

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004790.D
 Acq On : 27 Sep 2018 23:17
 Operator : JC/MD
 Sample : VX0927WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Quant Time: Sep 28 06:01:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174653	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	138794	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
50) Toluene-d8	8.71	98	538429	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
62) 4-Bromofluorobenzene	11.14	95	194751	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78542	24.655	ug/l	97
3) Chloromethane	1.32	50	85129	22.026	ug/l	99
4) Vinyl Chloride	1.40	62	82248	22.689	ug/l	99
5) Bromomethane	1.64	94	39267	18.268	ug/l	99
6) Chloroethane	1.71	64	47109	22.570	ug/l	99
7) Trichlorofluoromethane	1.93	101	102599	22.863	ug/l	96
8) Diethyl Ether	2.19	74	41604	21.340	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57134	22.350	ug/l	98
10) Methyl Iodide	2.51	142	33404	9.765	ug/l	99
11) Tert butyl alcohol	3.07	59	99312	106.419	ug/l	100
12) 1,1-Dichloroethene	2.37	96	55041	21.742	ug/l	95
13) Acrolein	2.29	56	57658	86.837	ug/l	95
14) Allyl chloride	2.73	41	121919	22.072	ug/l	95
15) Acrylonitrile	3.15	53	224848	109.449	ug/l	98
16) Acetone	2.45	43	198107	101.670	ug/l	96
17) Carbon Disulfide	2.57	76	162872	21.411	ug/l	99
18) Methyl Acetate	2.78	43	113510	22.992	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	199247	22.817	ug/l	98
20) Methylene Chloride	2.85	84	64793	22.407	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	58749	21.199	ug/l	92
22) Diisopropyl ether	3.87	45	205905	22.137	ug/l	94
23) Vinyl Acetate	3.82	43	918172	107.841	ug/l	95
24) 1,1-Dichloroethane	3.70	63	112363	20.251	ug/l	98
25) 2-Butanone	4.70	43	299425	104.249	ug/l	94
26) 2,2-Dichloropropane	4.58	77	68989	17.856	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63337	20.459	ug/l	95
28) Bromochloromethane	5.02	49	53608	20.517	ug/l	87
29) Tetrahydrofuran	5.15	42	197301	110.522	ug/l	92
30) Chloroform	5.21	83	109184	20.822	ug/l	98
31) Cyclohexane	5.57	56	97105	22.867	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	93291	21.784	ug/l	98
36) 1,1-Dichloropropene	5.80	75	81526	19.679	ug/l	99
37) Ethyl Acetate	4.86	43	107524	19.553	ug/l	99
38) Carbon Tetrachloride	5.78	117	80079	18.389	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Quant Time: Sep 28 06:01:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89365	21.126	ug/l	94
40) Benzene	6.14	78	248613	19.169	ug/l	99
41) Methacrylonitrile	5.06	41	59372	19.469	ug/l	96
42) 1,2-Dichloroethane	6.20	62	88950	19.401	ug/l	98
43) Isopropyl Acetate	6.46	43	153742	19.370	ug/l	96
44) Trichloroethene	7.21	130	65002	20.388	ug/l	93
45) 1,2-Dichloropropane	7.51	63	65865	20.709	ug/l	99
46) Dibromomethane	7.66	93	42385	21.205	ug/l	97
47) Bromodichloromethane	7.90	83	79406	21.218	ug/l	97
48) Methyl methacrylate	7.77	41	80928	22.464	ug/l	94
49) 1,4-Dioxane	7.76	88	37319	416.971	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	566395	113.335	ug/l	93
52) Toluene	8.79	92	153500	21.539	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	84402	19.958	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	94527	21.340	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	63983	20.496	ug/l	96
56) Ethyl methacrylate	9.18	69	94604	20.469	ug/l	93
57) 1,3-Dichloropropane	9.37	76	107506	20.692	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	273265	110.049	ug/l	94
59) 2-Hexanone	9.50	43	440238	105.711	ug/l	93
60) Dibromochloromethane	9.59	129	61976	19.852	ug/l	100
61) 1,2-Dibromoethane	9.67	107	66233	19.812	ug/l	99
64) Tetrachloroethene	9.34	164	63276	18.824	ug/l	93
65) Chlorobenzene	10.14	112	169635	19.369	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	59211	19.231	ug/l	99
67) Ethyl Benzene	10.26	91	279902	20.130	ug/l	98
68) m/p-Xylenes	10.36	106	221851	40.831	ug/l	94
69) o-Xylene	10.70	106	106604	21.361	ug/l	97
70) Styrene	10.71	104	177886	20.383	ug/l	97
71) Bromoform	10.86	173	49573	18.806	ug/l #	98
73) Isopropylbenzene	11.02	105	285602	22.230	ug/l	99
74) N-amyl acetate	10.90	43	136707	20.430	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	102819	19.660	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	115496	25.281	ug/l	89
77) Bromobenzene	11.26	156	77034	20.643	ug/l	97
78) n-propylbenzene	11.36	91	330294	22.406	ug/l	98
79) 2-Chlorotoluene	11.42	91	199197	21.679	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239130	20.190	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	25466	16.586	ug/l	97
82) 4-Chlorotoluene	11.51	91	233120	21.555	ug/l	100
83) tert-Butylbenzene	11.77	119	232695	21.998	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	250134	20.481	ug/l	98
85) sec-Butylbenzene	11.94	105	283726	22.021	ug/l	98
86) p-Isopropyltoluene	12.07	119	254531	21.805	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	140468	20.159	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	143435	19.941	ug/l	98
89) n-Butylbenzene	12.39	91	219569	20.711	ug/l	97
90) Hexachloroethane	12.60	117	38926	20.028	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	141977	19.497	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23035	20.060	ug/l	97

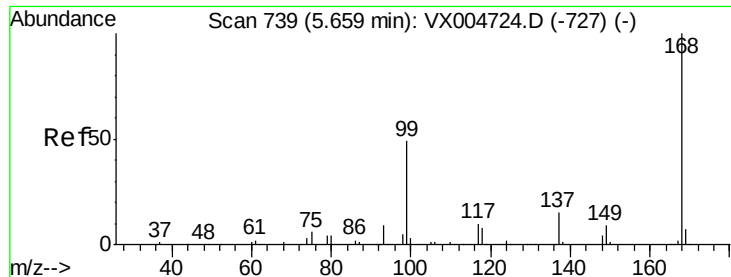
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
Data File : VX004790.D
Acq On : 27 Sep 2018 23:17
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MSVOA_X
ClientSampleId :
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Quant Time: Sep 28 06:01:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101886	19.946	ug/l	98
94) Hexachlorobutadiene	13.79	225	48924	18.470	ug/l	96
95) Naphthalene	13.83	128	326142	19.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107080	20.293	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

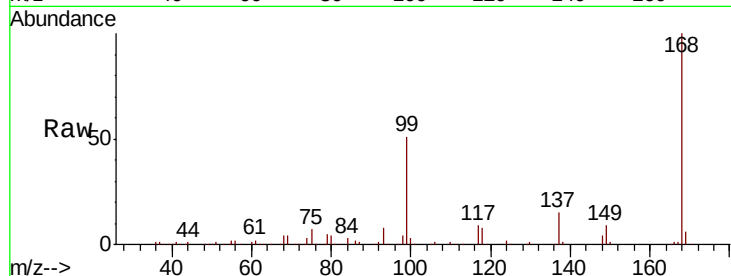
VX0927WBS02

Tot Ion:168 Resp: 233641

Ion Ratio Lower Upper

168 100

99 51.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

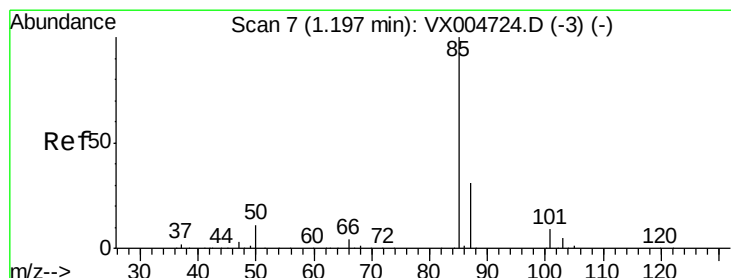
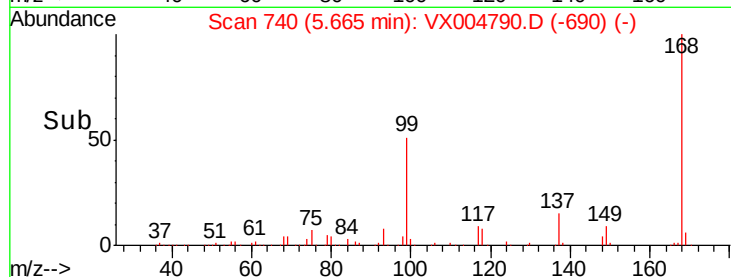
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 24.655 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004790.D

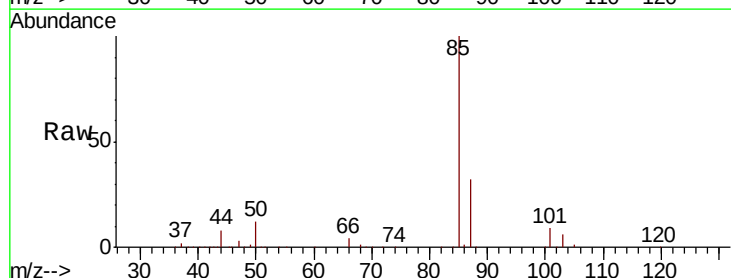
Acq: 27 Sep 2018 23:17

Tgt Ion: 85 Resp: 78542

Ion Ratio Lower Upper

85 100

87 32.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

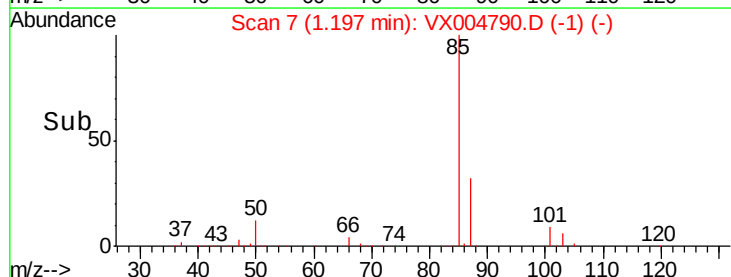
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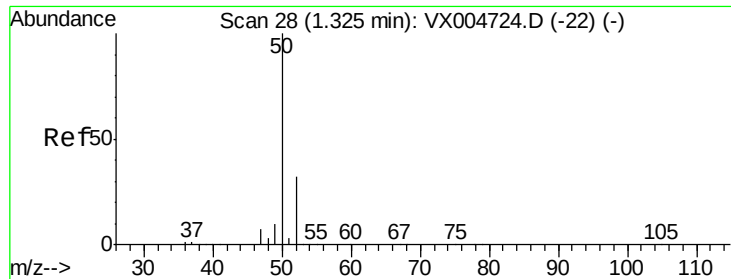
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 22.026 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

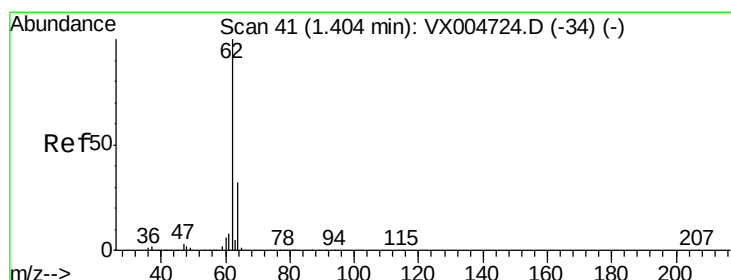
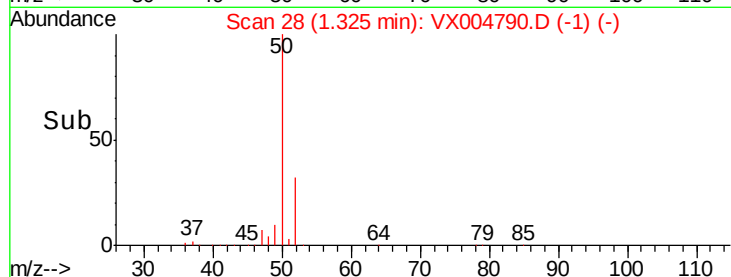
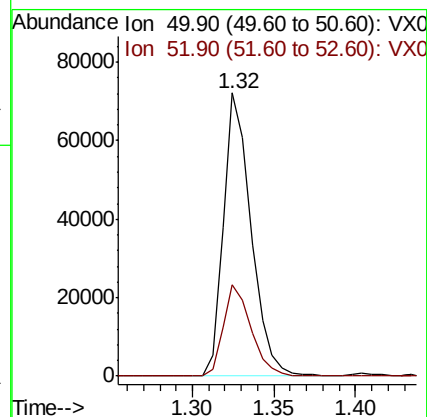
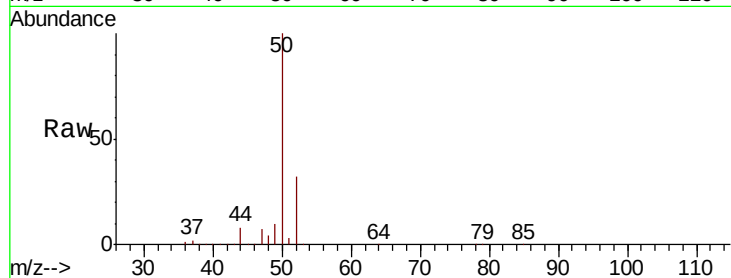
VX0927WBS02

Tot Ion: 50 Resp: 85129

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 22.689 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004790.D

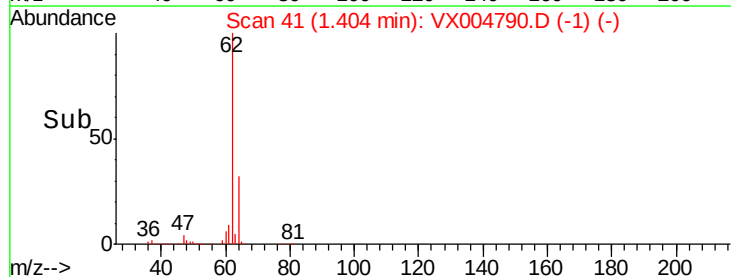
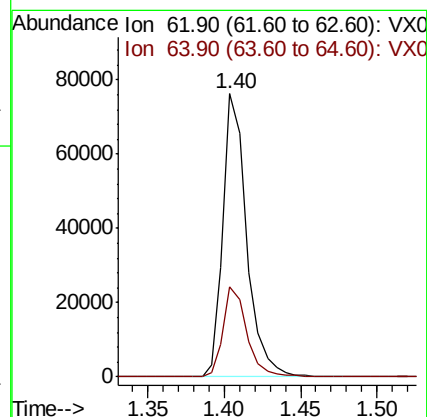
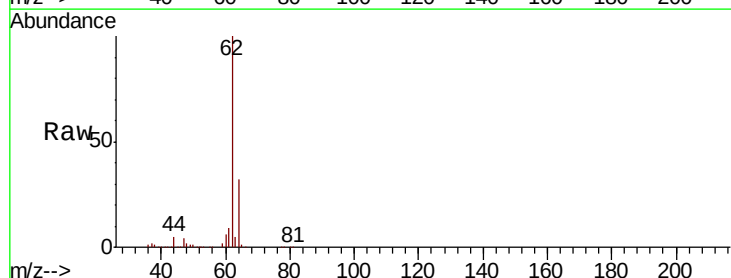
Acq: 27 Sep 2018 23:17

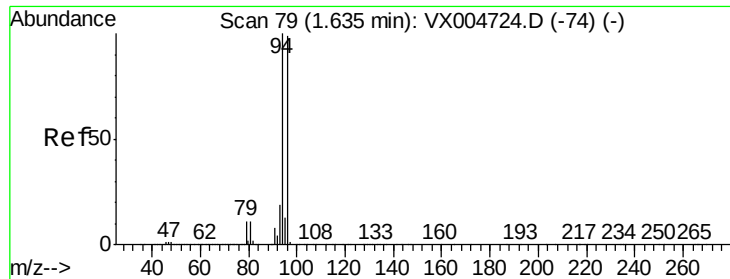
Tgt Ion: 62 Resp: 82248

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 18.268 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

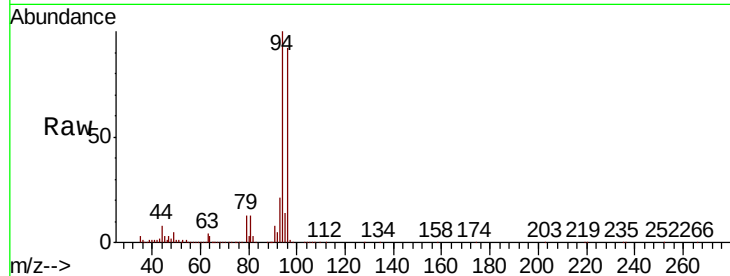
VX0927WBS02

Tot Ion: 94 Resp: 39267

Ion Ratio Lower Upper

94 100

96 91.7 74.5 111.7

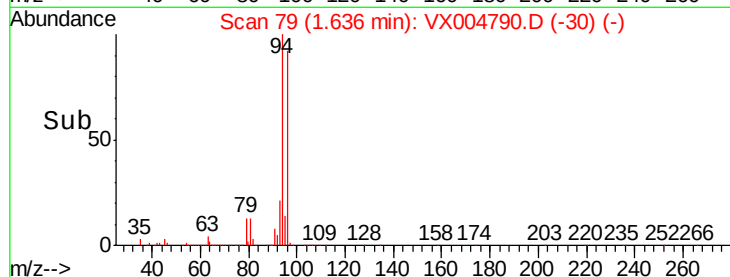


Abundance Ion 93.90 (93.60 to 94.60): VX0

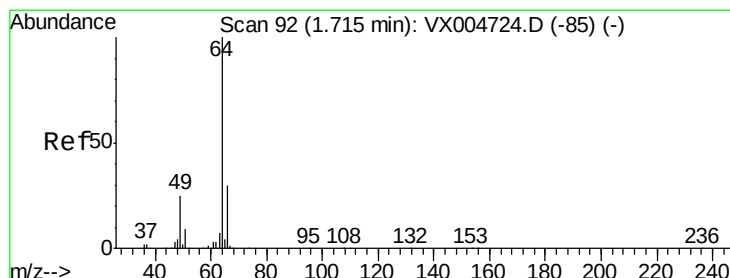
Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



Time-->



#6

Chloroethane

Concen: 22.570 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004790.D

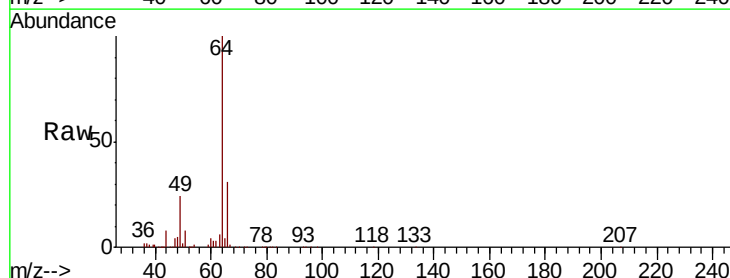
Acq: 27 Sep 2018 23:17

Tgt Ion: 64 Resp: 47109

Ion Ratio Lower Upper

64 100

66 31.3 24.6 36.8

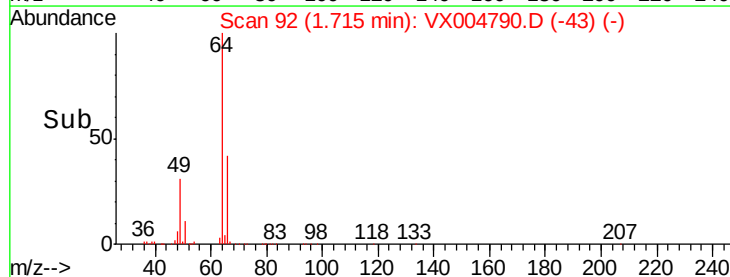


Abundance Ion 63.90 (63.60 to 64.60): VX0

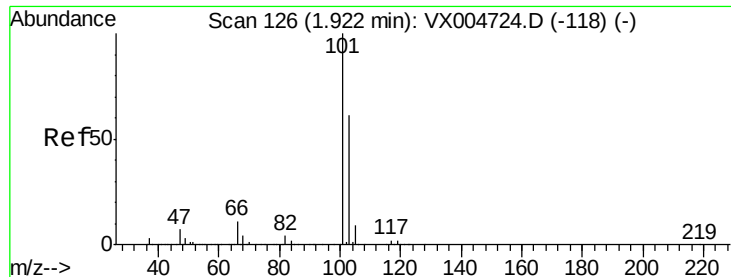
Ion 65.90 (65.60 to 66.60): VX0

1.71

Time-->



Time-->

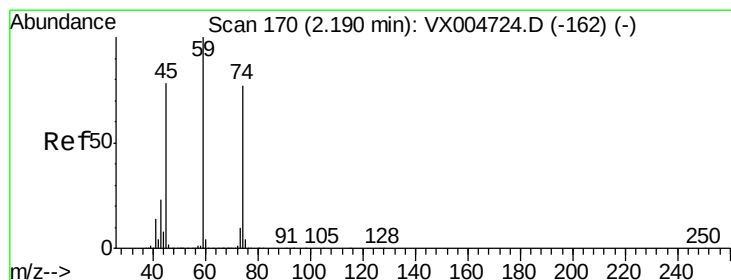
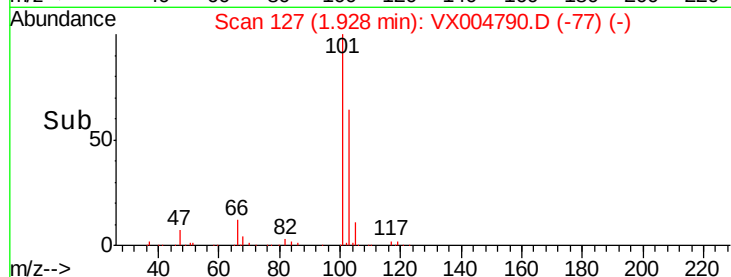
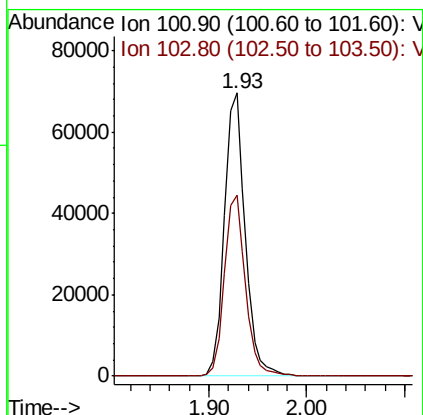
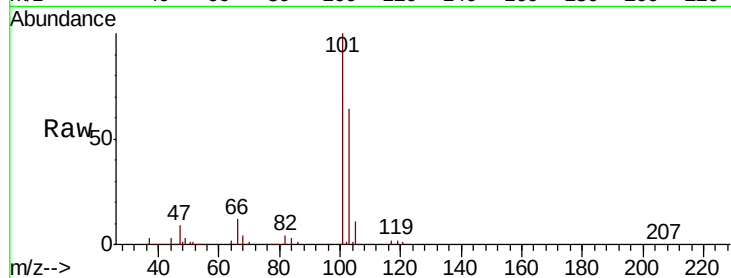


#7

Trichlorofluoromethane
 Concen: 22.863 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

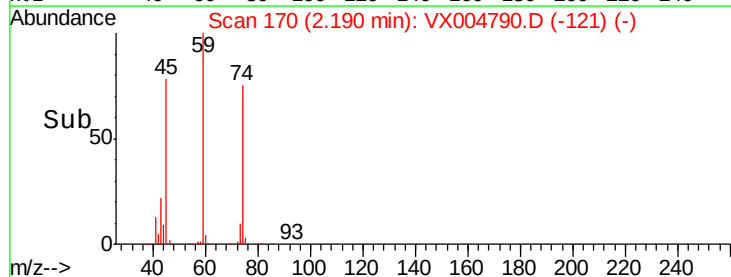
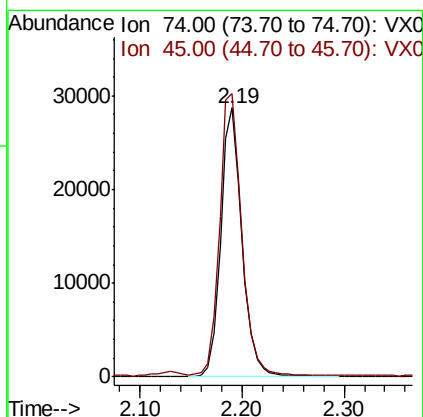
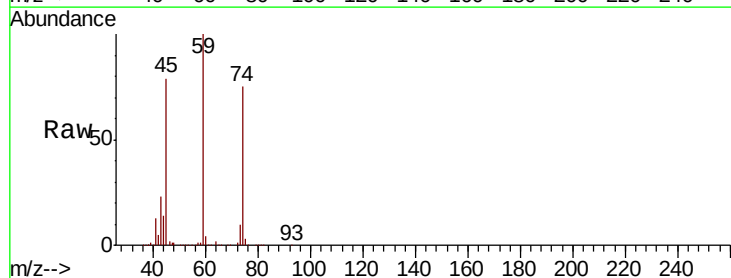
Tot Ion:101 Resp: 102599
 Ion Ratio Lower Upper
 101 100
 103 63.9 48.9 73.3

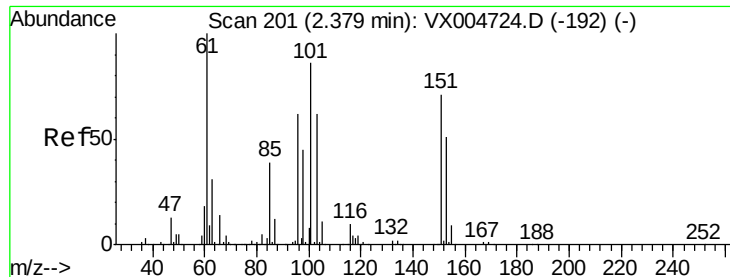


#8

Diethyl Ether
 Concen: 21.340 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion: 74 Resp: 41604
 Ion Ratio Lower Upper
 74 100
 45 109.4 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.350 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

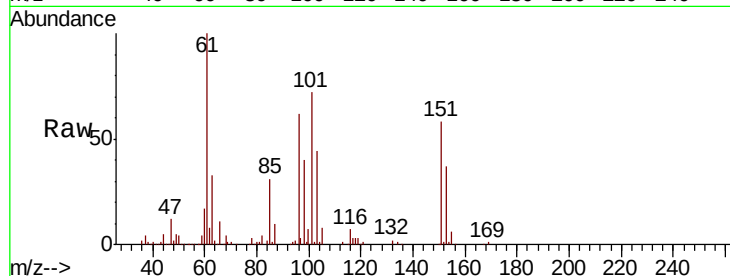
Tot Ion:101 Resp: 57134

Ion Ratio Lower Upper

101 100

85 44.4 34.2 51.4

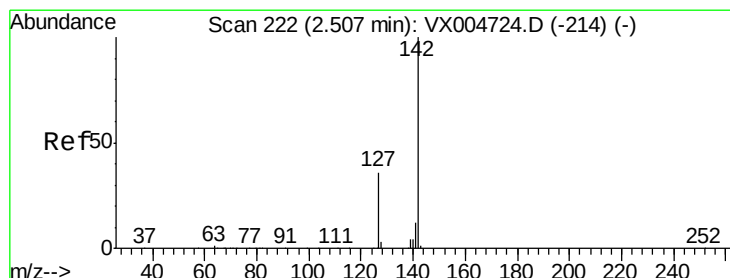
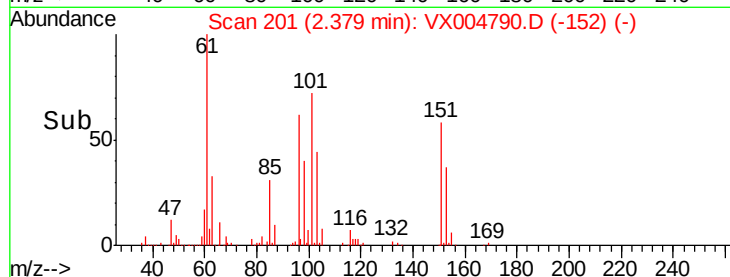
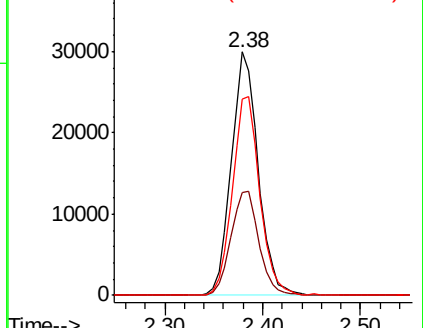
151 83.2 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.765 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

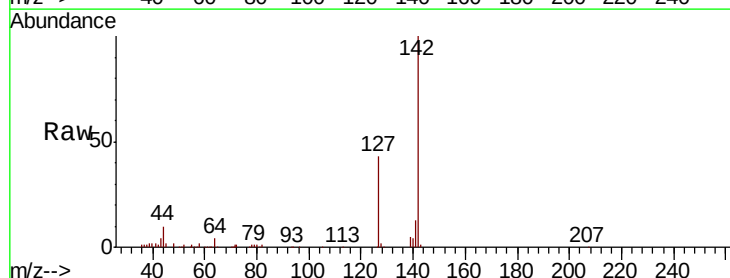
Tgt Ion:142 Resp: 33404

Ion Ratio Lower Upper

142 100

127 42.9 33.8 50.6

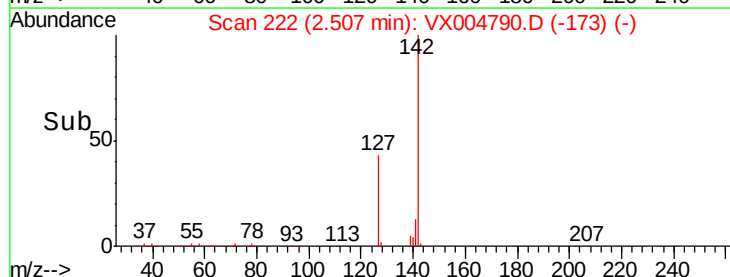
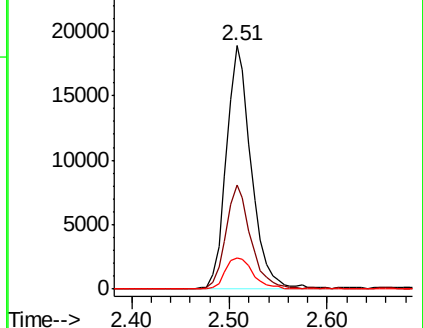
141 14.2 11.4 17.0

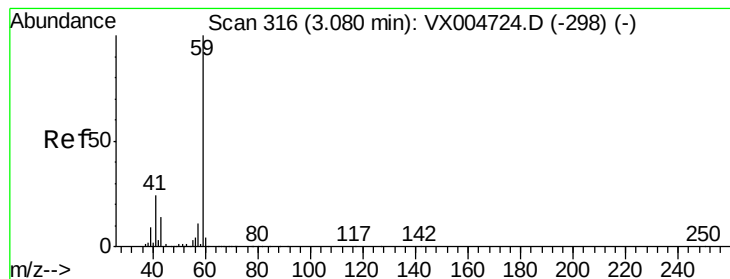


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



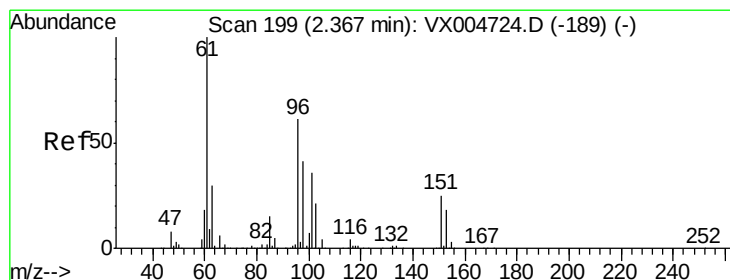
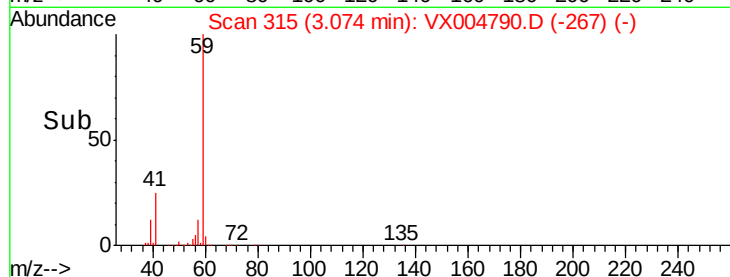
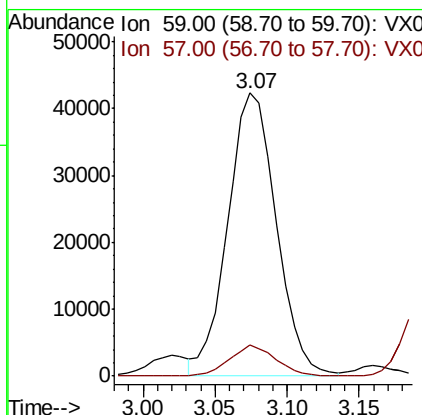
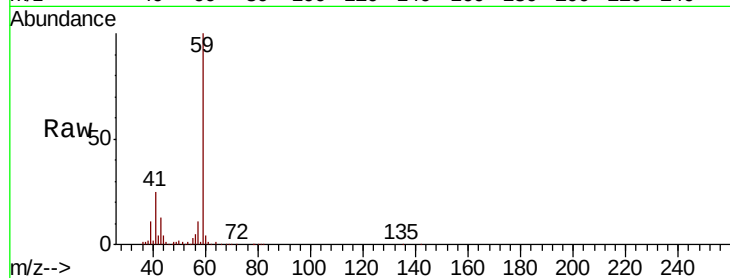


#11

Tert butyl alcohol
 Concen: 106.419 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

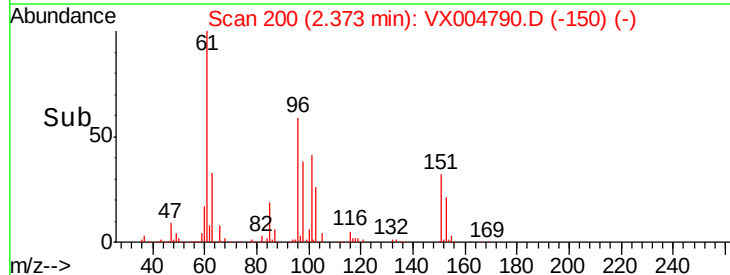
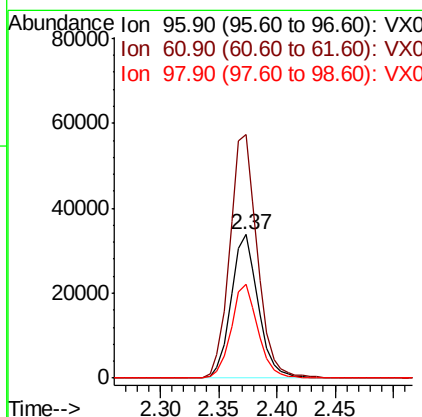
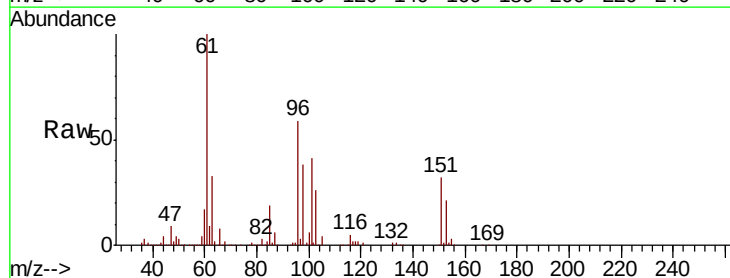
Tot Ion: 59 Resp: 99312
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

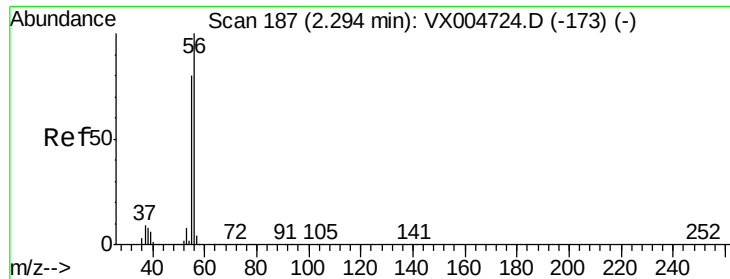


#12

1,1-Dichloroethene
 Concen: 21.742 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion: 96 Resp: 55041
 Ion Ratio Lower Upper
 96 100
 61 169.5 128.8 193.2
 98 65.1 52.2 78.2





#13

Acrolein

Concen: 86.837 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

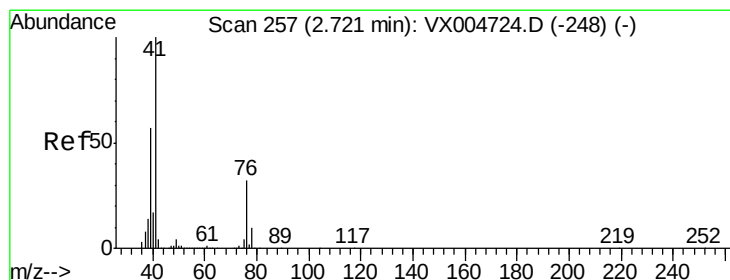
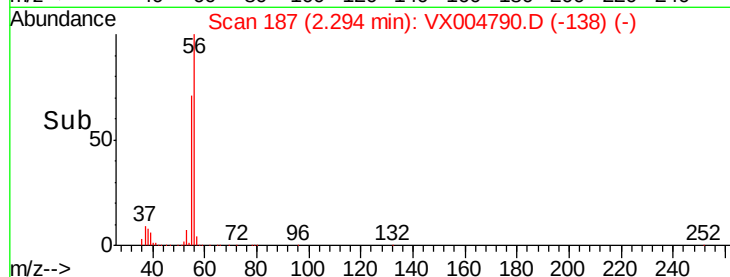
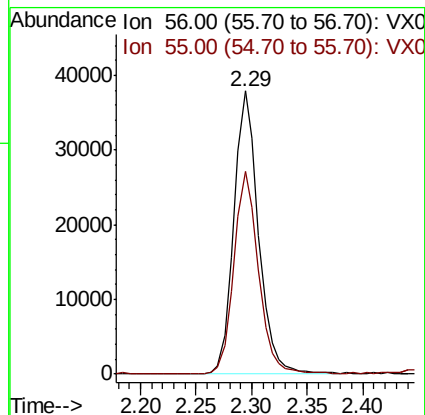
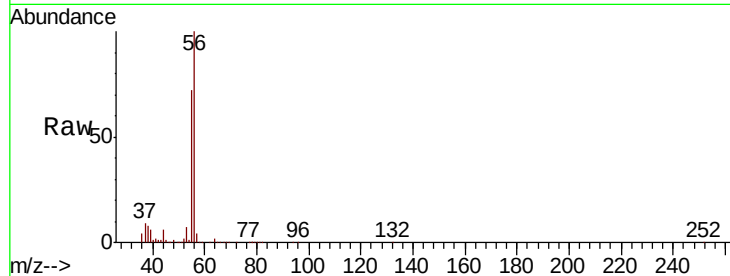
VX0927WBS02

Tot Ion: 56 Resp: 57658

Ion Ratio Lower Upper

56 100

55 72.3 54.7 82.1



#14

Allyl chloride

Concen: 22.072 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

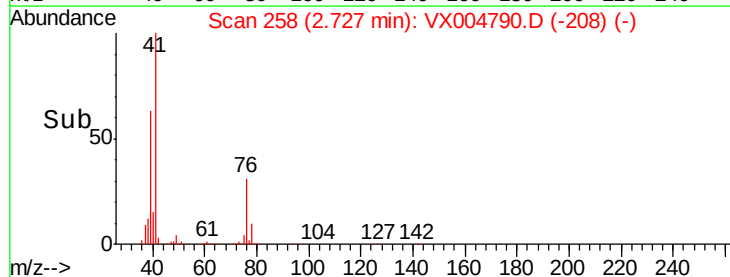
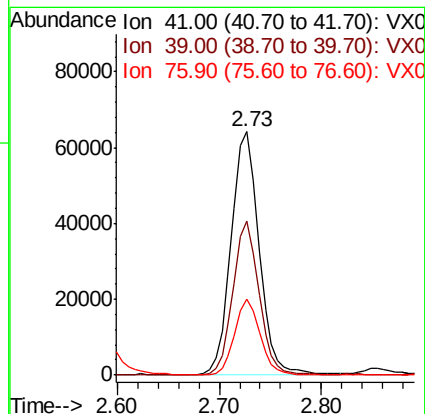
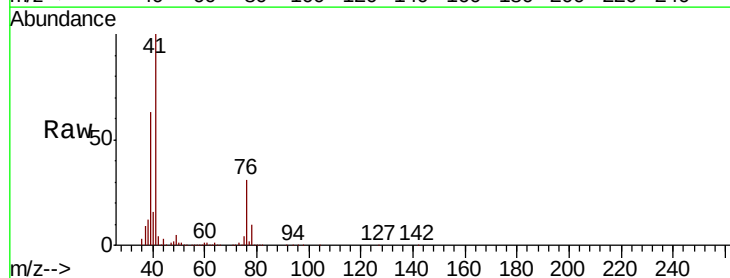
Tgt Ion: 41 Resp: 121919

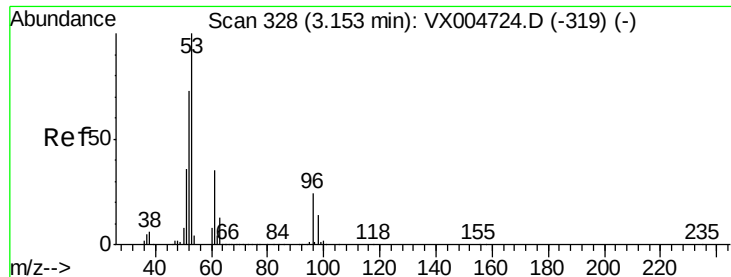
Ion Ratio Lower Upper

41 100

39 58.6 48.9 73.3

76 28.7 26.7 40.1





#15

Acrylonitrile

Concen: 109.449 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS02

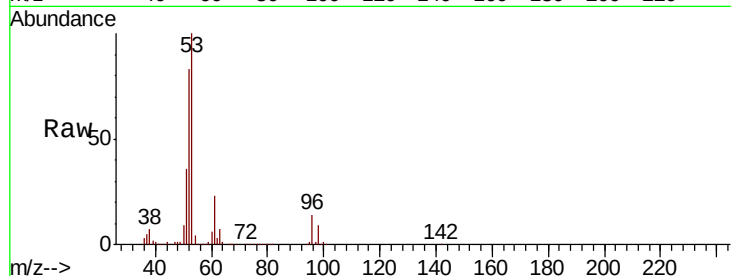
Tot Ion: 53 Resp: 224848

Ion Ratio Lower Upper

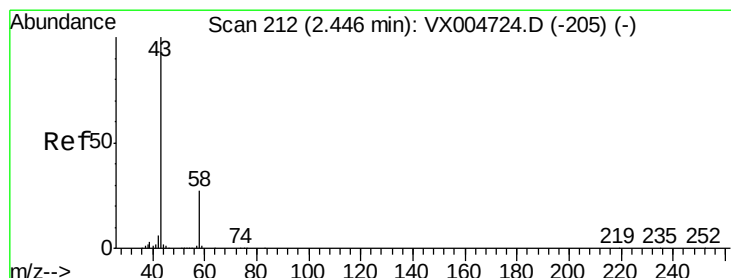
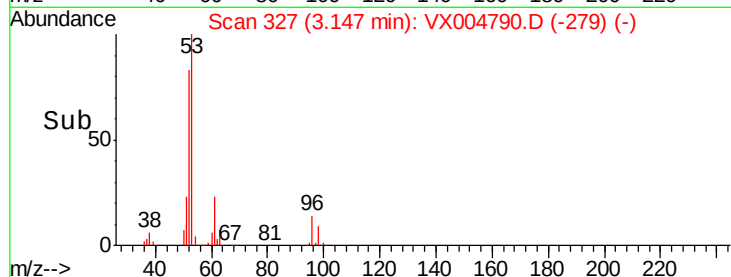
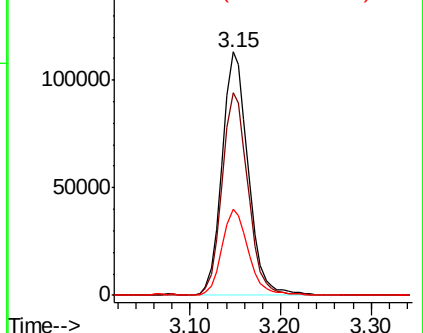
53 100

52 83.2 65.2 97.8

51 36.4 28.2 42.2



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: 101.670 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004790.D

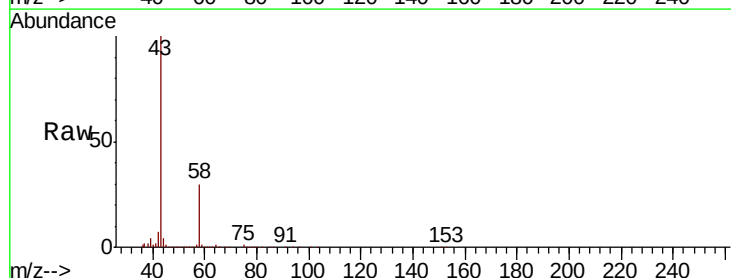
Acq: 27 Sep 2018 23:17

Tgt Ion: 43 Resp: 198107

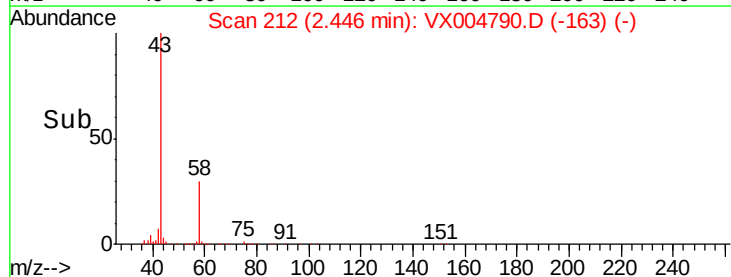
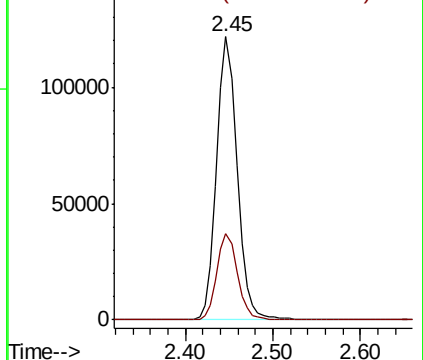
Ion Ratio Lower Upper

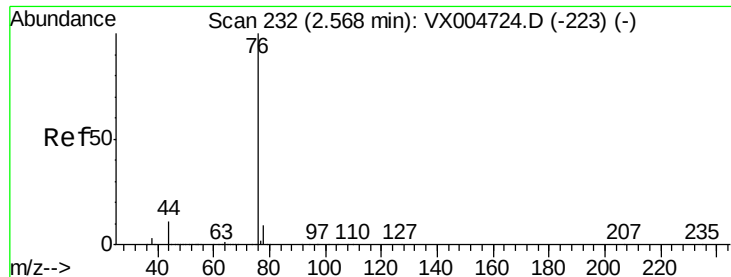
43 100

58 30.5 26.2 39.4



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





#17

Carbon Disulfide

Concen: 21.411 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

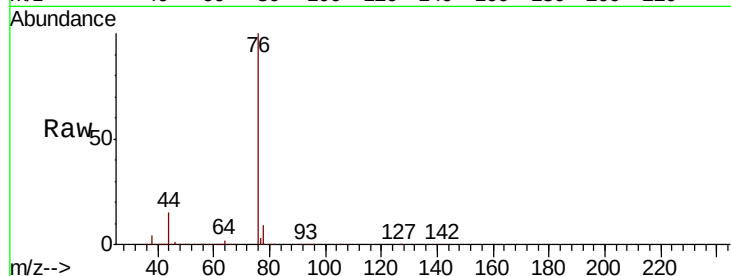
VX0927WBS02

Tot Ion: 76 Resp: 162872

Ion Ratio Lower Upper

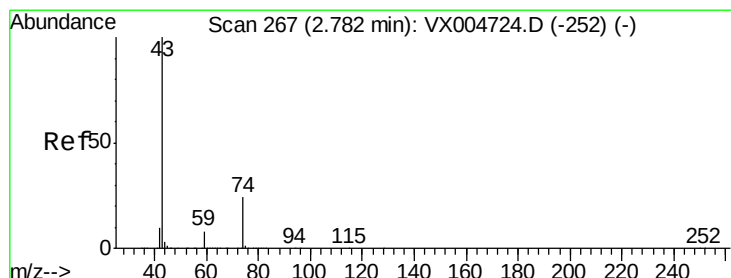
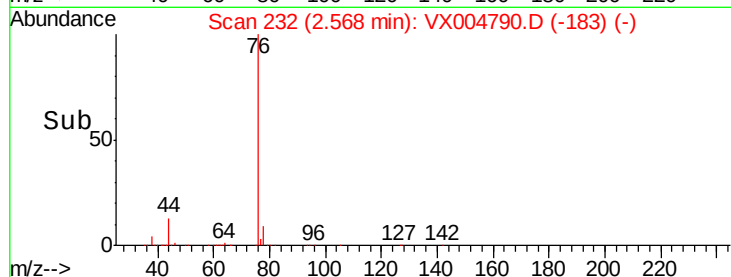
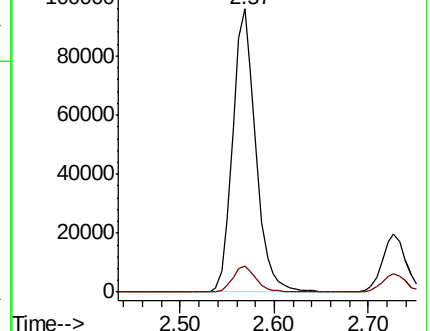
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.992 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004790.D

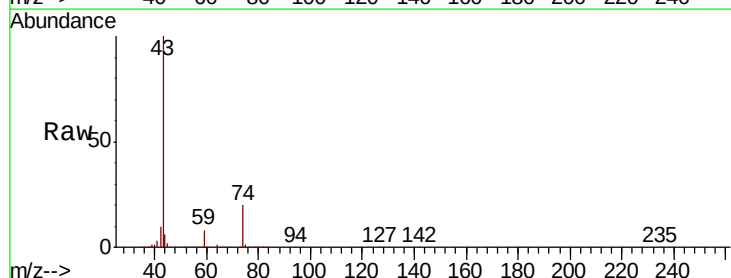
Acq: 27 Sep 2018 23:17

Tgt Ion: 43 Resp: 113510

Ion Ratio Lower Upper

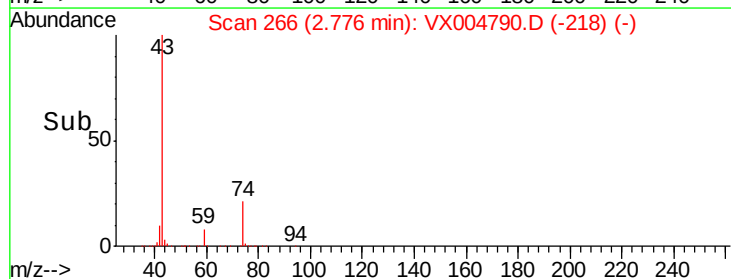
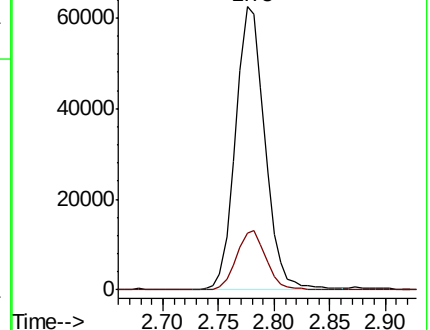
43 100

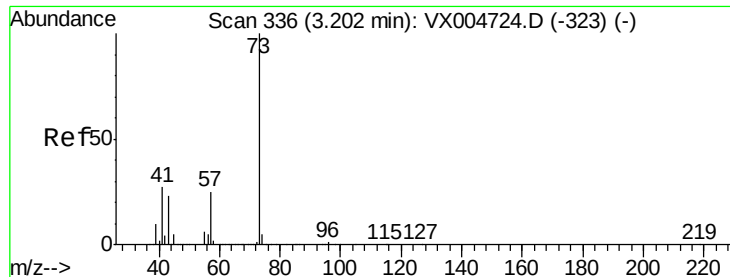
74 21.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



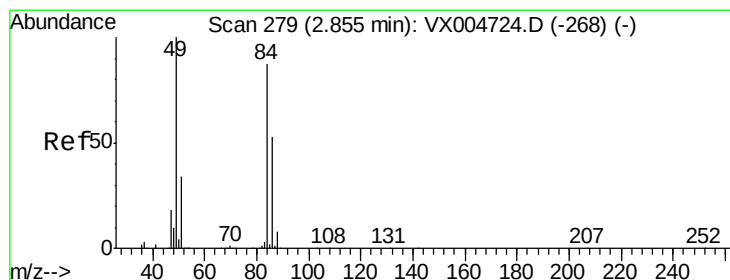
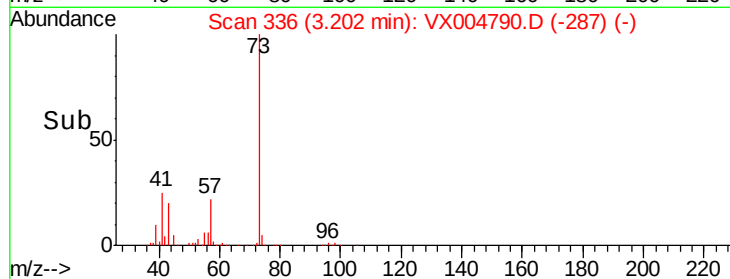
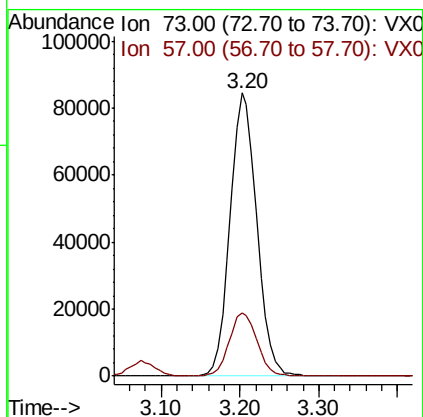
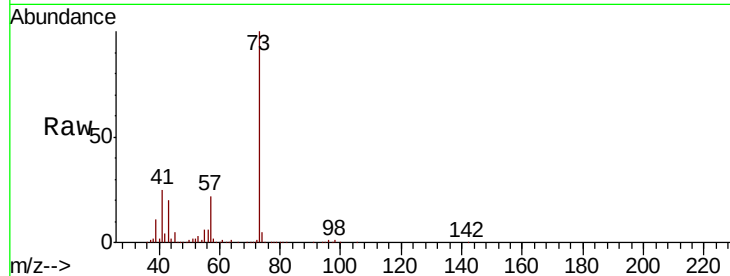


#19

Methyl tert-butyl Ether
 Concen: 22.817 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

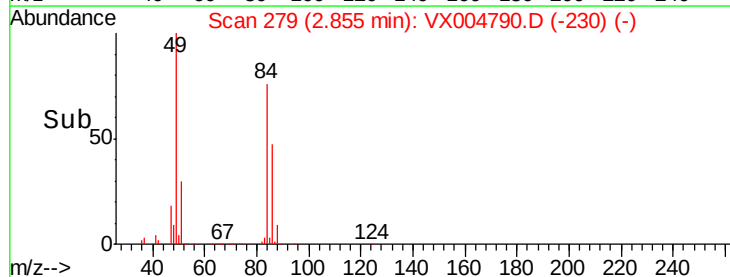
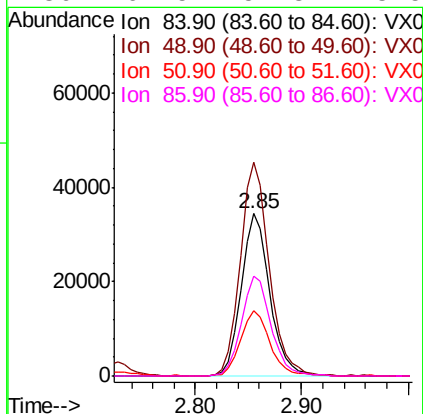
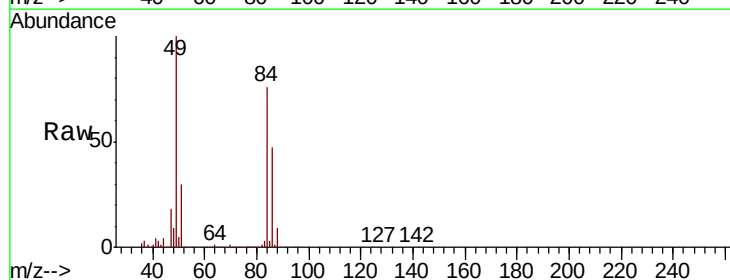
Tot Ion: 73 Resp: 199247
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.1 25.7

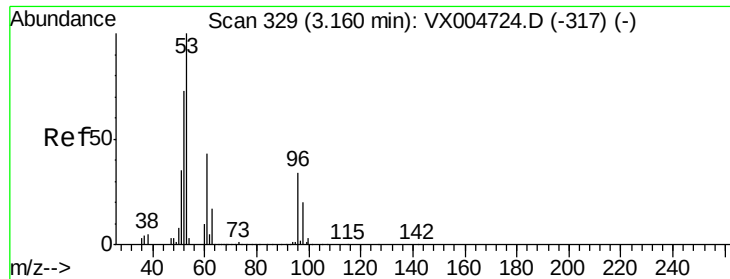


#20

Methylene Chloride
 Concen: 22.407 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion: 84 Resp: 64793
 Ion Ratio Lower Upper
 84 100
 49 131.6 101.2 151.8
 51 39.8 29.5 44.3
 86 61.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.199 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

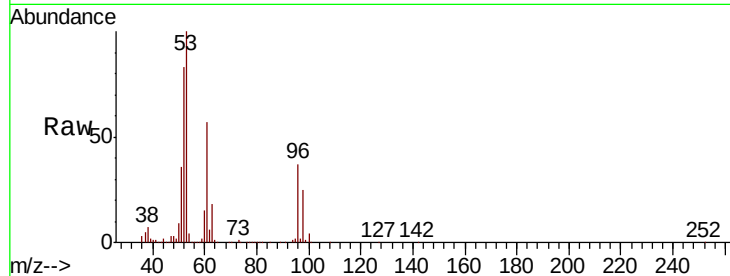
Tot Ion: 96 Resp: 58749

Ion Ratio Lower Upper

96 100

61 154.6 113.8 170.6

98 66.7 51.8 77.8

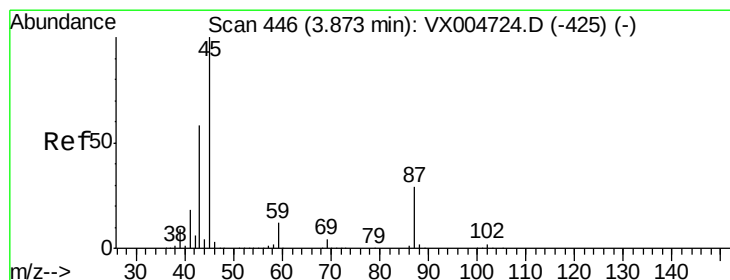
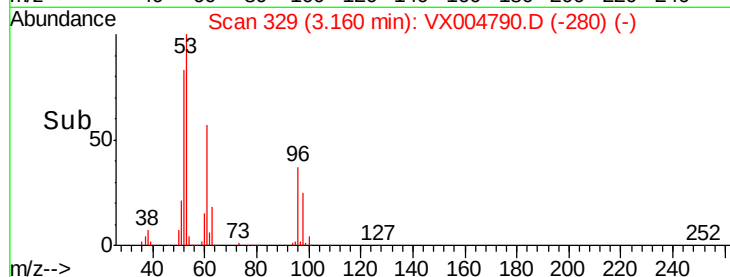
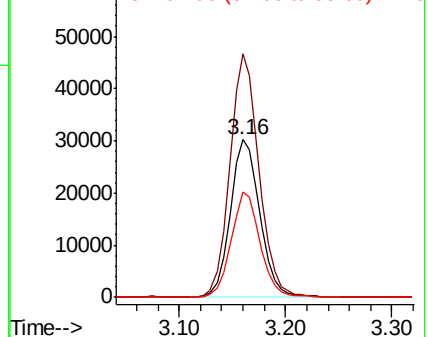


Abundance

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: 22.137 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion: 45 Resp: 205905

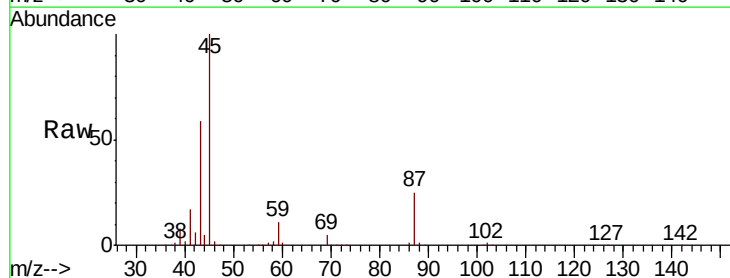
Ion Ratio Lower Upper

45 100

43 58.6 42.8 64.2

87 25.5 22.6 34.0

59 11.1 9.6 14.4



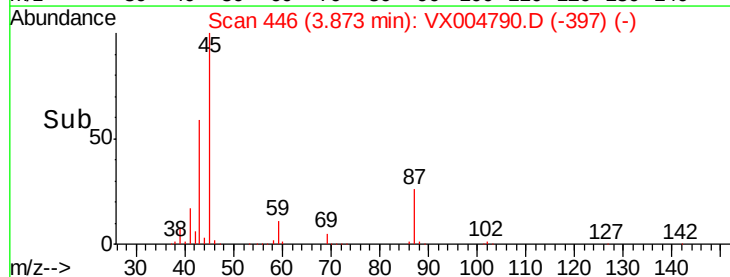
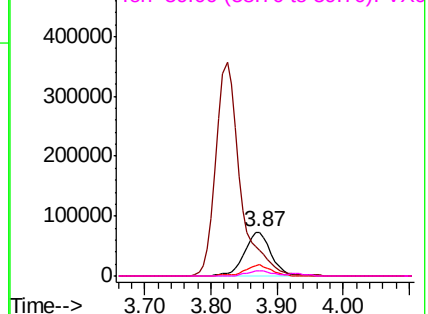
Abundance

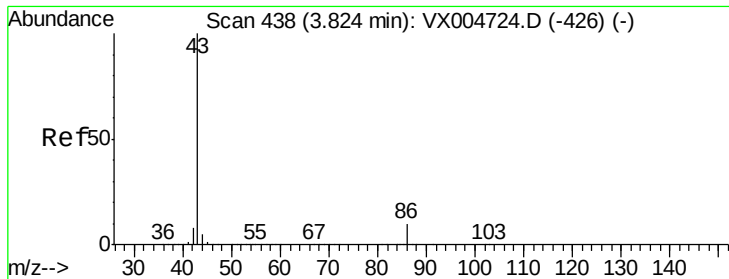
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 107.841 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

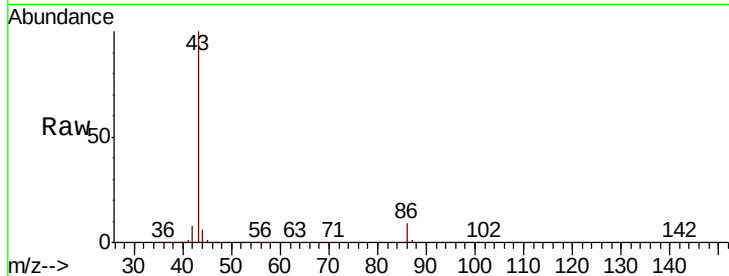
VX0927WBS02

Tot Ion: 43 Resp: 918172

Ion Ratio Lower Upper

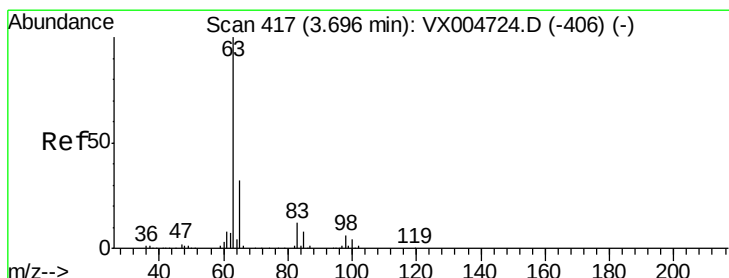
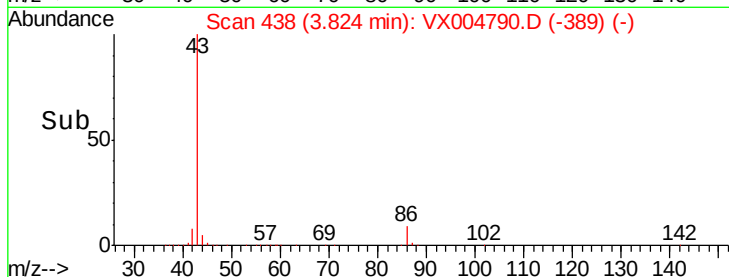
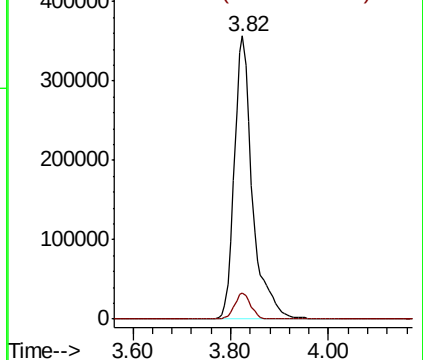
43 100

86 9.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.251 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

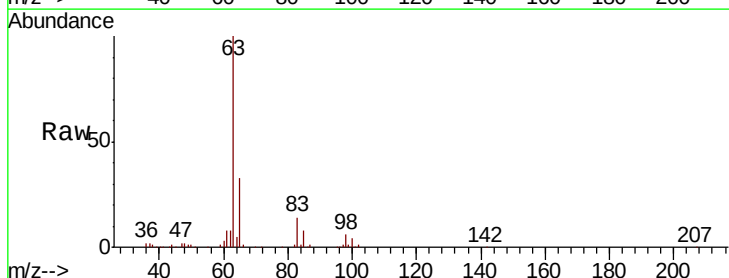
Tgt Ion: 63 Resp: 112363

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

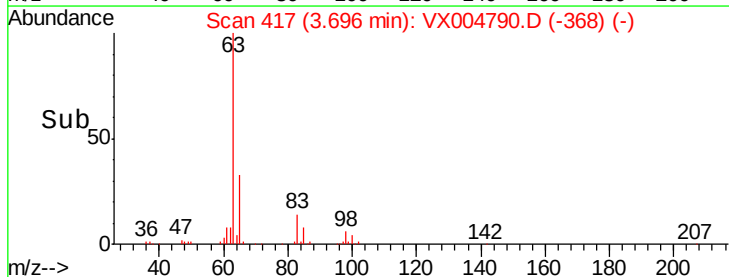
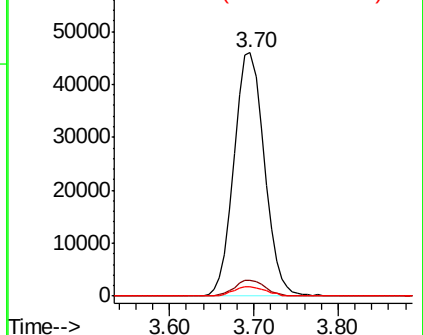
100 3.9 2.4 7.1

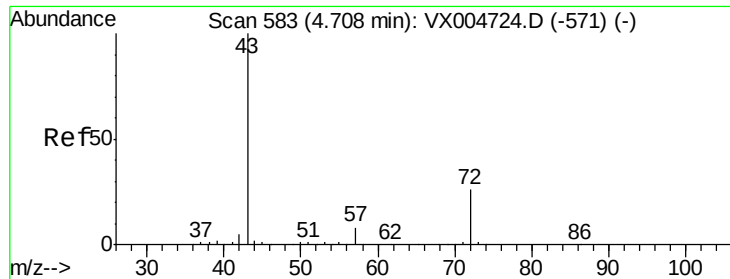


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.249 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

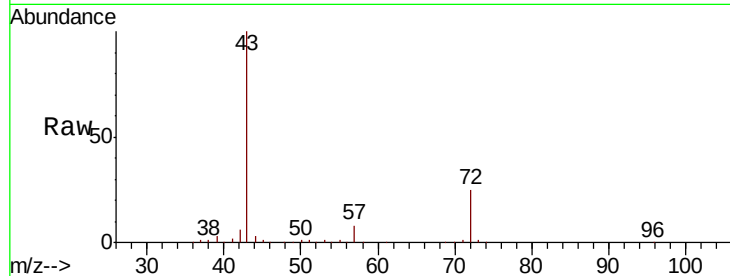
VX0927WBS02

Tot Ion: 43 Resp: 299425

Ion Ratio Lower Upper

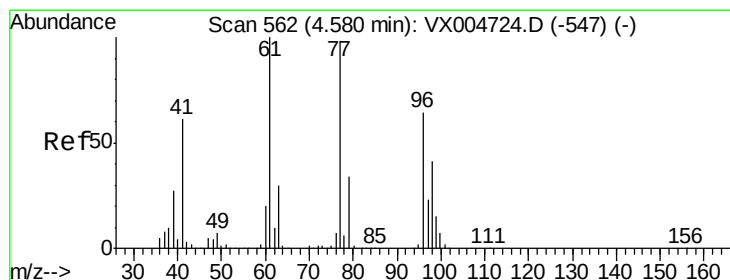
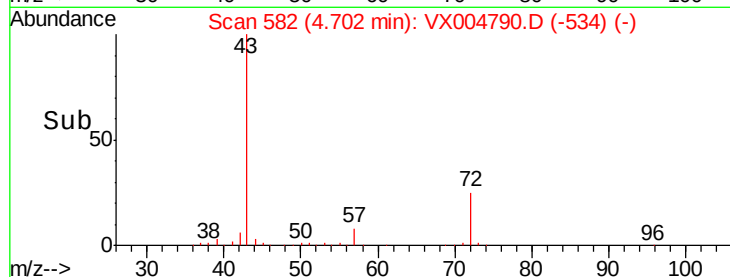
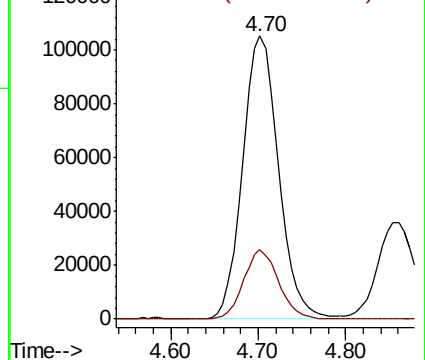
43 100

72 24.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.856 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004790.D

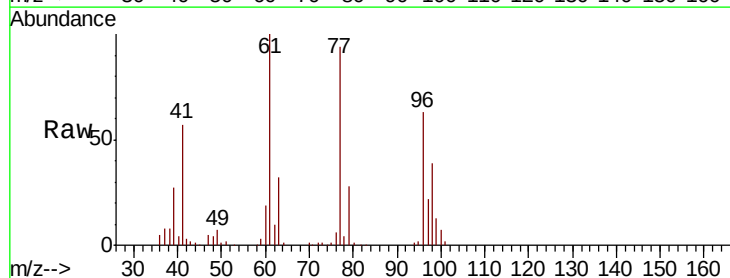
Acq: 27 Sep 2018 23:17

Tgt Ion: 77 Resp: 68989

Ion Ratio Lower Upper

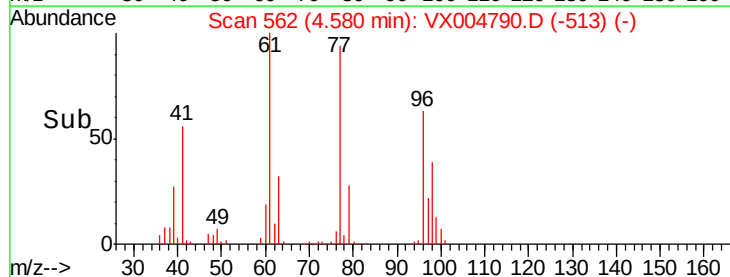
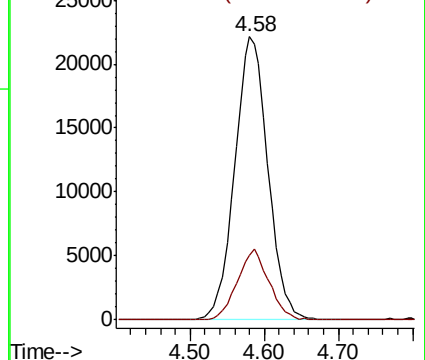
77 100

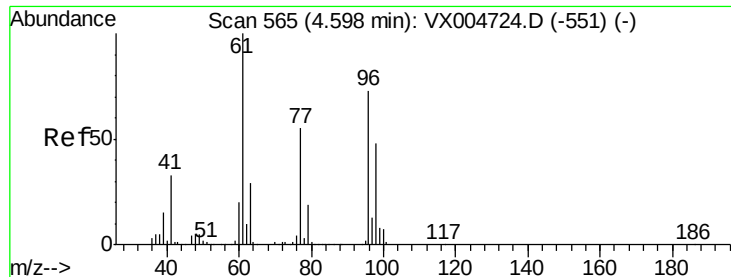
97 23.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



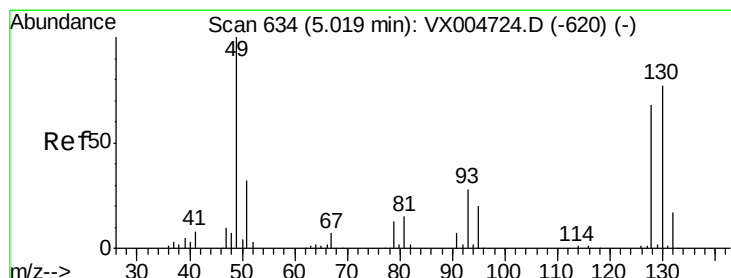
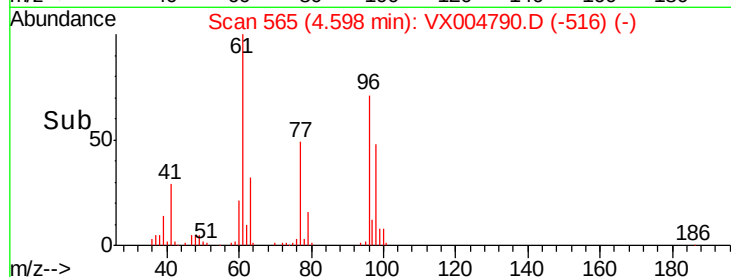
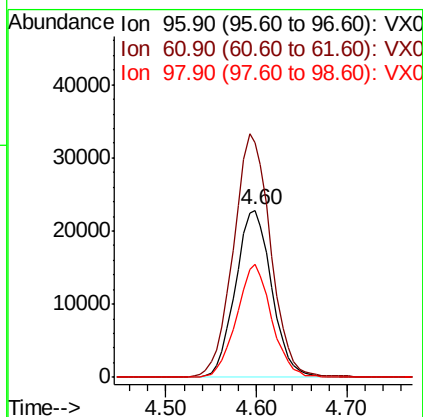
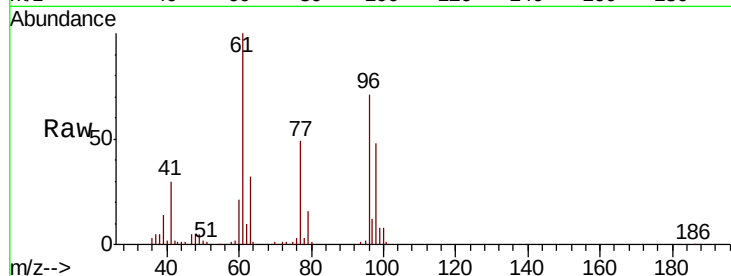


#27

cis-1,2-Dichloroethene
Concen: 20.459 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

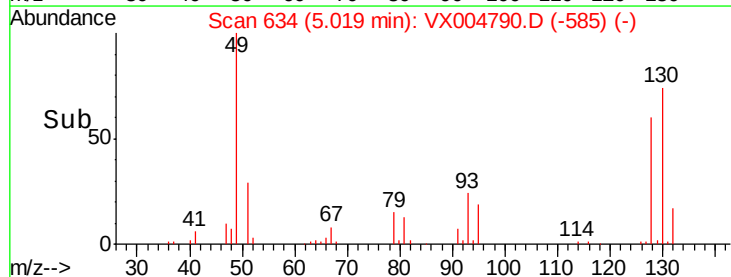
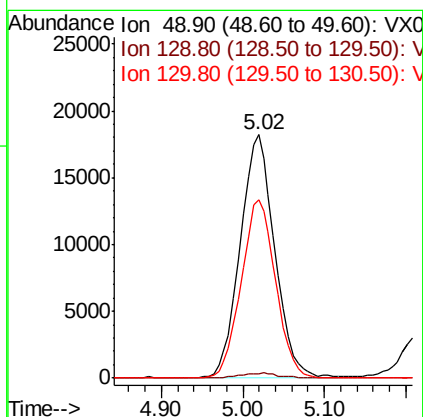
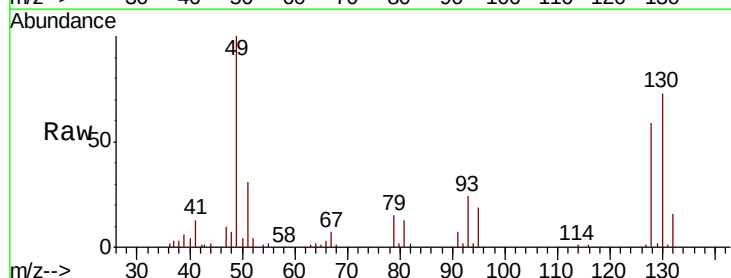
Tot Ion: 96 Resp: 63337
Ion Ratio Lower Upper
96 100
61 150.1 0.0 282.6
98 65.3 0.0 130.2

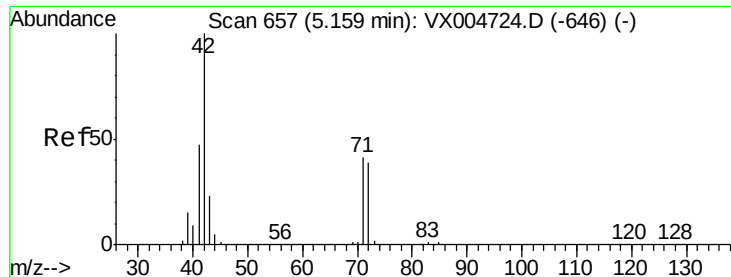


#28

Bromochloromethane
Concen: 20.517 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion: 49 Resp: 53608
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.2
130 72.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 110.522 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

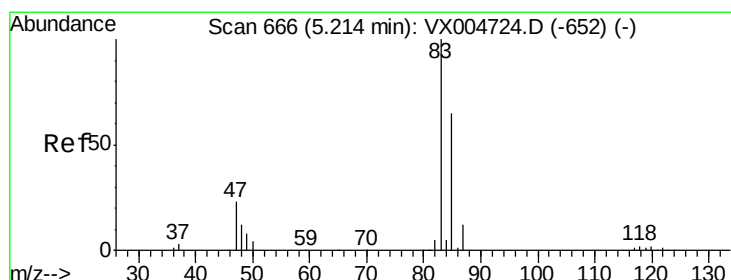
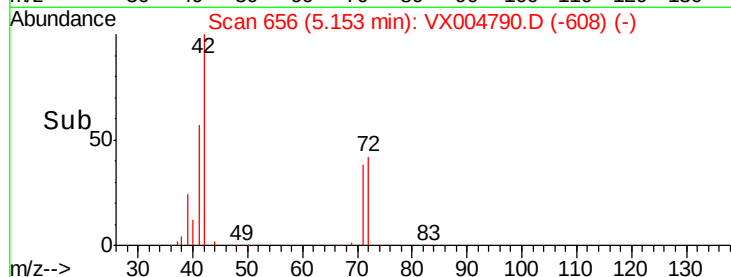
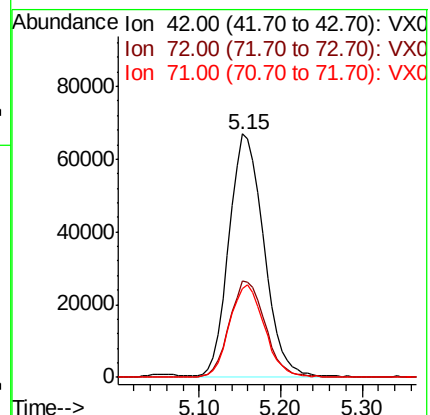
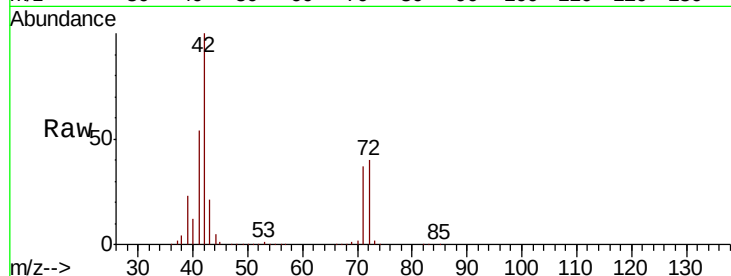
Tot Ion: 42 Resp: 197301

Ion Ratio Lower Upper

42 100

72 41.0 37.4 56.0

71 38.2 34.5 51.7



#30

Chloroform

Concen: 20.822 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004790.D

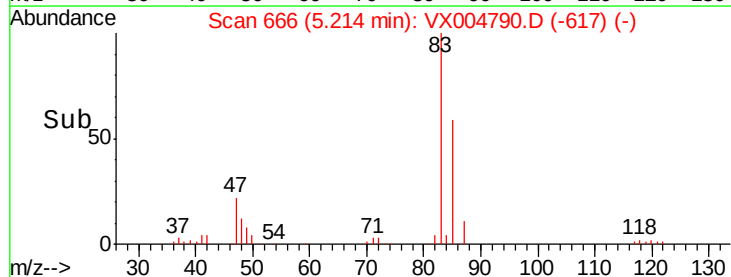
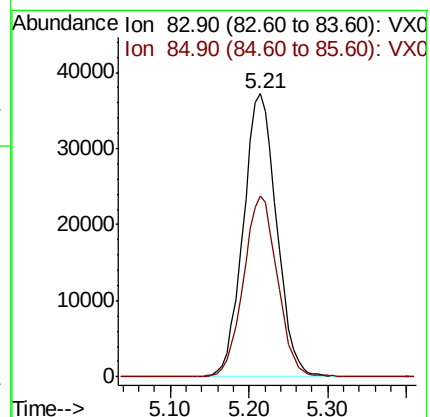
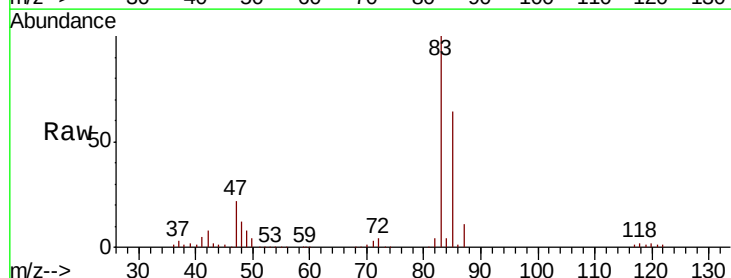
Acq: 27 Sep 2018 23:17

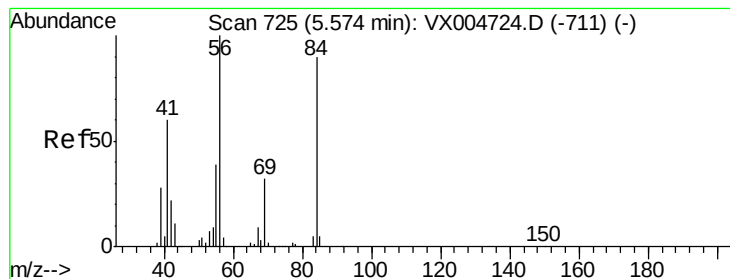
Tgt Ion: 83 Resp: 109184

Ion Ratio Lower Upper

83 100

85 64.2 52.6 79.0





#31

Cyclohexane

Concen: 22.867 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

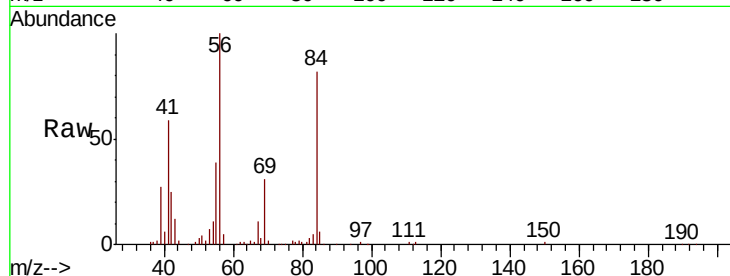
Tot Ion: 56 Resp: 97105

Ion Ratio Lower Upper

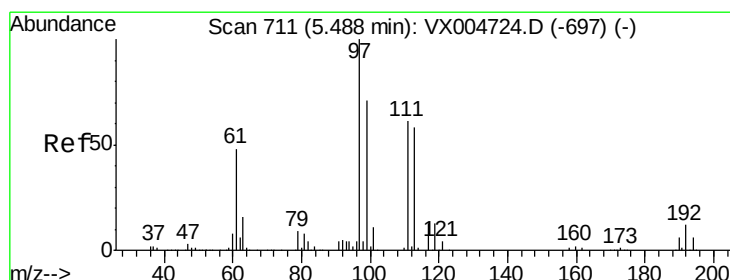
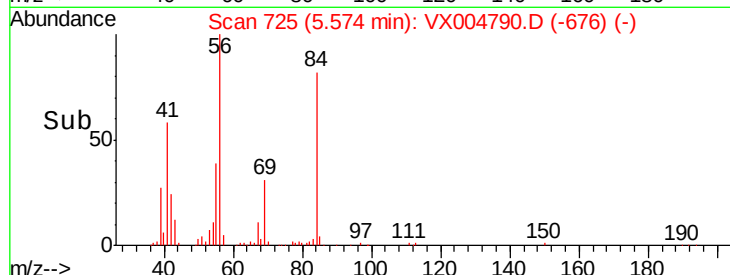
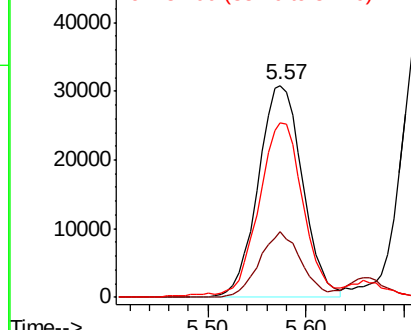
56 100

69 30.7 25.4 38.2

84 80.9 71.4 107.2



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: 21.784 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

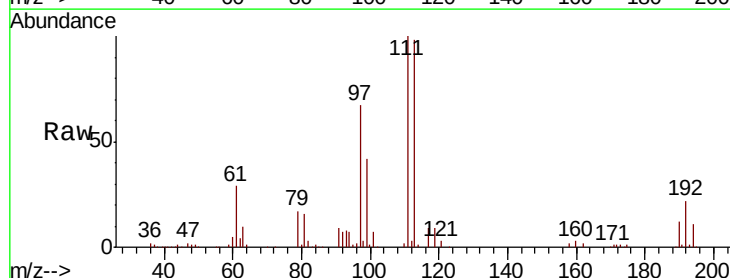
Tgt Ion: 97 Resp: 93291

Ion Ratio Lower Upper

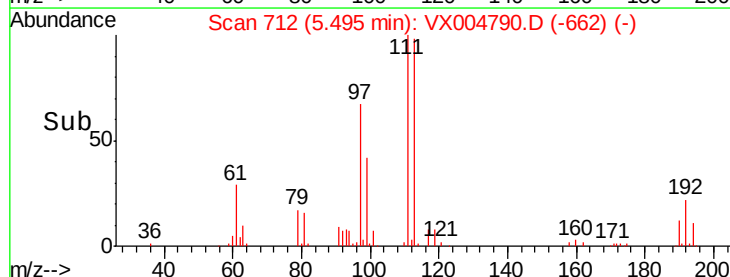
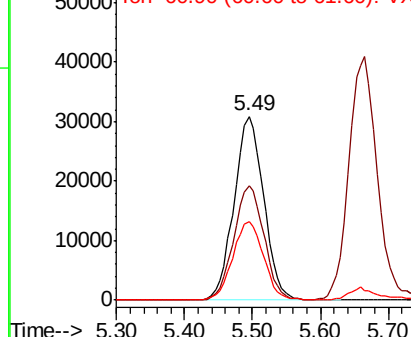
97 100

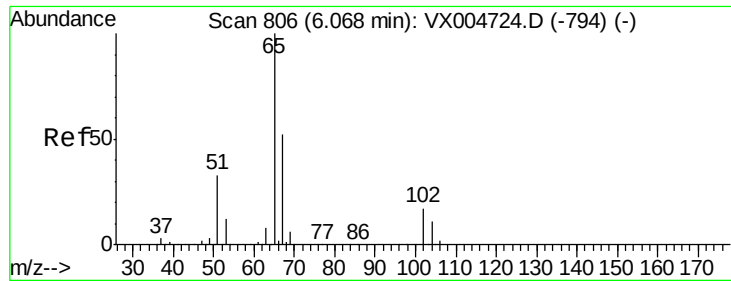
99 63.2 52.0 78.0

61 44.7 34.9 52.3



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

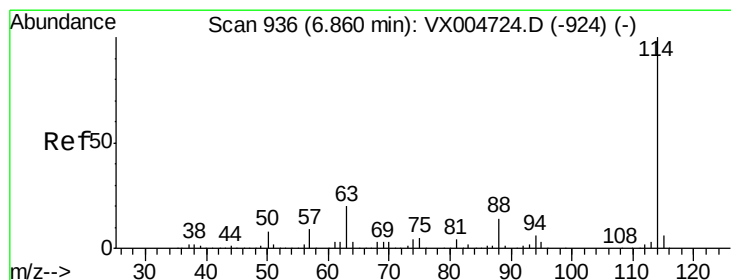
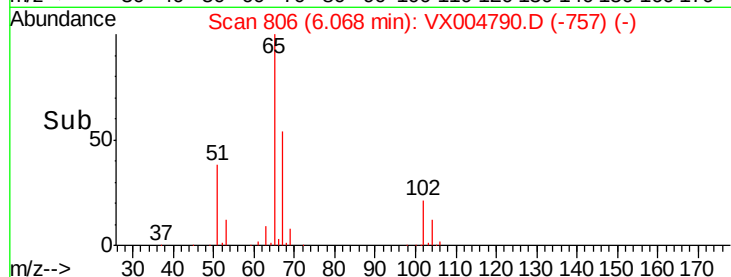
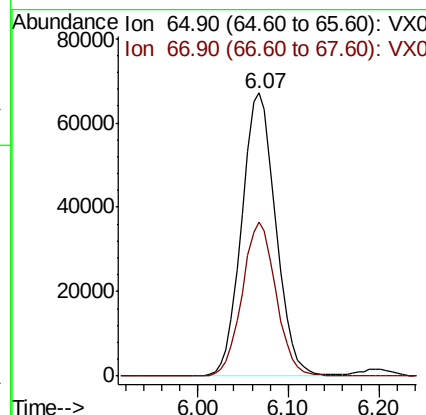
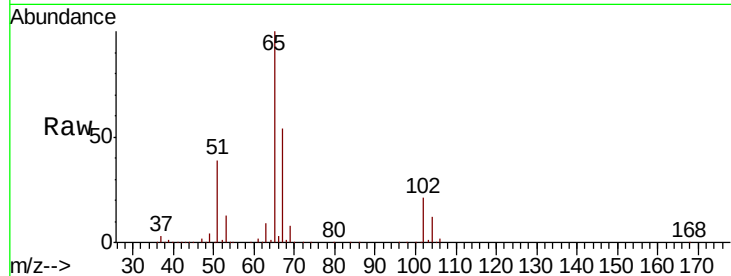




#33
 1,2-Dichloroethane-d4
 Concen: 52.329 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

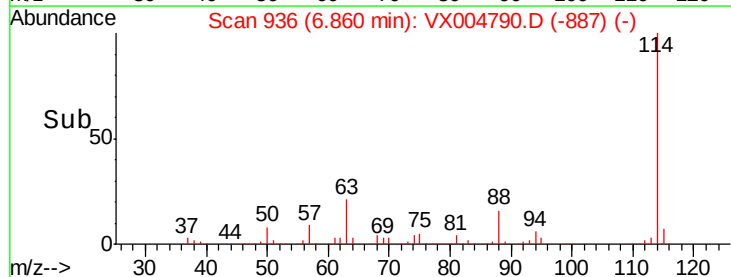
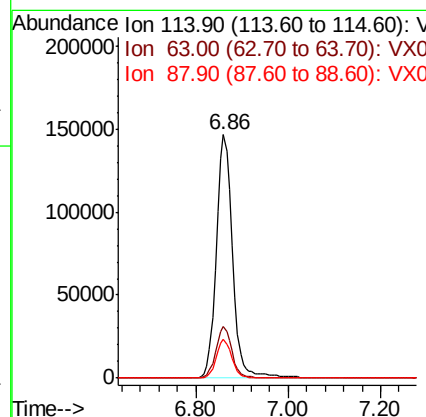
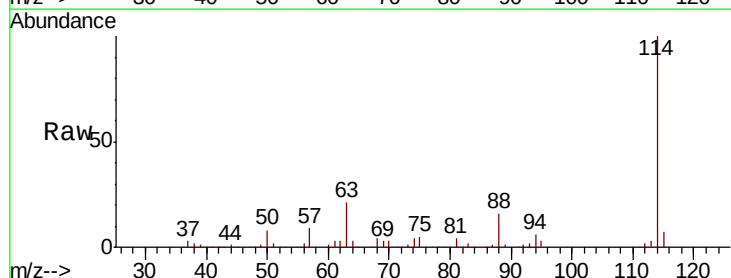
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

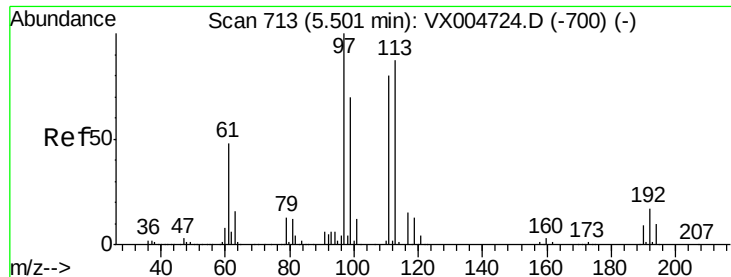
Tot Ion: 65 Resp: 174653
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion: 114 Resp: 358266
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.0
 88 15.8 0.0 30.4

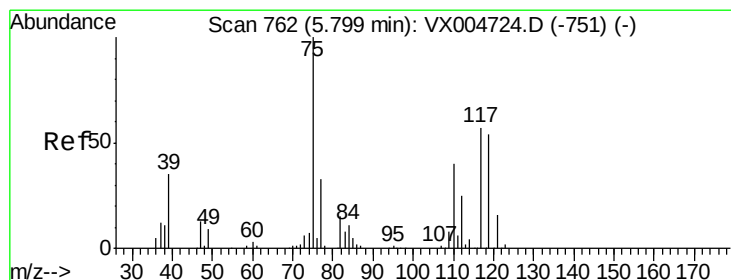
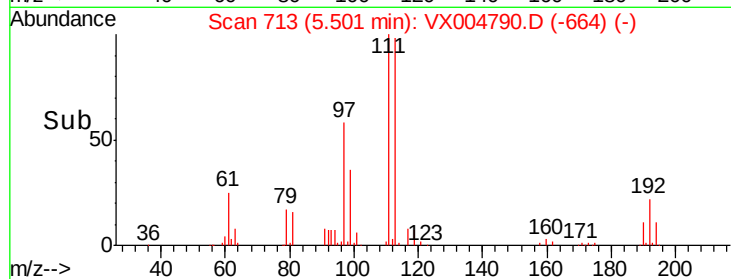
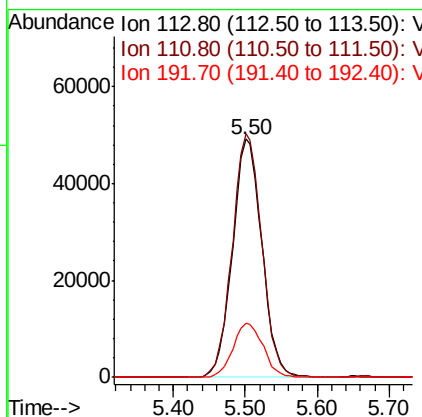
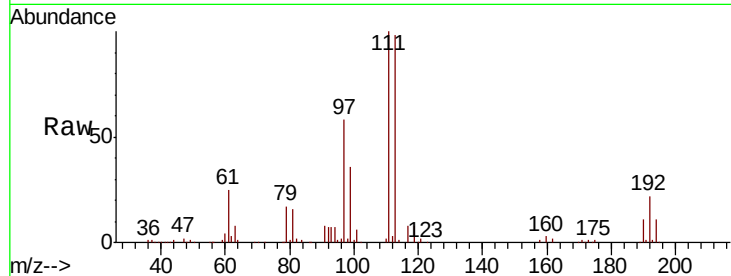




#35
 Dibromofluoromethane
 Concen: 45.711 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

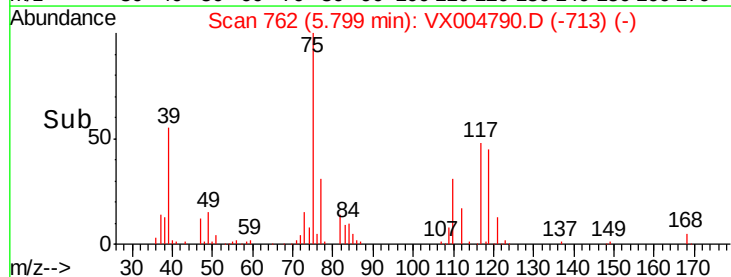
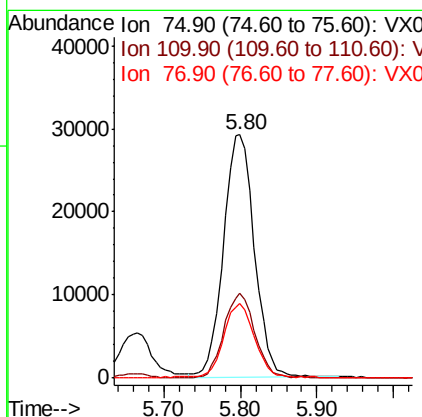
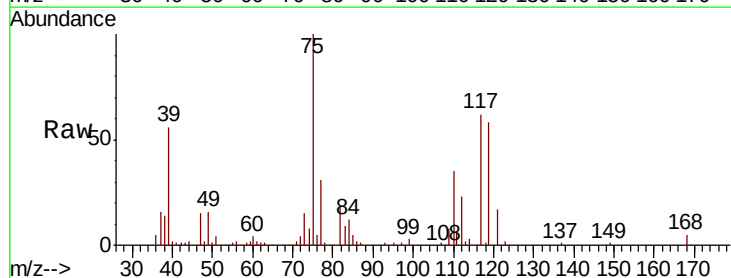
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

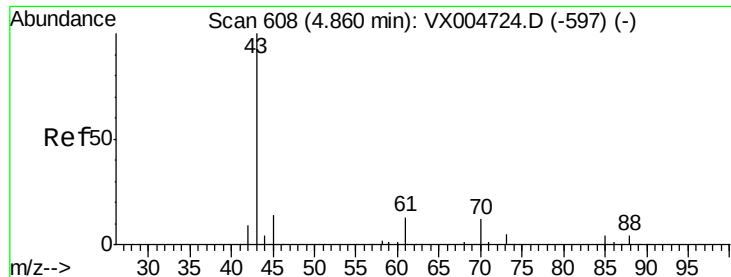
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	23.2	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 19.679 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	18.0	54.0
77	30.2	24.6	36.8

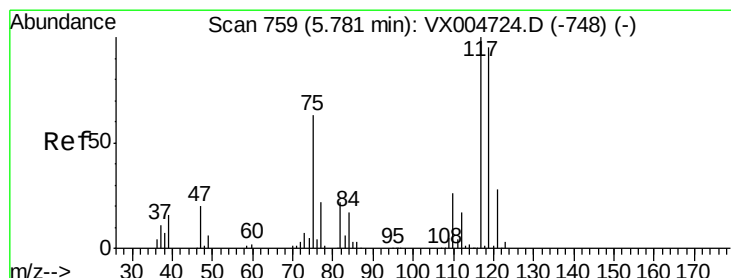
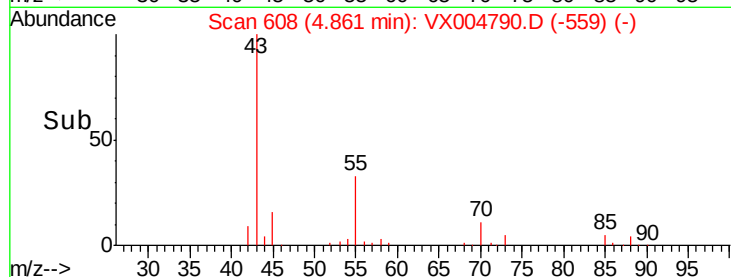
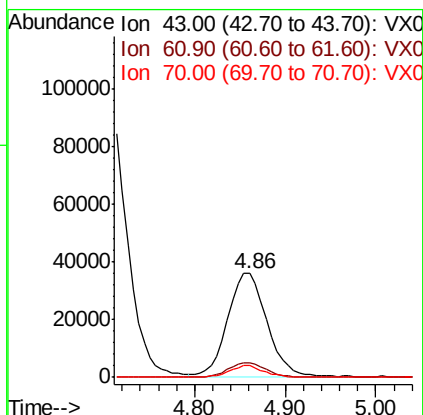
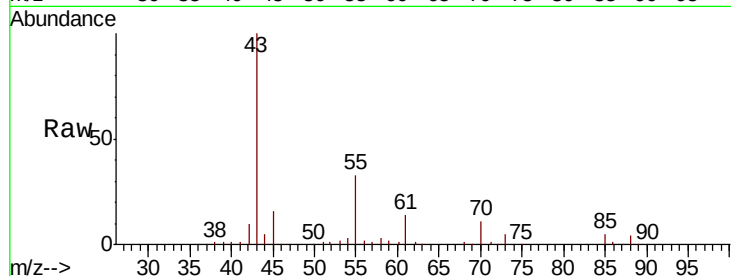




#37
Ethyl Acetate
Concen: 19.553 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

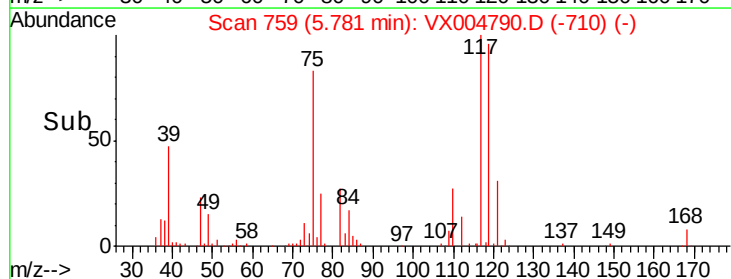
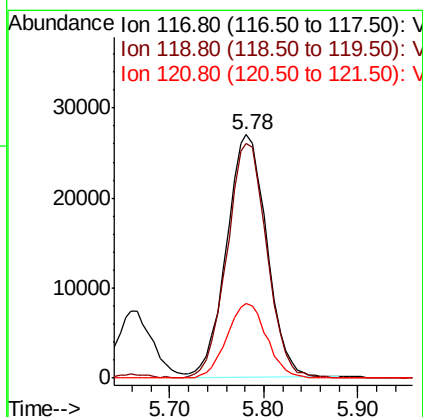
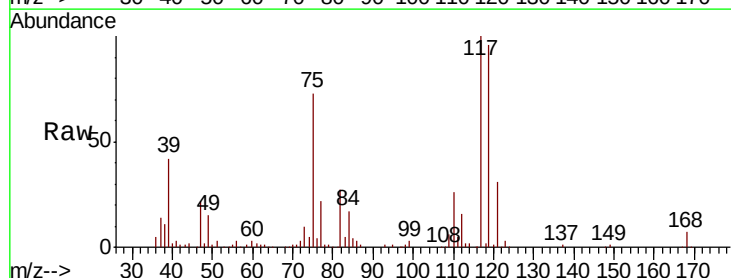
Instrument :
MSVOA_X
ClientSampled :
VX0927WBS02

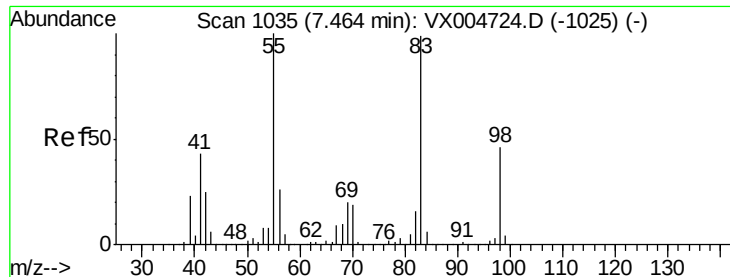
Tot Ion: 43 Resp: 107524
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 10.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.389 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion: 117 Resp: 80079
Ion Ratio Lower Upper
117 100
119 96.7 78.8 118.2
121 30.7 24.9 37.3

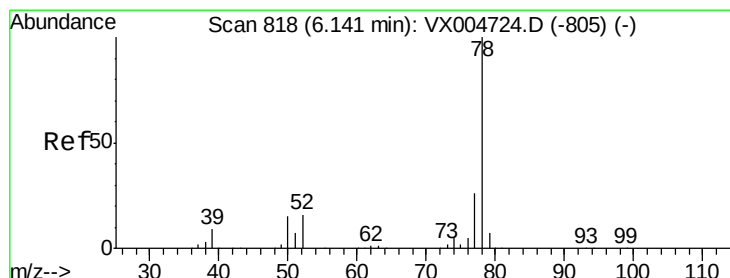
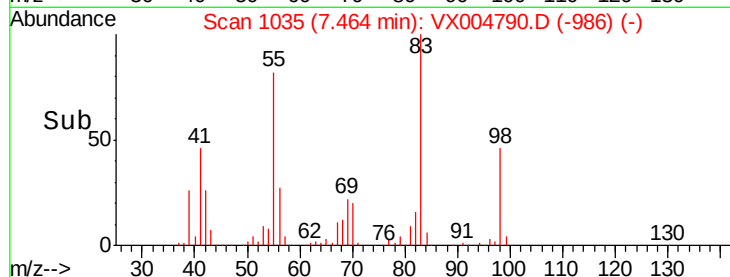
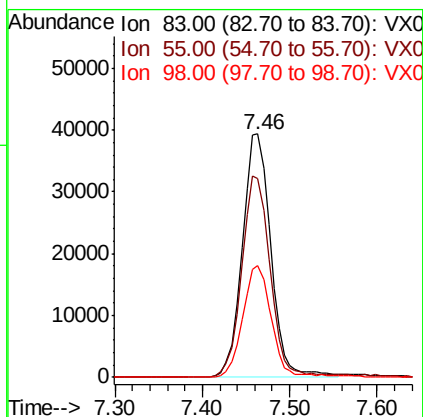
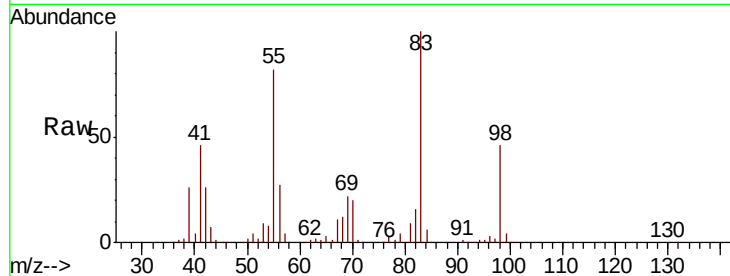




#39
Methylvlcyclohexane
Concen: 21.126 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

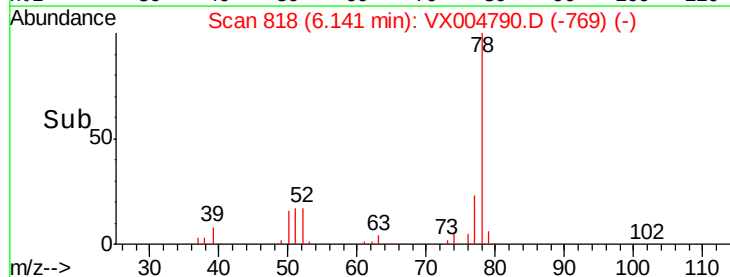
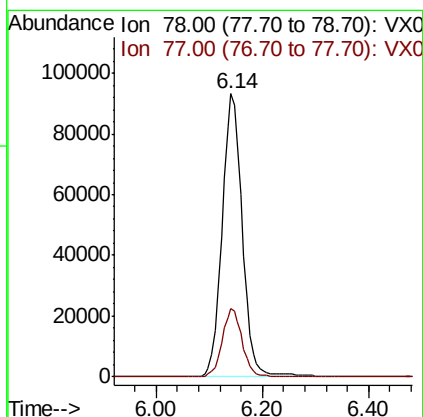
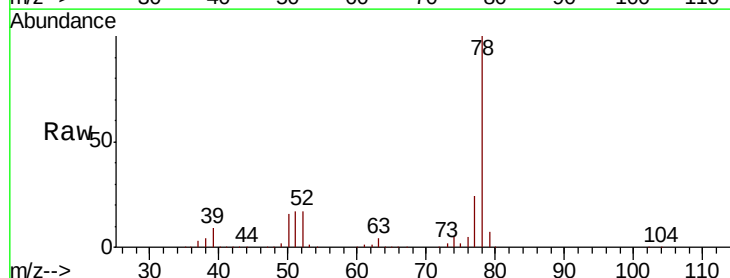
Instrument :
MSVOA_X
ClientSampled :
VX0927WBS02

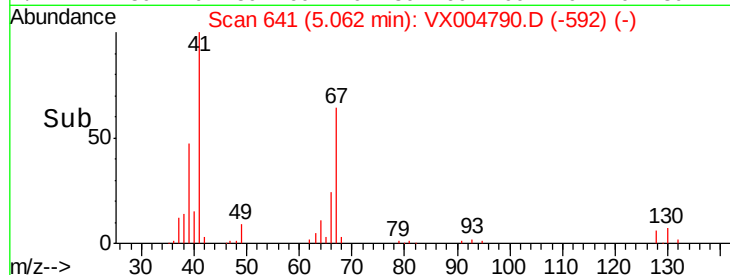
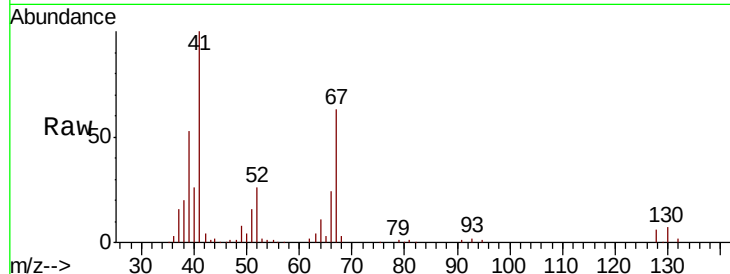
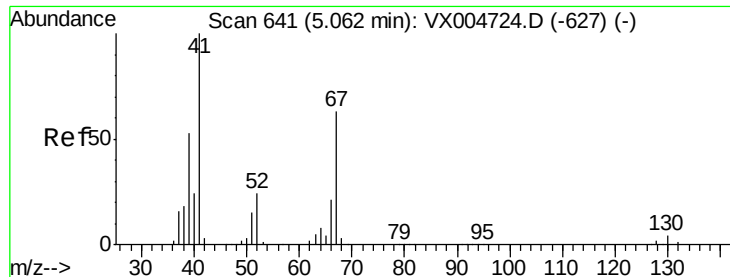
Tot Ion: 83 Resp: 89365
Ion Ratio Lower Upper
83 100
55 81.8 61.0 91.4
98 46.2 39.6 59.4



#40
Benzene
Concen: 19.169 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion: 78 Resp: 248613
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

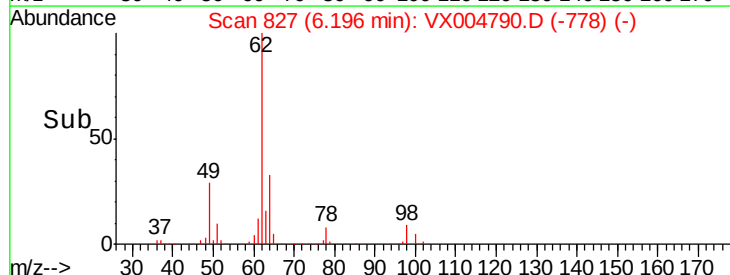
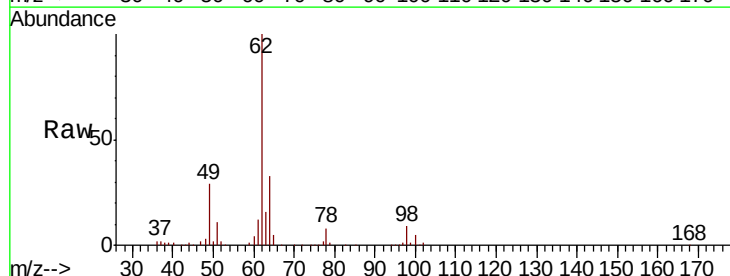
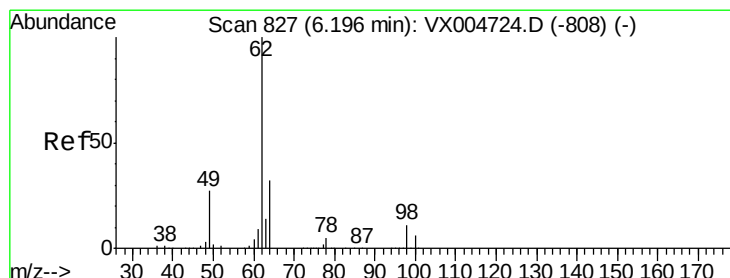
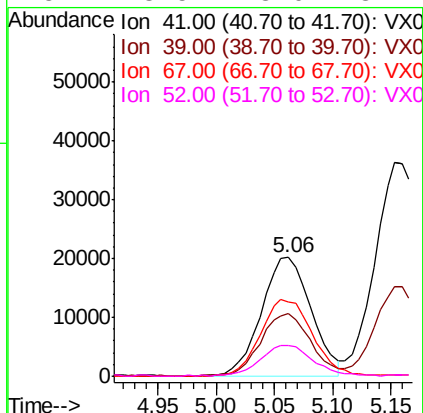




#41
Methacrylonitrile
Concen: 19.469 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

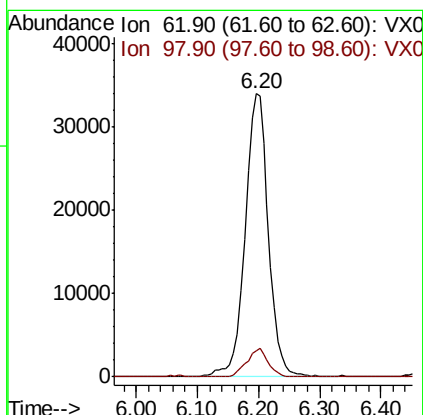
Instrument :
MSVOA_X
ClientSampled :
VX0927WBS02

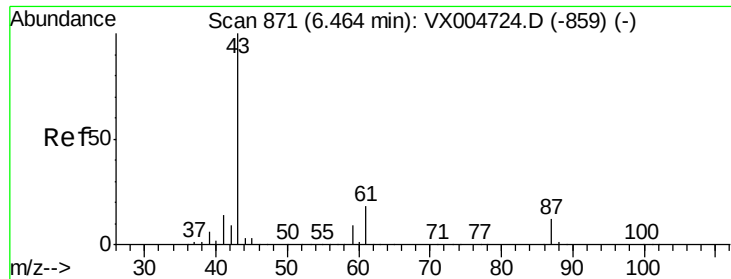
Tot Ion:	41	Resp:	59372
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.4	63.6
67	68.2	59.2	88.8
52	28.5	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.401 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion:	62	Resp:	88950
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 19.370 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

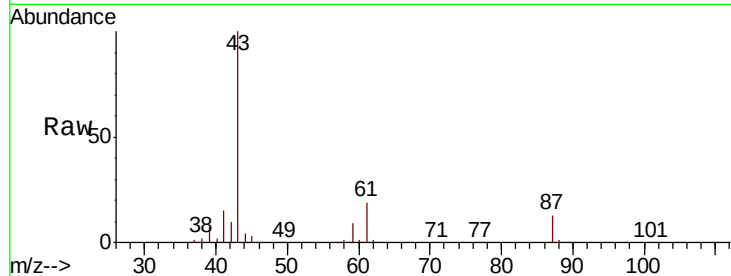
Tot Ion: 43 Resp: 153742

Ion Ratio Lower Upper

43 100

61 19.4 17.0 25.4

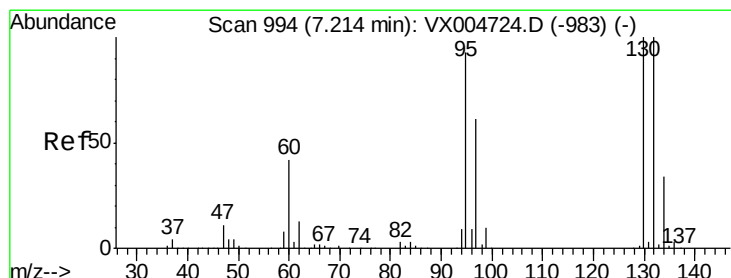
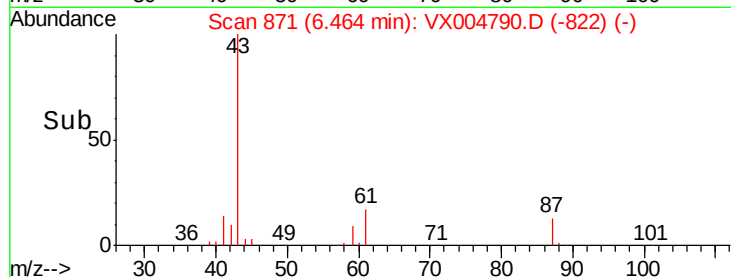
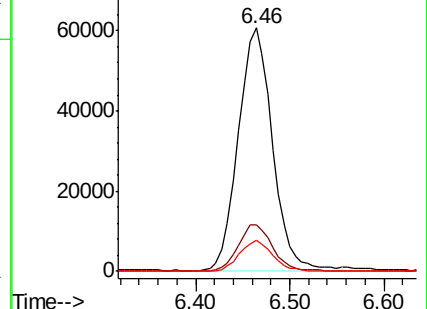
87 12.4 11.4 17.2



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: 20.388 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004790.D

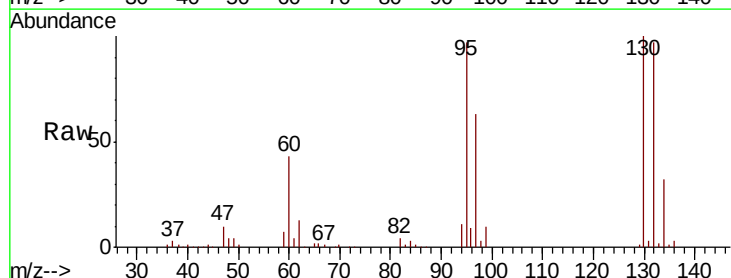
Acq: 27 Sep 2018 23:17

Tgt Ion:130 Resp: 65002

Ion Ratio Lower Upper

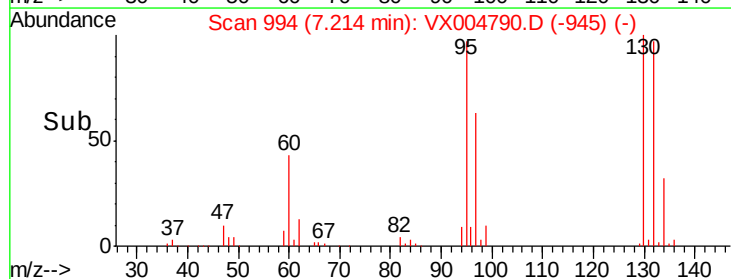
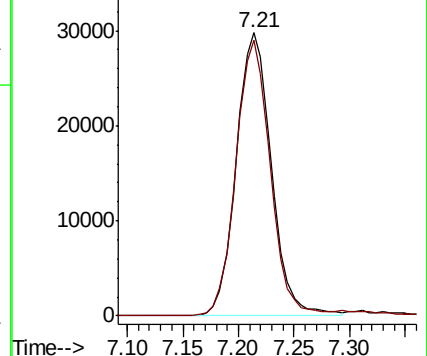
130 100

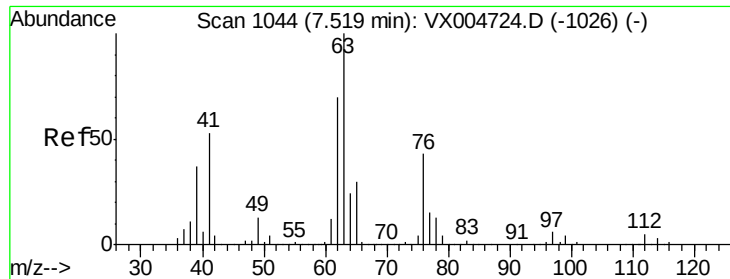
95 97.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

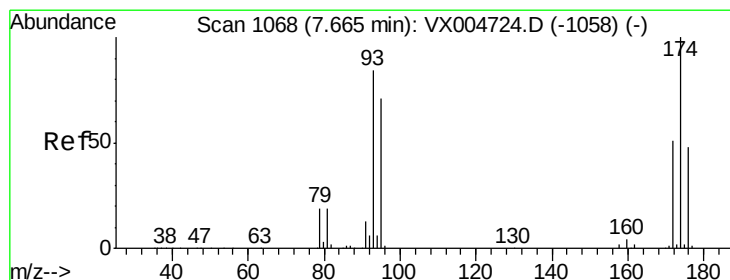
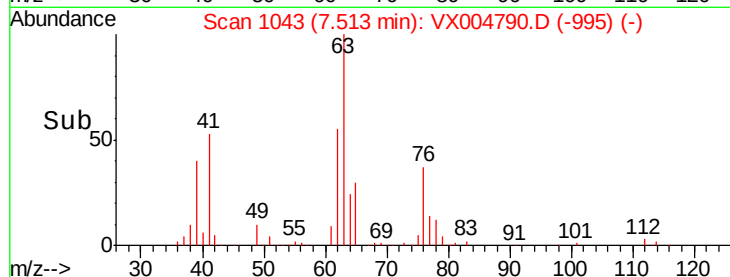
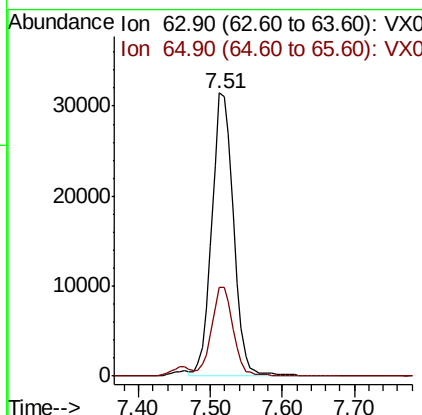
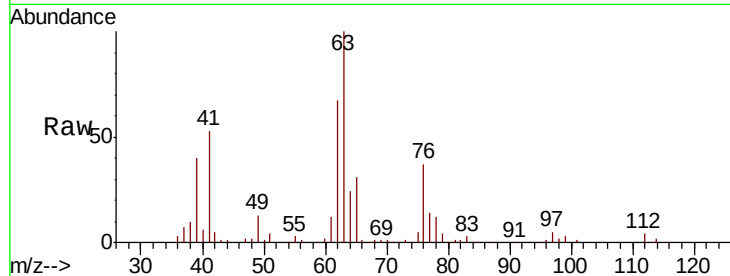




#45
 1,2-Dichloropropane
 Concen: 20.709 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

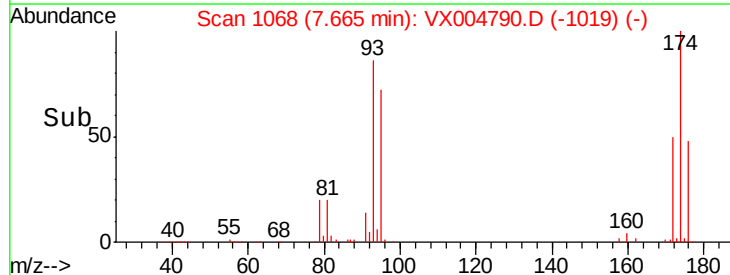
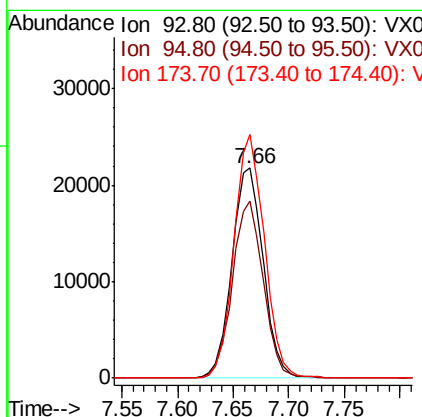
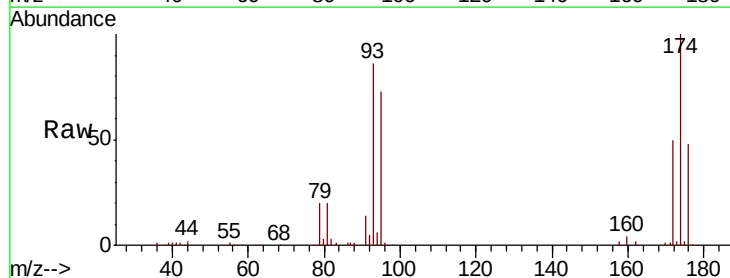
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

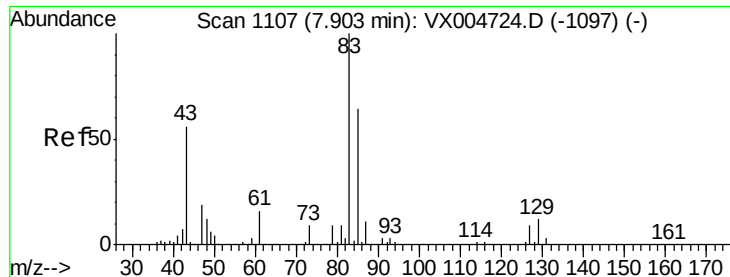
Tot Ion: 63 Resp: 65865
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.3 36.5



#46
 Dibromomethane
 Concen: 21.205 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion: 93 Resp: 42385
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 112.6 94.2 141.4





#47

Bromodichloromethane

Concen: 21.218 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

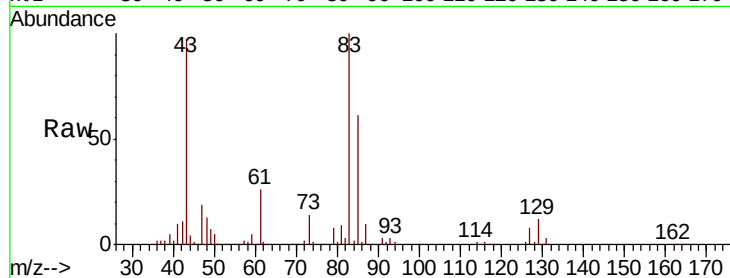
Tot Ion: 83 Resp: 79406

Ion Ratio Lower Upper

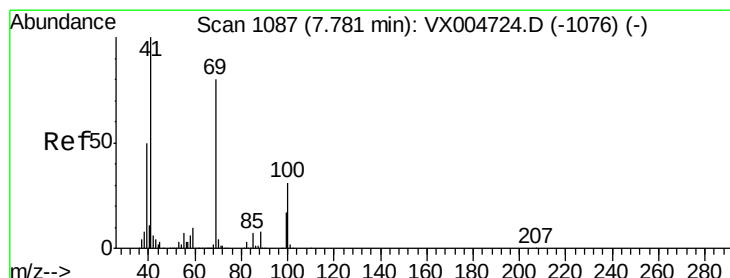
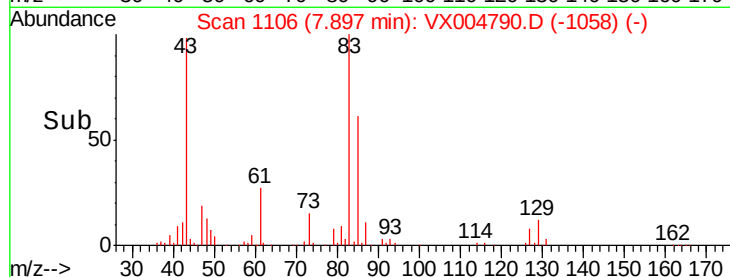
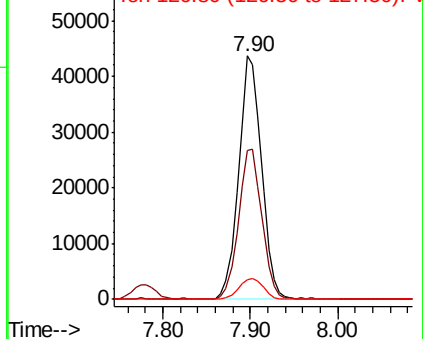
83 100

85 60.9 50.9 76.3

127 8.0 7.3 10.9



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: 22.464 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

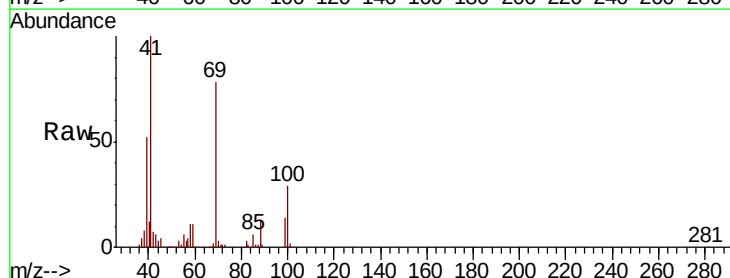
Tgt Ion: 41 Resp: 80928

Ion Ratio Lower Upper

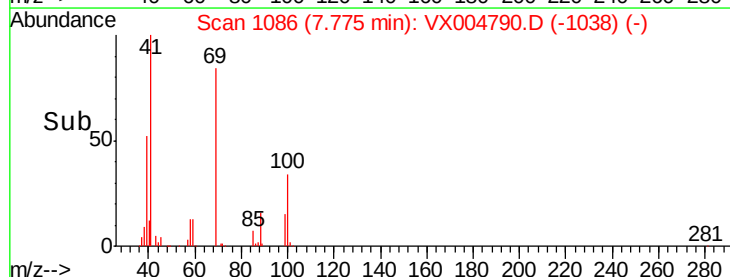
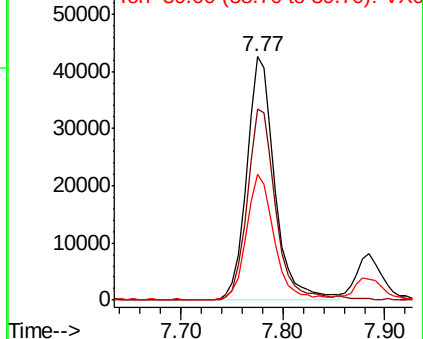
41 100

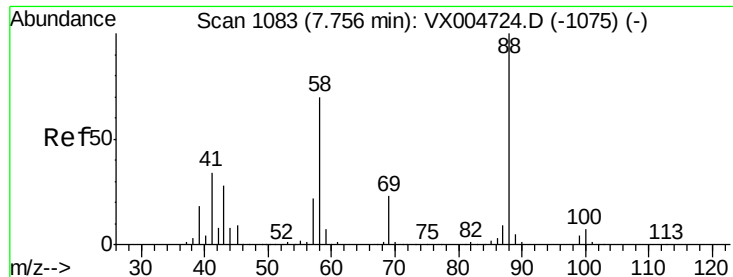
69 80.5 70.2 105.4

39 50.8 42.7 64.1



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

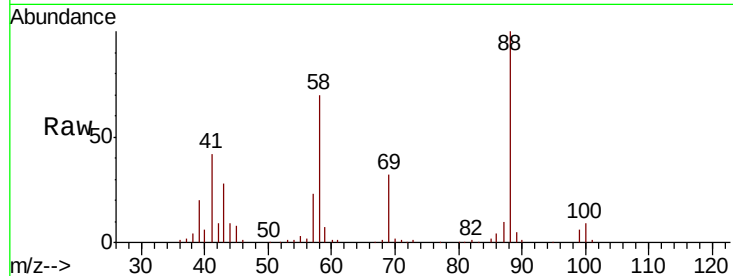




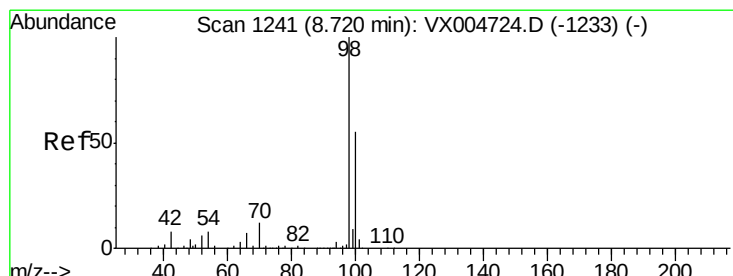
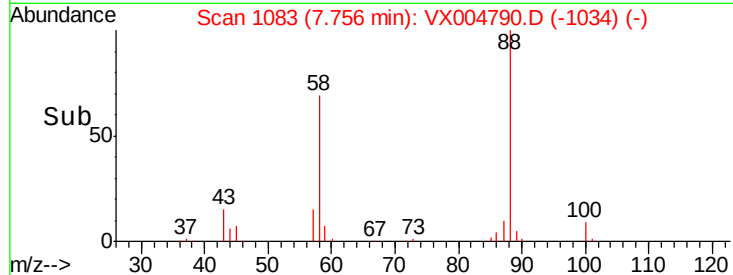
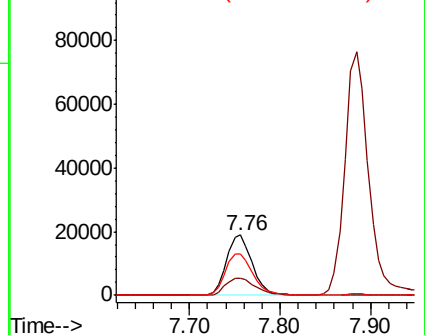
#49
1,4-Dioxane
Concen: 416.971 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

Tot Ion: 88 Resp: 37319
Ion Ratio Lower Upper
88 100
43 34.9 24.7 37.1
58 74.8 55.3 82.9

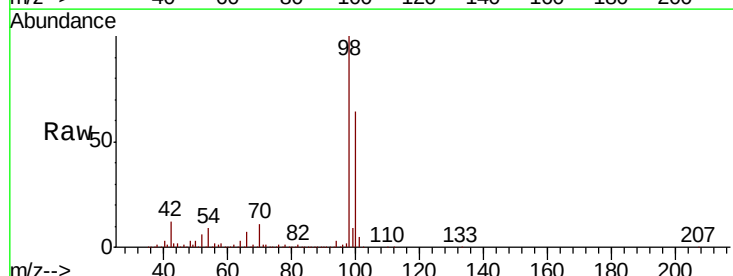


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

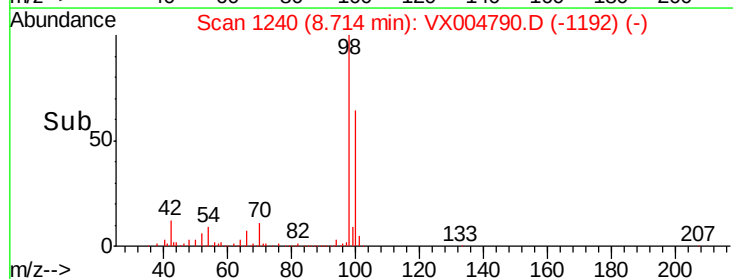
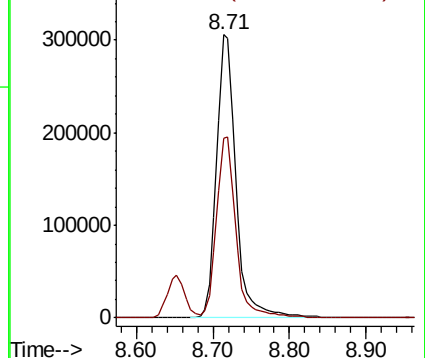


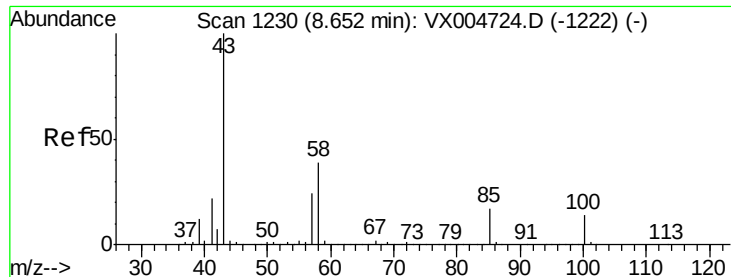
#50
Toluene-d8
Concen: 53.340 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion: 98 Resp: 538429
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



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

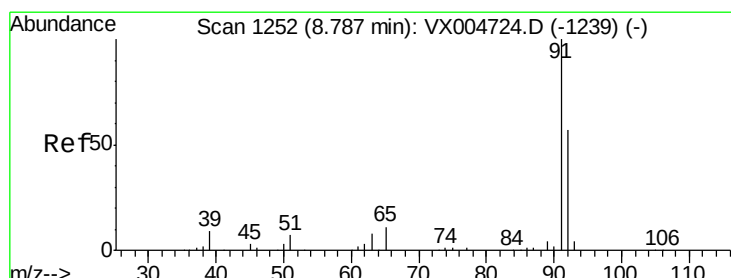
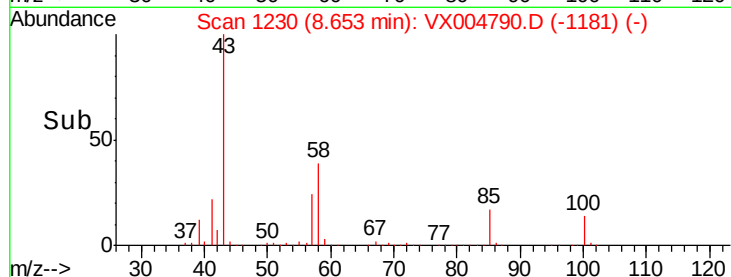
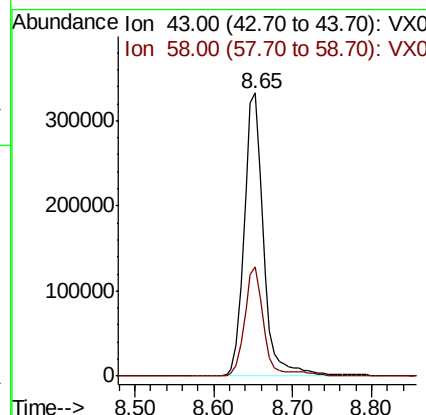
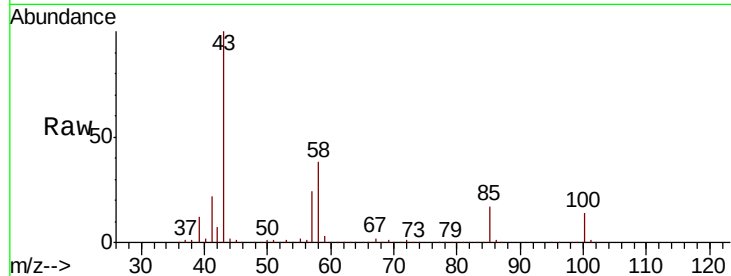




#51
 4-Methyl-2-Pentanone
 Concen: 113.335 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

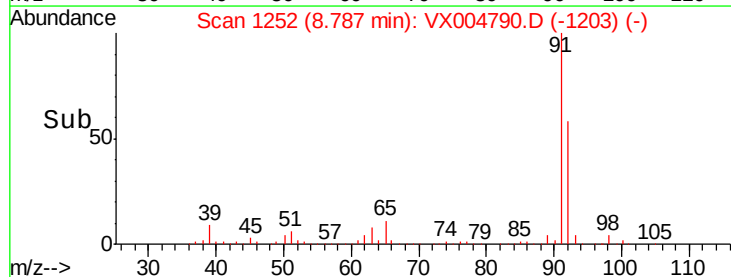
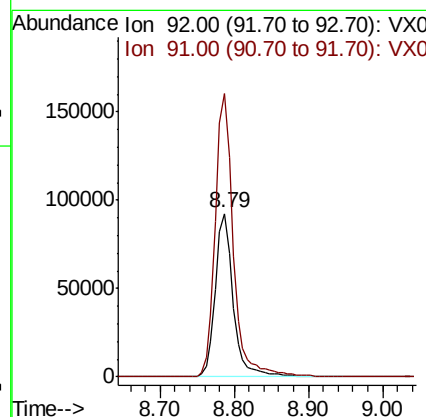
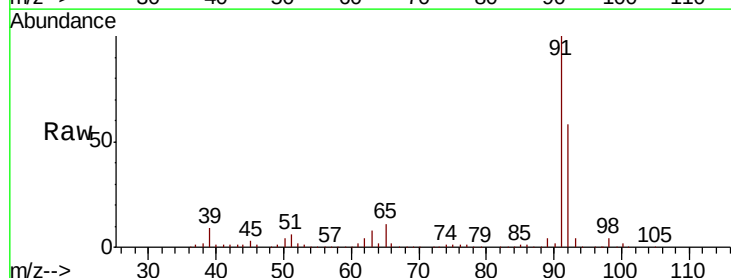
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

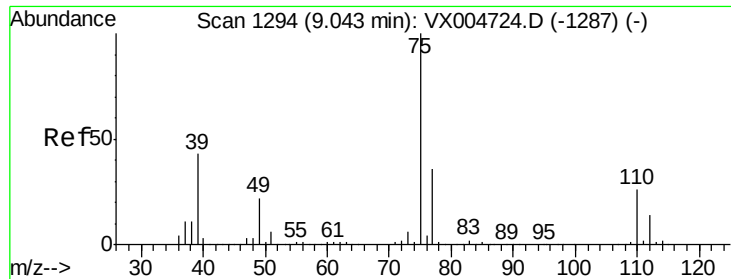
Tot Ion: 43 Resp: 566395
 Ion Ratio Lower Upper
 43 100
 58 36.8 33.1 49.7



#52
 Toluene
 Concen: 21.539 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion: 92 Resp: 153500
 Ion Ratio Lower Upper
 92 100
 91 175.6 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.958 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

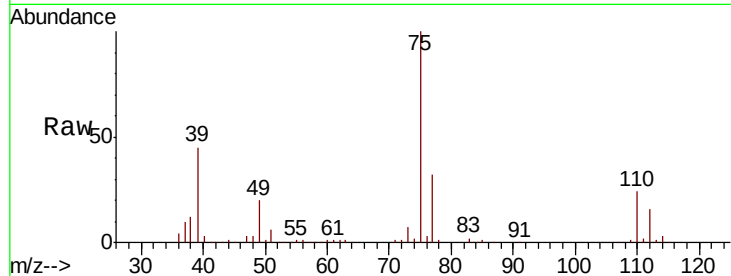
VX0927WBS02

Tot Ion: 75 Resp: 84402

Ion Ratio Lower Upper

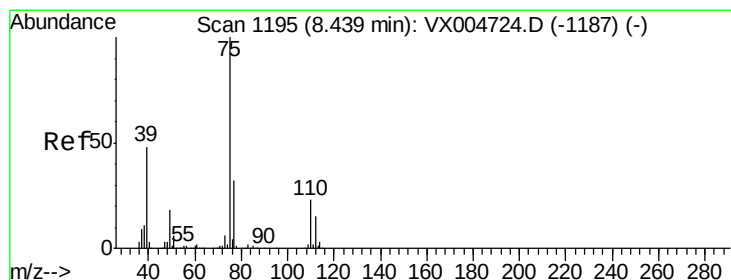
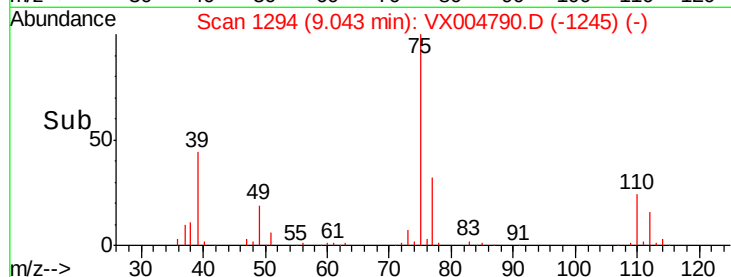
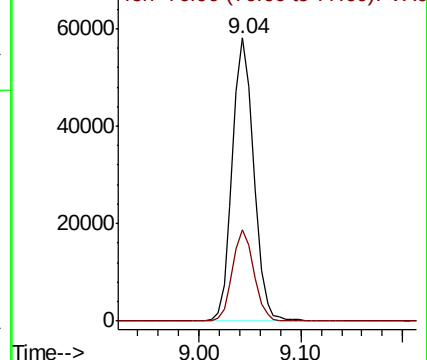
75 100

77 32.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.340 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

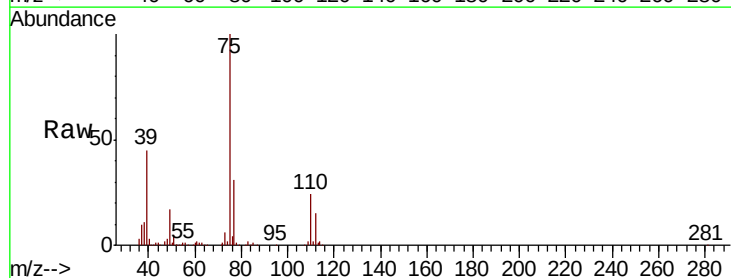
Tgt Ion: 75 Resp: 94527

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

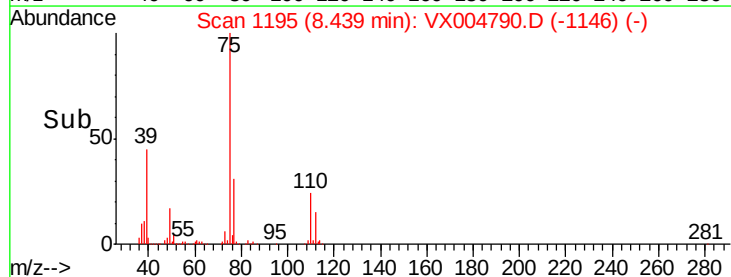
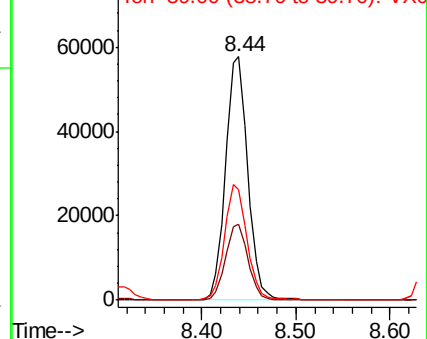
39 45.2 36.4 54.6

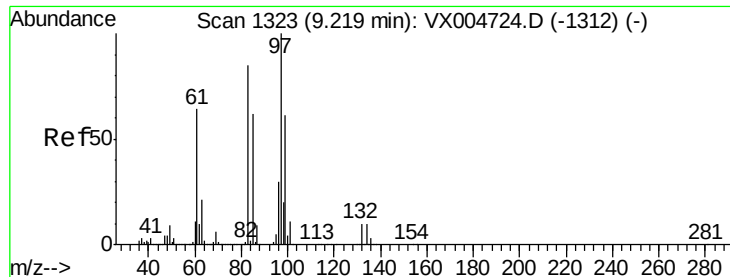


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

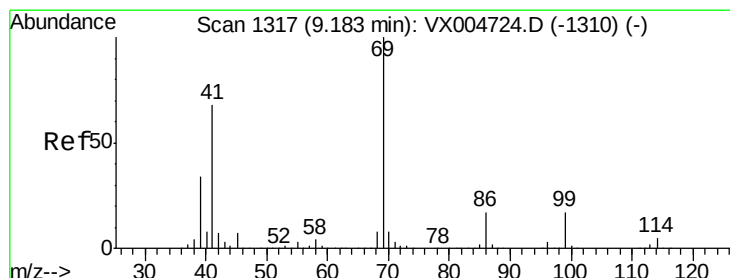
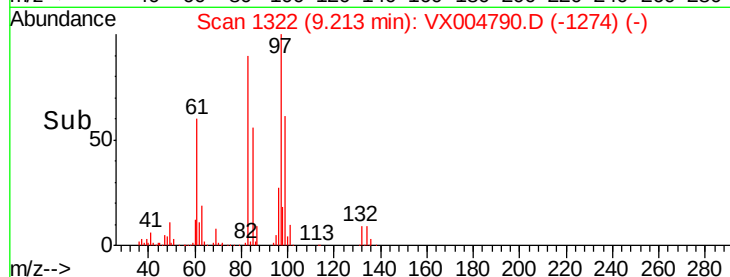
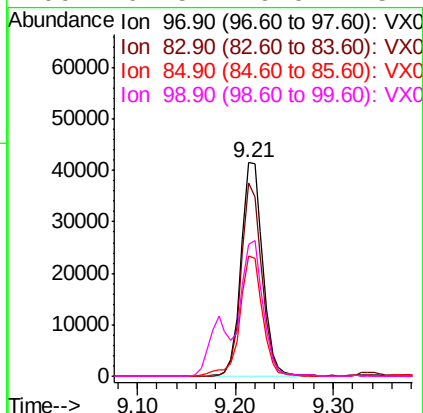
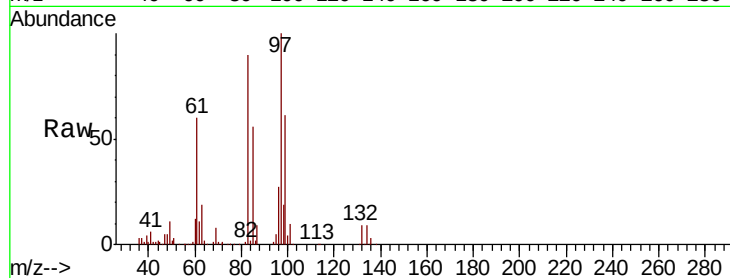




#55
 1,1,2-Trichloroethane
 Concen: 20.496 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

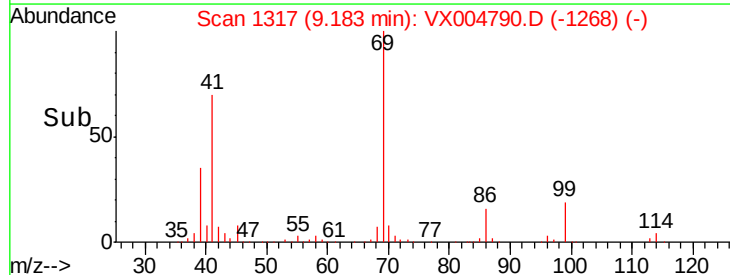
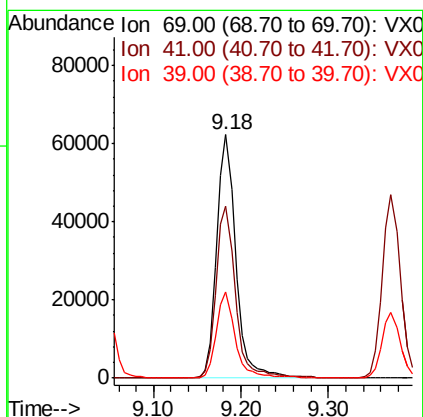
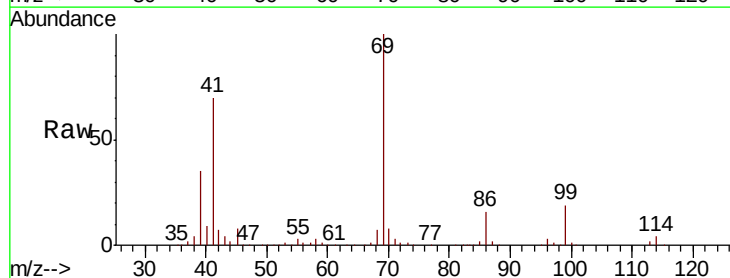
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

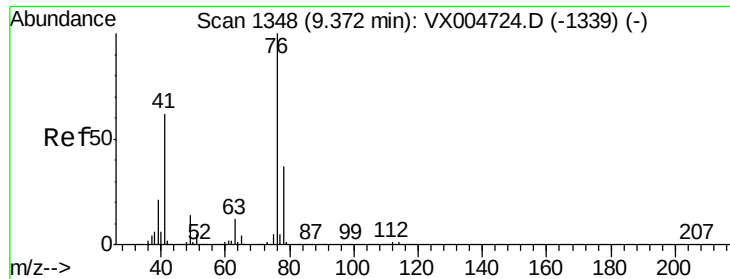
Tot Ion:	97	Resp:	63983
Ion	Ratio	Lower	Upper
97	100		
83	90.3	66.4	99.6
85	56.2	43.3	64.9
99	61.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.469 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion:	69	Resp:	94604
Ion	Ratio	Lower	Upper
69	100		
41	71.2	51.0	76.4
39	34.2	26.1	39.1





#57

1,3-Dichloropropane

Concen: 20.692 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

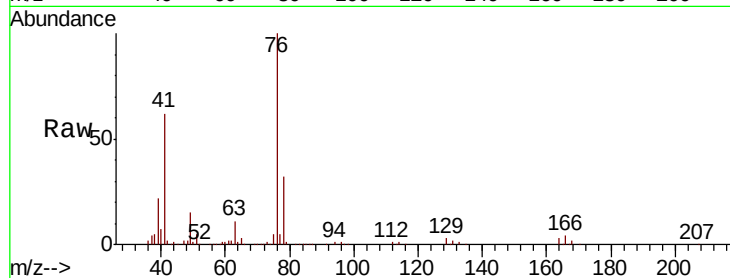
VX0927WBS02

Tot Ion: 76 Resp: 107506

Ion Ratio Lower Upper

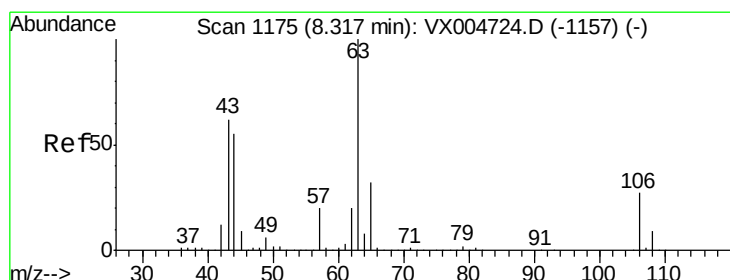
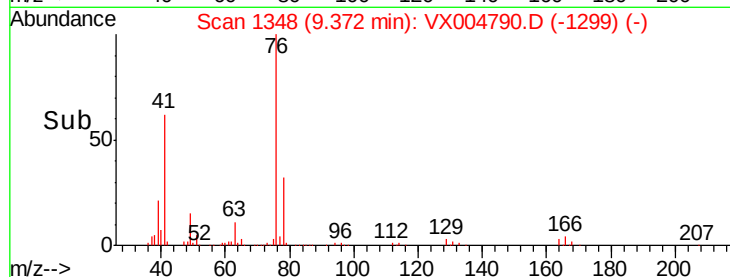
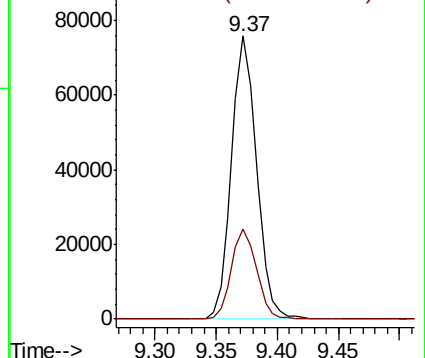
76 100

78 31.9 25.5 38.3



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: 110.049 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004790.D

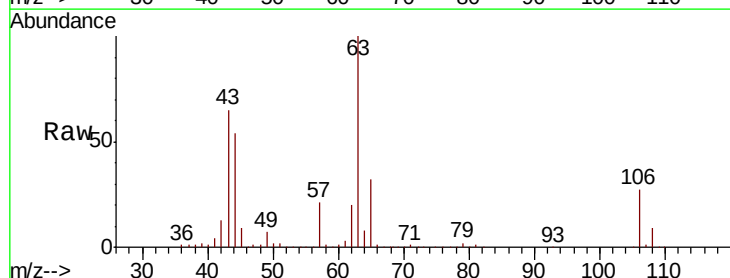
Acq: 27 Sep 2018 23:17

Tgt Ion: 63 Resp: 273265

Ion Ratio Lower Upper

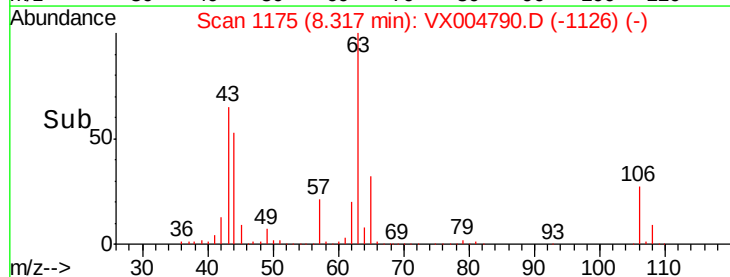
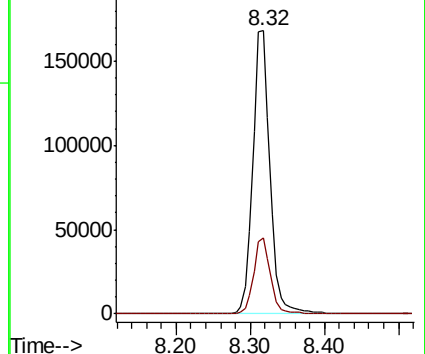
63 100

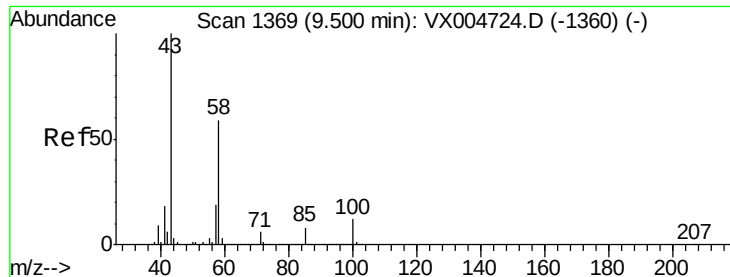
106 26.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

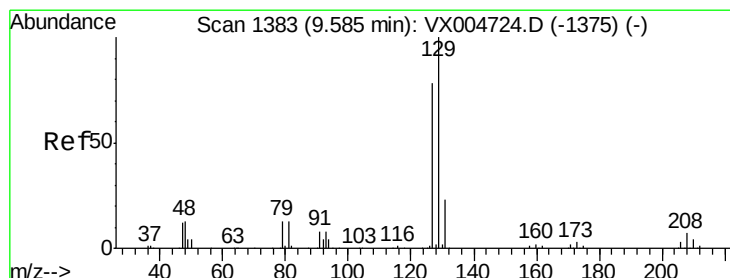
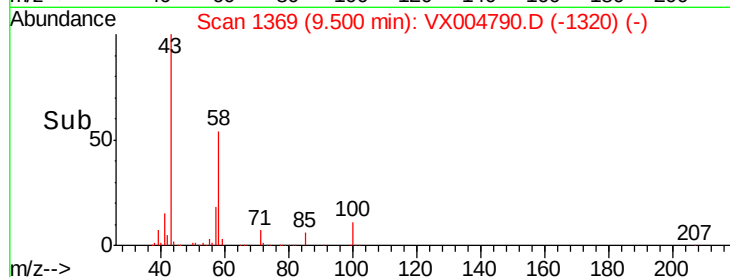
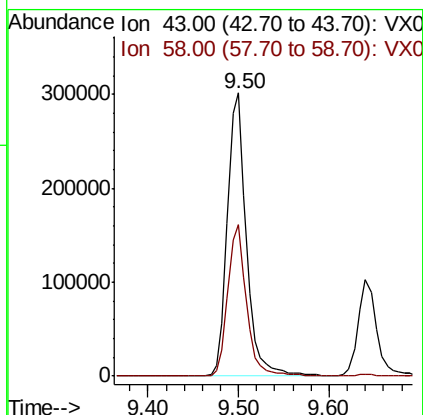
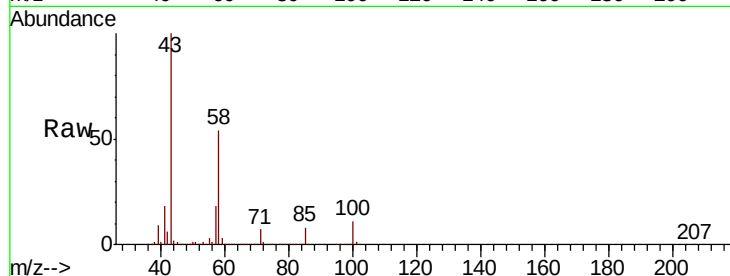




#59
2-Hexanone
Concen: 105.711 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

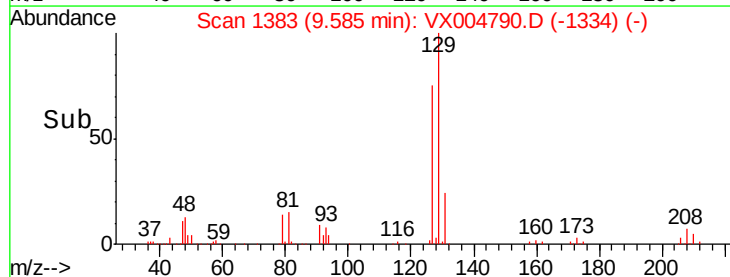
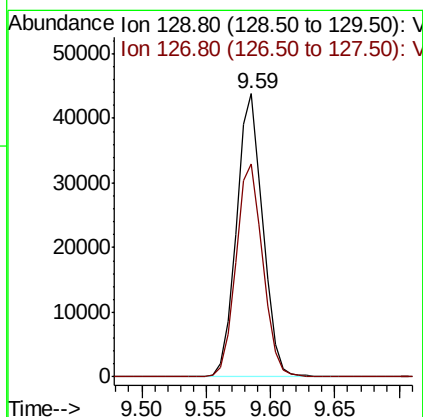
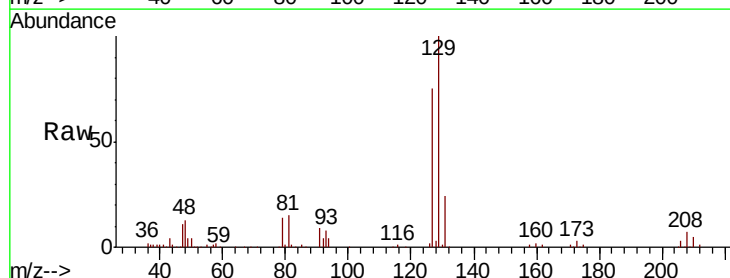
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

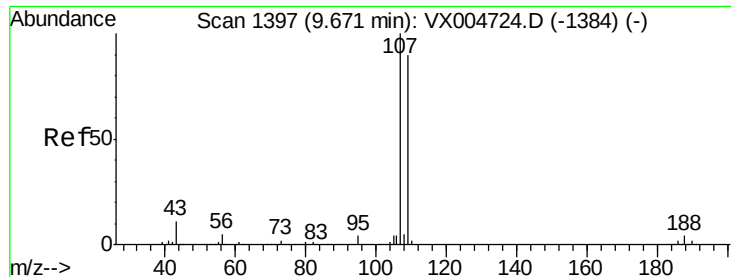
Tot Ion: 43 Resp: 440238
Ion Ratio Lower Upper
43 100
58 52.7 29.0 87.0



#60
Dibromochloromethane
Concen: 19.852 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion: 129 Resp: 61976
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.812 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

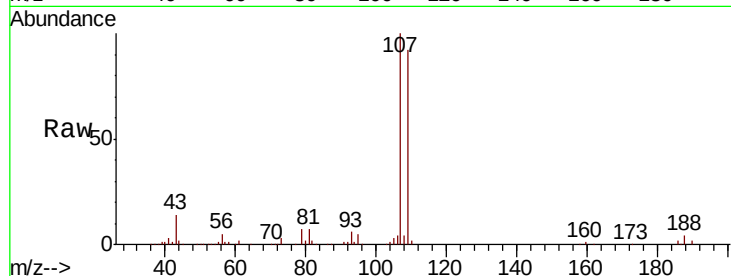
VX0927WBS02

Tot Ion:107 Resp: 66233

Ion Ratio Lower Upper

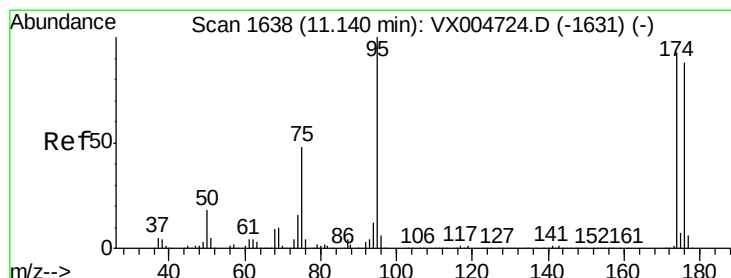
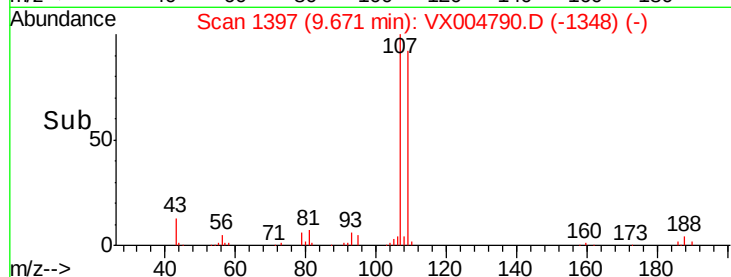
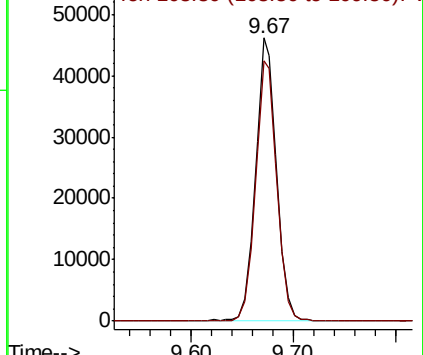
107 100

109 93.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.554 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

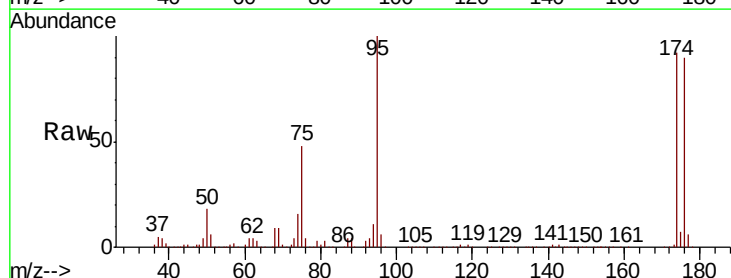
Tgt Ion: 95 Resp: 194751

Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

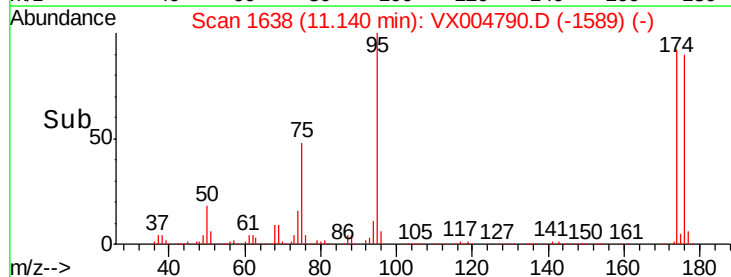
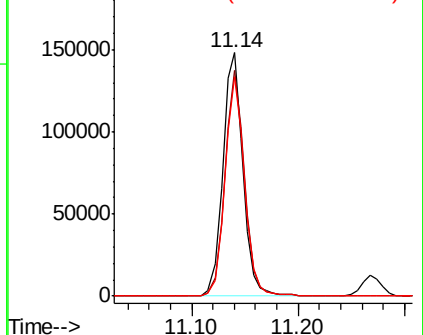
176 88.0 0.0 178.6

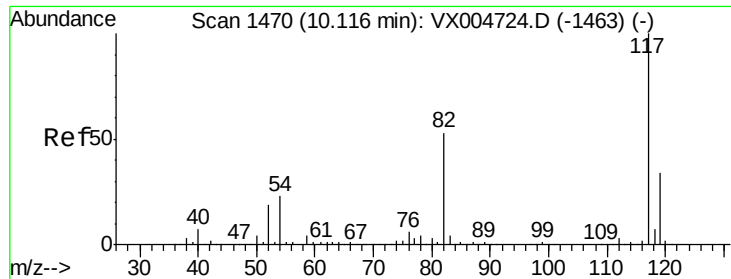


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

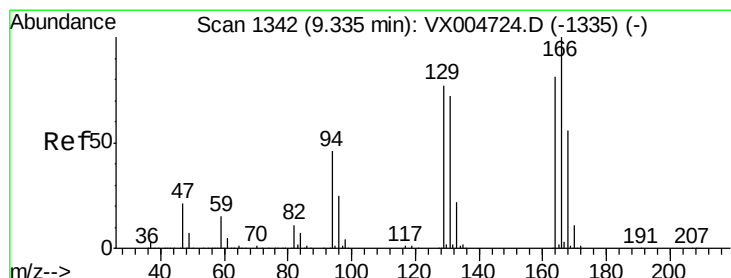
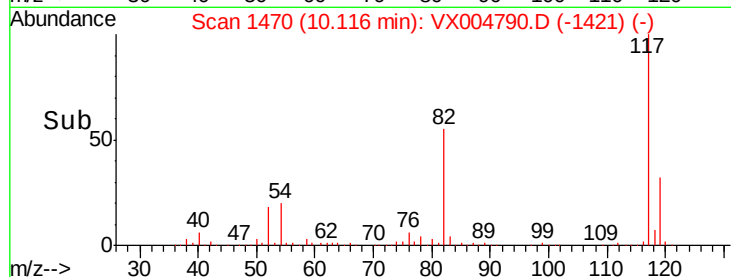
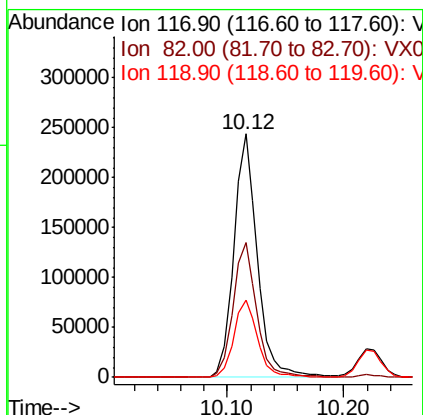
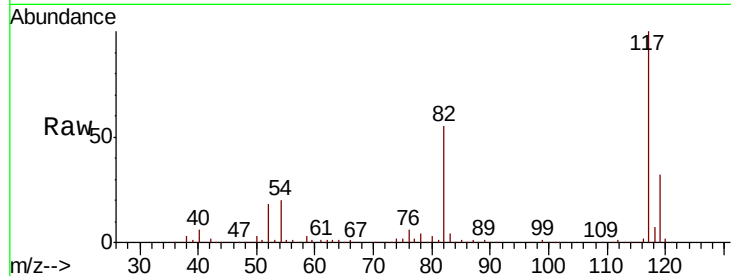




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

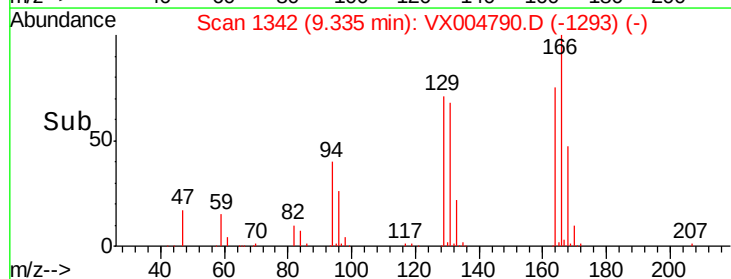
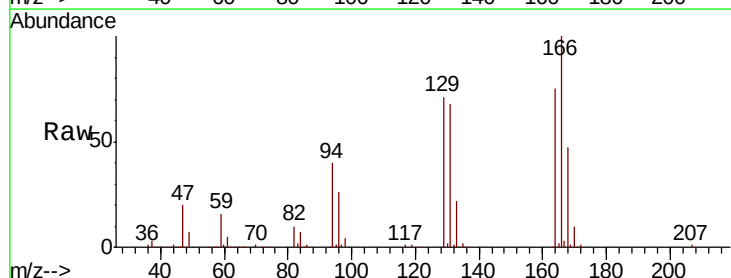
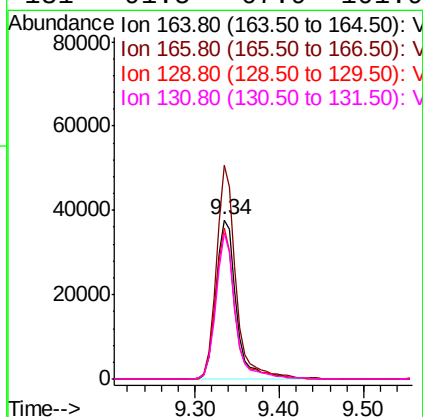
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

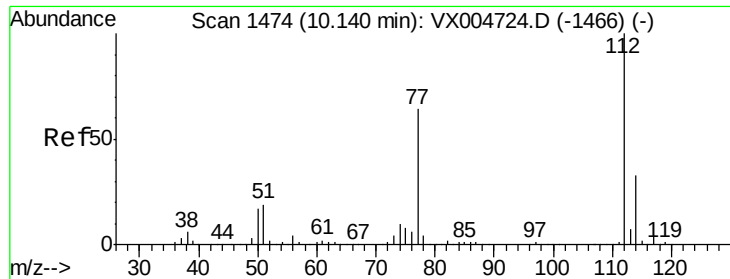
Tot Ion:117 Resp: 341537
Ion Ratio Lower Upper
117 100
82 55.5 47.8 71.6
119 31.9 29.3 43.9



#64
Tetrachloroethene
Concen: 18.824 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion:164 Resp: 63276
Ion Ratio Lower Upper
164 100
166 134.1 102.8 154.2
129 95.1 69.4 104.0
131 91.5 67.9 101.9





#65

Chlorobenzene

Concen: 19.369 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

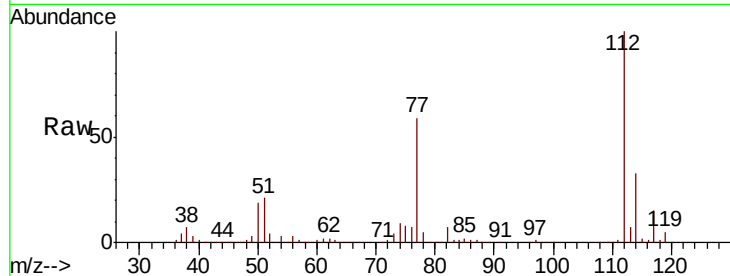
VX0927WBS02

Tot Ion:112 Resp: 169635

Ion Ratio Lower Upper

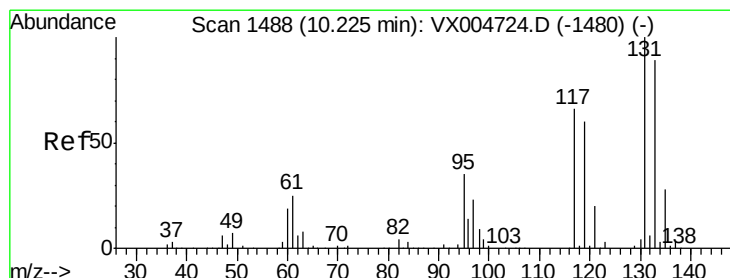
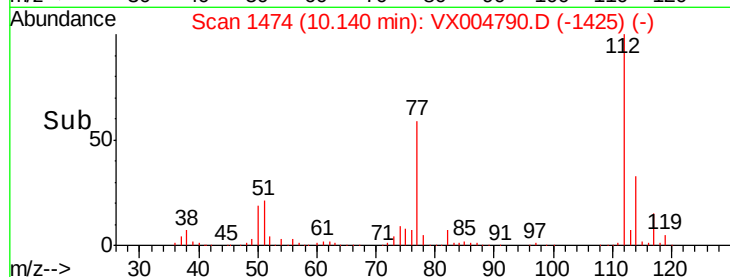
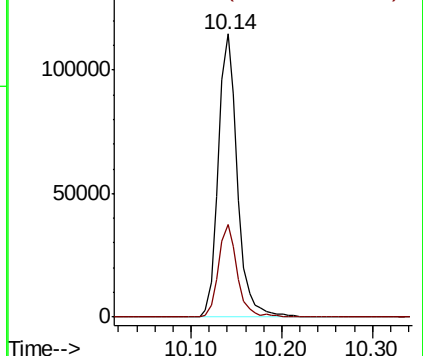
112 100

114 32.6 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.231 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

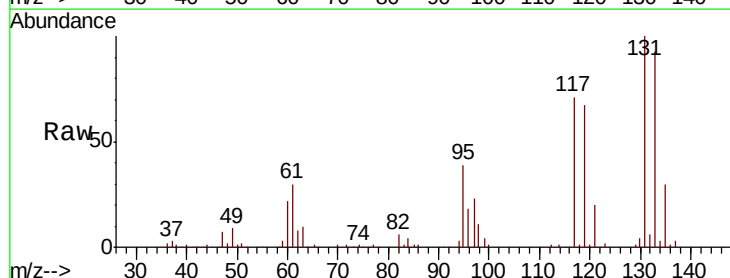
Tgt Ion:131 Resp: 59211

Ion Ratio Lower Upper

131 100

133 95.3 48.1 144.4

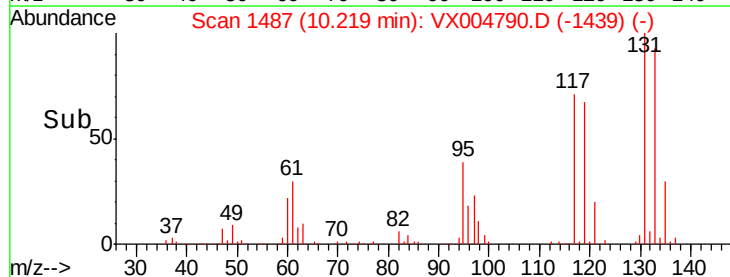
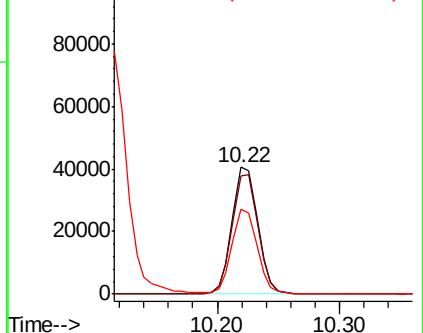
119 66.1 32.9 98.6

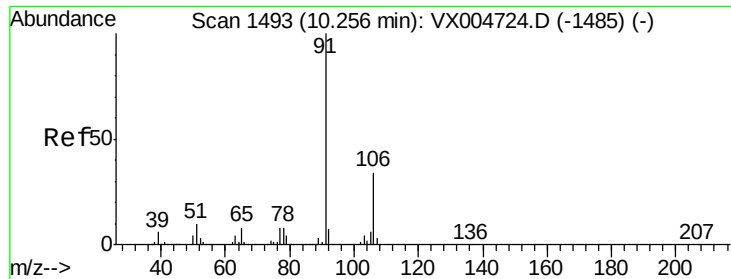


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

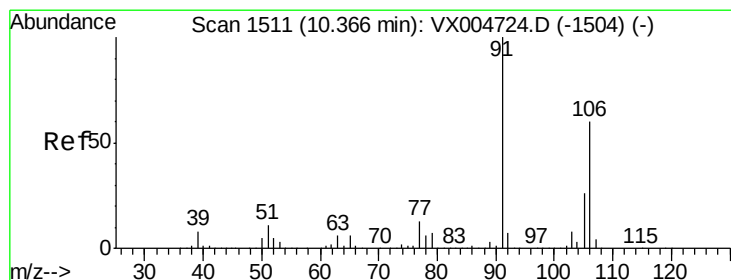
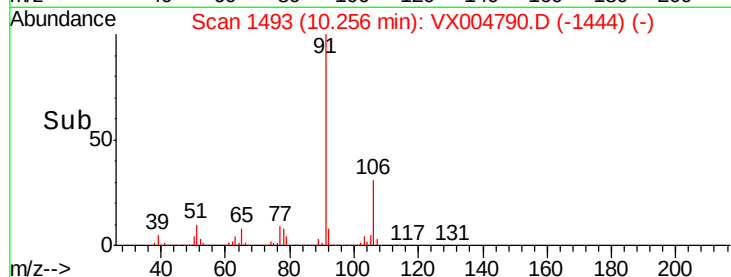
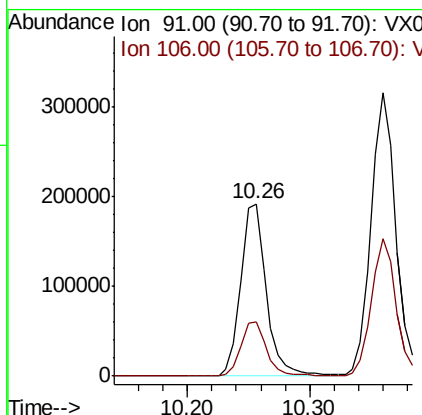
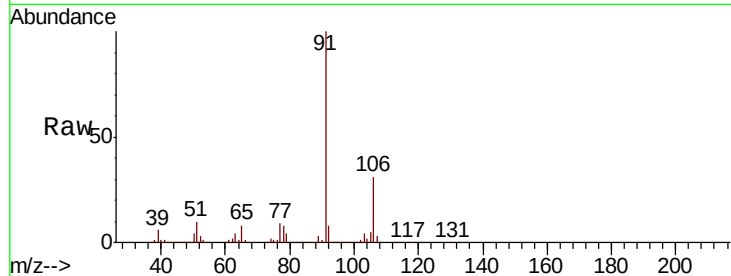




#67
Ethyl Benzene
Concen: 20.130 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

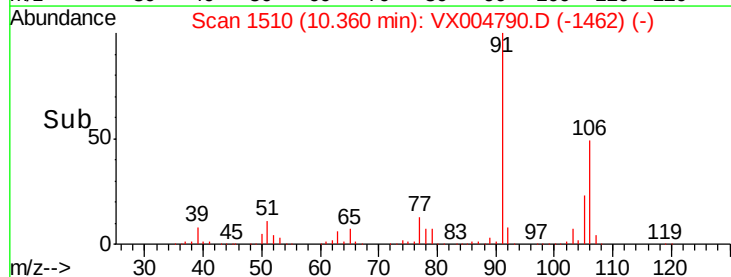
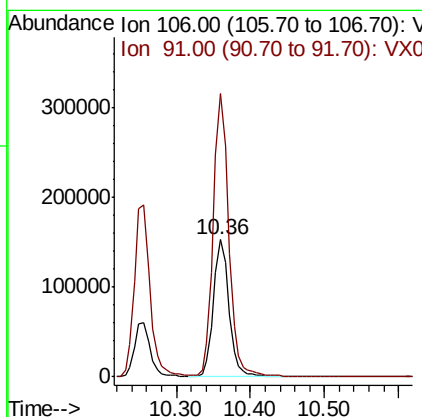
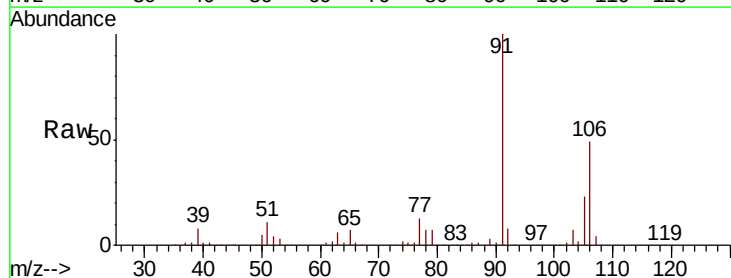
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

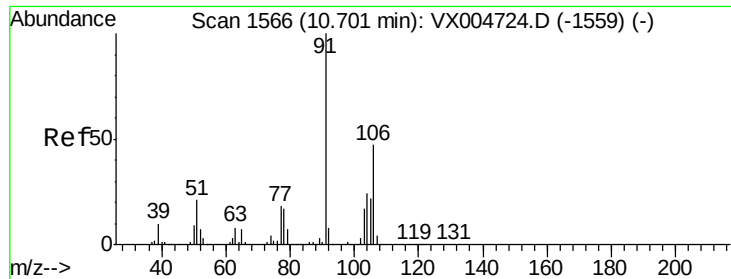
Tot Ion: 91 Resp: 279902
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 40.831 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion: 106 Resp: 221851
Ion Ratio Lower Upper
106 100
91 205.8 157.1 235.7

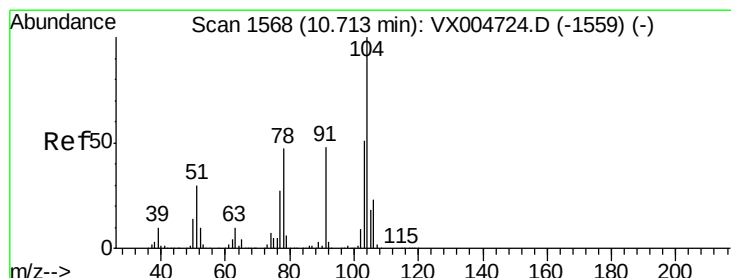
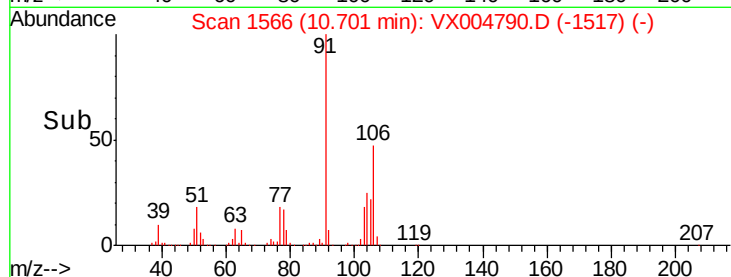
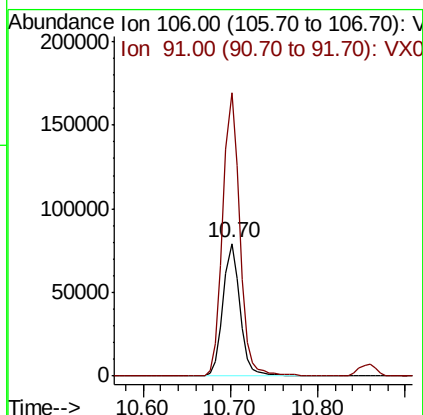
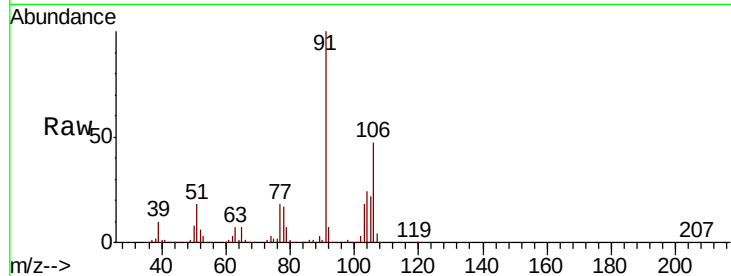




#69
o-Xylene
Concen: 21.361 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

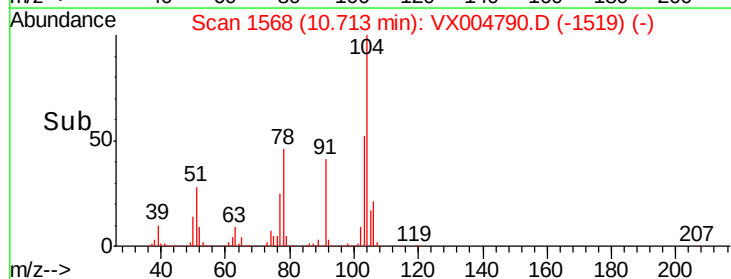
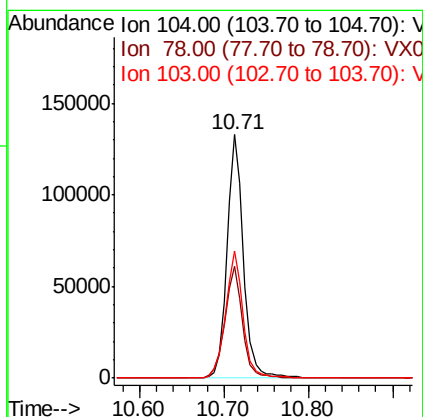
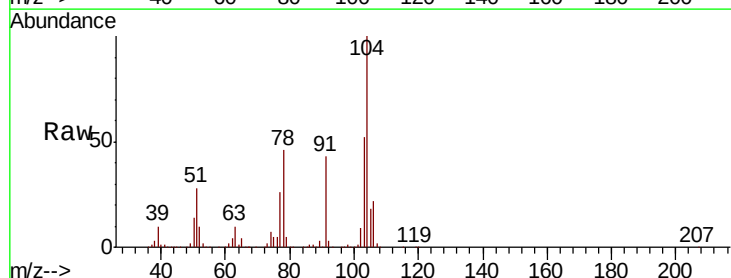
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS02

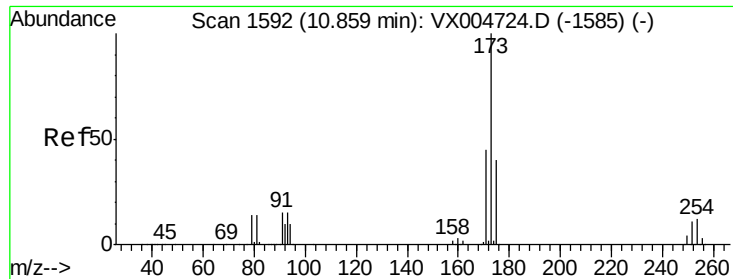
Tot Ion:106 Resp: 106604
Ion Ratio Lower Upper
106 100
91 214.6 105.1 315.1



#70
Styrene
Concen: 20.383 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004790.D
Acq: 27 Sep 2018 23:17

Tgt Ion:104 Resp: 177886
Ion Ratio Lower Upper
104 100
78 49.7 37.4 56.0
103 55.9 43.8 65.6





#71

Bromoform

Concen: 18.806 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

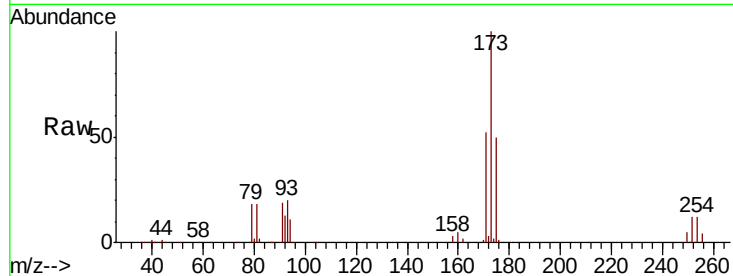
Tot Ion:173 Resp: 49573

Ion Ratio Lower Upper

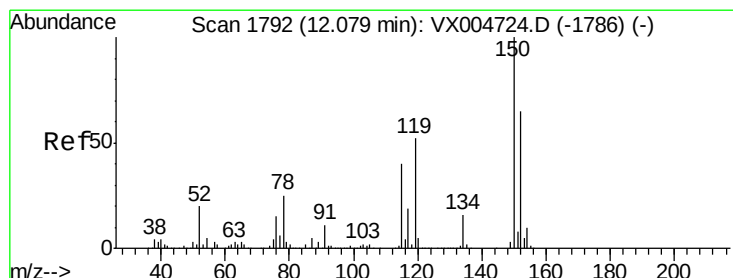
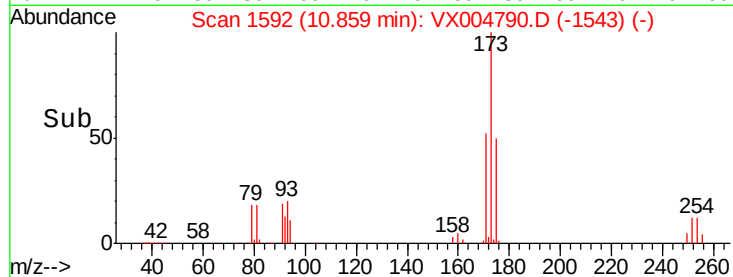
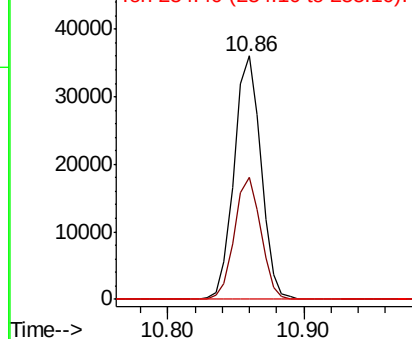
173 100

175 49.3 24.1 72.3

254 0.1 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: VX004790.D

Acq: 27 Sep 2018 23:17

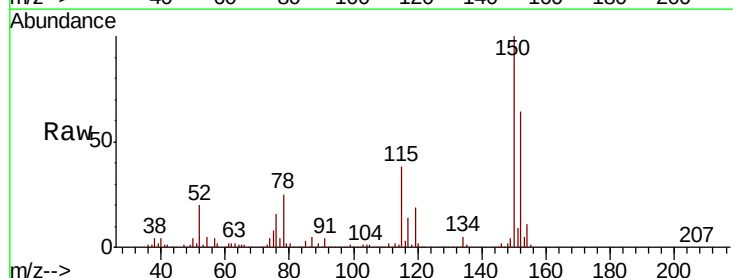
Tgt Ion:152 Resp: 203828

Ion Ratio Lower Upper

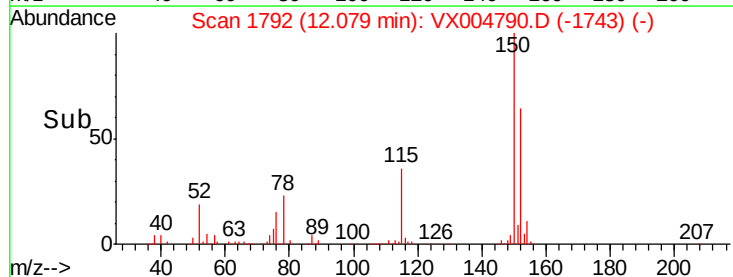
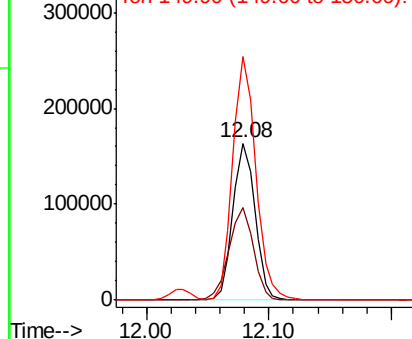
152 100

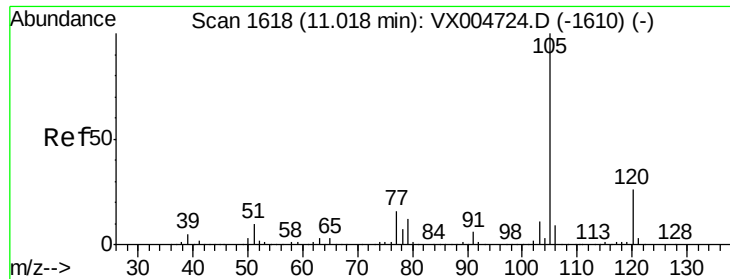
115 65.7 39.0 117.0

150 162.8 0.0 351.0



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: 22.230 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

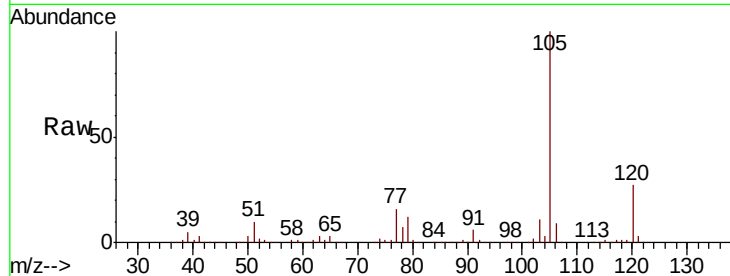
VX0927WBS02

Tot Ion:105 Resp: 285602

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

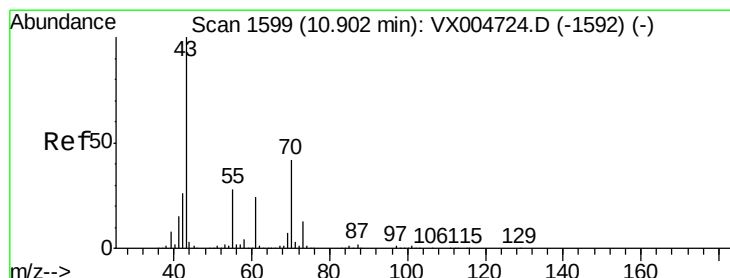
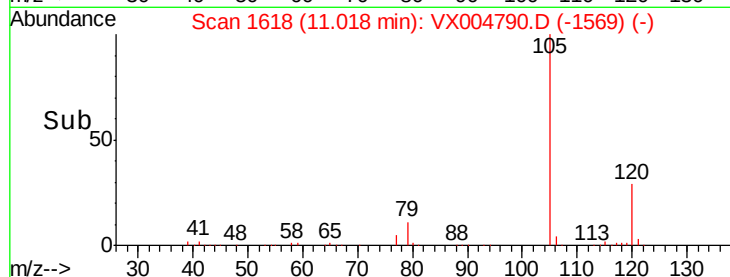
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 20.430 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Tgt Ion: 43 Resp: 136707

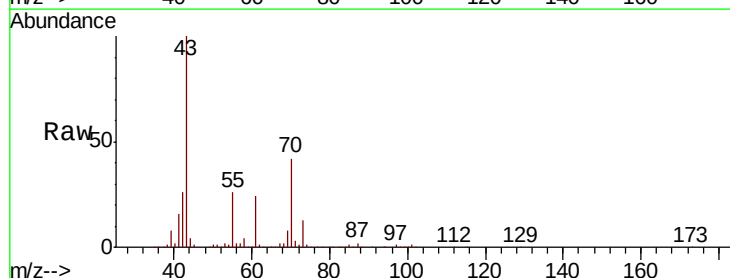
Ion Ratio Lower Upper

43 100

70 40.6 37.4 56.0

55 26.2 21.8 32.8

61 23.4 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

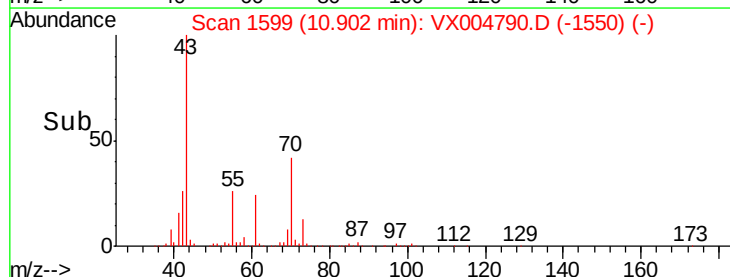
50000

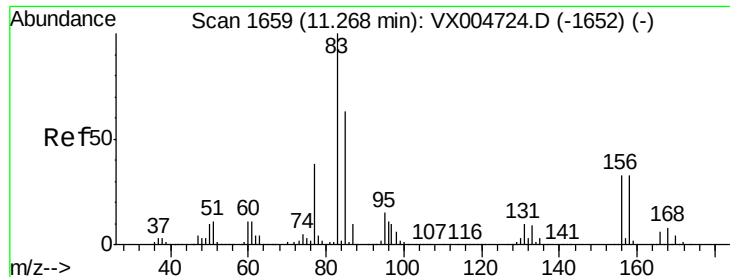
0

10.90

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.660 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS02

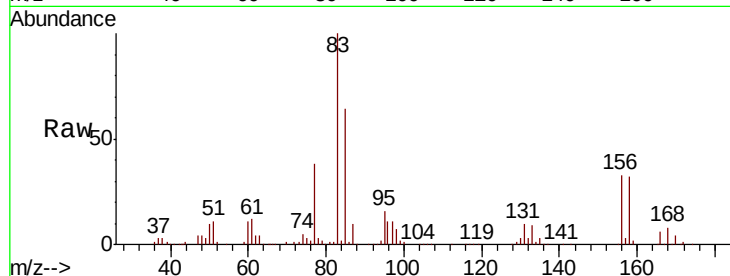
Tot Ion: 83 Resp: 102819

Ion Ratio Lower Upper

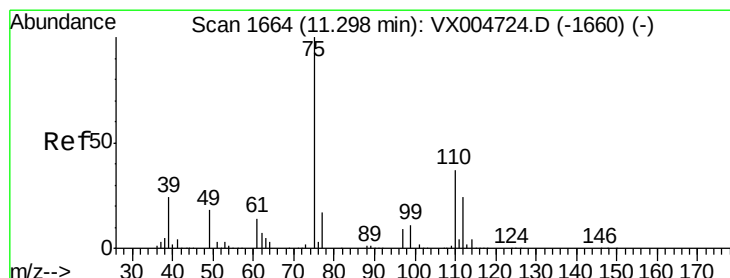
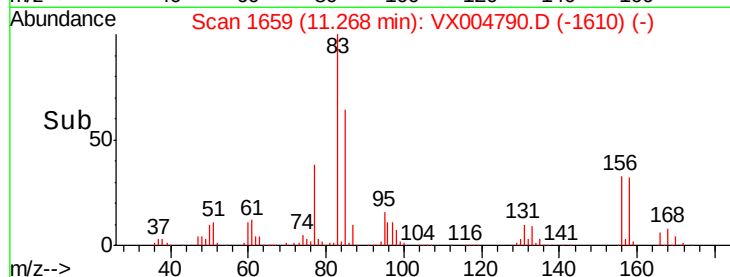
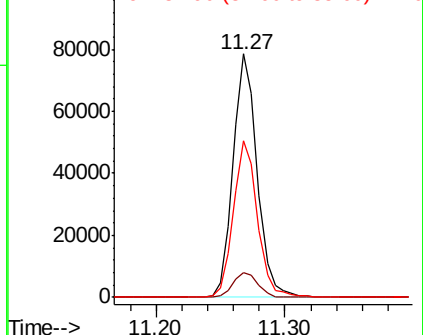
83 100

131 10.4 5.2 15.6

85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.281 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004790.D

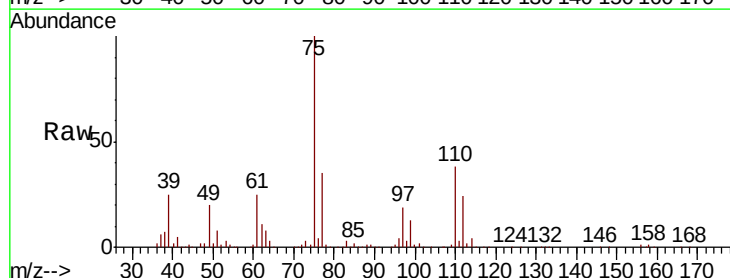
Acq: 27 Sep 2018 23:17

Tgt Ion: 75 Resp: 115496

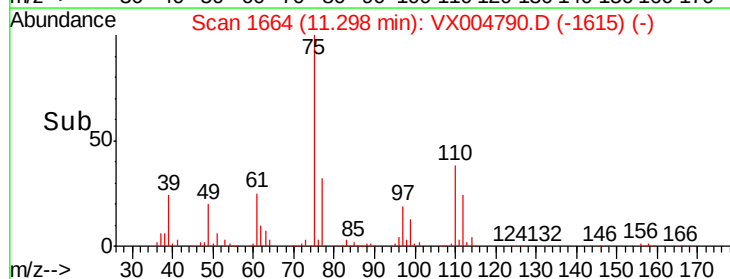
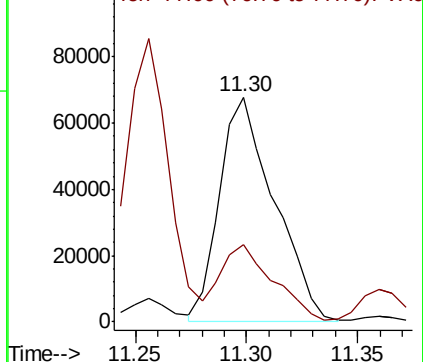
Ion Ratio Lower Upper

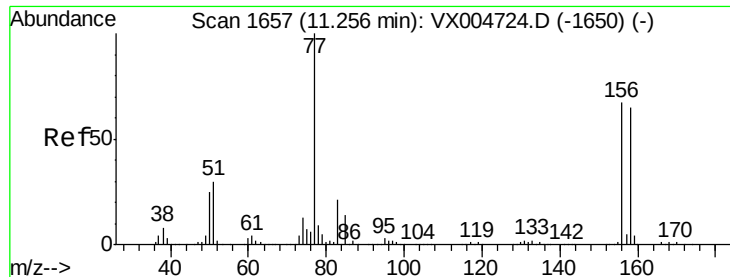
75 100

77 33.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.643 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

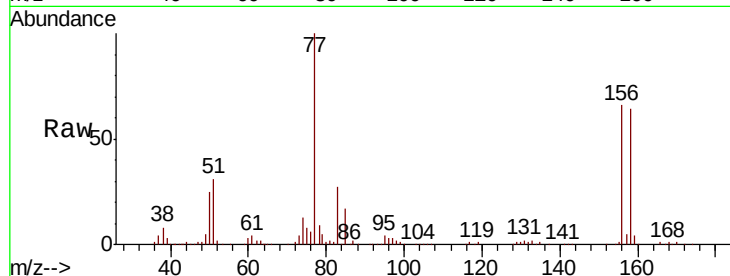
Tot Ion:156 Resp: 77034

Ion Ratio Lower Upper

156 100

77 148.5 71.5 214.3

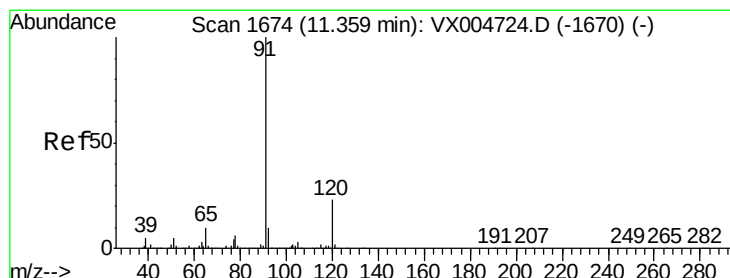
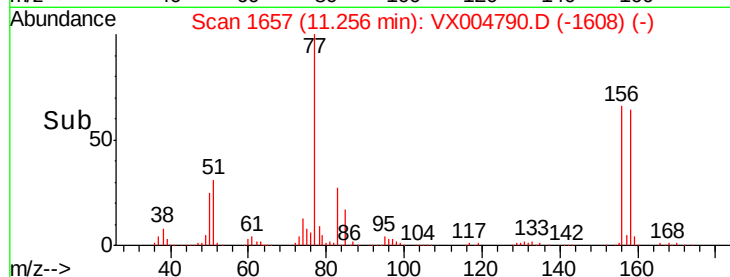
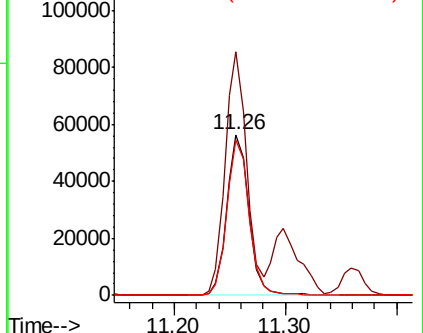
158 98.3 48.9 146.8



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: 22.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004790.D

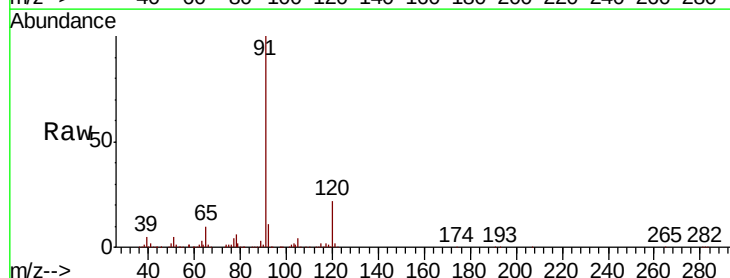
Acq: 27 Sep 2018 23:17

Tgt Ion: 91 Resp: 330294

Ion Ratio Lower Upper

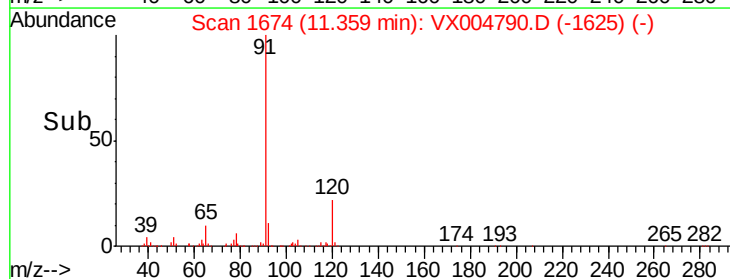
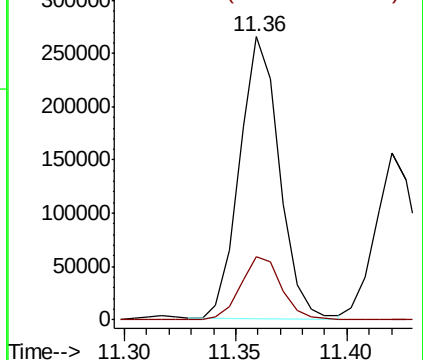
91 100

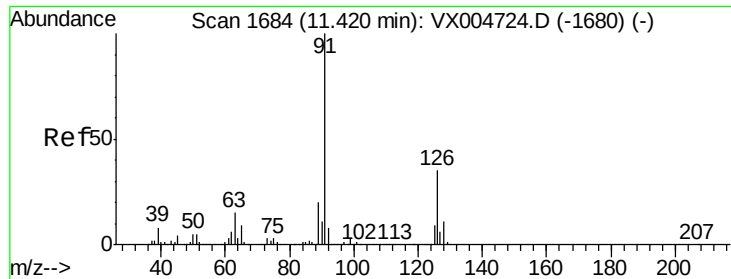
120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.679 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

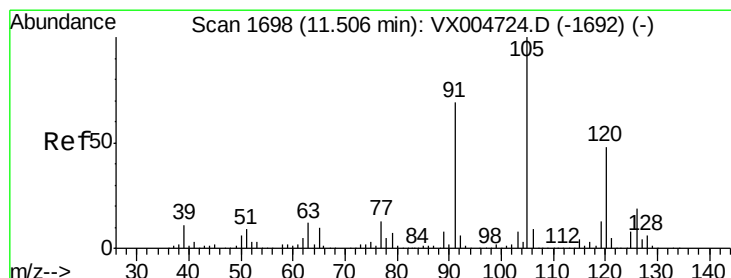
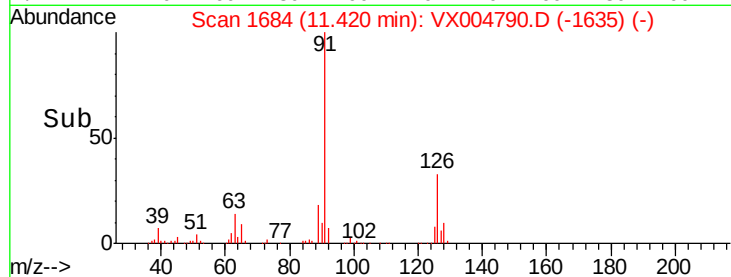
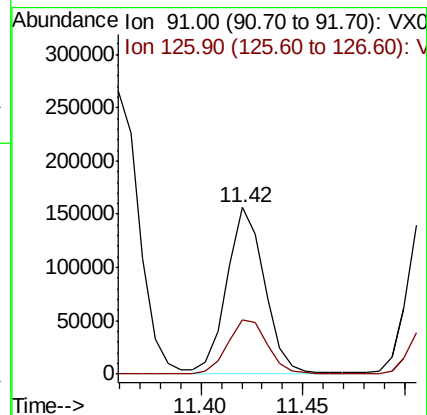
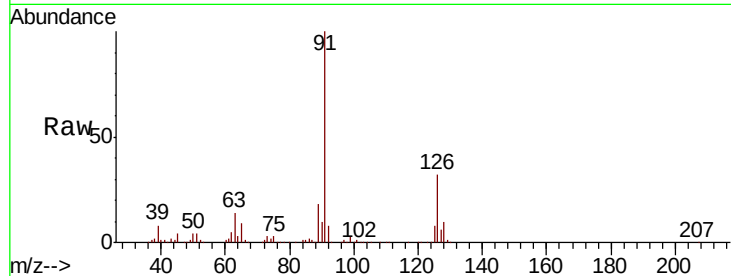
VX0927WBS02

Tot Ion: 91 Resp: 199197

Ion Ratio Lower Upper

91 100

126 34.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.190 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004790.D

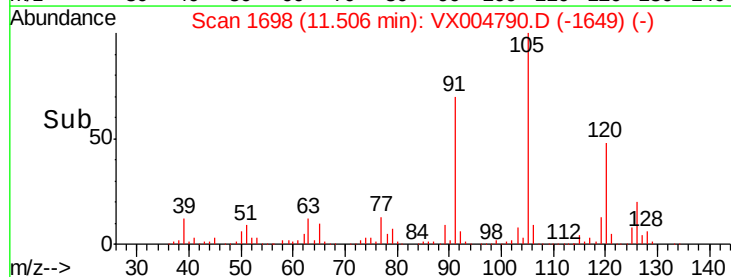
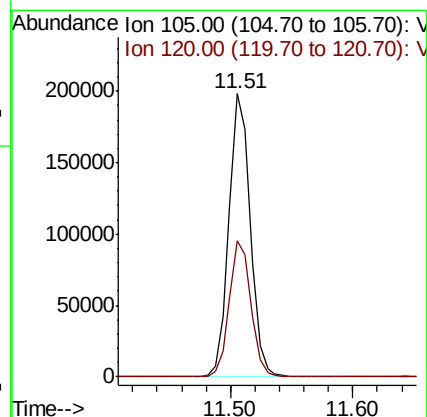
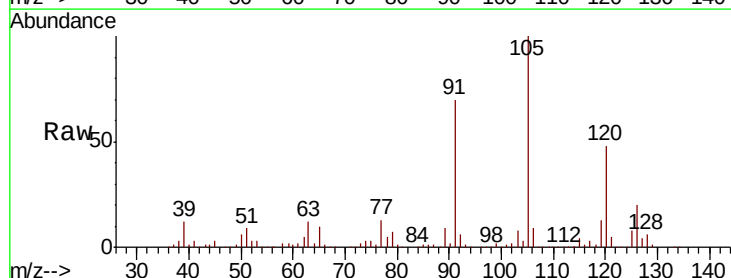
Acq: 27 Sep 2018 23:17

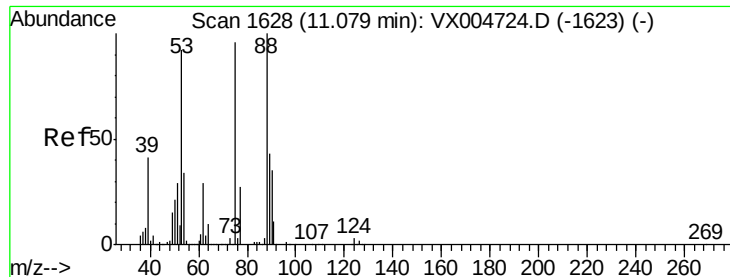
Tgt Ion: 105 Resp: 239130

Ion Ratio Lower Upper

105 100

120 48.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.586 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

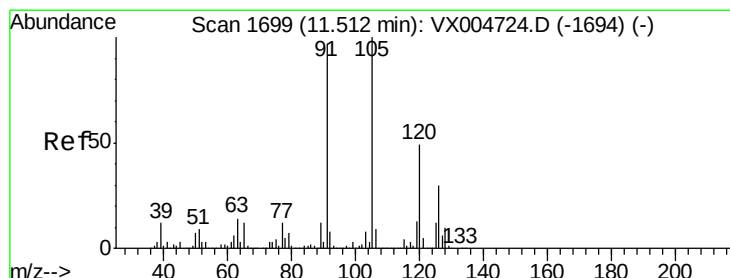
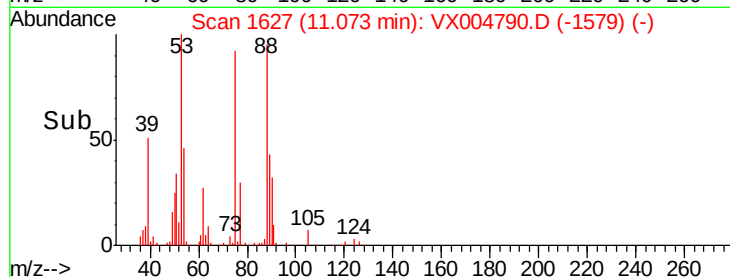
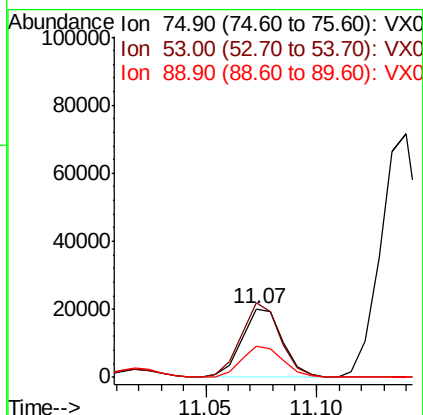
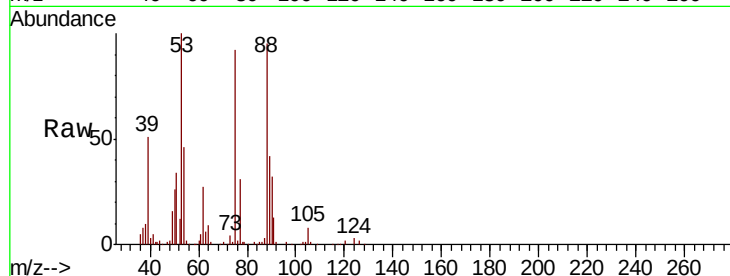
Tot Ion: 75 Resp: 25466

Ion Ratio Lower Upper

75 100

53 104.7 80.1 120.1

89 46.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 21.555 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004790.D

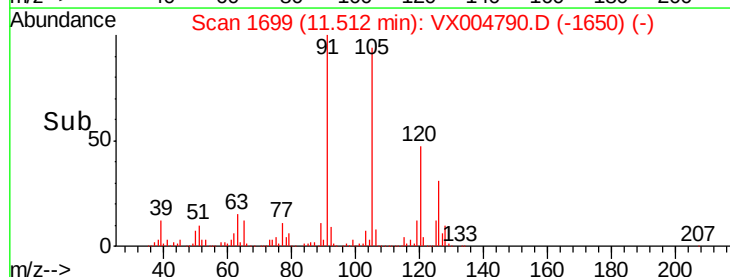
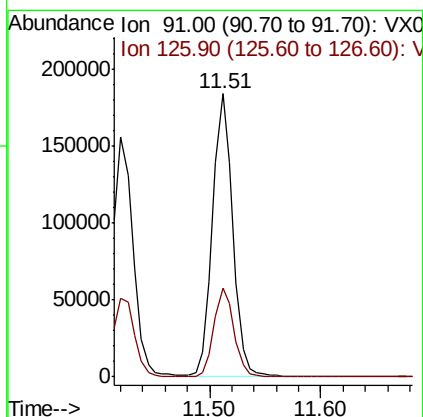
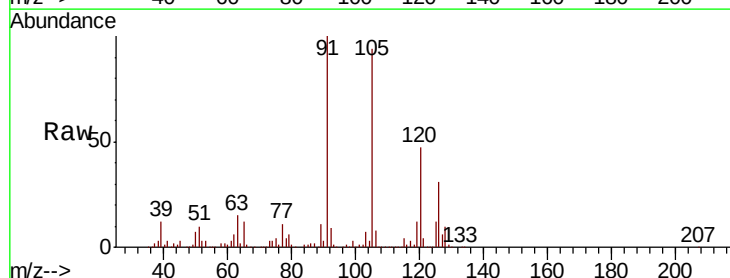
Acq: 27 Sep 2018 23:17

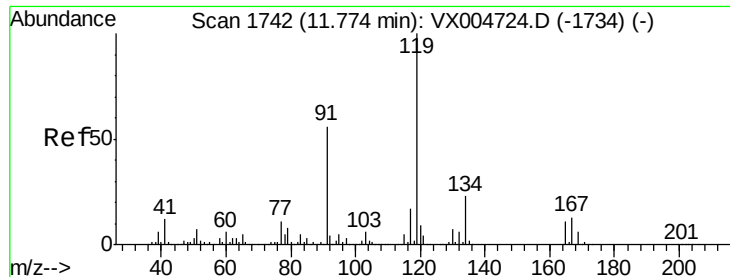
Tgt Ion: 91 Resp: 233120

Ion Ratio Lower Upper

91 100

126 31.1 15.5 46.5

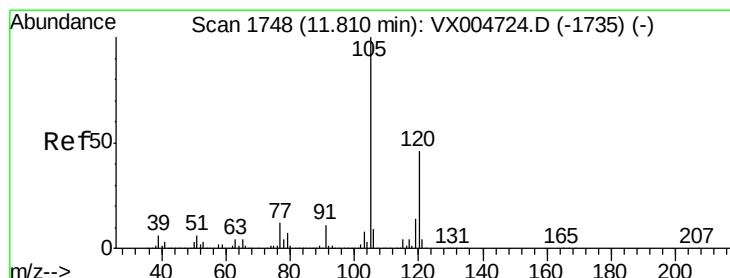
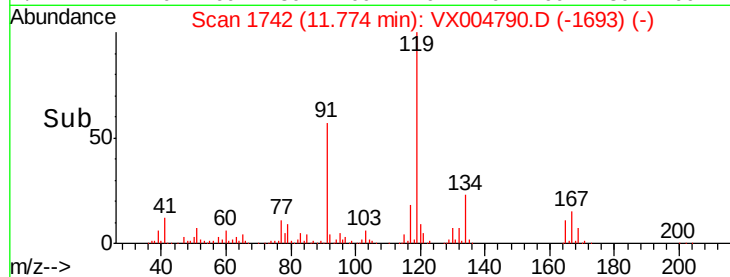
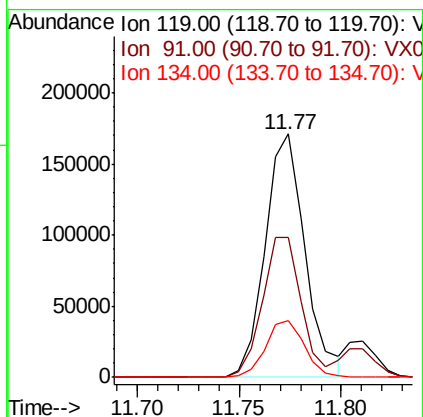
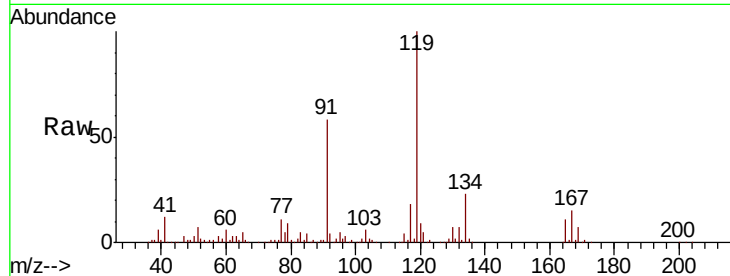




#83
 tert-Butylbenzene
 Concen: 21.998 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

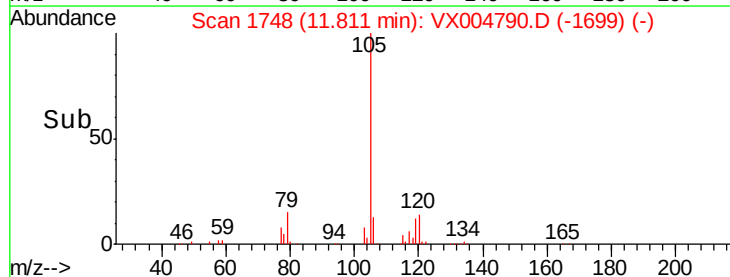
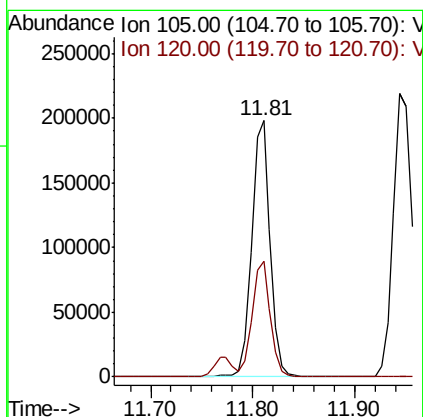
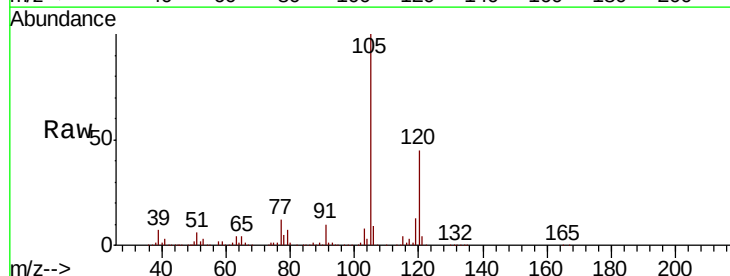
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

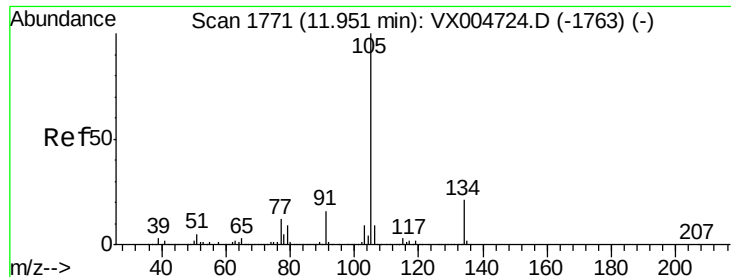
Tot Ion:119 Resp: 232695
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.0 81.0
 134 23.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.481 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion:105 Resp: 250134
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.021 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

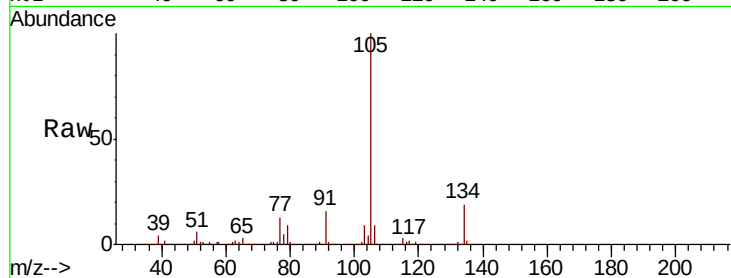
VX0927WBS02

Tot Ion:105 Resp: 283726

Ion Ratio Lower Upper

105 100

134 20.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

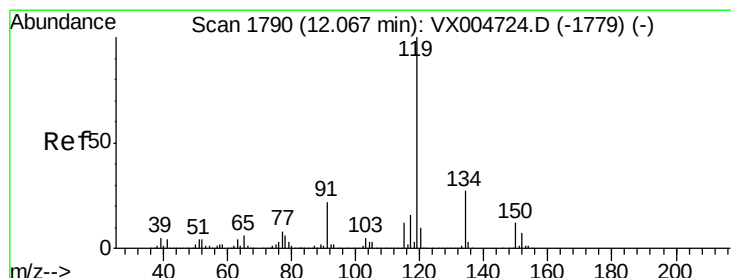
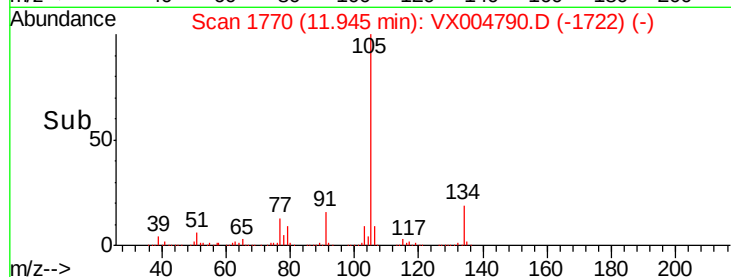
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.805 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

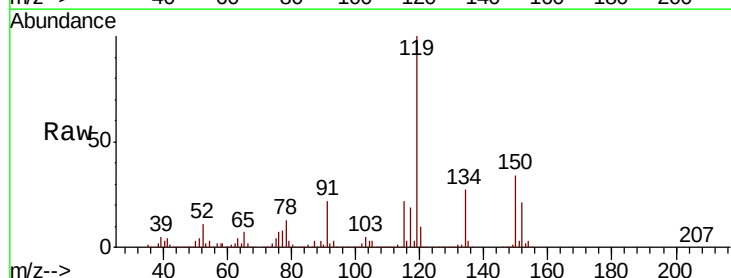
Tgt Ion:119 Resp: 254531

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 23.1 10.9 32.7



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

300000

250000

200000

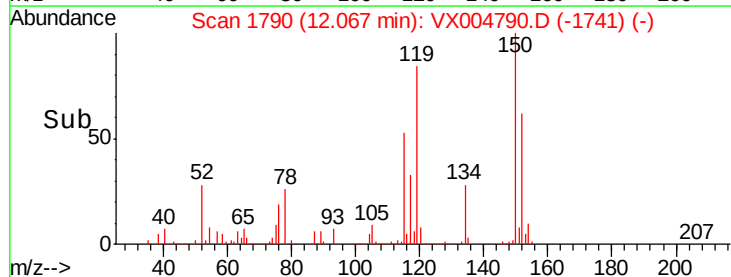
150000

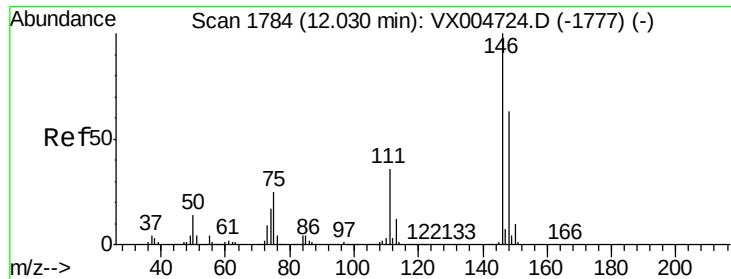
100000

50000

0

Time-->

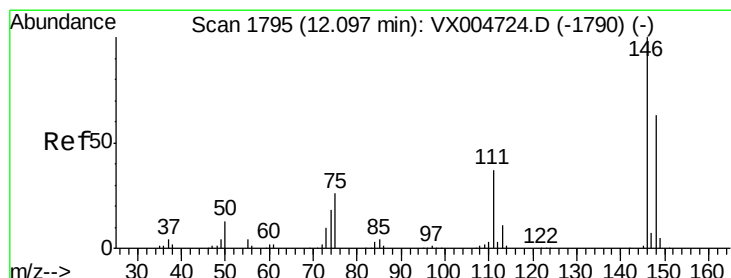
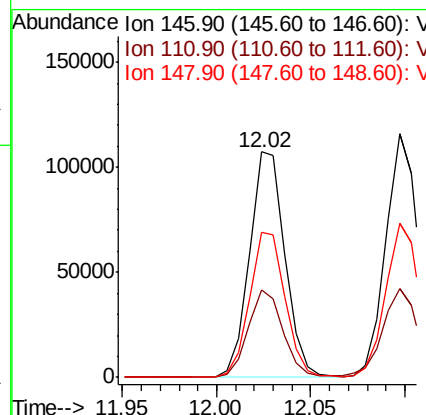
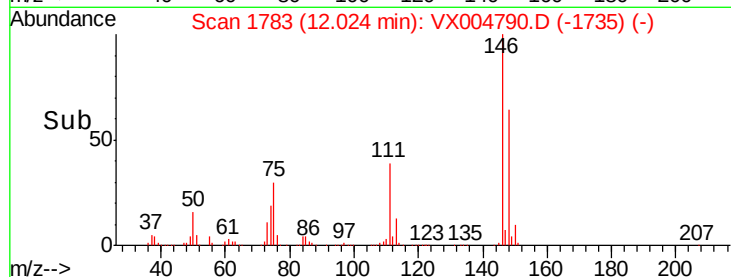
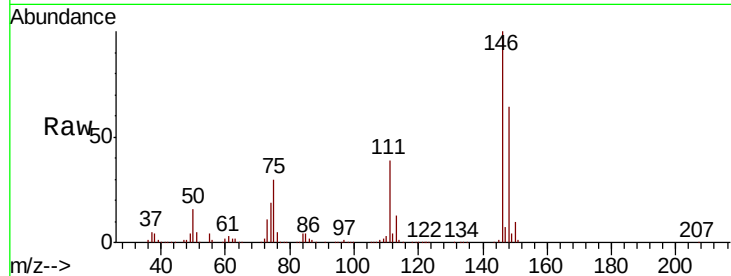




#87
 1,3-Dichlorobenzene
 Concen: 20.159 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

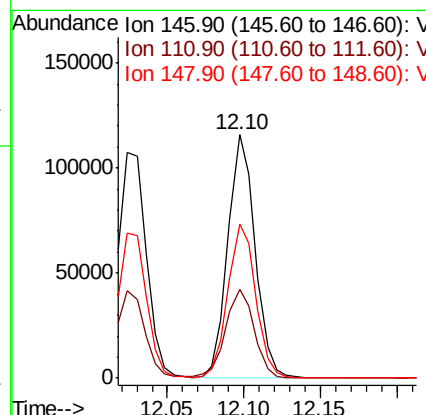
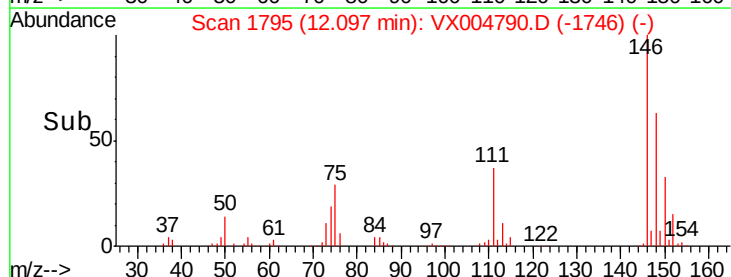
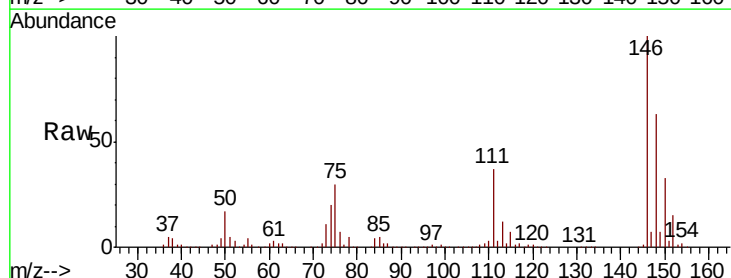
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

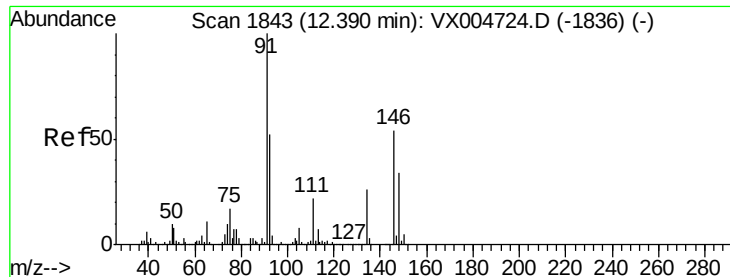
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.941 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	64.7	32.0	96.0





#89

n-Butylbenzene

Concen: 20.711 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampled :

VX0927WBS02

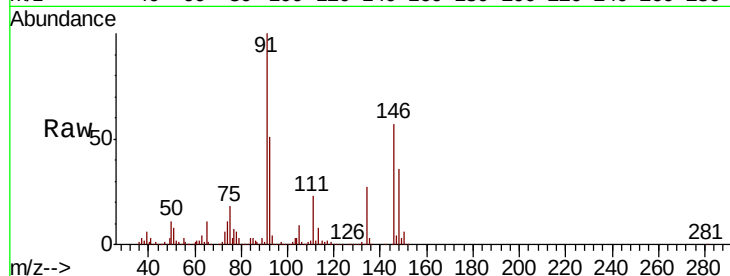
Tot Ion: 91 Resp: 219569

Ion Ratio Lower Upper

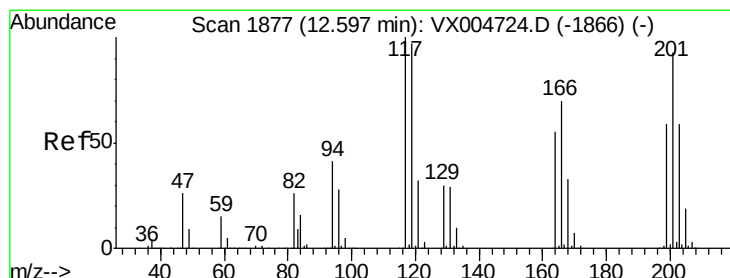
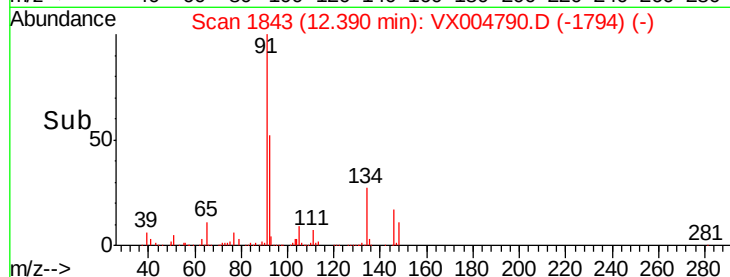
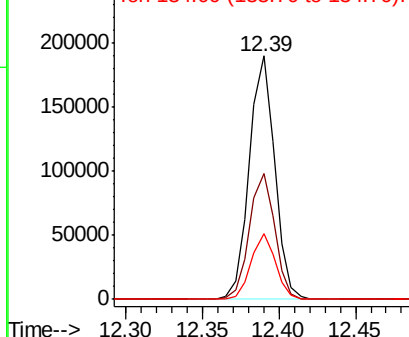
91 100

92 51.7 27.3 81.9

134 26.1 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.028 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004790.D

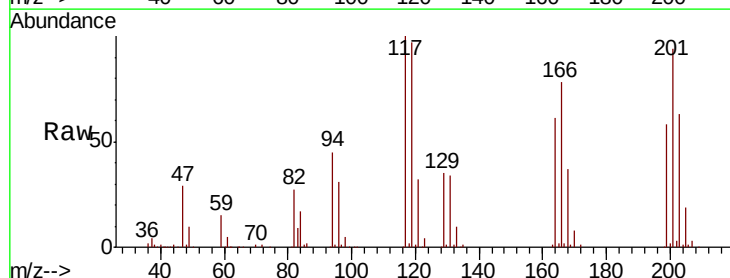
Acq: 27 Sep 2018 23:17

Tgt Ion: 117 Resp: 38926

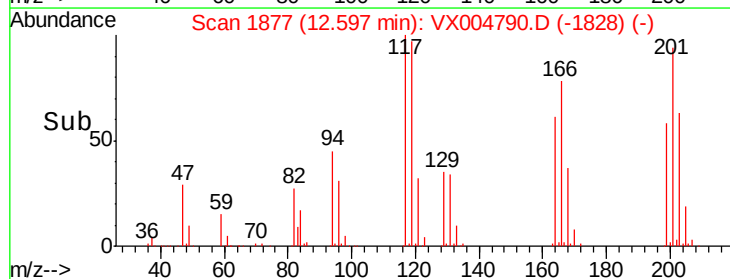
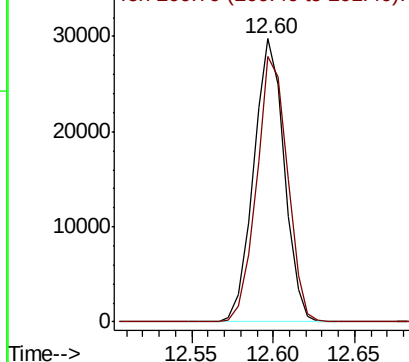
Ion Ratio Lower Upper

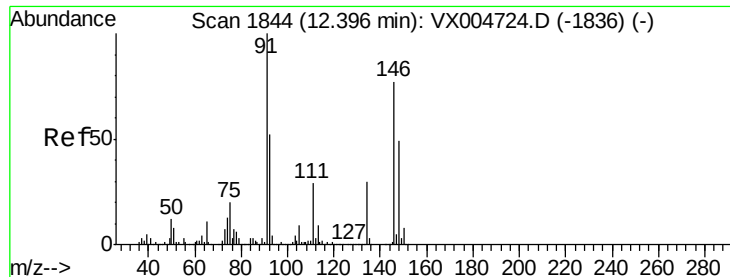
117 100

201 94.3 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.497 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

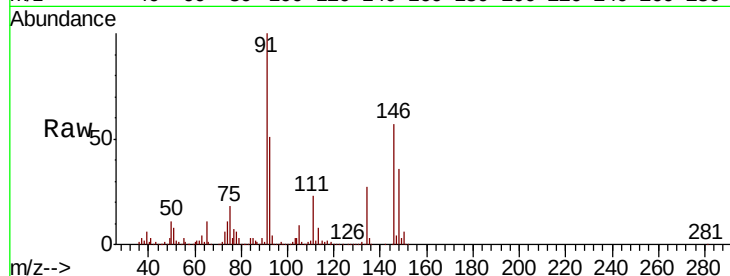
Tot Ion:146 Resp: 141977

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

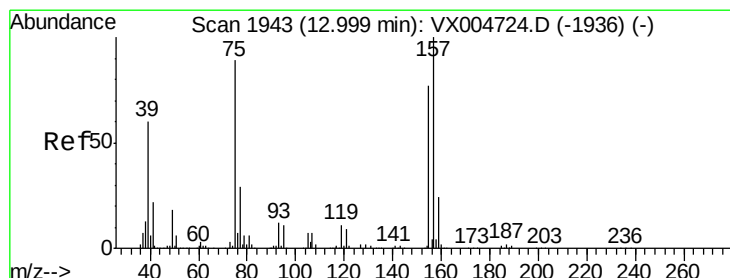
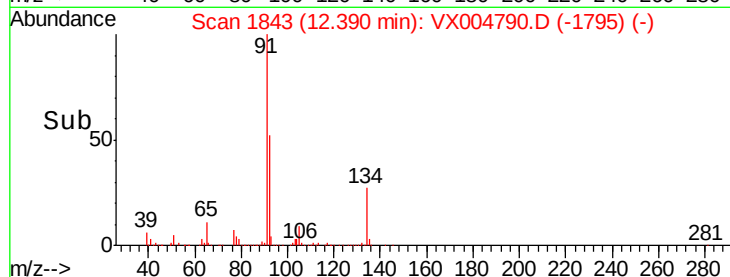
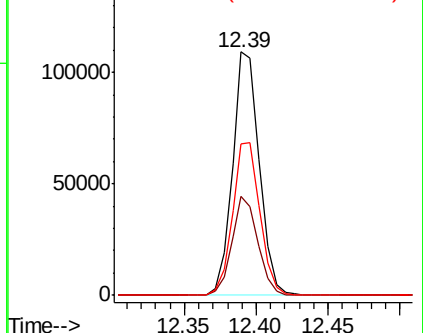
148 64.0 32.8 98.3



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: 20.060 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

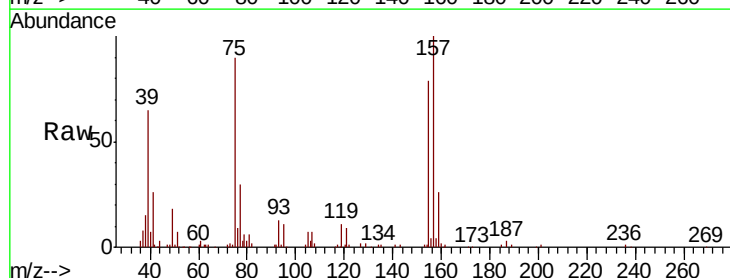
Tgt Ion: 75 Resp: 23035

Ion Ratio Lower Upper

75 100

155 91.5 48.0 144.2

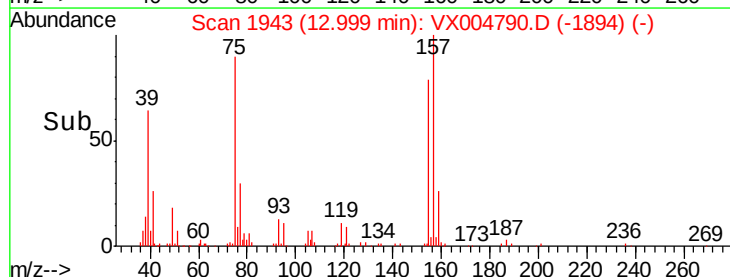
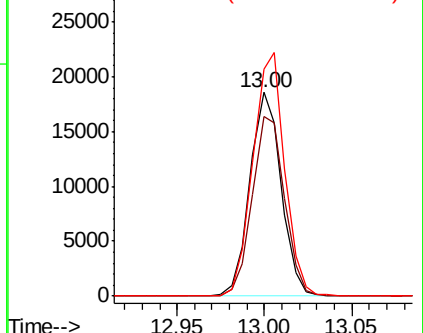
157 121.2 61.4 184.1

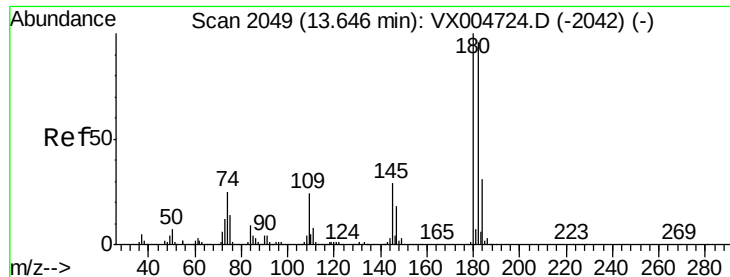


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

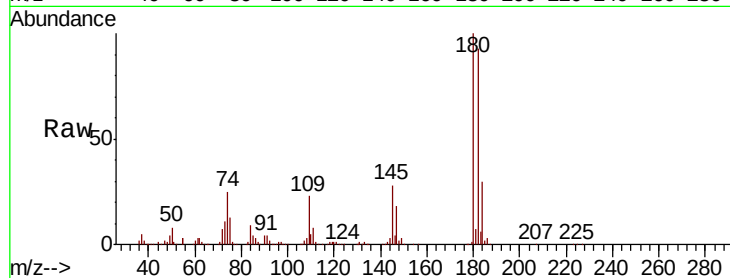




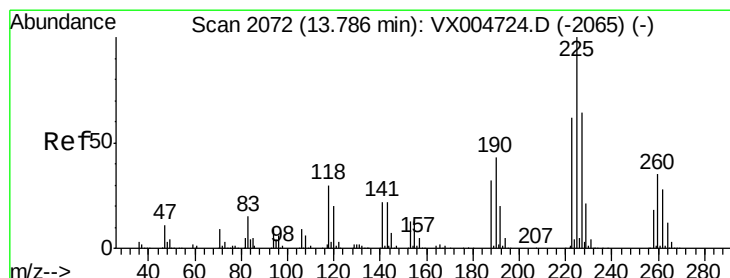
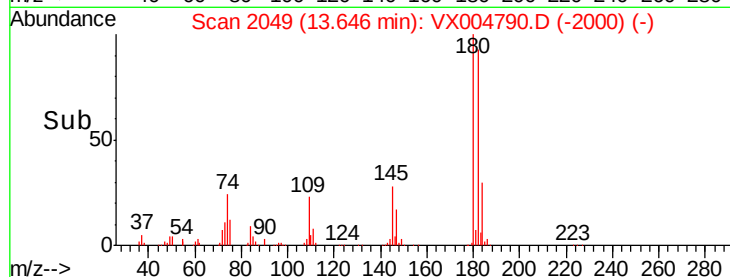
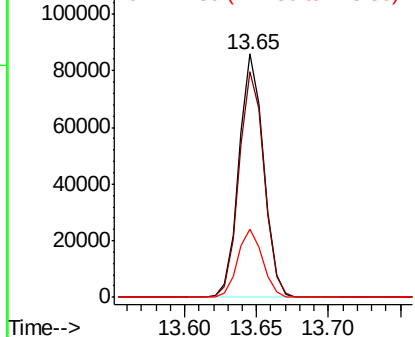
#93
 1,2,4-Trichlorobenzene
 Concen: 19.946 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.0
145	28.4	14.3	42.9

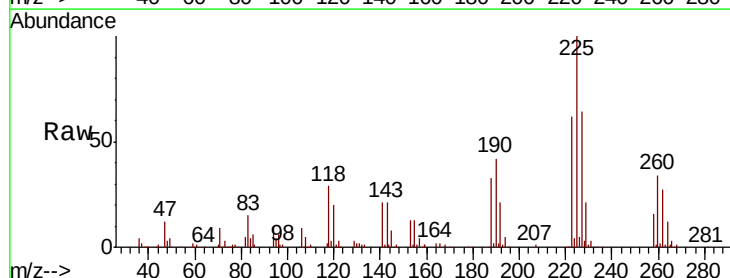


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

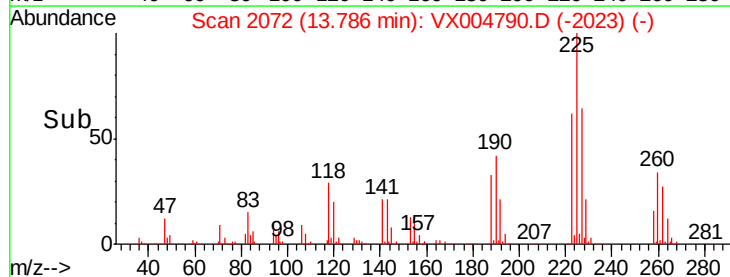
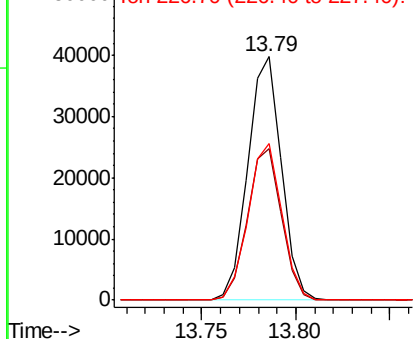


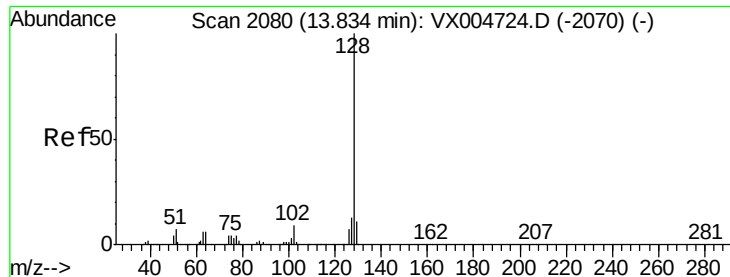
#94
 Hexachlorobutadiene
 Concen: 18.470 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004790.D
 Acq: 27 Sep 2018 23:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.1	90.5
227	64.7	30.8	92.4



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





#95

Naphthalene

Concen: 19.679 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS02

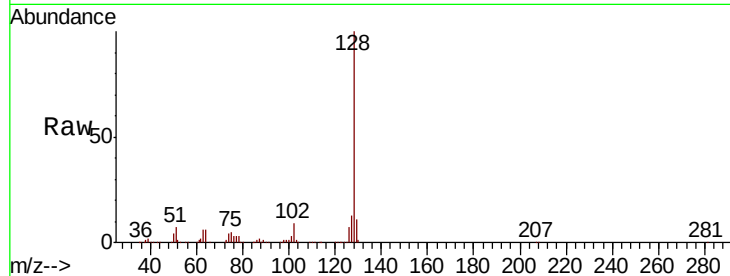
Tot Ion:128 Resp: 326142

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

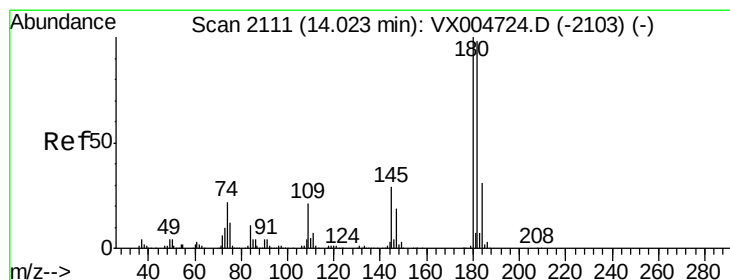
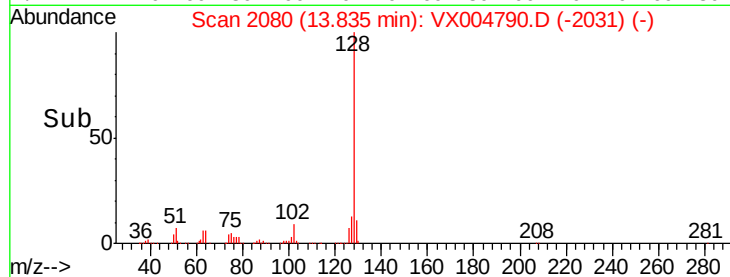
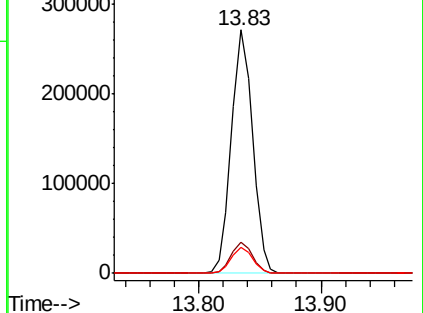
129 10.8 8.6 12.8



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: 20.293 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004790.D

Acq: 27 Sep 2018 23:17

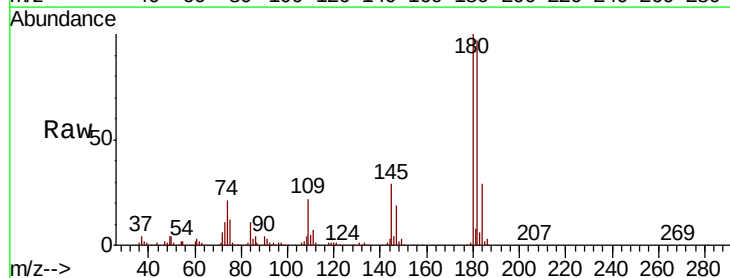
Tgt Ion:180 Resp: 107080

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 30.2 14.9 44.9



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

