

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010950.D
 Acq On : 18 Jul 2019 11:52
 Operator : JC/SP
 Sample : VX0718WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 01:31:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	211741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148840	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	103273	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
35) Dibromofluoromethane	5.49	113	93513	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	8.71	98	353244	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.13	95	126805	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	44328	19.965	ug/l	99
3) Chloromethane	1.33	50	39045	20.052	ug/l	97
4) Vinyl Chloride	1.41	62	40421	20.352	ug/l	98
5) Bromomethane	1.64	94	25584	22.859	ug/l	99
6) Chloroethane	1.73	64	25175	19.946	ug/l	98
7) Trichlorofluoromethane	1.93	101	68018	20.232	ug/l	99
8) Diethyl Ether	2.19	74	22759	19.648	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38175	19.887	ug/l	97
10) Methyl Iodide	2.51	142	42008	16.676	ug/l	99
11) Tert butyl alcohol	3.04	59	48383	92.227	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36178	19.182	ug/l	99
13) Acrolein	2.29	56	23574	77.776	ug/l	100
14) Allyl chloride	2.73	41	53856	19.659	ug/l	98
15) Acrylonitrile	3.14	53	103684	97.808	ug/l	99
16) Acetone	2.44	43	95842	94.204	ug/l	98
17) Carbon Disulfide	2.57	76	90147	18.633	ug/l	99
18) Methyl Acetate	2.78	43	44900	19.382	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	119009	19.601	ug/l	99
20) Methylene Chloride	2.86	84	42095	19.524	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39053	19.515	ug/l	93
22) Diisopropyl ether	3.85	45	113142	19.582	ug/l	99
23) Vinyl Acetate	3.82	43	484069	98.880	ug/l	99
24) 1,1-Dichloroethane	3.70	63	64333	19.172	ug/l	98
25) 2-Butanone	4.67	43	144074	98.651	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50296	18.255	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45649	19.710	ug/l	96
28) Bromochloromethane	5.02	49	31426	19.874	ug/l	97
29) Tetrahydrofuran	5.13	42	90245	97.551	ug/l	99
30) Chloroform	5.21	83	69995	19.299	ug/l	99
31) Cyclohexane	5.58	56	59971	19.608	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	60258	19.204	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49565	19.326	ug/l	98
37) Ethyl Acetate	4.84	43	52951	20.163	ug/l	98
38) Carbon Tetrachloride	5.79	117	51773	19.372	ug/l	99

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Quant Time: Jul 19 01:31:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65600	19.724	ug/l	94
40) Benzene	6.15	78	156262	19.890	ug/l	99
41) Methacrylonitrile	5.05	41	28330	19.003	ug/l	99
42) 1,2-Dichloroethane	6.19	62	53513	19.590	ug/l	100
43) Isopropyl Acetate	6.45	43	83385	19.310	ug/l	99
44) Trichloroethene	7.21	130	44807	19.268	ug/l	94
45) 1,2-Dichloropropane	7.51	63	39034	19.521	ug/l	95
46) Dibromomethane	7.66	93	28761	20.129	ug/l	98
47) Bromodichloromethane	7.90	83	48789	19.182	ug/l	99
48) Methyl methacrylate	7.77	41	40928	19.456	ug/l	99
49) 1,4-Dioxane	7.74	88	22978	390.489	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	281121	100.426	ug/l	99
52) Toluene	8.78	92	101252	19.619	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51838	18.955	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	58968	19.377	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42179	19.849	ug/l	98
56) Ethyl methacrylate	9.18	69	61846	19.896	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67117	19.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	144355	97.285	ug/l	99
59) 2-Hexanone	9.49	43	220546	101.579	ug/l	99
60) Dibromochloromethane	9.58	129	41894	18.792	ug/l	100
61) 1,2-Dibromoethane	9.67	107	44908	19.913	ug/l	99
64) Tetrachloroethene	9.33	164	44782	19.701	ug/l	97
65) Chlorobenzene	10.13	112	113176	19.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39716	19.042	ug/l	98
67) Ethyl Benzene	10.25	91	198464	19.647	ug/l	99
68) m/p-Xylenes	10.36	106	151060	38.985	ug/l	99
69) o-Xylene	10.69	106	73870	19.534	ug/l	99
70) Styrene	10.71	104	124410	19.735	ug/l	98
71) Bromoform	10.85	173	30298	17.690	ug/l #	99
73) Isopropylbenzene	11.02	105	197235	19.612	ug/l	100
74) N-amyl acetate	10.90	43	74036	19.266	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	64139	19.488	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	67311	25.061	ug/l	85
77) Bromobenzene	11.26	156	53863	19.416	ug/l	99
78) n-propylbenzene	11.36	91	220941	19.883	ug/l	98
79) 2-Chlorotoluene	11.42	91	128897	19.309	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164985	19.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16832	18.593	ug/l	94
82) 4-Chlorotoluene	11.51	91	148316	19.090	ug/l	99
83) tert-Butylbenzene	11.77	119	161665	19.585	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	165690	19.562	ug/l	100
85) sec-Butylbenzene	11.94	105	192173	19.869	ug/l	100
86) p-Isopropyltoluene	12.06	119	176460	19.734	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93328	19.386	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94587	19.157	ug/l	99
89) n-Butylbenzene	12.38	91	148584	19.423	ug/l	100
90) Hexachloroethane	12.60	117	25345	17.970	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	94423	19.790	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12792	18.594	ug/l	97

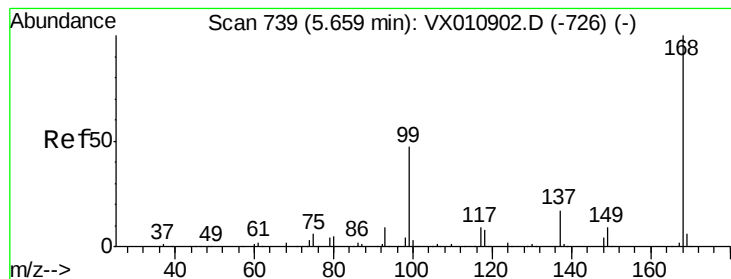
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
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ClientSampleId :

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62456	19.315	ug/l	100
94) Hexachlorobutadiene	13.78	225	31238	19.495	ug/l	97
95) Naphthalene	13.83	128	192249	20.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	64491	20.045	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. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

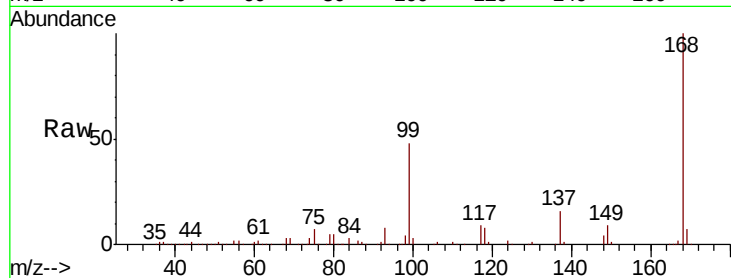
ClientSampled :

Tot Ion:168 Resp: 211741

Ion Ratio Lower Upper

168 100

99 48.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

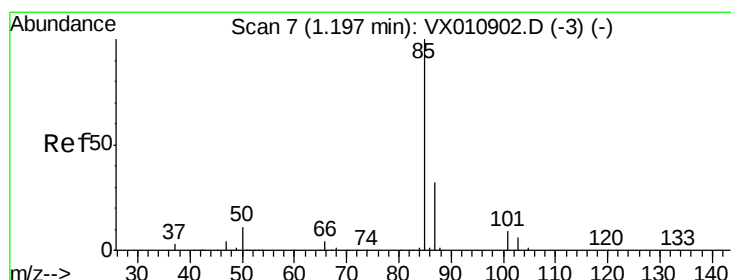
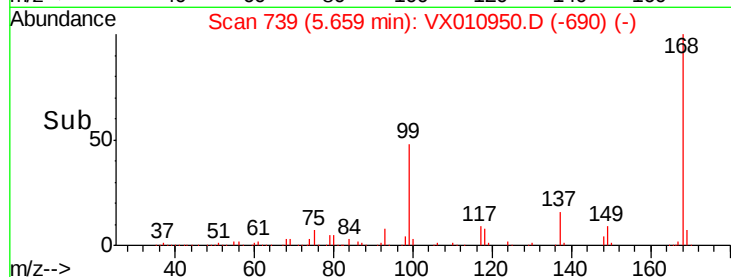
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.965 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010950.D

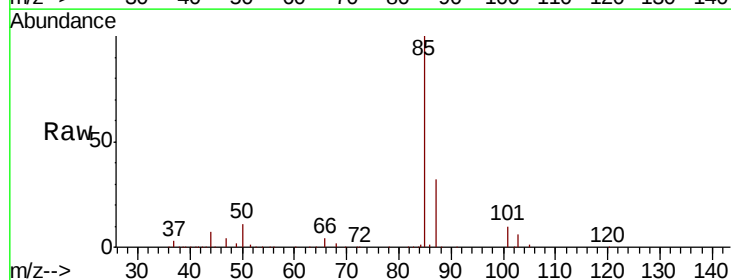
Acq: 18 Jul 2019 11:52

Tgt Ion: 85 Resp: 44328

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

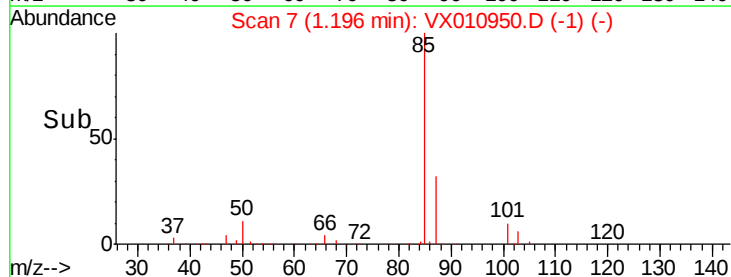
20000

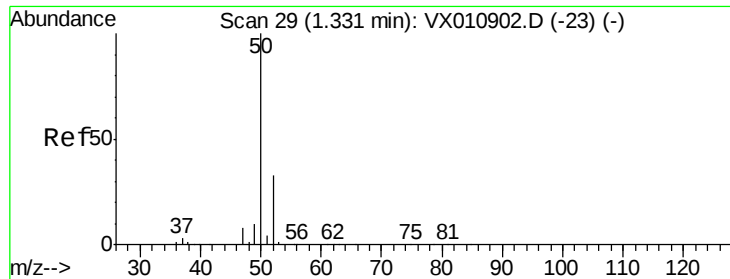
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.052 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

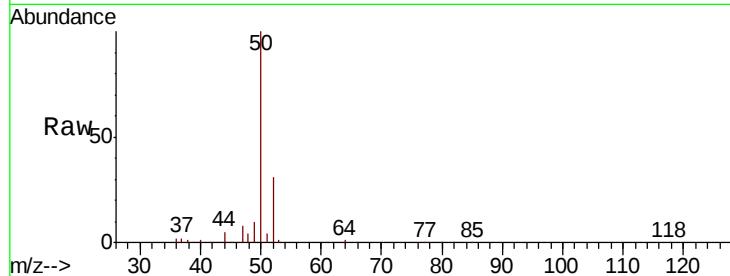
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 39045

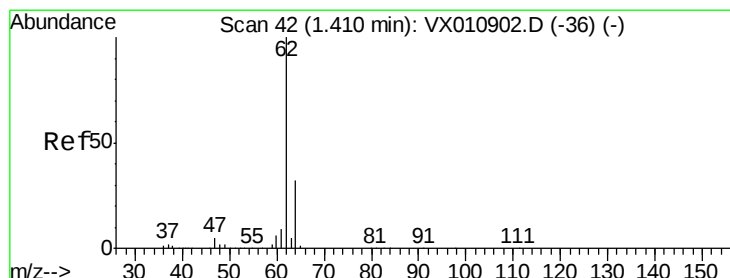
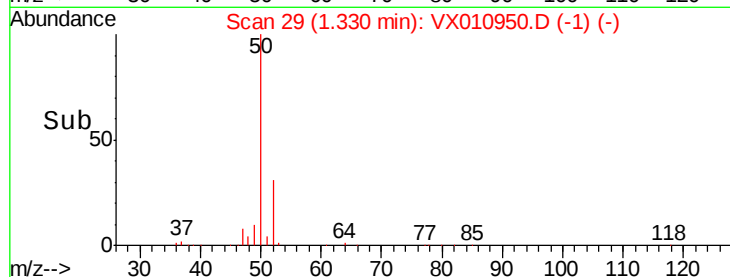
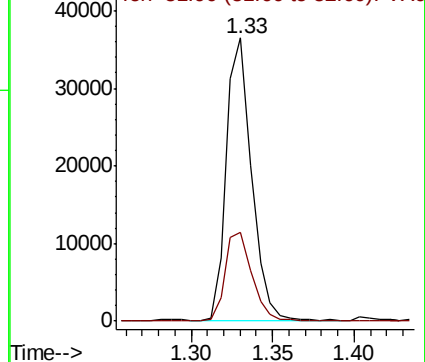
Ion Ratio Lower Upper

50 100

52 31.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.352 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010950.D

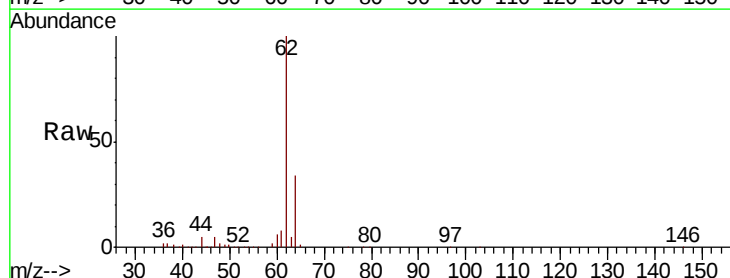
Acq: 18 Jul 2019 11:52

Tgt Ion: 62 Resp: 40421

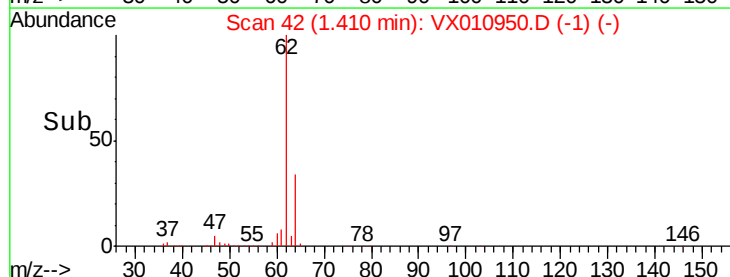
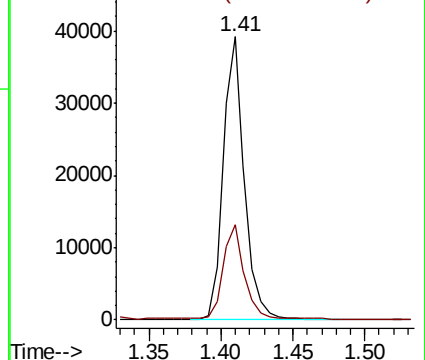
Ion Ratio Lower Upper

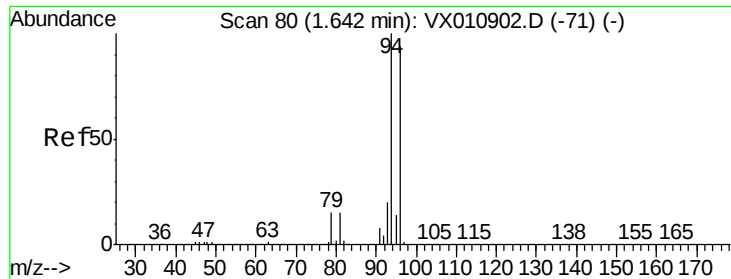
62 100

64 33.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.859 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

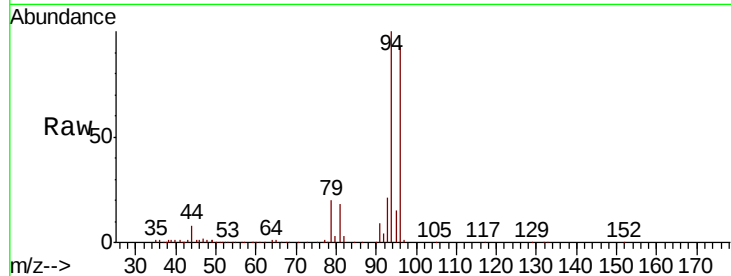
ClientSampled :

Tot Ion: 94 Resp: 25584

Ion Ratio Lower Upper

94 100

96 93.6 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

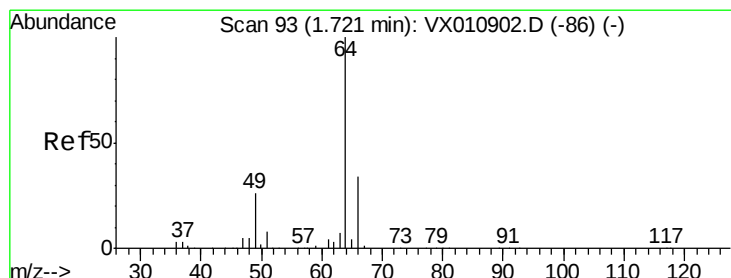
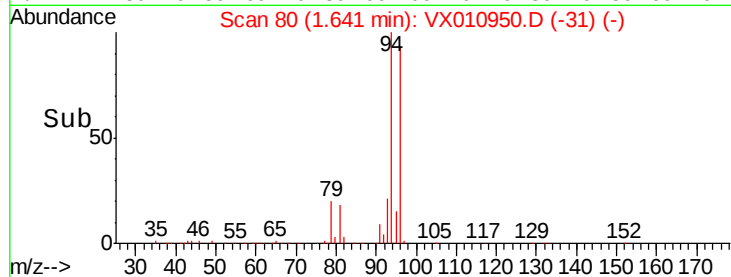
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 19.946 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010950.D

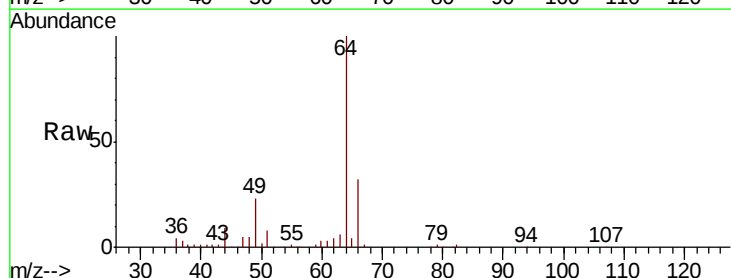
Acq: 18 Jul 2019 11:52

Tgt Ion: 64 Resp: 25175

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

20000

15000

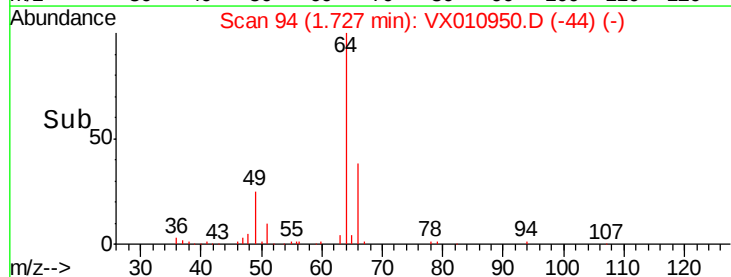
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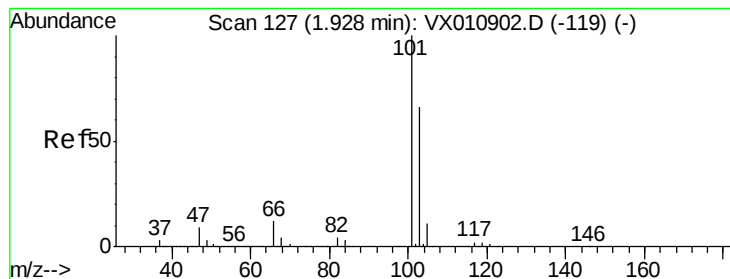
5000

0

Time-->

1.65 1.70 1.75 1.80



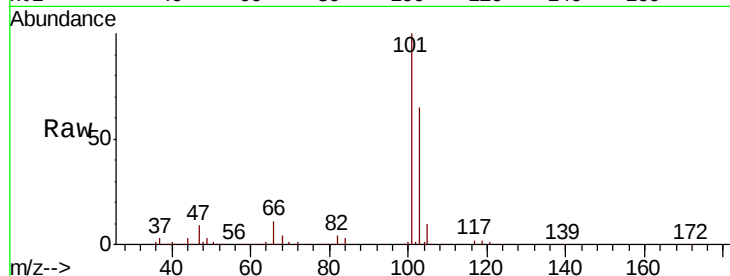


#7

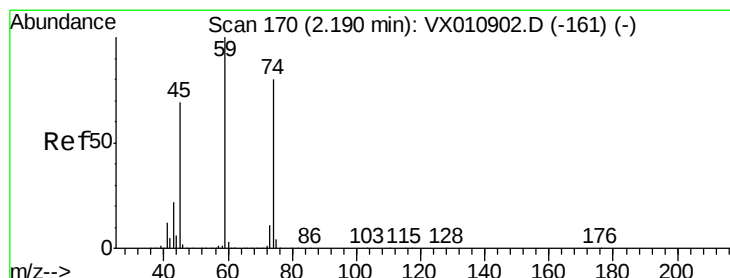
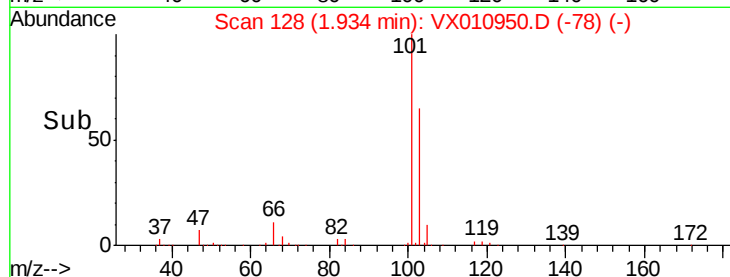
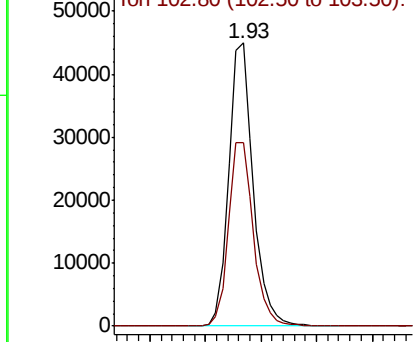
Trichlorofluoromethane
Concen: 20.232 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 68018
Ion Ratio Lower Upper
101 100
103 64.9 52.6 78.8



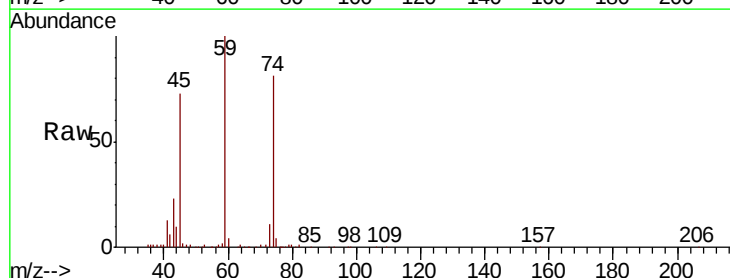
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



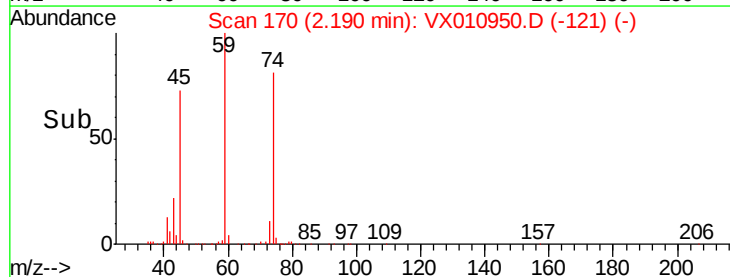
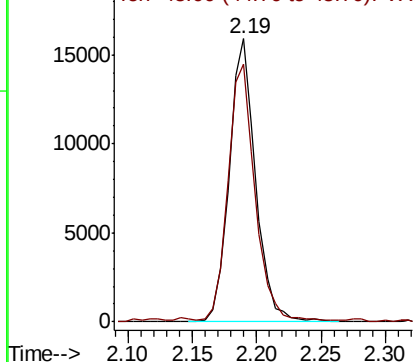
#8

Diethyl Ether
Concen: 19.648 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 74 Resp: 22759
Ion Ratio Lower Upper
74 100
45 91.8 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.887 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

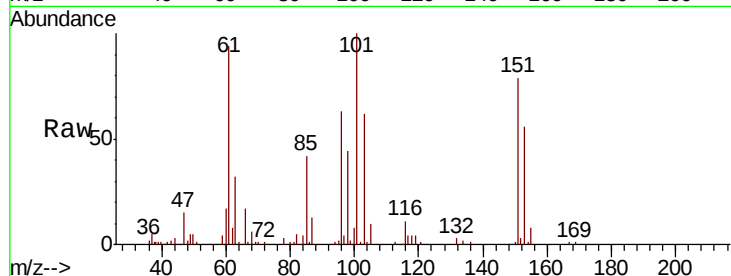
Tot Ion:101 Resp: 38175

Ion Ratio Lower Upper

101 100

85 44.7 34.6 52.0

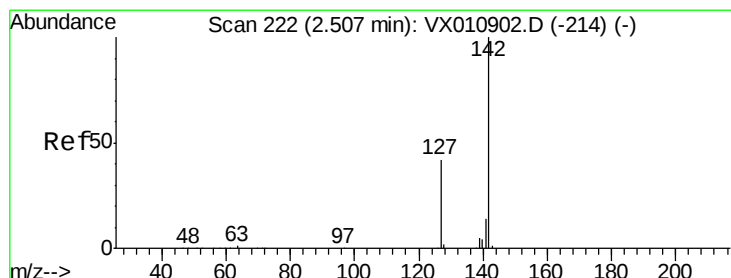
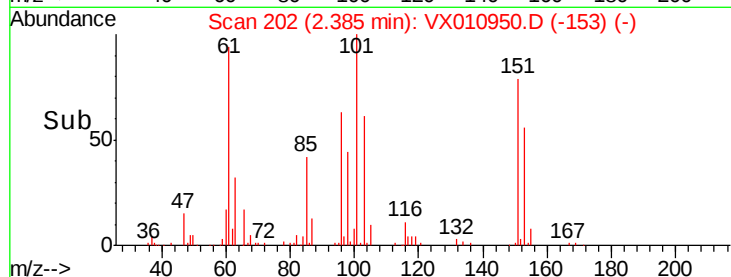
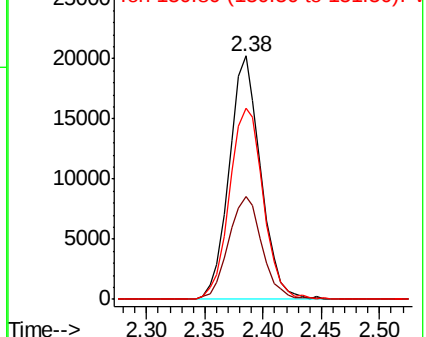
151 84.2 69.6 104.4



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: 16.676 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

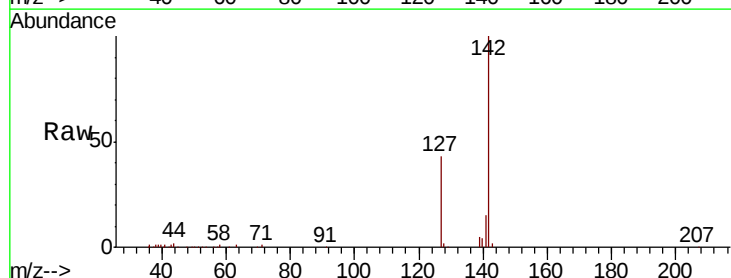
Tgt Ion:142 Resp: 42008

Ion Ratio Lower Upper

142 100

127 42.6 34.2 51.4

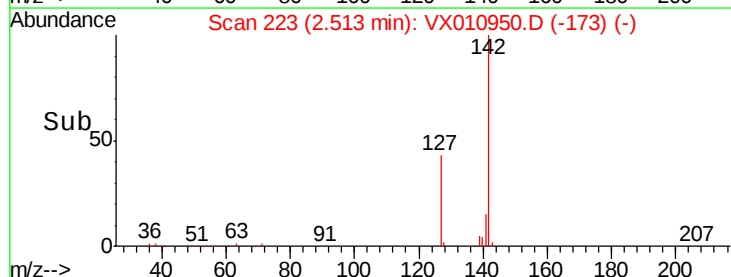
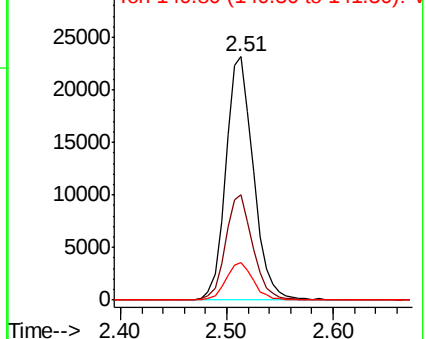
141 15.1 11.7 17.5



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

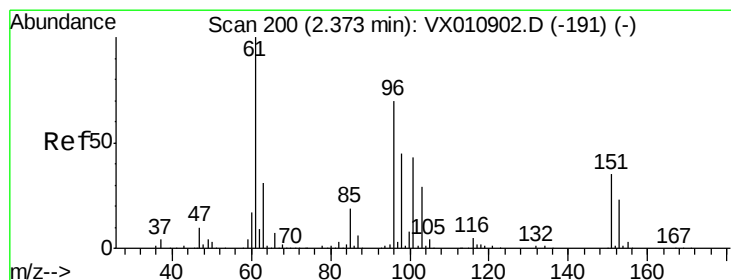
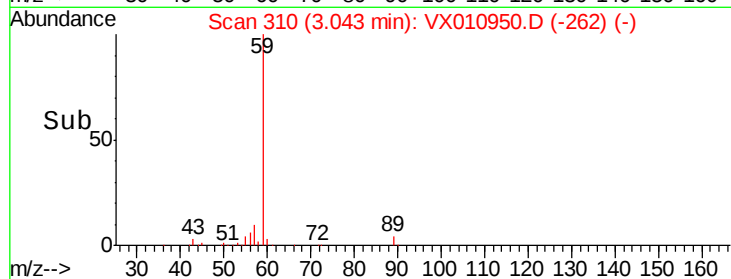
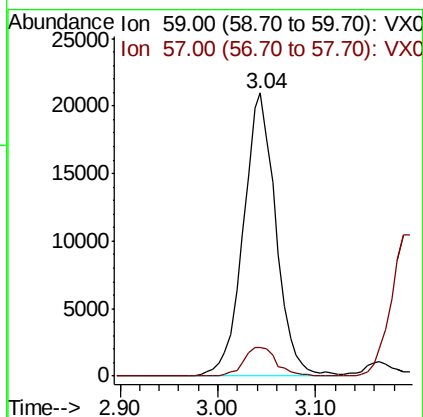
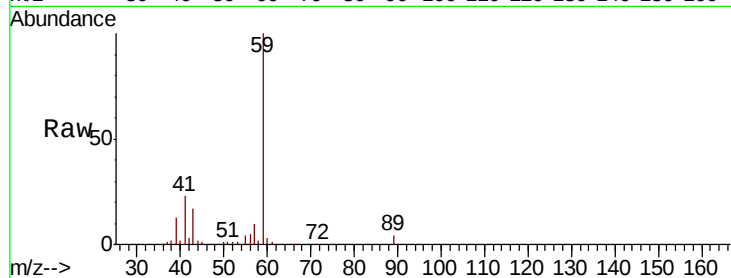




#11
Tert butyl alcohol
Concen: 92.227 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

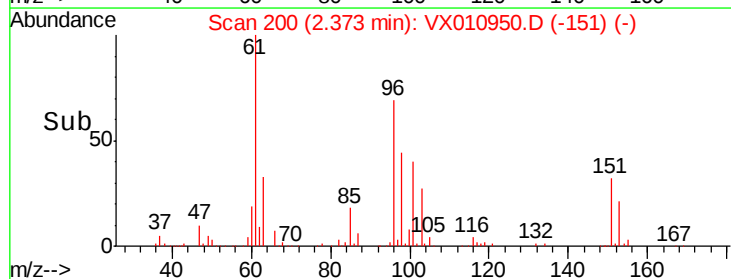
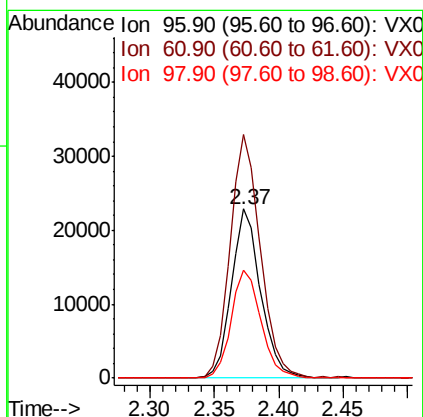
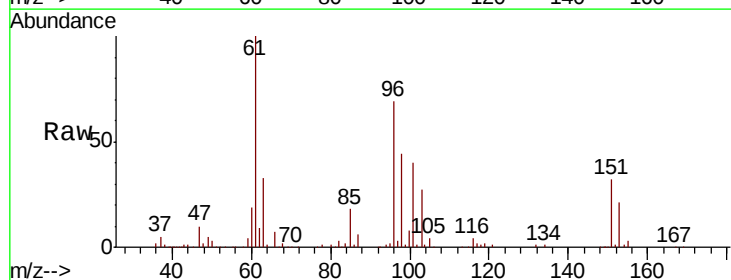
Instrument :
MSVOA_X
ClientSampleId :

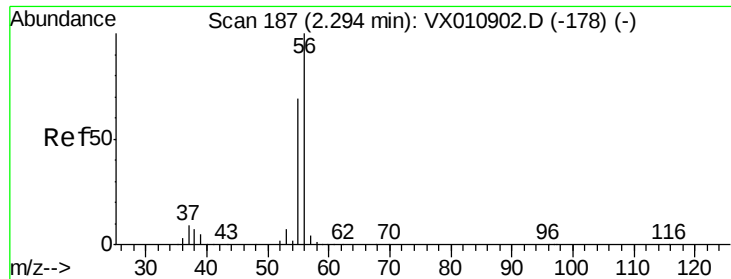
Tot Ion: 59 Resp: 48383
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.182 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 96 Resp: 36178
Ion Ratio Lower Upper
96 100
61 143.8 115.0 172.4
98 63.7 52.2 78.2





#13

Acrolein

Concen: 77.776 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

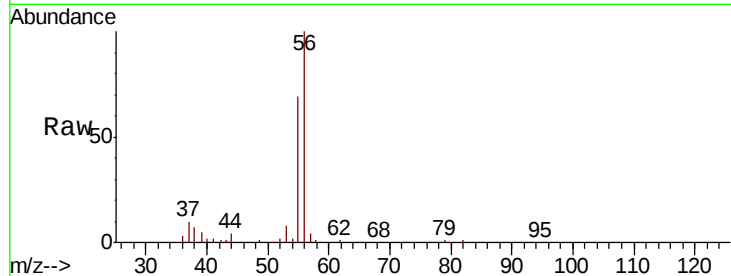
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 23574

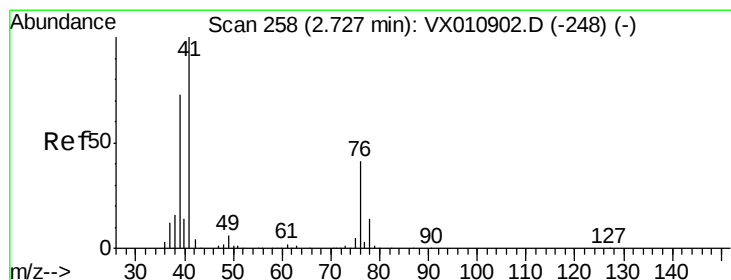
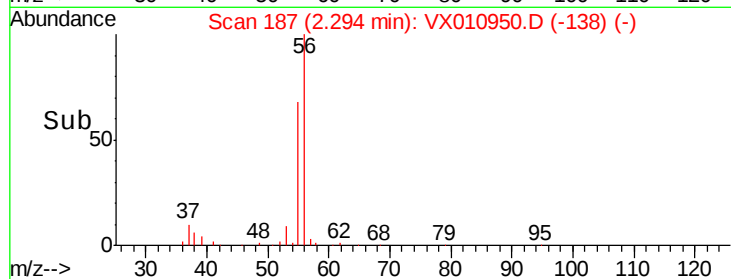
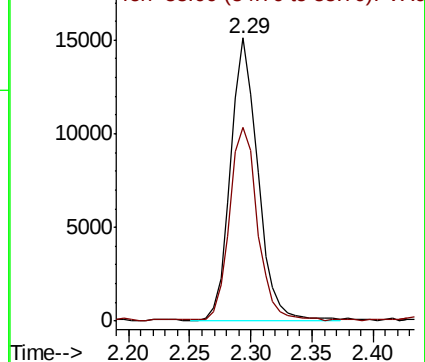
Ion Ratio Lower Upper

56 100

55 70.3 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.659 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

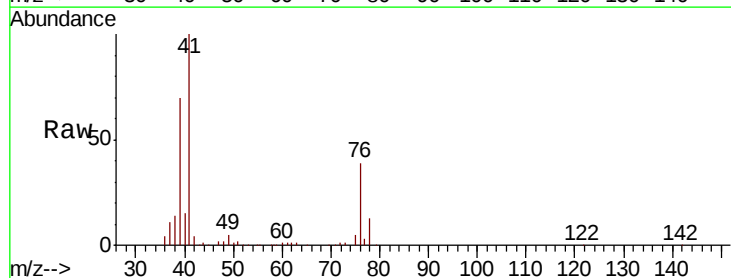
Tgt Ion: 41 Resp: 53856

Ion Ratio Lower Upper

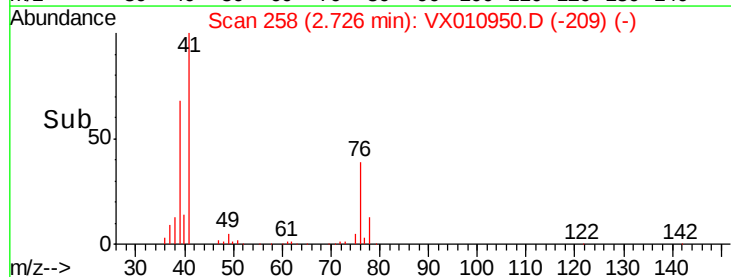
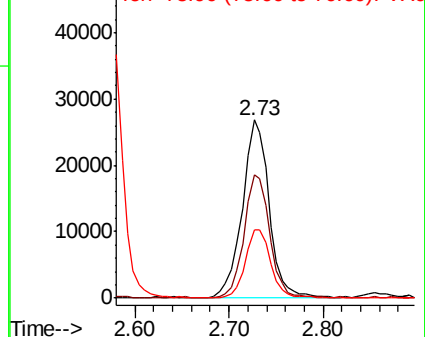
41 100

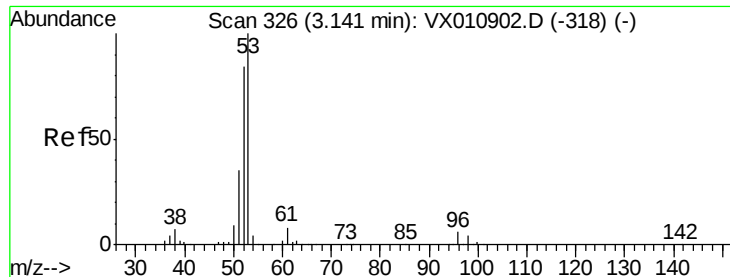
39 65.2 53.6 80.4

76 36.3 29.7 44.5



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





#15

Acrylonitrile

Concen: 97.808 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

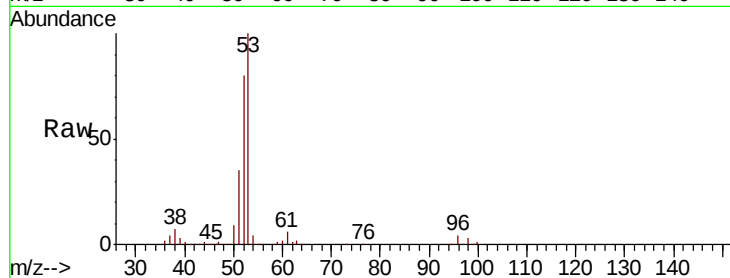
Tot Ion: 53 Resp: 103684

Ion Ratio Lower Upper

53 100

52 82.3 66.5 99.7

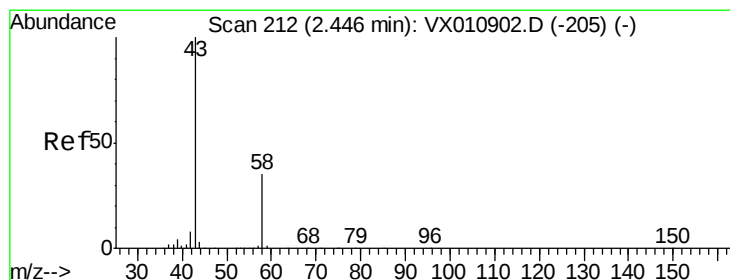
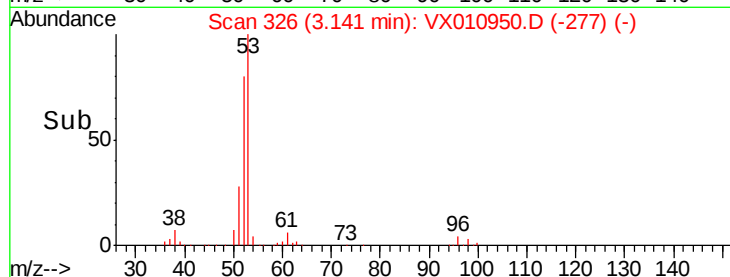
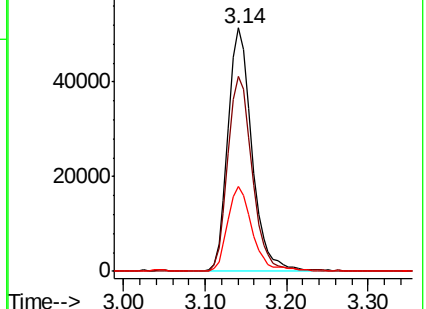
51 36.1 28.2 42.4



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: 94.204 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010950.D

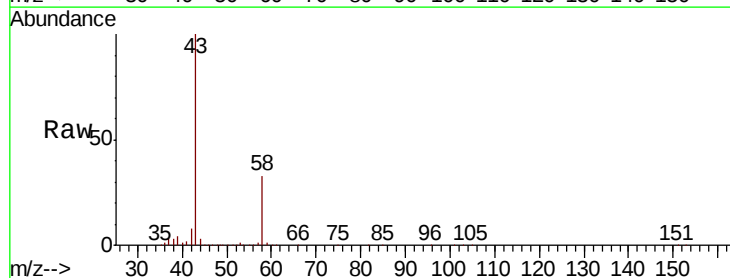
Acq: 18 Jul 2019 11:52

Tgt Ion: 43 Resp: 95842

Ion Ratio Lower Upper

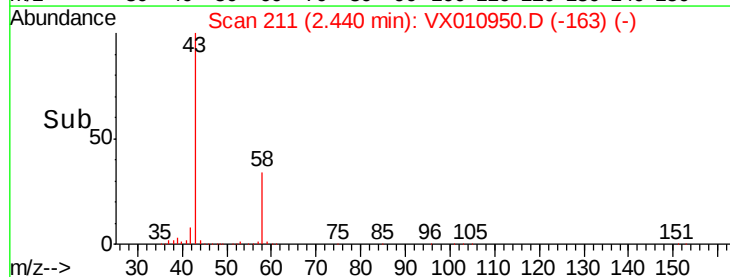
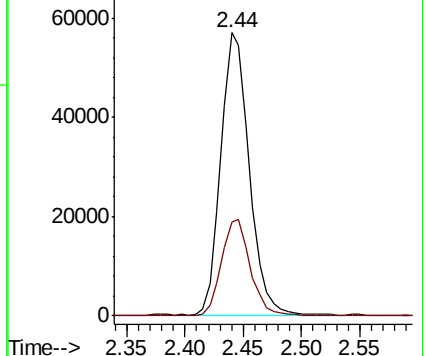
43 100

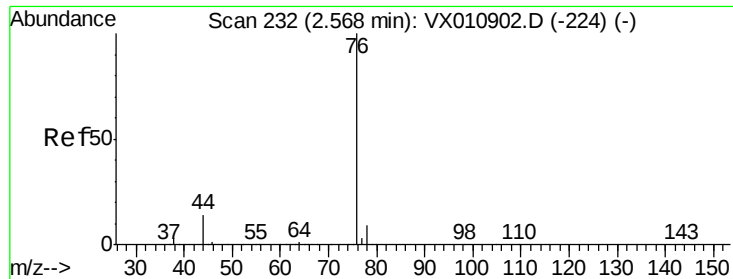
58 33.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

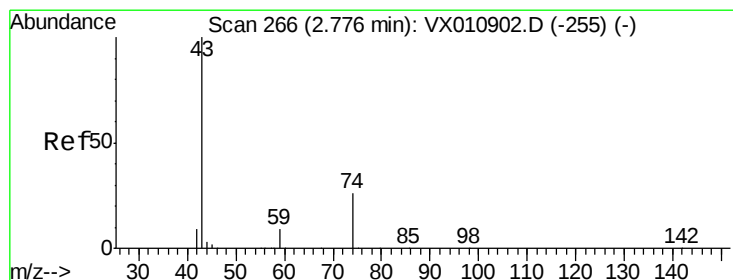
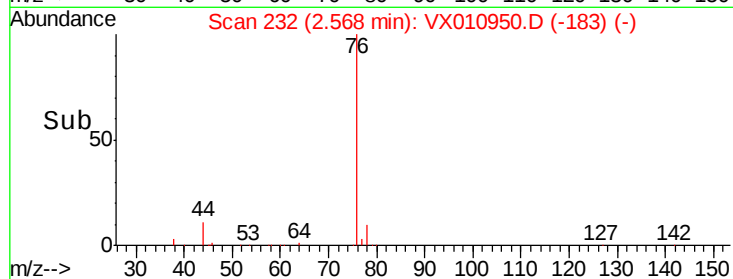
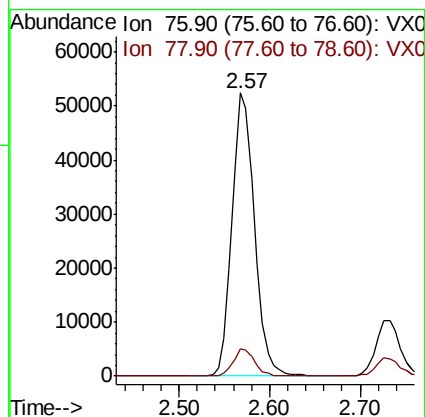
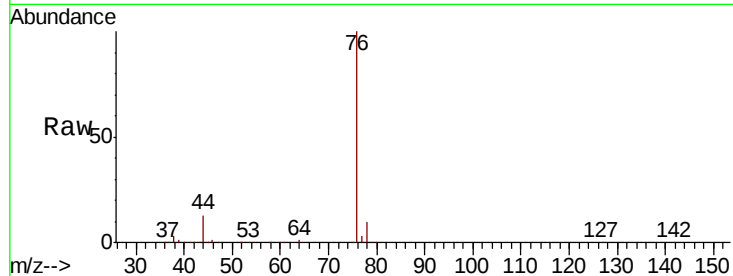




#17
Carbon Disulfide
Concen: 18.633 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

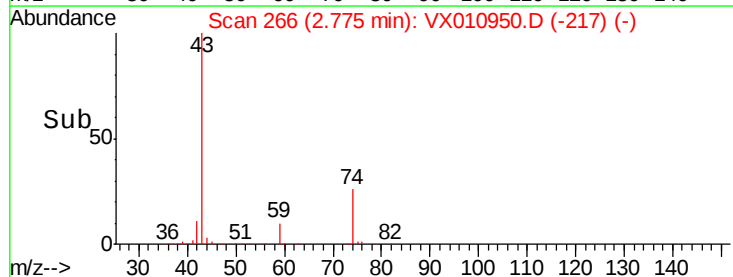
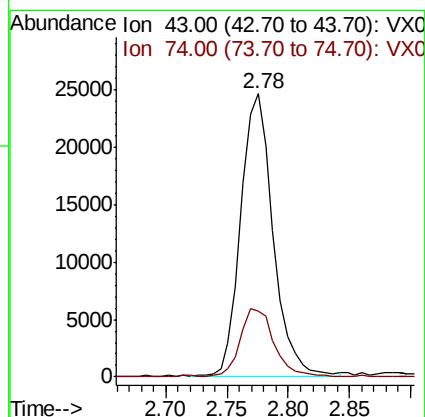
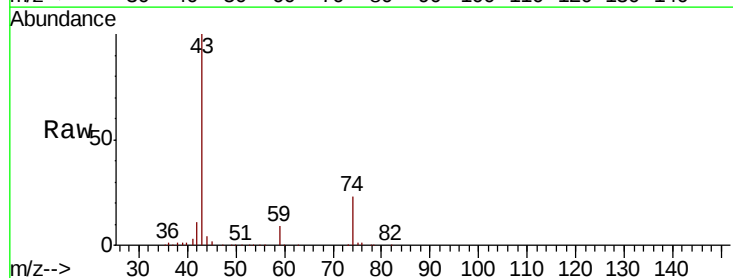
Instrument :
MSVOA_X
ClientSampled :

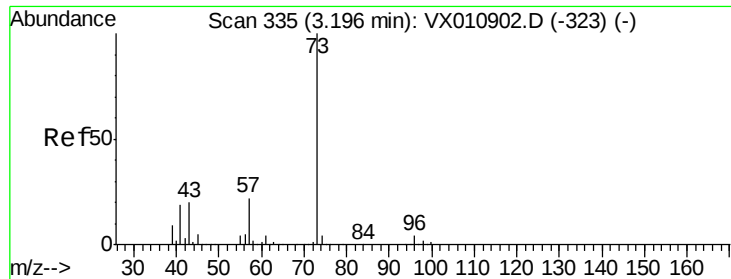
Tot Ion: 76 Resp: 90147
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 19.382 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 43 Resp: 44900
Ion Ratio Lower Upper
43 100
74 25.7 21.5 32.3

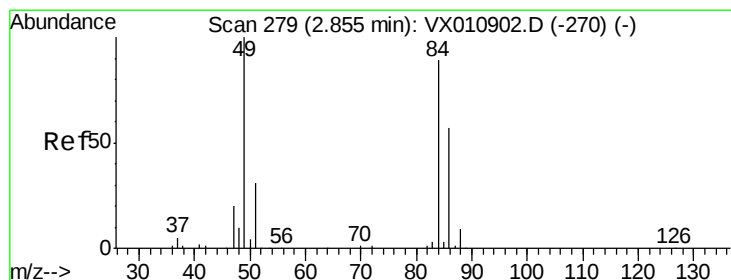
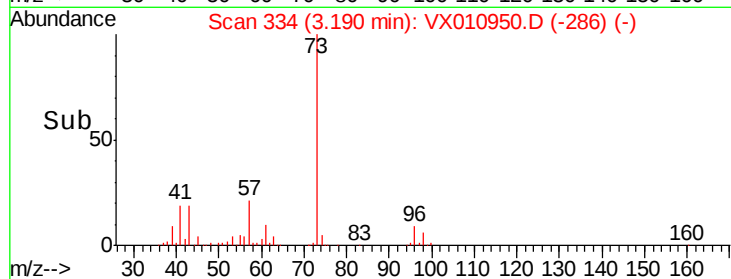
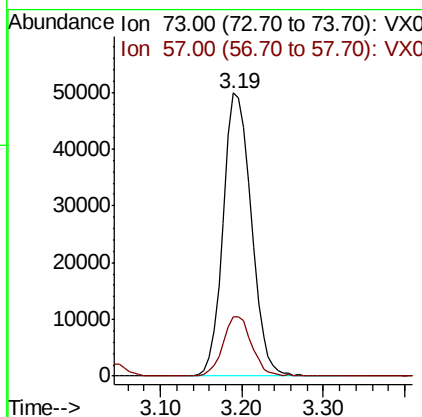
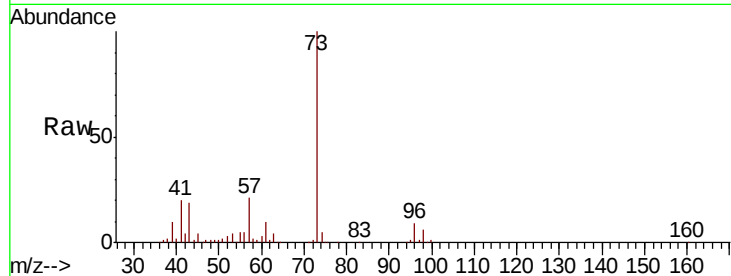




#19
Methvl tert-butvl Ether
Concen: 19.601 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

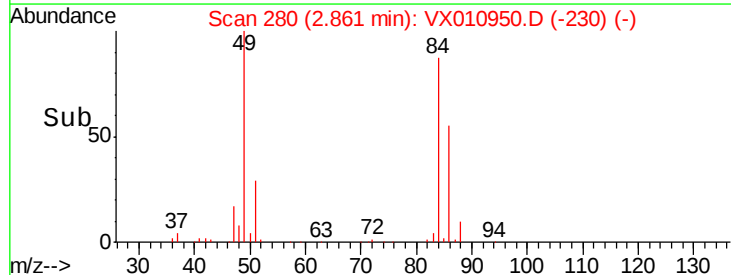
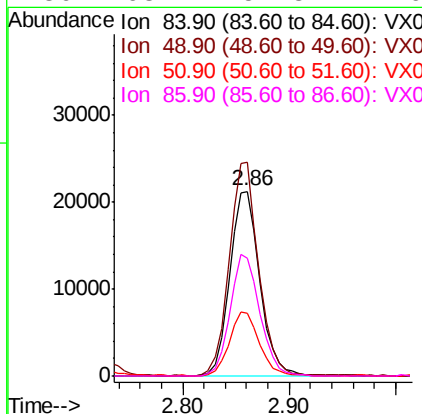
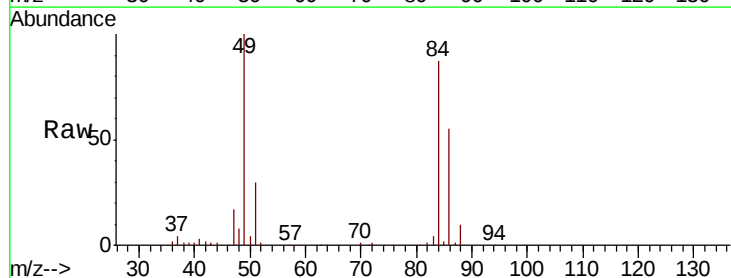
Instrument :
MSVOA_X
ClientSampled :

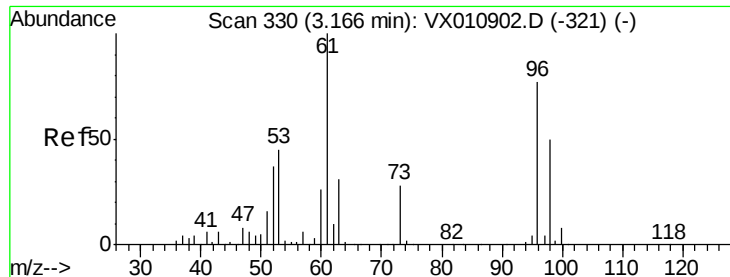
Tot Ion: 73 Resp: 119009
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 19.524 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 84 Resp: 42095
Ion Ratio Lower Upper
84 100
49 115.5 89.9 134.9
51 34.3 27.8 41.6
86 63.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.515 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

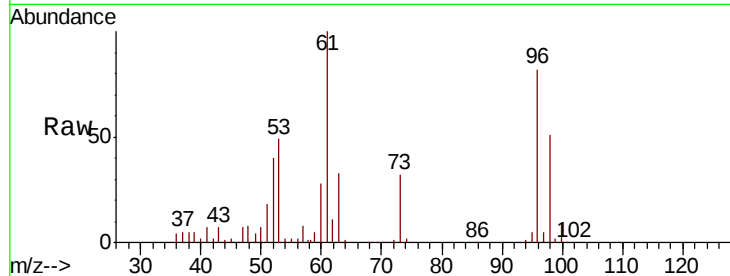
Tot Ion: 96 Resp: 39053

Ion Ratio Lower Upper

96 100

61 120.9 104.2 156.2

98 61.5 52.2 78.4

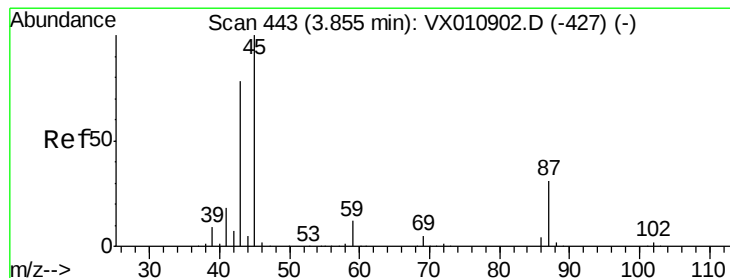
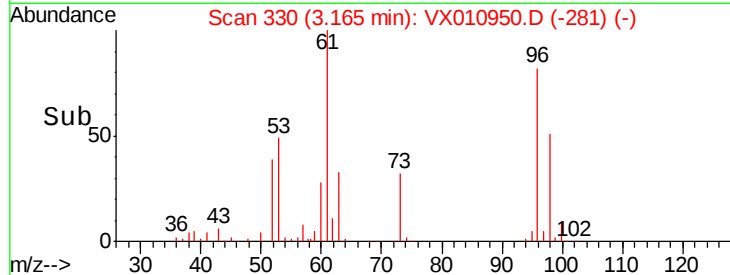
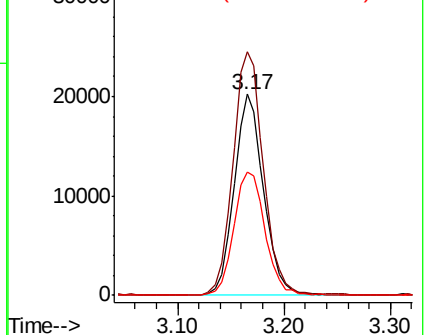


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.582 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Tgt Ion: 45 Resp: 113142

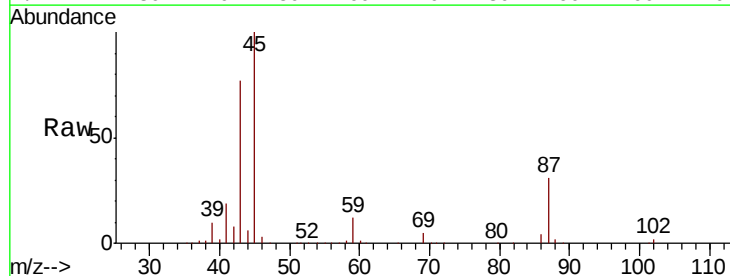
Ion Ratio Lower Upper

45 100

43 76.4 62.3 93.5

87 31.3 25.0 37.4

59 12.0 9.9 14.9



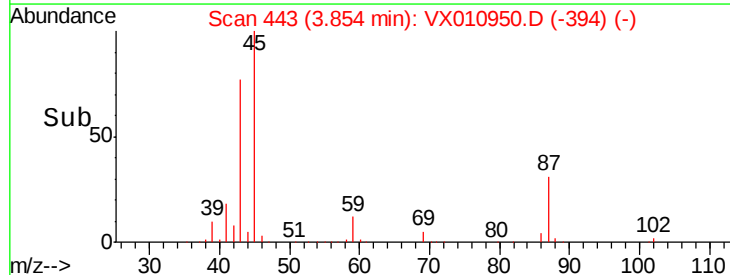
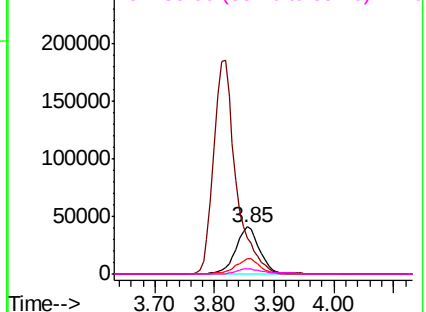
Abundance

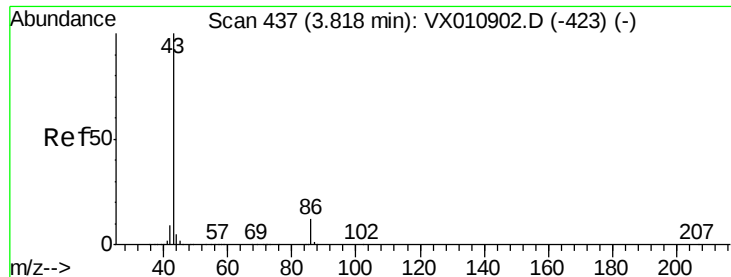
Ion 45.00 (44.70 to 45.70): VX0

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: 98.880 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

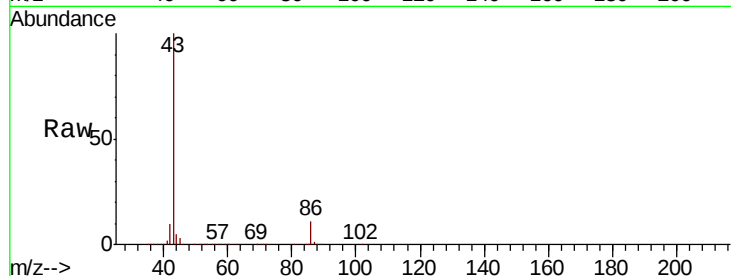
ClientSampleId :

Tot Ion: 43 Resp: 484069

Ion Ratio Lower Upper

43 100

86 11.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

150000

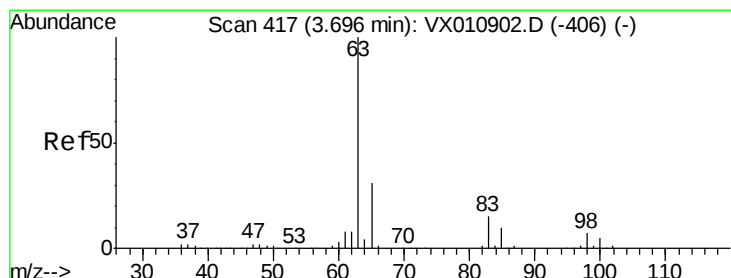
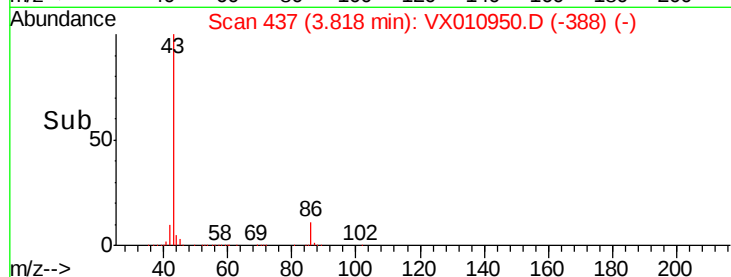
100000

50000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.172 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

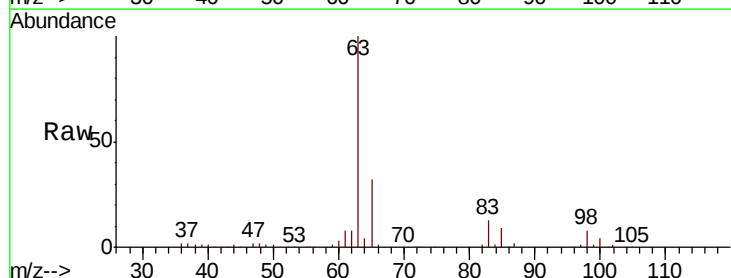
Tgt Ion: 63 Resp: 64333

Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

100 4.4 2.4 7.2



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

3.70

30000

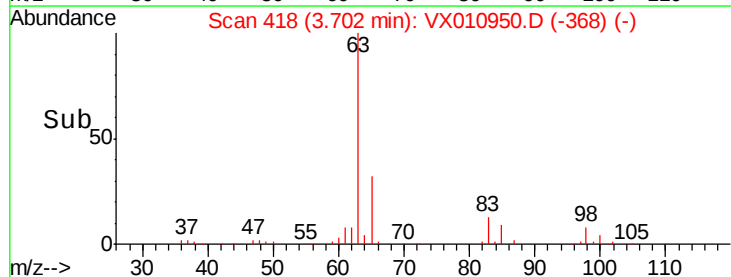
20000

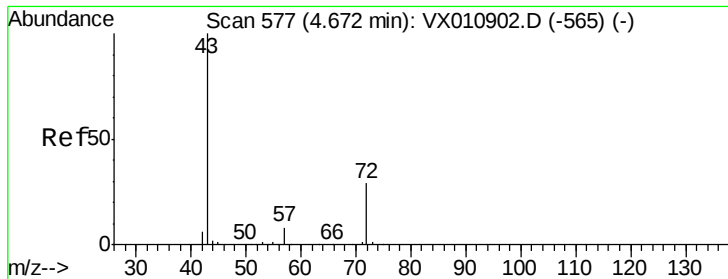
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 98.651 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

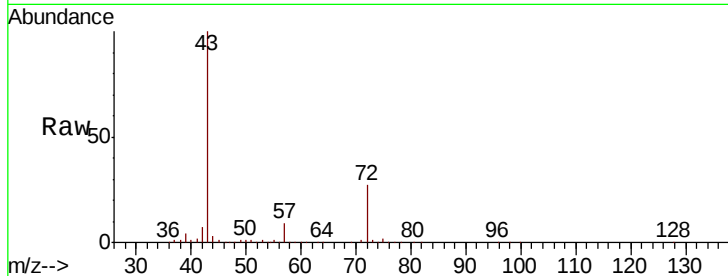
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 144074

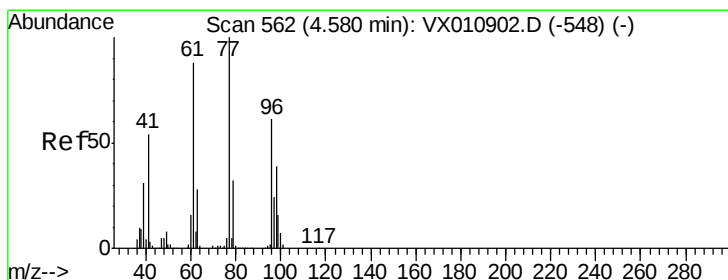
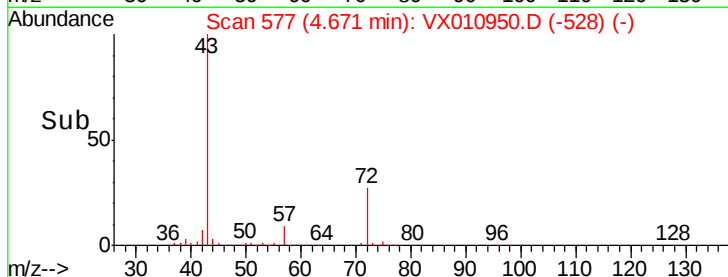
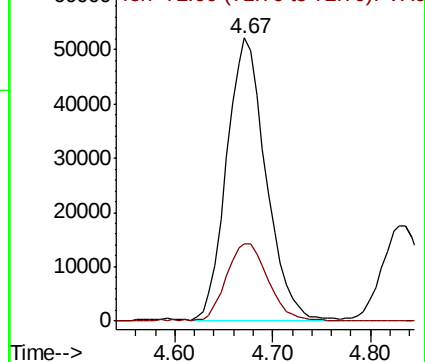
Ion Ratio Lower Upper

43 100

72 26.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.255 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010950.D

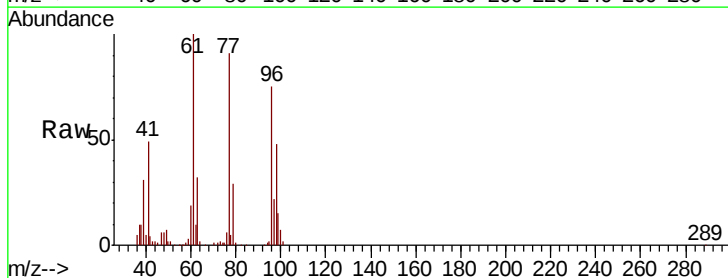
Acq: 18 Jul 2019 11:52

Tgt Ion: 77 Resp: 50296

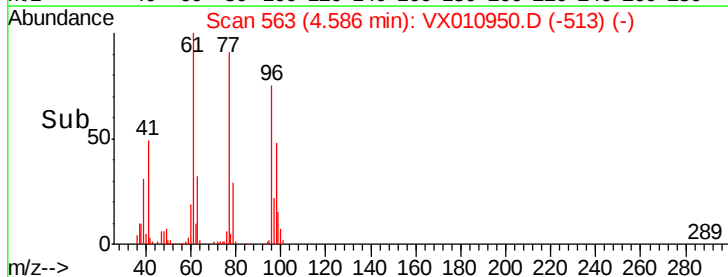
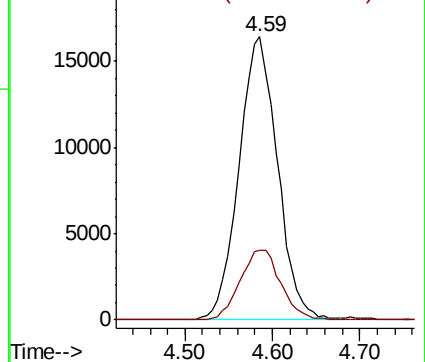
Ion Ratio Lower Upper

77 100

97 25.8 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



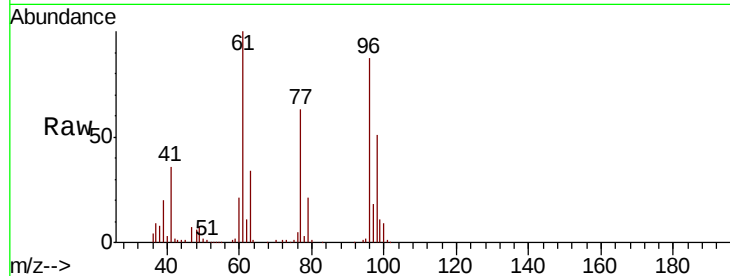


#27

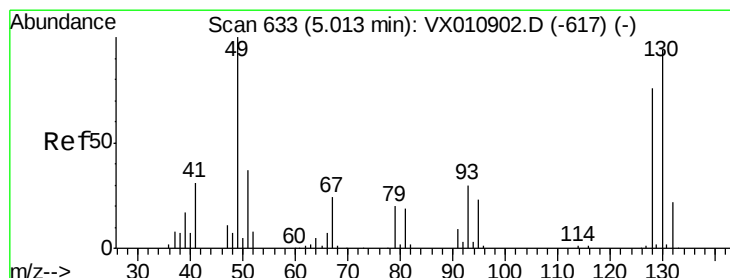
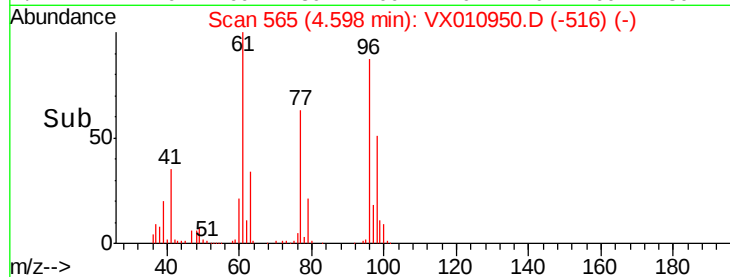
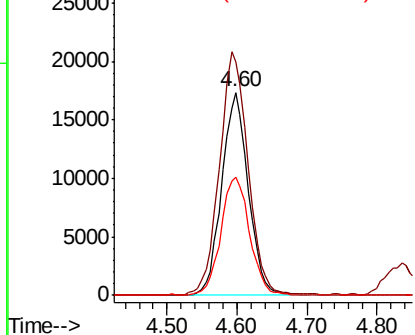
cis-1,2-Dichloroethene
Concen: 19.710 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 45649
Ion Ratio Lower Upper
96 100
61 128.9 0.0 269.0
98 63.0 0.0 131.4



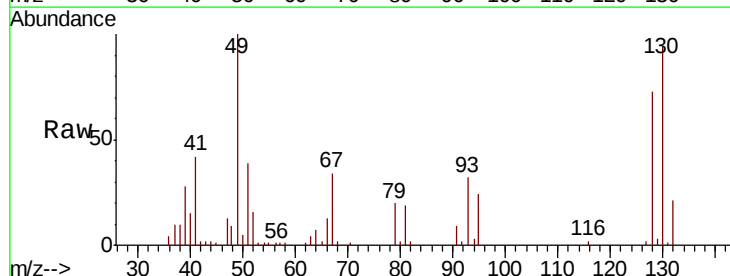
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



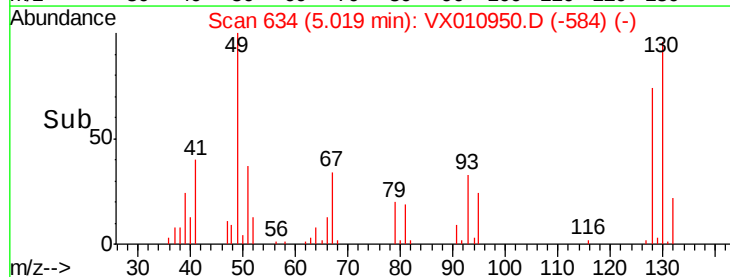
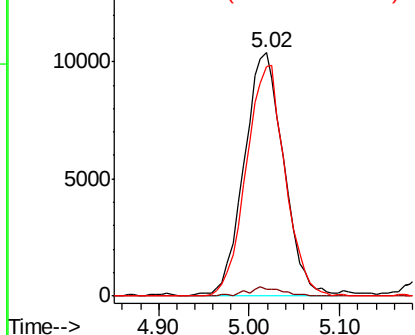
#28

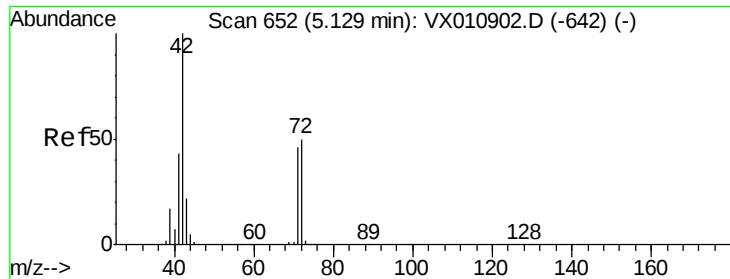
Bromochloromethane
Concen: 19.874 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 49 Resp: 31426
Ion Ratio Lower Upper
49 100
129 3.3 0.0 5.2
130 92.8 76.9 115.3



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





#29

Tetrahydrofuran

Concen: 97.551 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

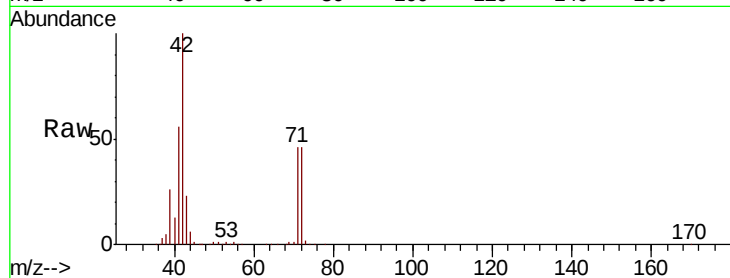
Tot Ion: 42 Resp: 90245

Ion Ratio Lower Upper

42 100

72 50.0 39.8 59.8

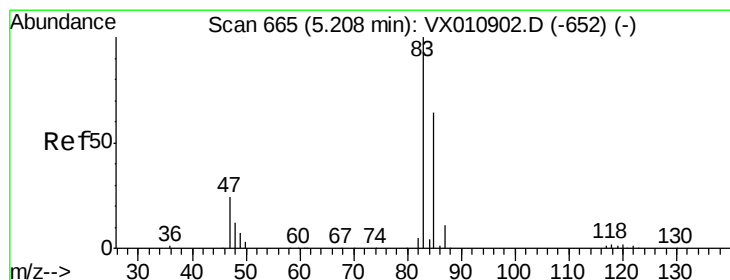
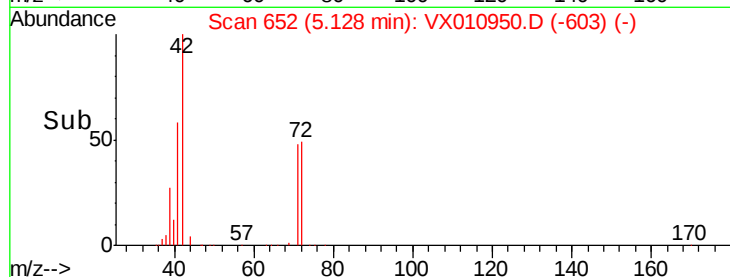
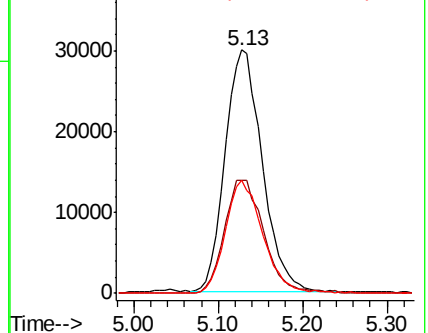
71 46.8 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.299 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010950.D

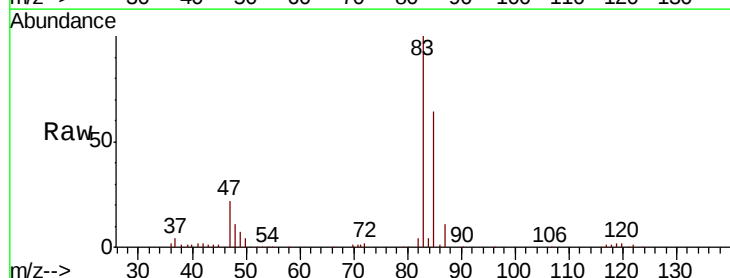
Acq: 18 Jul 2019 11:52

Tgt Ion: 83 Resp: 69995

Ion Ratio Lower Upper

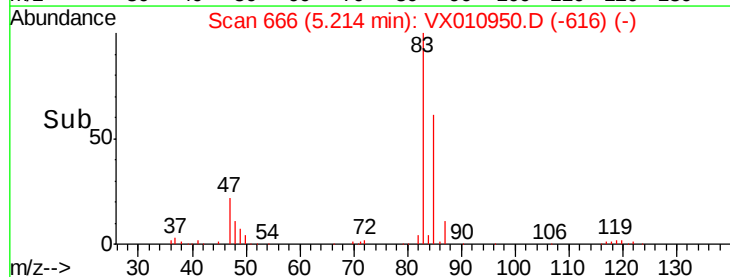
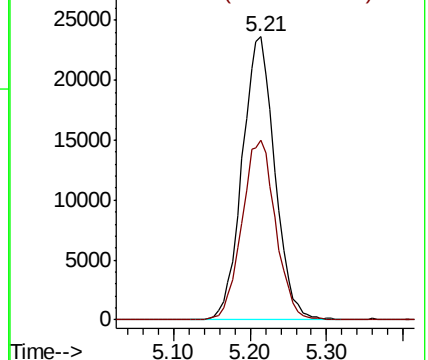
83 100

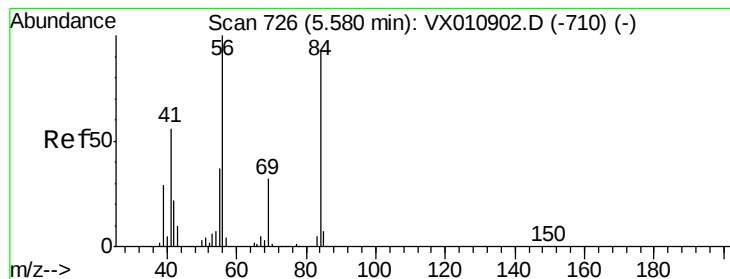
85 63.5 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.608 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

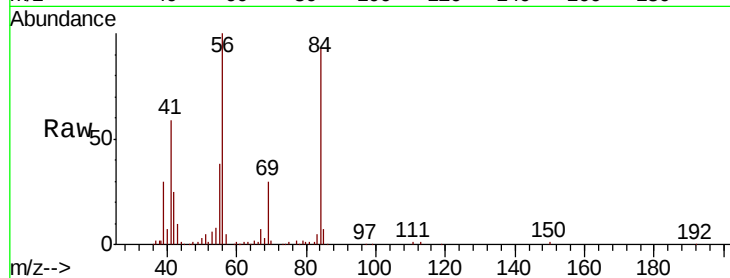
Tot Ion: 56 Resp: 59971

Ion Ratio Lower Upper

56 100

69 30.0 25.8 38.8

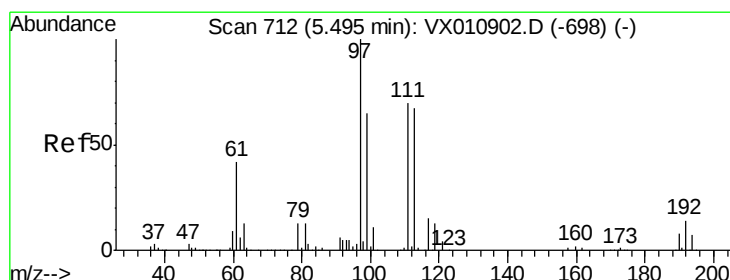
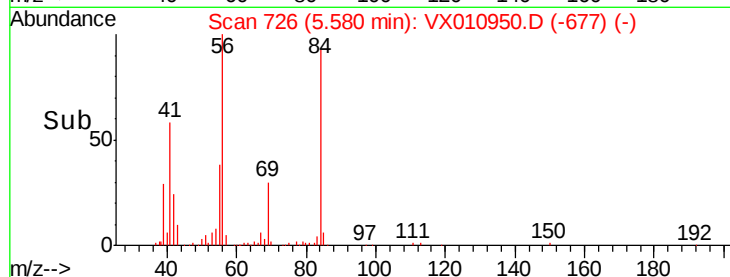
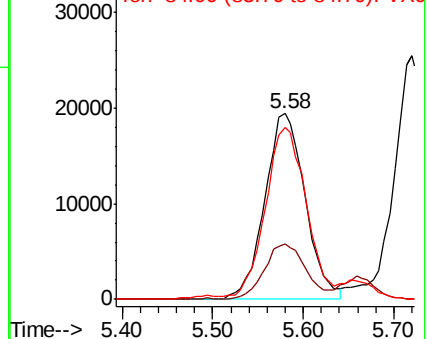
84 92.2 73.8 110.6



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: 19.204 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

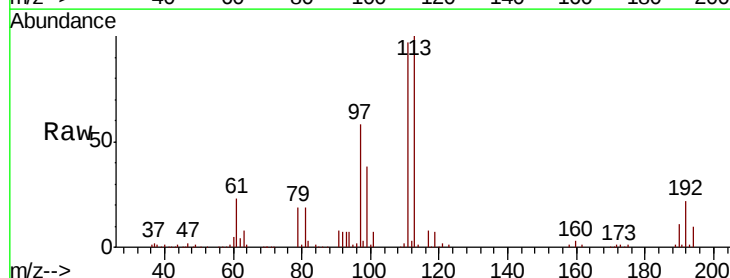
Tgt Ion: 97 Resp: 60258

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

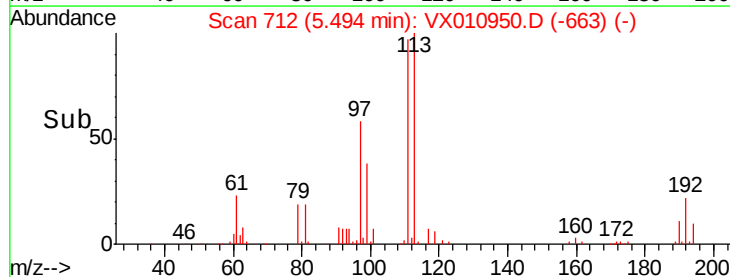
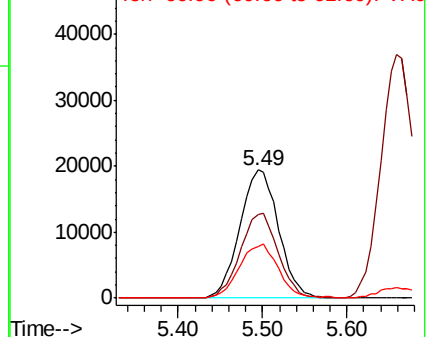
61 42.3 33.0 49.6

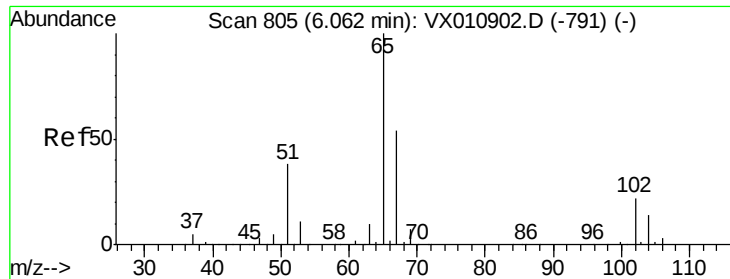


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

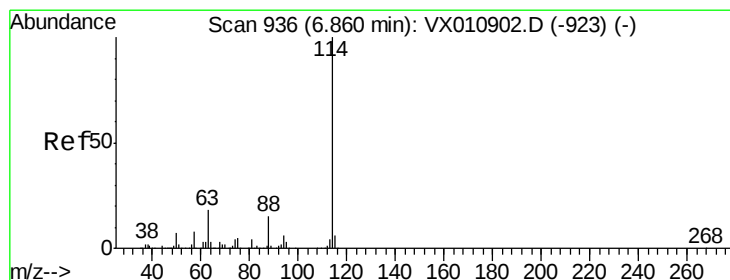
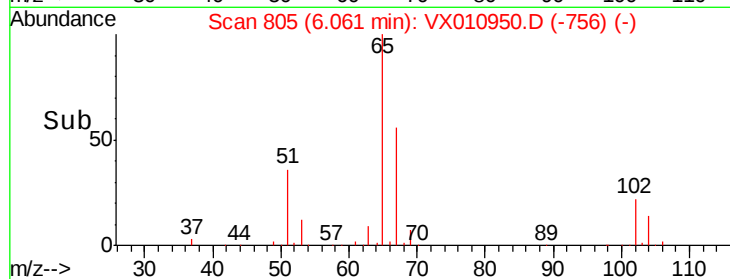
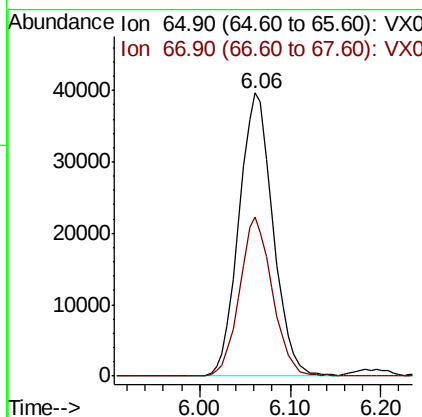
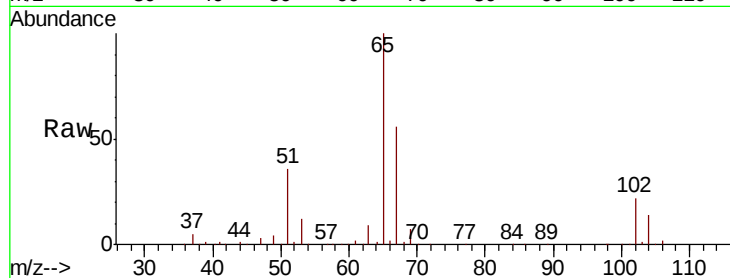




#33
 1,2-Dichloroethane-d4
 Concen: 45.846 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

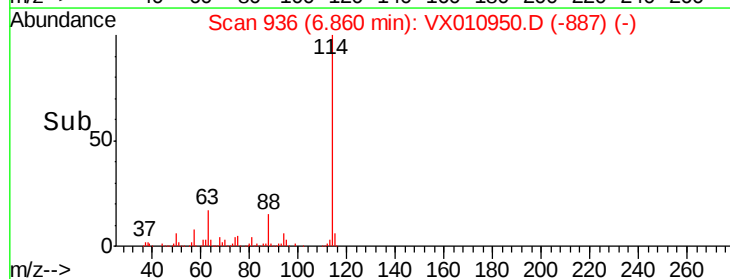
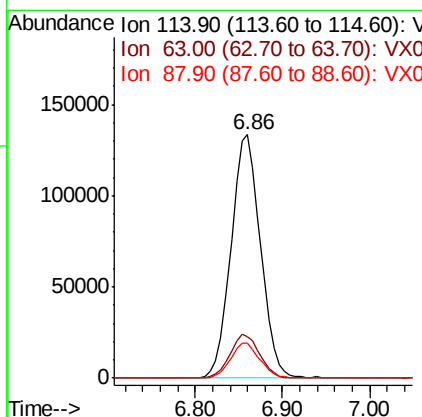
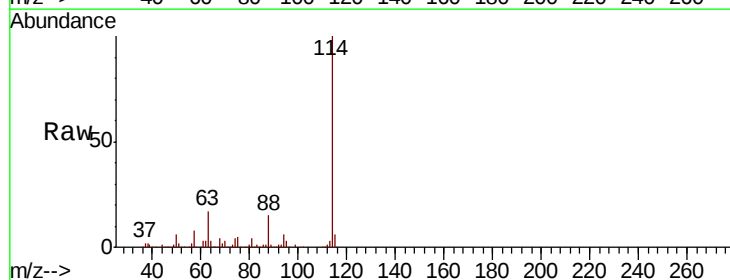
Instrument :
 MSVOA_X
 ClientSampleId :

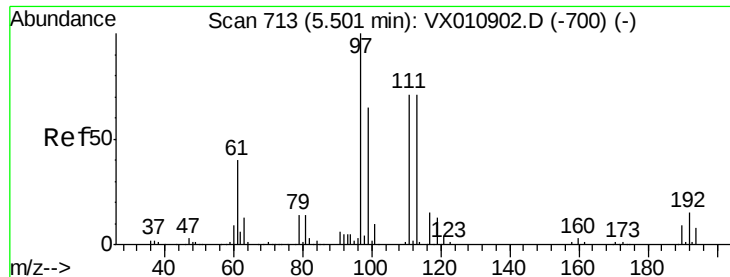
Tot Ion: 65 Resp: 103273
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion: 114 Resp: 312236
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.6
 88 14.5 0.0 29.8

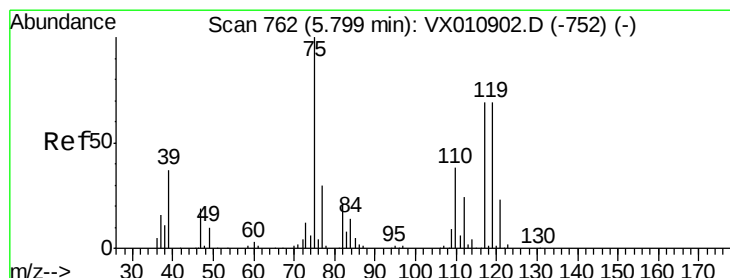
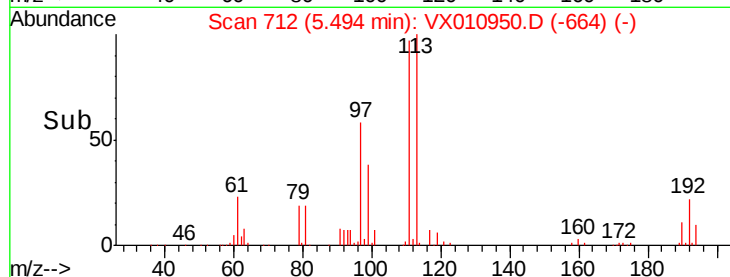
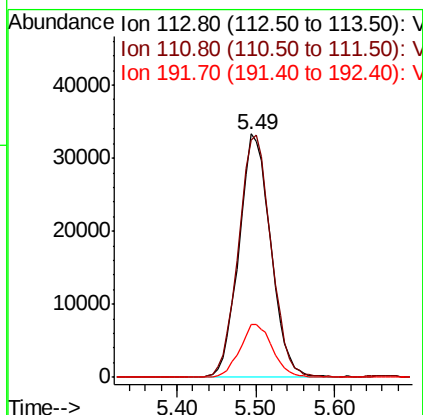
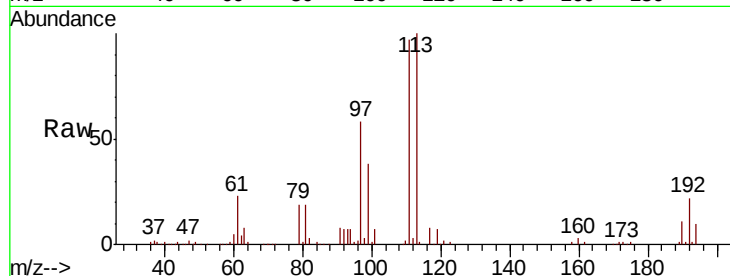




#35
 Dibromofluoromethane
 Concen: 47.185 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

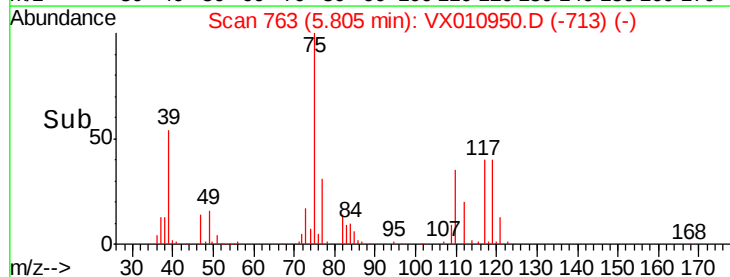
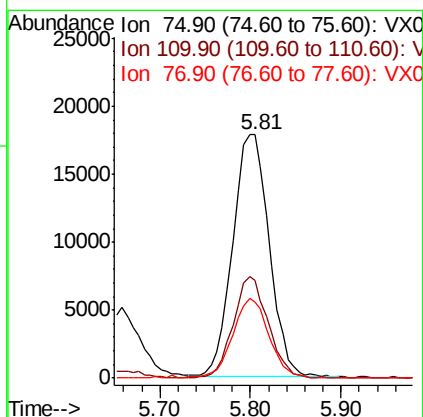
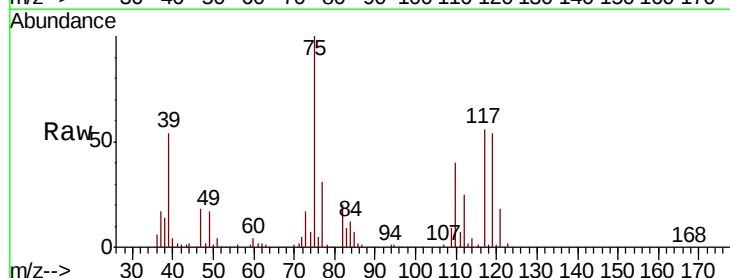
Instrument :
 MSVOA_X
 ClientSampleId :

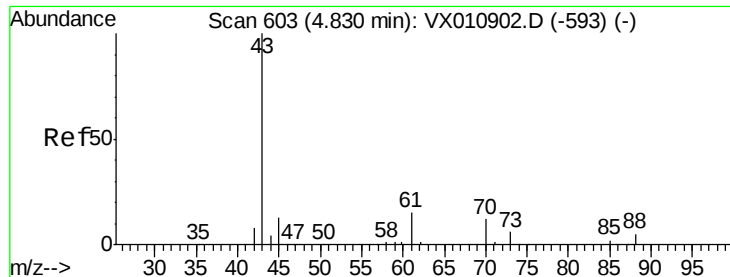
Tot Ion:113 Resp: 93513
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.3 123.5
 192 22.3 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 19.326 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion: 75 Resp: 49565
 Ion Ratio Lower Upper
 75 100
 110 40.3 19.9 59.7
 77 32.6 25.0 37.4

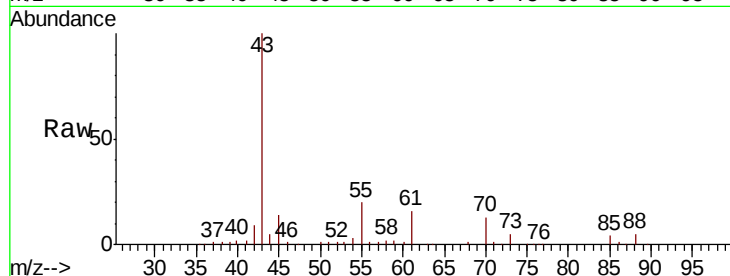




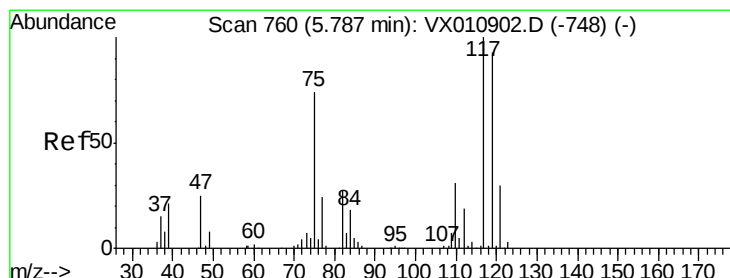
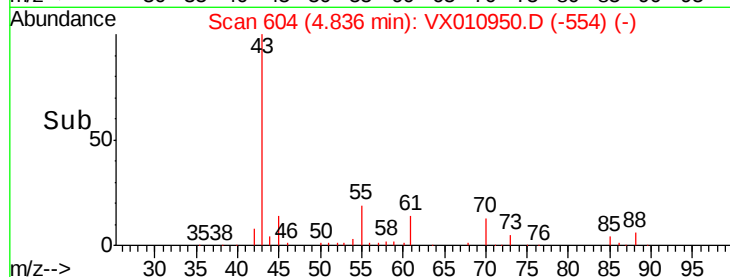
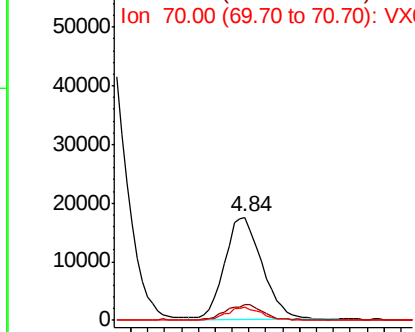
#37
Ethyl Acetate
Concen: 20.163 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 52951
Ion Ratio Lower Upper
43 100
61 15.4 11.6 17.4
70 12.2 9.1 13.7

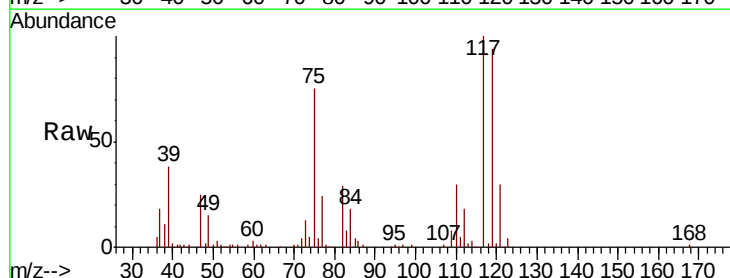


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

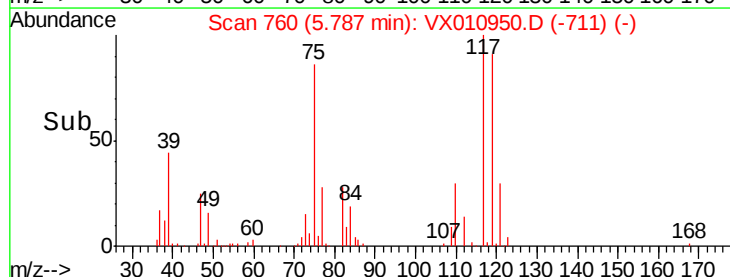
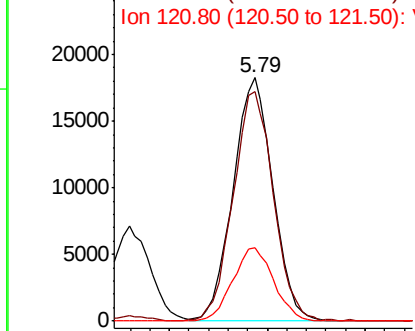


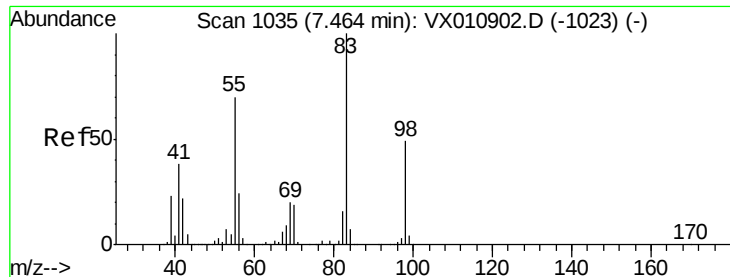
#38
Carbon Tetrachloride
Concen: 19.372 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 117 Resp: 51773
Ion Ratio Lower Upper
117 100
119 94.1 74.2 111.2
121 30.0 24.2 36.2



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

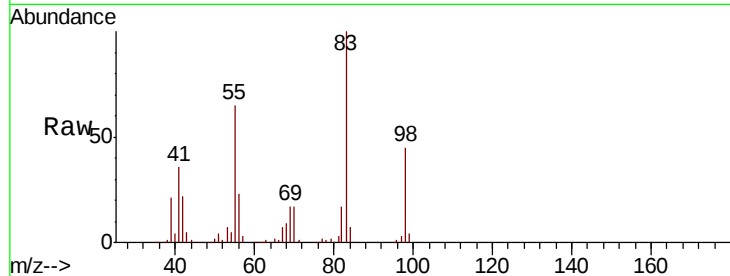




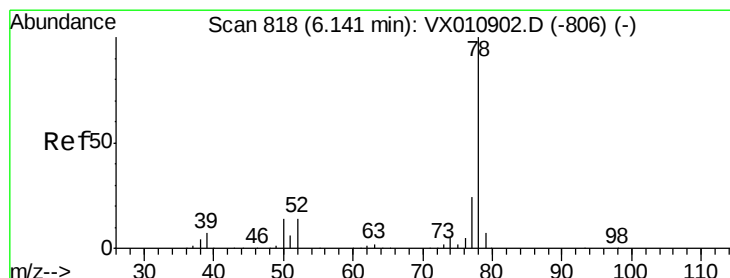
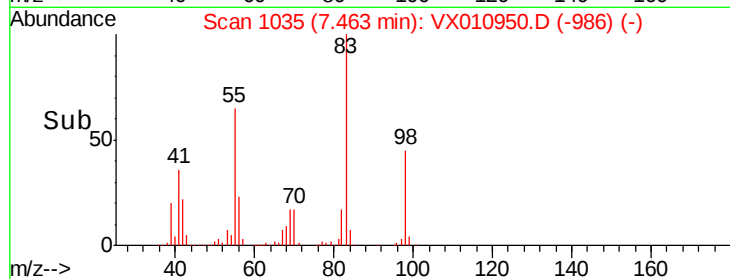
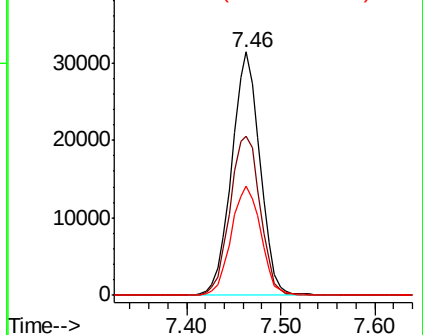
#39
Methvlcvclohexane
Concen: 19.724 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 65600
Ion Ratio Lower Upper
83 100
55 65.3 56.2 84.4
98 44.7 39.0 58.4

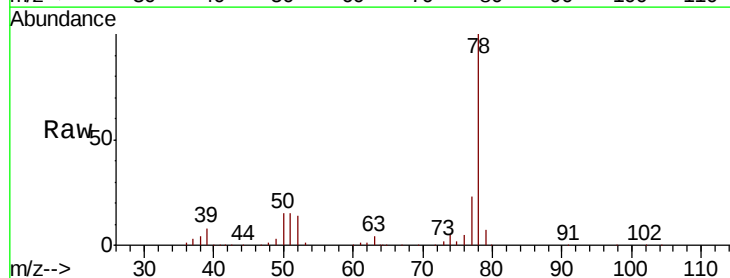


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

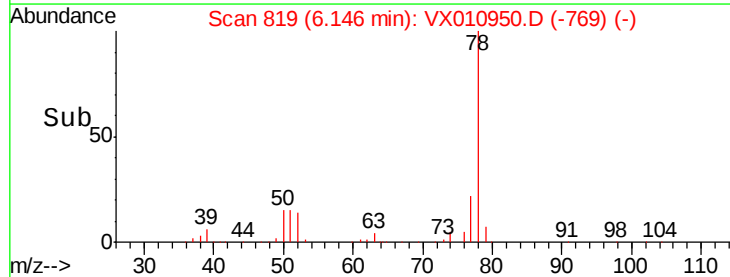
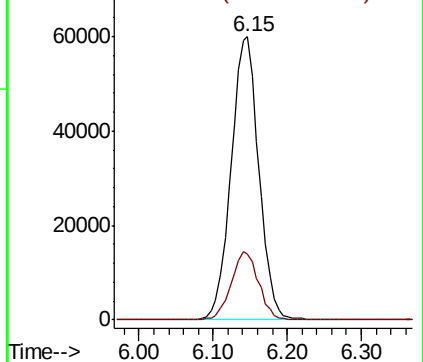


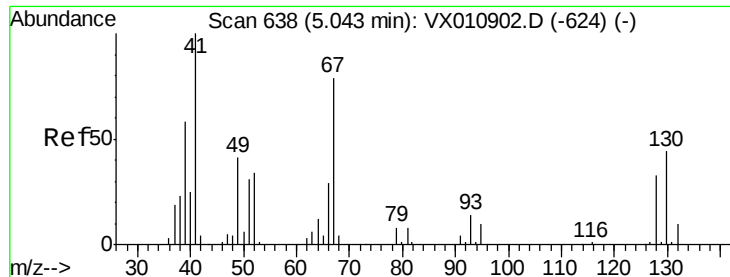
#40
Benzene
Concen: 19.890 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 78 Resp: 156262
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.003 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 28330

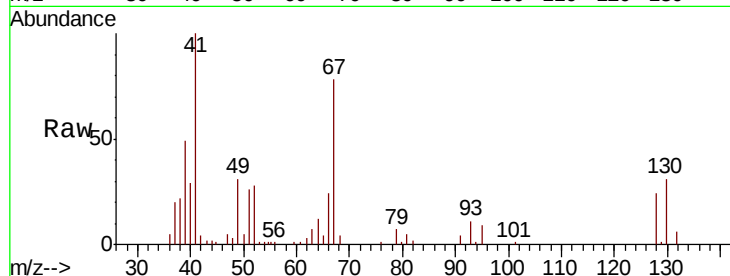
Ion Ratio Lower Upper

41 100

39 54.5 45.4 68.2

67 81.9 65.9 98.9

52 32.9 26.2 39.2

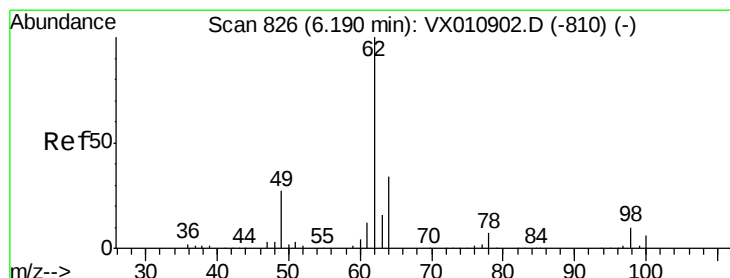
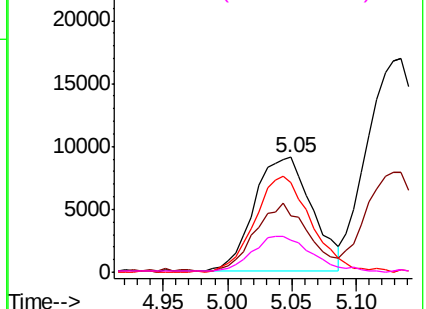
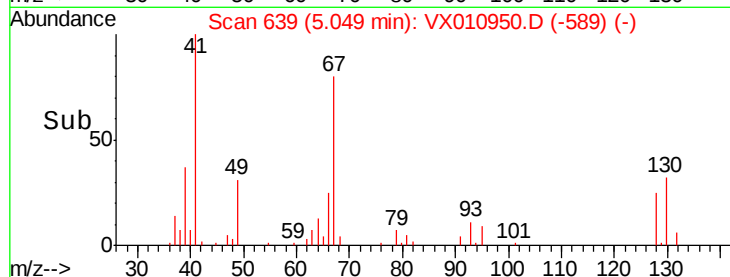


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.590 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX010950.D

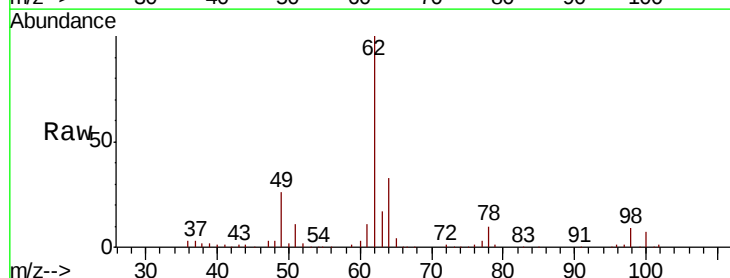
Acq: 18 Jul 2019 11:52

Tgt Ion: 62 Resp: 53513

Ion Ratio Lower Upper

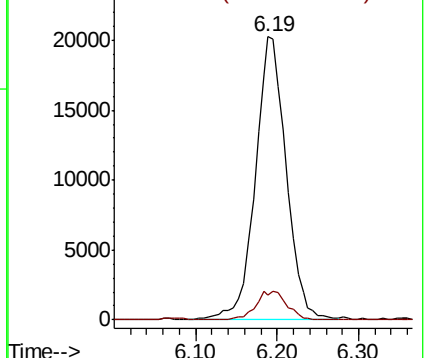
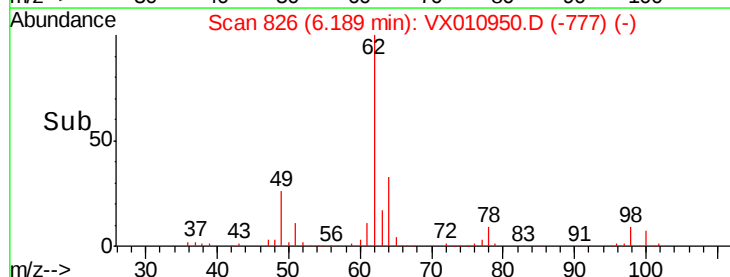
62 100

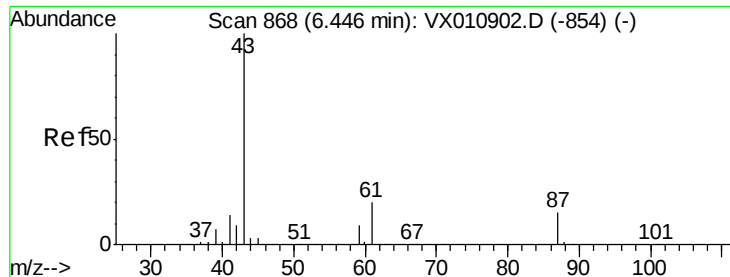
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.310 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

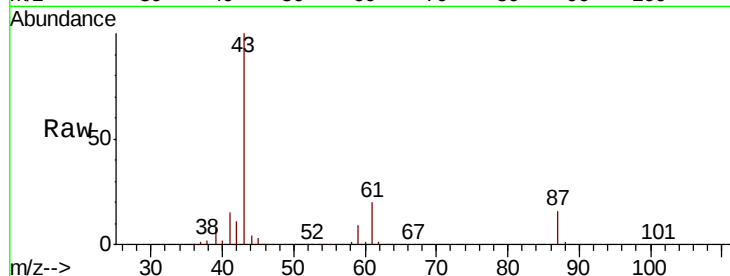
Tot Ion: 43 Resp: 83385

Ion Ratio Lower Upper

43 100

61 20.6 17.1 25.7

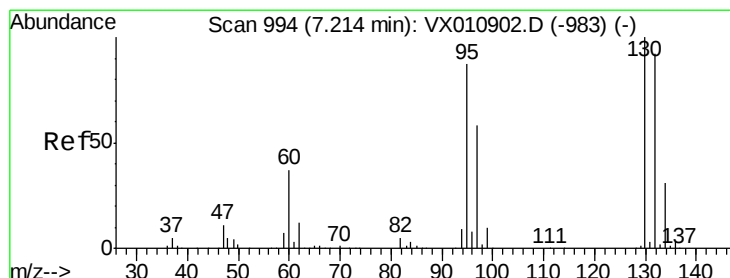
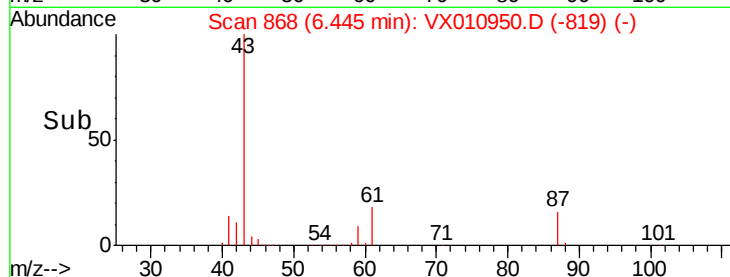
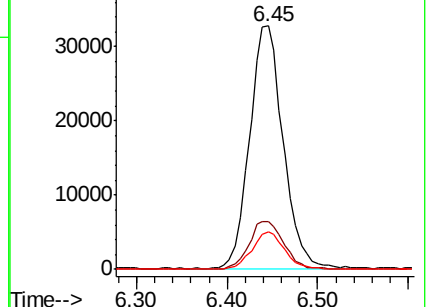
87 15.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX010902.D (-854) (-)

Ion 61.00 (60.70 to 61.70): VX010902.D (-854) (-)

Ion 87.00 (86.70 to 87.70): VX010902.D (-854) (-)



#44

Trichloroethene

Concen: 19.268 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010950.D

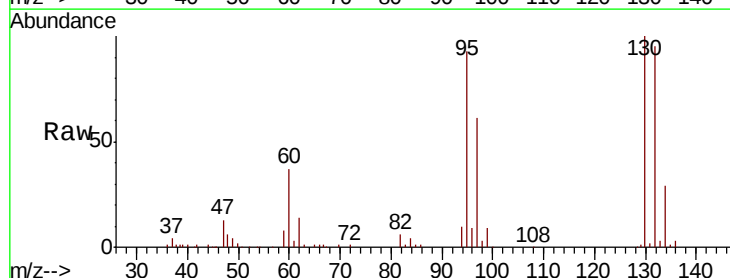
Acq: 18 Jul 2019 11:52

Tgt Ion: 130 Resp: 44807

Ion Ratio Lower Upper

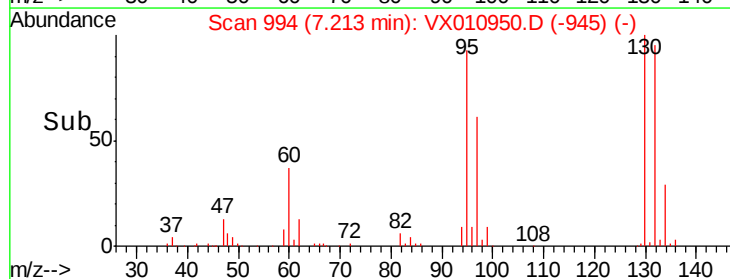
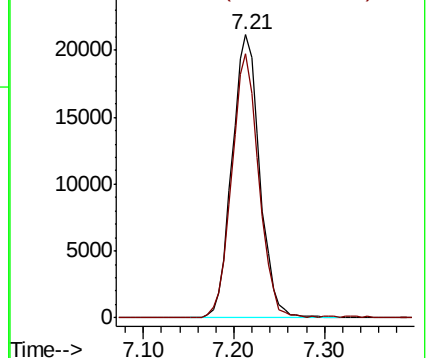
130 100

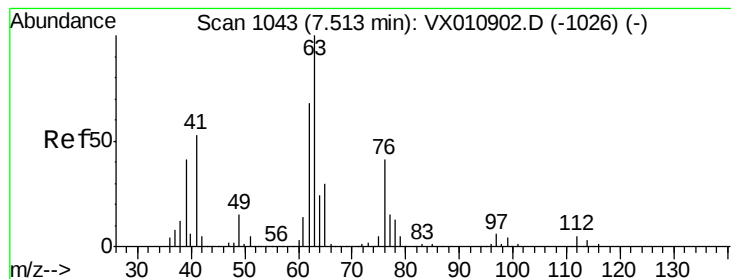
95 93.2 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): VX010902.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX010902.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 19.521 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

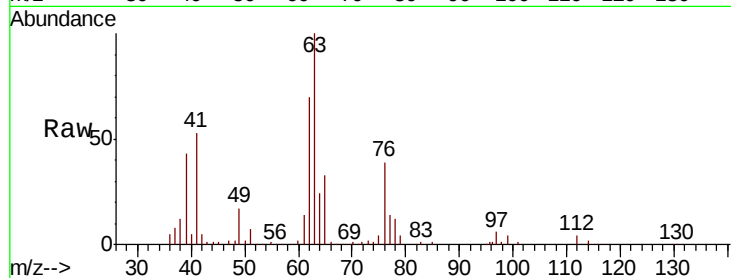
ClientSampleId :

Tot Ion: 63 Resp: 39034

Ion Ratio Lower Upper

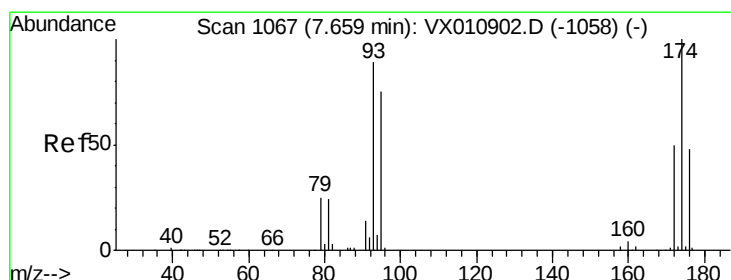
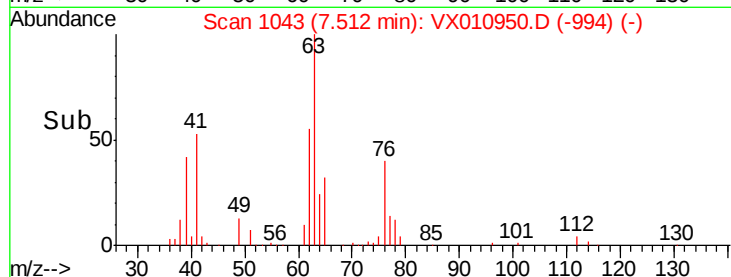
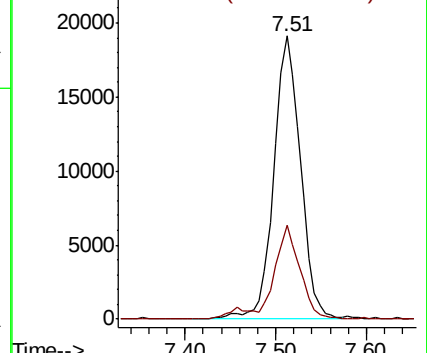
63 100

65 33.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.129 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

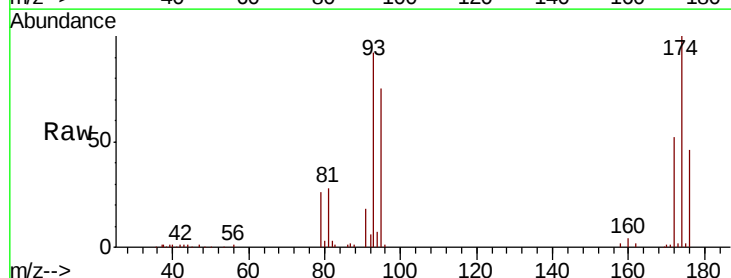
Tgt Ion: 93 Resp: 28761

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

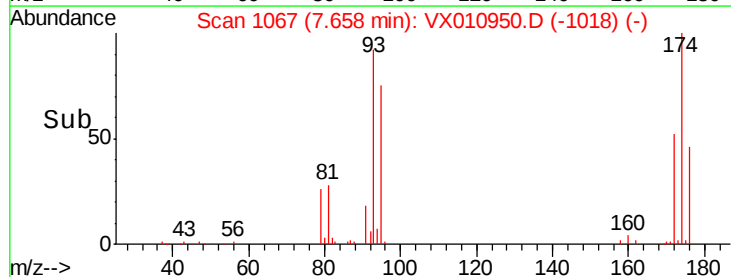
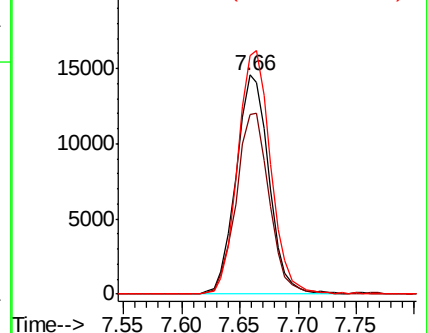
174 111.3 90.6 135.8

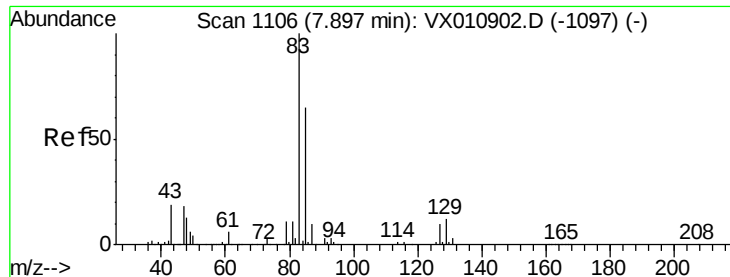


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

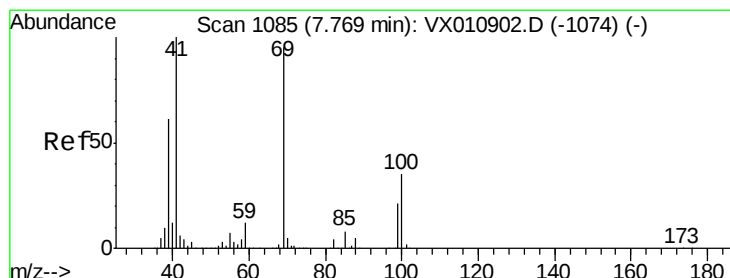
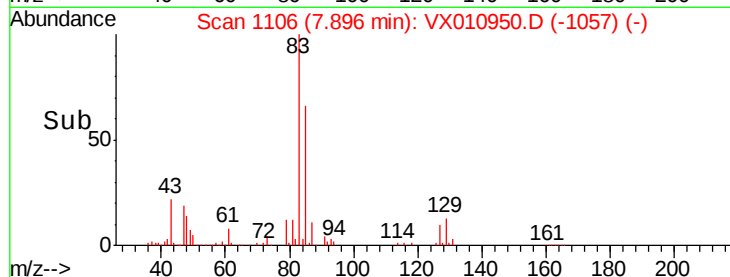
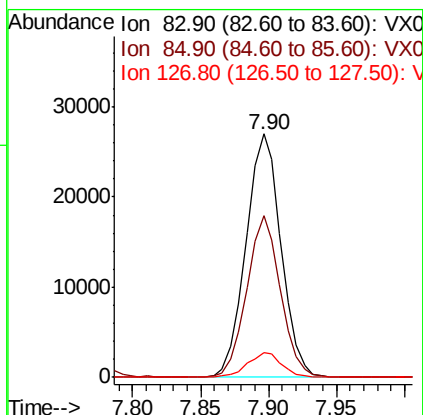
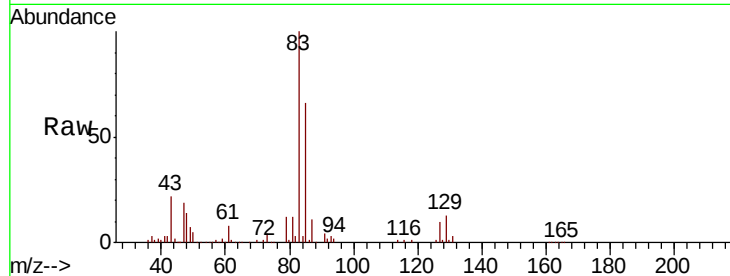




#47
Bromodichloromethane
Concen: 19.182 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

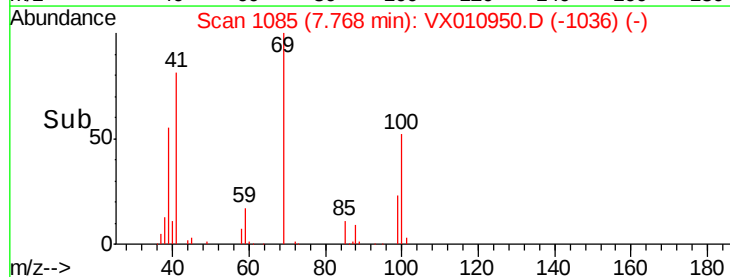
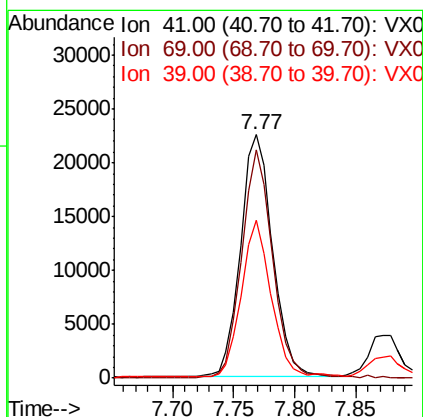
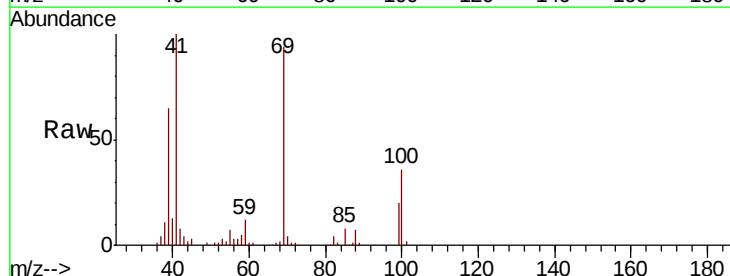
Instrument :
MSVOA_X
ClientSampleId :

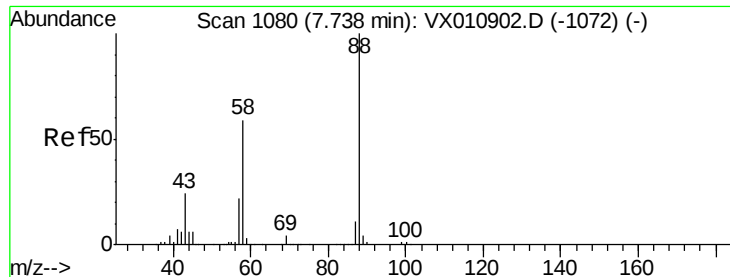
Tot Ion	83	Resp	48789
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.5	78.7
127	10.0	7.8	11.8



#48
Methyl methacrylate
Concen: 19.456 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion	41	Resp	40928
Ion	Ratio	Lower	Upper
41	100		
69	91.3	74.4	111.6
39	60.4	48.9	73.3





#49

1,4-Dioxane

Concen: 390.489 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampled :

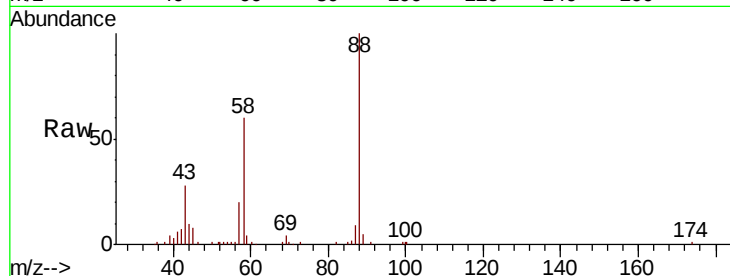
Tot Ion: 88 Resp: 22978

Ion Ratio Lower Upper

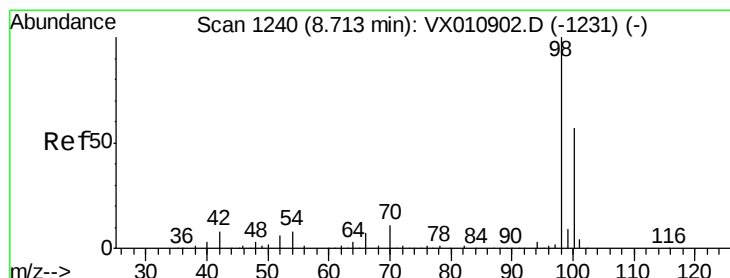
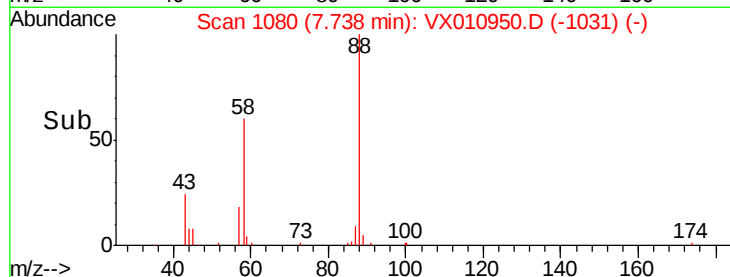
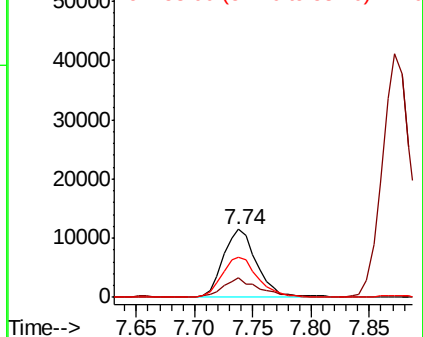
88 100

43 28.3 22.9 34.3

58 63.6 49.8 74.8



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.523 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010950.D

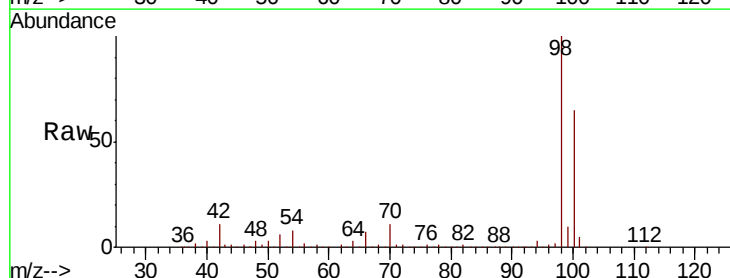
Acq: 18 Jul 2019 11:52

Tgt Ion: 98 Resp: 353244

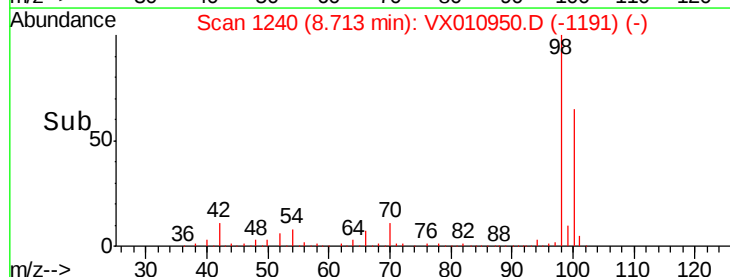
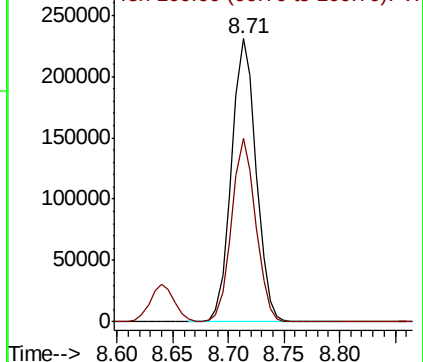
Ion Ratio Lower Upper

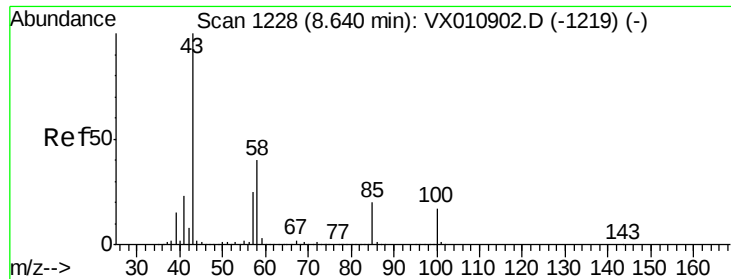
98 100

100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 100.426 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

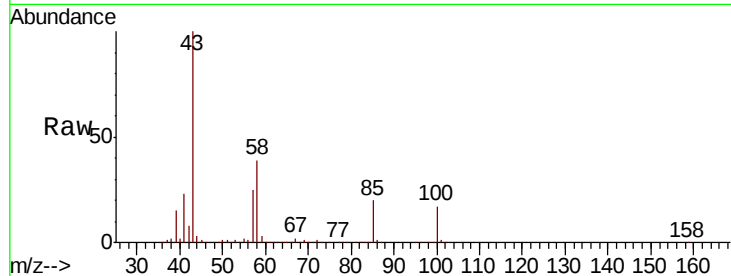
ClientSampleId :

Tot Ion: 43 Resp: 281121

Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

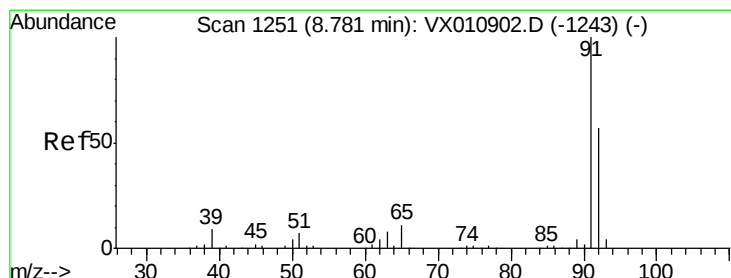
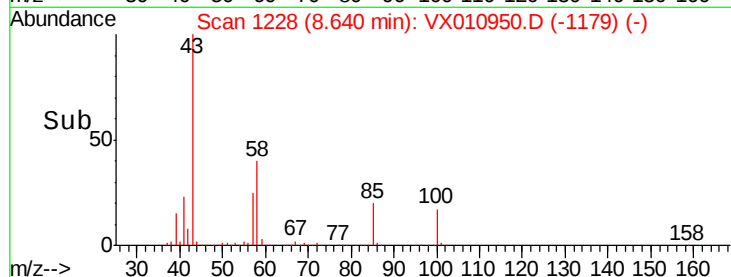
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.619 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010950.D

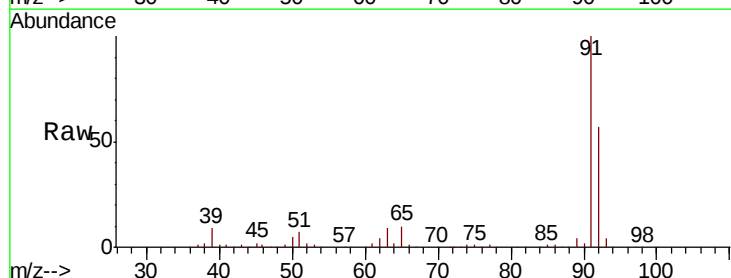
Acq: 18 Jul 2019 11:52

Tgt Ion: 92 Resp: 101252

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

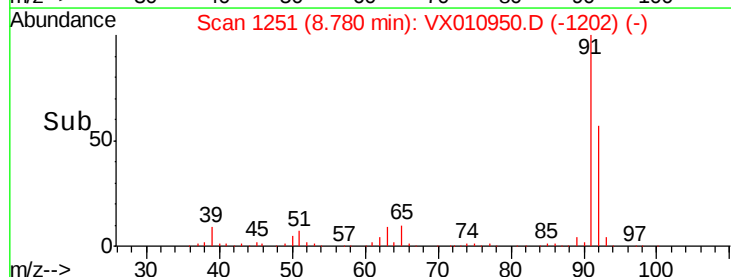
60000

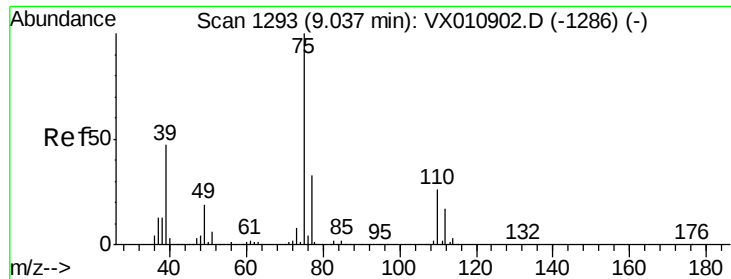
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.955 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

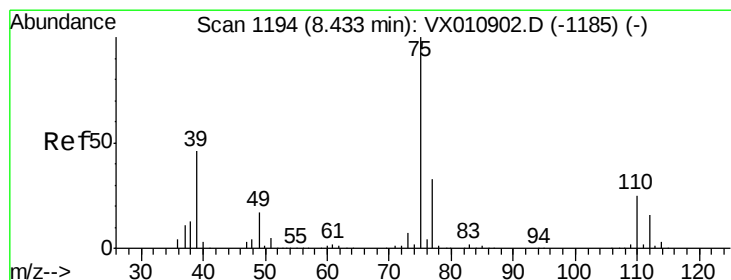
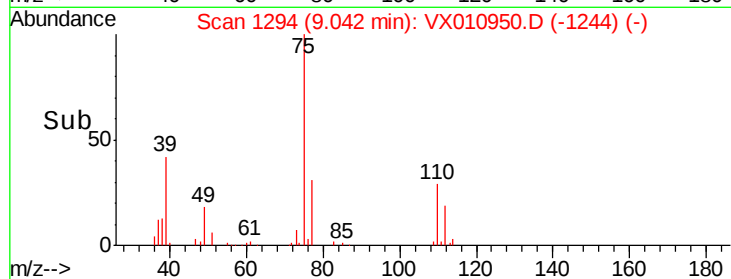
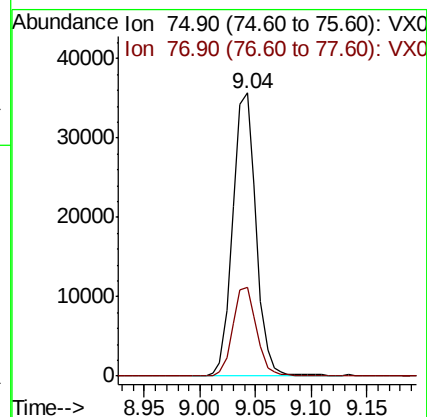
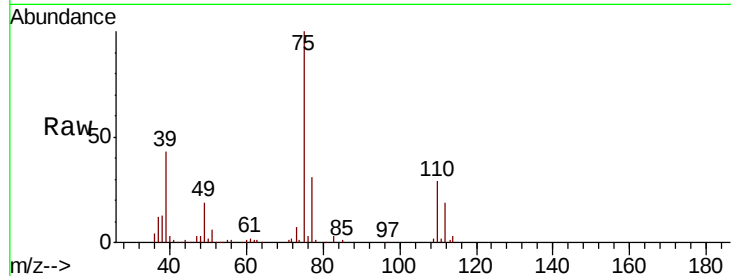
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 51838

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 19.377 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

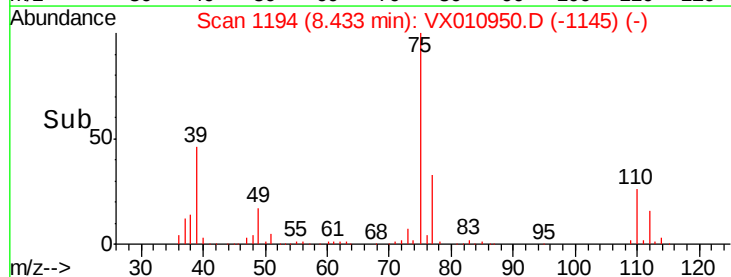
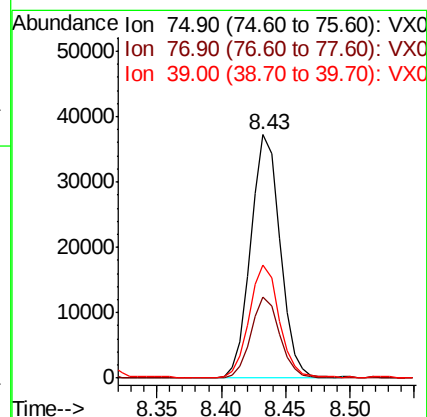
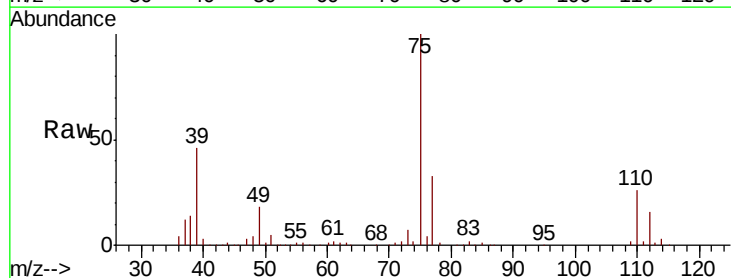
Tgt Ion: 75 Resp: 58968

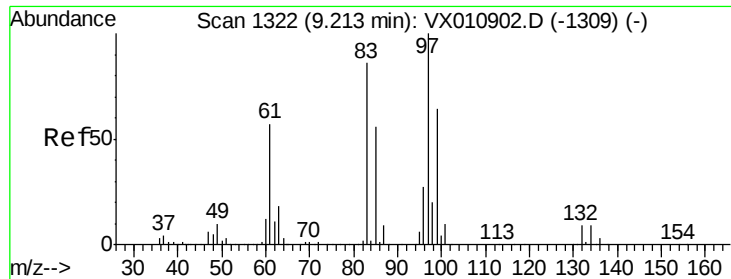
Ion Ratio Lower Upper

75 100

77 33.4 26.1 39.1

39 46.0 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 19.849 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

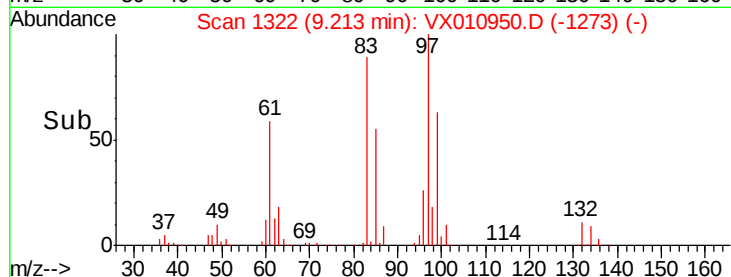
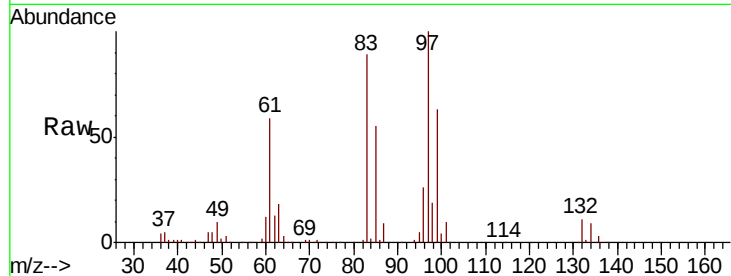
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 42179

Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.2	103.8
85	54.5	44.6	66.8
99	62.4	51.2	76.8

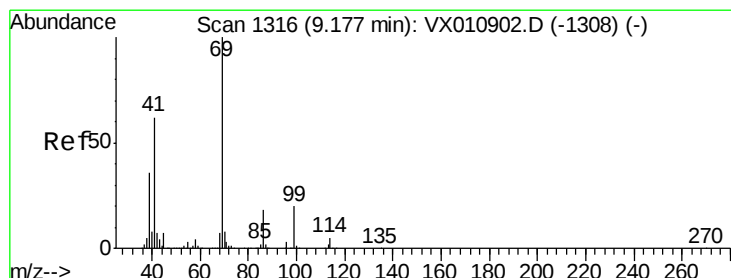


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.896 ug/l

RT: 9.18 min Scan# 1316

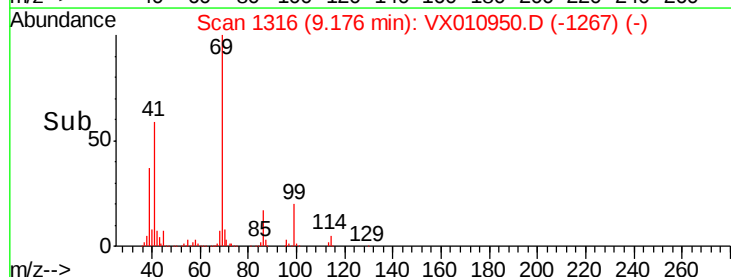
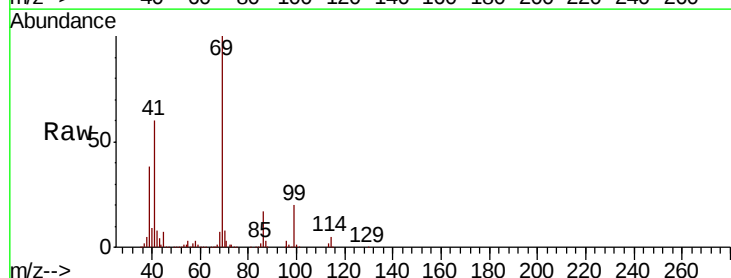
Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Tgt Ion: 69 Resp: 61846

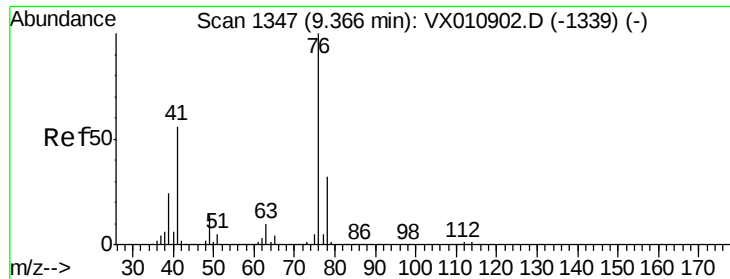
Ion	Ratio	Lower	Upper
69	100		
41	60.4	49.7	74.5
39	36.6	29.6	44.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 19.910 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

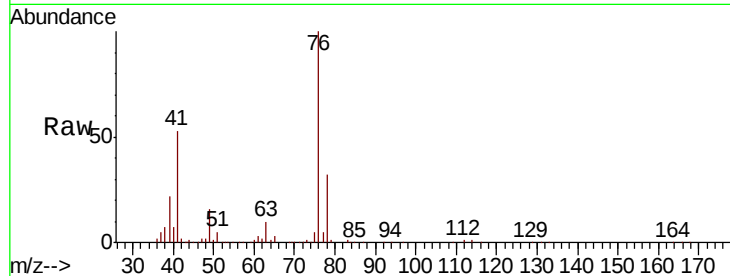
ClientSampleId :

Tot Ion: 76 Resp: 67117

Ion Ratio Lower Upper

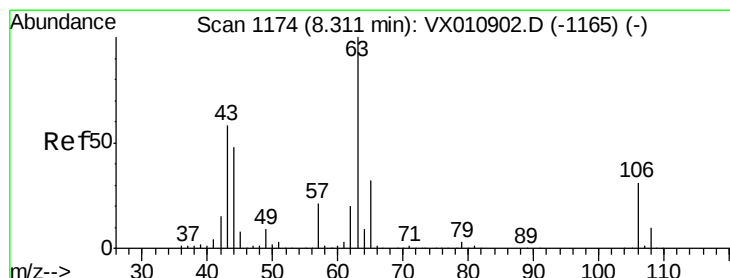
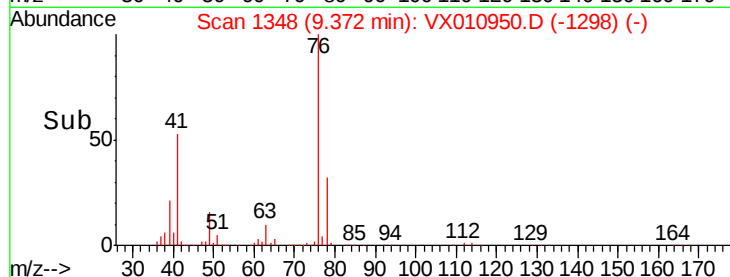
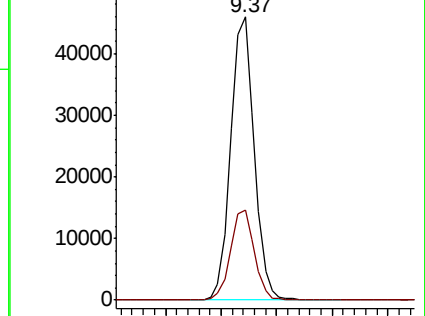
76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.285 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010950.D

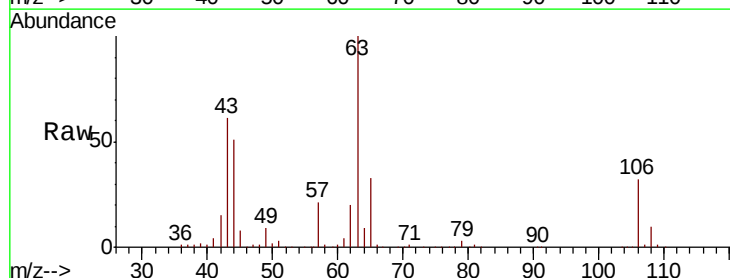
Acq: 18 Jul 2019 11:52

Tgt Ion: 63 Resp: 144355

Ion Ratio Lower Upper

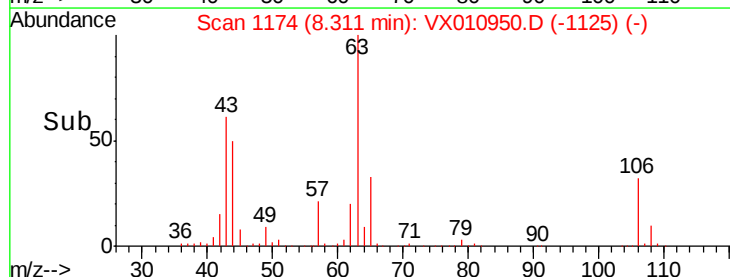
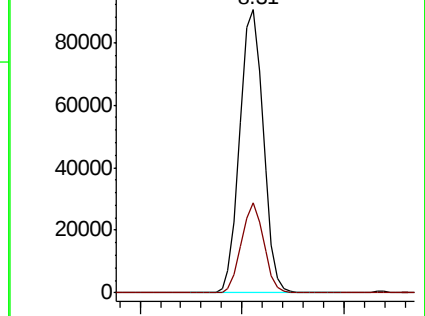
63 100

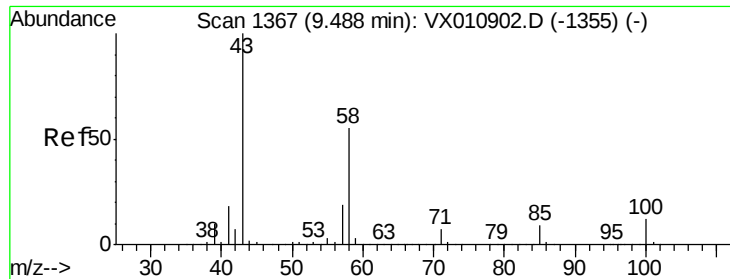
106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

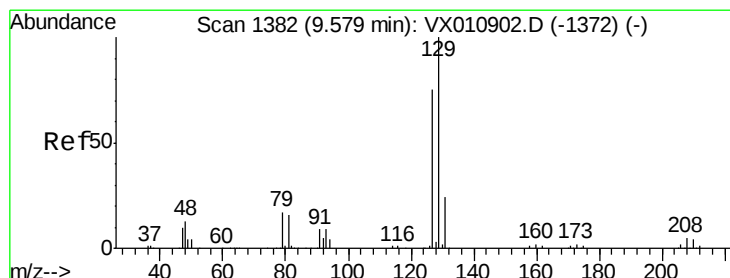
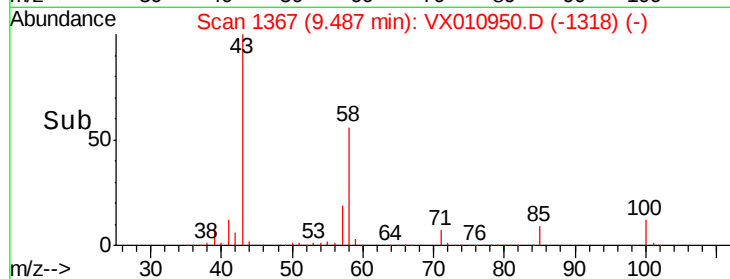
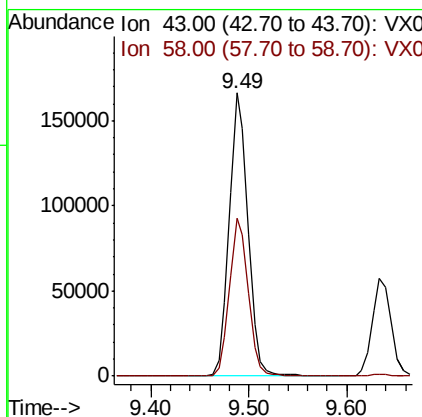
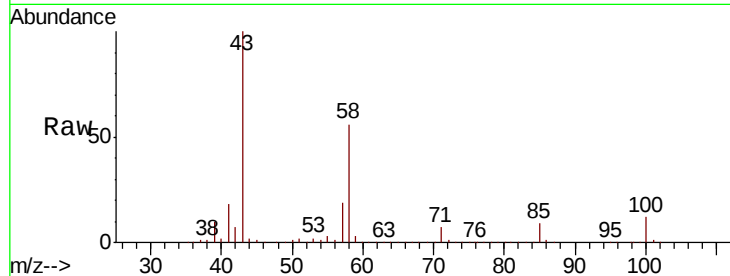




#59
 2-Hexanone
 Concen: 101.579 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

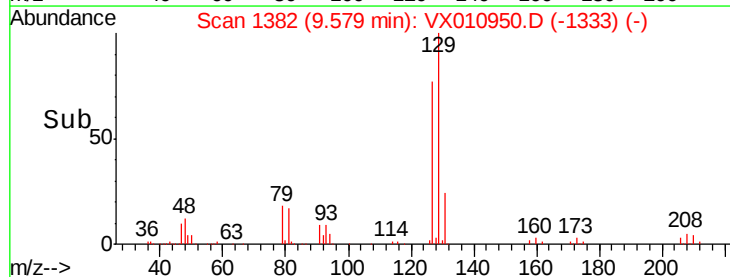
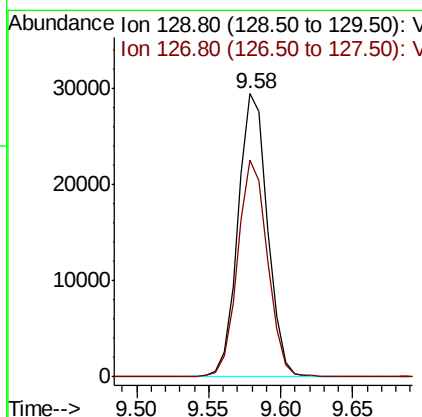
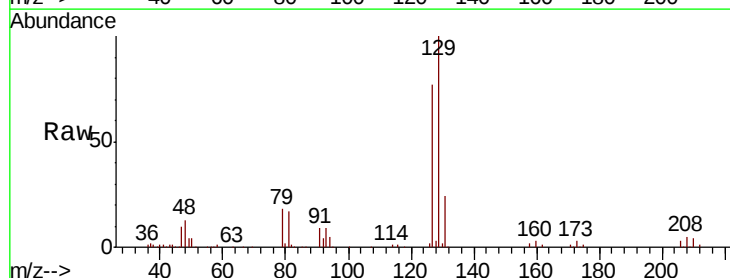
Instrument :
 MSVOA_X
 ClientSampleId :

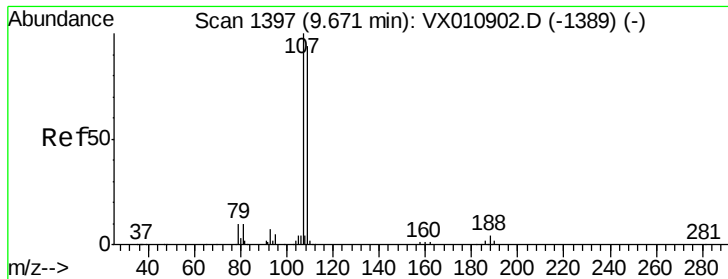
Tot Ion: 43 Resp: 220546
 Ion Ratio Lower Upper
 43 100
 58 56.3 28.0 83.9



#60
 Dibromochloromethane
 Concen: 18.792 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion:129 Resp: 41894
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.913 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

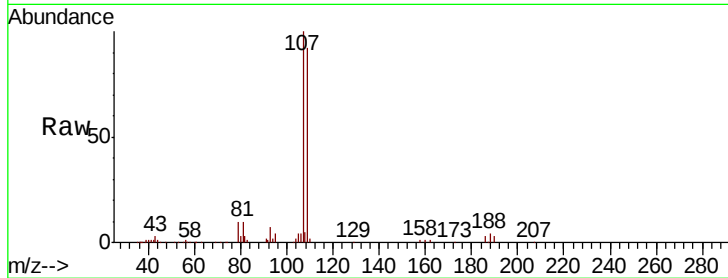
ClientSampleId :

Tot Ion:107 Resp: 44908

Ion Ratio Lower Upper

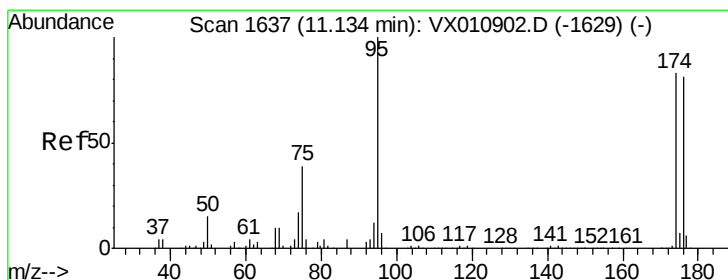
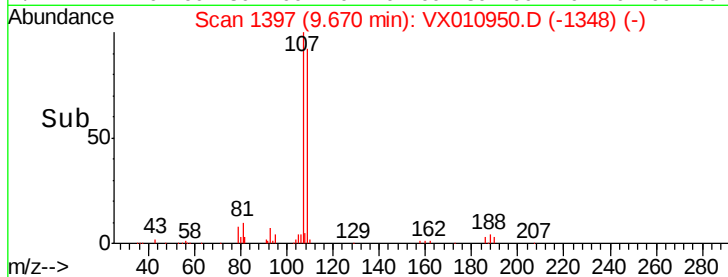
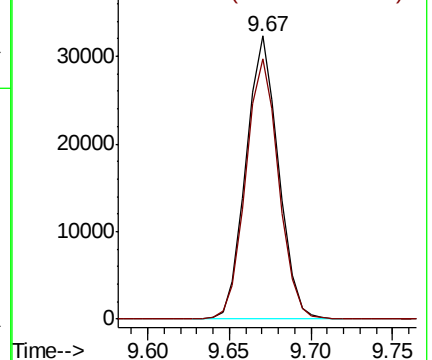
107 100

109 93.5 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.412 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

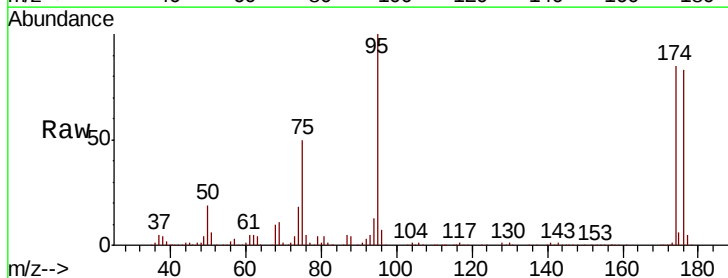
Tgt Ion: 95 Resp: 126805

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.6

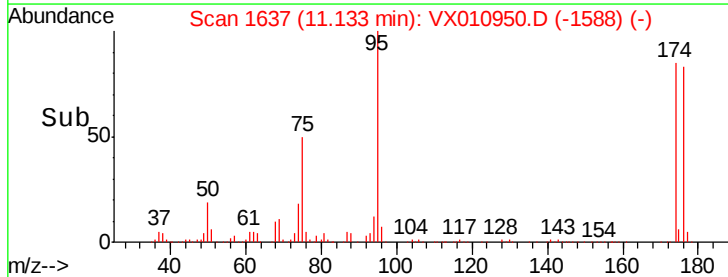
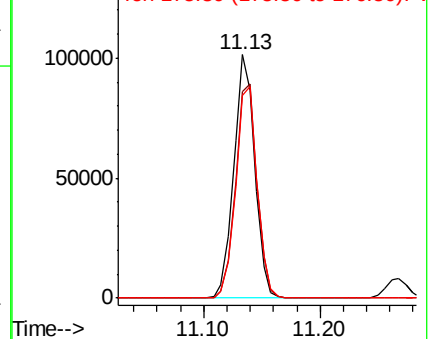
176 89.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

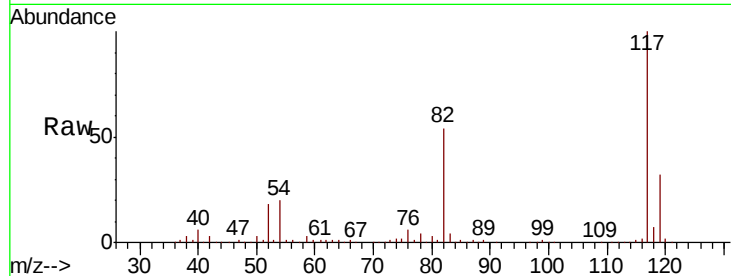




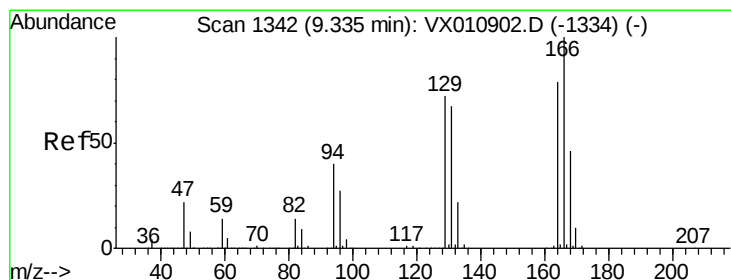
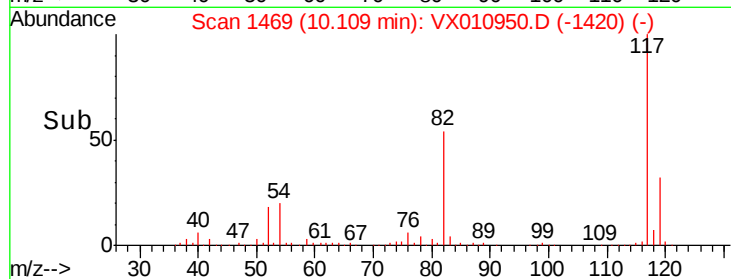
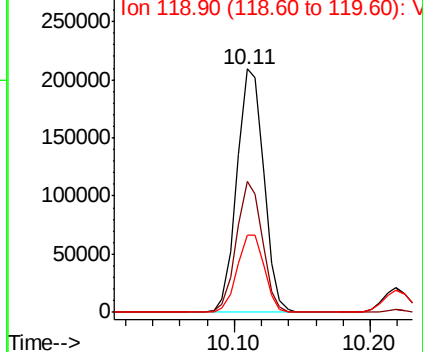
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 288939
Ion Ratio Lower Upper
117 100
82 54.1 42.6 63.8
119 31.6 25.9 38.9

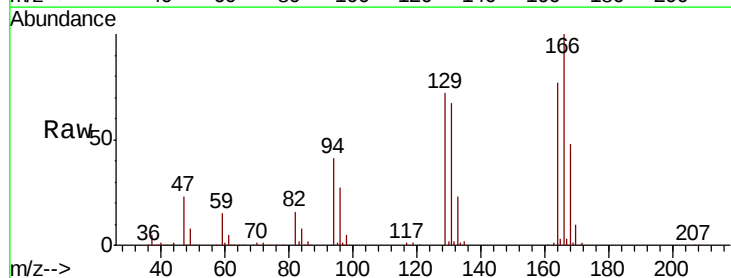


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

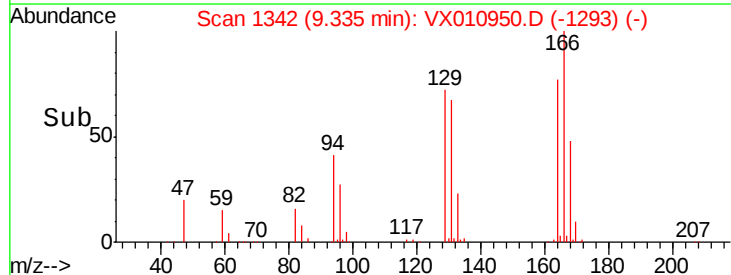
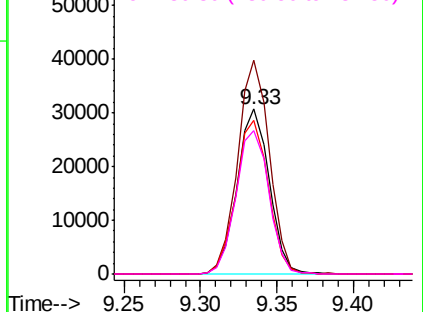


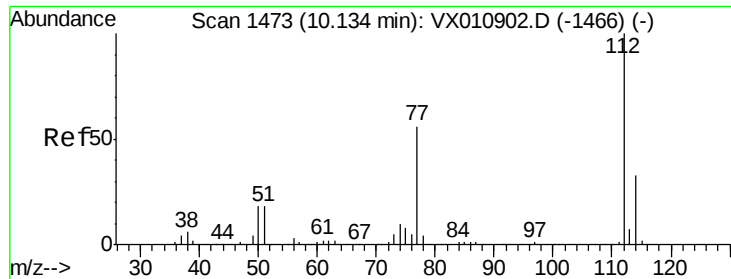
#64
Tetrachloroethene
Concen: 19.701 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion:164 Resp: 44782
Ion Ratio Lower Upper
164 100
166 129.7 100.8 151.2
129 93.5 72.6 109.0
131 86.9 67.7 101.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

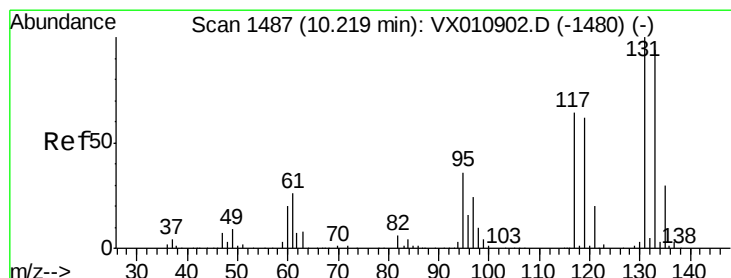
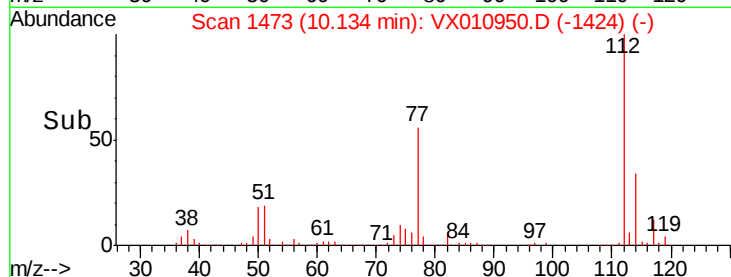
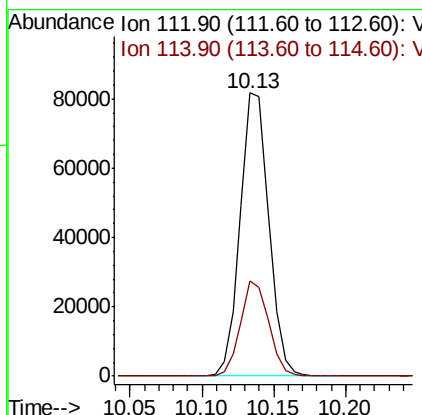
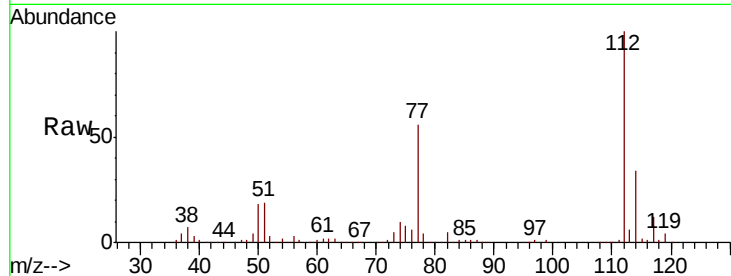




#65
Chlorobenzene
Concen: 19.071 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

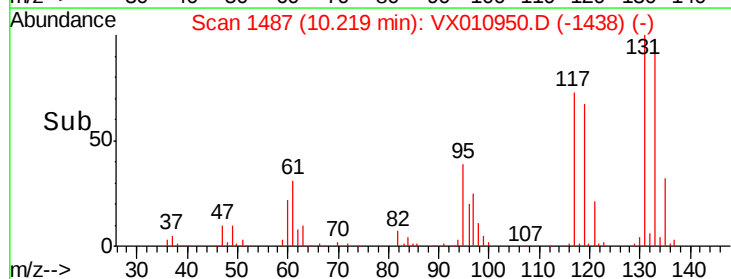
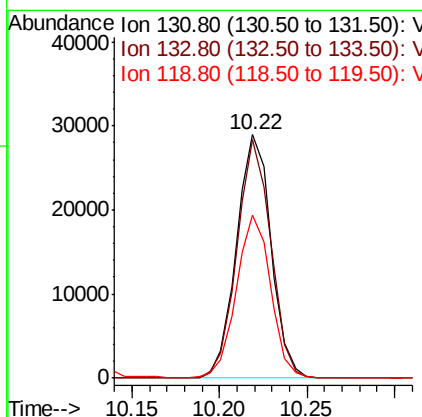
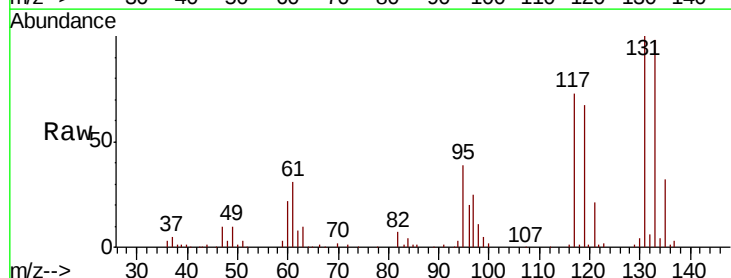
Instrument :
MSVOA_X
ClientSampled :

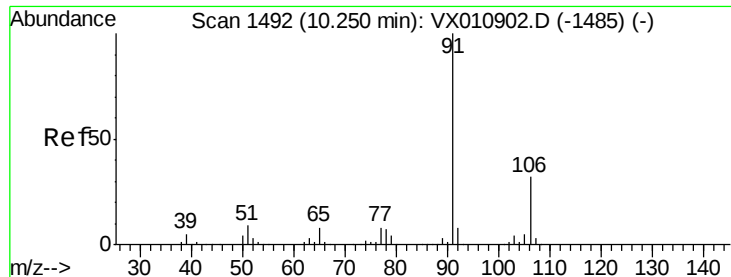
Tot Ion:112 Resp: 113176
Ion Ratio Lower Upper
112 100
114 33.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.042 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion:131 Resp: 39716
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.4 31.9 95.7





#67

Ethyl Benzene

Concen: 19.647 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

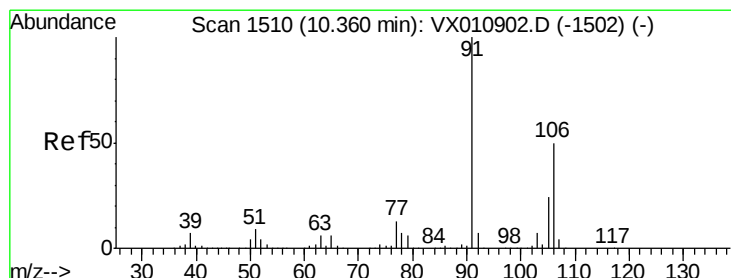
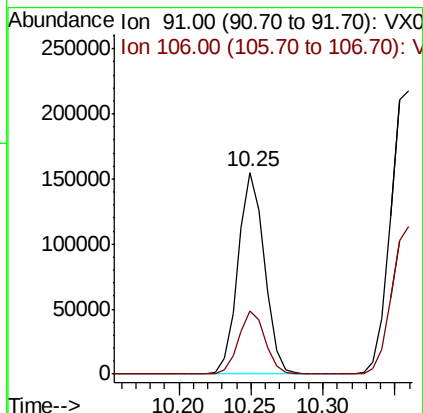
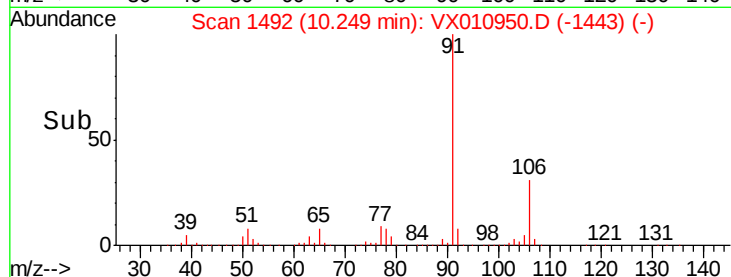
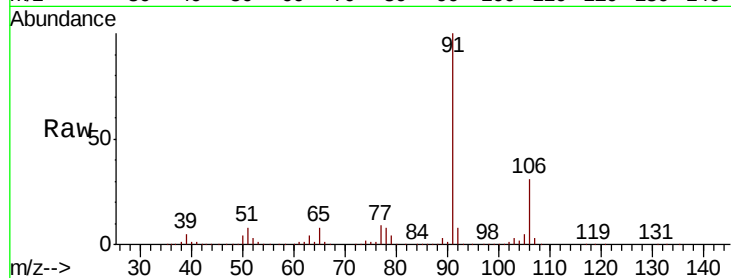
ClientSampleId :

Tot Ion: 91 Resp: 198464

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.2



#68

m/p-Xylenes

Concen: 38.985 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010950.D

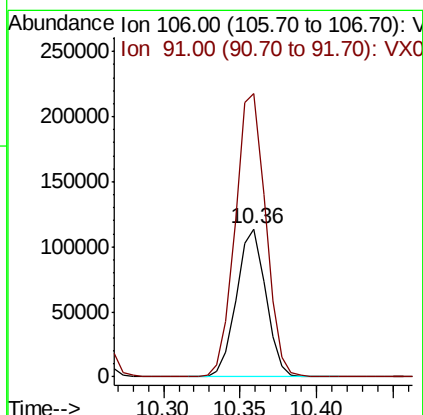
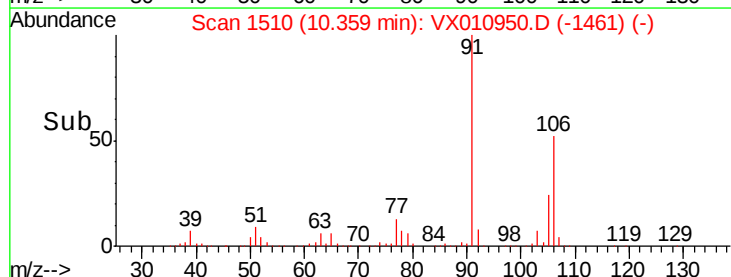
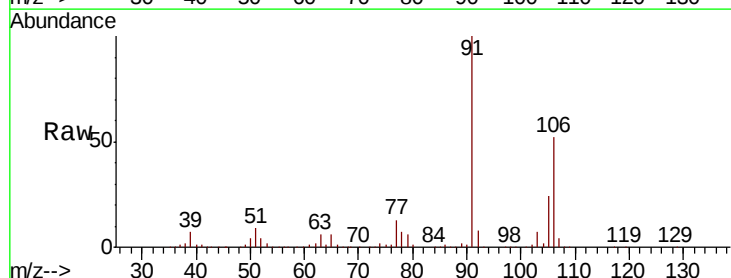
Acq: 18 Jul 2019 11:52

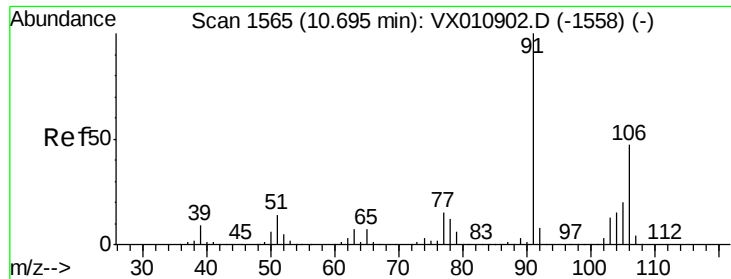
Tgt Ion: 106 Resp: 151060

Ion Ratio Lower Upper

106 100

91 199.3 160.1 240.1

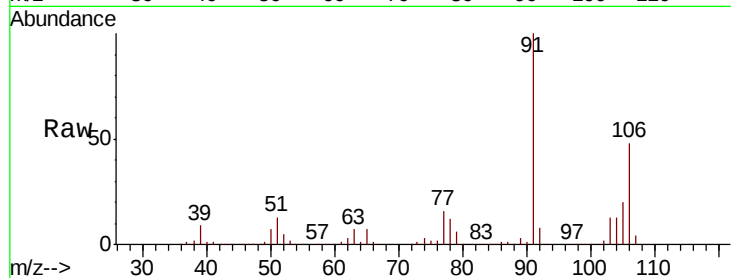




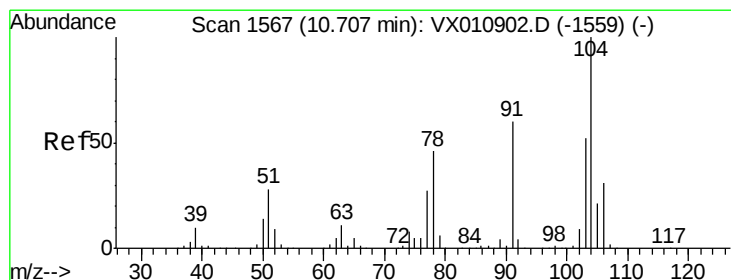
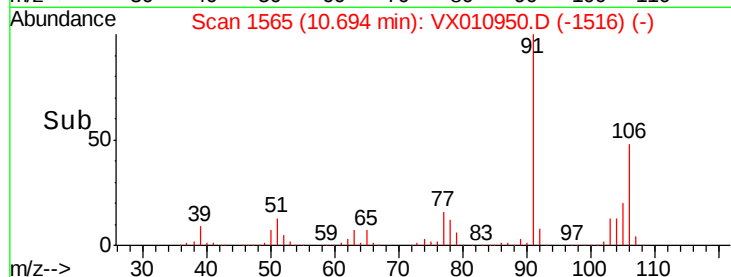
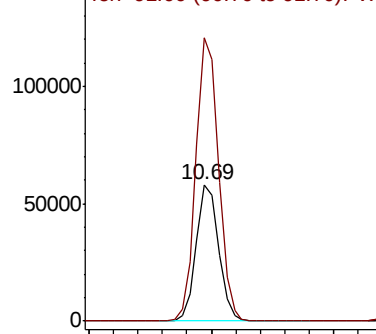
#69
o-Xylene
Concen: 19.534 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 73870
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.3

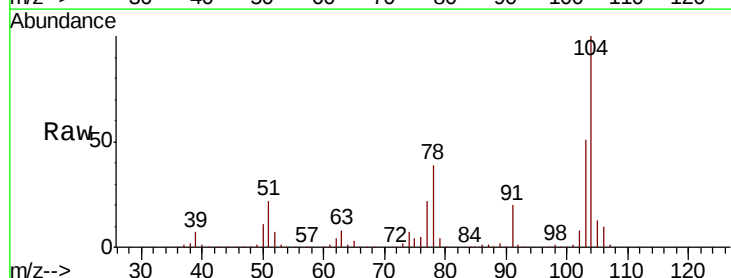


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

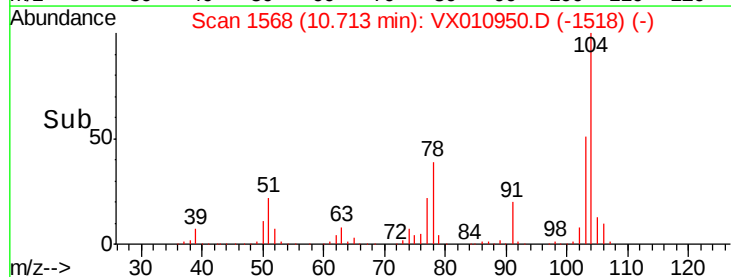
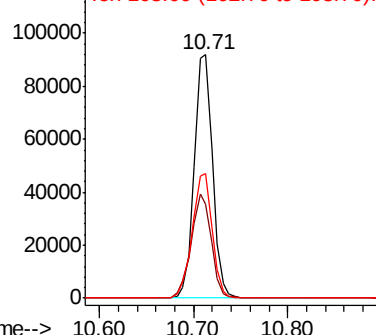


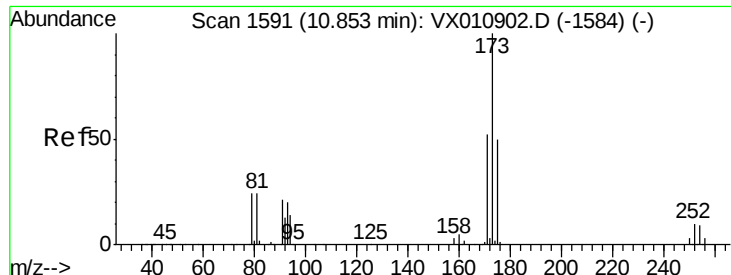
#70
Styrene
Concen: 19.735 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion:104 Resp: 124410
Ion Ratio Lower Upper
104 100
78 46.7 38.8 58.2
103 55.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.690 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

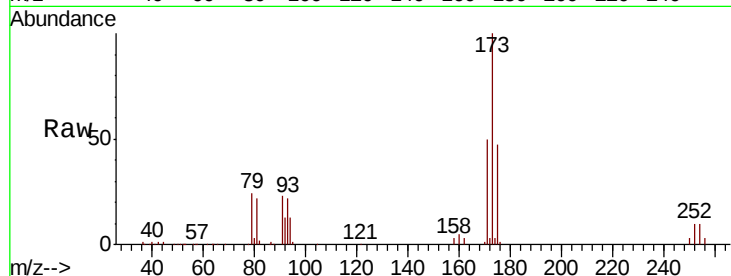
Tot Ion:173 Resp: 30298

Ion Ratio Lower Upper

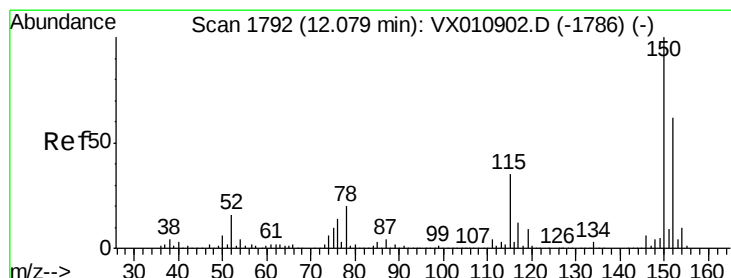
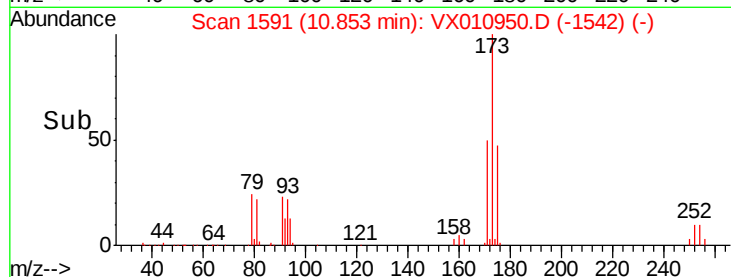
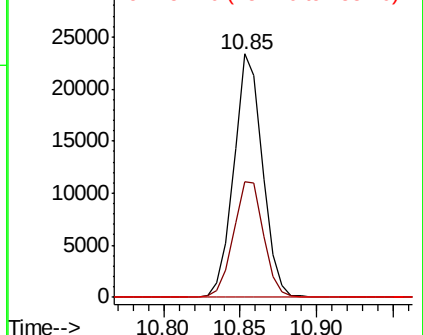
173 100

175 49.8 24.6 73.6

254 0.0 0.1 0.1#



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: VX010950.D

Acq: 18 Jul 2019 11:52

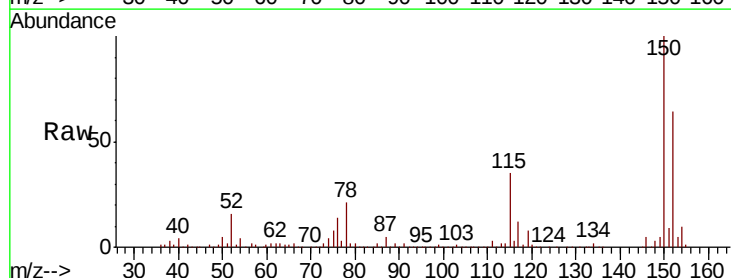
Tgt Ion:152 Resp: 148840

Ion Ratio Lower Upper

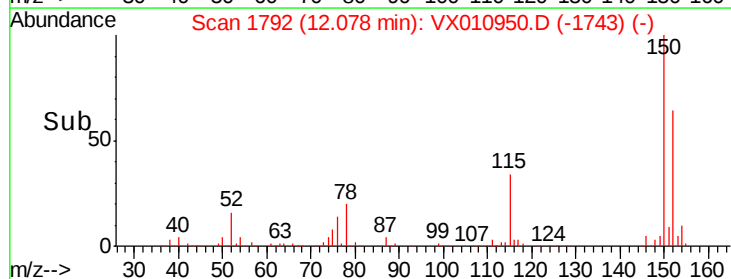
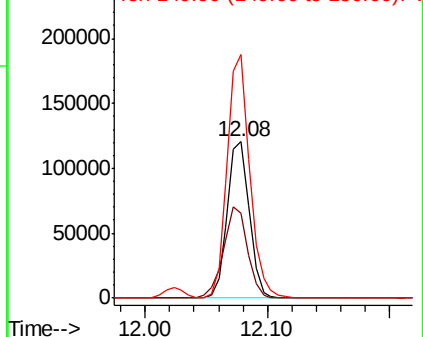
152 100

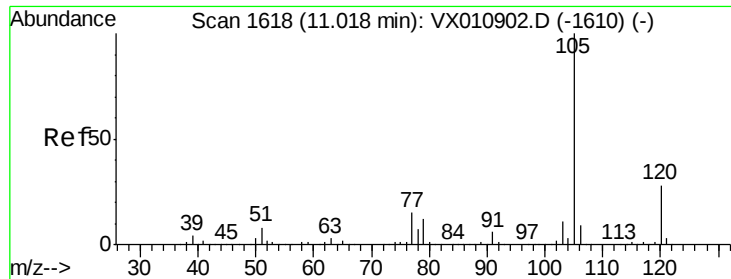
115 64.2 39.7 119.1

150 159.9 0.0 345.6



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: 19.612 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

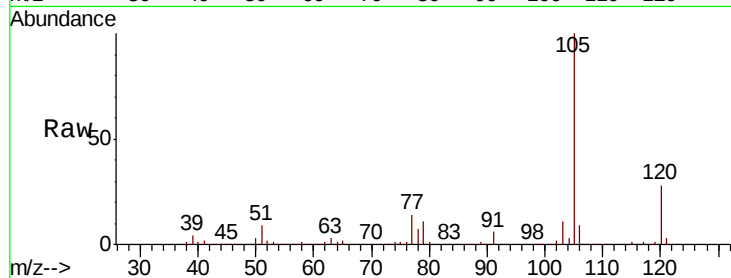
ClientSampleId :

Tot Ion:105 Resp: 197235

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

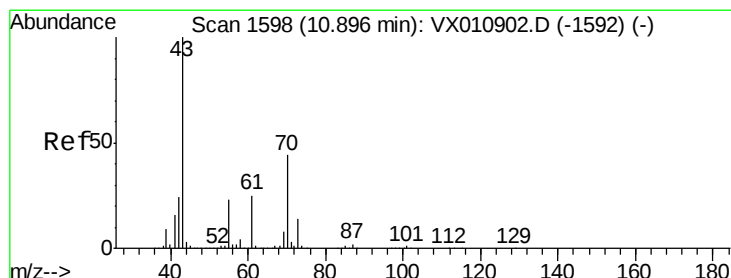
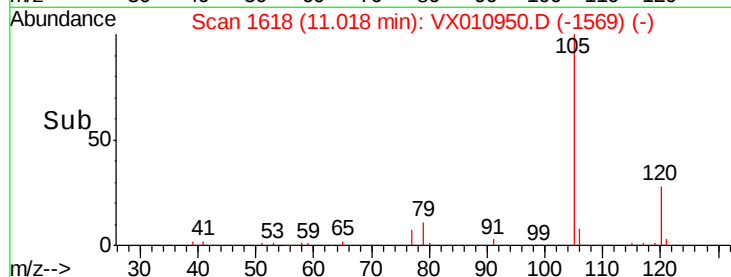
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.266 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Tgt Ion: 43 Resp: 74036

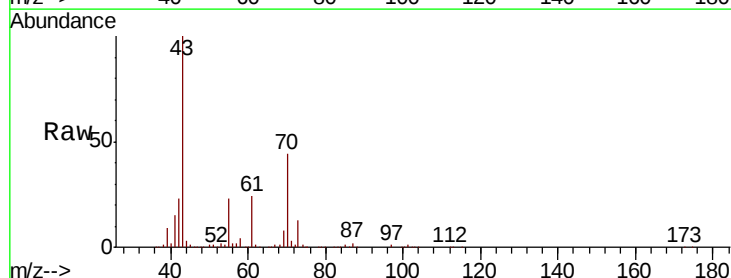
Ion Ratio Lower Upper

43 100

70 44.6 34.7 52.1

55 25.3 19.1 28.7

61 24.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

100000

80000

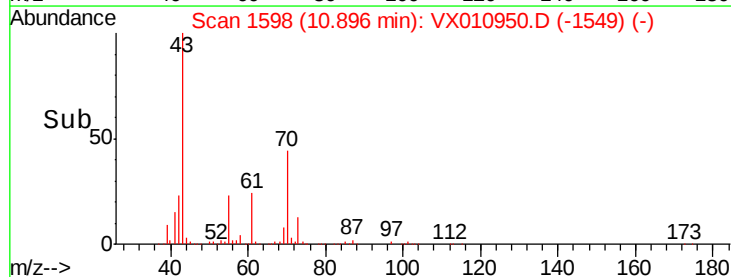
60000

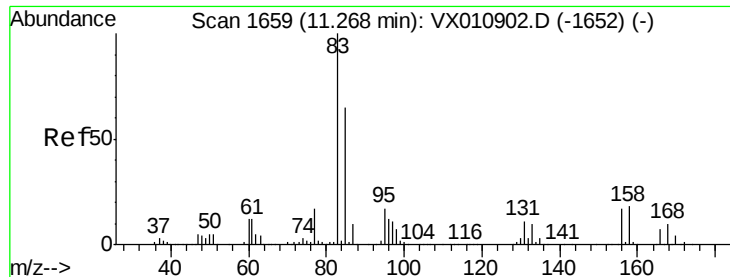
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.488 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

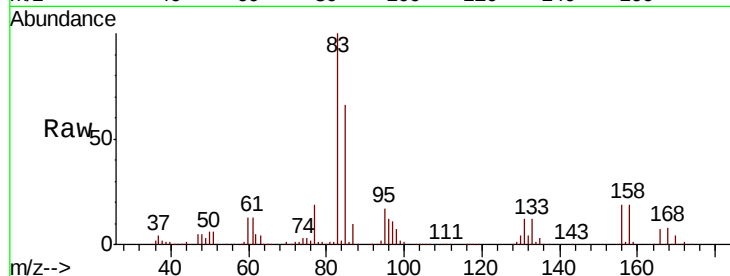
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 64139

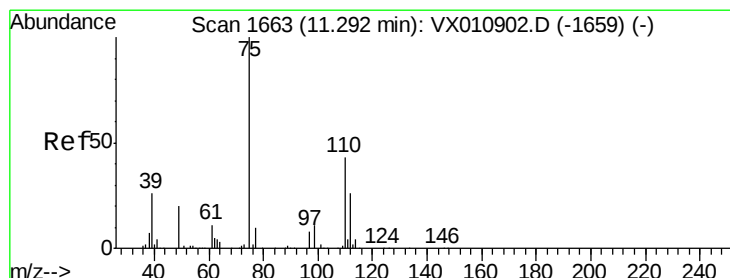
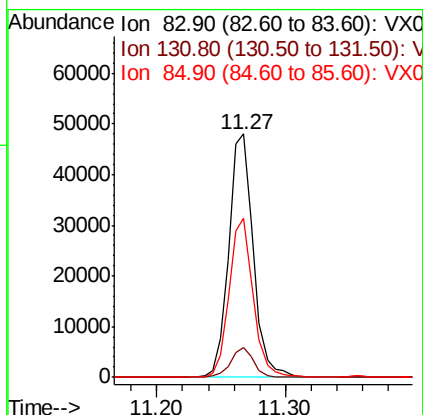
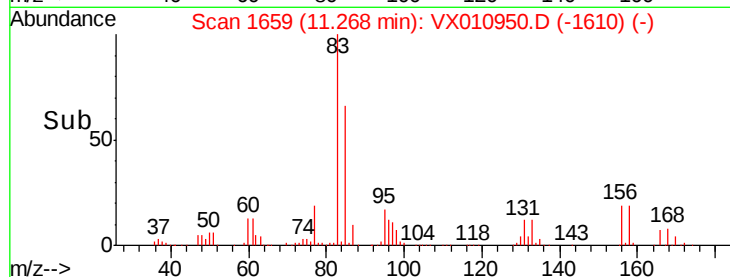
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.4
85	64.5	32.3	96.9



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: 25.061 ug/l

RT: 11.29 min Scan# 1663

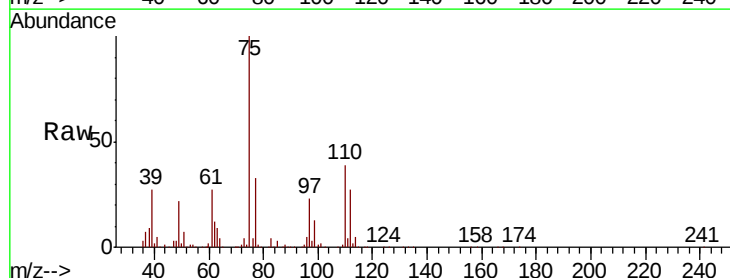
Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

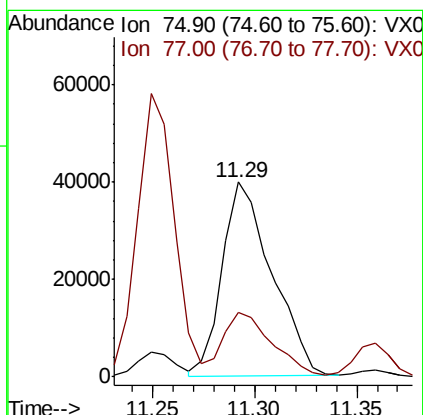
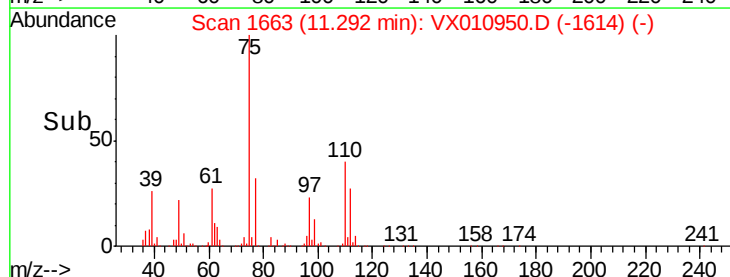
Tgt Ion: 75 Resp: 67311

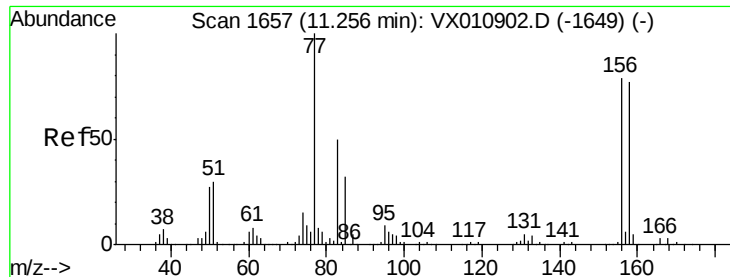
Ion	Ratio	Lower	Upper
75	100		
77	33.0	21.3	64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.416 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

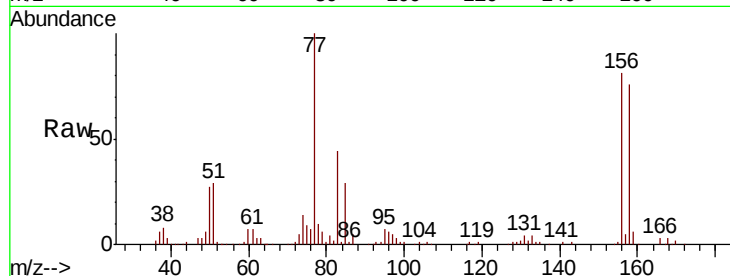
Tot Ion:156 Resp: 53863

Ion Ratio Lower Upper

156 100

77 135.3 68.7 206.1

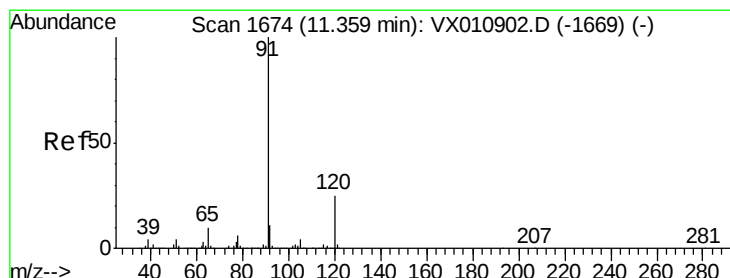
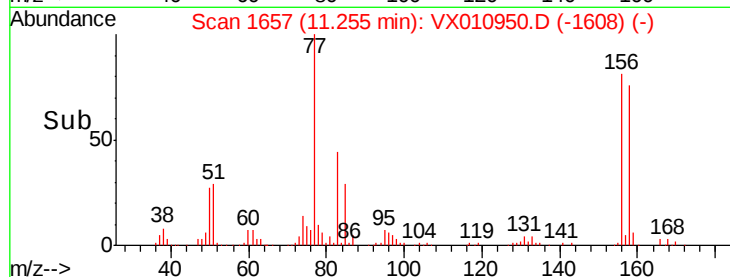
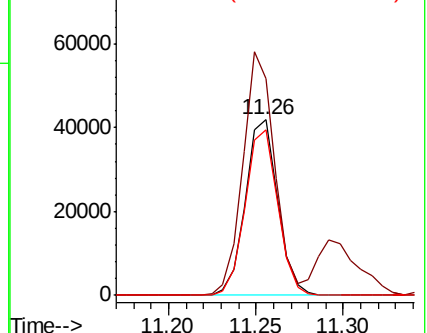
158 95.1 47.9 143.7



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: 19.883 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010950.D

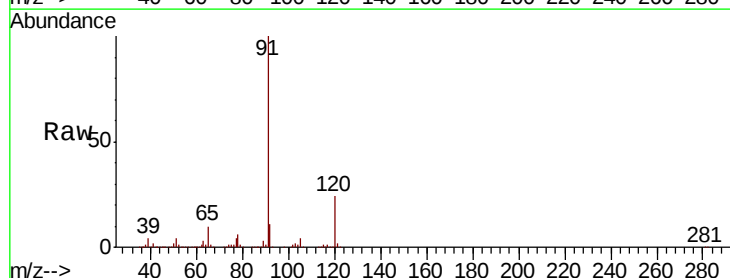
Acq: 18 Jul 2019 11:52

Tgt Ion: 91 Resp: 220941

Ion Ratio Lower Upper

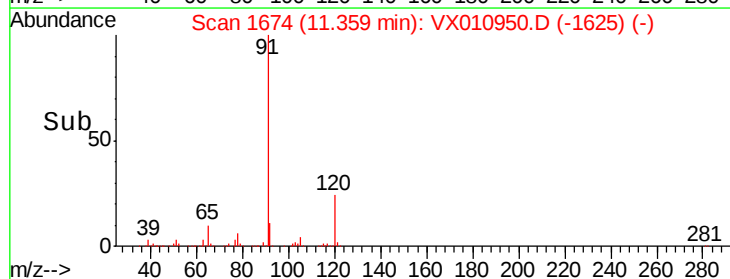
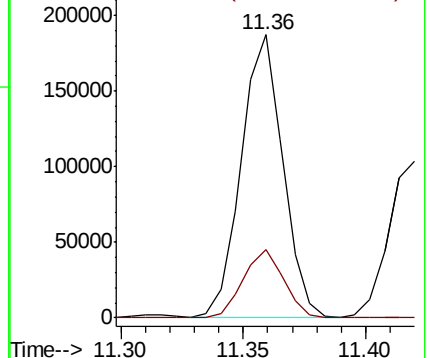
91 100

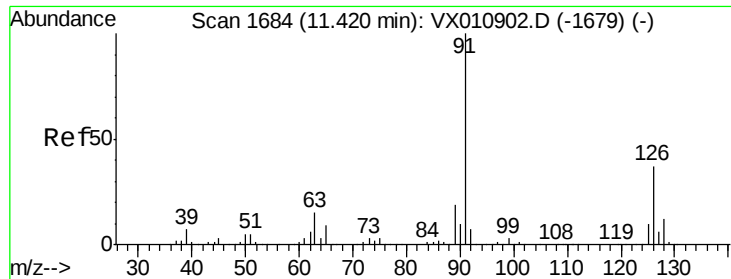
120 23.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.309 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

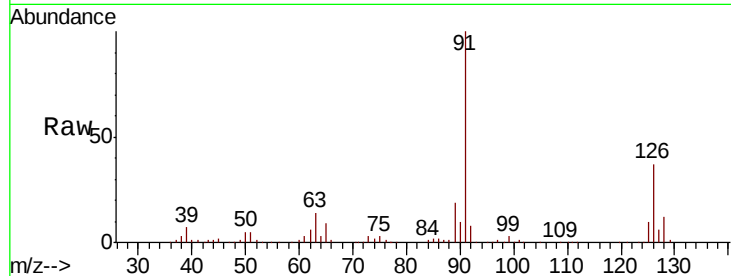
ClientSampleId :

Tot Ion: 91 Resp: 128897

Ion Ratio Lower Upper

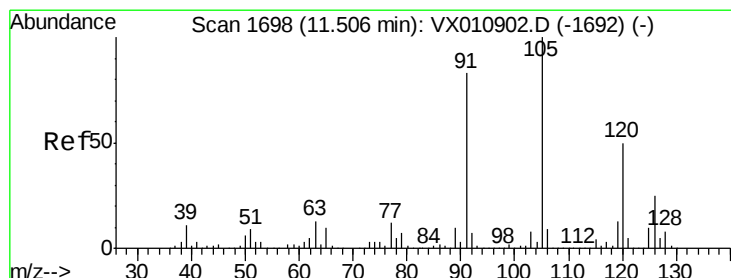
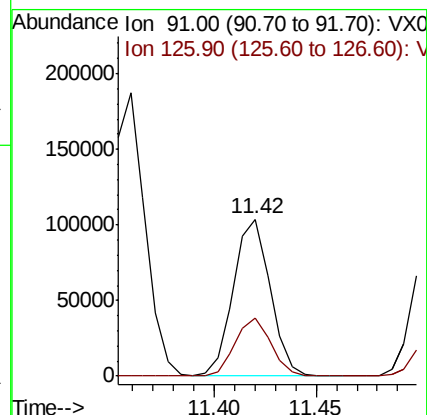
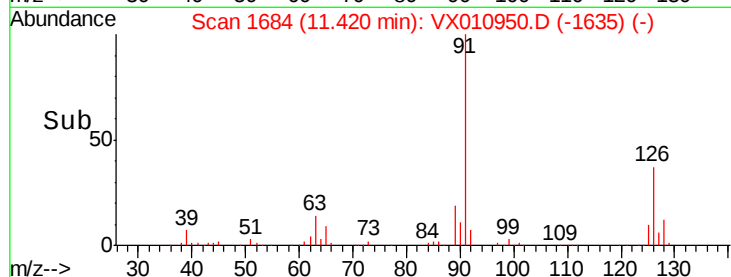
91 100

126 36.5 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.632 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010950.D

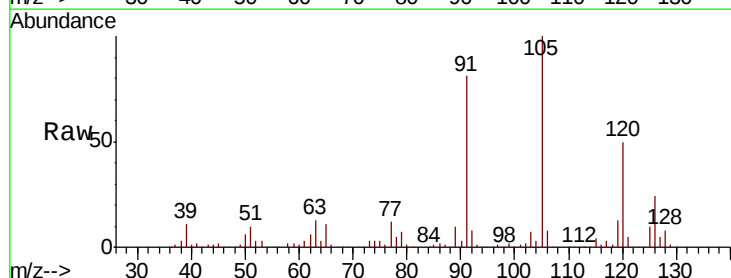
Acq: 18 Jul 2019 11:52

Tgt Ion:105 Resp: 164985

Ion Ratio Lower Upper

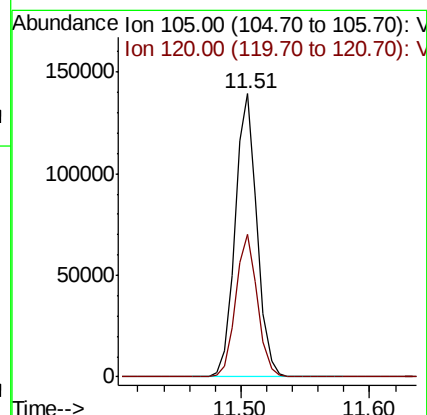
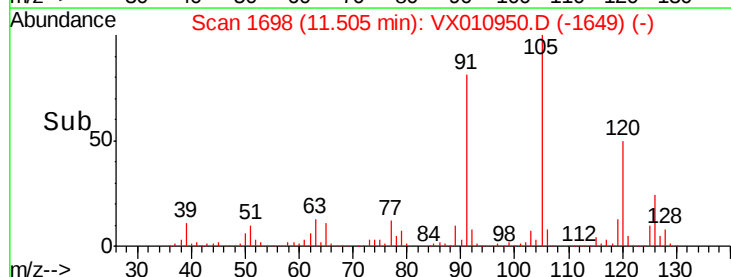
105 100

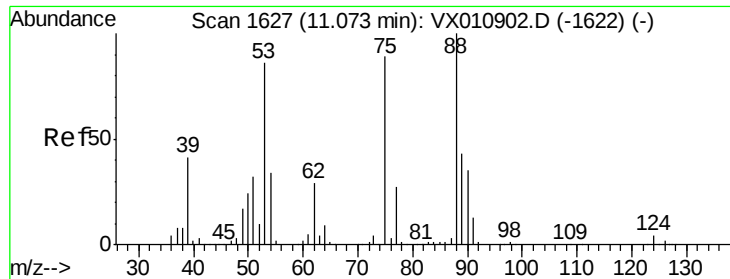
120 50.0 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.593 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

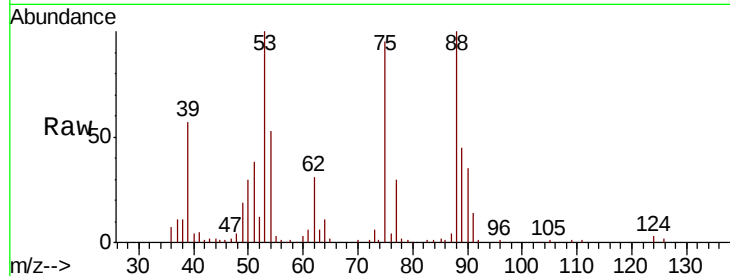
Tot Ion: 75 Resp: 16832

Ion Ratio Lower Upper

75 100

53 104.0 76.7 115.1

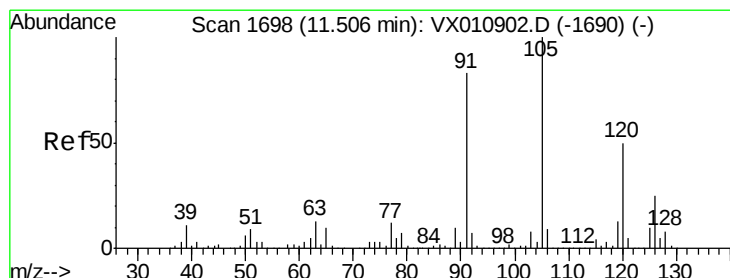
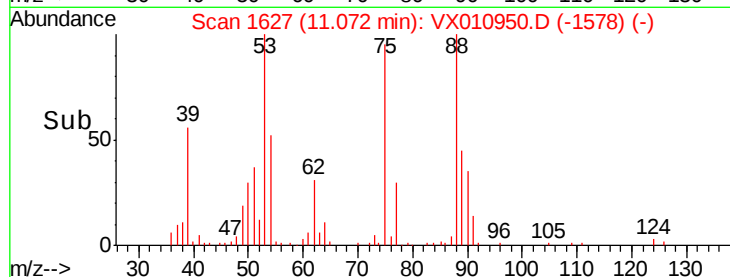
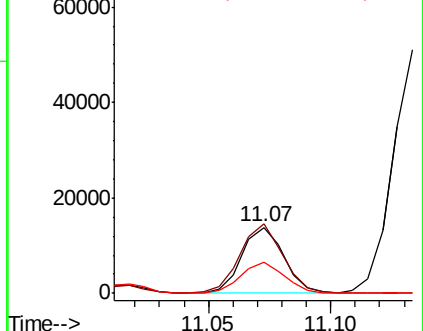
89 48.3 38.5 57.7



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: 19.090 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010950.D

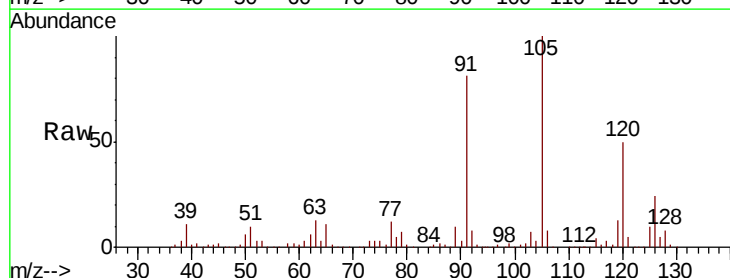
Acq: 18 Jul 2019 11:52

Tgt Ion: 91 Resp: 148316

Ion Ratio Lower Upper

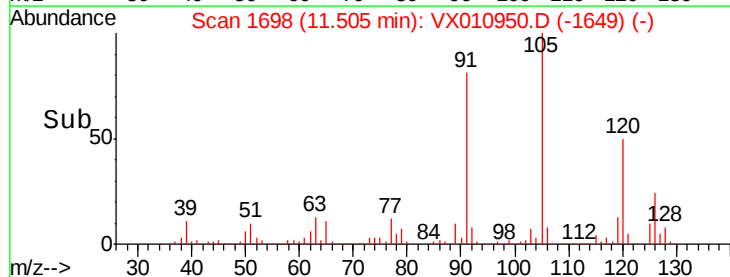
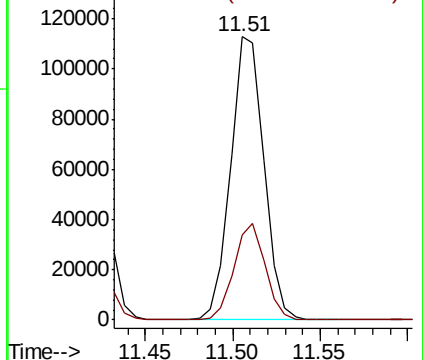
91 100

126 32.3 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.585 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

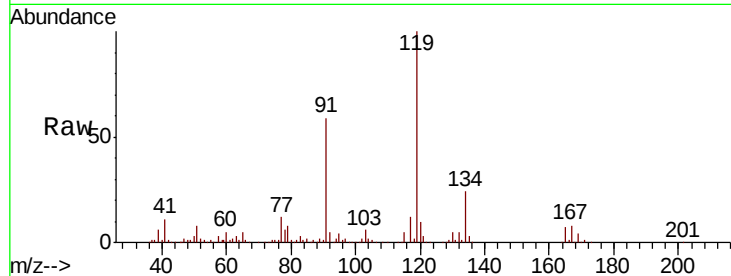
Tot Ion:119 Resp: 161665

Ion Ratio Lower Upper

119 100

91 57.4 28.6 85.8

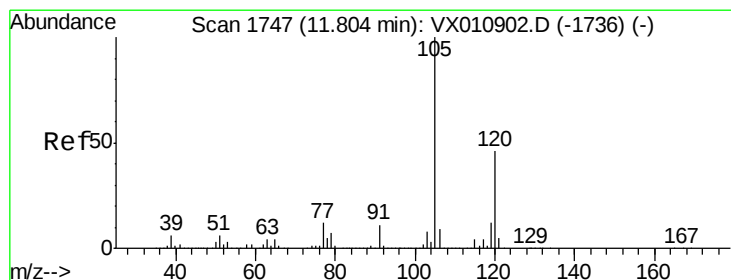
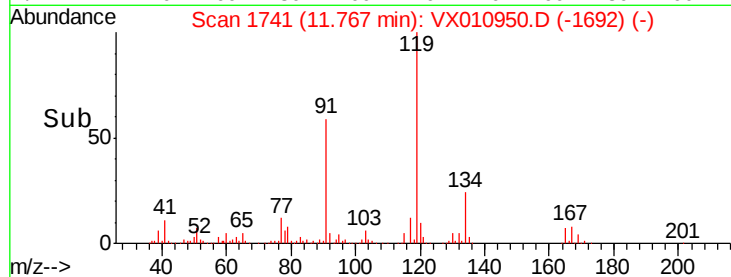
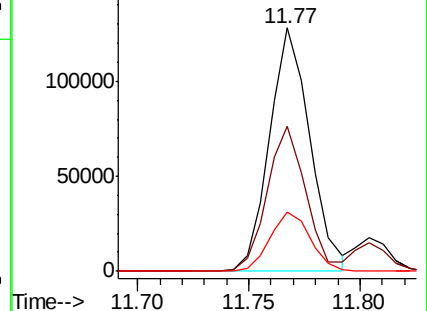
134 24.4 11.6 34.8



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: 19.562 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010950.D

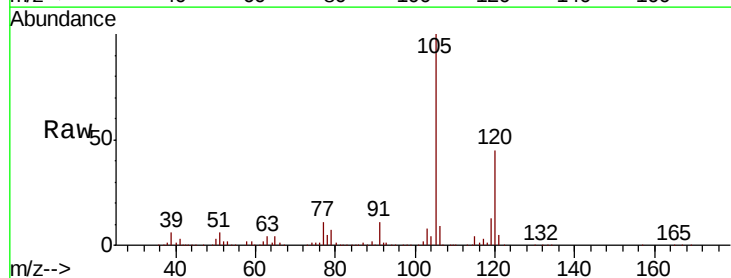
Acq: 18 Jul 2019 11:52

Tgt Ion:105 Resp: 165690

Ion Ratio Lower Upper

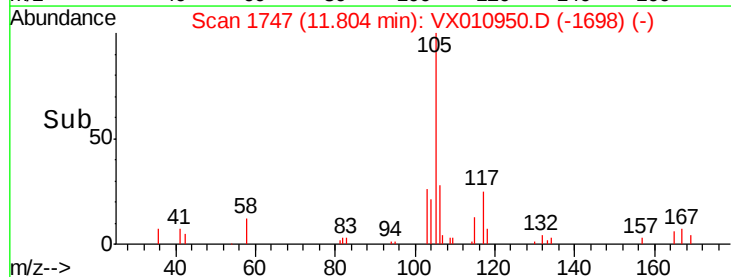
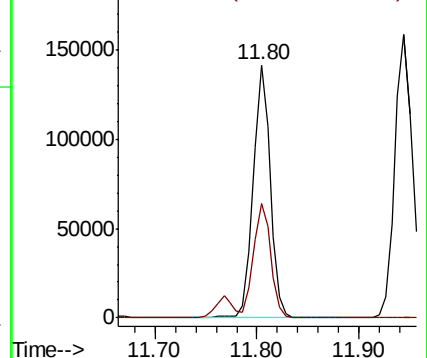
105 100

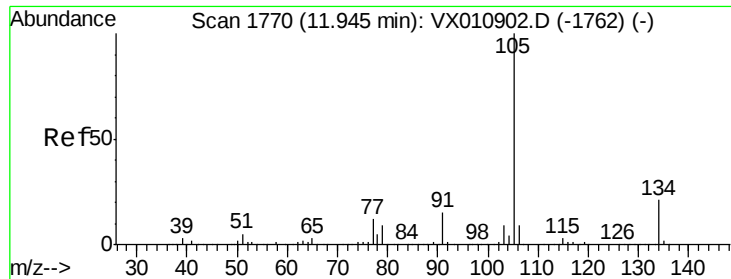
120 45.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.869 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

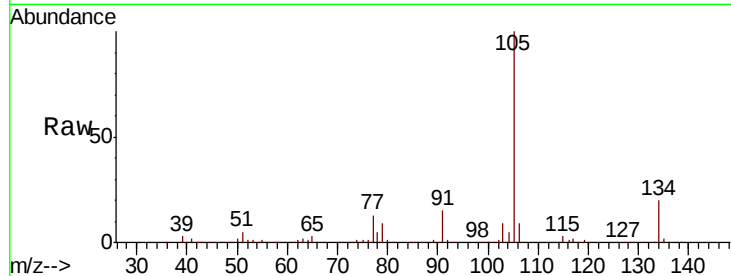
ClientSampleId :

Tot Ion:105 Resp: 192173

Ion Ratio Lower Upper

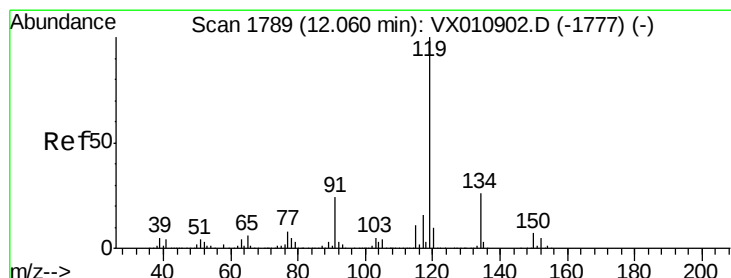
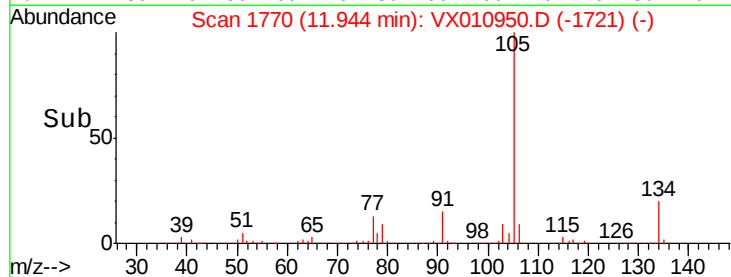
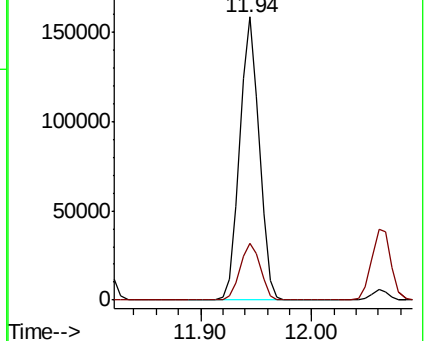
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.734 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

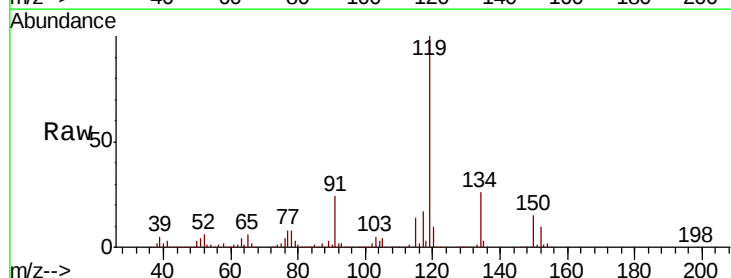
Tgt Ion:119 Resp: 176460

Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.1

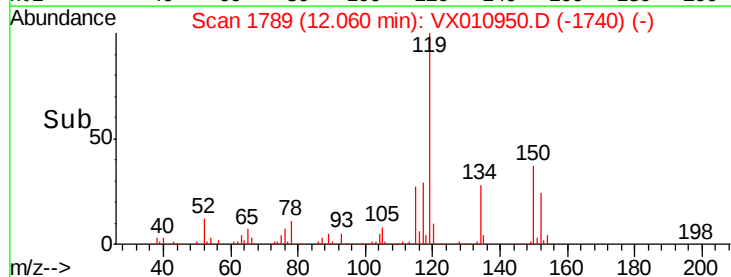
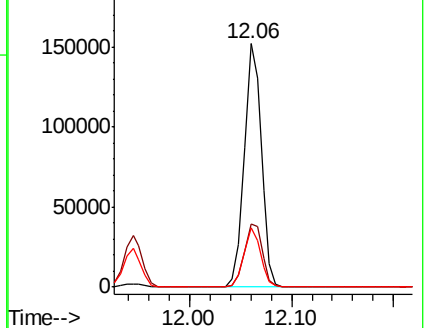
91 23.7 11.8 35.4

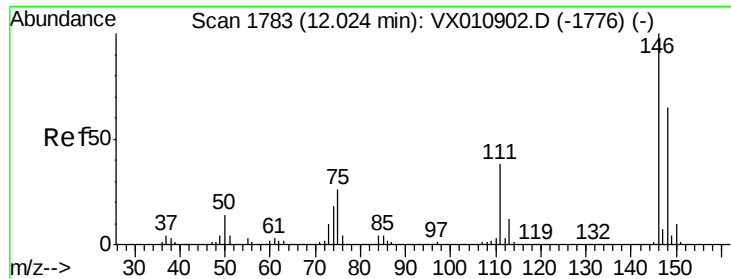


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

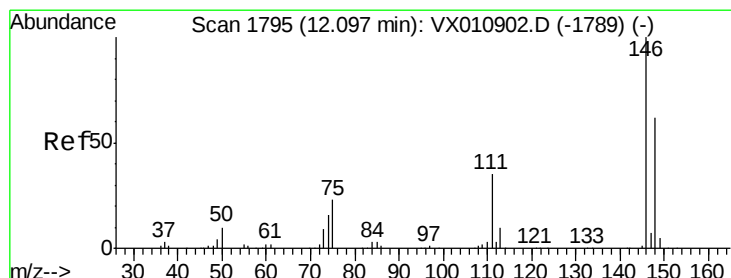
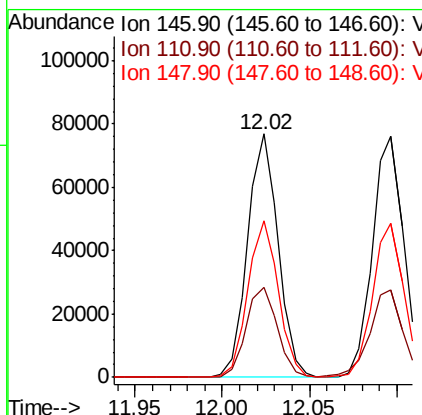
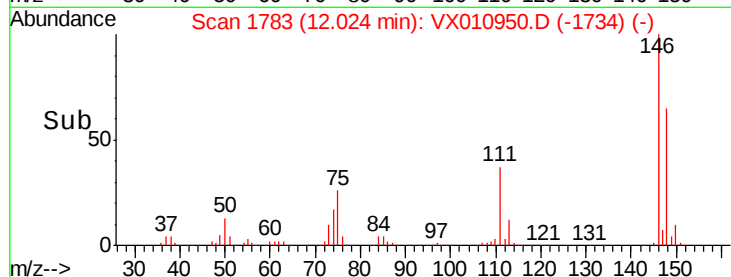
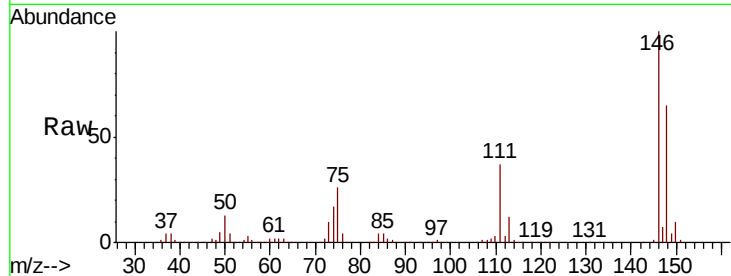




#87
 1,3-Dichlorobenzene
 Concen: 19.386 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

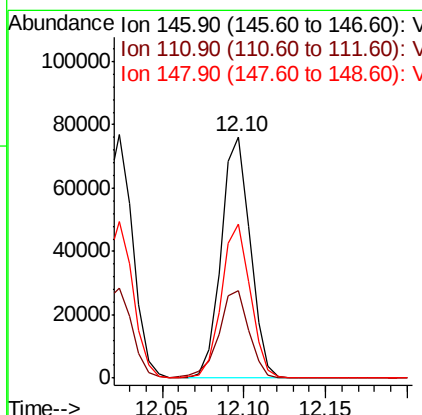
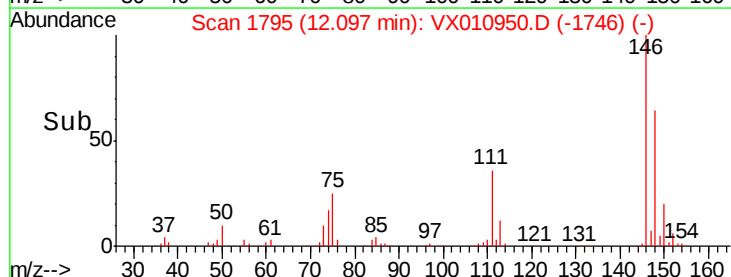
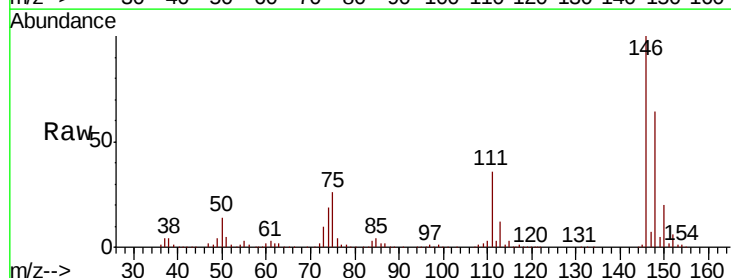
Instrument :
 MSVOA_X
 ClientSampled :

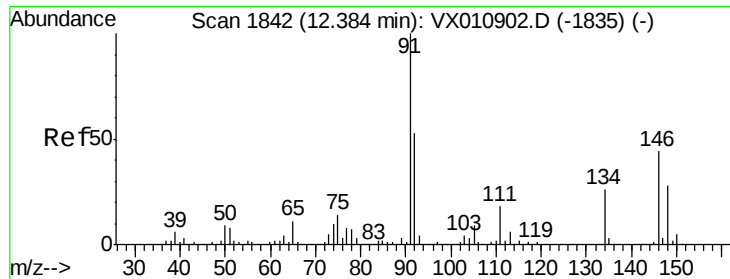
Tot Ion:146 Resp: 93328
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion:146 Resp: 94587
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.6 55.8
 148 64.2 31.6 94.7

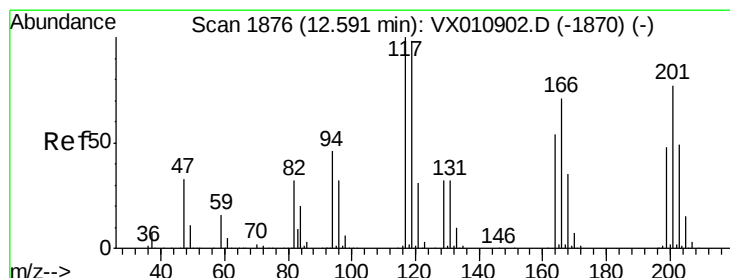
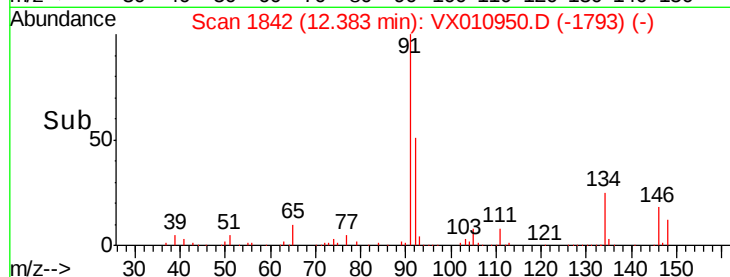
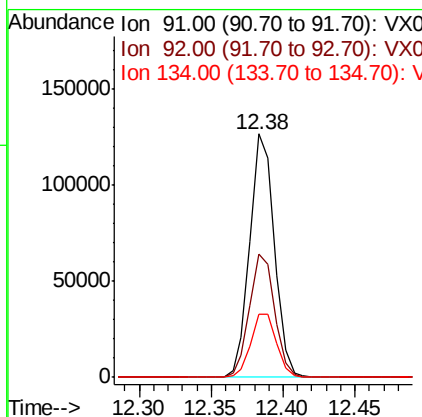
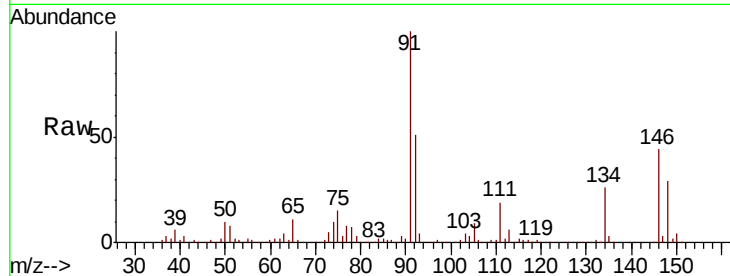




#89
n-Butylbenzene
Concen: 19.423 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

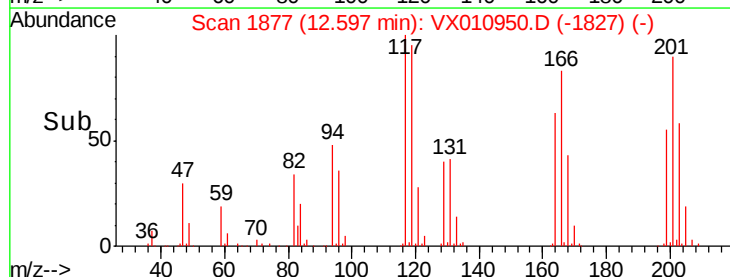
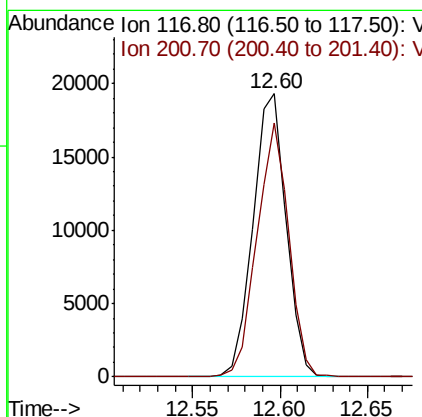
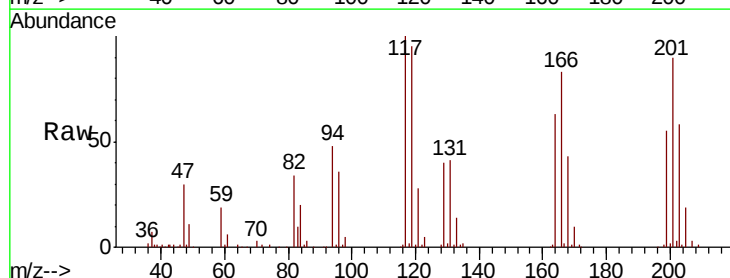
Instrument :
MSVOA_X
ClientSampleId :

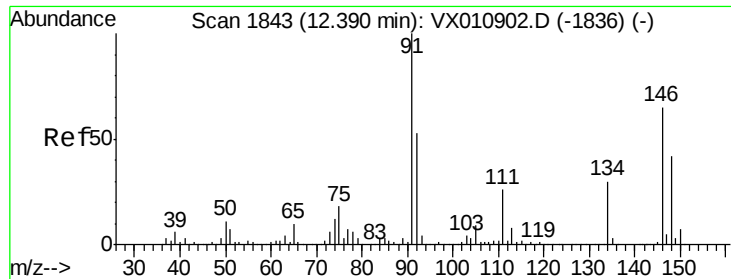
Tot Ion: 91 Resp: 148584
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.1 13.8 41.3



#90
Hexachloroethane
Concen: 17.970 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion: 117 Resp: 25345
Ion Ratio Lower Upper
117 100
201 86.0 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 19.790 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

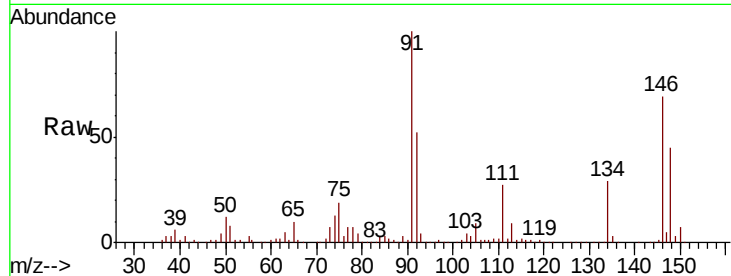
Tot Ion:146 Resp: 94423

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

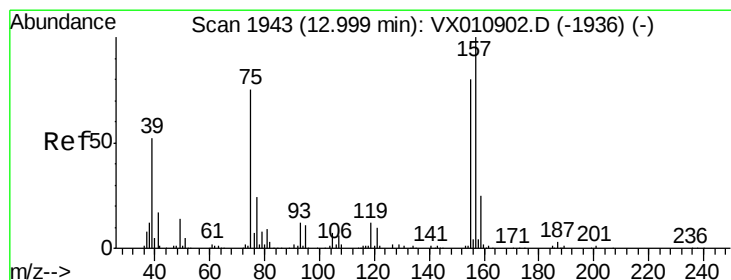
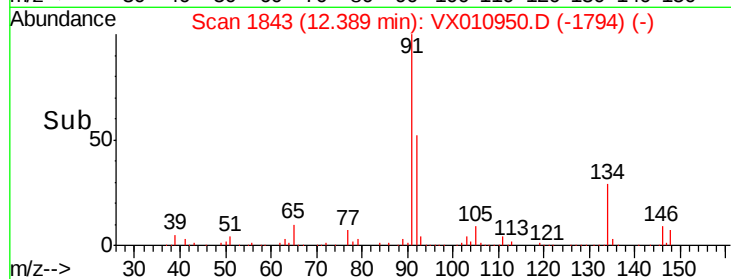
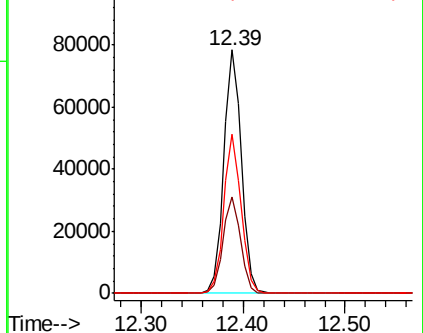
148 63.9 32.0 96.2



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: 18.594 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010950.D

Acq: 18 Jul 2019 11:52

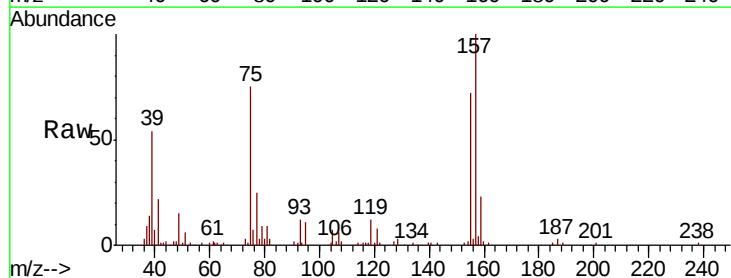
Tgt Ion: 75 Resp: 12792

Ion Ratio Lower Upper

75 100

155 97.6 48.7 146.1

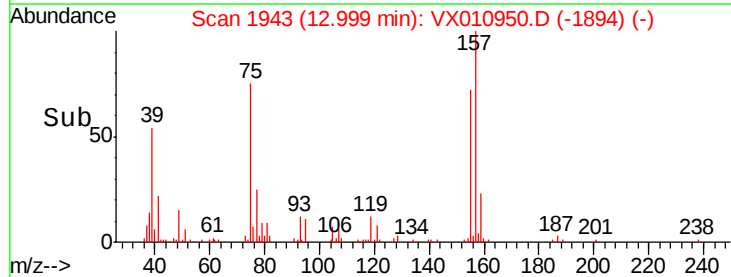
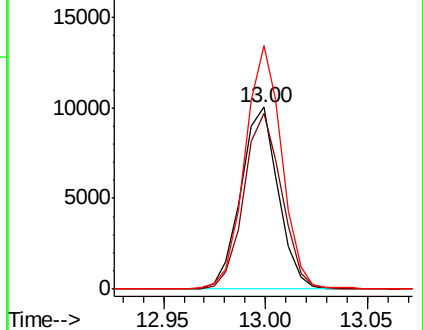
157 131.8 62.5 187.6

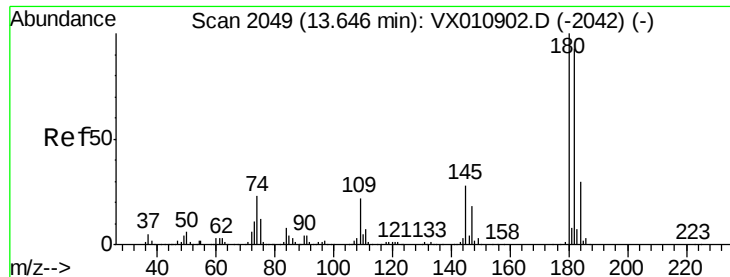


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

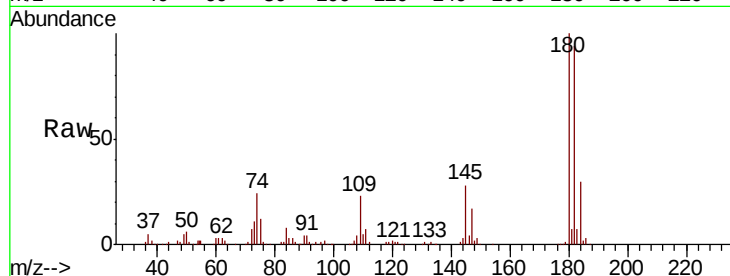




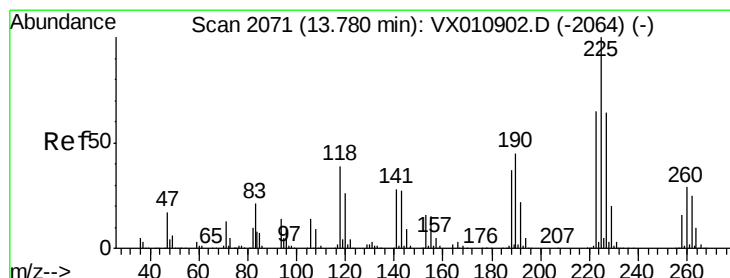
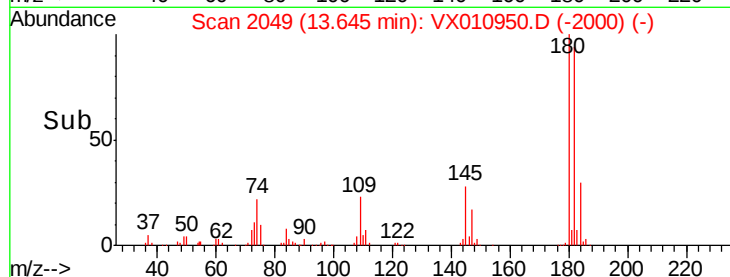
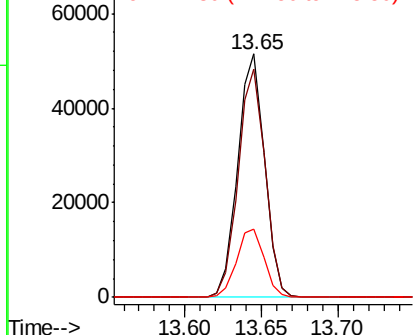
#93
 1,2,4-Trichlorobenzene
 Concen: 19.315 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 62456
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.1 141.3
 145 29.0 14.8 44.4

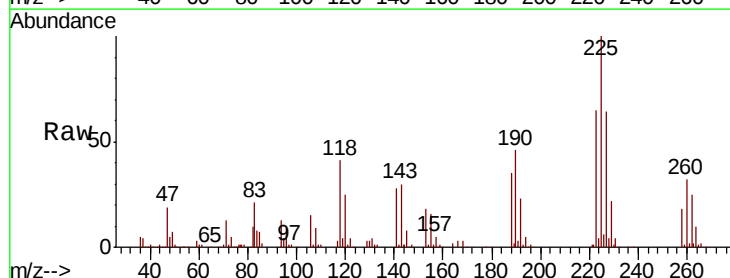


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

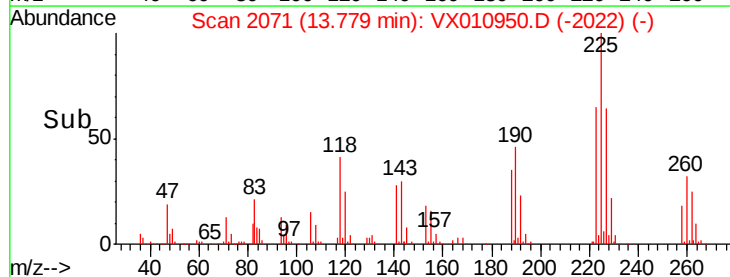
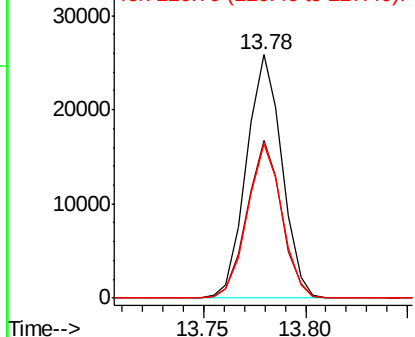


#94
 Hexachlorobutadiene
 Concen: 19.495 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010950.D
 Acq: 18 Jul 2019 11:52

Tgt Ion:225 Resp: 31238
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.9
 227 61.6 32.5 97.4



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

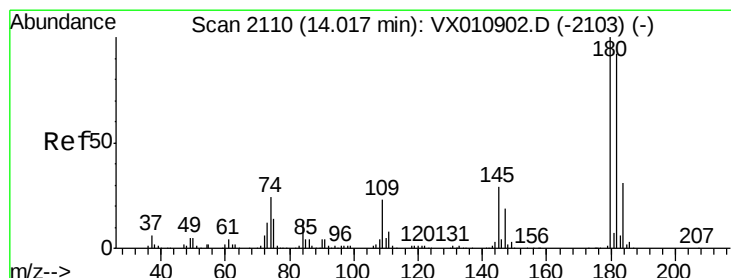
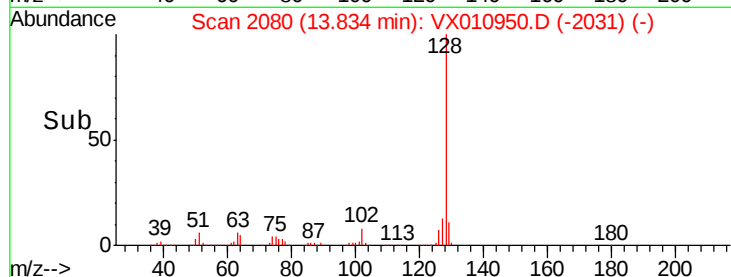
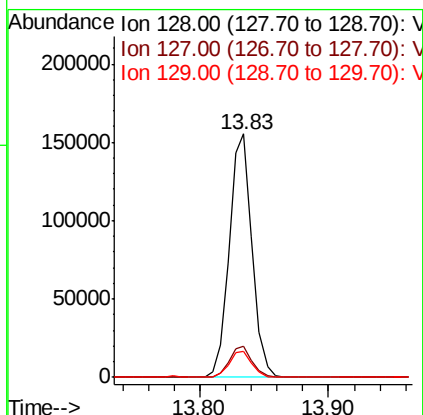
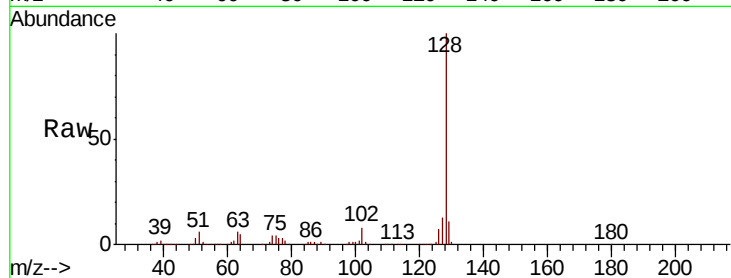




#95
Naphthalene
Concen: 20.134 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 192249
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.045 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010950.D
Acq: 18 Jul 2019 11:52

Tgt Ion:180 Resp: 64491
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.3
145 30.7 15.1 45.3

