

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010196.D
 Acq On : 10 Jun 2019 23:33
 Operator : JC/SP
 Sample : VX0610WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS03

Quant Time: Jun 11 02:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	254017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	349835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117105	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.50	113	115527	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.71	98	446426	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.13	95	158853	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47904	20.495	ug/l	98
3) Chloromethane	1.33	50	44396	19.126	ug/l	95
4) Vinyl Chloride	1.41	62	47164	21.619	ug/l	98
5) Bromomethane	1.64	94	23208	28.191	ug/l	97
6) Chloroethane	1.72	64	26757	24.326	ug/l	100
7) Trichlorofluoromethane	1.93	101	72922	22.502	ug/l	99
8) Diethyl Ether	2.19	74	24802	22.205	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41478	18.568	ug/l	91
10) Methyl Iodide	2.51	142	65220	18.844	ug/l	97
11) Tert butyl alcohol	3.04	59	59886	98.593	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43136	18.906	ug/l #	77
13) Acrolein	2.29	56	11363	102.596	ug/l	95
14) Allyl chloride	2.73	41	60897	17.682	ug/l #	90
15) Acrylonitrile	3.14	53	122059	98.313	ug/l	98
16) Acetone	2.45	43	98294	84.285	ug/l #	87
17) Carbon Disulfide	2.57	76	115139	17.465	ug/l	99
18) Methyl Acetate	2.78	43	50049	19.514	ug/l #	81
19) Methyl tert-butyl Ether	3.20	73	135675	18.509	ug/l	95
20) Methylene Chloride	2.85	84	48840	19.069	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	44720	17.711	ug/l	82
22) Diisopropyl ether	3.85	45	126713	19.243	ug/l #	94
23) Vinyl Acetate	3.82	43	551649	93.908	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	73253	18.322	ug/l #	94
25) 2-Butanone	4.67	43	167335	96.358	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	49810	13.657	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	52959	18.854	ug/l	76
28) Bromochloromethane	5.01	49	32551	18.167	ug/l #	51
29) Tetrahydrofuran	5.13	42	107265	98.285	ug/l #	74
30) Chloroform	5.21	83	77591	18.687	ug/l	100
31) Cyclohexane	5.59	56	68144	18.886	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	70096	17.958	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	56897	18.073	ug/l	91
37) Ethyl Acetate	4.84	43	61810	18.870	ug/l #	91
38) Carbon Tetrachloride	5.79	117	63064	17.698	ug/l	100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0610WBS03

Quant Time: Jun 11 02:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	76554	17.858	ug/l #	83
40) Benzene	6.15	78	186166	19.124	ug/l	99
41) Methacrylonitrile	5.04	41	33065	18.661	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	56827	18.285	ug/l	93
43) Isopropyl Acetate	6.45	43	101507	18.534	ug/l #	88
44) Trichloroethene	7.21	130	54443	18.554	ug/l	88
45) 1,2-Dichloropropane	7.51	63	45847	18.817	ug/l	100
46) Dibromomethane	7.66	93	33132	18.151	ug/l	89
47) Bromodichloromethane	7.90	83	61383	17.996	ug/l #	96
48) Methyl methacrylate	7.77	41	48512	18.940	ug/l #	77
49) 1,4-Dioxane	7.74	88	27889	381.907	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	327918	100.226	ug/l	90
52) Toluene	8.78	92	119742	18.712	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	66746	16.918	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	73555	17.391	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	50572	19.297	ug/l	96
56) Ethyl methacrylate	9.18	69	77360	18.687	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	77233	18.719	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	191071	97.905	ug/l #	86
59) 2-Hexanone	9.49	43	254698	97.637	ug/l	86
60) Dibromochloromethane	9.58	129	56327	18.171	ug/l	98
61) 1,2-Dibromoethane	9.67	107	54504	18.674	ug/l	99
64) Tetrachloroethene	9.34	164	51569	19.847	ug/l	99
65) Chlorobenzene	10.13	112	135403	18.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	51150	18.421	ug/l	99
67) Ethyl Benzene	10.25	91	229610	18.680	ug/l	95
68) m/p-Xylenes	10.36	106	177813	37.384	ug/l	91
69) o-Xylene	10.69	106	88451	18.707	ug/l	88
70) Styrene	10.71	104	149373	18.653	ug/l	95
71) Bromoform	10.85	173	46004	18.022	ug/l #	98
73) Isopropylbenzene	11.02	105	230795	18.823	ug/l	95
74) N-amyl acetate	10.90	43	91578	18.895	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	79902	19.037	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	86528	24.629	ug/l	83
77) Bromobenzene	11.26	156	63090	18.711	ug/l	81
78) n-propylbenzene	11.36	91	252143	18.472	ug/l	94
79) 2-Chlorotoluene	11.42	91	148175	18.074	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	192861	18.675	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26048	16.381	ug/l #	83
82) 4-Chlorotoluene	11.51	91	170795	18.340	ug/l	91
83) tert-Butylbenzene	11.77	119	195097	18.665	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	193743	18.573	ug/l	96
85) sec-Butylbenzene	11.94	105	221307	18.173	ug/l	96
86) p-Isopropyltoluene	12.06	119	205180	18.431	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	110677	18.635	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	111103	18.558	ug/l	98
89) n-Butylbenzene	12.38	91	169688	17.708	ug/l	97
90) Hexachloroethane	12.59	117	38202	17.226	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	110421	19.124	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17352	17.569	ug/l	66

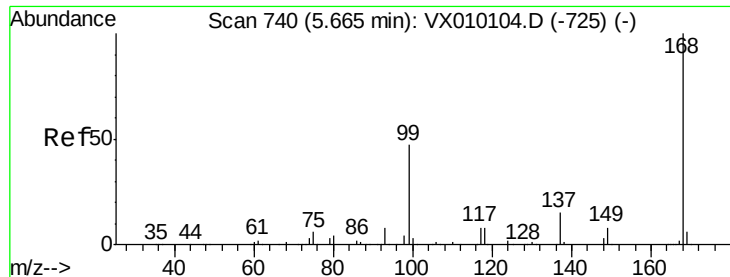
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
Data File : VX010196.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

Quant Time: Jun 11 02:42:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	77122	18.248	ug/l	99
94) Hexachlorobutadiene	13.78	225	35879	19.088	ug/l	98
95) Naphthalene	13.83	128	248161	18.653	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	76240	18.244	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

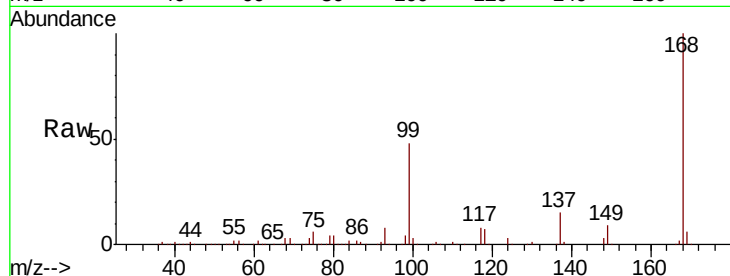
VX0610WBS03

Tot Ion:168 Resp: 254017

Ion Ratio Lower Upper

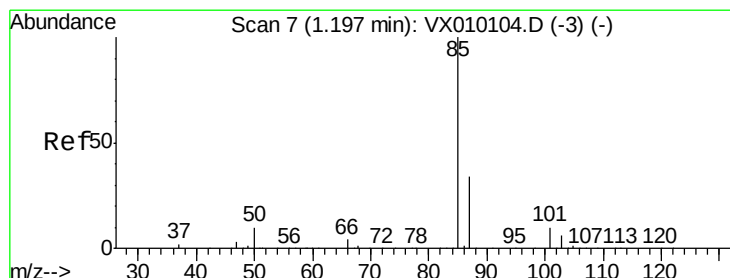
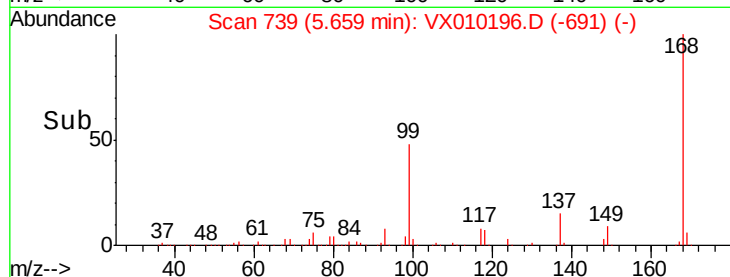
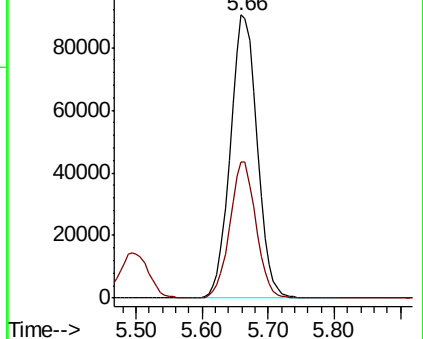
168 100

99 48.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.495 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010196.D

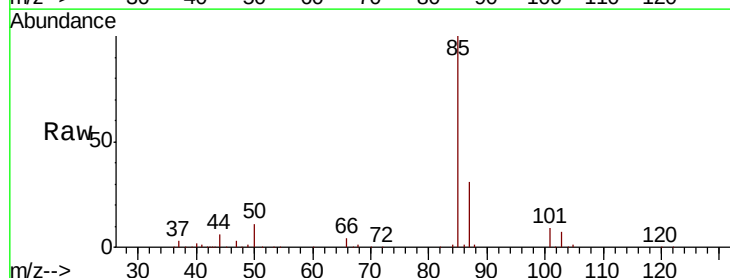
Acq: 10 Jun 2019 23:33

Tgt Ion: 85 Resp: 47904

Ion Ratio Lower Upper

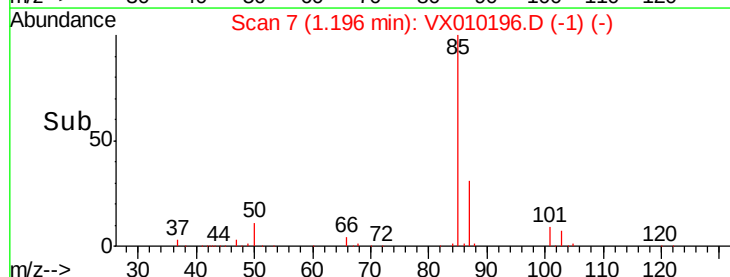
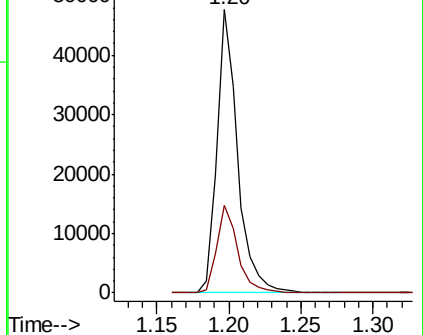
85 100

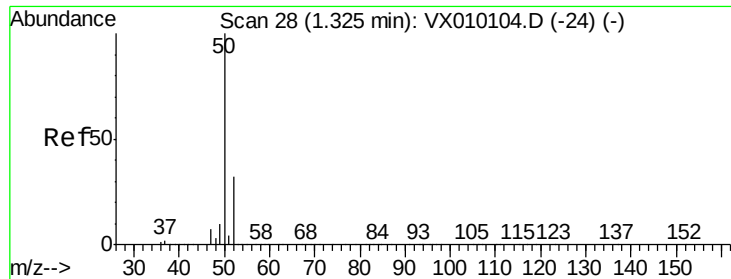
87 31.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.126 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

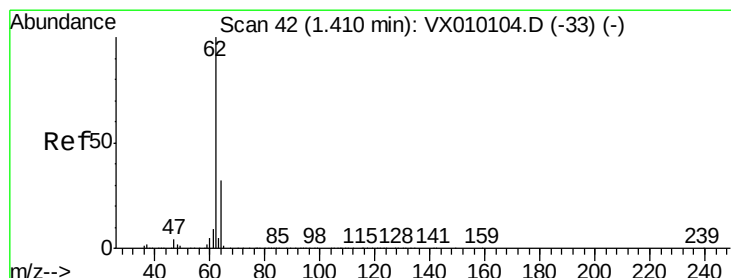
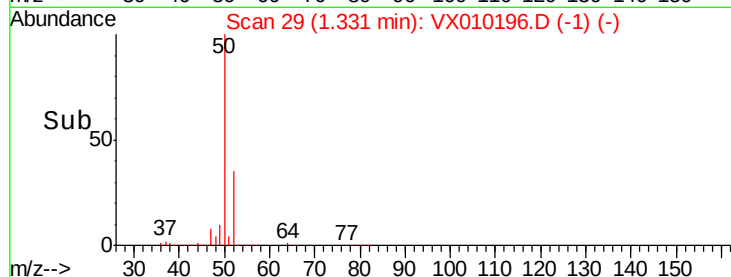
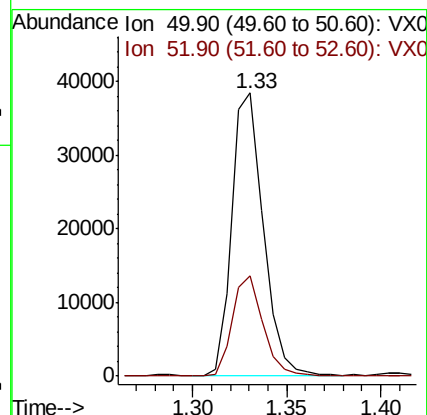
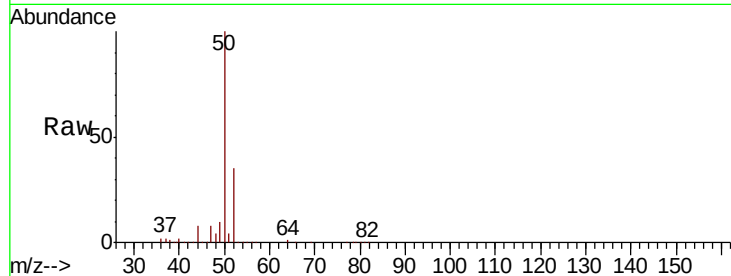
VX0610WBS03

Tot Ion: 50 Resp: 44396

Ion Ratio Lower Upper

50 100

52 35.5 26.0 39.0



#4

Vinyl Chloride

Concen: 21.619 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010196.D

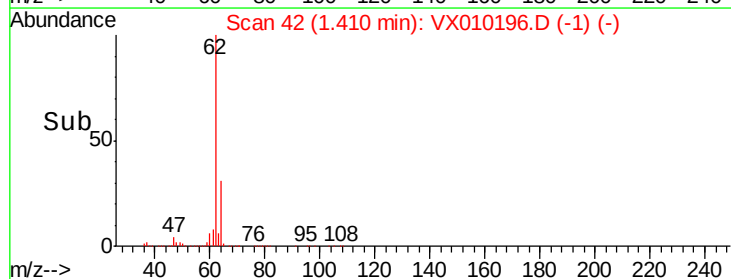
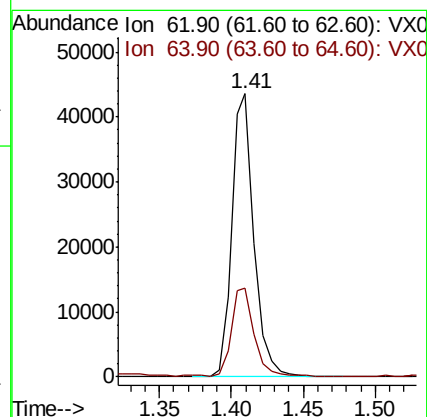
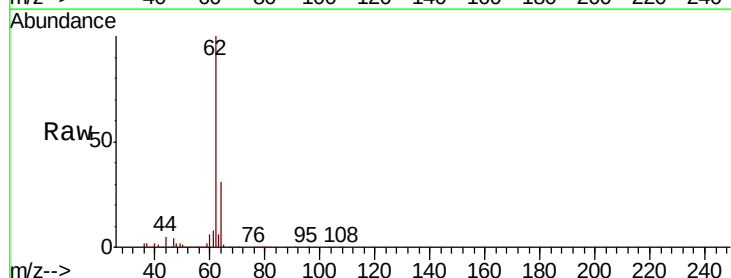
Acq: 10 Jun 2019 23:33

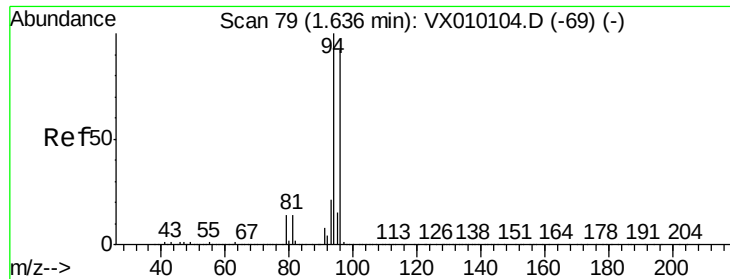
Tgt Ion: 62 Resp: 47164

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 28.191 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

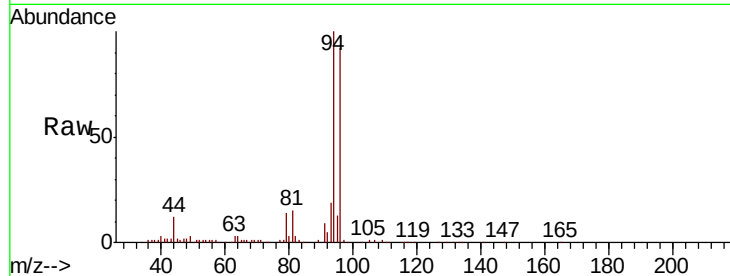
VX0610WBS03

Tot Ion: 94 Resp: 23208

Ion Ratio Lower Upper

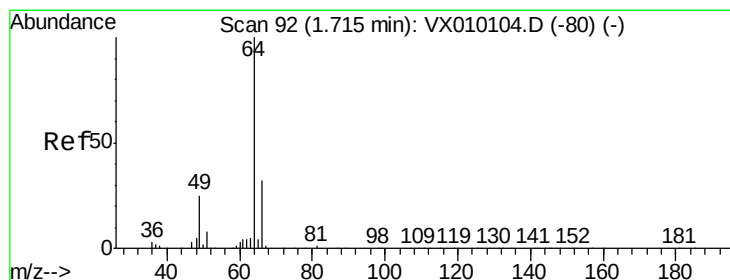
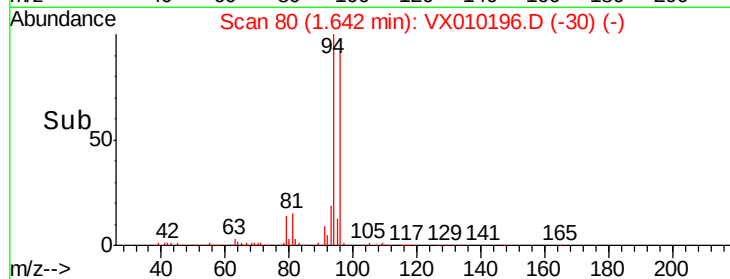
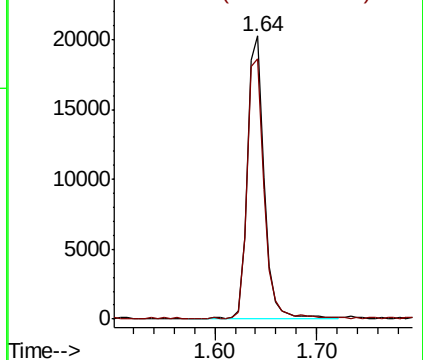
94 100

96 91.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.326 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010196.D

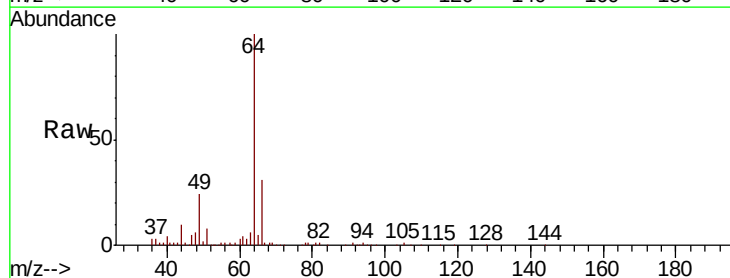
Acq: 10 Jun 2019 23:33

Tgt Ion: 64 Resp: 26757

Ion Ratio Lower Upper

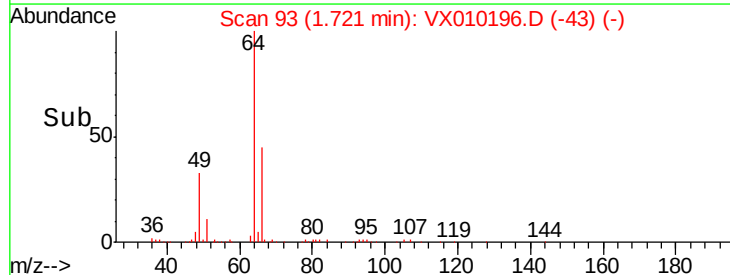
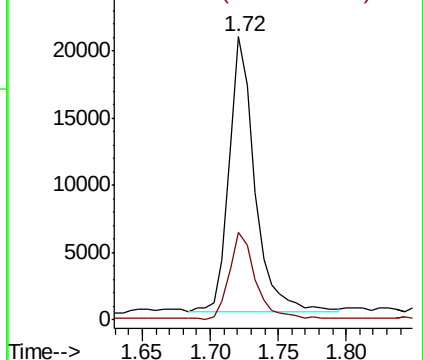
64 100

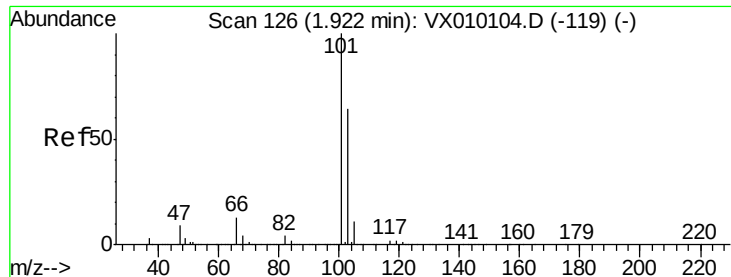
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



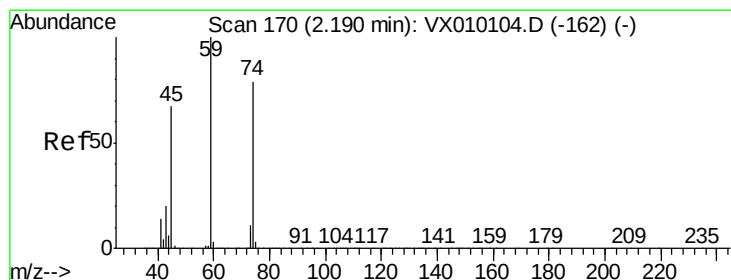
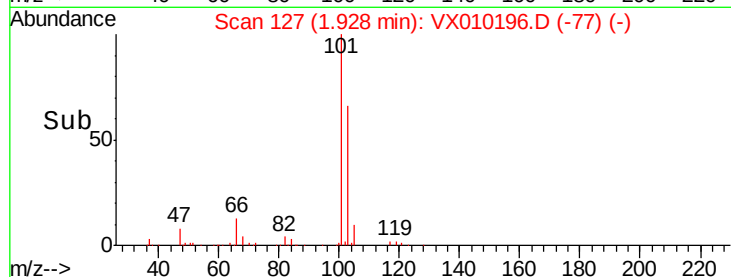
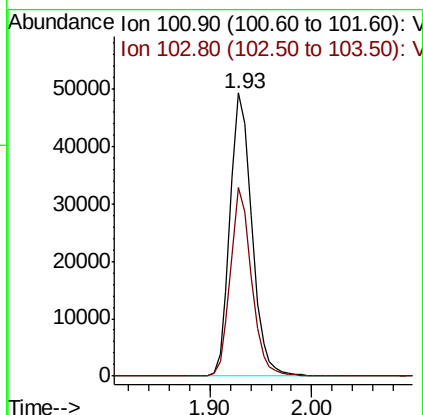
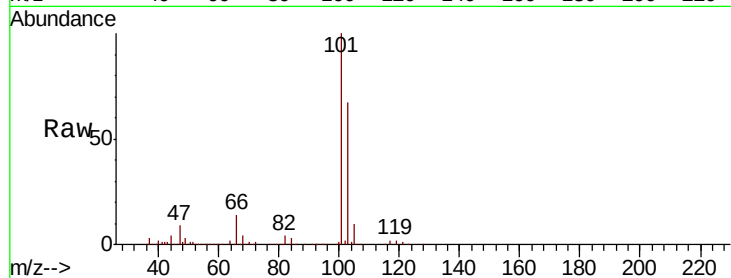


#7

Trichlorofluoromethane
Concen: 22.502 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Instrument :
MSVOA_X
ClientSampled :
VX0610WBS03

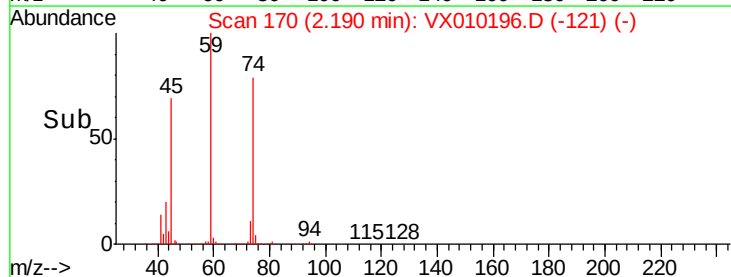
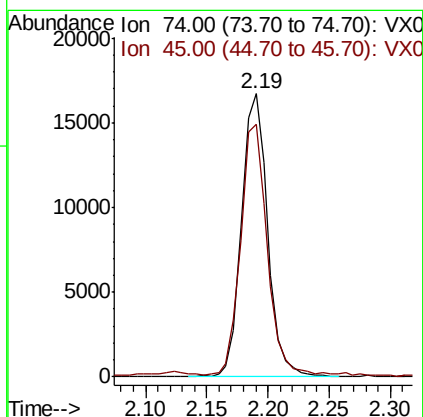
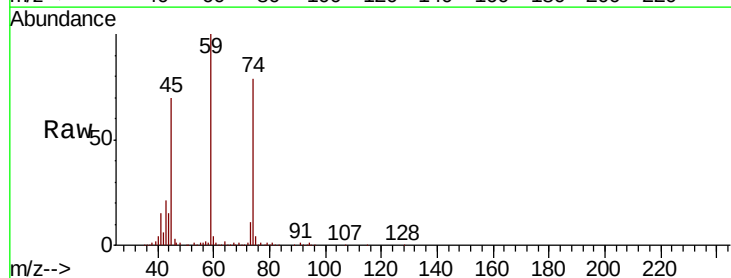
Tot Ion:101 Resp: 72922
Ion Ratio Lower Upper
101 100
103 66.4 52.2 78.4

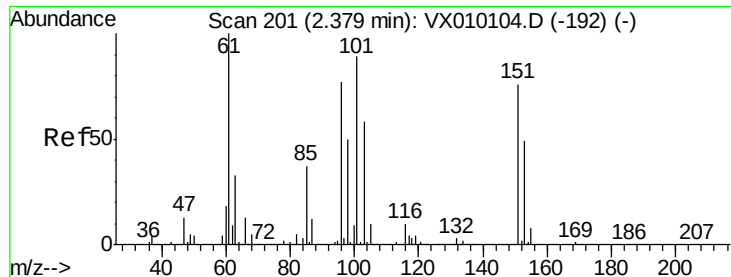


#8

Diethyl Ether
Concen: 22.205 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion: 74 Resp: 24802
Ion Ratio Lower Upper
74 100
45 88.7 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.568 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampled :

VX0610WBS03

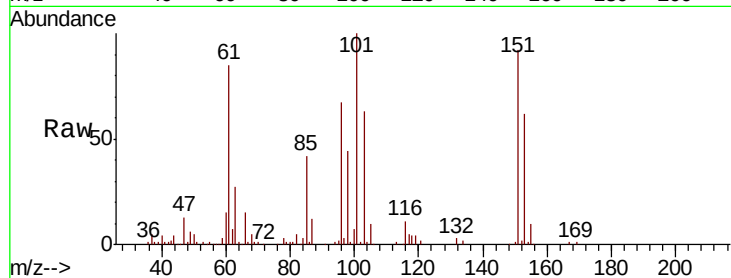
Tot Ion:101 Resp: 41478

Ion Ratio Lower Upper

101 100

85 42.3 35.2 52.8

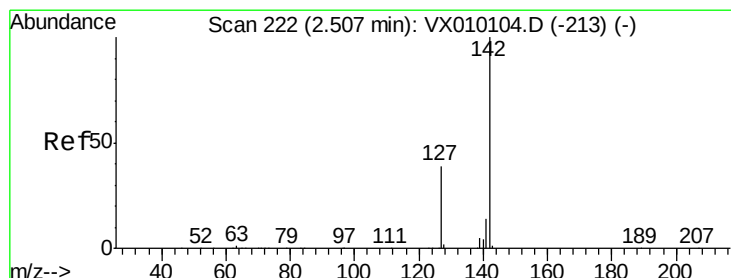
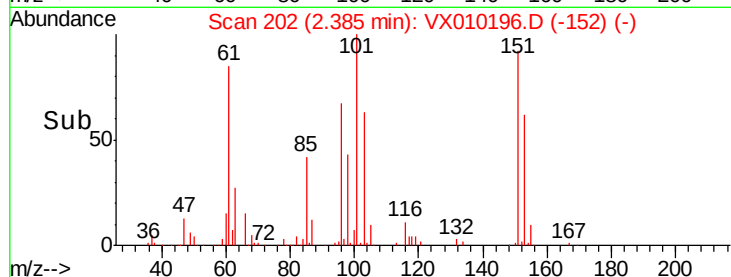
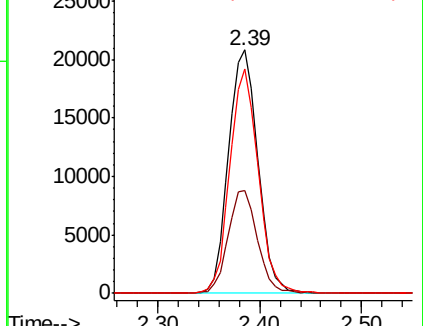
151 88.7 61.9 92.9



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: 18.844 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

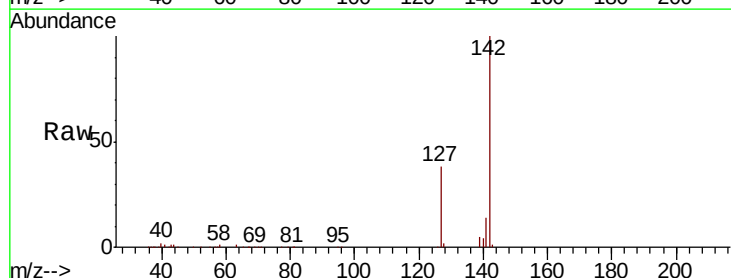
Tgt Ion:142 Resp: 65220

Ion Ratio Lower Upper

142 100

127 38.6 33.0 49.4

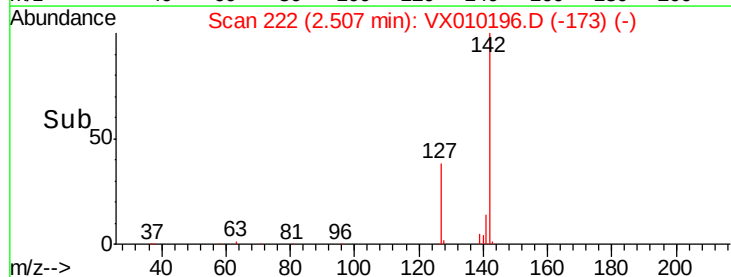
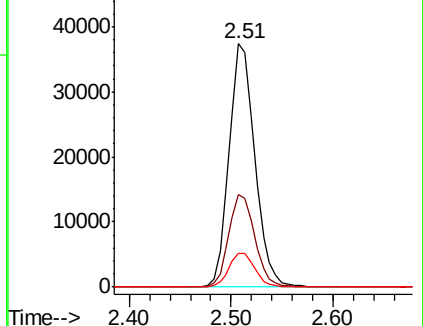
141 14.2 11.4 17.0

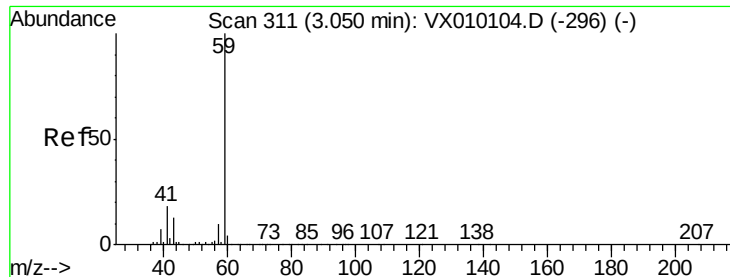


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.593 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

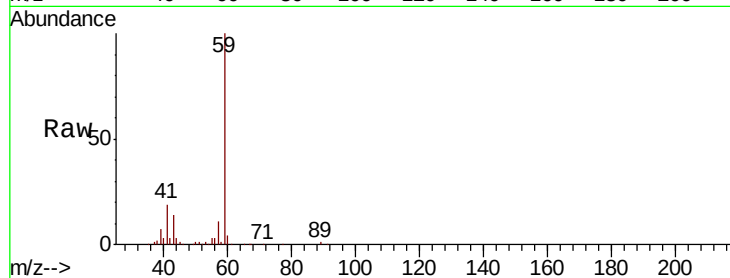
VX0610WBS03

Tot Ion: 59 Resp: 59886

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

25000

20000

15000

10000

5000

0

Time-->

2.90

3.00

3.10

3.20

3.30

3.40

3.50

3.60

3.70

3.80

3.90

4.00

4.10

4.20

4.30

4.40

4.50

4.60

4.70

4.80

4.90

5.00

5.10

5.20

5.30

5.40

5.50

5.60

5.70

5.80

5.90

6.00

6.10

6.20

6.30

6.40

6.50

6.60

6.70

6.80

6.90

7.00

7.10

7.20

7.30

7.40

7.50

7.60

7.70

7.80

7.90

8.00

8.10

8.20

8.30

8.40

8.50

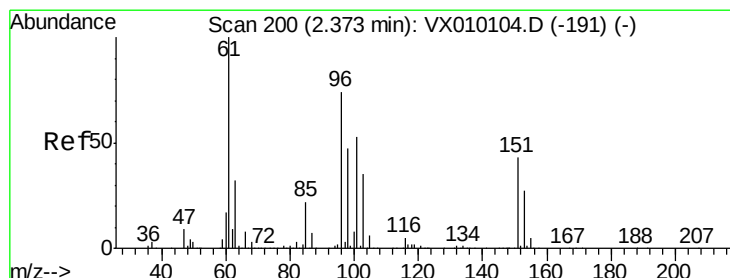
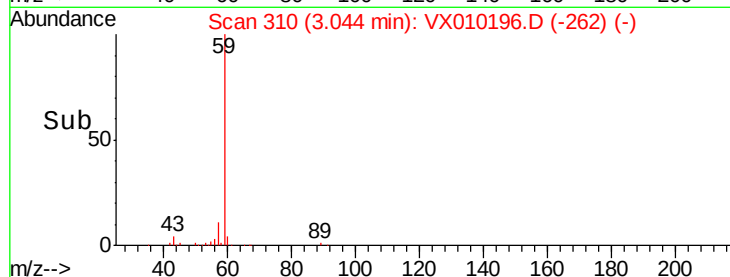
8.60

8.70

8.80

8.90

9.00



#12

1,1-Dichloroethene

Concen: 18.906 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

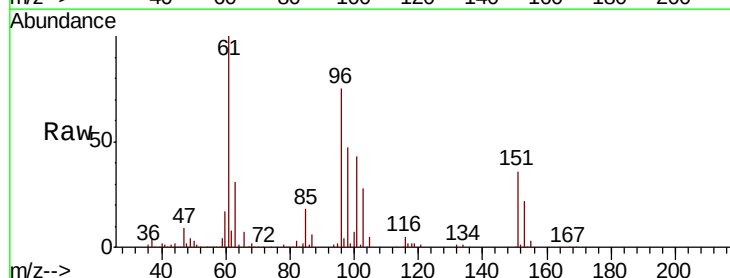
Tgt Ion: 96 Resp: 43136

Ion Ratio Lower Upper

96 100

61 132.6 140.7 211.1#

98 62.6 50.1 75.1



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

40000

30000

20000

10000

0

Time-->

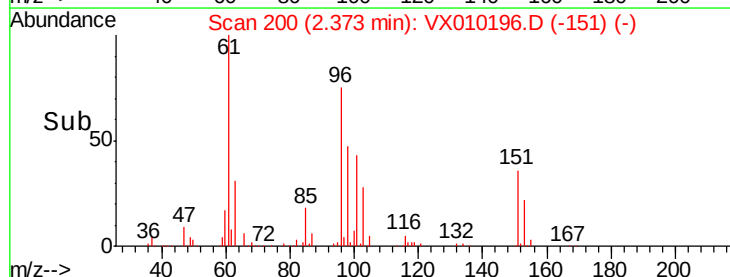
2.30

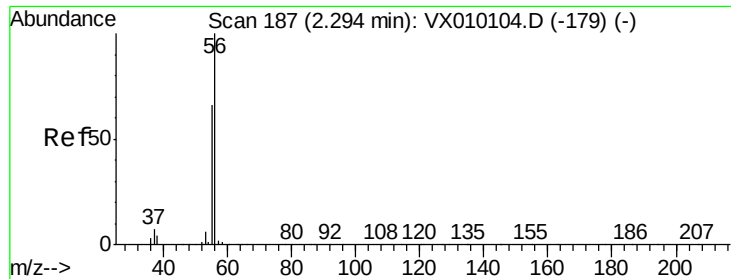
2.35

2.40

2.45

2.50





#13

Acrolein

Concen: 102.596 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

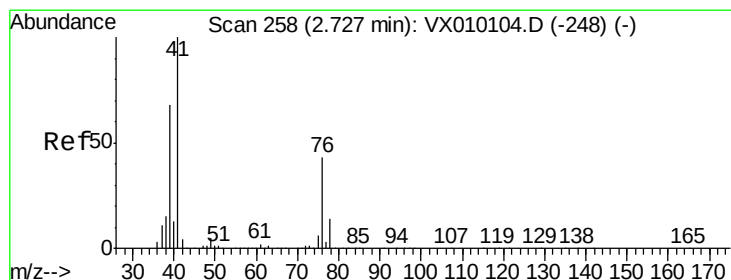
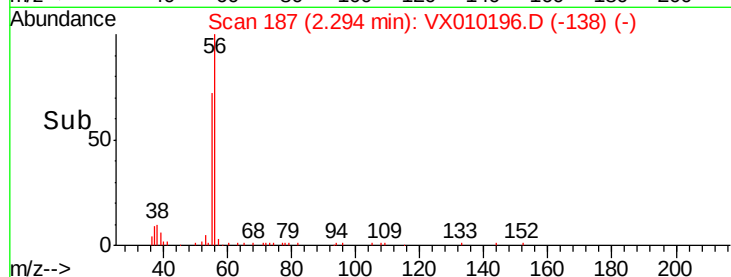
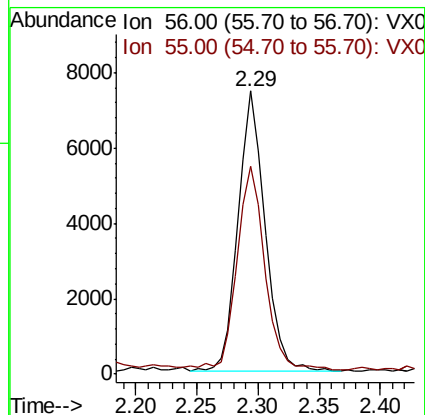
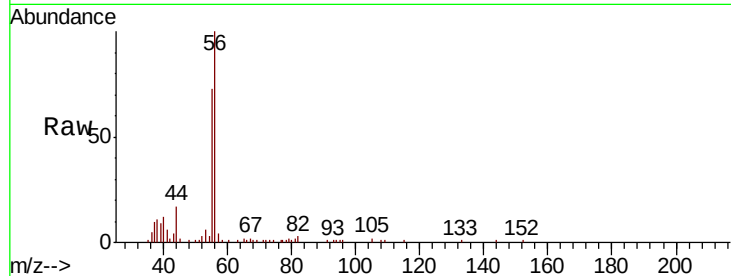
VX0610WBS03

Tot Ion: 56 Resp: 11363

Ion Ratio Lower Upper

56 100

55 75.0 57.0 85.4



#14

Allyl chloride

Concen: 17.682 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

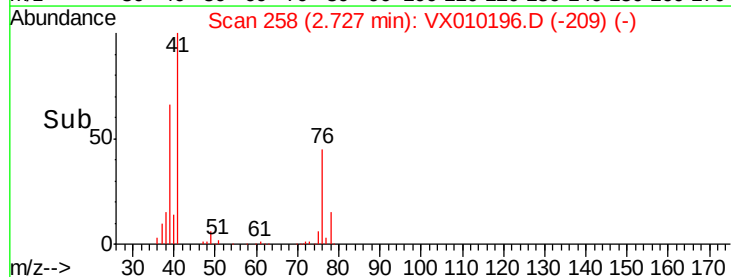
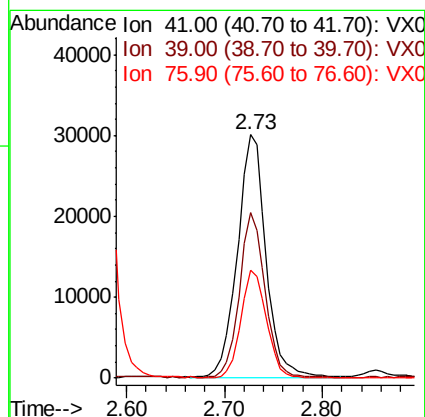
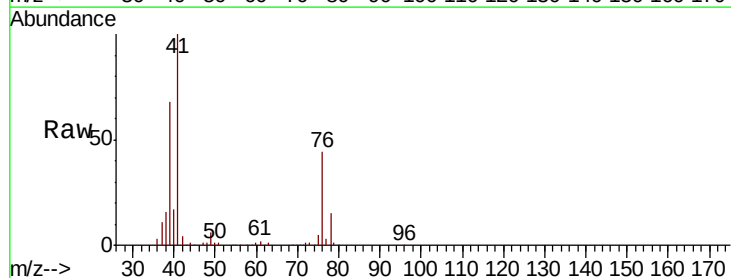
Tgt Ion: 41 Resp: 60897

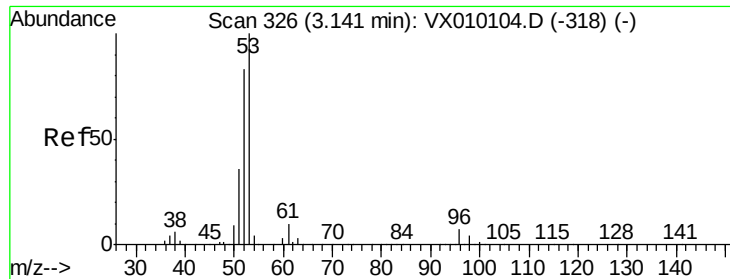
Ion Ratio Lower Upper

41 100

39 60.5 46.7 70.1

76 40.0 21.0 31.4#





#15

Acrylonitrile

Concen: 98.313 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

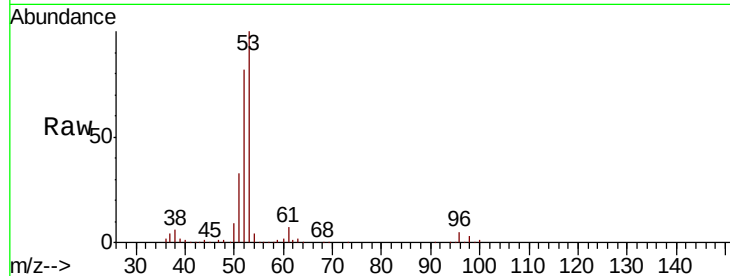
Tot Ion: 53 Resp: 122059

Ion Ratio Lower Upper

53 100

52 81.3 66.7 100.1

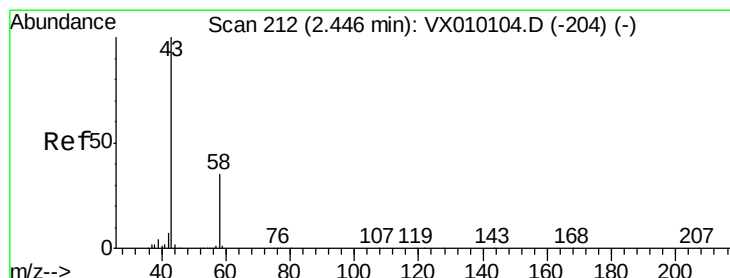
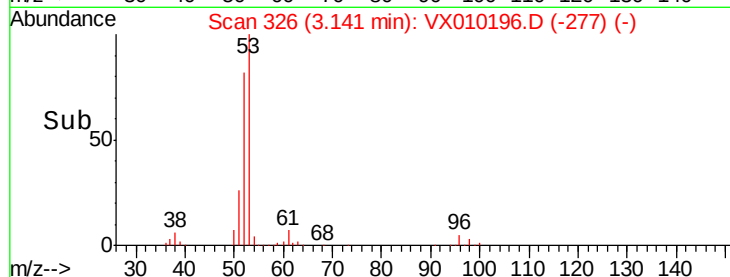
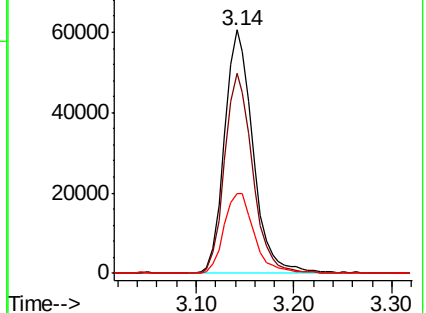
51 35.1 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 84.285 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010196.D

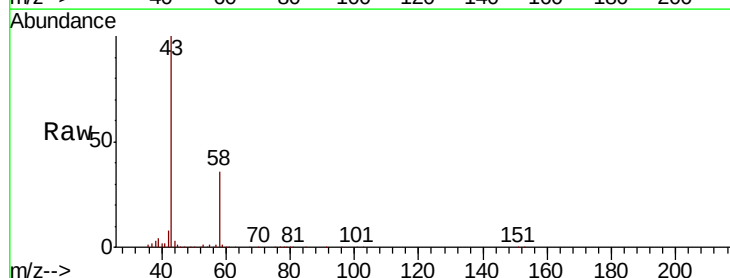
Acq: 10 Jun 2019 23:33

Tgt Ion: 43 Resp: 98294

Ion Ratio Lower Upper

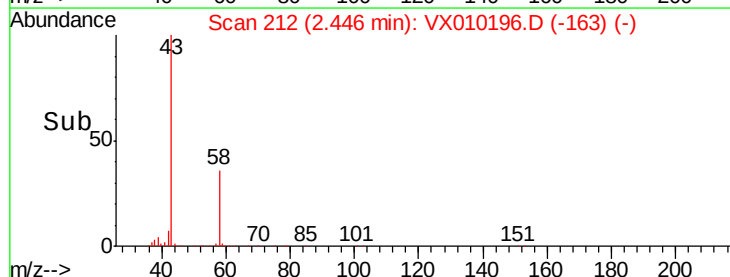
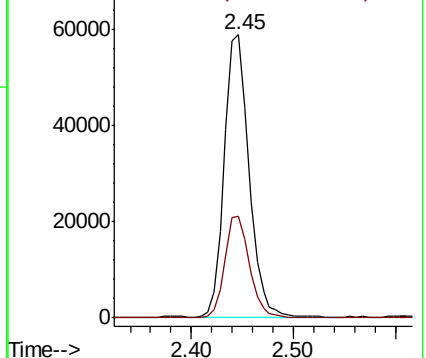
43 100

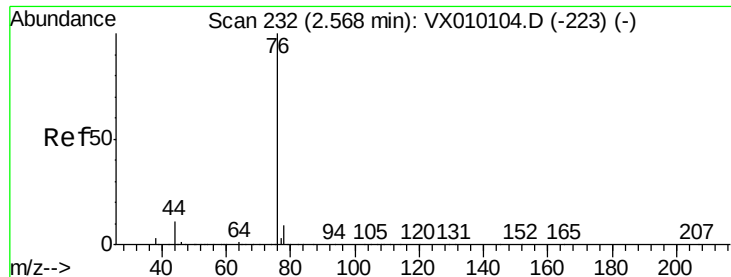
58 35.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

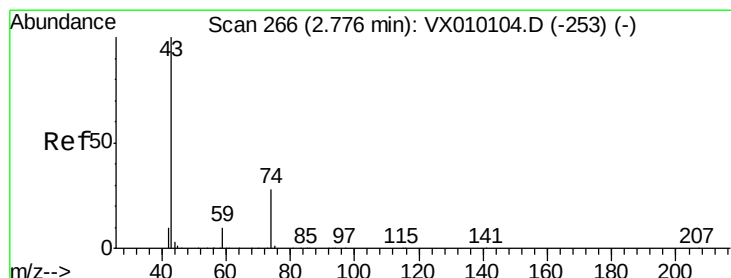
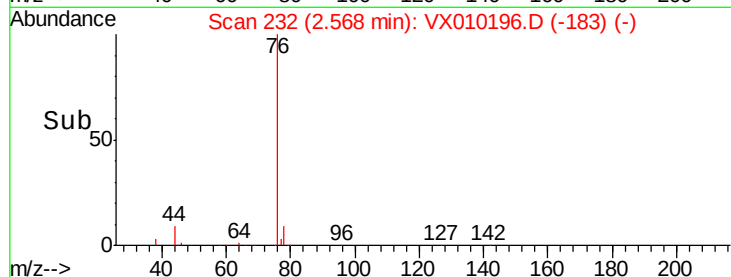
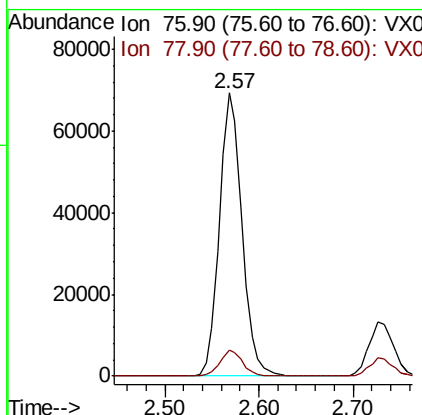
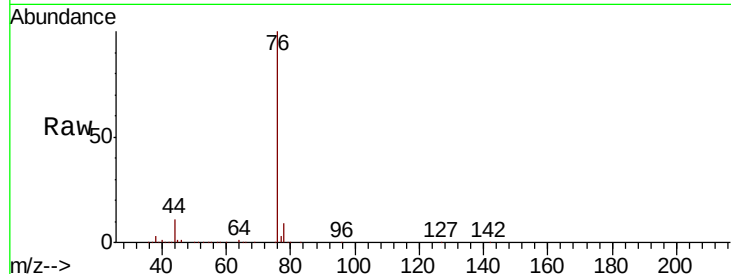




#17
Carbon Disulfide
Concen: 17.465 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

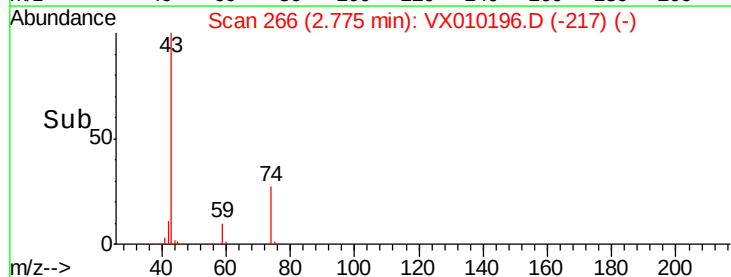
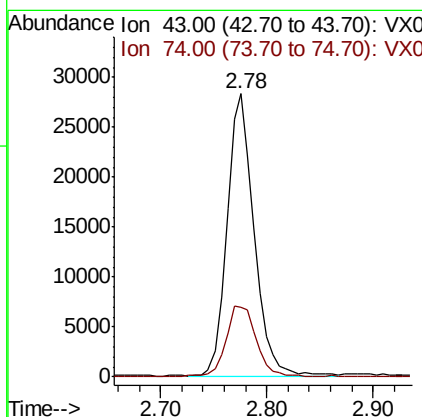
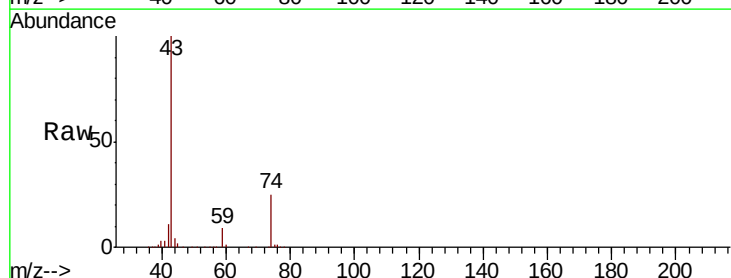
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

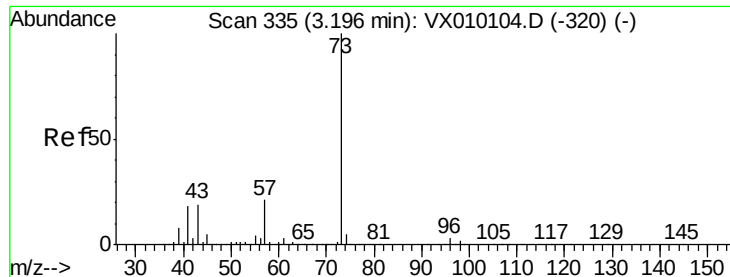
Tot Ion: 76 Resp: 115139
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 19.514 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion: 43 Resp: 50049
Ion Ratio Lower Upper
43 100
74 28.4 15.8 23.6#

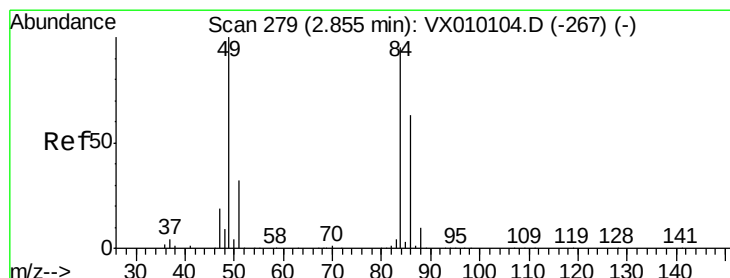
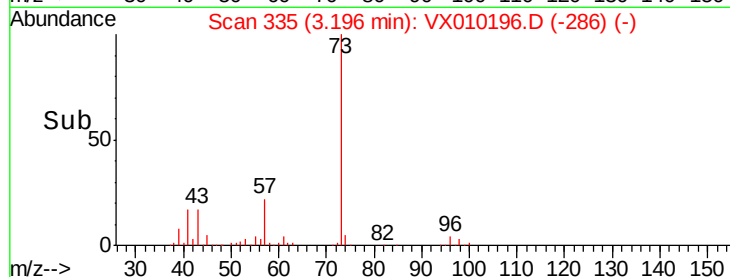
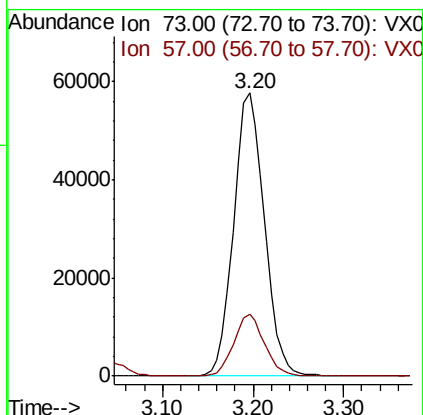
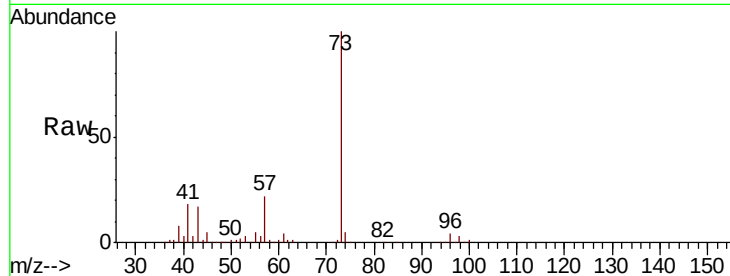




#19
Methvl tert-butyl Ether
Concen: 18.509 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

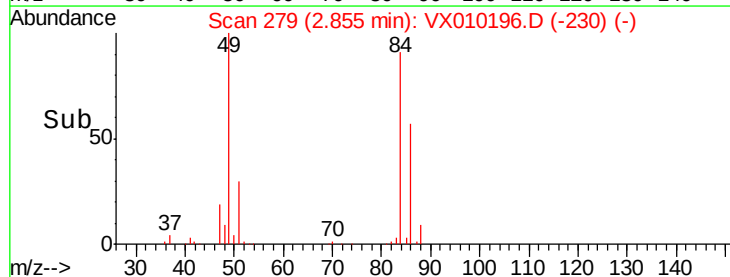
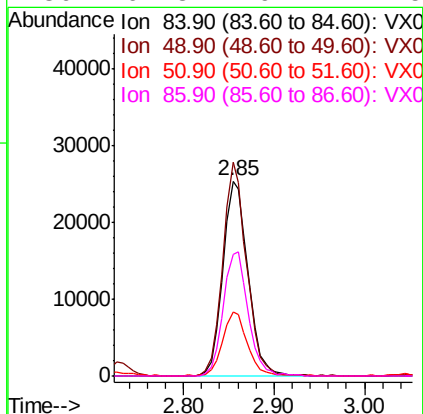
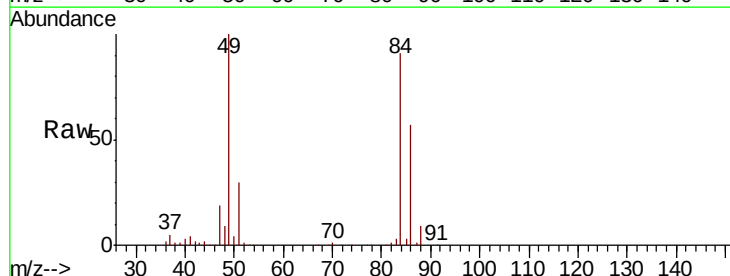
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

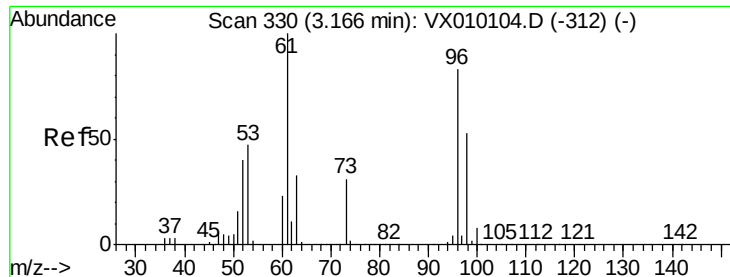
Tot Ion: 73 Resp: 135675
Ion Ratio Lower Upper
73 100
57 21.7 19.4 29.2



#20
Methylene Chloride
Concen: 19.069 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion: 84 Resp: 48840
Ion Ratio Lower Upper
84 100
49 109.5 115.8 173.6#
51 33.0 34.4 51.6#
86 62.3 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.711 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

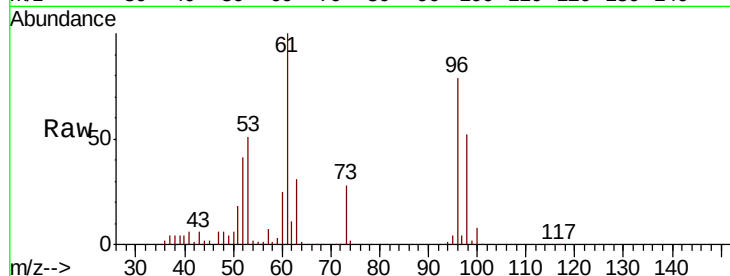
Tot Ion: 96 Resp: 44720

Ion Ratio Lower Upper

96 100

61 126.7 125.7 188.5

98 65.4 49.0 73.6

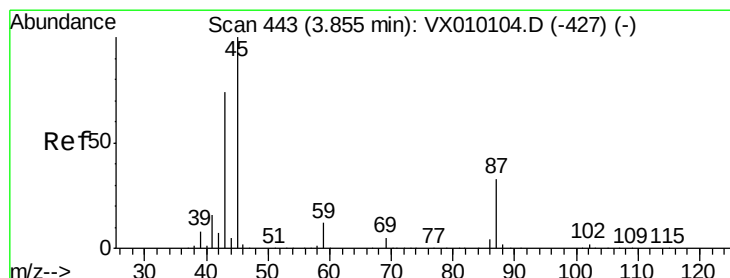
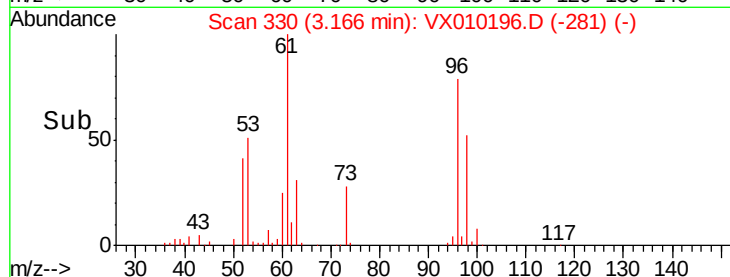
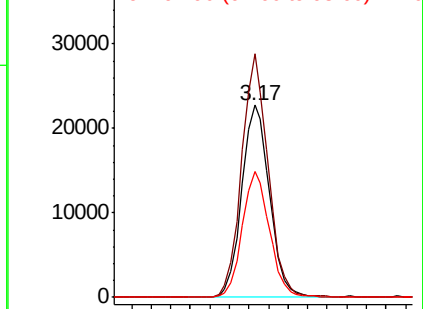


Abundance

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: 19.243 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Tgt Ion: 45 Resp: 126713

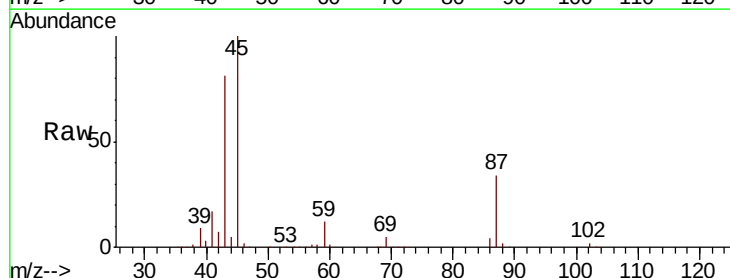
Ion Ratio Lower Upper

45 100

43 81.0 65.0 97.4

87 33.5 17.3 25.9#

59 12.5 8.1 12.1#



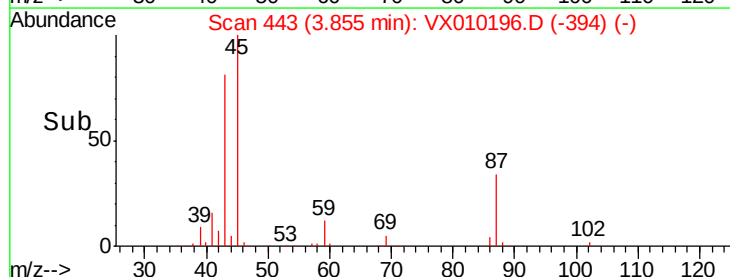
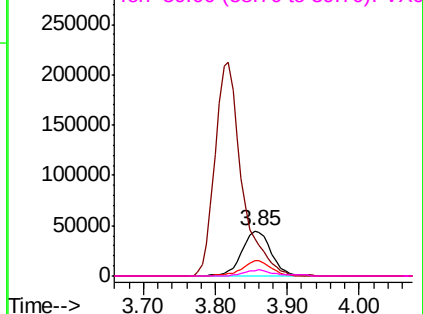
Abundance

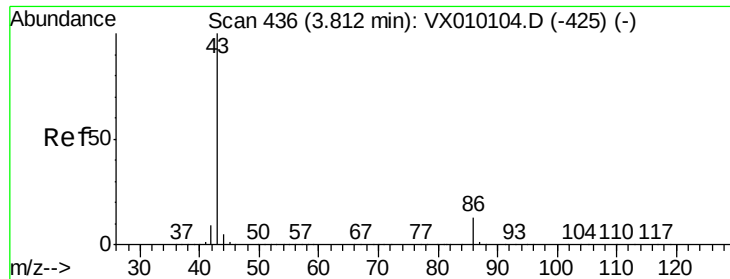
Ion 45.00 (44.70 to 45.70): VX0

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

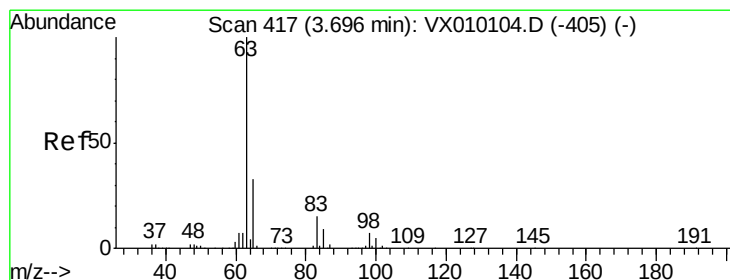
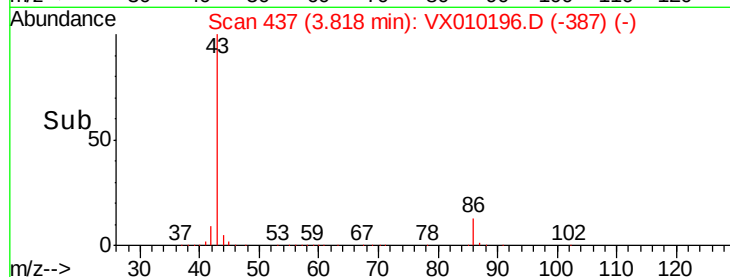
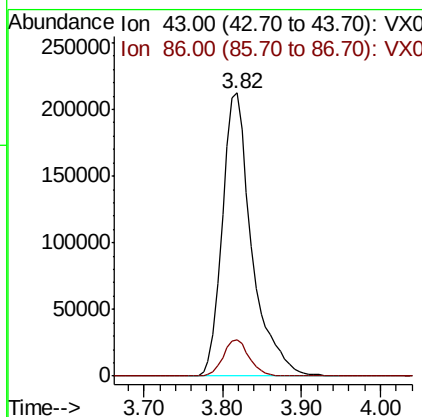
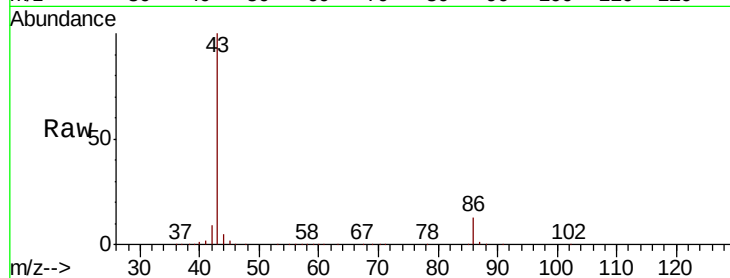




#23
 Vinyl Acetate
 Concen: 93.908 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

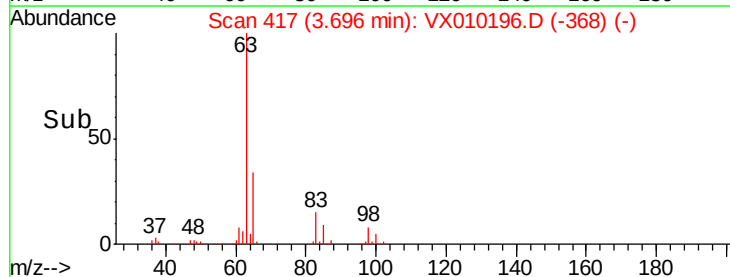
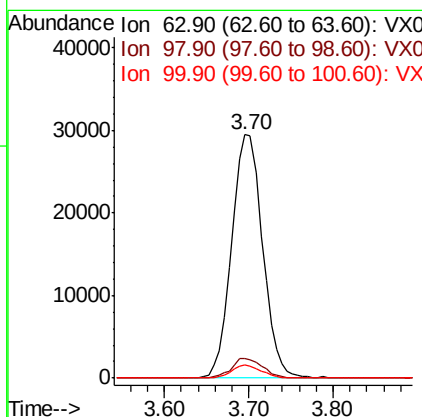
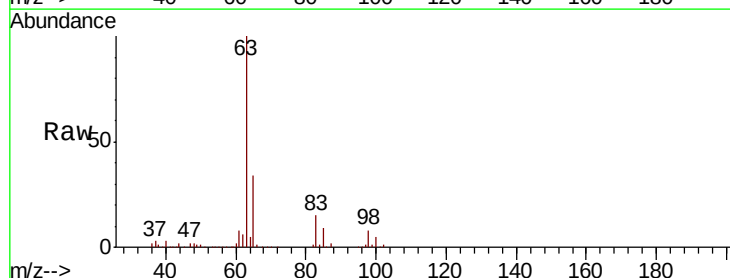
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS03

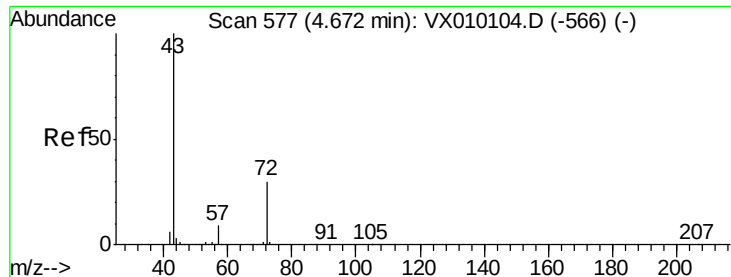
Tot Ion: 43 Resp: 551649
 Ion Ratio Lower Upper
 43 100
 86 12.7 6.5 9.7#



#24
 1,1-Dichloroethane
 Concen: 18.322 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

Tgt Ion: 63 Resp: 73253
 Ion Ratio Lower Upper
 63 100
 98 8.0 2.9 8.8
 100 5.5 1.8 5.4#





#25

2-Butanone

Concen: 96.358 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

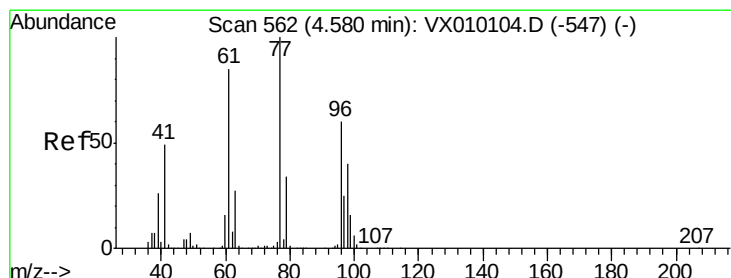
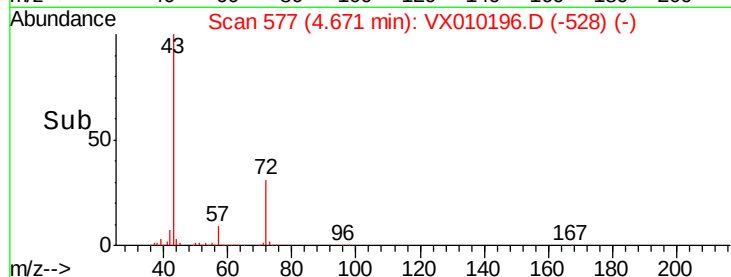
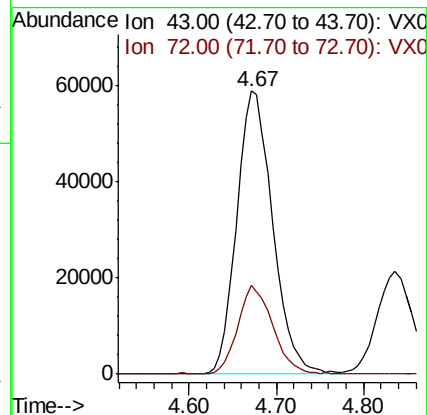
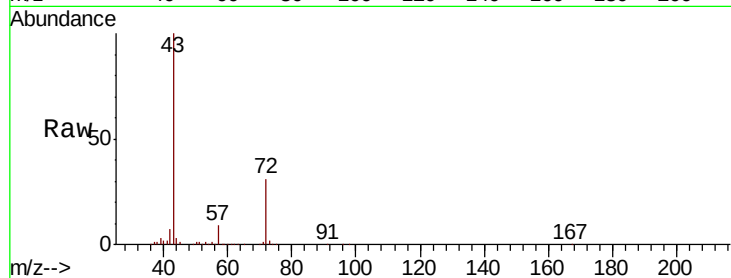
VX0610WBS03

Tot Ion: 43 Resp: 167335

Ion Ratio Lower Upper

43 100

72 31.1 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 13.657 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010196.D

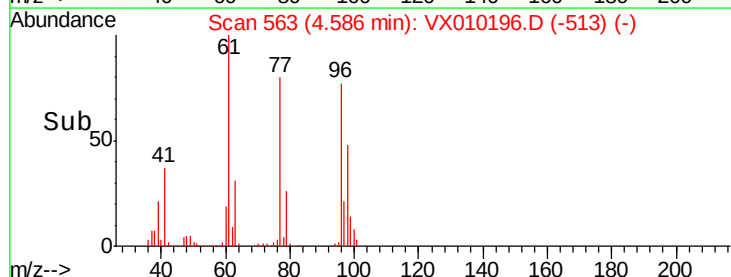
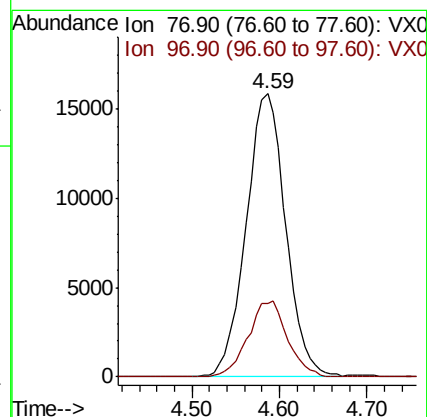
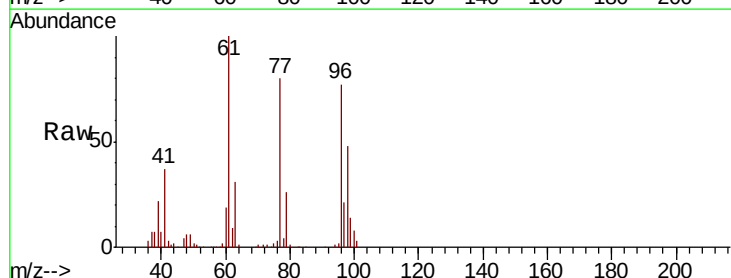
Acq: 10 Jun 2019 23:33

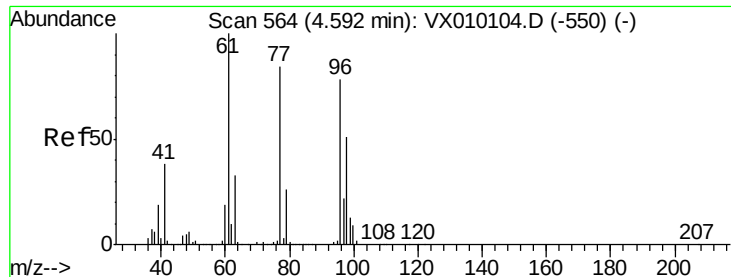
Tgt Ion: 77 Resp: 49810

Ion Ratio Lower Upper

77 100

97 26.5 11.4 34.2



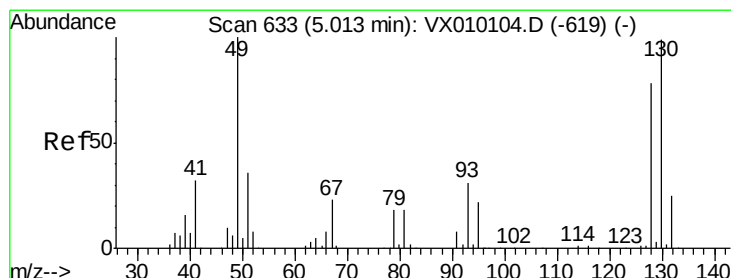
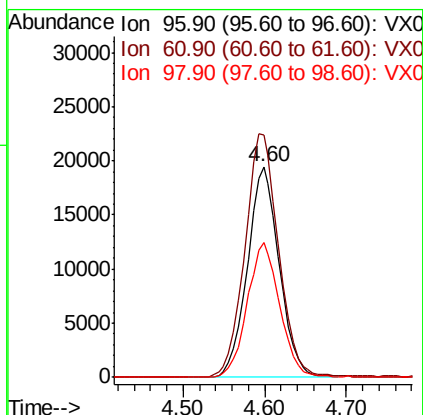
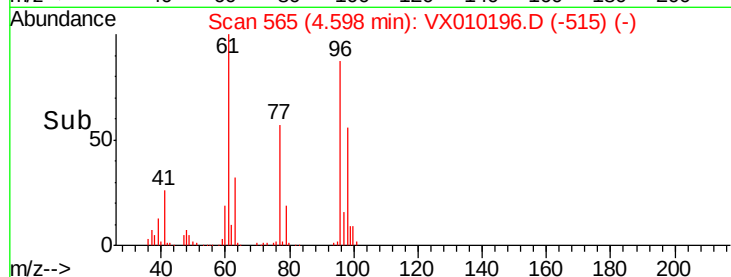
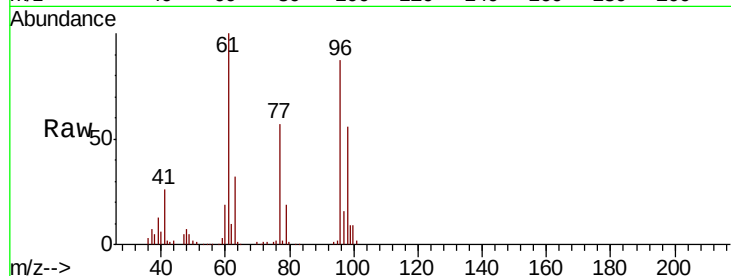


#27

cis-1,2-Dichloroethene
Concen: 18.854 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

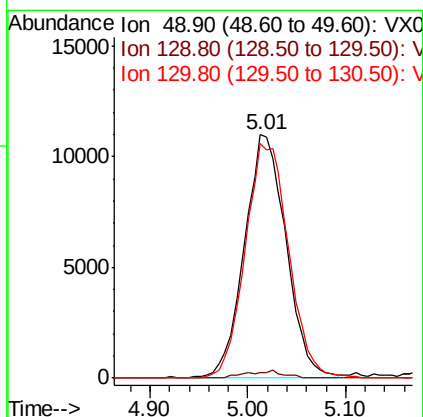
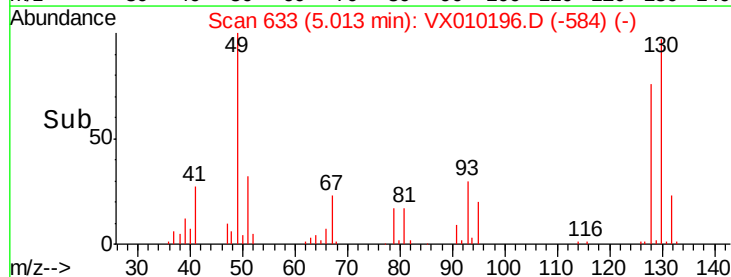
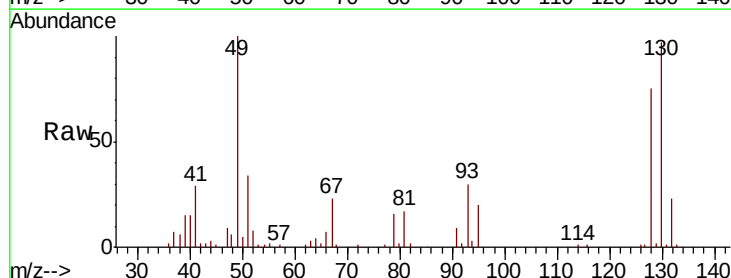
Tot Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	334.0
98	65.1	0.0	131.6

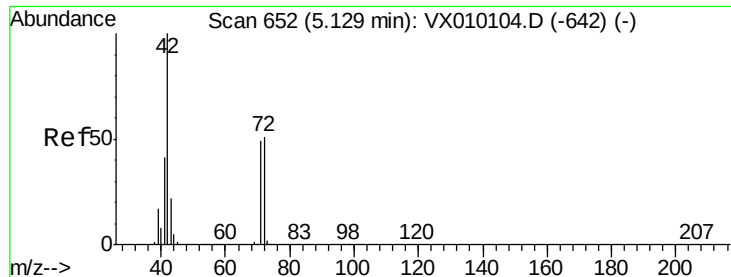


#28

Bromochloromethane
Concen: 18.167 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	3.4
130	100.1	49.4	74.2#





#29

Tetrahydrofuran

Concen: 98.285 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

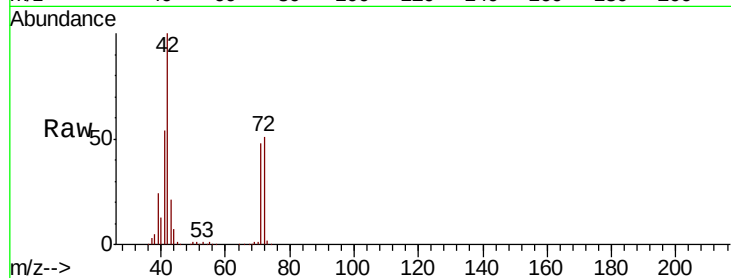
Tot Ion: 42 Resp: 107265

Ion Ratio Lower Upper

42 100

72 52.2 29.2 43.8#

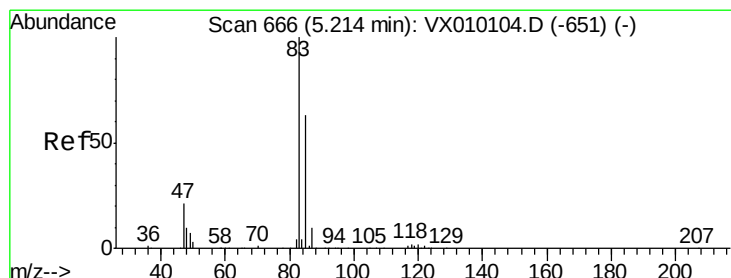
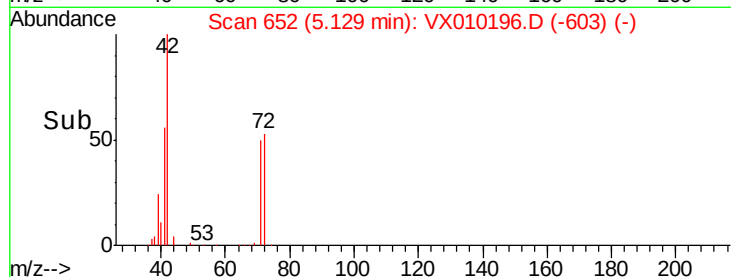
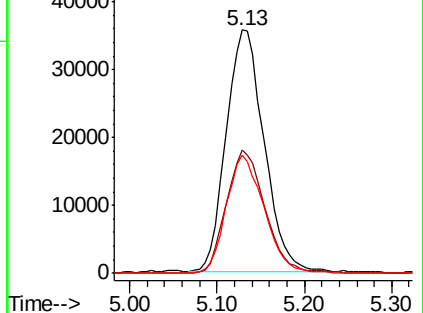
71 49.0 27.6 41.4#



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: 18.687 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010196.D

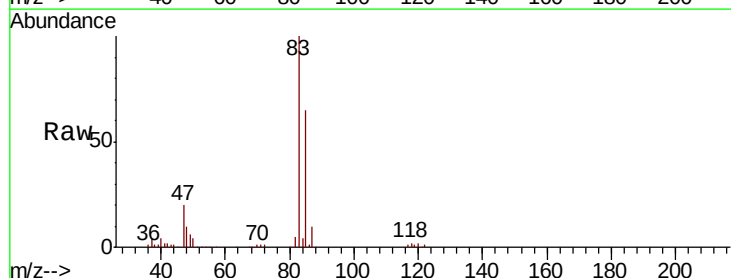
Acq: 10 Jun 2019 23:33

Tgt Ion: 83 Resp: 77591

Ion Ratio Lower Upper

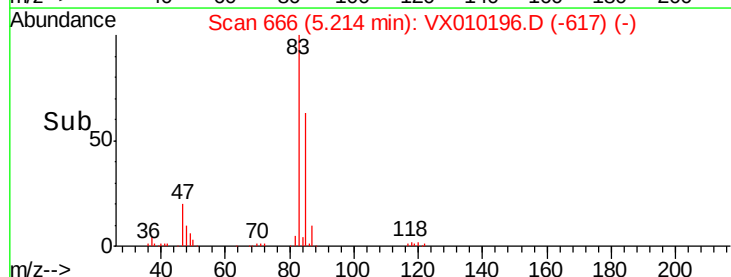
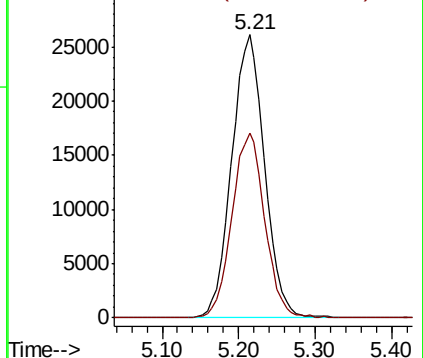
83 100

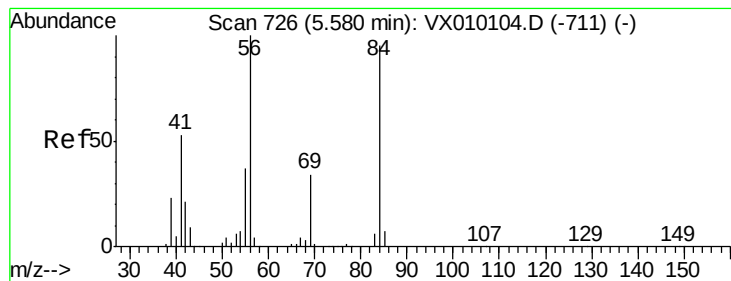
85 65.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.886 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

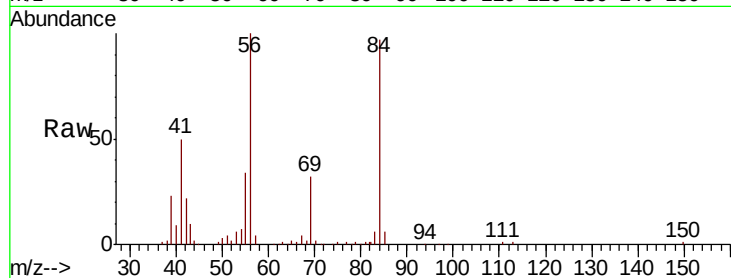
Tot Ion: 56 Resp: 68144

Ion Ratio Lower Upper

56 100

69 32.0 21.6 32.4

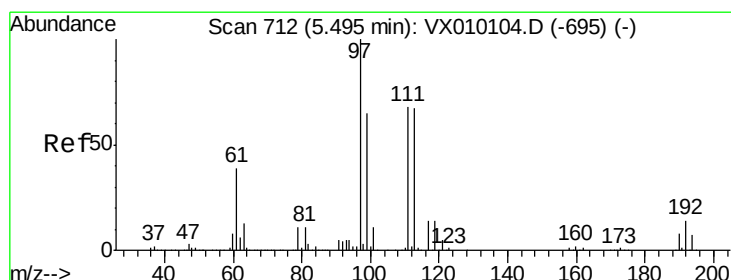
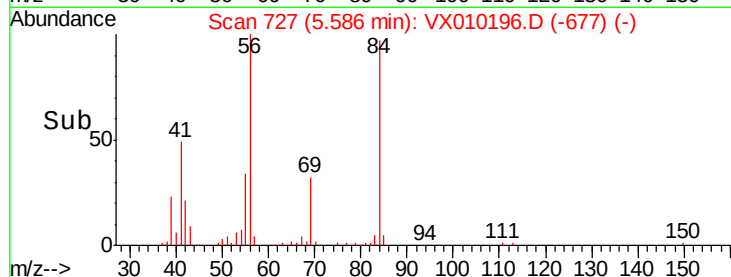
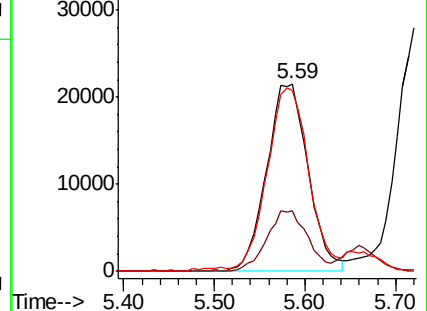
84 95.5 56.8 85.2#



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: 17.958 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

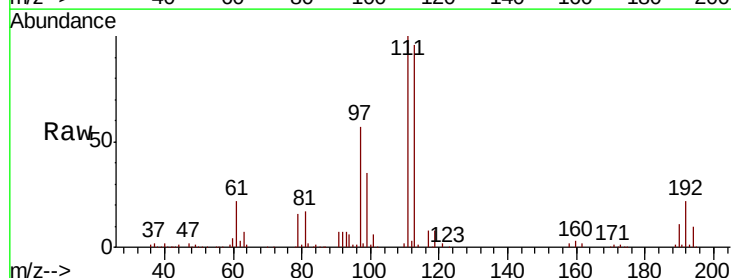
Tgt Ion: 97 Resp: 70096

Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

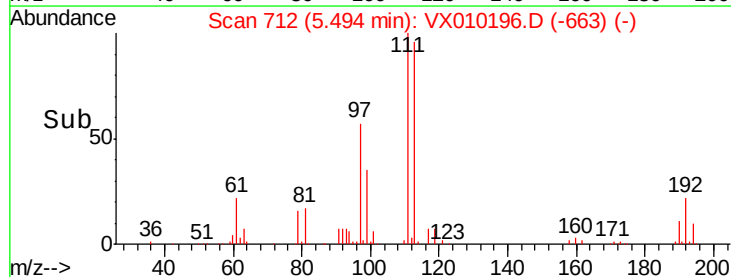
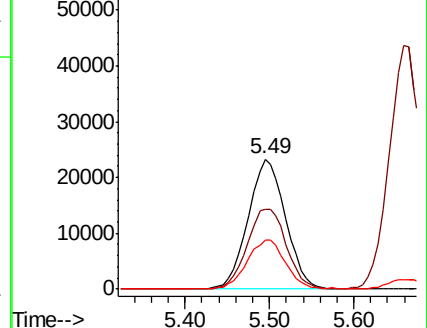
61 38.2 38.7 58.1#

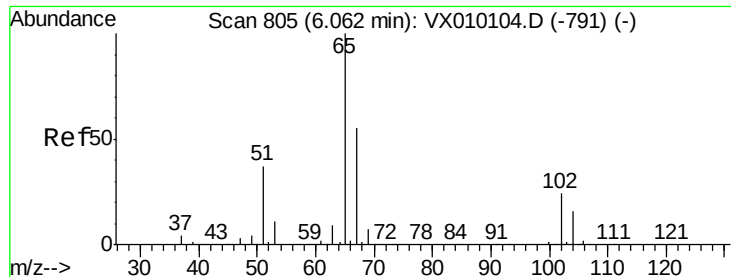


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

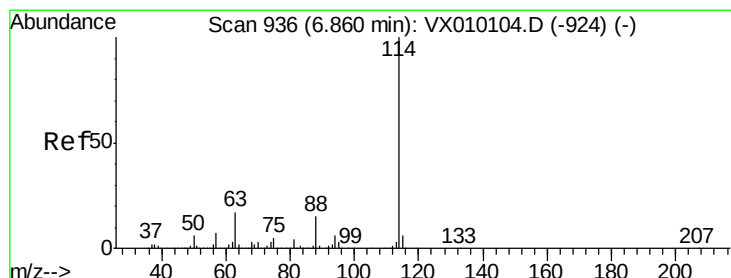
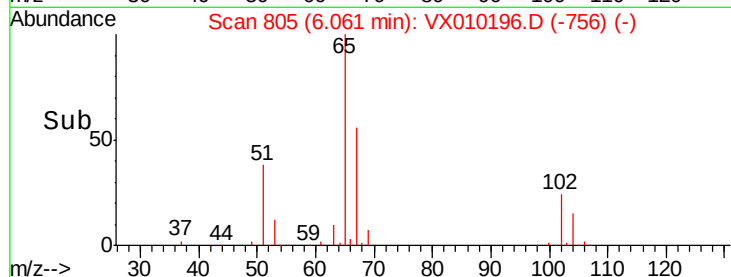
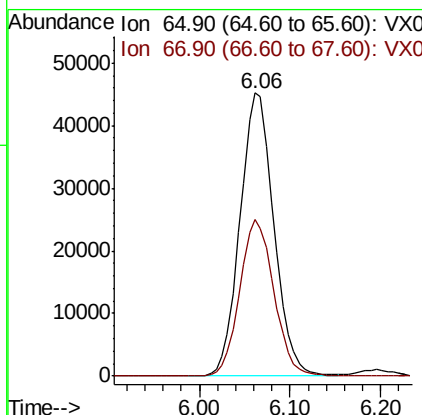
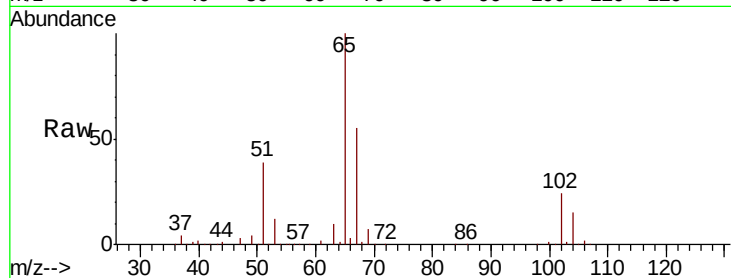




#33
 1,2-Dichloroethane-d4
 Concen: 47.229 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

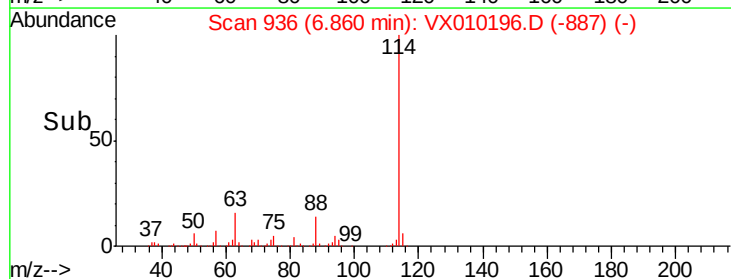
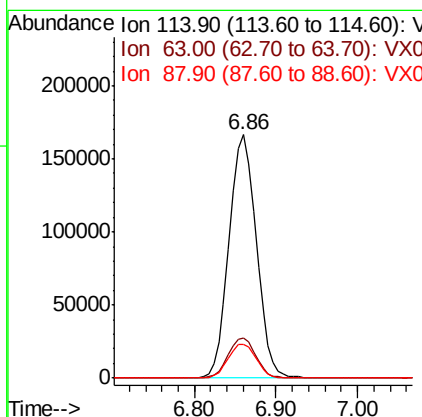
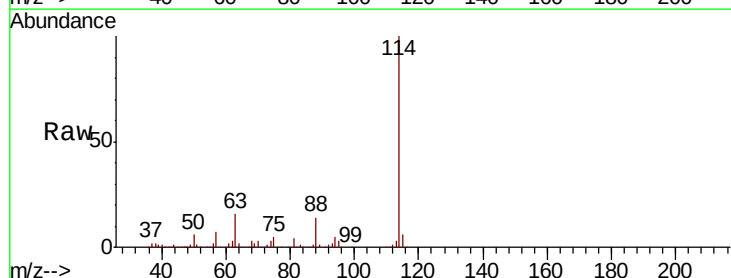
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS03

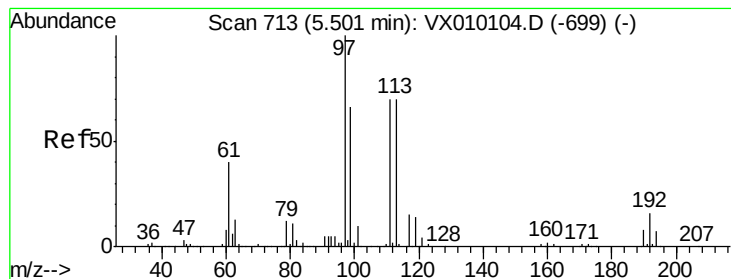
Tot Ion: 65 Resp: 117105
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

Tgt Ion: 114 Resp: 385875
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 47.4
 88 14.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.537 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

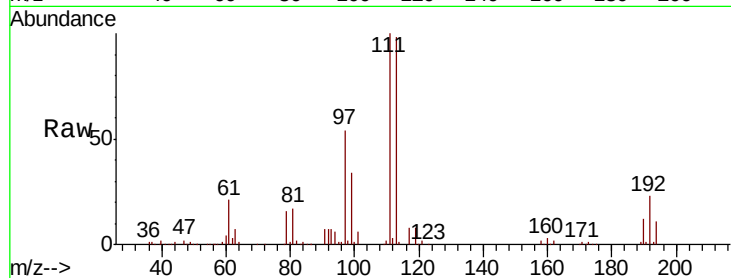
Tot Ion:113 Resp: 115527

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

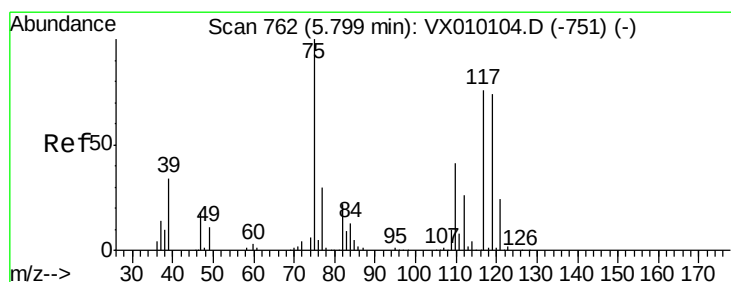
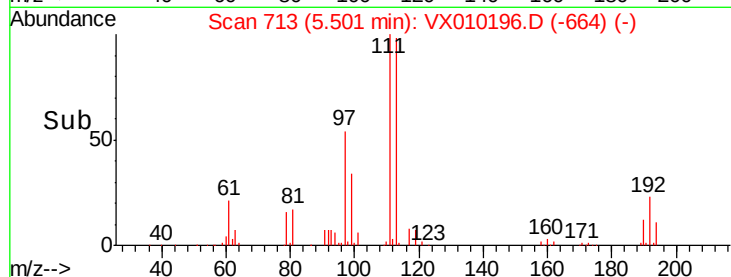
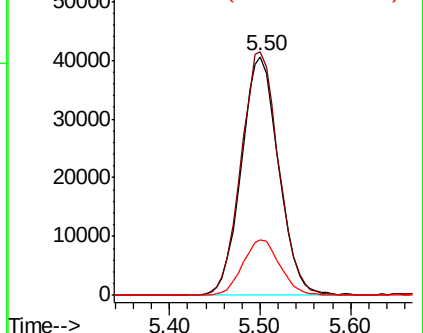
192 23.3 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.073 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

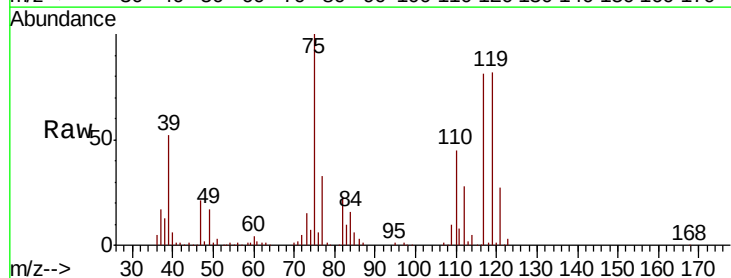
Tgt Ion: 75 Resp: 56897

Ion Ratio Lower Upper

75 100

110 42.2 16.7 50.1

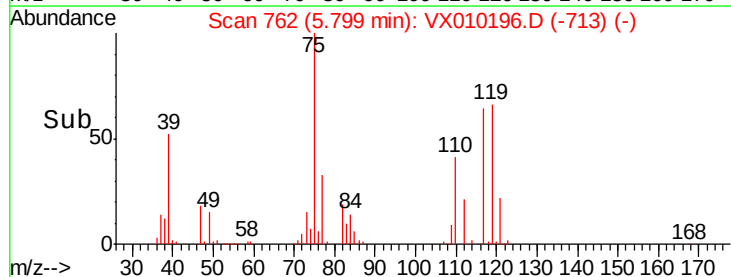
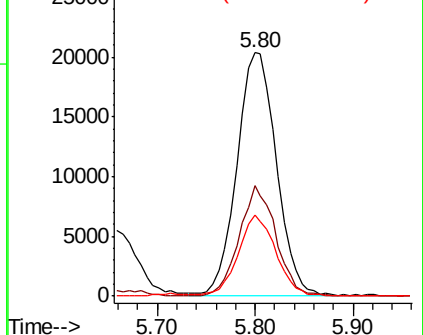
77 31.9 25.0 37.4

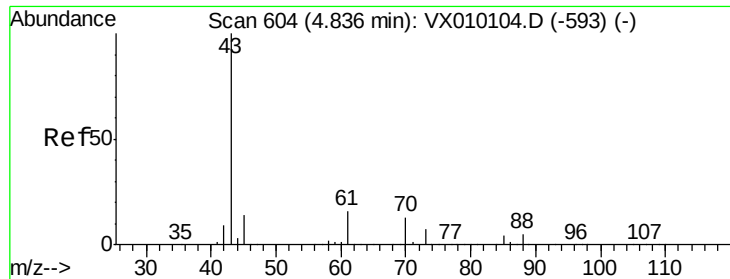


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

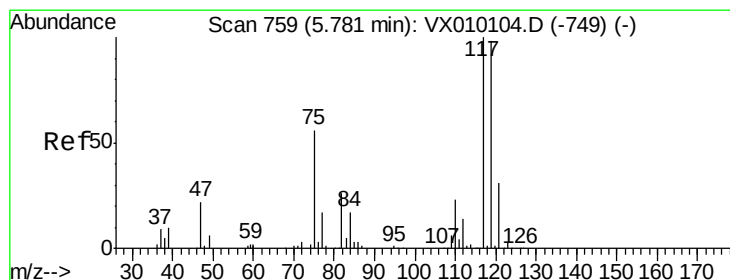
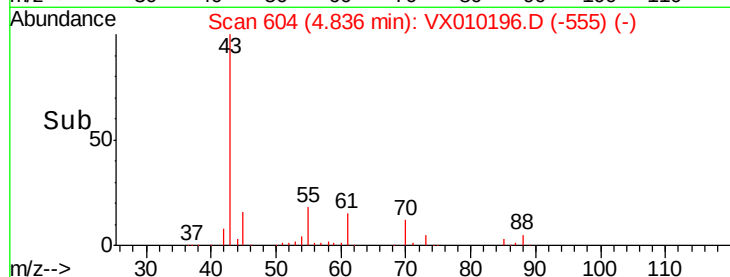
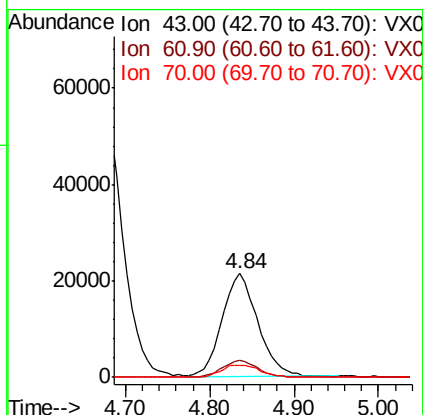
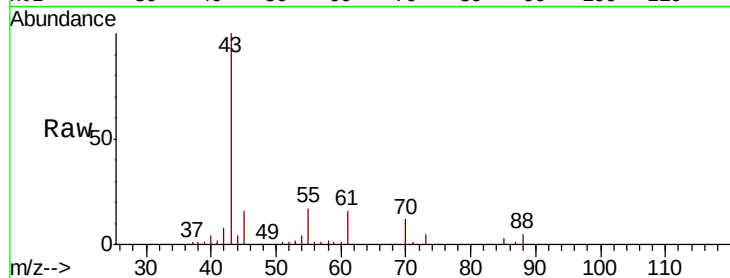




#37
Ethyl Acetate
Concen: 18.870 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

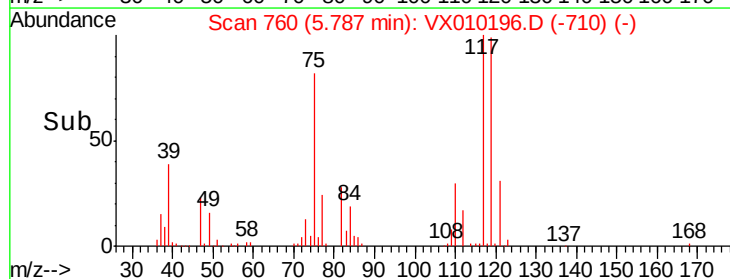
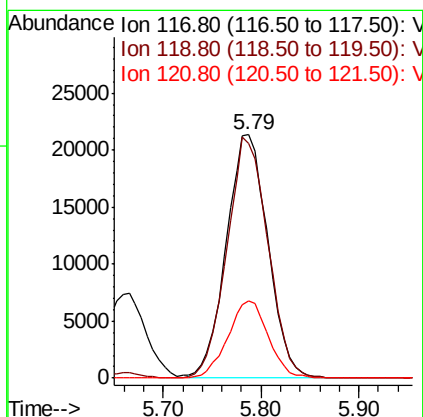
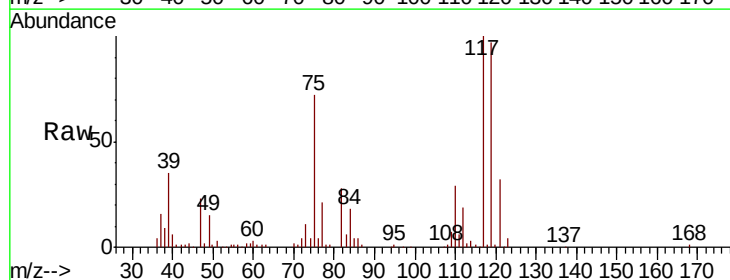
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

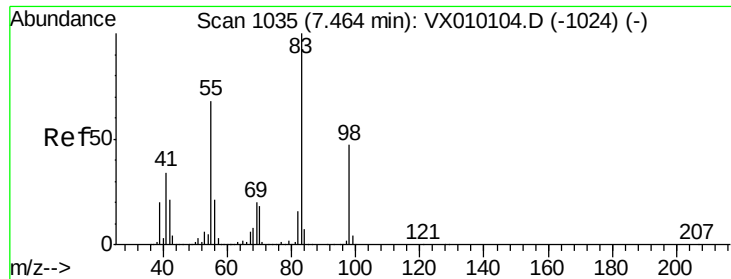
Tot Ion: 43 Resp: 61810
Ion Ratio Lower Upper
43 100
61 16.1 10.2 15.2#
70 12.8 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 17.698 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion: 117 Resp: 63064
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9
121 31.5 25.4 38.0

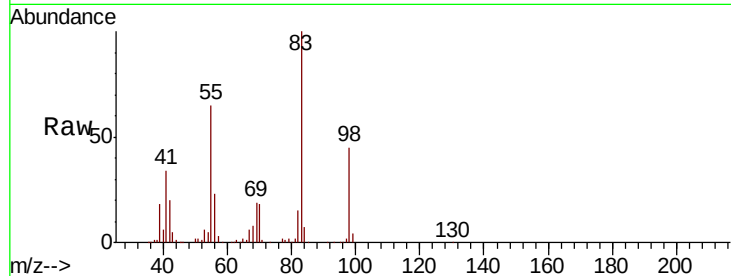




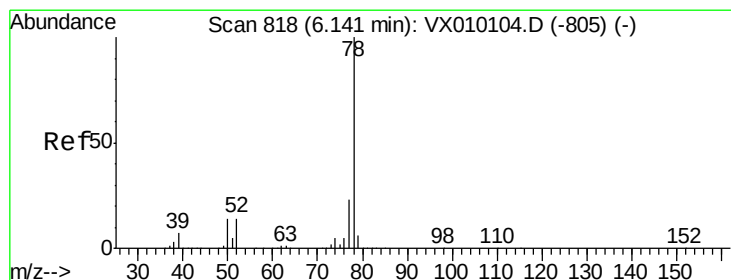
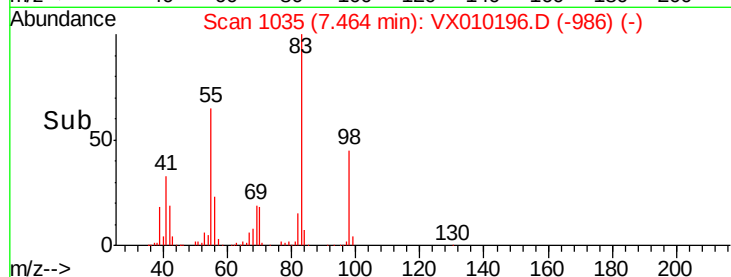
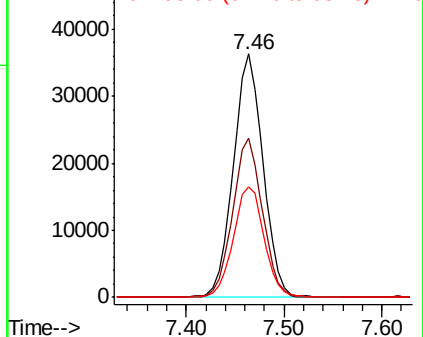
#39
Methylvlcyclohexane
Concen: 17.858 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

Tot Ion: 83 Resp: 76554
Ion Ratio Lower Upper
83 100
55 65.2 69.9 104.9#
98 45.5 35.1 52.7

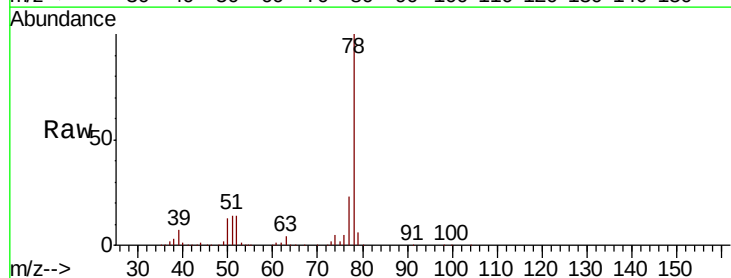


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

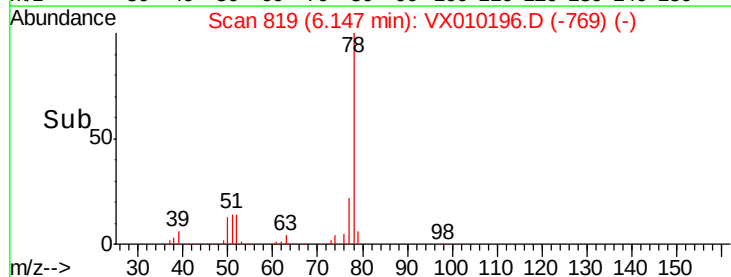
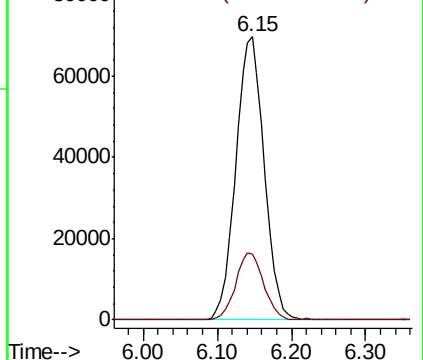


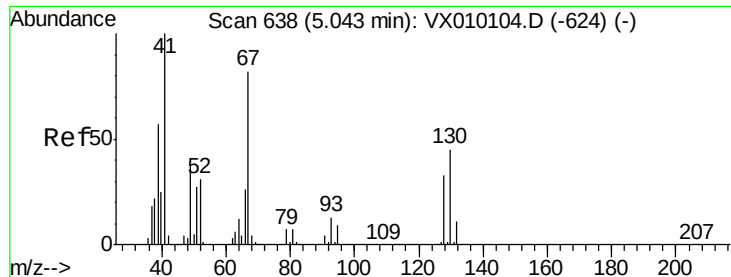
#40
Benzene
Concen: 19.124 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion: 78 Resp: 186166
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



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





#41

Methacrylonitrile

Concen: 18.661 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

Tot Ion: 41 Resp: 33065

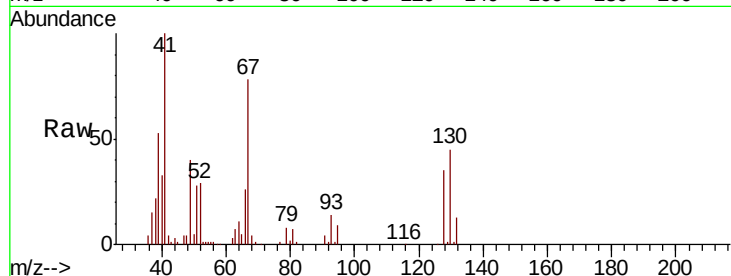
Ion Ratio Lower Upper

41 100

39 53.5 42.2 63.4

67 86.0 48.9 73.3#

52 32.4 20.1 30.1#

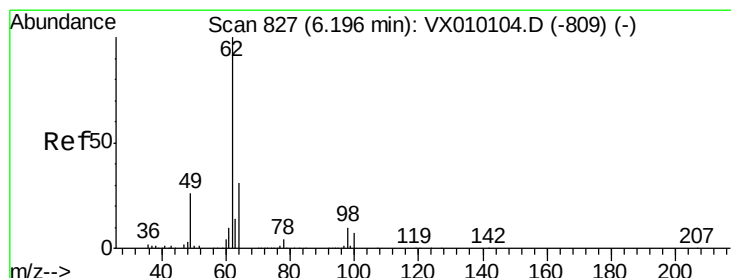
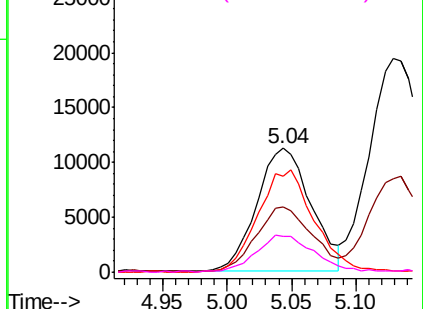
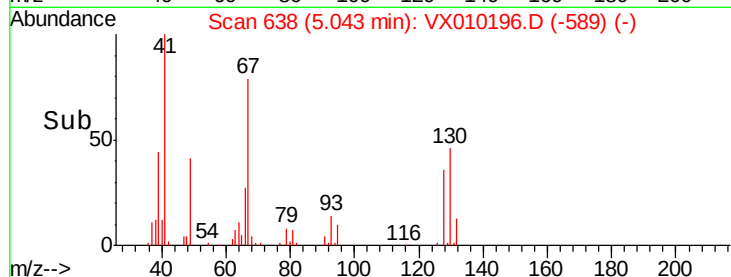


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.285 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX010196.D

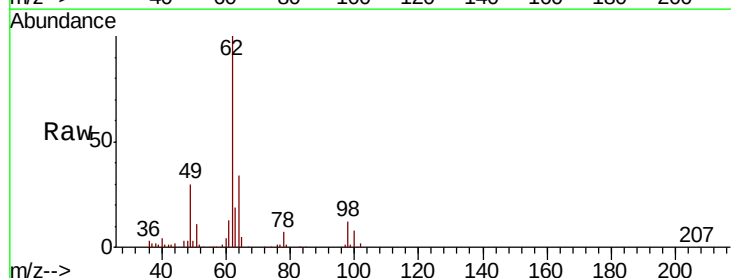
Acq: 10 Jun 2019 23:33

Tgt Ion: 62 Resp: 56827

Ion Ratio Lower Upper

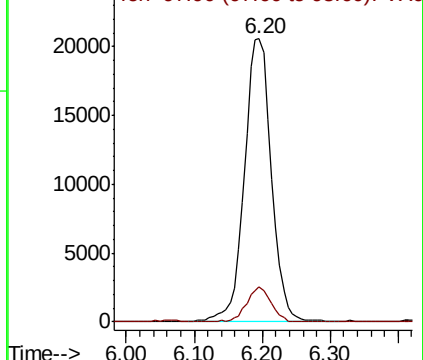
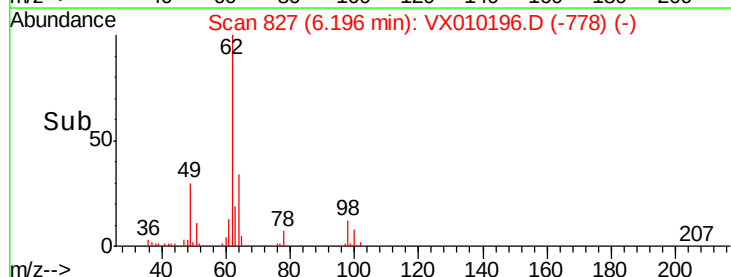
62 100

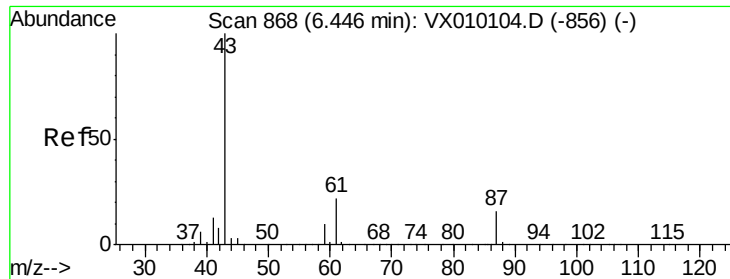
98 11.2 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.534 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

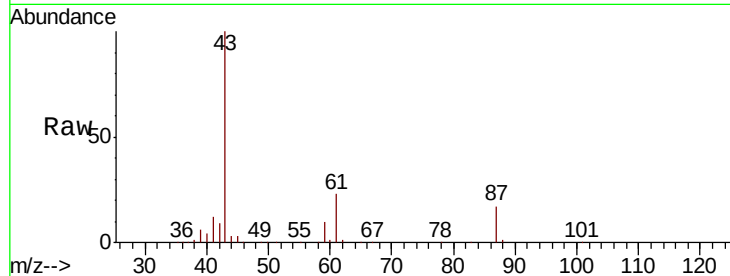
Tot Ion: 43 Resp: 101507

Ion Ratio Lower Upper

43 100

61 22.7 14.6 21.8#

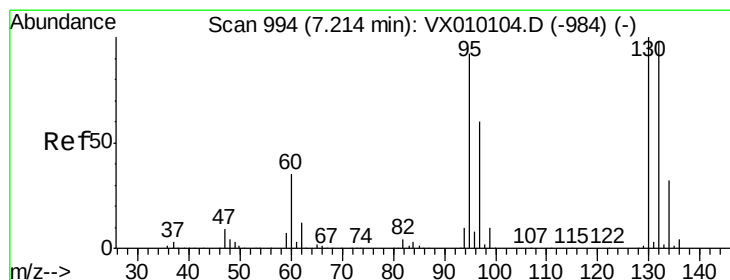
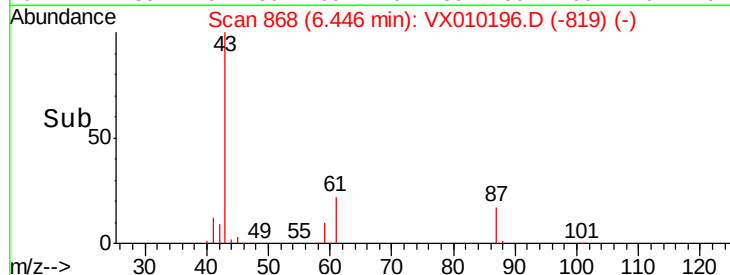
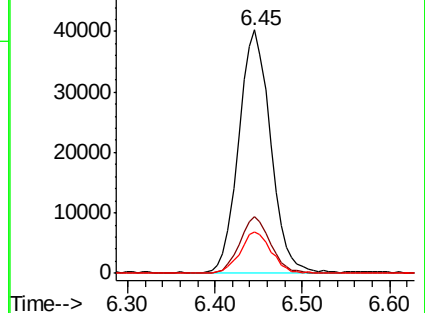
87 16.7 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.554 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010196.D

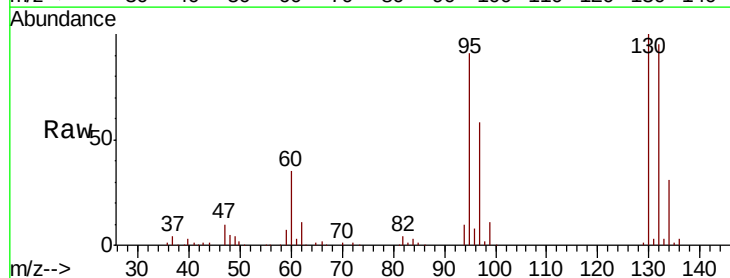
Acq: 10 Jun 2019 23:33

Tgt Ion: 130 Resp: 54443

Ion Ratio Lower Upper

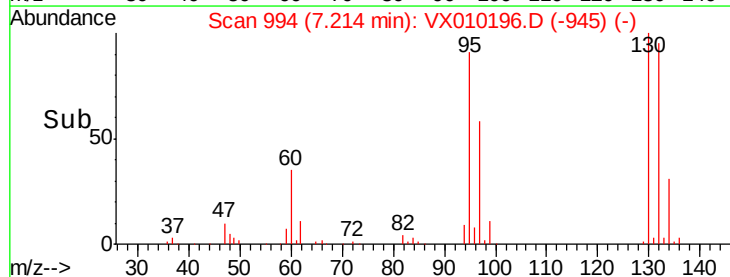
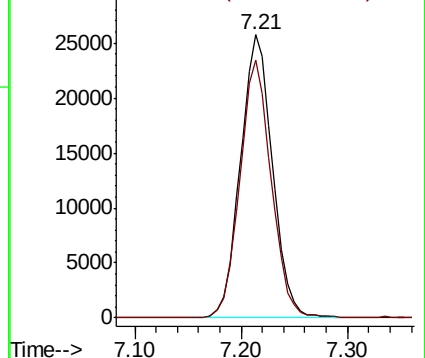
130 100

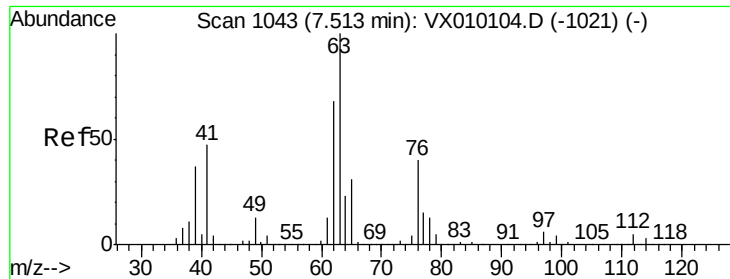
95 91.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

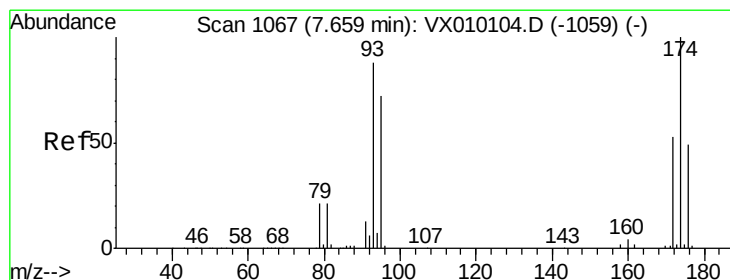
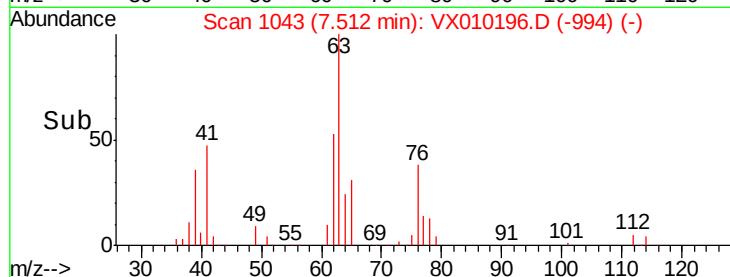
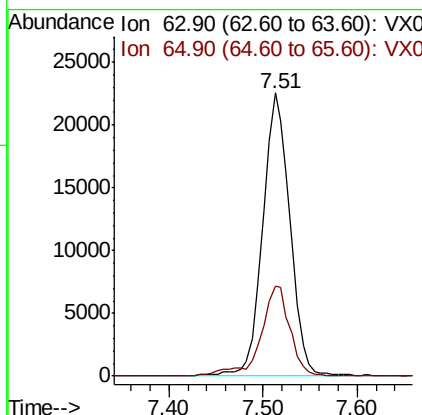
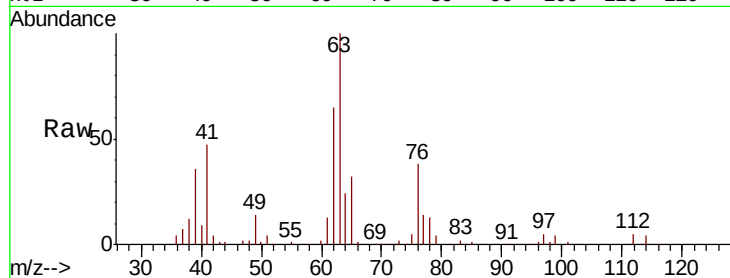




#45
 1,2-Dichloropropane
 Concen: 18.817 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

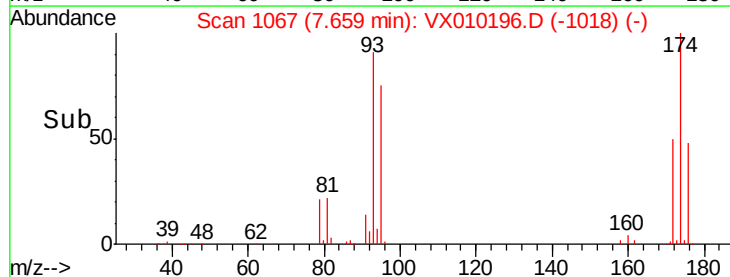
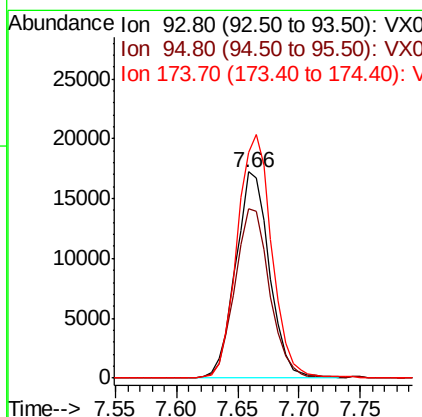
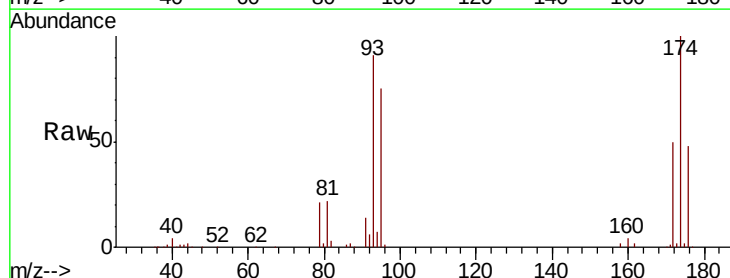
Instrument :
 MSVOA_X
 ClientSampled :
 VX0610WBS03

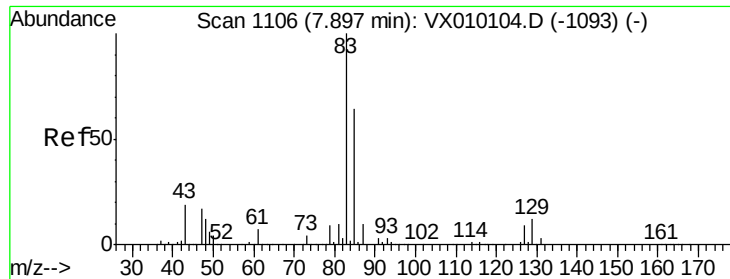
Tot Ion: 63 Resp: 45847
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.7 38.5



#46
 Dibromomethane
 Concen: 18.151 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

Tgt Ion: 93 Resp: 33132
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.8 100.2
 174 121.3 81.9 122.9





#47

Bromodichloromethane

Concen: 17.996 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

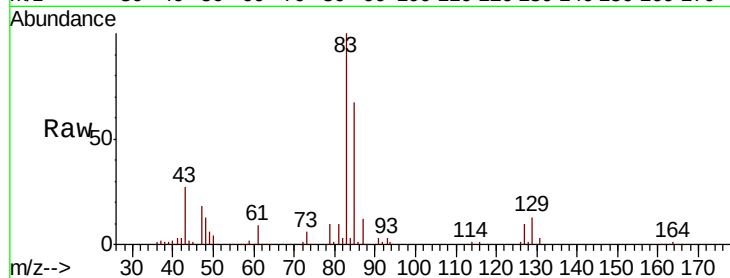
Tot Ion: 83 Resp: 61383

Ion Ratio Lower Upper

83 100

85 67.5 51.4 77.2

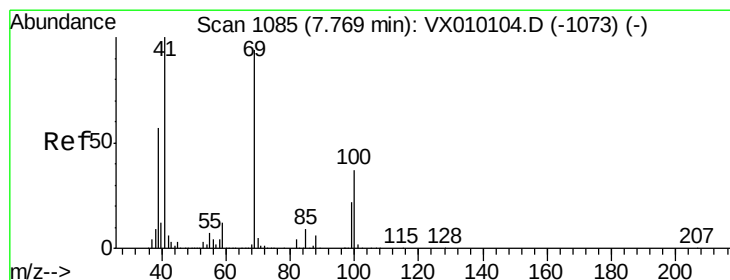
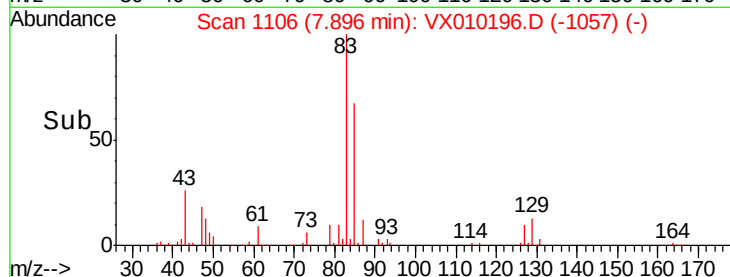
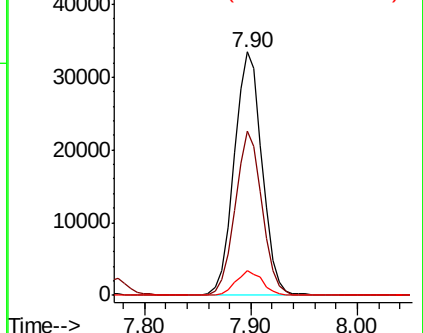
127 10.2 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.940 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

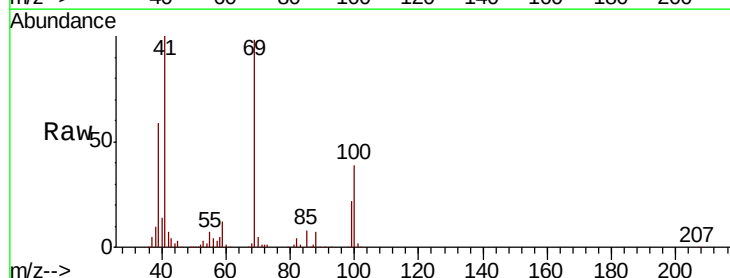
Tgt Ion: 41 Resp: 48512

Ion Ratio Lower Upper

41 100

69 97.7 56.4 84.6#

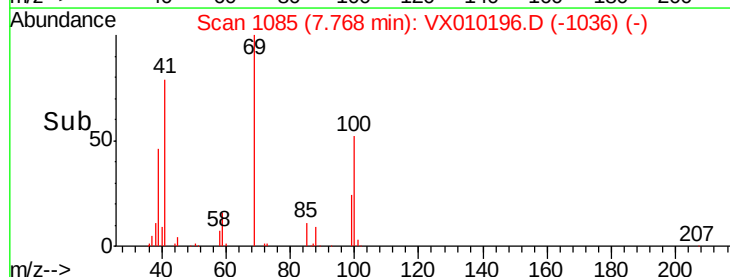
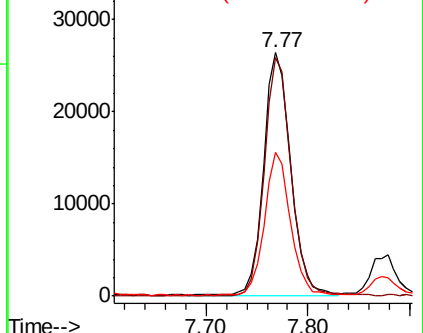
39 57.0 40.6 60.8

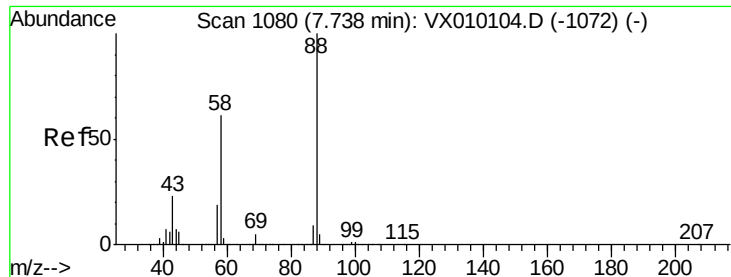


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 381.907 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

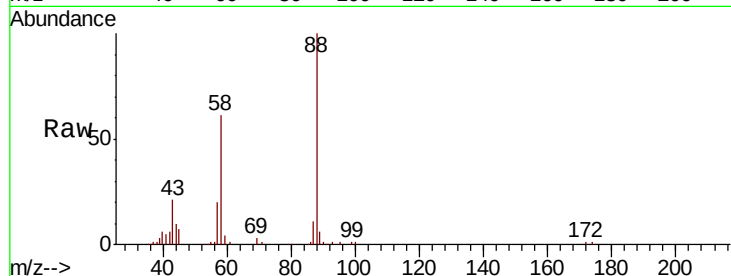
Tot Ion: 88 Resp: 27889

Ion Ratio Lower Upper

88 100

43 24.7 30.2 45.4#

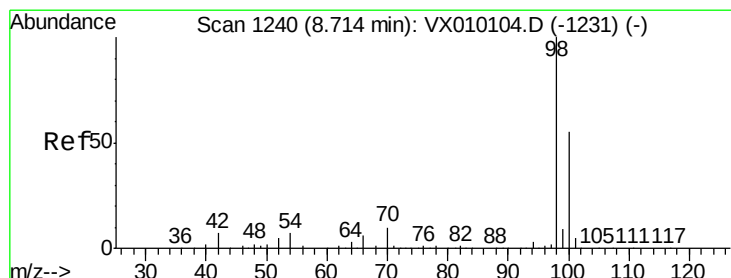
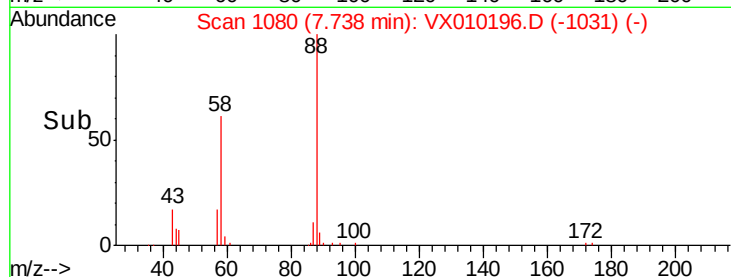
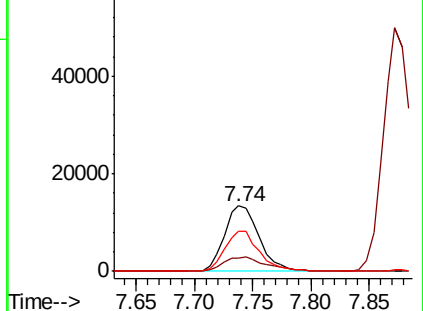
58 62.2 64.0 96.0#



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: 50.045 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010196.D

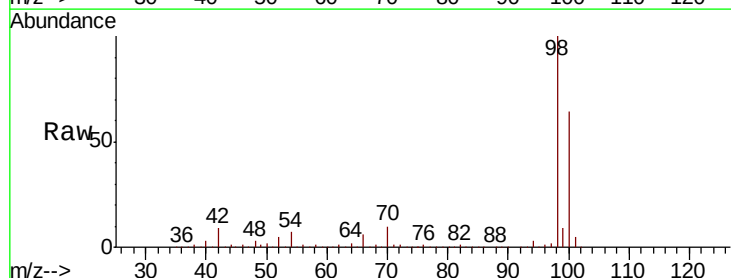
Acq: 10 Jun 2019 23:33

Tgt Ion: 98 Resp: 446426

Ion Ratio Lower Upper

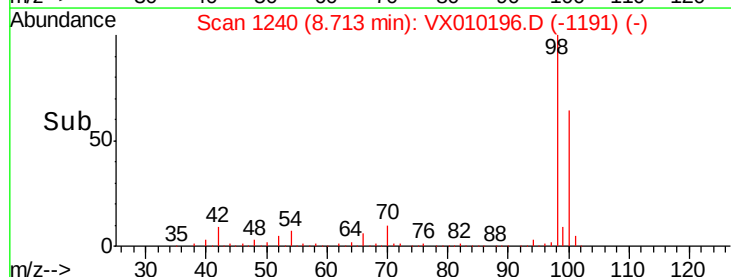
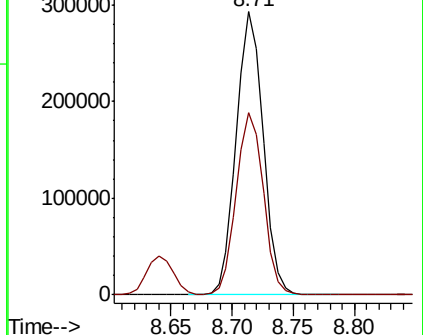
98 100

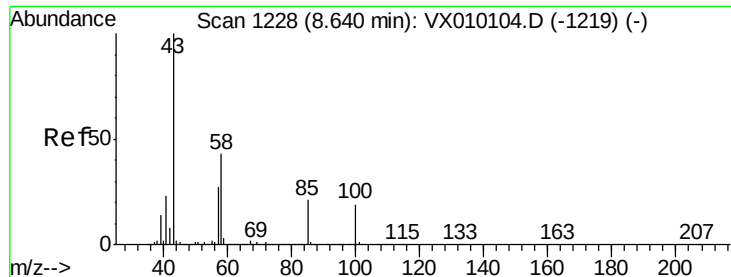
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.226 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

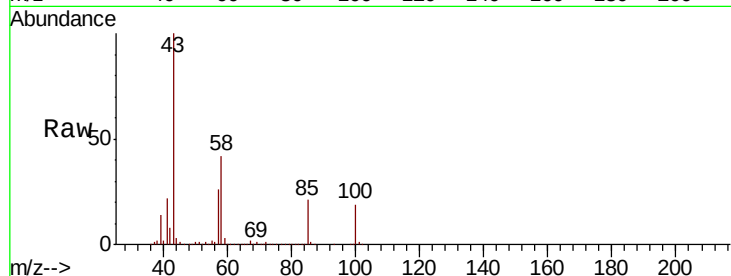
VX0610WBS03

Tot Ion: 43 Resp: 327918

Ion Ratio Lower Upper

43 100

58 42.1 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250000

200000

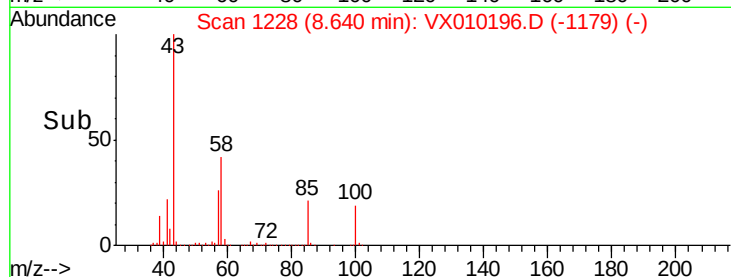
150000

100000

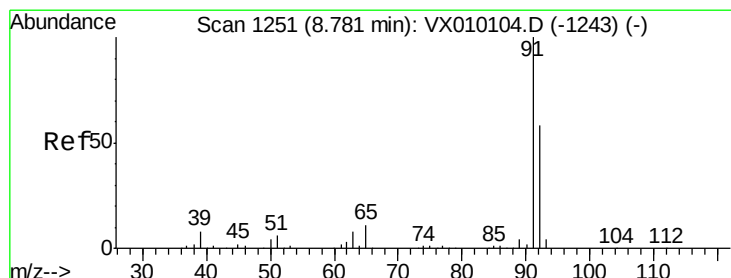
50000

0

8.55 8.60 8.65 8.70



Time-->



#52

Toluene

Concen: 18.712 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010196.D

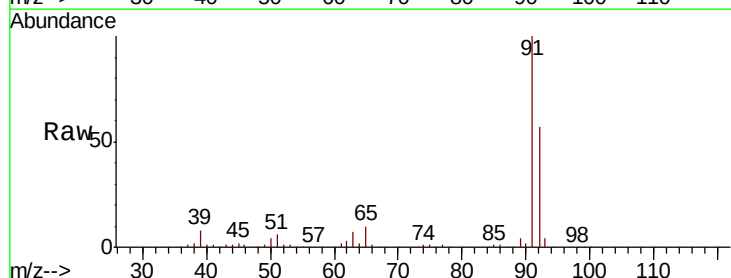
Acq: 10 Jun 2019 23:33

Tgt Ion: 92 Resp: 119742

Ion Ratio Lower Upper

92 100

91 175.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

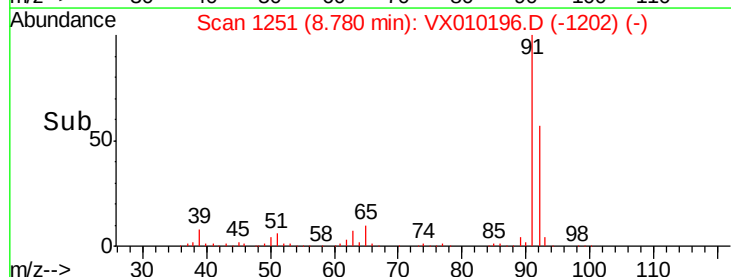
150000

100000

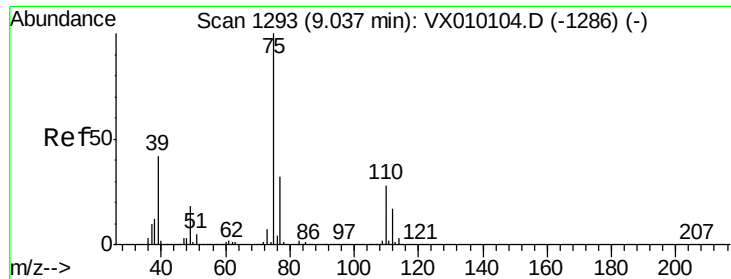
50000

0

8.70 8.80 8.90



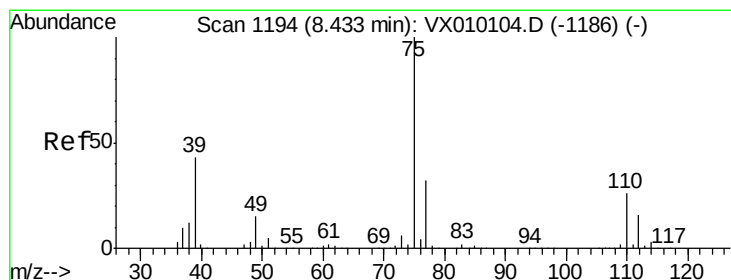
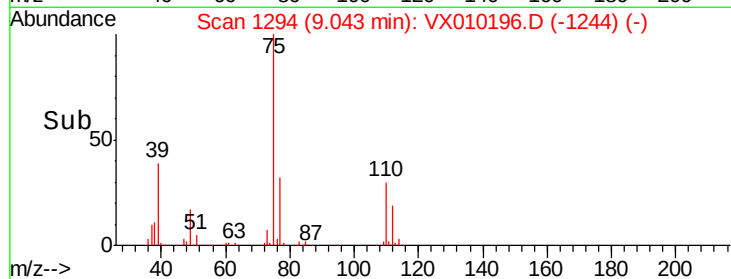
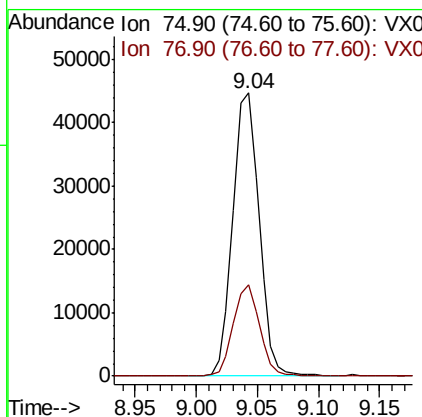
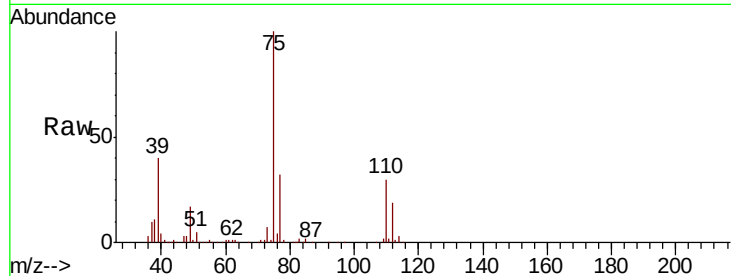
Time-->



#53
t-1,3-Dichloropropene
Concen: 16.918 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

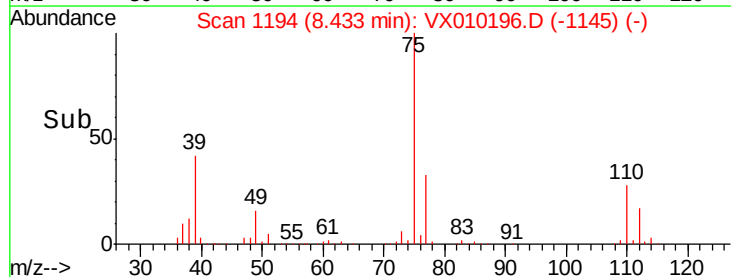
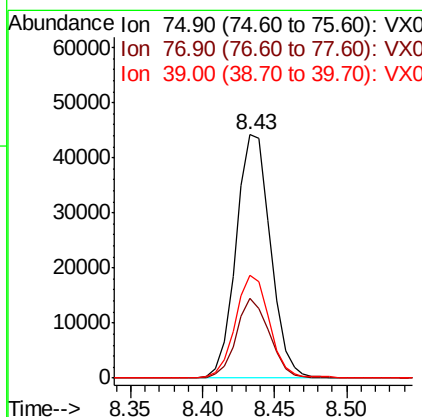
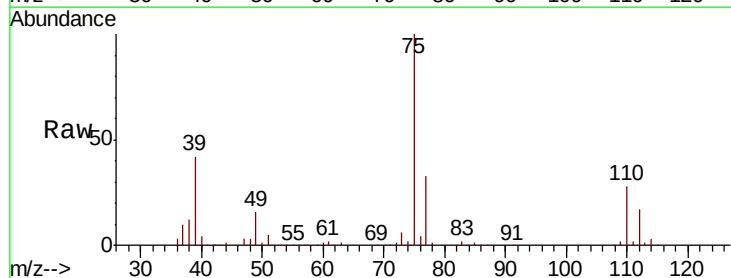
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

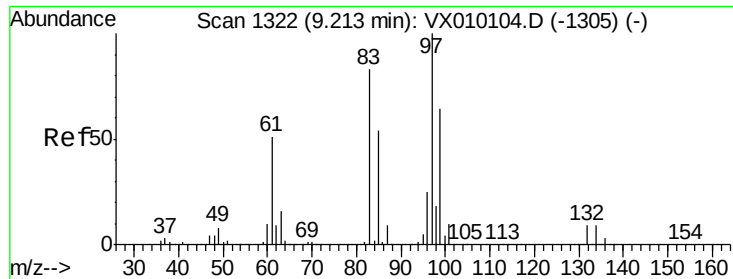
Tot Ion: 75 Resp: 66746
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 17.391 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion: 75 Resp: 73555
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 41.9 43.4 65.0#

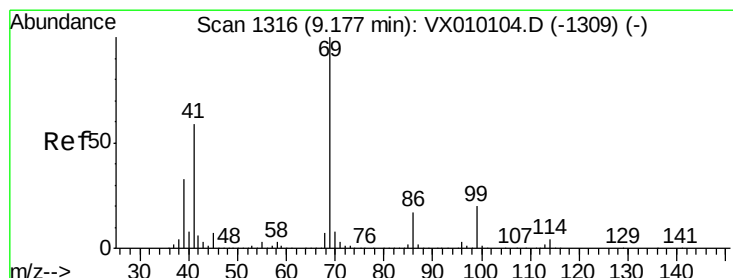
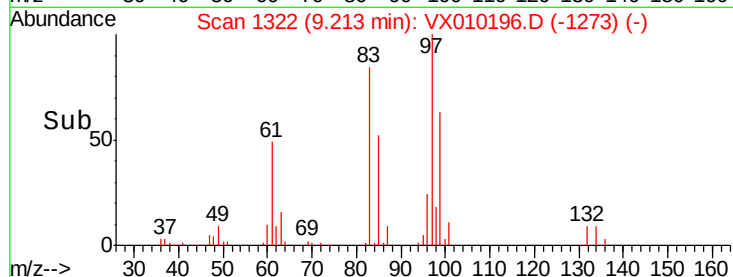
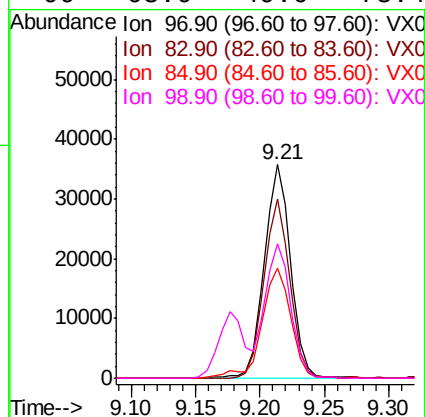
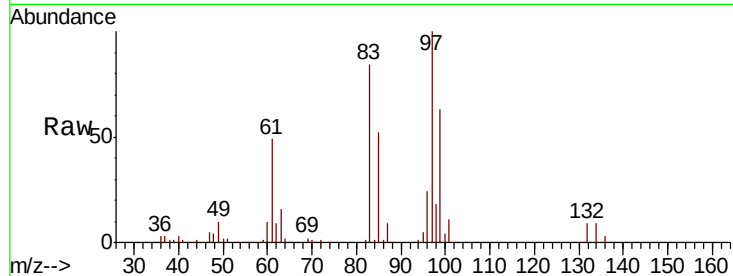




#55
 1,1,2-Trichloroethane
 Concen: 19.297 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

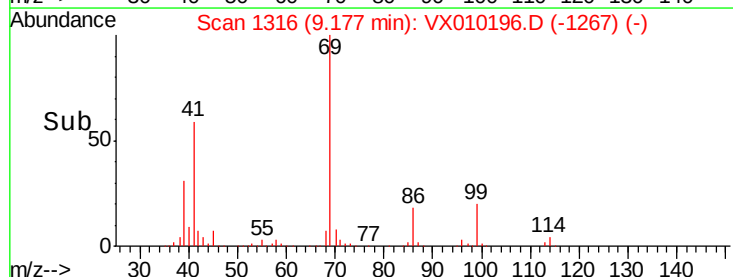
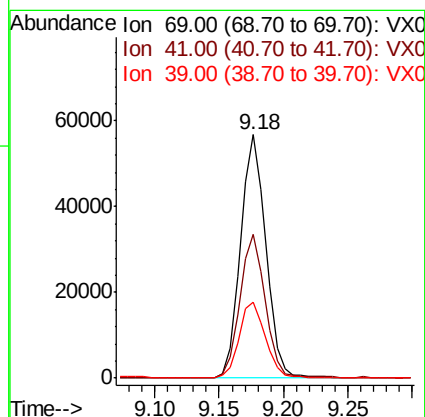
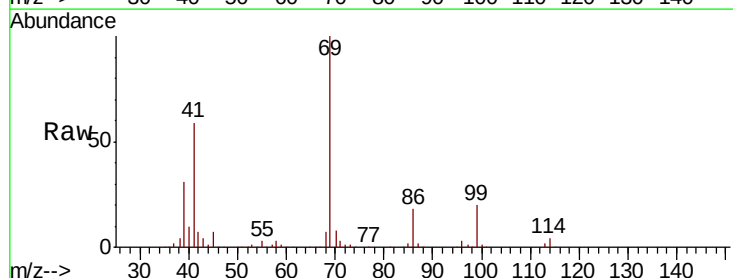
Instrument :
 MSVOA_X
 ClientSampled :
 VX0610WBS03

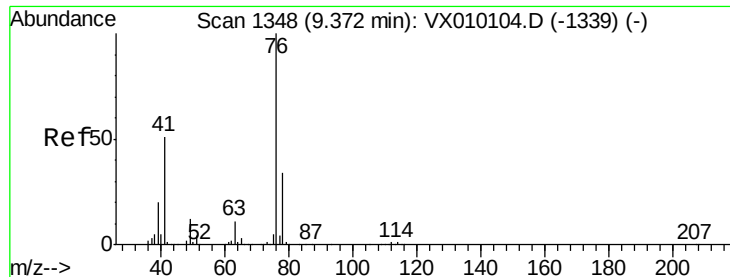
Tot Ion: 97 Resp: 50572
 Ion Ratio Lower Upper
 97 100
 83 83.6 69.8 104.8
 85 51.7 45.3 67.9
 99 63.0 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 18.687 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

Tgt Ion: 69 Resp: 77360
 Ion Ratio Lower Upper
 69 100
 41 58.5 62.7 94.1#
 39 31.6 29.5 44.3





#57

1,3-Dichloropropane

Concen: 18.719 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

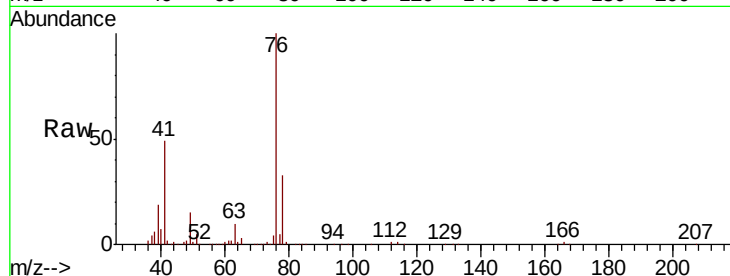
VX0610WBS03

Tot Ion: 76 Resp: 77233

Ion Ratio Lower Upper

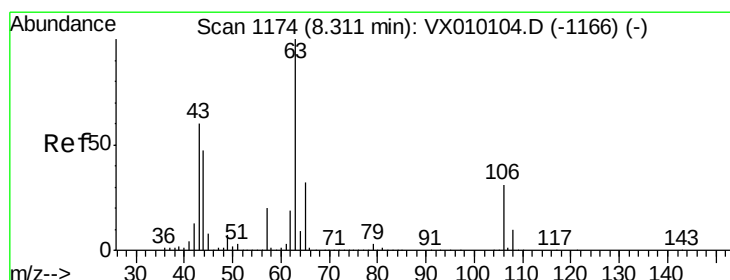
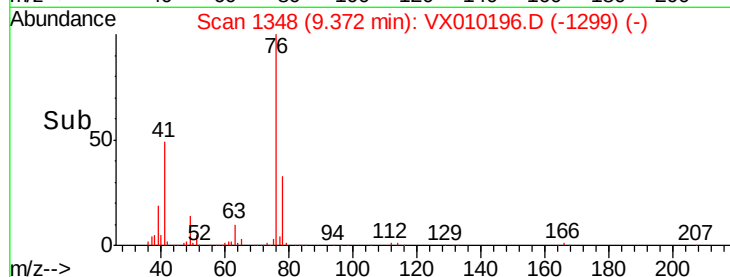
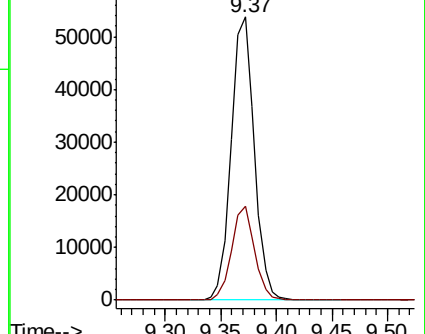
76 100

78 32.8 25.4 38.0



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: 97.905 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010196.D

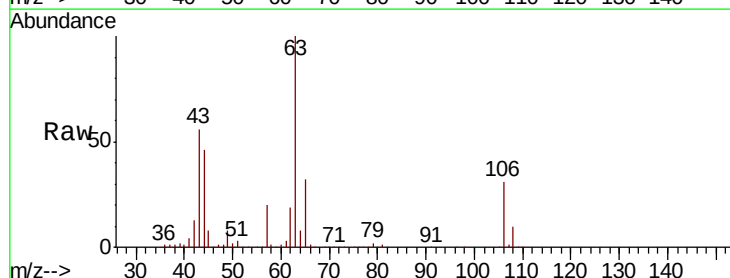
Acq: 10 Jun 2019 23:33

Tgt Ion: 63 Resp: 191071

Ion Ratio Lower Upper

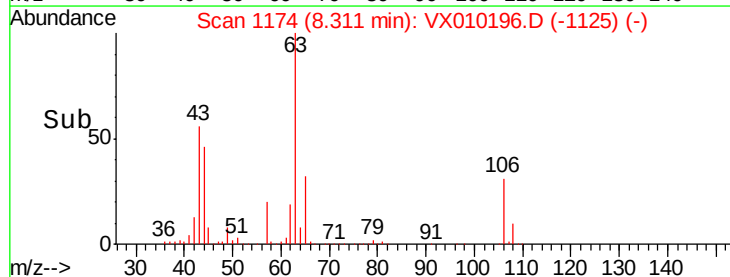
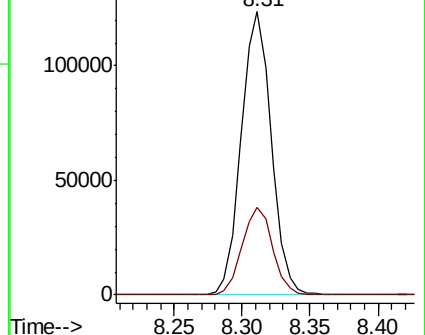
63 100

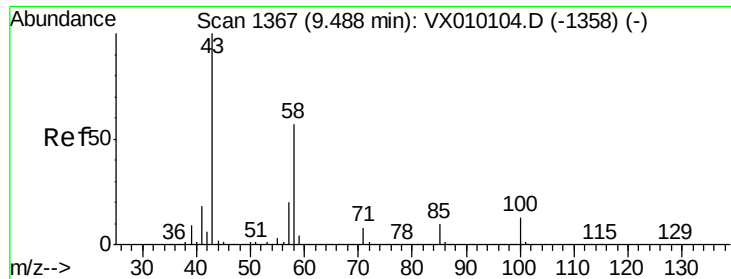
106 31.5 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

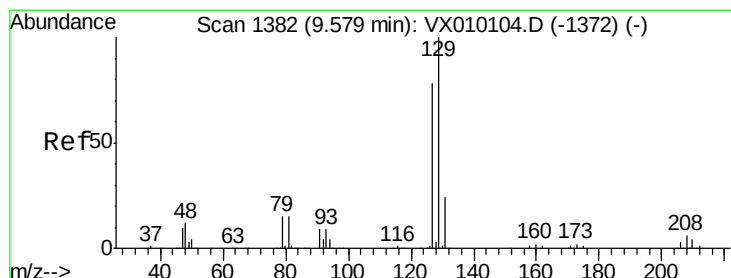
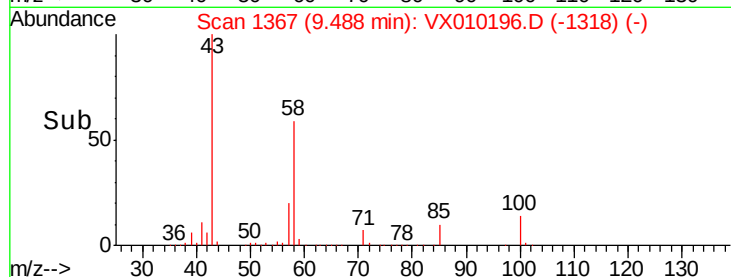
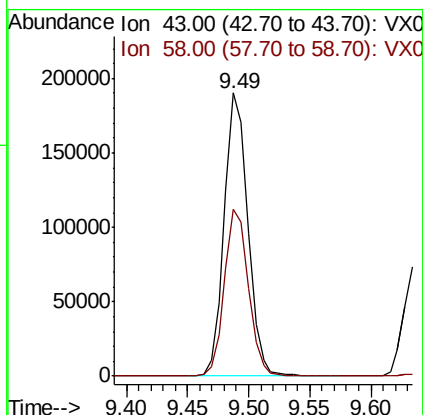
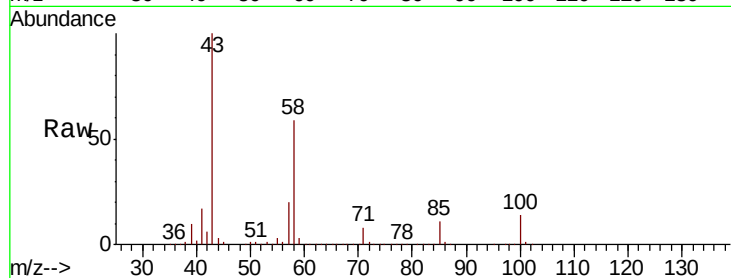




#59
2-Hexanone
Concen: 97.637 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

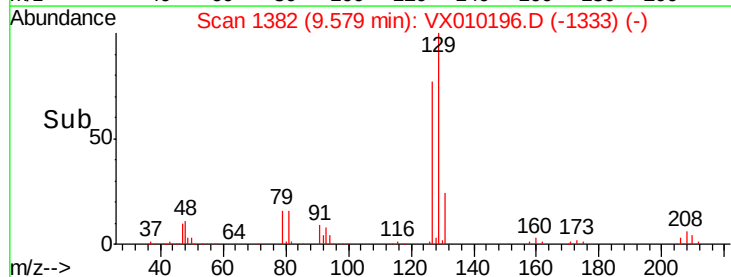
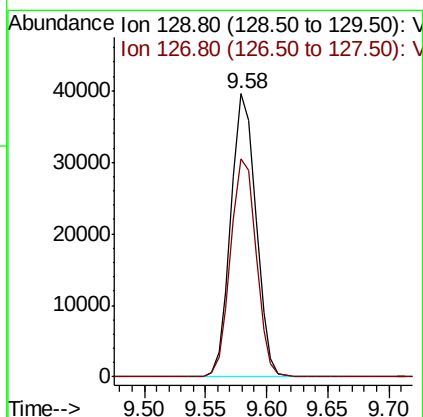
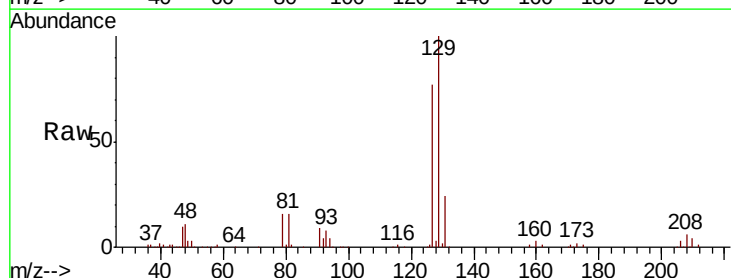
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

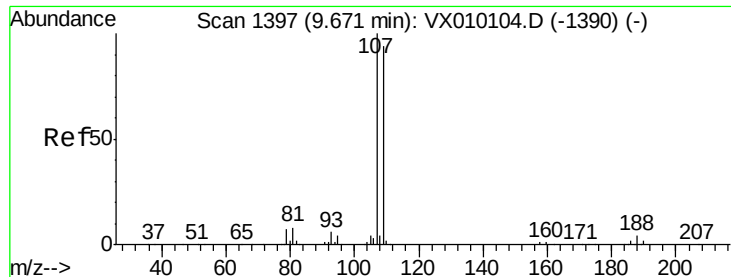
Tot Ion: 43 Resp: 254698
Ion Ratio Lower Upper
43 100
58 60.2 25.1 75.3



#60
Dibromochloromethane
Concen: 18.171 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion:129 Resp: 56327
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.674 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

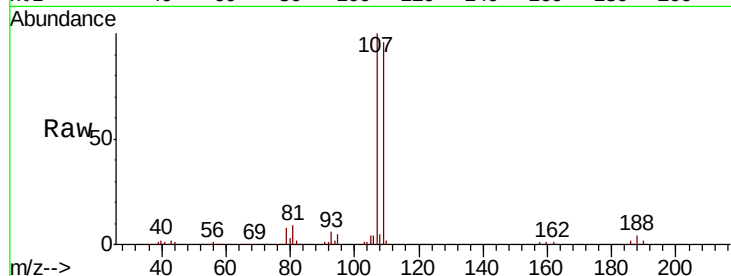
VX0610WBS03

Tot Ion:107 Resp: 54504

Ion Ratio Lower Upper

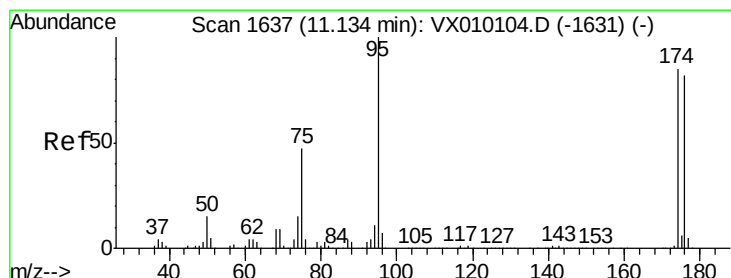
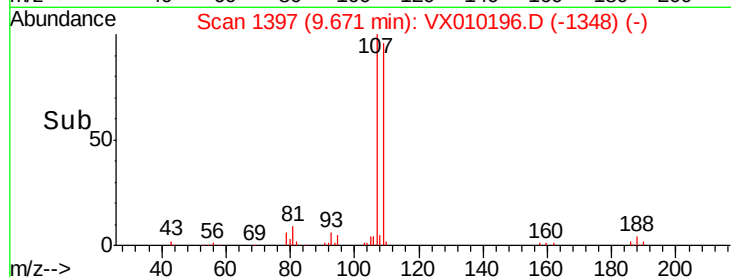
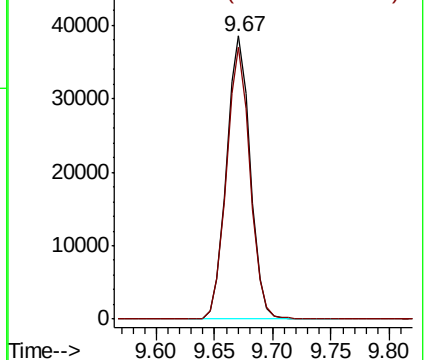
107 100

109 95.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.683 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

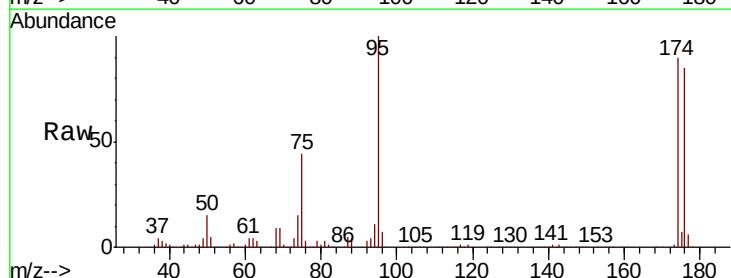
Tgt Ion: 95 Resp: 158853

Ion Ratio Lower Upper

95 100

174 93.1 0.0 160.4

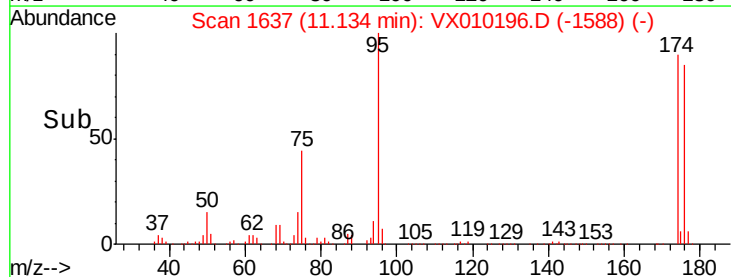
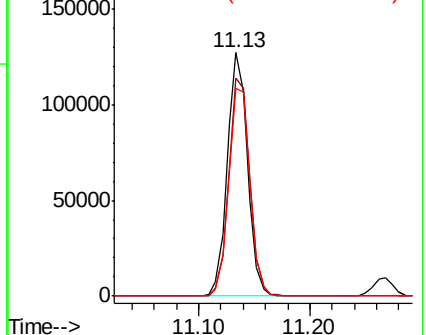
176 90.2 0.0 154.6

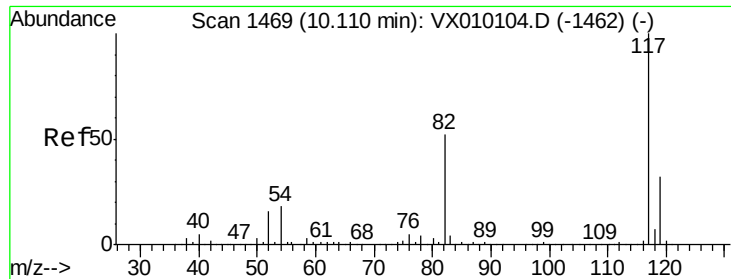


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

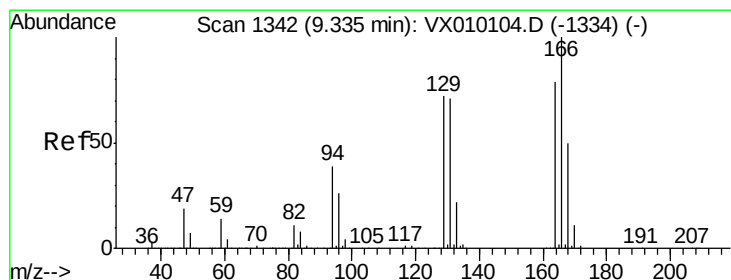
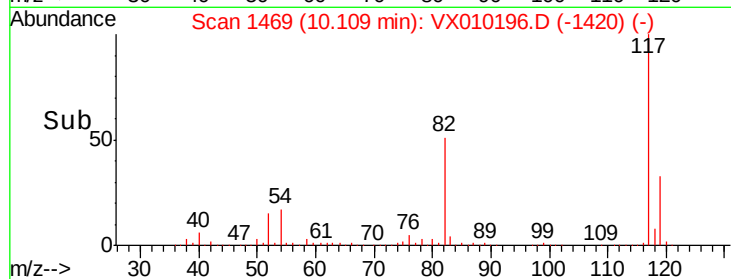
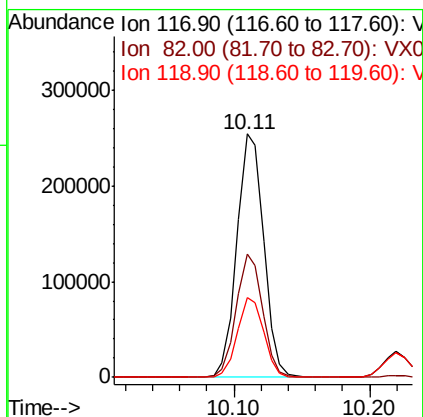
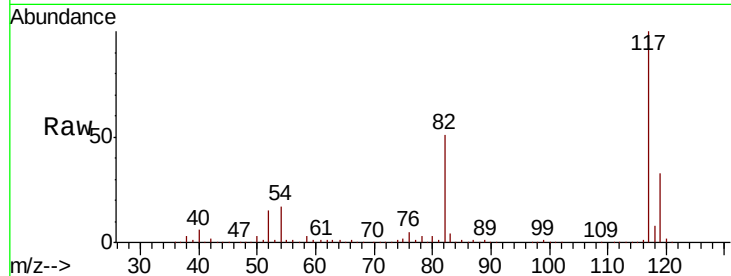




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

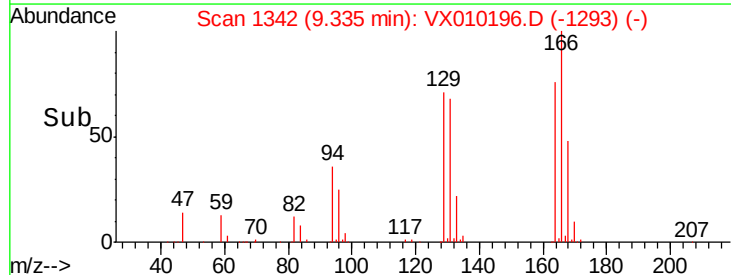
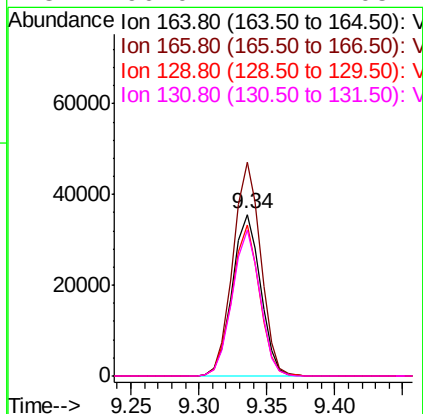
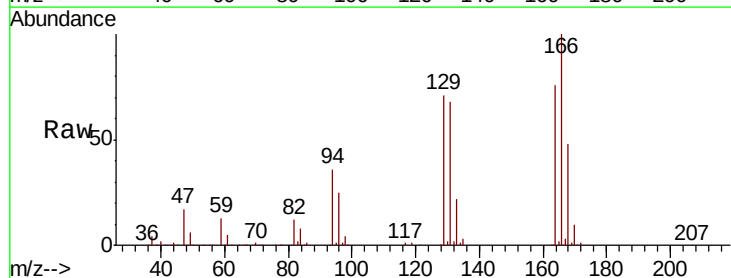
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

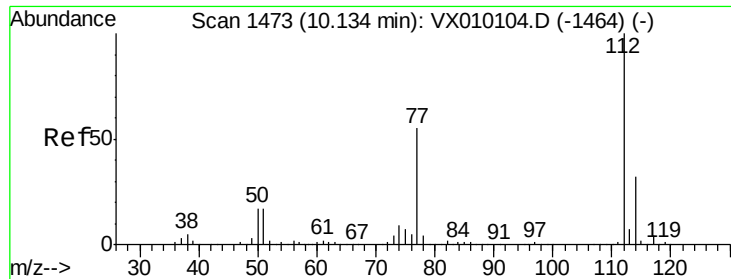
Tot Ion:117 Resp: 349835
Ion Ratio Lower Upper
117 100
82 50.7 49.2 73.8
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 19.847 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion:164 Resp: 51569
Ion Ratio Lower Upper
164 100
166 131.9 105.0 157.4
129 93.0 75.1 112.7
131 90.0 72.2 108.4

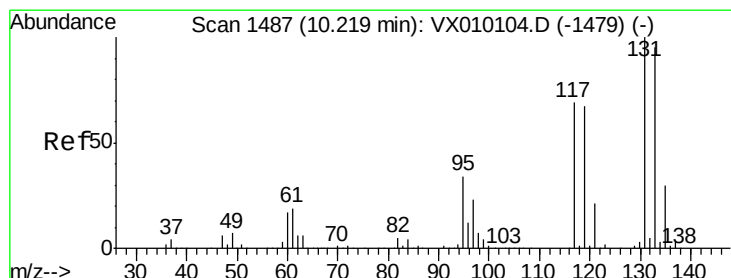
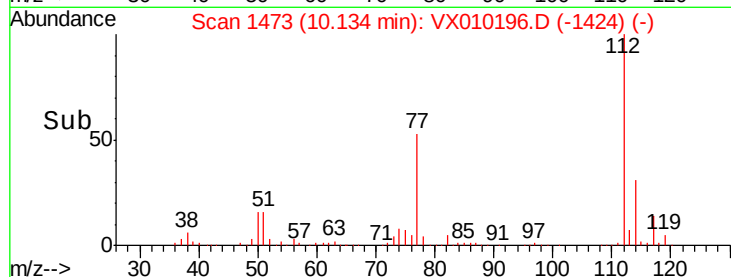
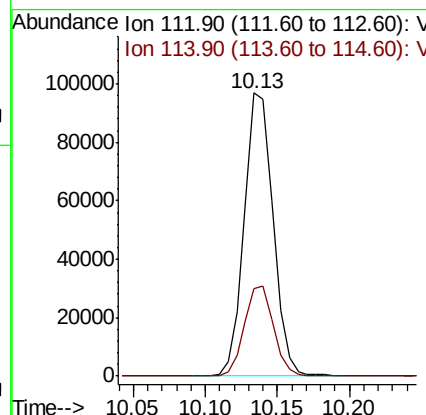
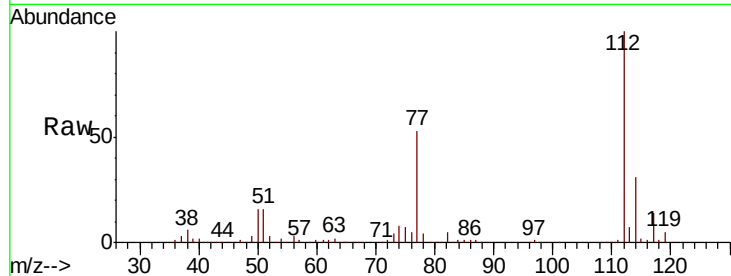




#65
Chlorobenzene
Concen: 18.753 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

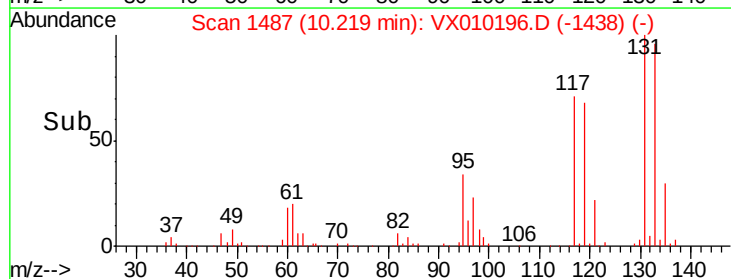
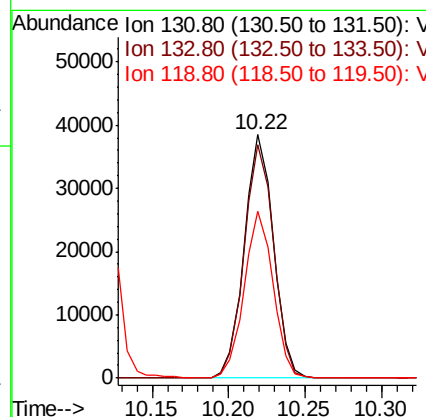
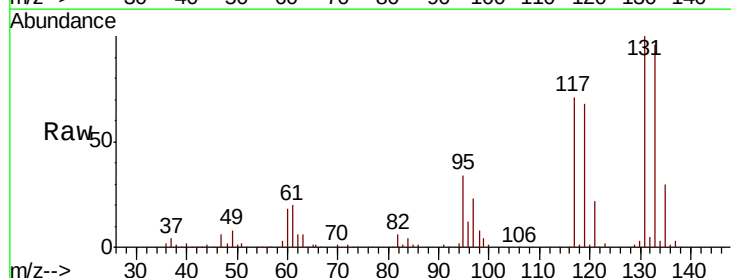
Instrument :
MSVOA_X
ClientSampled :
VX0610WBS03

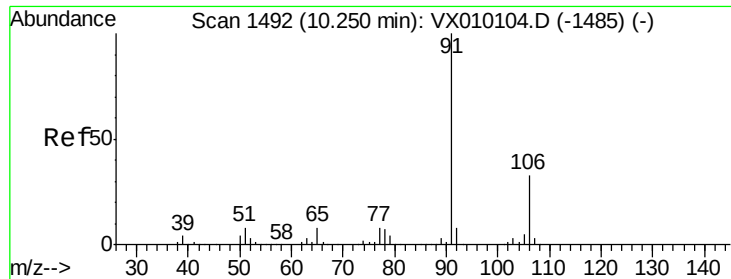
Tot Ion:112 Resp: 135403
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.421 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion:131 Resp: 51150
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 67.8 33.4 100.1





#67

Ethyl Benzene

Concen: 18.680 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampled :

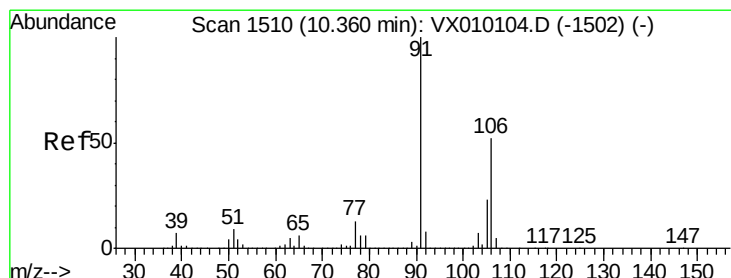
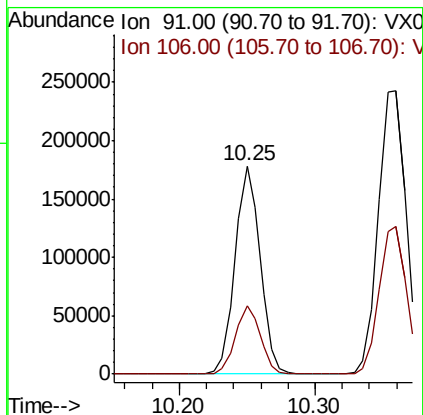
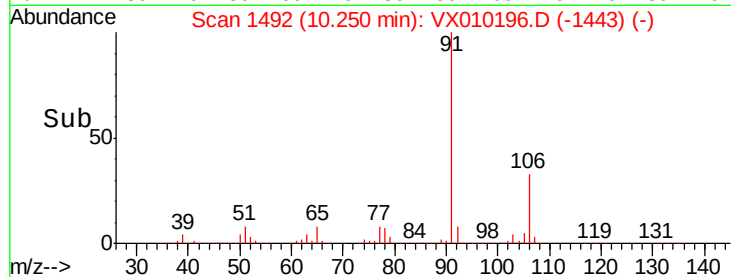
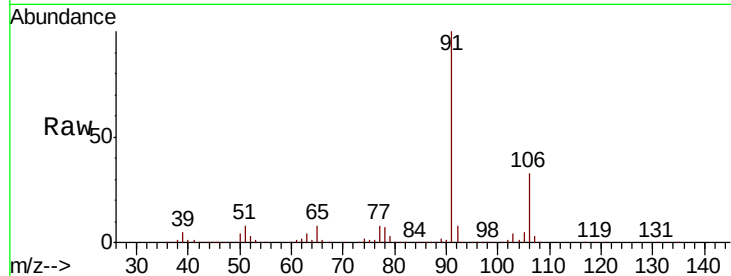
VX0610WBS03

Tot Ion: 91 Resp: 229610

Ion Ratio Lower Upper

91 100

106 32.8 23.9 35.9



#68

m/p-Xylenes

Concen: 37.384 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010196.D

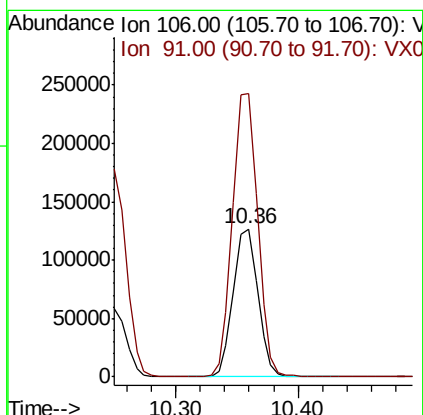
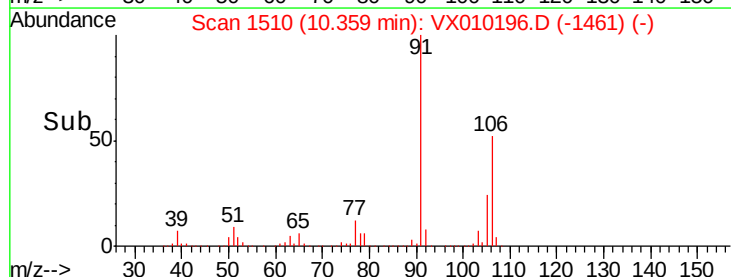
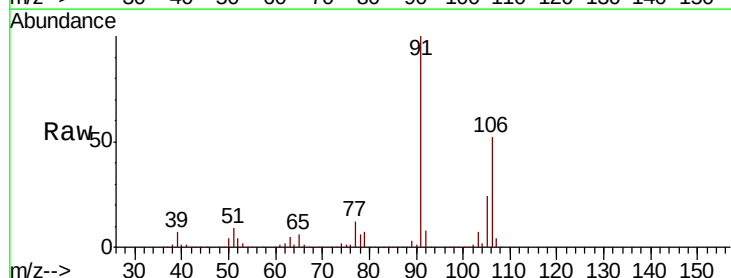
Acq: 10 Jun 2019 23:33

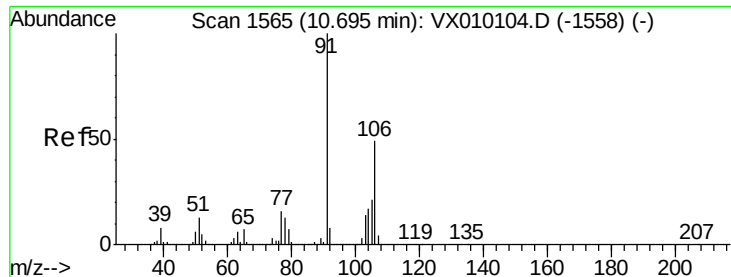
Tgt Ion: 106 Resp: 177813

Ion Ratio Lower Upper

106 100

91 194.9 167.3 250.9

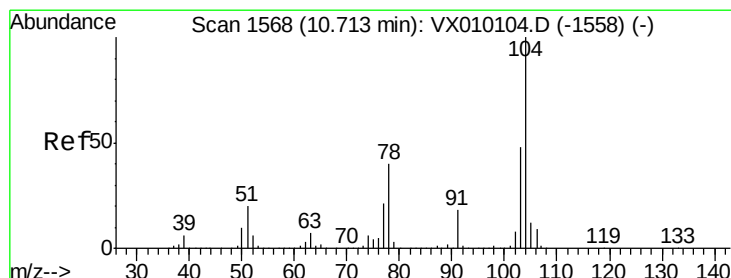
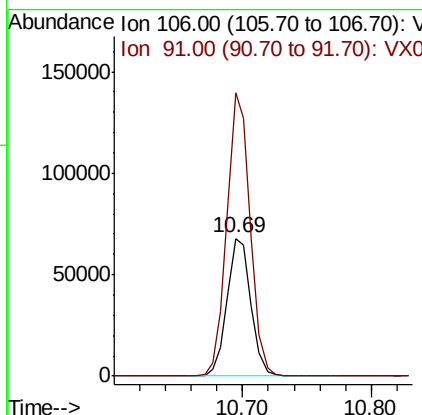
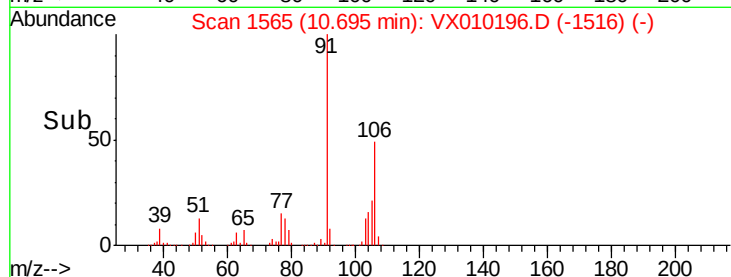
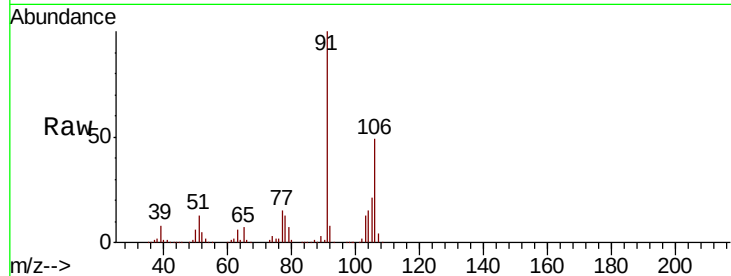




#69
o-Xylene
Concen: 18.707 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

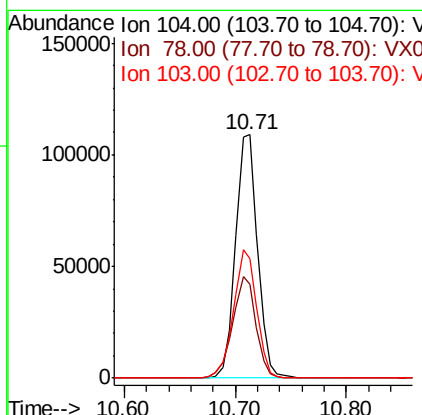
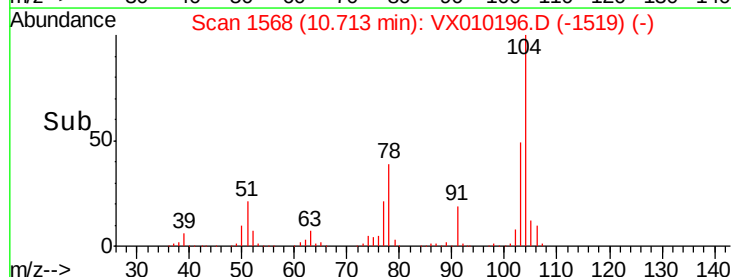
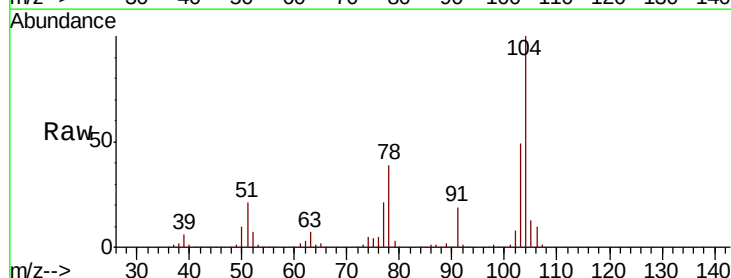
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

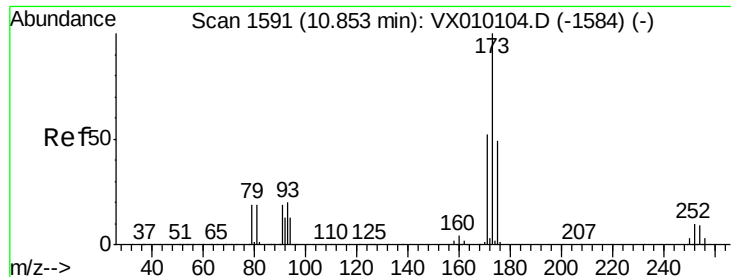
Tot Ion:106 Resp: 88451
Ion Ratio Lower Upper
106 100
91 202.1 110.4 331.2



#70
Styrene
Concen: 18.653 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion:104 Resp: 149373
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 18.022 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

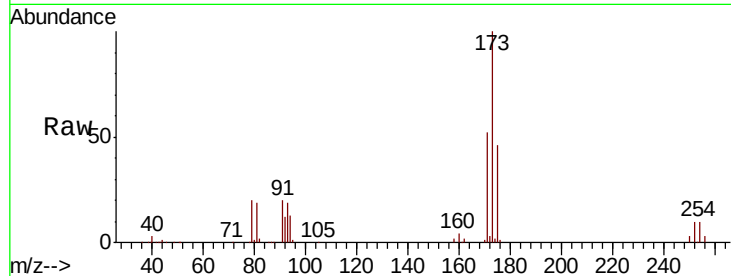
Tot Ion:173 Resp: 46004

Ion Ratio Lower Upper

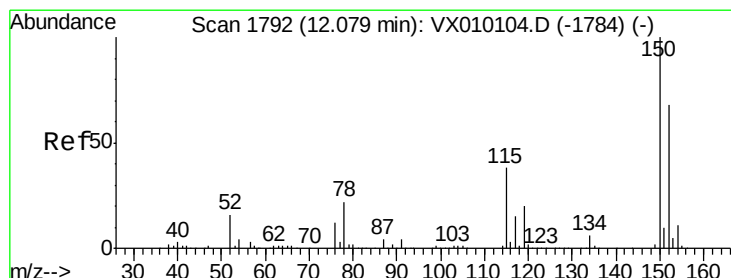
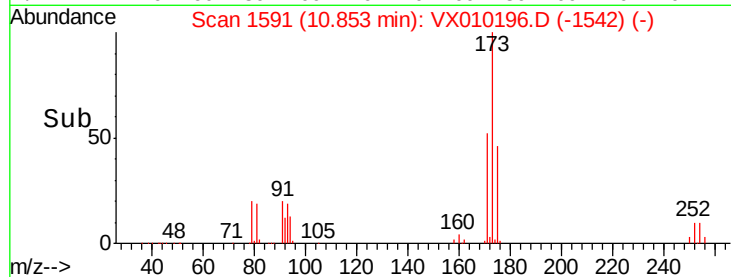
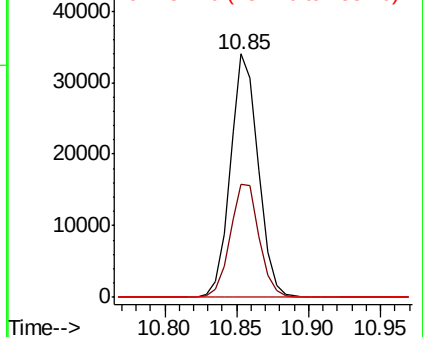
173 100

175 48.5 25.0 75.0

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

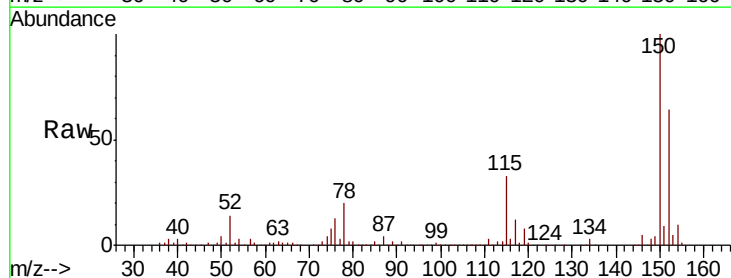
Tgt Ion:152 Resp: 175644

Ion Ratio Lower Upper

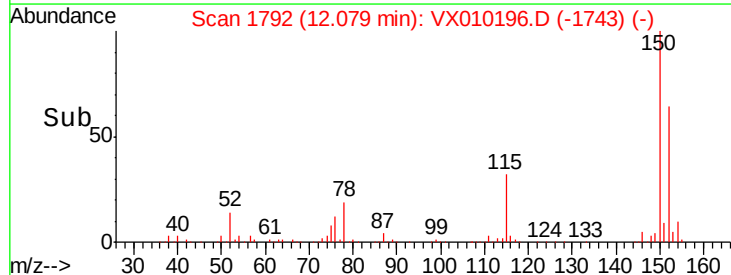
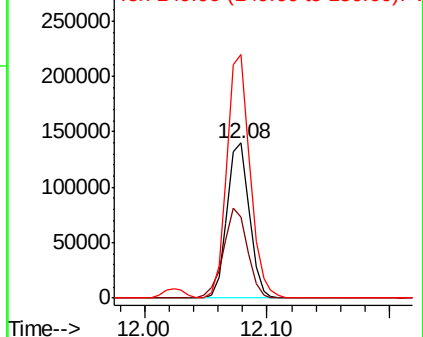
152 100

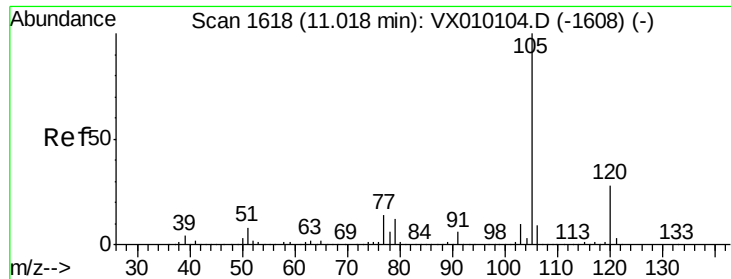
115 62.5 41.4 124.2

150 162.7 0.0 345.2



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: 18.823 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

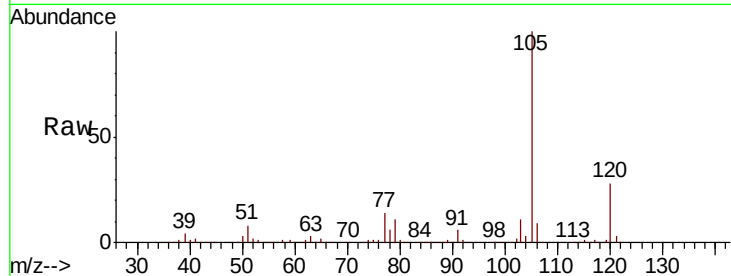
VX0610WBS03

Tot Ion:105 Resp: 230795

Ion Ratio Lower Upper

105 100

120 28.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

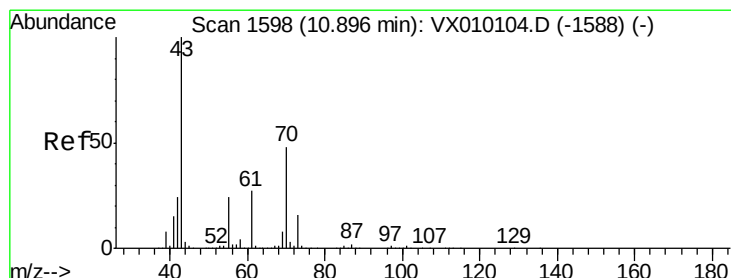
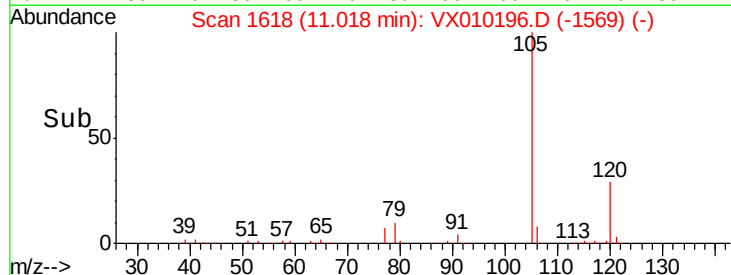
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 18.895 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Tgt Ion: 43 Resp: 91578

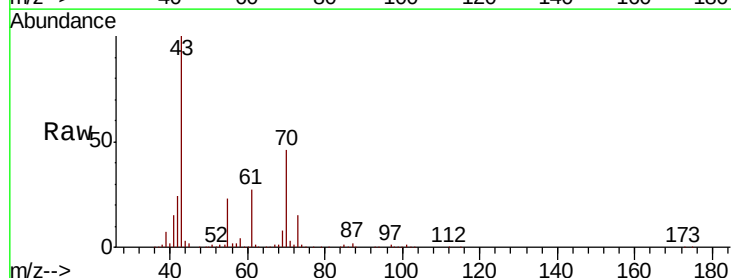
Ion Ratio Lower Upper

43 100

70 46.0 28.6 43.0#

55 24.0 17.8 26.8

61 26.7 17.7 26.5#



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

120000

100000

80000

60000

40000

20000

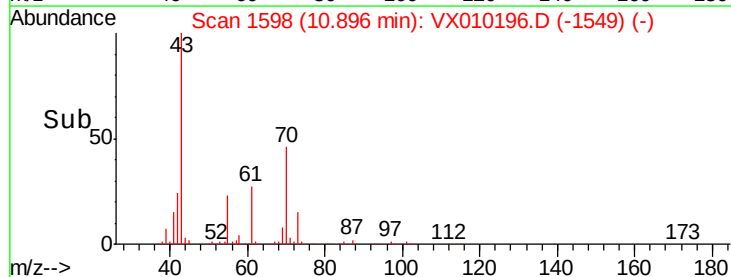
0

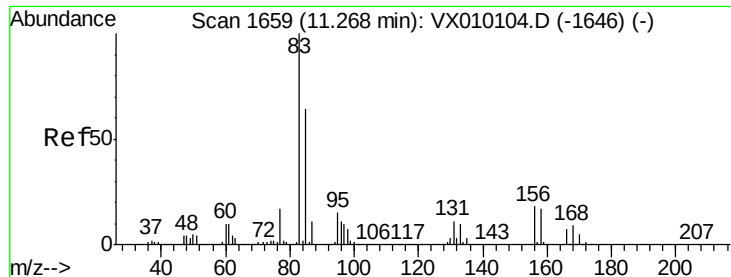
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.037 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

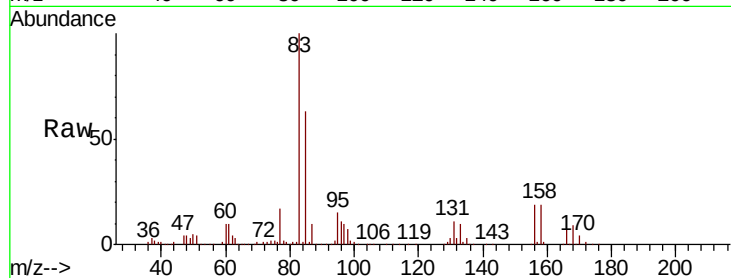
Tot Ion: 83 Resp: 79902

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

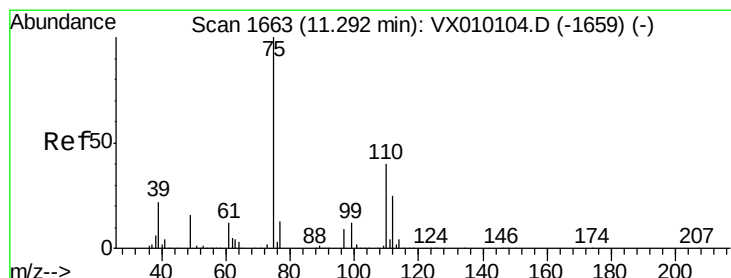
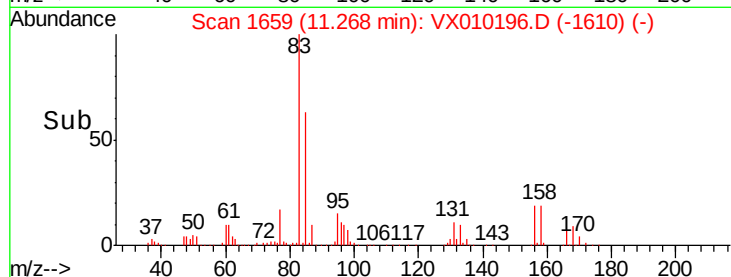
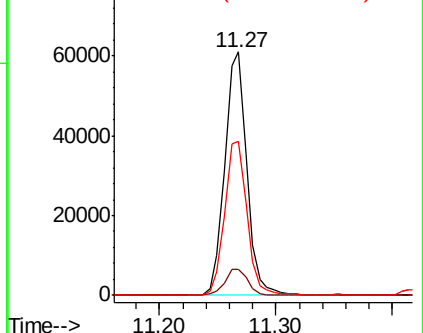
85 64.6 31.9 95.9



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: 24.629 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010196.D

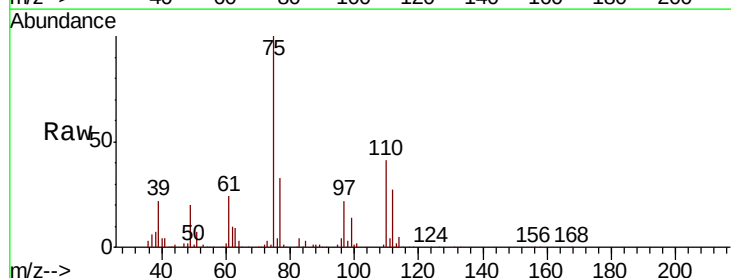
Acq: 10 Jun 2019 23:33

Tgt Ion: 75 Resp: 86528

Ion Ratio Lower Upper

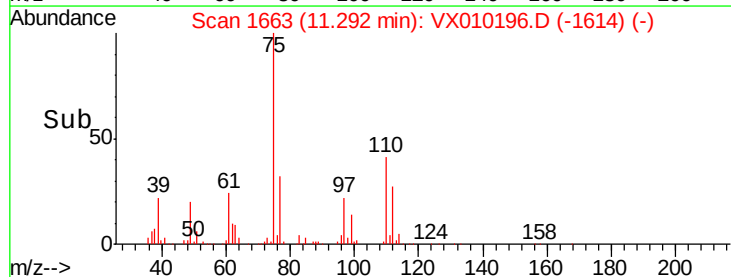
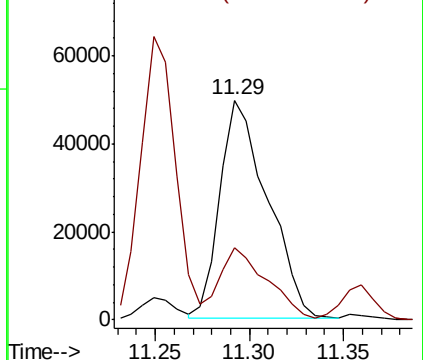
75 100

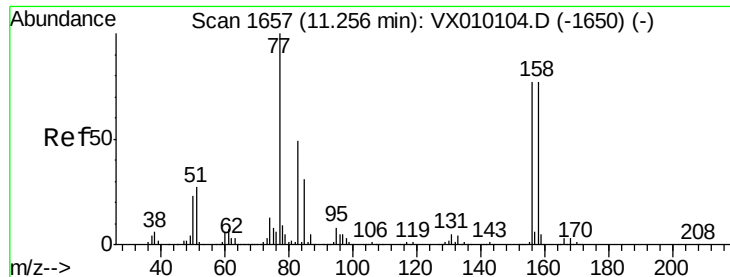
77 33.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.711 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

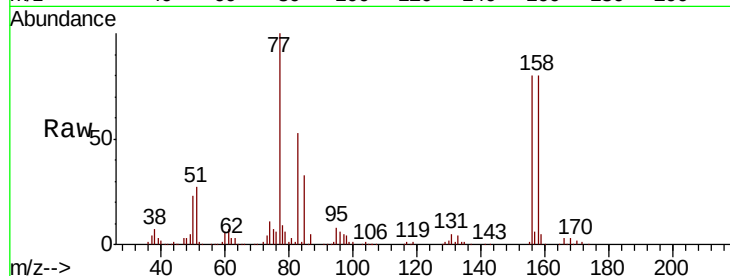
Tot Ion:156 Resp: 63090

Ion Ratio Lower Upper

156 100

77 133.0 86.8 260.3

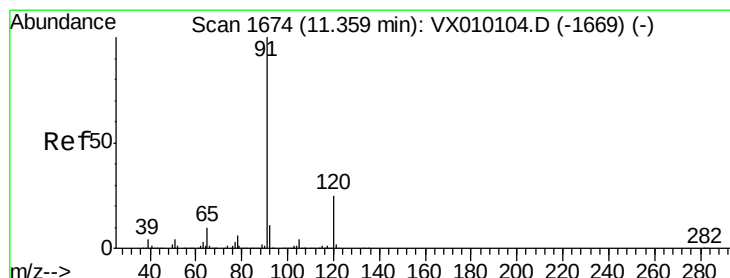
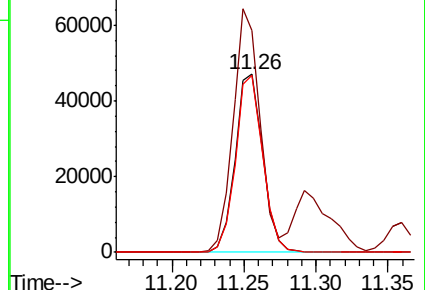
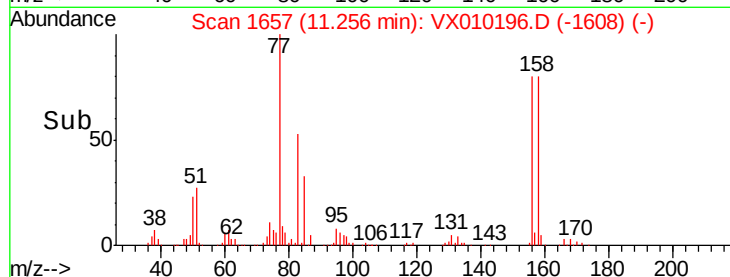
158 98.1 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.472 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010196.D

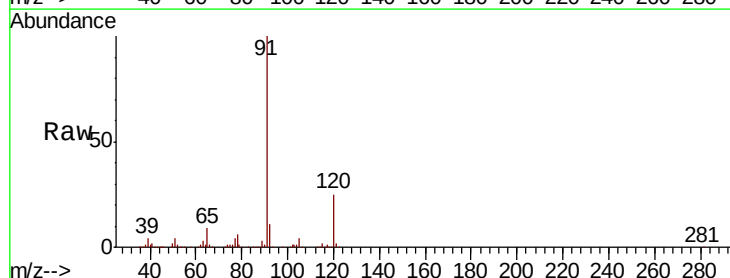
Acq: 10 Jun 2019 23:33

Tgt Ion: 91 Resp: 252143

Ion Ratio Lower Upper

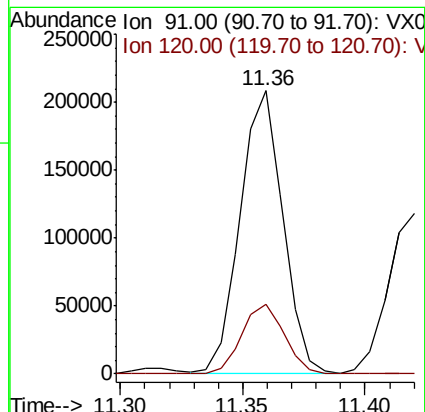
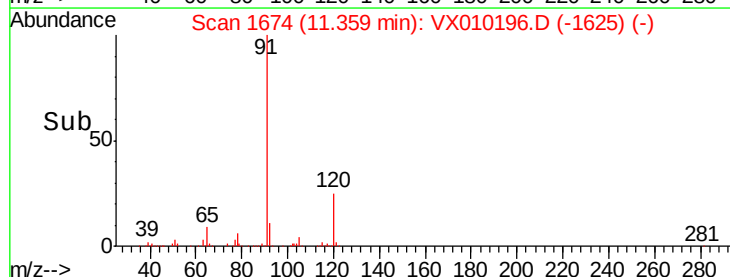
91 100

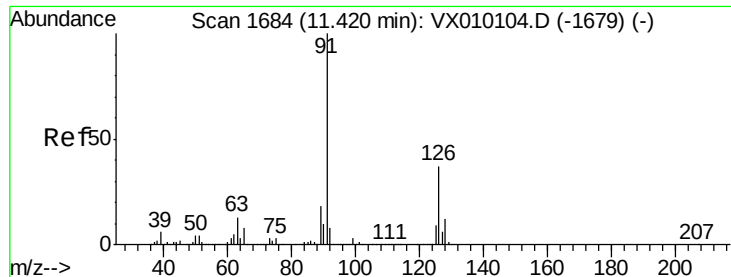
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.074 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

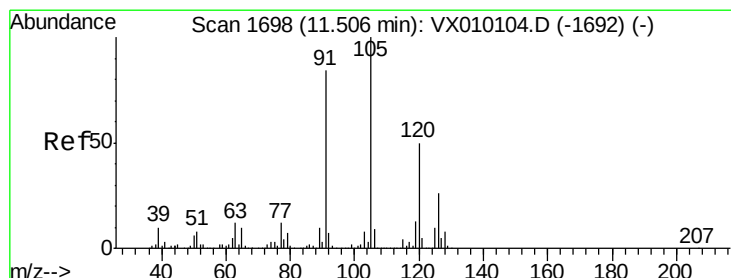
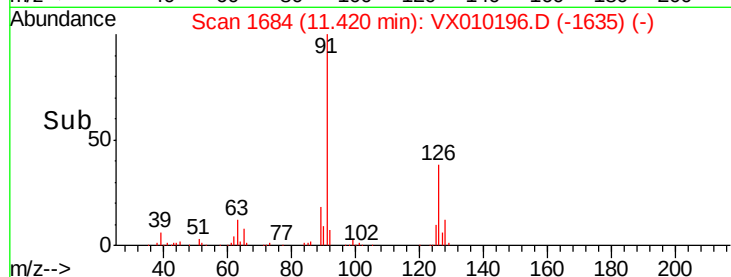
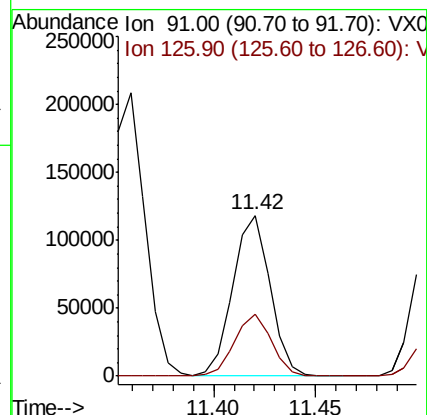
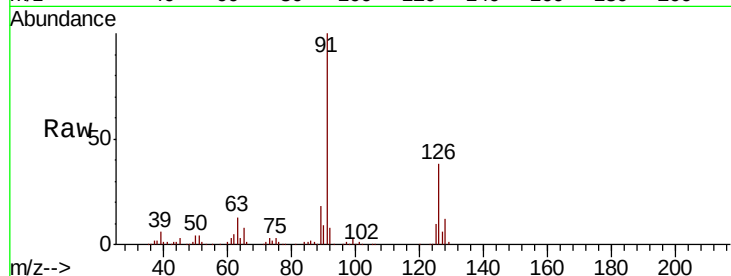
VX0610WBS03

Tot Ion: 91 Resp: 148175

Ion Ratio Lower Upper

91 100

126 38.3 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 18.675 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010196.D

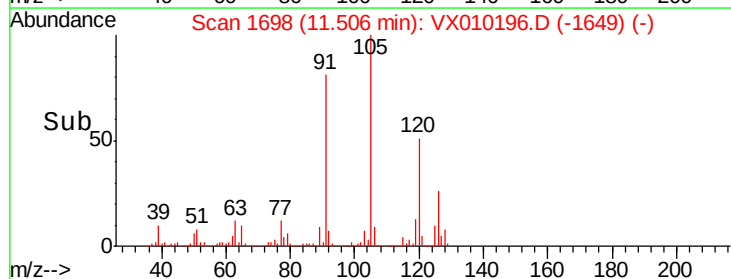
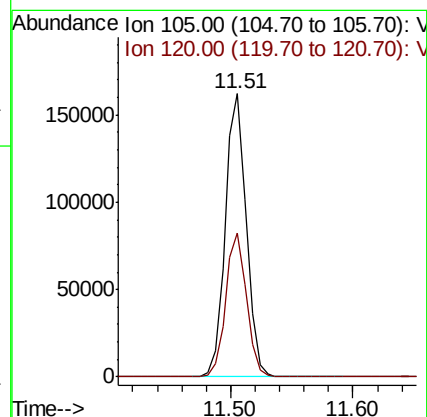
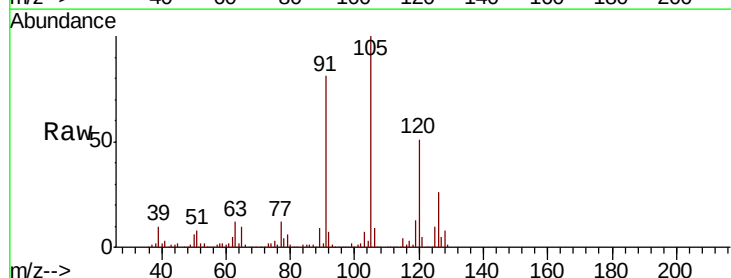
Acq: 10 Jun 2019 23:33

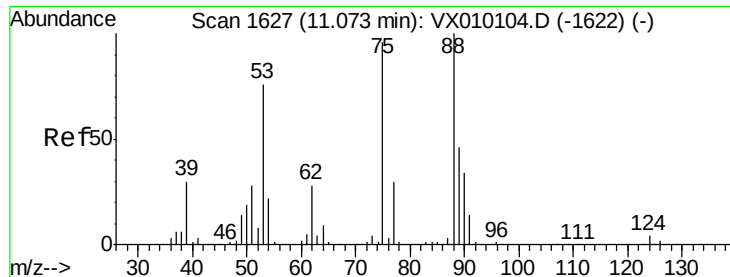
Tgt Ion: 105 Resp: 192861

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3

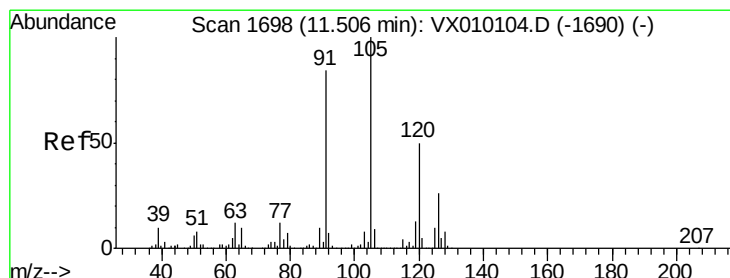
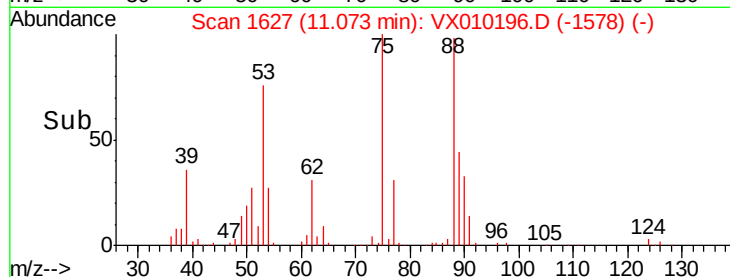
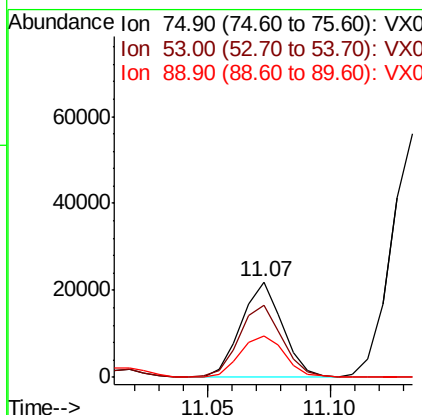
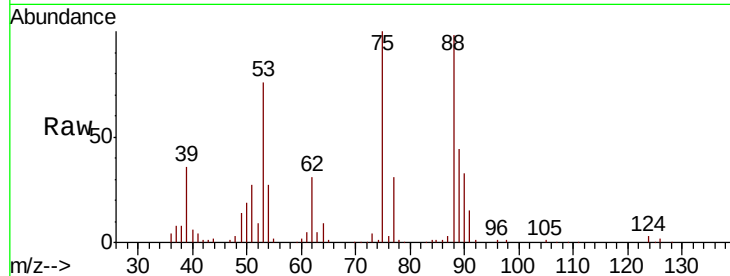




#81
trans-1,4-Dichloro-2-butene
Concen: 16.381 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

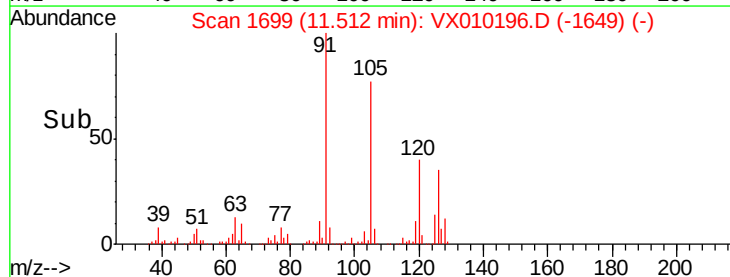
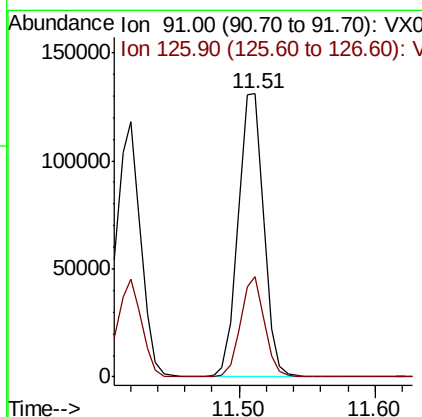
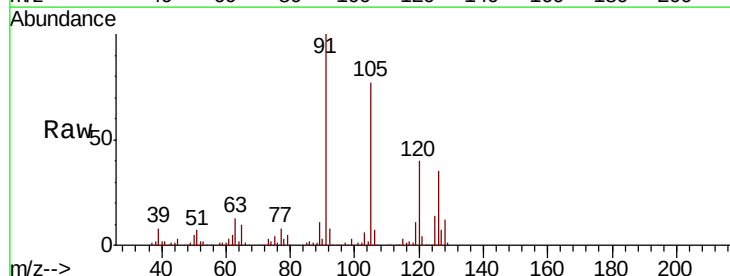
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

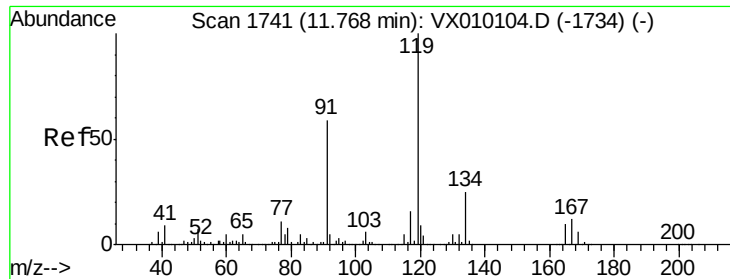
Tot Ion: 75 Resp: 26048
Ion Ratio Lower Upper
75 100
53 78.0 79.8 119.6#
89 47.1 34.2 51.4



#82
4-Chlorotoluene
Concen: 18.340 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion: 91 Resp: 170795
Ion Ratio Lower Upper
91 100
126 33.2 14.2 42.6

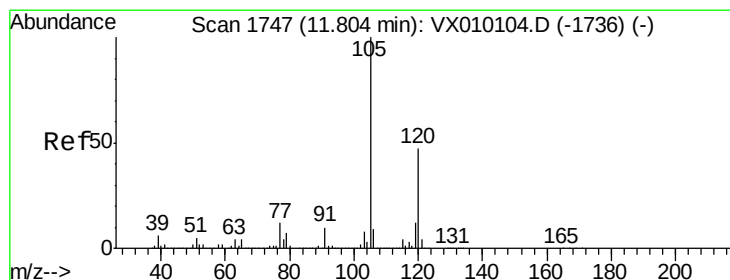
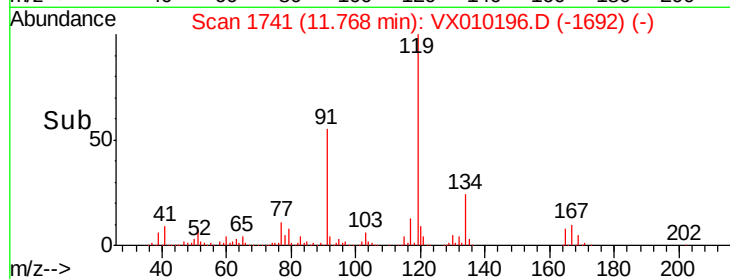
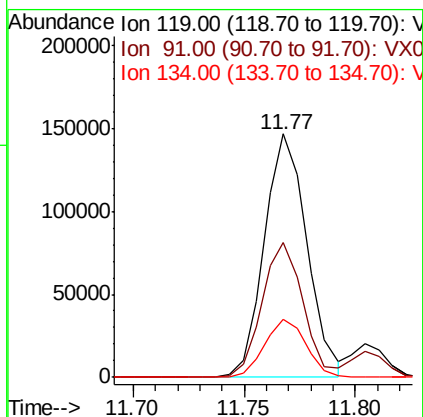
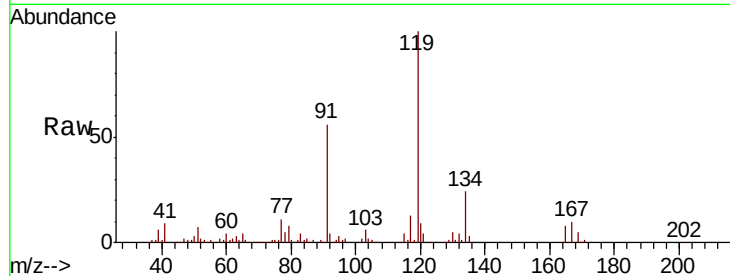




#83
 tert-Butylbenzene
 Concen: 18.665 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

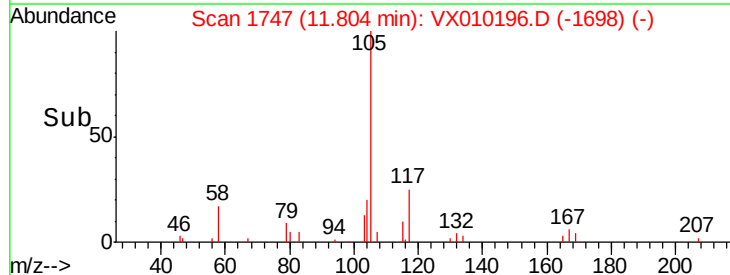
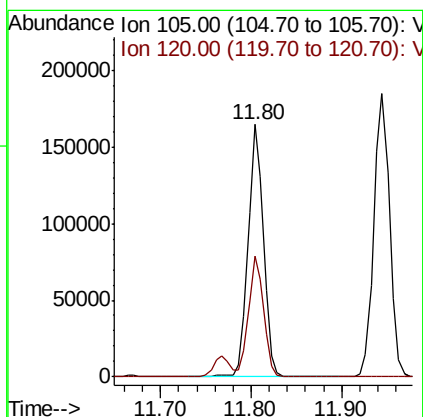
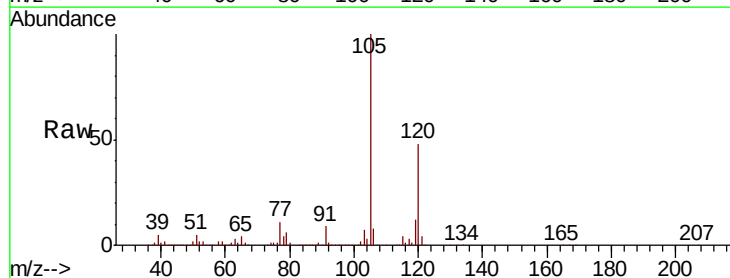
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS03

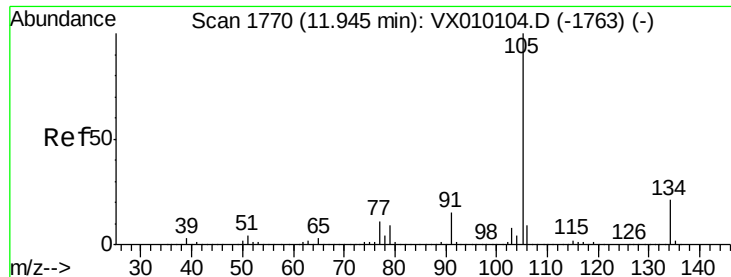
Tot Ion:119 Resp: 195097
 Ion Ratio Lower Upper
 119 100
 91 53.6 30.0 90.0
 134 23.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.573 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

Tgt Ion:105 Resp: 193743
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 18.173 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

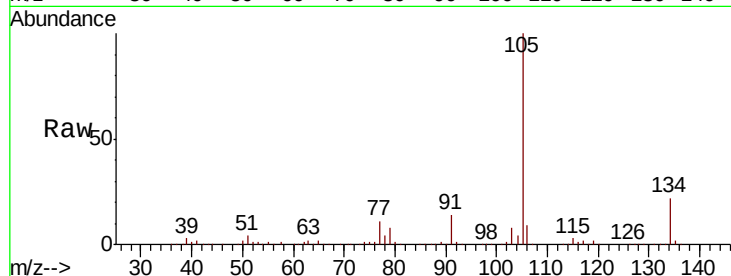
VX0610WBS03

Tot Ion:105 Resp: 221307

Ion Ratio Lower Upper

105 100

134 21.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

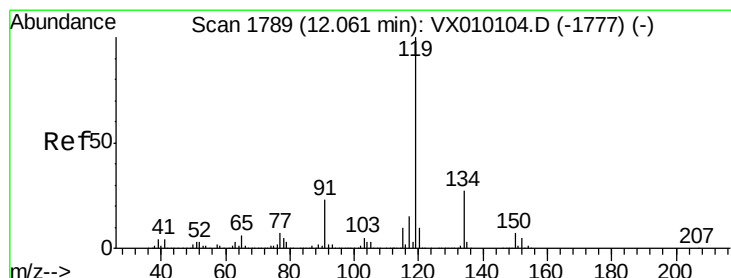
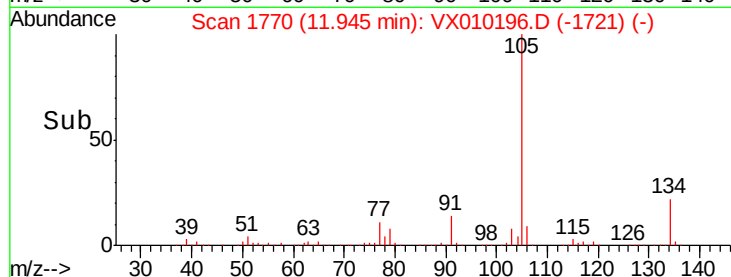
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 18.431 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

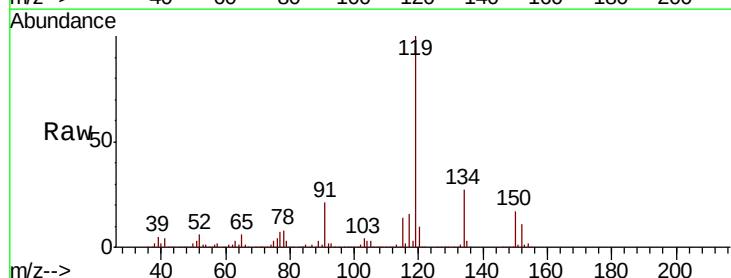
Tgt Ion:119 Resp: 205180

Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.6

91 21.7 11.9 35.9



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

12.06

200000

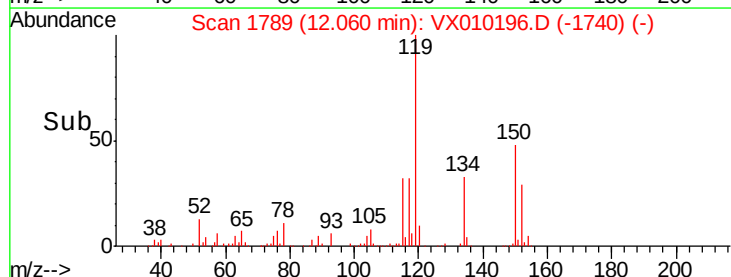
150000

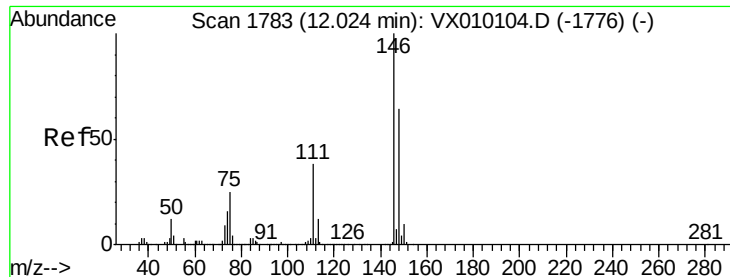
100000

50000

0

Time--> 12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 18.635 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

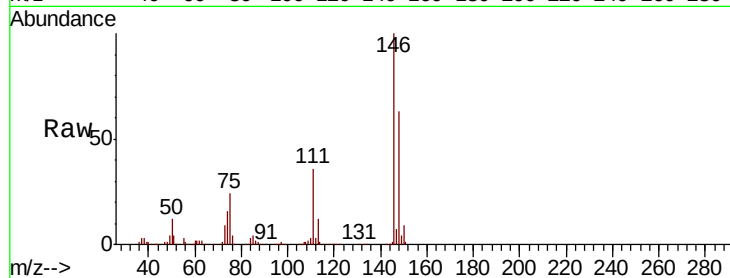
Tot Ion:146 Resp: 110677

Ion Ratio Lower Upper

146 100

111 36.8 20.1 60.2

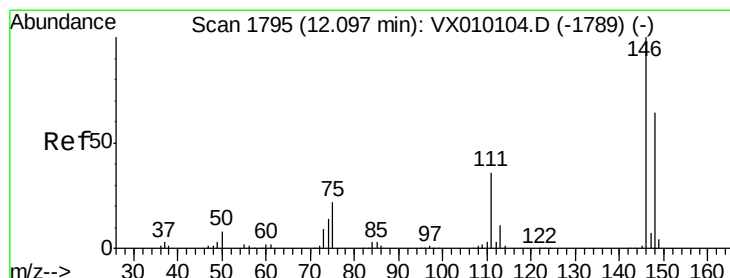
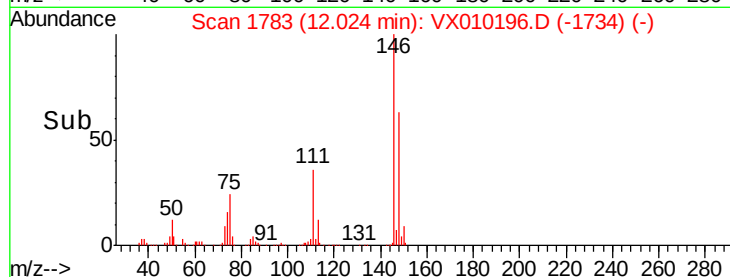
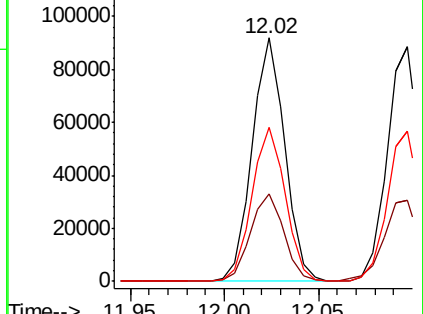
148 64.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.558 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

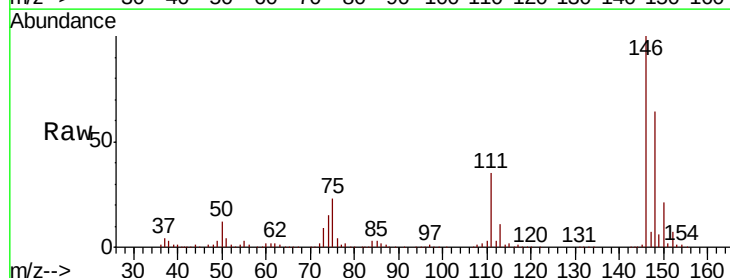
Tgt Ion:146 Resp: 111103

Ion Ratio Lower Upper

146 100

111 36.7 20.0 59.9

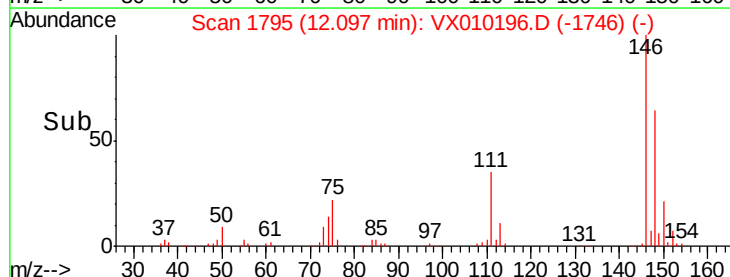
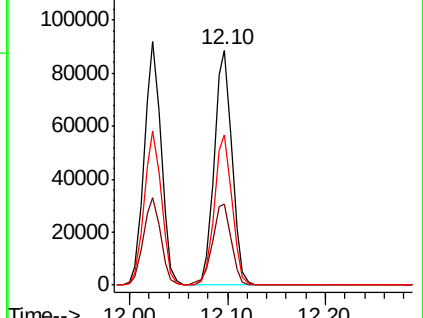
148 64.1 32.3 96.9

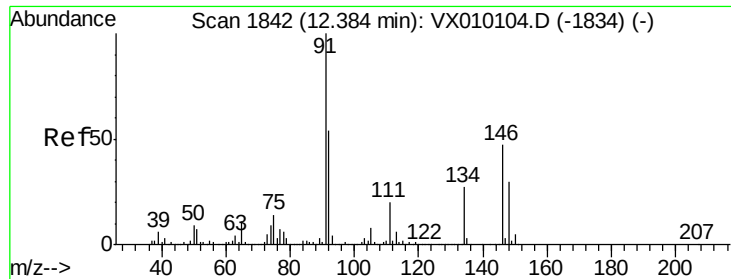


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

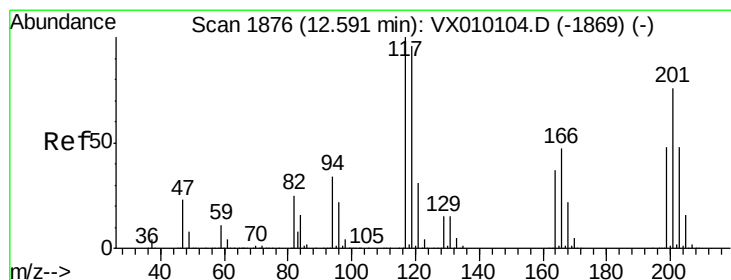
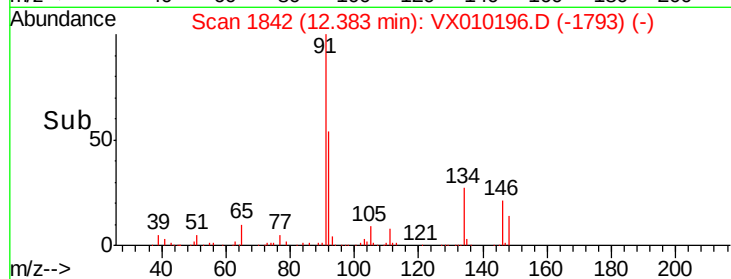
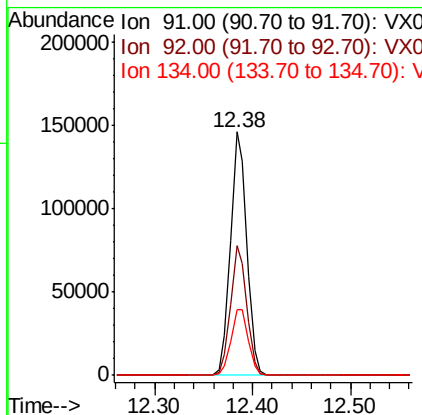
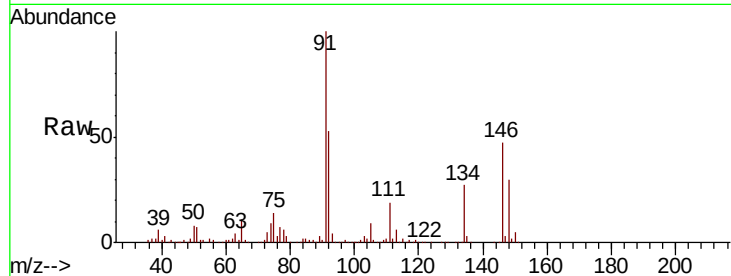




#89
n-Butylbenzene
Concen: 17.708 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

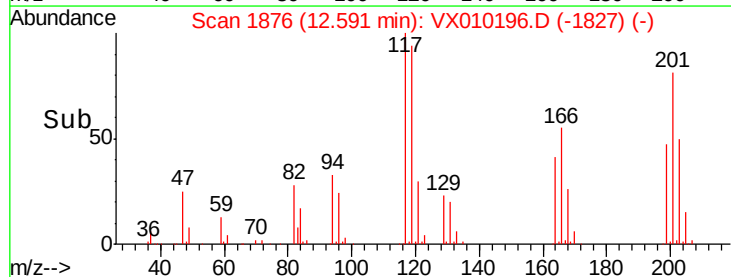
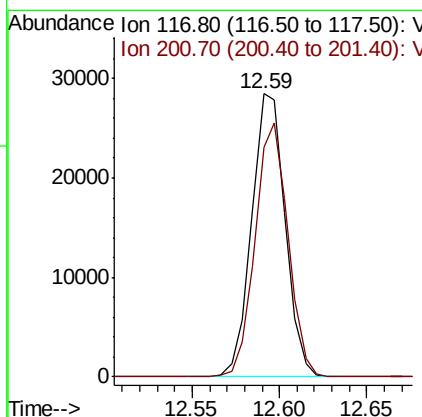
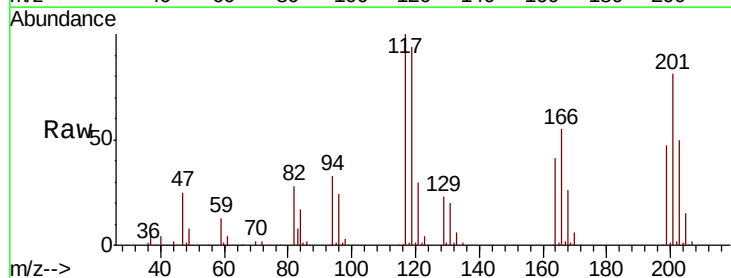
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS03

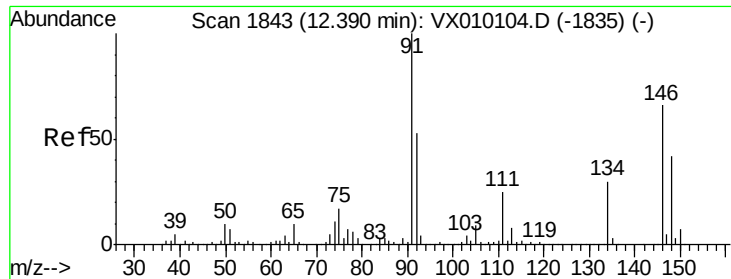
Tot Ion: 91 Resp: 169688
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.8
134 28.8 12.3 36.8



#90
Hexachloroethane
Concen: 17.226 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010196.D
Acq: 10 Jun 2019 23:33

Tgt Ion: 117 Resp: 38202
Ion Ratio Lower Upper
117 100
201 88.1 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 19.124 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

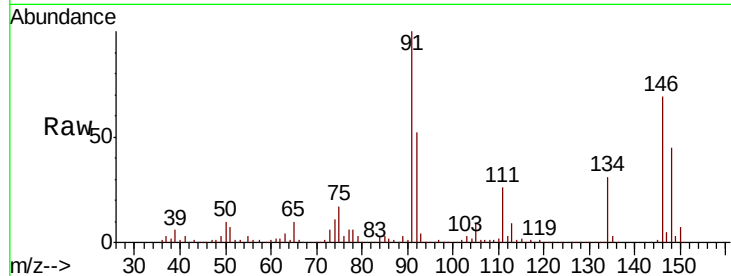
Tot Ion:146 Resp: 110421

Ion Ratio Lower Upper

146 100

111 38.5 21.1 63.1

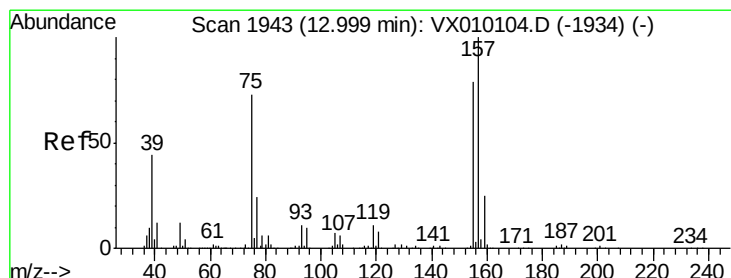
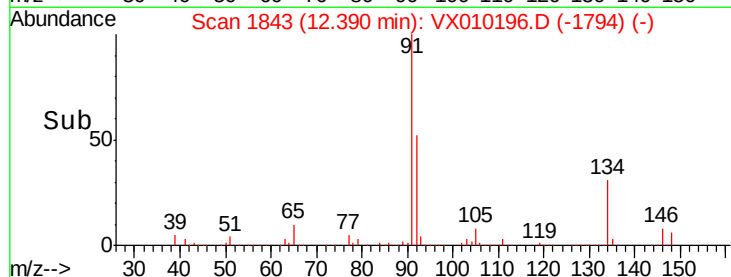
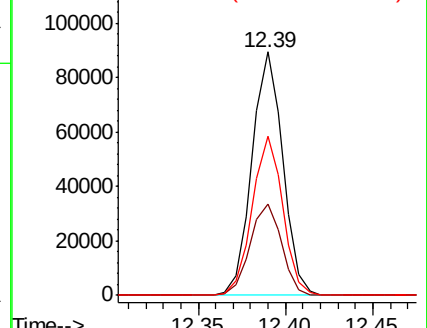
148 64.8 32.3 96.8



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: 17.569 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

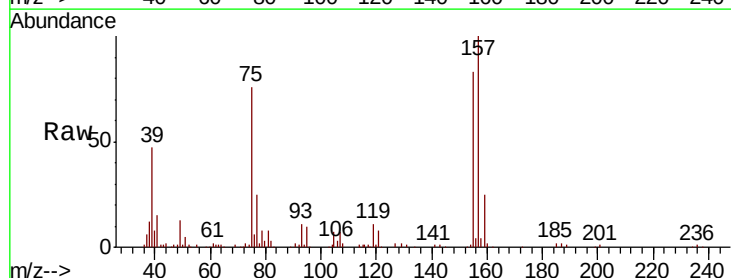
Tgt Ion: 75 Resp: 17352

Ion Ratio Lower Upper

75 100

155 108.5 39.3 117.8

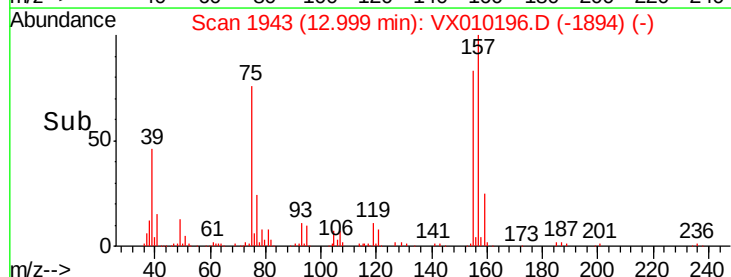
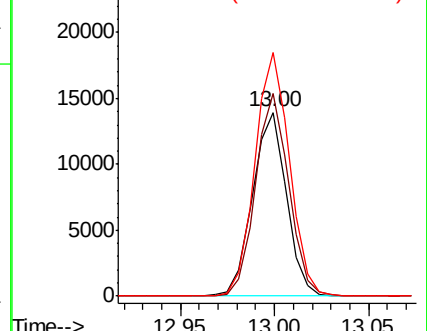
157 134.7 50.6 151.8

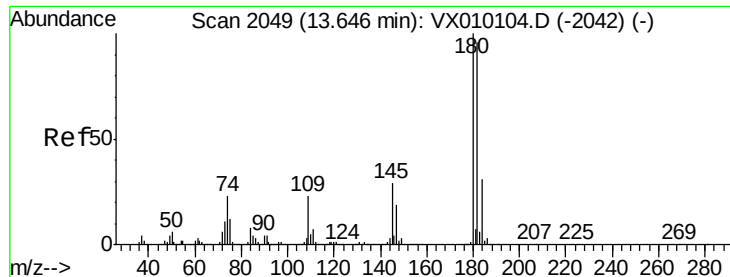


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

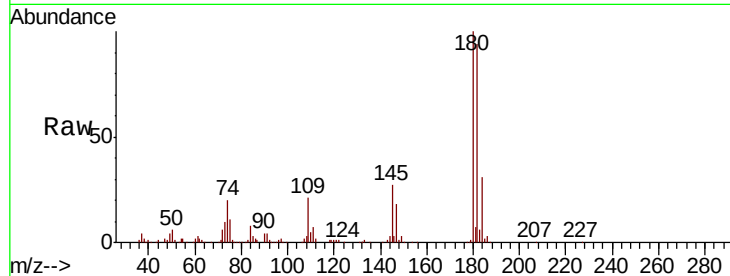




#93
 1,2,4-Trichlorobenzene
 Concen: 18.248 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS03

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	28.2	14.5	43.5

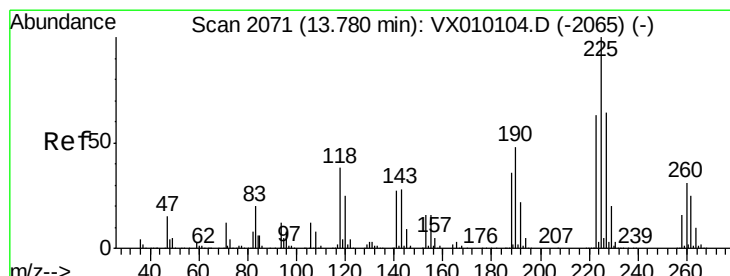
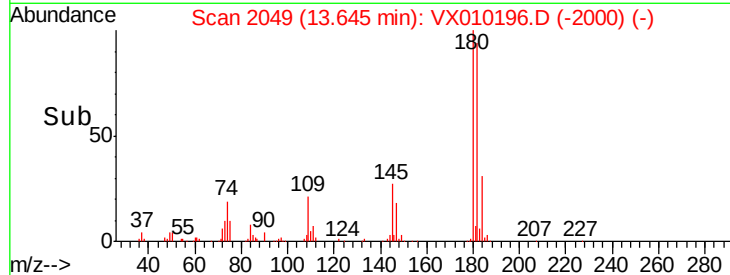
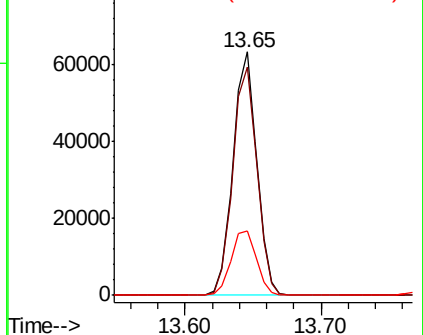


Abundance

Ion 179.80 (179.50 to 180.50): V

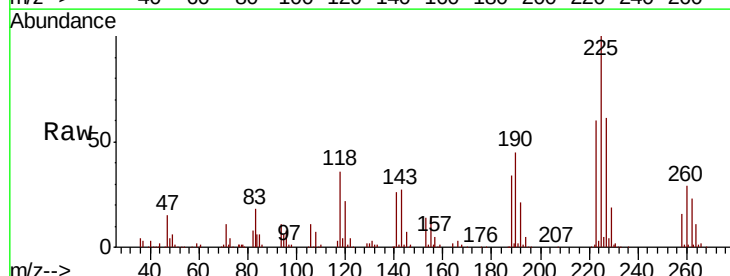
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.088 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010196.D
 Acq: 10 Jun 2019 23:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.3	93.8
227	62.2	32.3	96.8

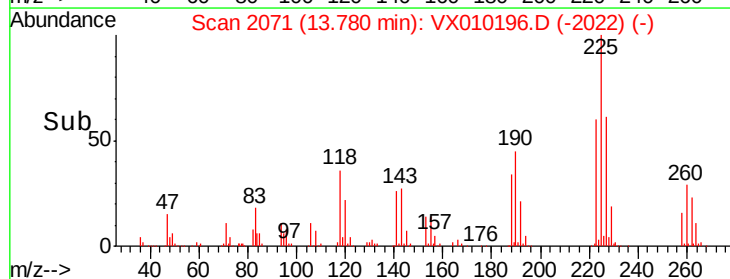
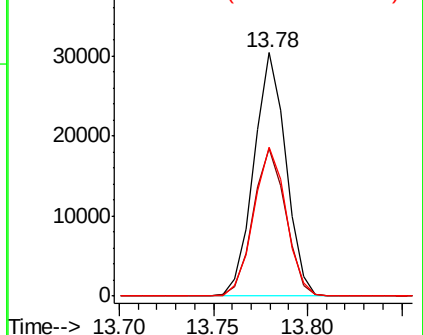


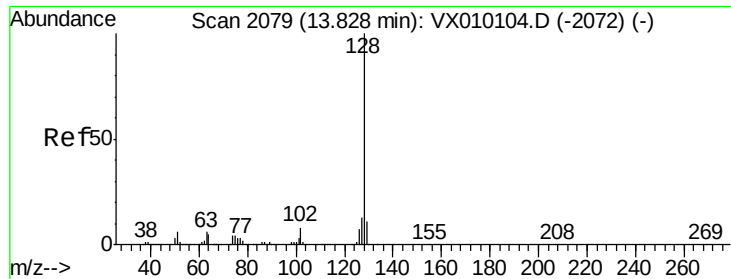
Abundance

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: 18.653 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0610WBS03

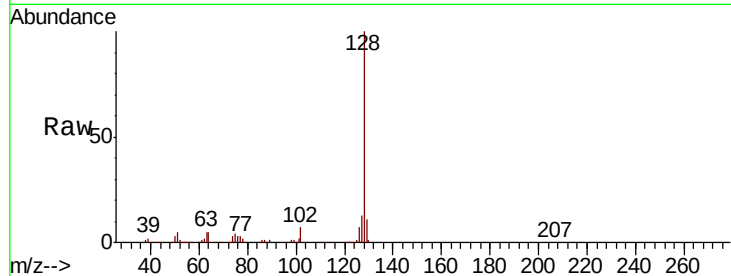
Tot Ion:128 Resp: 248161

Ion Ratio Lower Upper

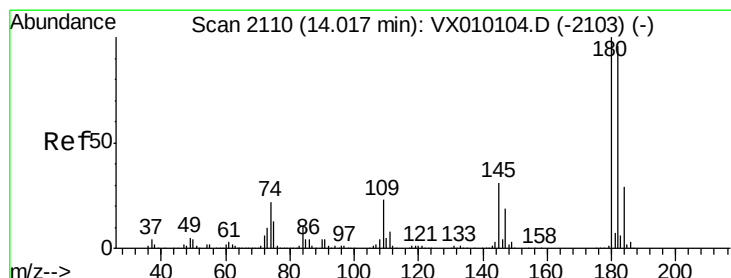
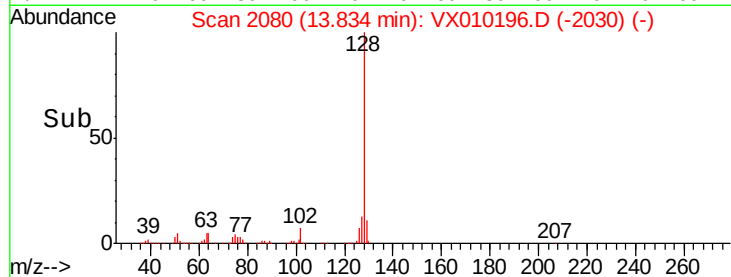
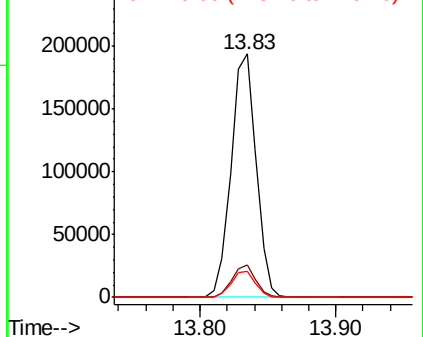
128 100

127 12.6 10.6 16.0

129 10.7 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 18.244 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010196.D

Acq: 10 Jun 2019 23:33

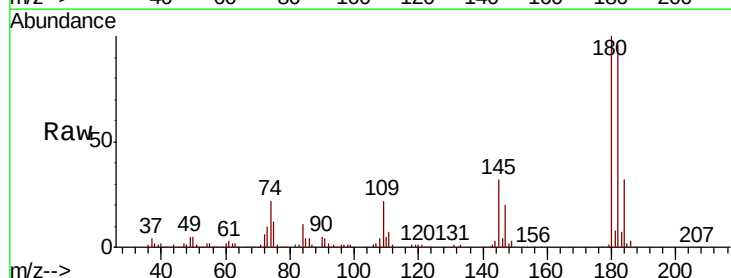
Tgt Ion:180 Resp: 76240

Ion Ratio Lower Upper

180 100

182 95.0 47.3 142.0

145 31.5 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

