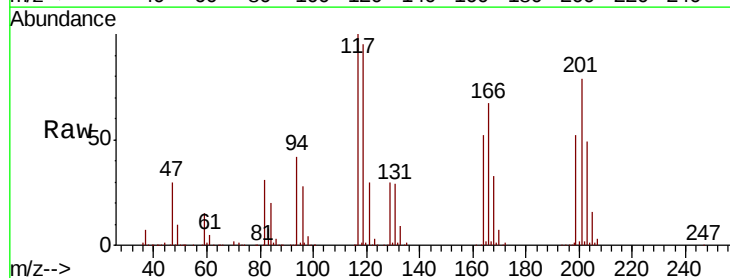
Instrument :
MSVOA_X
ClientSampled :

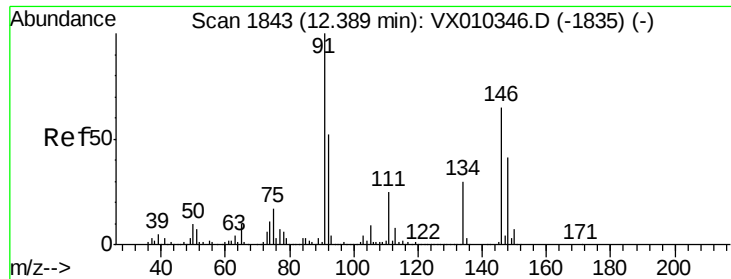
Tot Ion: 91 Resp: 436867
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 28.4 14.1 42.4



#90
Hexachloroethane
Concen: 48.158 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion: 117 Resp: 87029
Ion Ratio Lower Upper
117 100
201 88.5 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 49.262 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

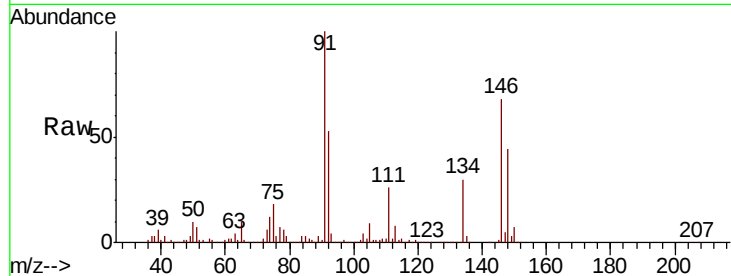
Tot Ion:146 Resp: 277546

Ion Ratio Lower Upper

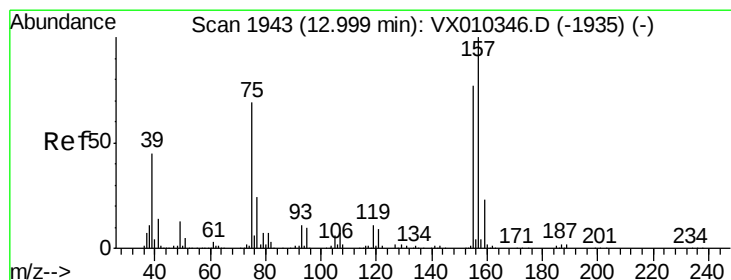
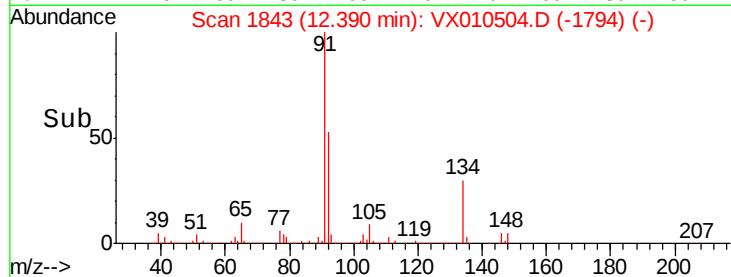
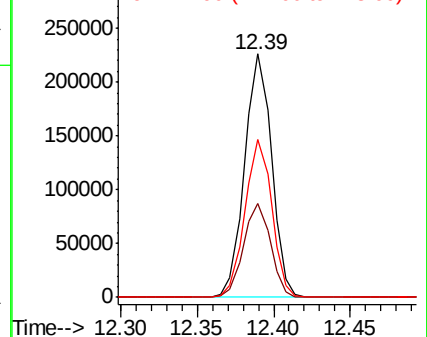
146 100

111 38.6 19.2 57.6

148 64.4 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.327 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010504.D

Acq: 27 Jun 2019 22:43

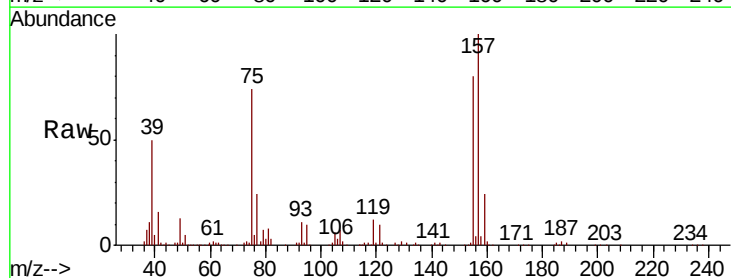
Tgt Ion: 75 Resp: 40964

Ion Ratio Lower Upper

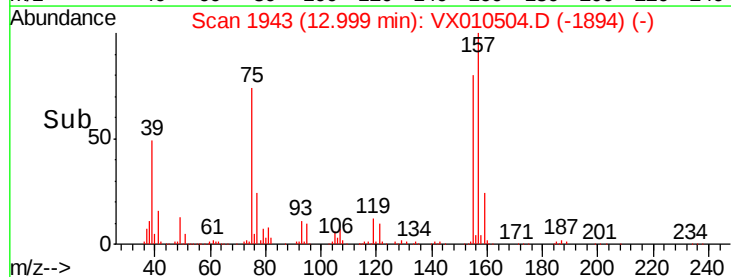
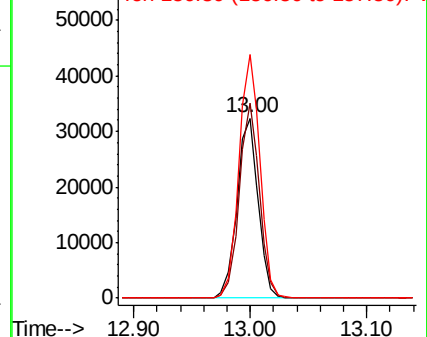
75 100

155 103.0 54.4 163.1

157 134.1 69.5 208.3



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

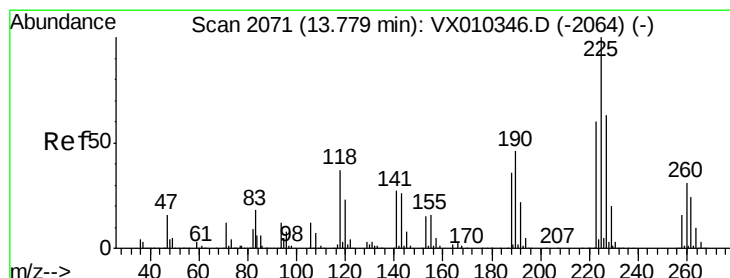
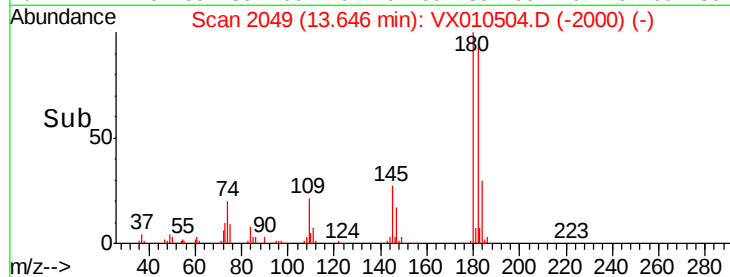
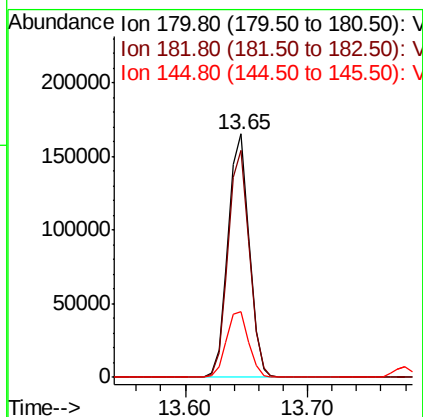
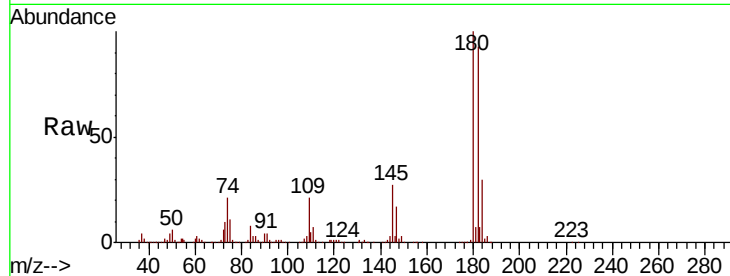




#93
 1,2,4-Trichlorobenzene
 Concen: 50.371 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

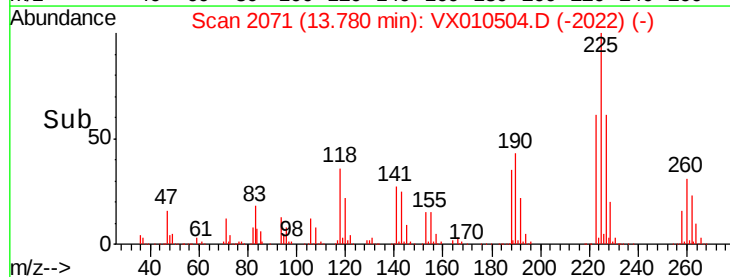
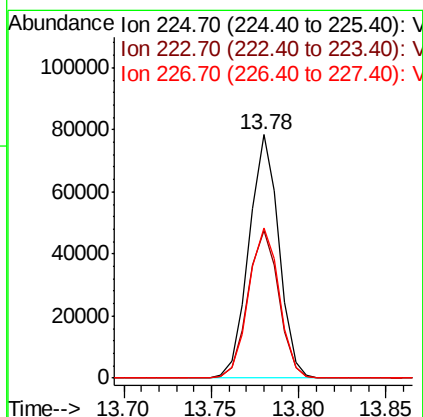
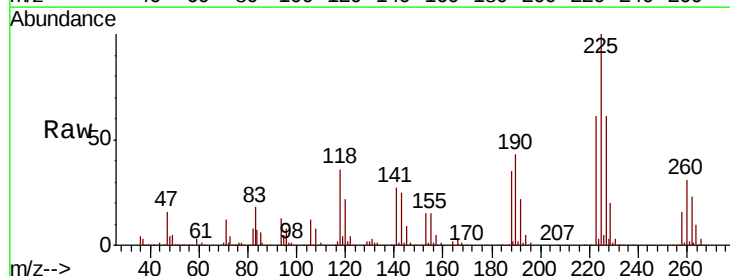
Instrument :
 MSVOA_X
 ClientSampleId :

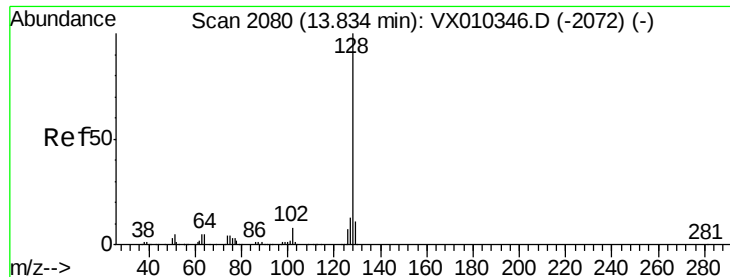
Tot Ion:180 Resp: 196808
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.0 144.0
 145 28.4 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 48.728 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010504.D
 Acq: 27 Jun 2019 22:43

Tgt Ion:225 Resp: 93049
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.7
 227 63.3 31.9 95.5

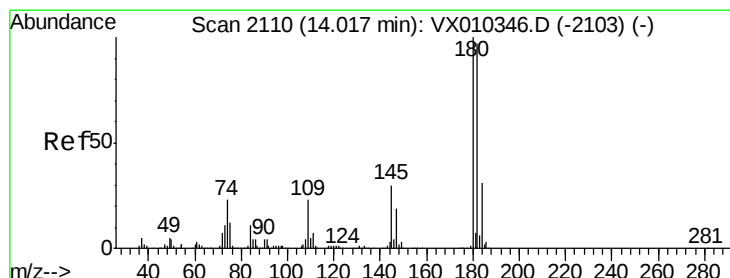
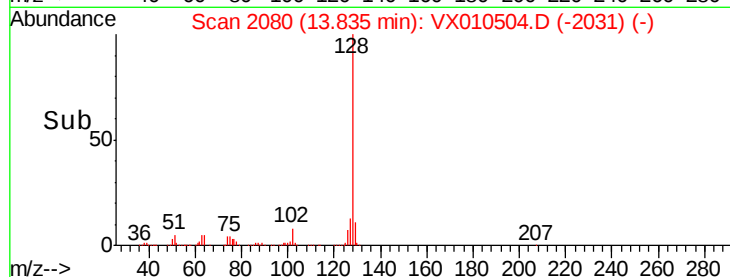
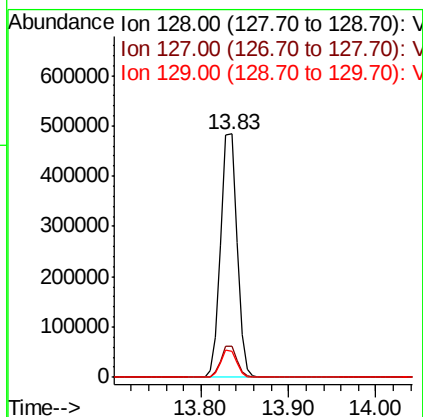
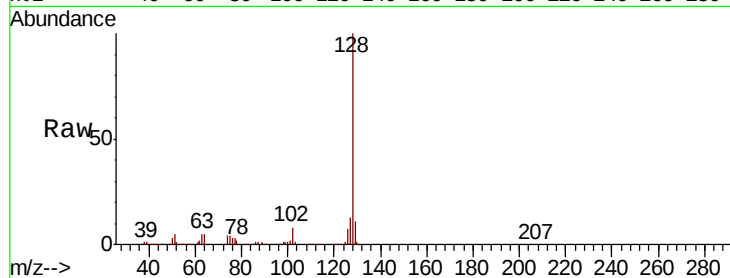




#95
Naphthalene
Concen: 51.759 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 621474
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.880 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010504.D
Acq: 27 Jun 2019 22:43

Tgt Ion:180 Resp: 197654
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 29.9 15.2 45.6

