

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005025.D
 Acq On : 04 Oct 2018 18:15
 Operator : JC/MD
 Sample : J5155-05 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 03:22:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216613	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	172140	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	5.50	113	144785	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	
50) Toluene-d8	8.72	98	539577	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	207779	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	915	0.426	ug/l #	65
6) Chloroethane	1.73	64	166	Below Cal	#	45
11) Tert butyl alcohol	3.08	59	333	0.357	ug/l #	54
16) Acetone	2.45	43	2524	1.297	ug/l #	86
17) Carbon Disulfide	2.57	76	1957	0.258	ug/l #	90
20) Methylene Chloride	2.85	84	713	Below Cal	#	80
25) 2-Butanone	4.71	43	864	0.301	ug/l	97
26) 2,2-Dichloropropane	4.77	77	1242	0.322	ug/l #	50
29) Tetrahydrofuran	5.17	42	1117	0.627	ug/l #	81
31) Cyclohexane	5.57	56	864	0.204	ug/l #	55
36) 1,1-Dichloropropene	5.67	75	16309	3.700	ug/l #	45
38) Carbon Tetrachloride	5.67	117	20548	4.435	ug/l #	16
40) Benzene	6.15	78	532541	38.593	ug/l	94
42) 1,2-Dichloroethane	6.14	62	4541	0.931	ug/l #	73
49) 1,4-Dioxane	7.78	88	26	0.273	ug/l #	1
51) 4-Methyl-2-Pentanone	8.71	43	2032	0.382	ug/l #	1
52) Toluene	8.79	92	4258403	561.619	ug/l	99
53) t-1,3-Dichloropropene	8.79	75	48820	10.850	ug/l #	1
55) 1,1,2-Trichloroethane	9.08	97	78538	23.647	ug/l #	17
56) Ethyl methacrylate	9.08	69	4818	3.705	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.32	63	20	14.249	ug/l #	49
67) Ethyl Benzene	10.26	91	510424	34.489	ug/l	97
68) m/p-Xylenes	10.36	106	630045	108.942	ug/l	96
69) o-Xylene	10.70	106	249488	46.967	ug/l	100
70) Styrene	10.70	104	19906	4.058	ug/l #	1
73) Isopropylbenzene	11.02	105	24371	1.785	ug/l	99
74) N-amyl acetate	10.90	43	190	1.772	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	100966	20.796	ug/l #	35
78) n-propylbenzene	11.36	91	7383	0.471	ug/l	98
79) 2-Chlorotoluene	11.43	91	17160	1.757	ug/l #	55
80) 1,3,5-Trimethylbenzene	11.51	105	61206	4.712	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	100966	56.451	ug/l #	10
82) 4-Chlorotoluene	11.51	91	7266	0.632	ug/l #	50
83) tert-Butylbenzene	11.81	119	23016	2.047	ug/l #	61

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

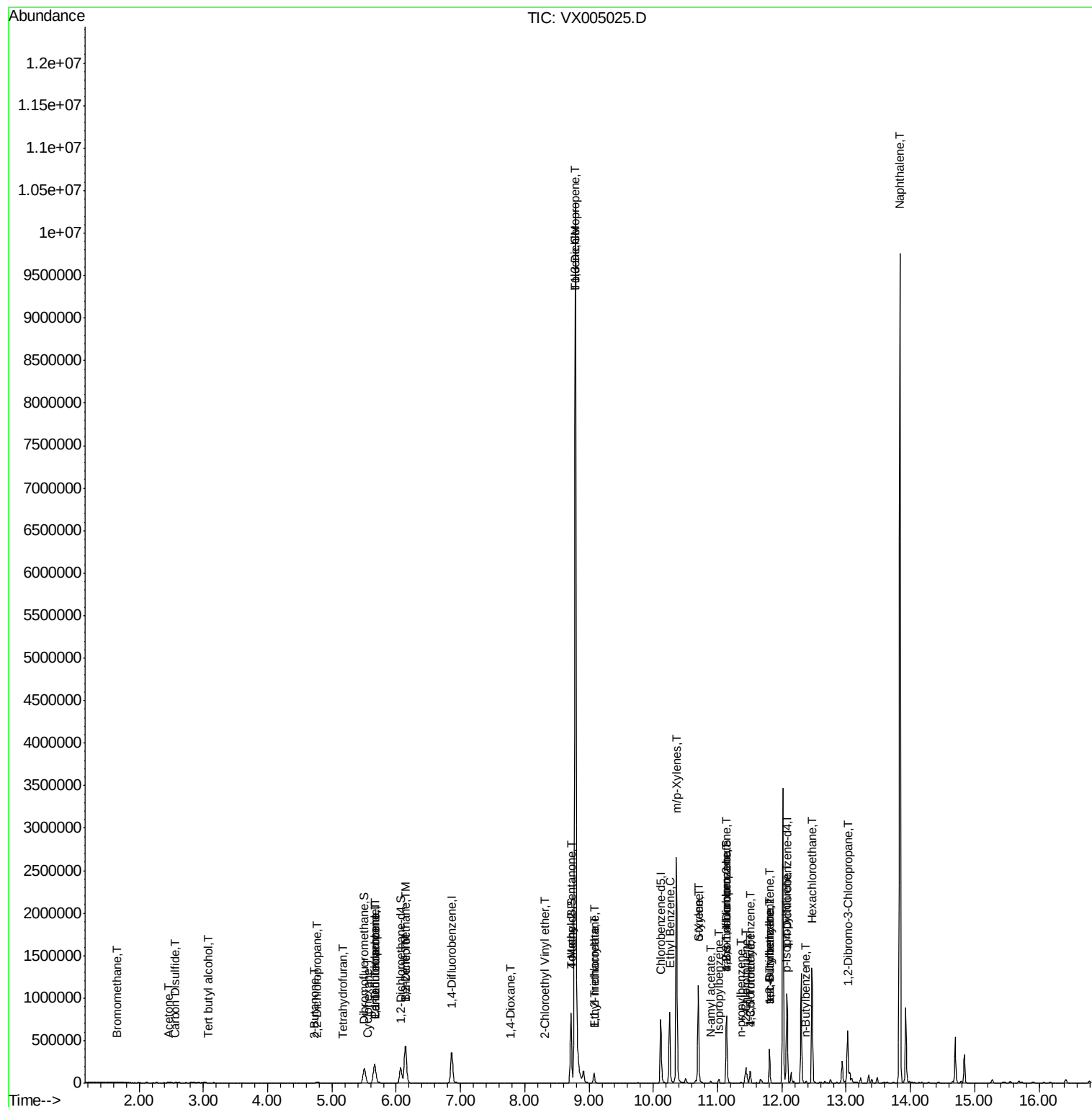
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	176995	13.571	ug/l	99
85) sec-Butylbenzene	11.81	105	176995	12.927	ug/l #	56
86) p-Isopropyltoluene	12.07	119	27492	2.216	ug/l	96
89) n-Butylbenzene	12.38	91	2785	0.247	ug/l #	22
90) Hexachloroethane	12.47	117	50509	24.454	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	11077	9.077	ug/l #	1
95) Naphthalene	13.83	128	5962498	326.879	ug/l	99

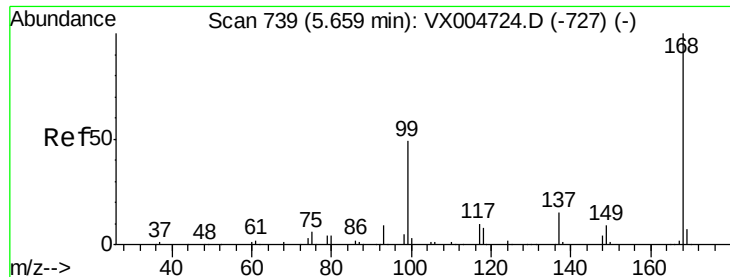
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

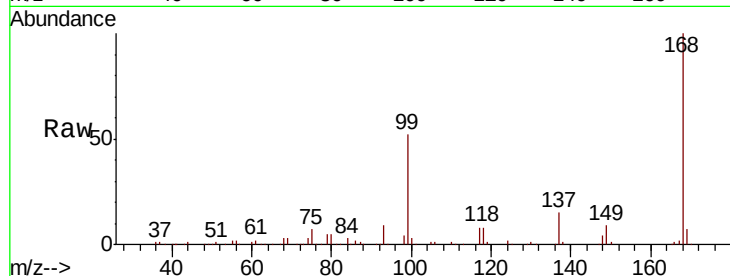
ClientSampleId :

Tot Ion:168 Resp: 233289

Ion Ratio Lower Upper

168 100

99 51.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

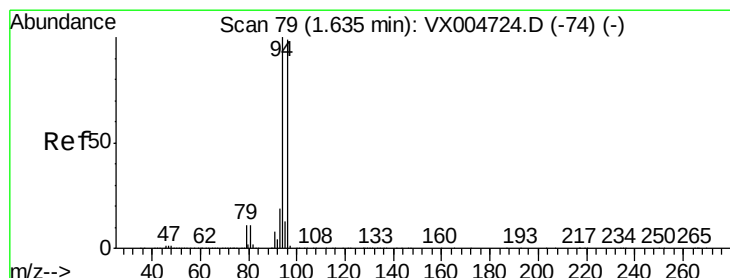
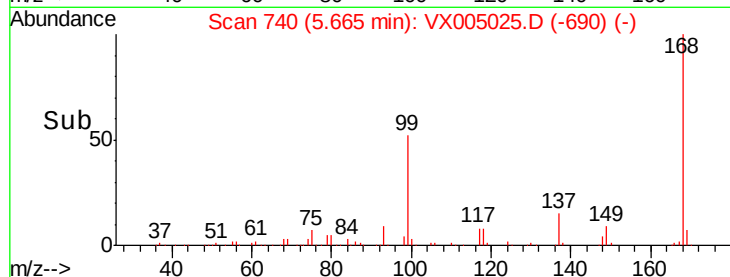
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.426 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005025.D

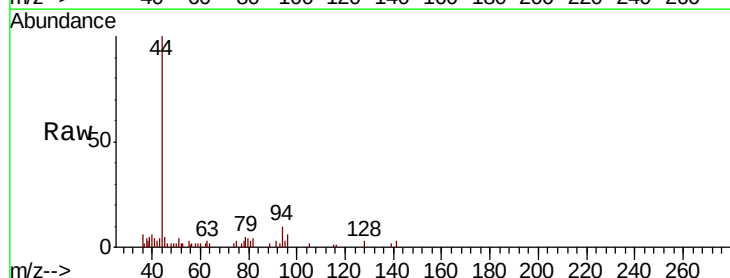
Acq: 04 Oct 2018 18:15

Tgt Ion: 94 Resp: 915

Ion Ratio Lower Upper

94 100

96 64.9 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

400

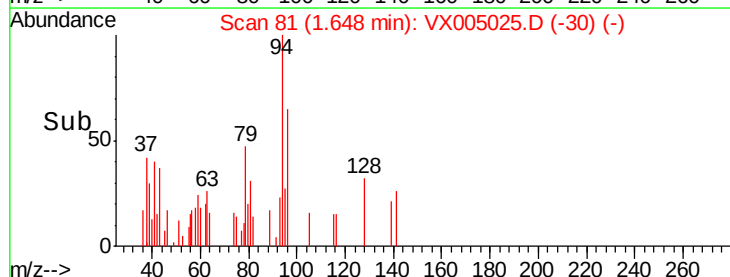
300

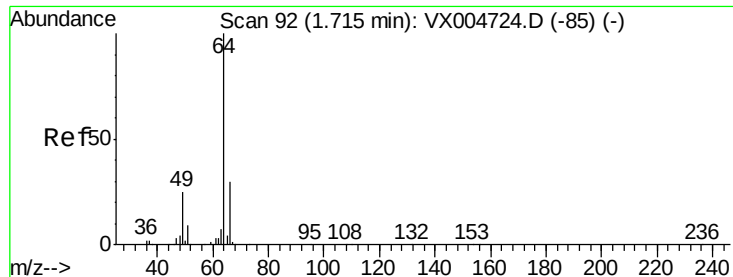
200

100

0

Time--> 1.60 1.70 1.80





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

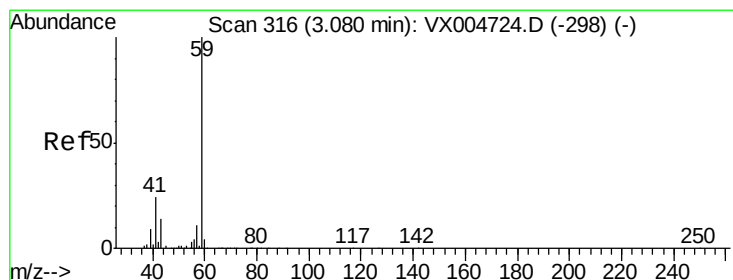
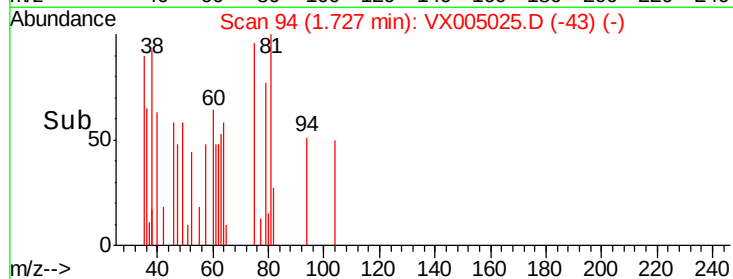
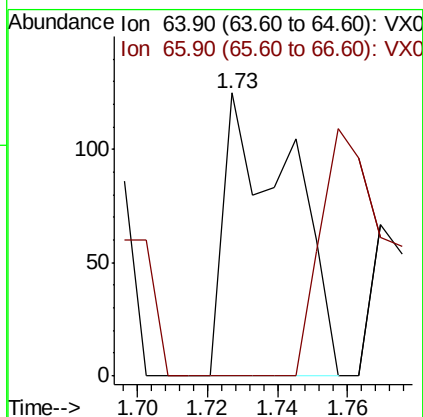
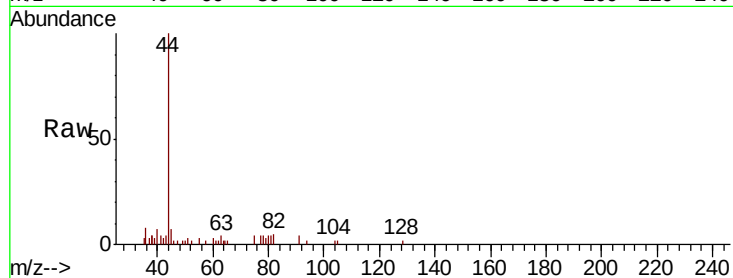
ClientSampled :

Tot Ion: 64 Resp: 166

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



#11

Tert butyl alcohol

Concen: 0.357 ug/l

RT: 3.08 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX005025.D

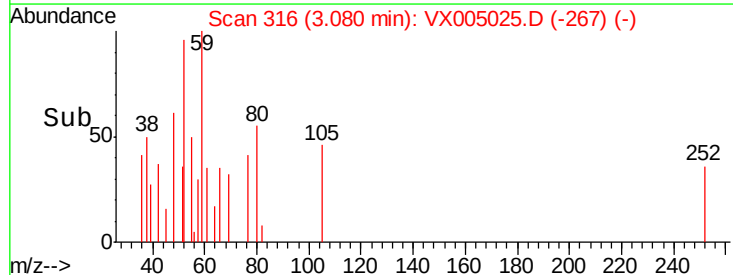
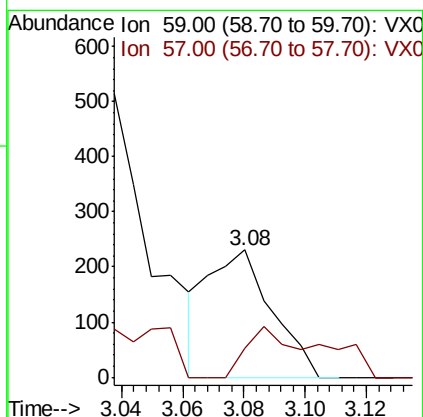
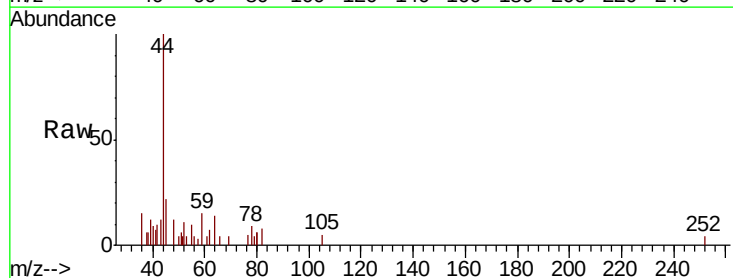
Acq: 04 Oct 2018 18:15

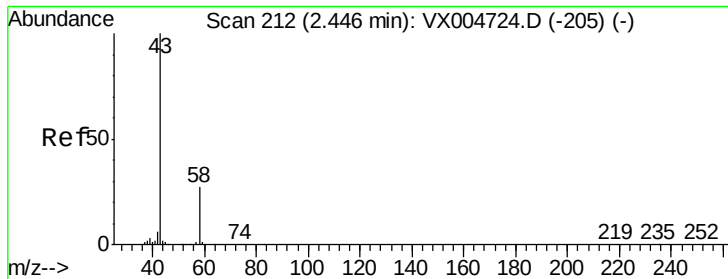
Tgt Ion: 59 Resp: 333

Ion Ratio Lower Upper

59 100

57 27.9 8.6 12.8#

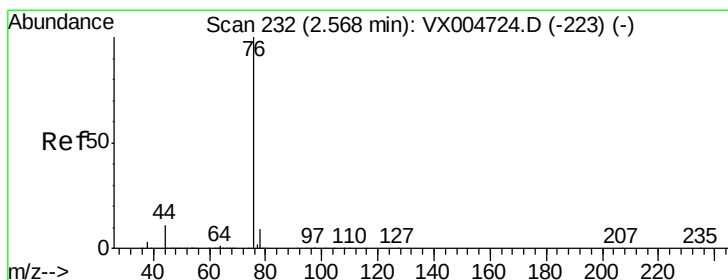
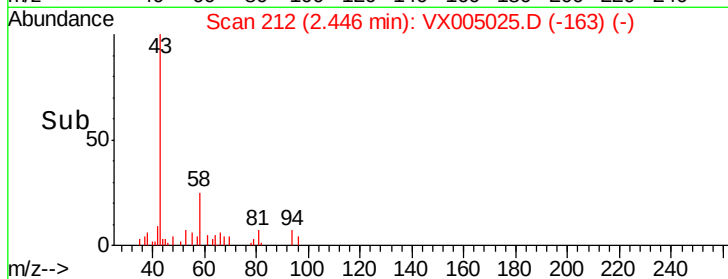
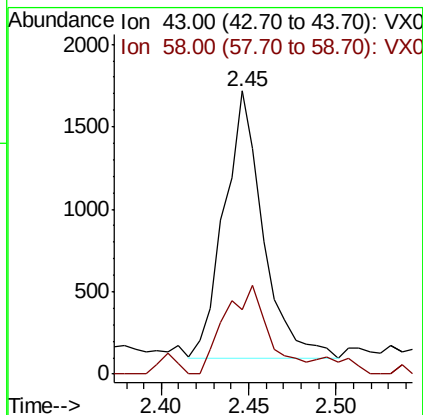
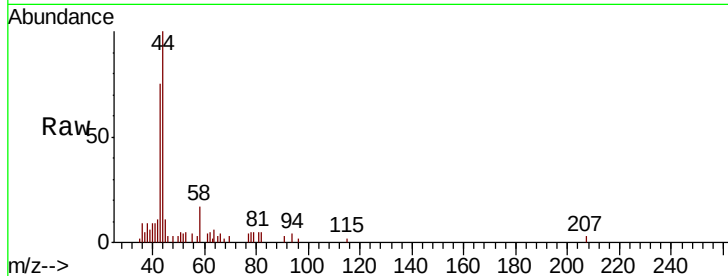




#16
Acetone
Concen: 1.297 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

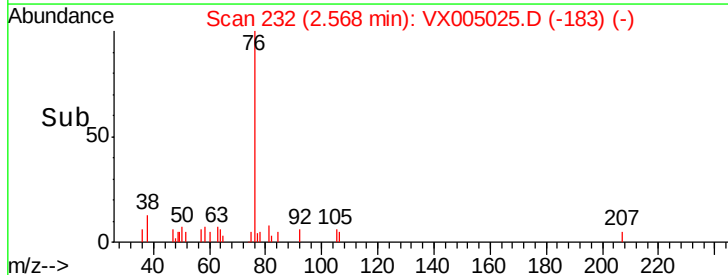
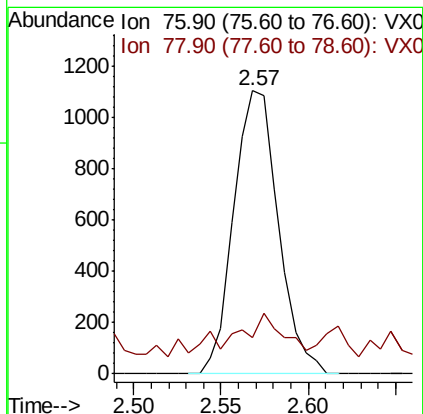
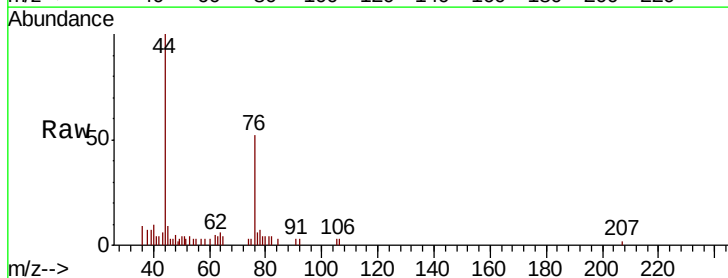
Instrument :
MSVOA_X
ClientSampleId :

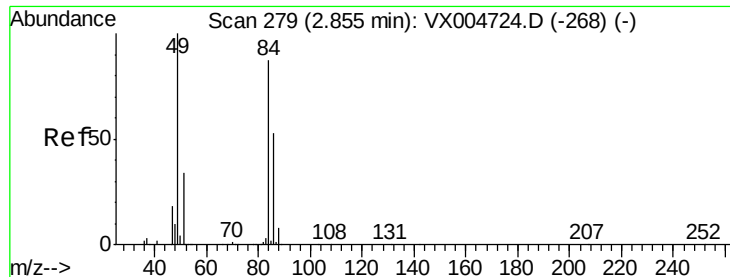
Tot Ion: 43 Resp: 2524
Ion Ratio Lower Upper
43 100
58 20.1 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion: 76 Resp: 1957
Ion Ratio Lower Upper
76 100
78 5.3 7.0 10.6#

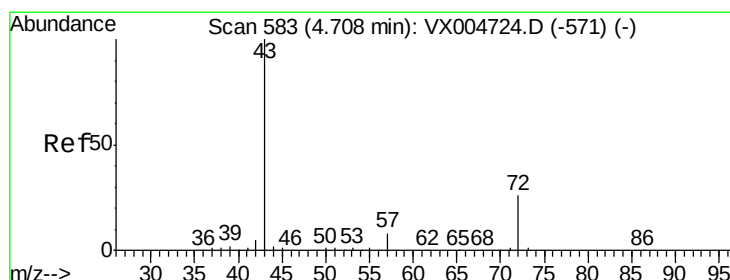
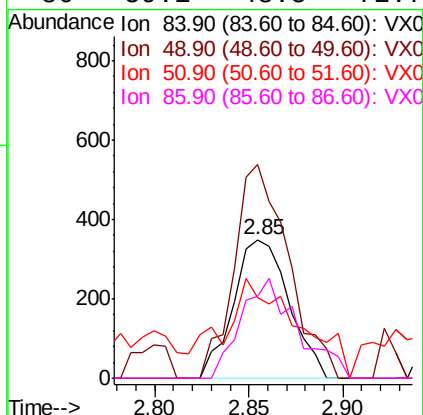
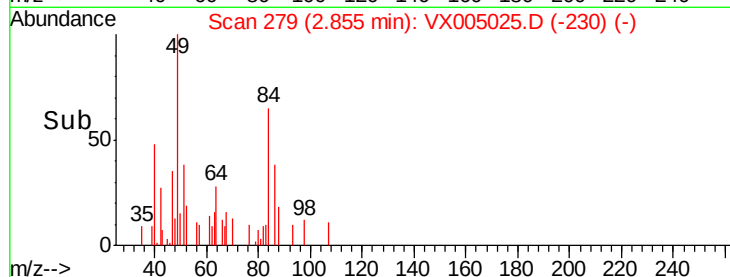
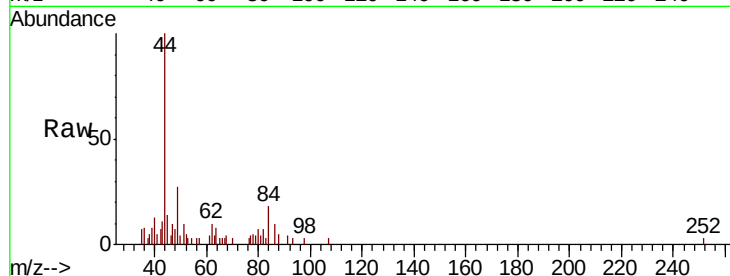




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

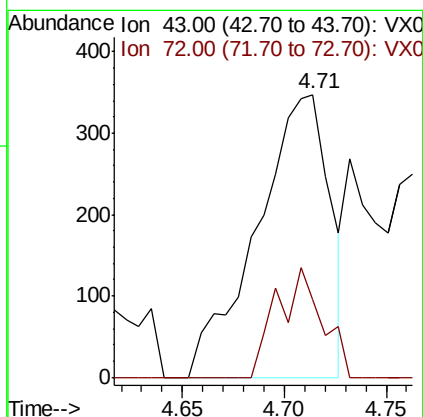
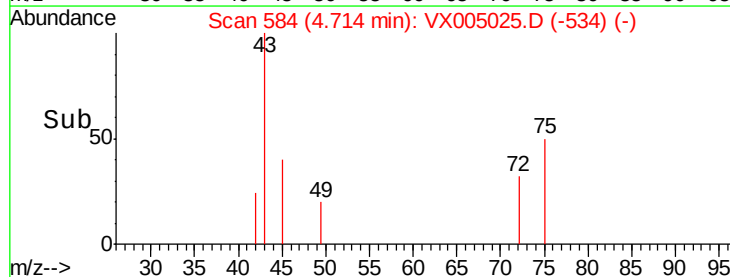
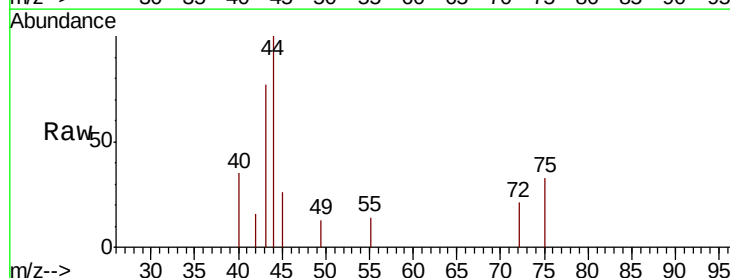
Instrument :
MSVOA_X
ClientSampleId :

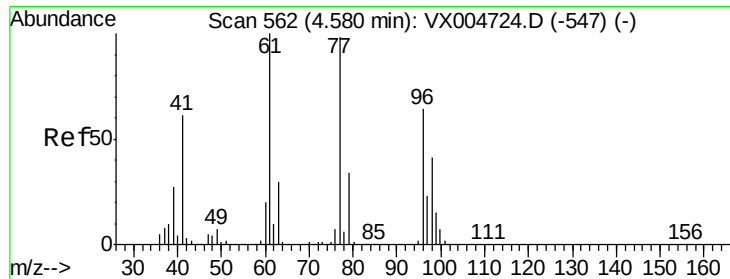
Tot Ion:	84	Resp:	713
Ion	Ratio	Lower	Upper
84	100		
49	153.7	92.3	138.5#
51	40.6	31.8	47.6
86	59.1	48.5	72.7



#25
2-Butanone
Concen: 0.301 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion:	43	Resp:	864
Ion	Ratio	Lower	Upper
43	100		
72	27.3	20.8	31.2

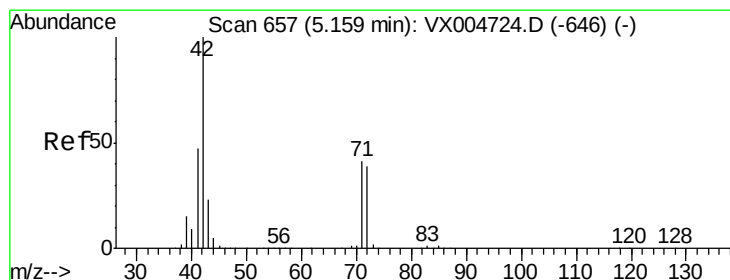
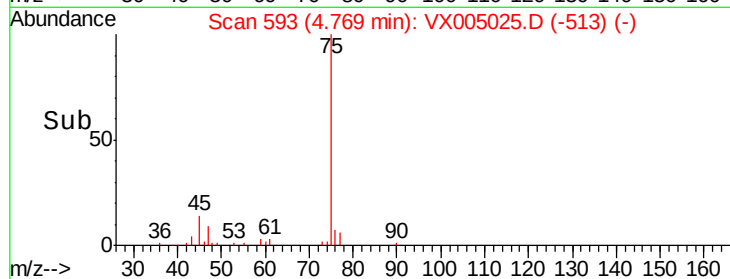
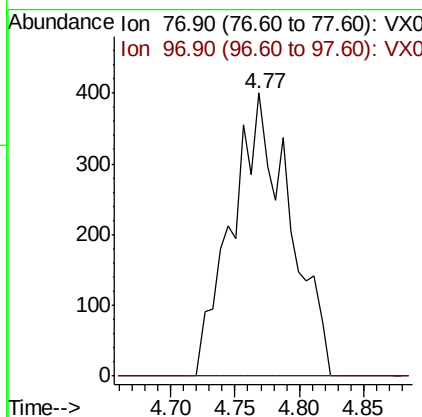
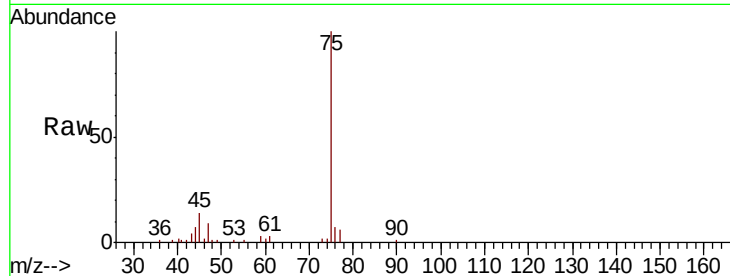




#26
 2,2-Dichloropropane
 Concen: 0.322 ug/l
 RT: 4.77 min Scan# 593
 Delta R.T. 0.19 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

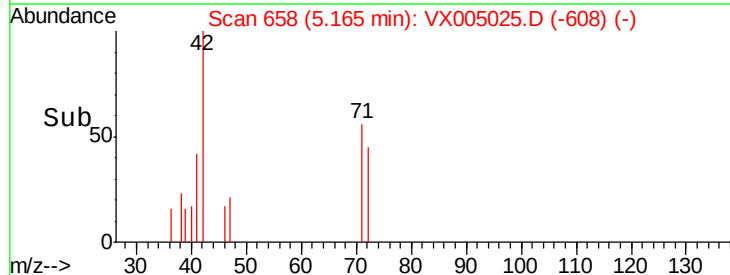
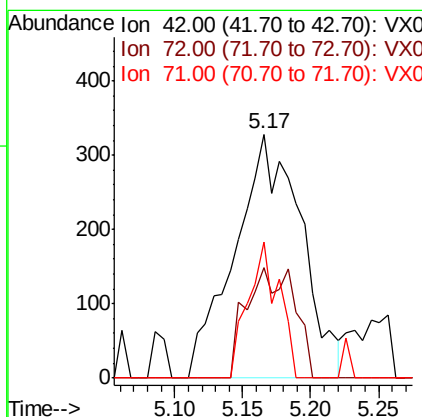
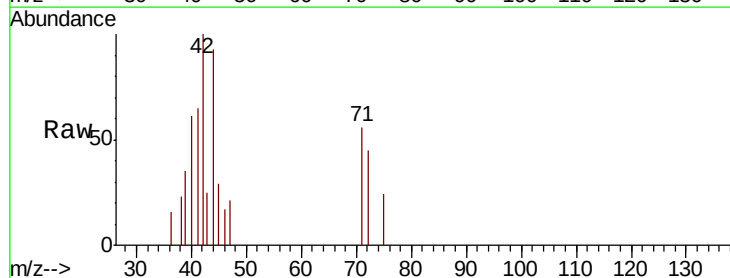
Instrument :
 MSVOA_X
 ClientSampleId :

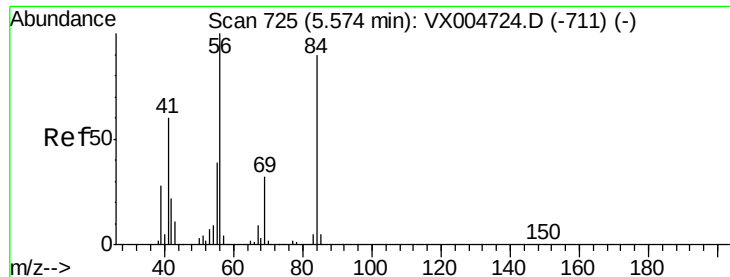
Tot Ion: 77 Resp: 1242
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.6 37.8#



#29
 Tetrahydrofuran
 Concen: 0.627 ug/l
 RT: 5.17 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

Tgt Ion: 42 Resp: 1117
 Ion Ratio Lower Upper
 42 100
 72 32.7 33.7 50.5#
 71 26.1 32.2 48.4#

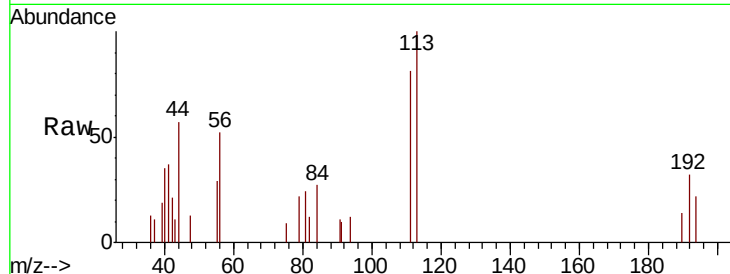




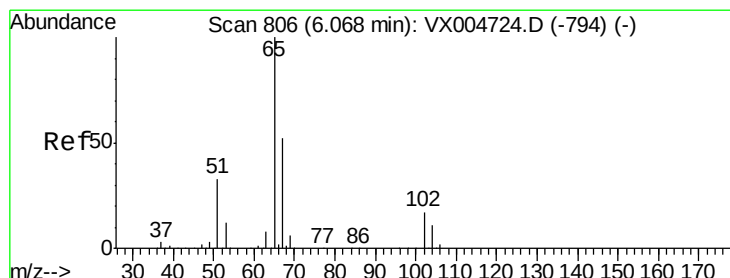
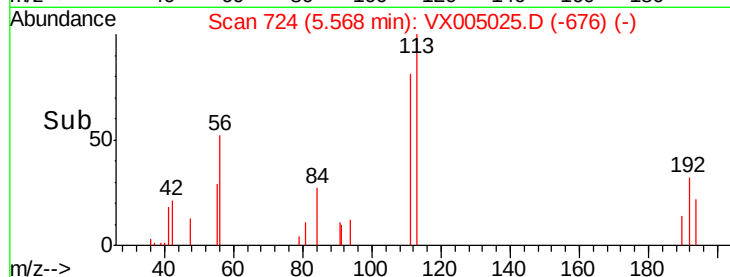
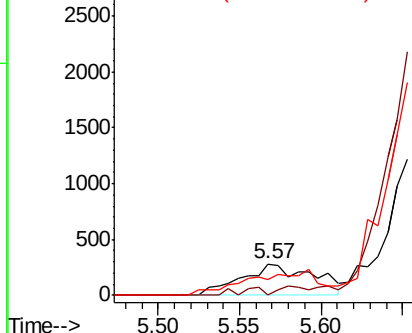
#31
Cyclohexane
Concen: 0.204 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 864
Ion Ratio Lower Upper
56 100
69 0.0 25.9 38.9#
84 52.0 71.9 107.9#

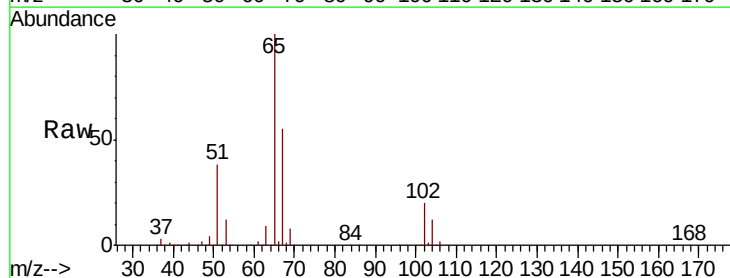


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

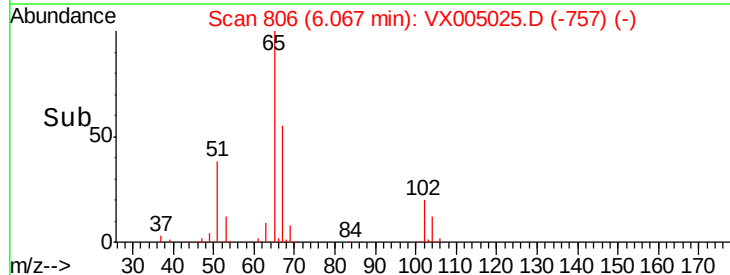
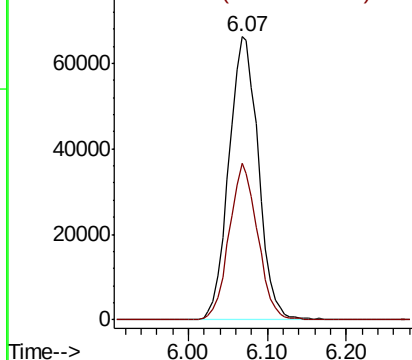


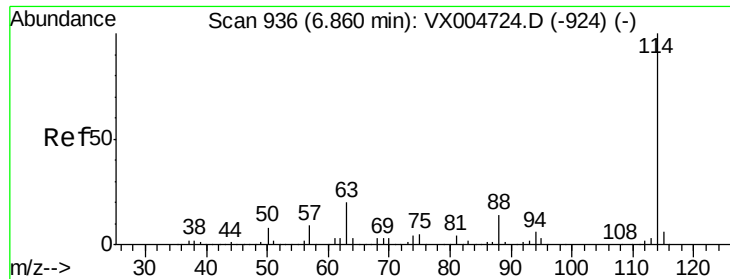
#33
1,2-Dichloroethane-d4
Concen: 51.654 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion: 65 Resp: 172140
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

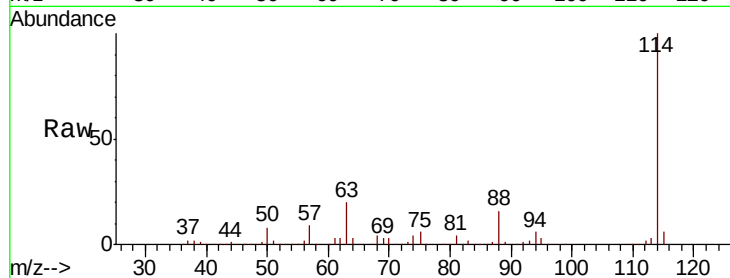




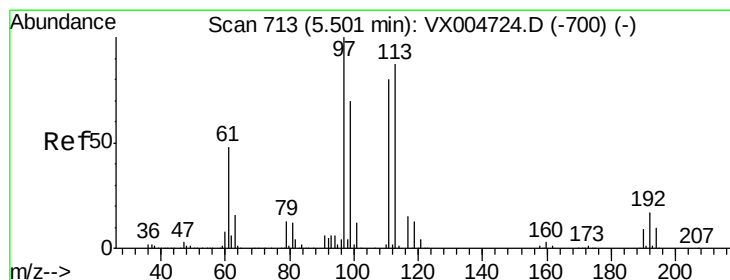
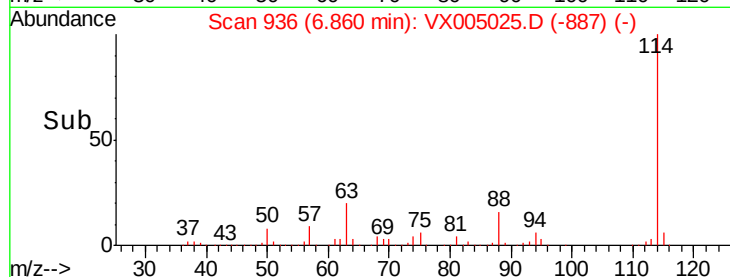
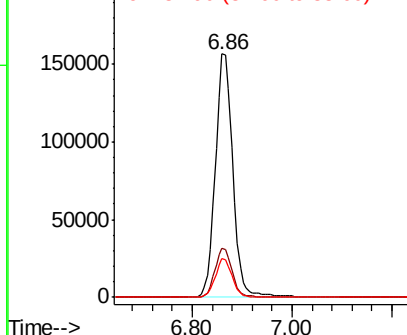
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 381181
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.8 0.0 27.0

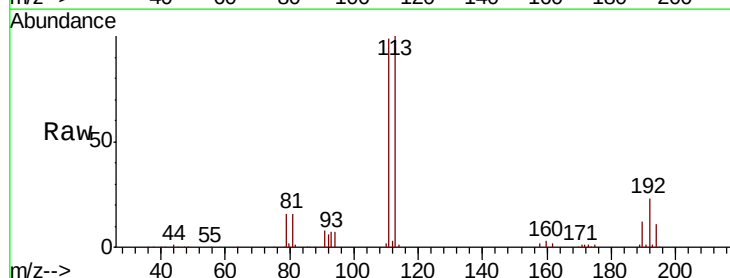


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

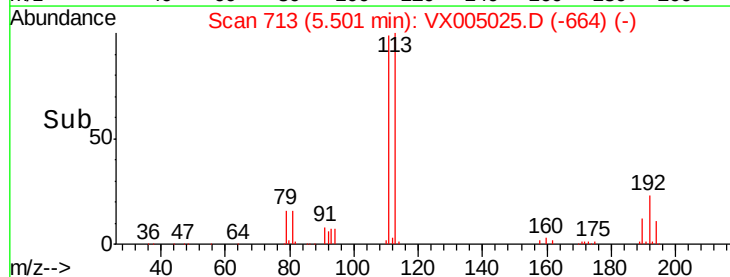
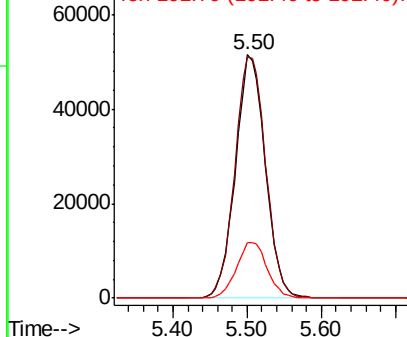


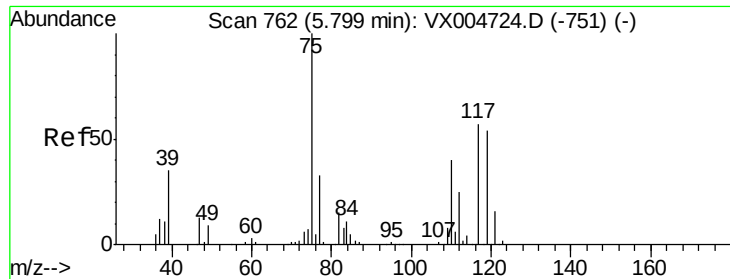
#35
 Dibromofluoromethane
 Concen: 44.817 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

Tgt Ion:113 Resp: 144785
 Ion Ratio Lower Upper
 113 100
 111 102.6 77.0 115.4
 192 23.5 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

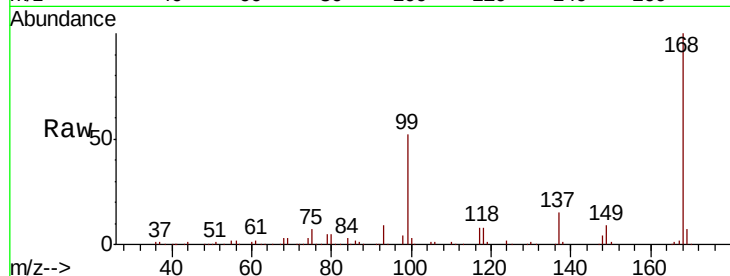




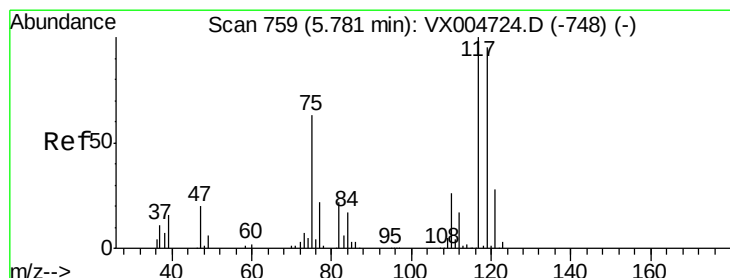
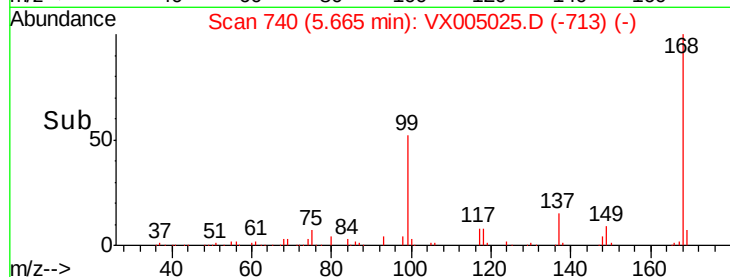
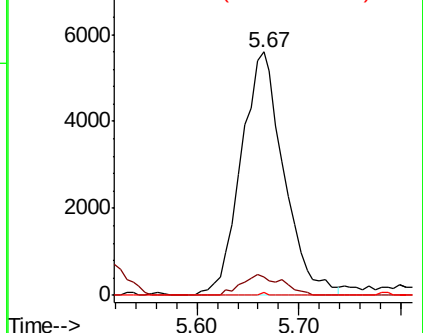
#36
 1,1-Dichloropropene
 Concen: 3.700 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 16309
 Ion Ratio Lower Upper
 75 100
 110 8.1 20.0 59.9#
 77 0.0 27.1 40.7#

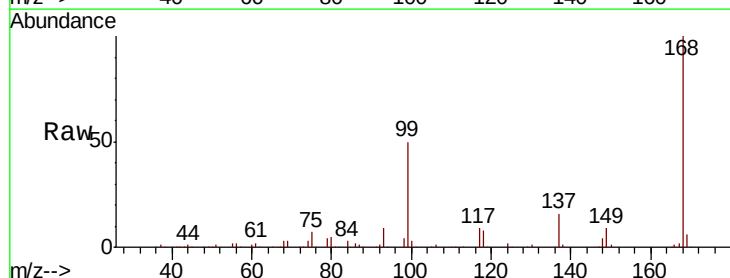


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

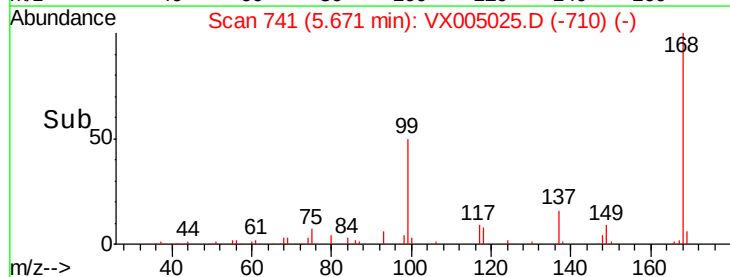
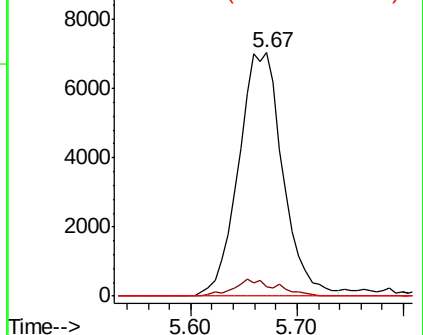


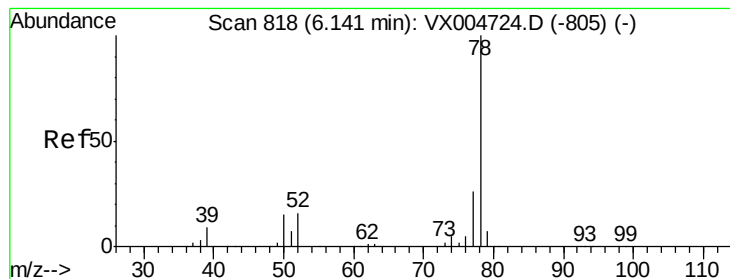
#38
 Carbon Tetrachloride
 Concen: 4.435 ug/l
 RT: 5.67 min Scan# 741
 Delta R.T. -0.11 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

Tgt Ion: 117 Resp: 20548
 Ion Ratio Lower Upper
 117 100
 119 3.7 75.2 112.8#
 121 0.0 22.5 33.7#



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





#40

Benzene

Concen: 38.593 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

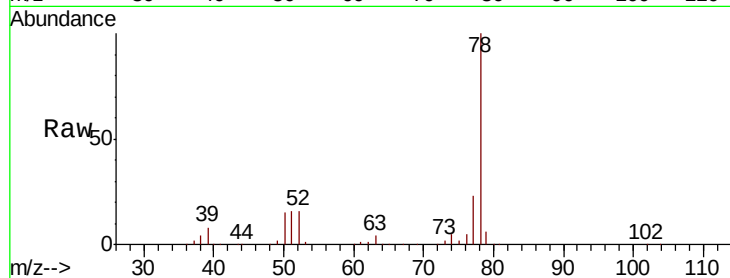
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 78 Resp: 532541

Ion Ratio Lower Upper

78 100

77 23.4 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

200000

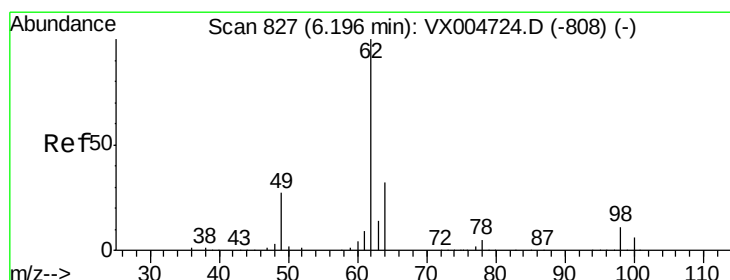
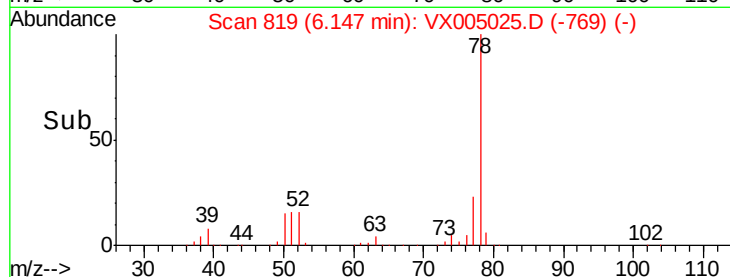
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 0.931 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.05 min

Lab File: VX005025.D

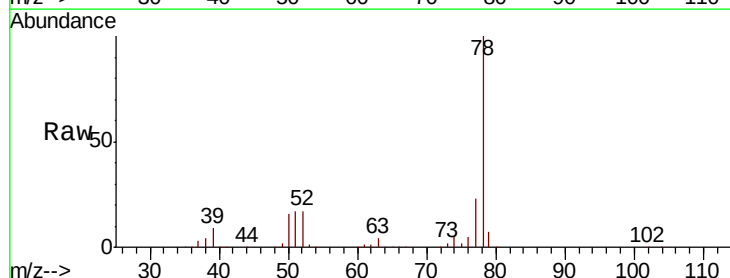
Acq: 04 Oct 2018 18:15

Tgt Ion: 62 Resp: 4541

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

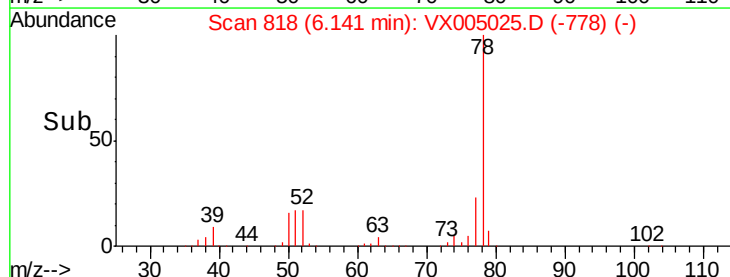
1500

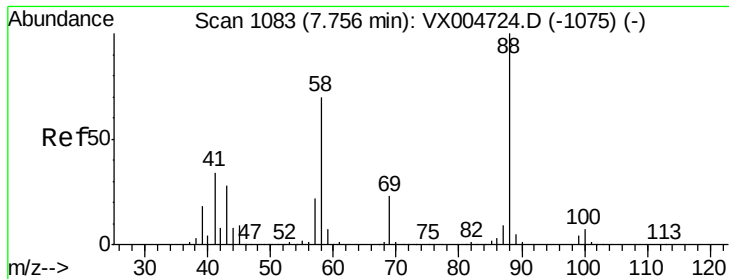
1000

500

0

Time-->

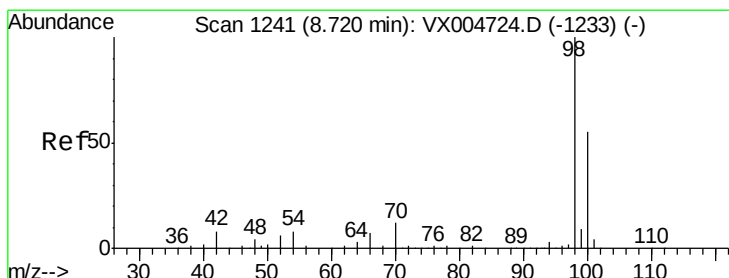
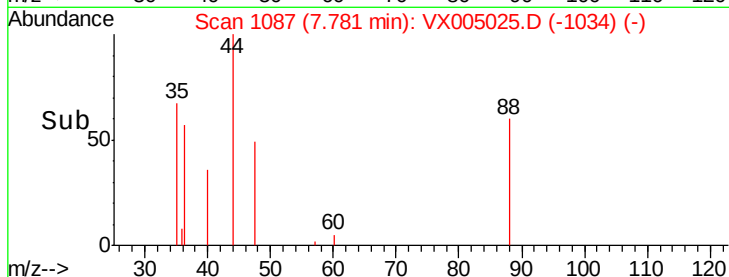
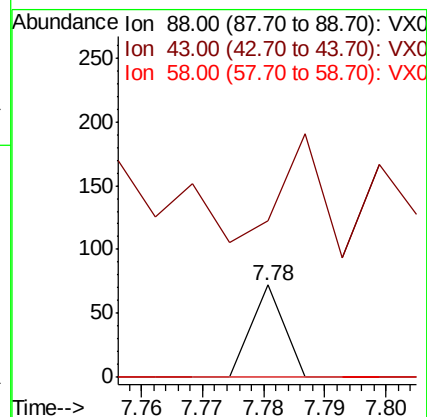
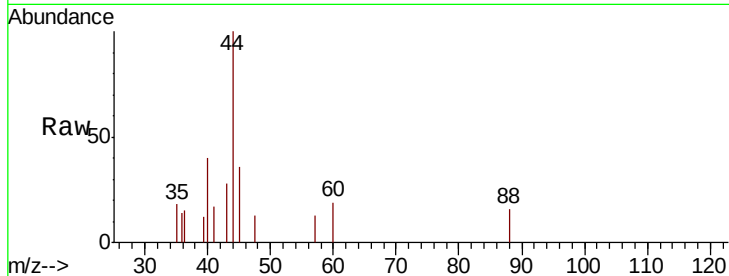




#49
1,4-Dioxane
Concen: 0.273 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.02 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

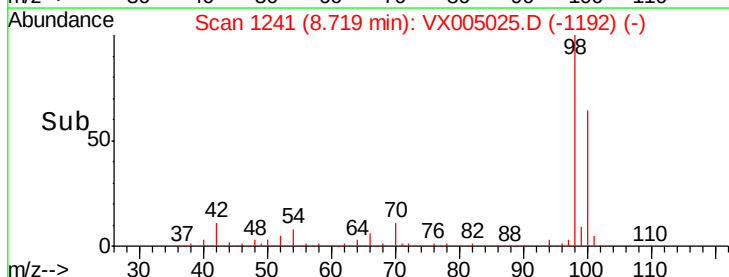
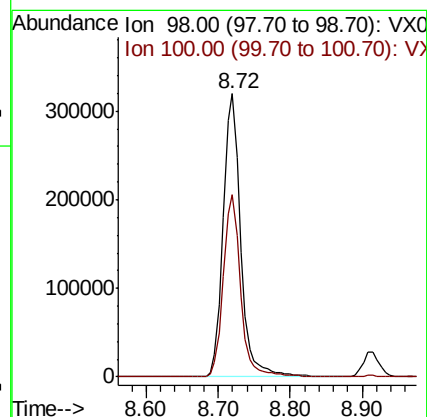
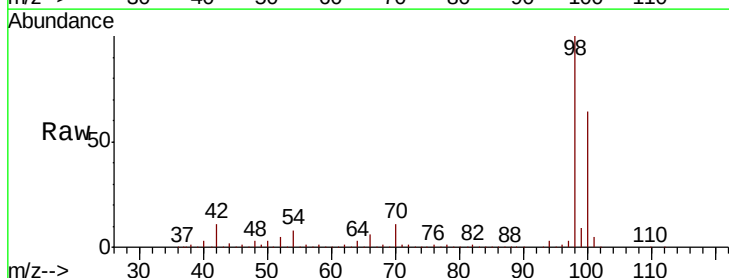
Instrument :
MSVOA_X
ClientSampled :

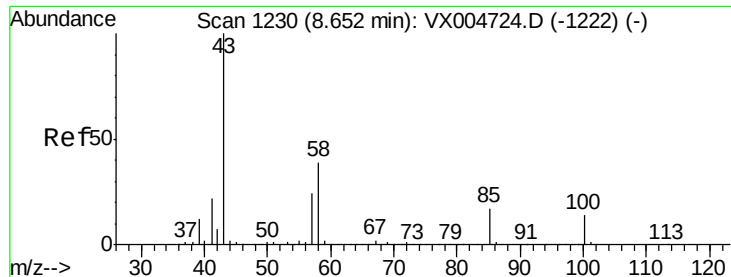
Tot Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 180.8 25.1 37.7#
58 0.0 56.2 84.2#



#50
Toluene-d8
Concen: 50.240 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion: 98 Resp: 539577
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

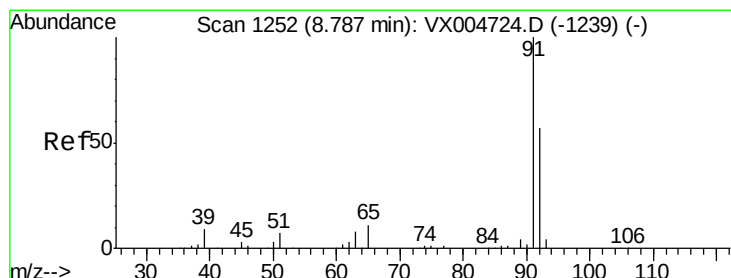
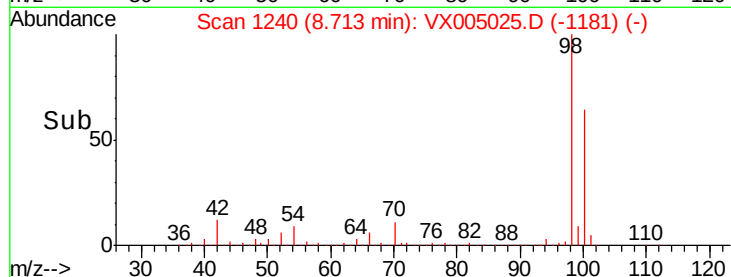
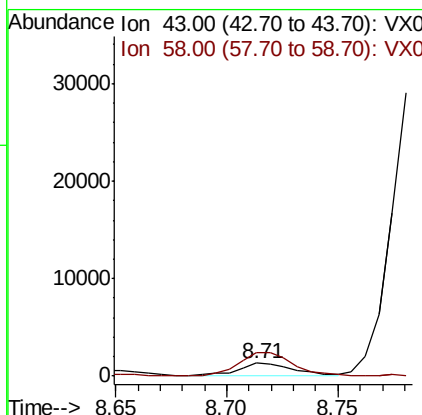
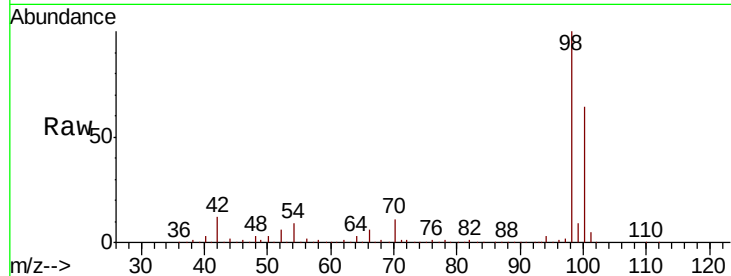




#51
4-Methyl-2-Pentanone
Concen: 0.382 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.06 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

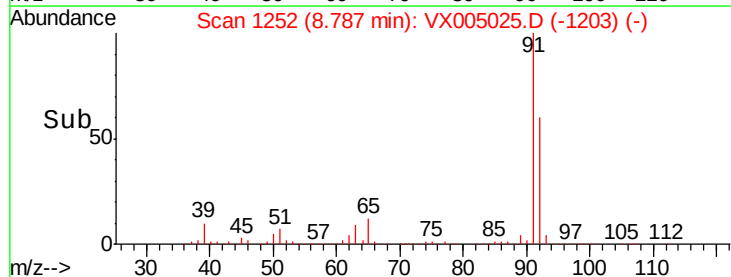
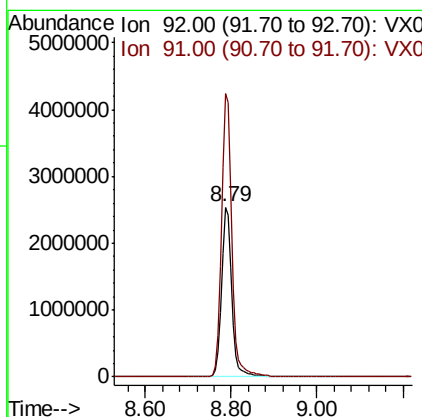
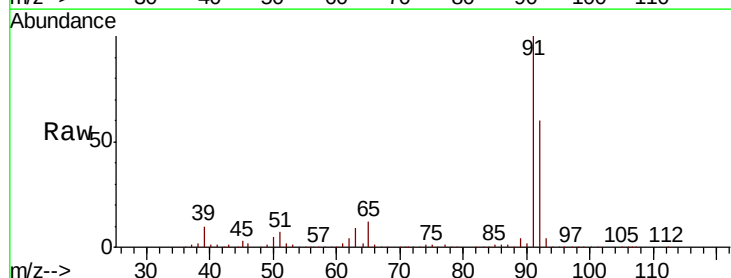
Instrument :
MSVOA_X
ClientSampleId :

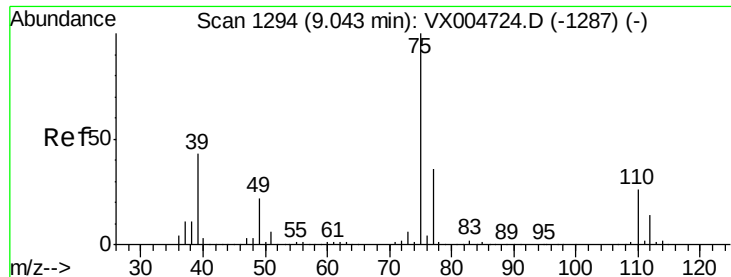
Tot Ion: 43 Resp: 2032
Ion Ratio Lower Upper
43 100
58 214.2 30.5 45.7#



#52
Toluene
Concen: 561.619 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion: 92 Resp: 4258403
Ion Ratio Lower Upper
92 100
91 169.7 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 10.850 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

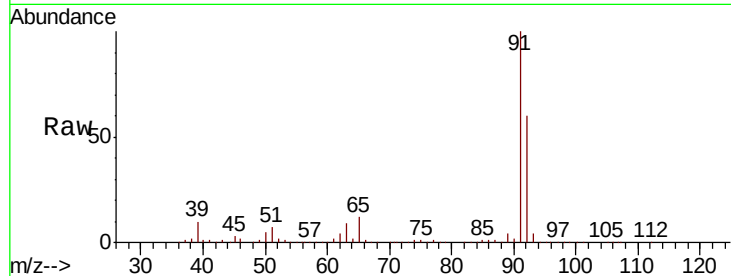
ClientSampled :

Tot Ion: 75 Resp: 48820

Ion Ratio Lower Upper

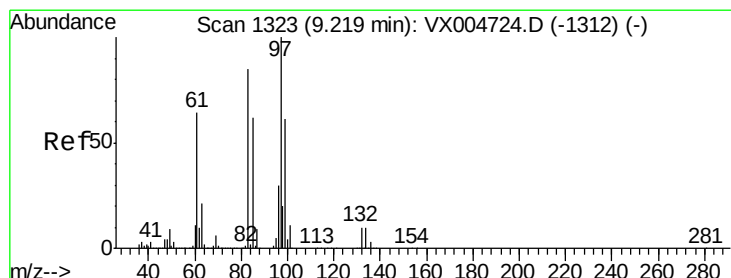
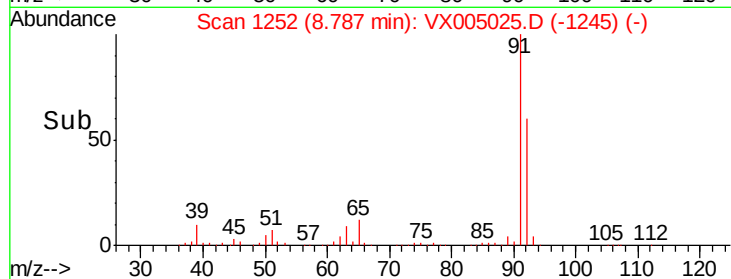
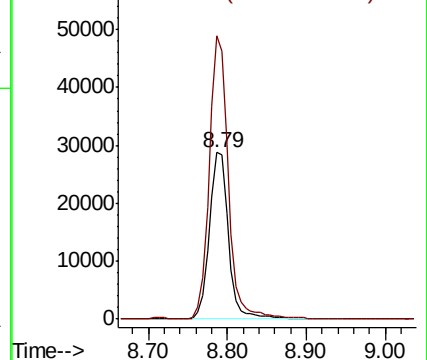
75 100

77 169.7 28.9 43.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#55

1,1,2-Trichloroethane

Concen: 23.647 ug/l

RT: 9.08 min Scan# 1300

Delta R.T. -0.14 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Tgt Ion: 97 Resp: 78538

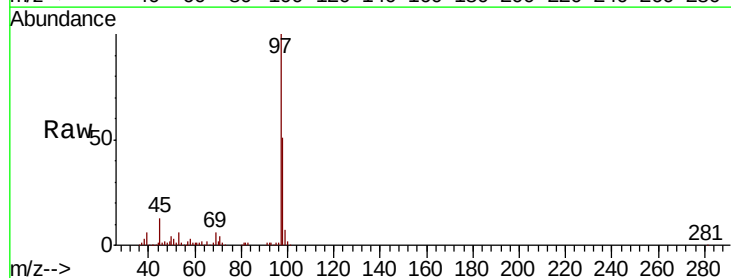
Ion Ratio Lower Upper

97 100

83 0.5 68.2 102.2#

85 0.0 49.9 74.9#

99 7.5 48.9 73.3#

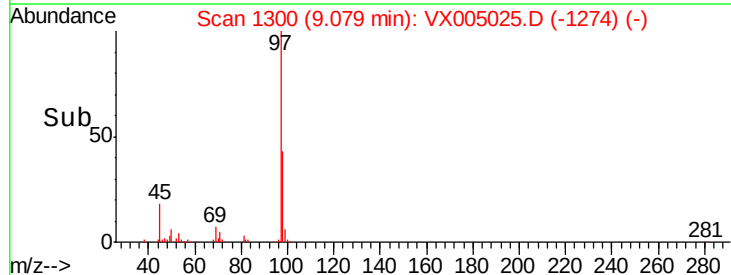
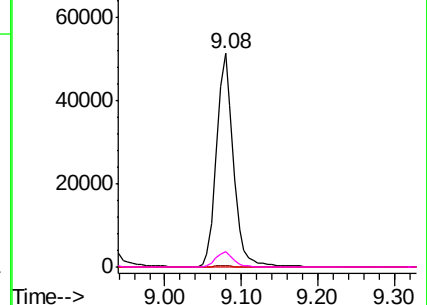


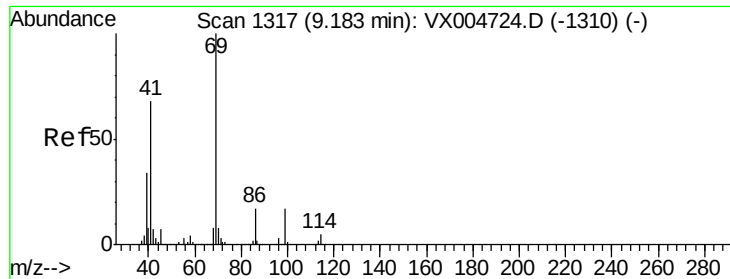
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 3.705 ug/l

RT: 9.08 min Scan# 1300

Delta R.T. -0.10 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

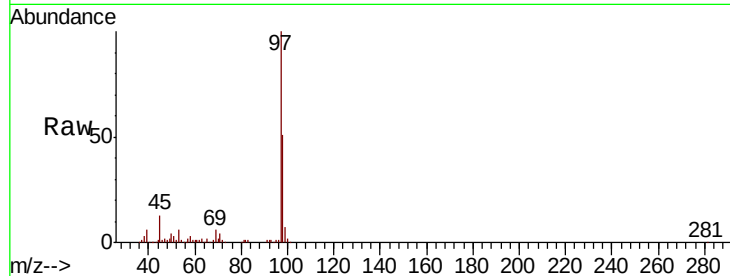
Tot Ion: 69 Resp: 4818

Ion Ratio Lower Upper

69 100

41 4.9 56.9 85.3#

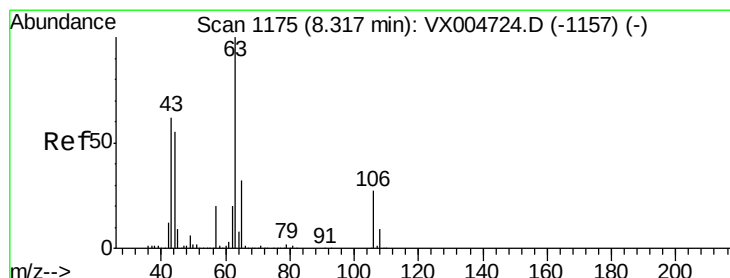
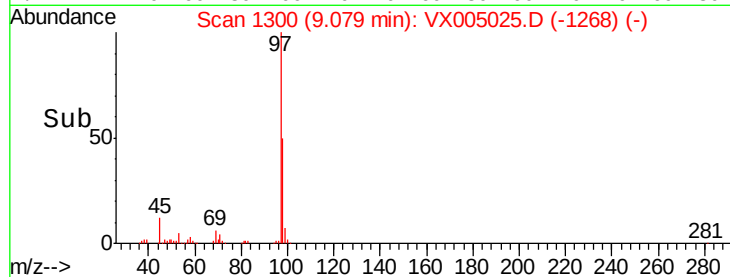
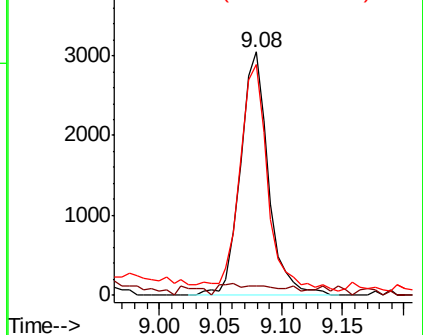
39 93.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.249 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005025.D

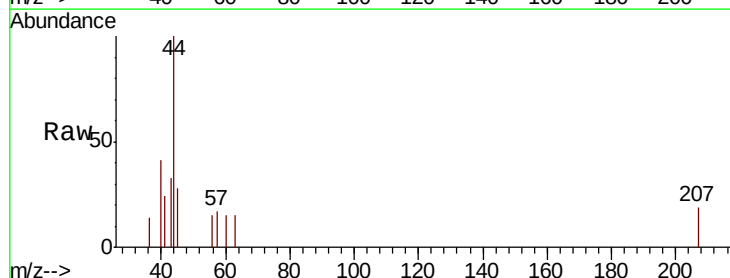
Acq: 04 Oct 2018 18:15

Tgt Ion: 63 Resp: 20

Ion Ratio Lower Upper

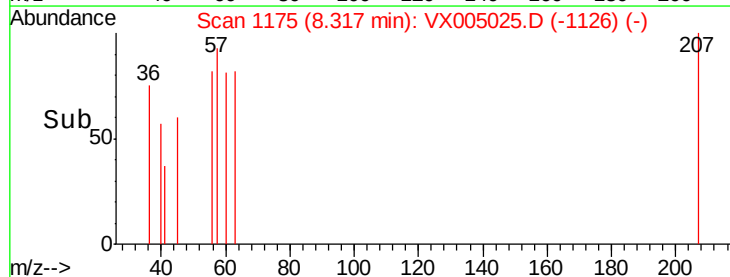
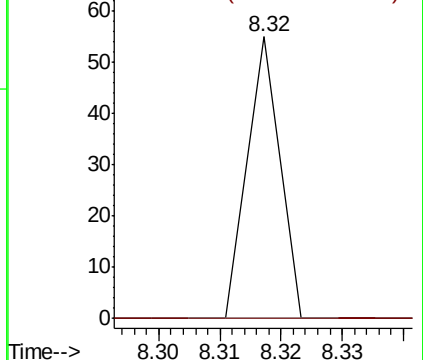
63 100

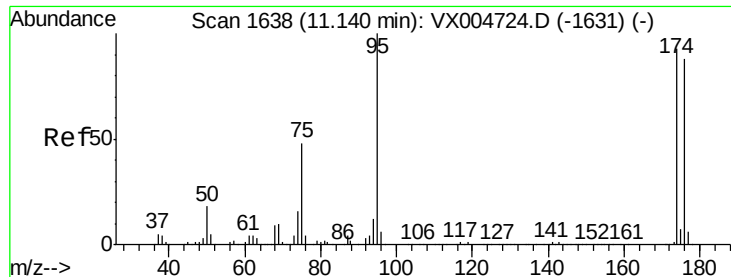
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 53.702 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

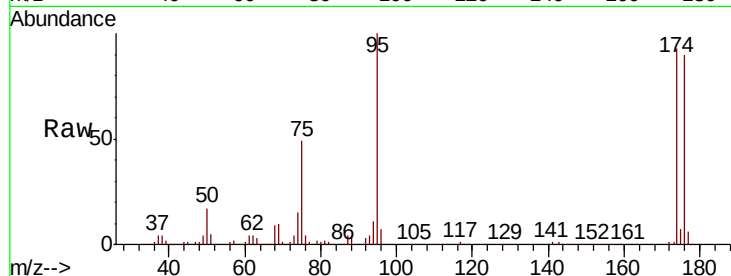
Tot Ion: 95 Resp: 207779

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.0

176 88.7 0.0 180.2

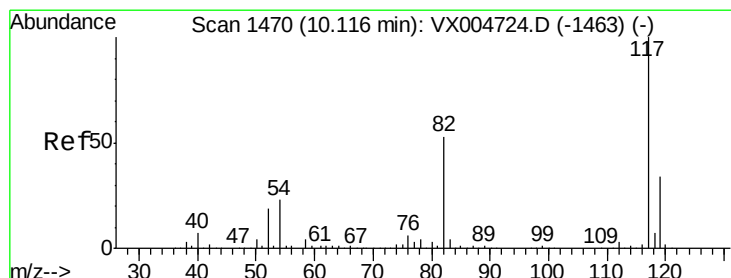
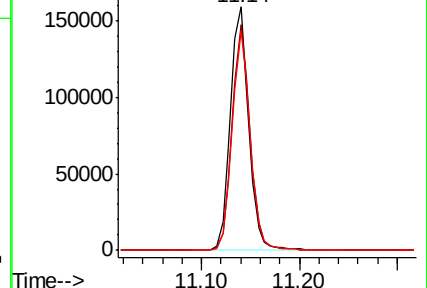
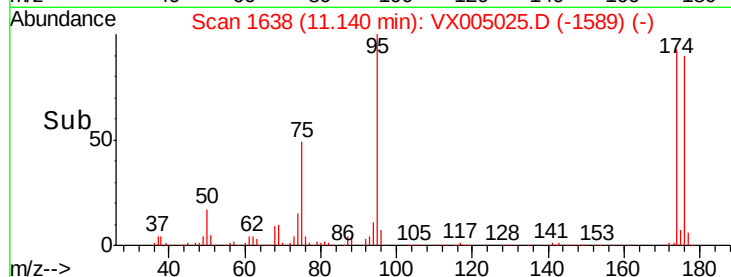


Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

11.14



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

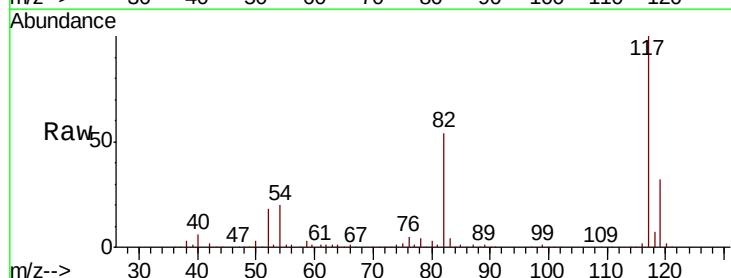
Tgt Ion: 117 Resp: 363530

Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.4

119 32.1 27.4 41.0

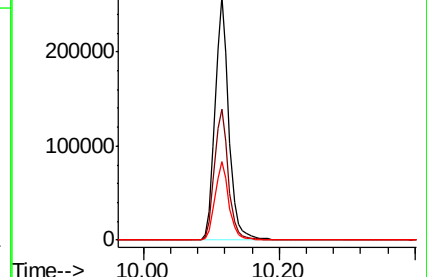
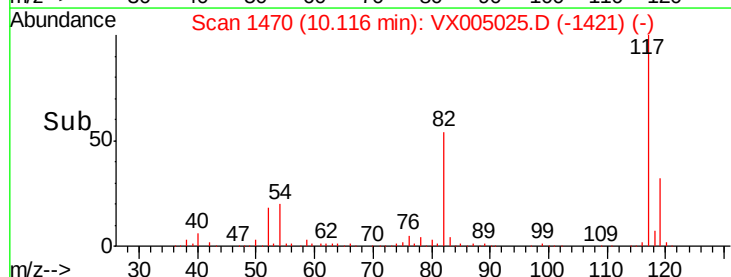


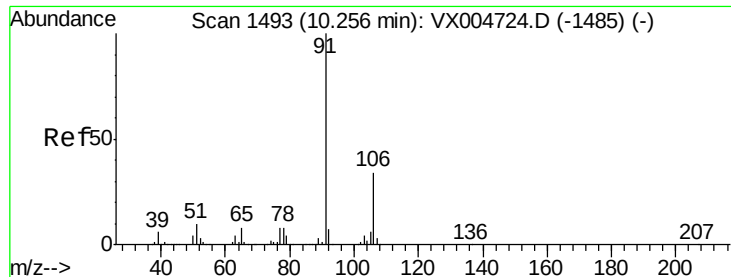
Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

10.12

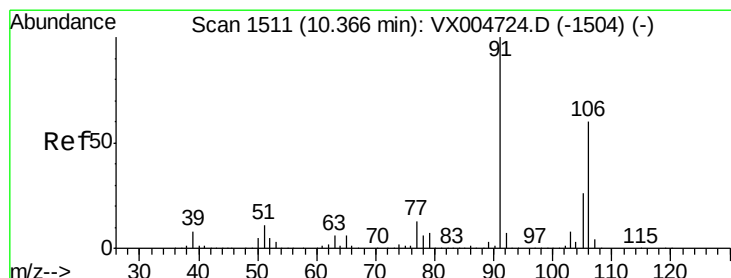
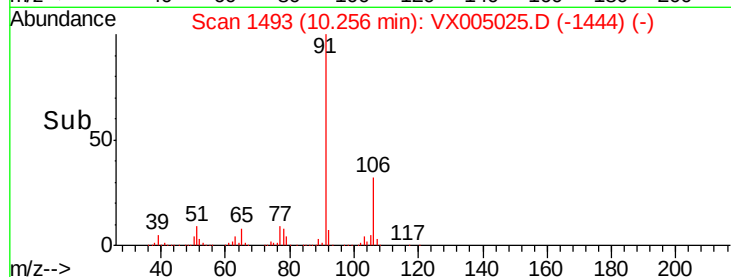
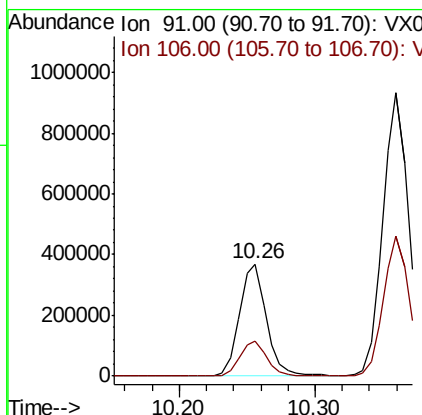
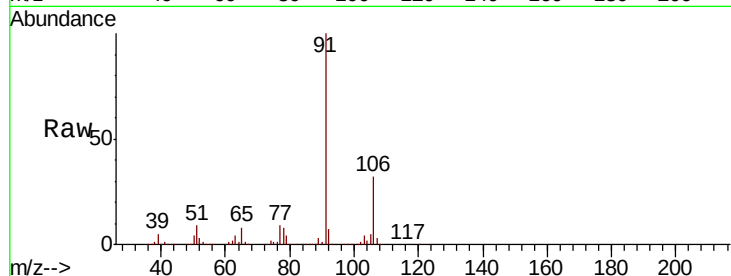




#67
Ethyl Benzene
Concen: 34.489 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

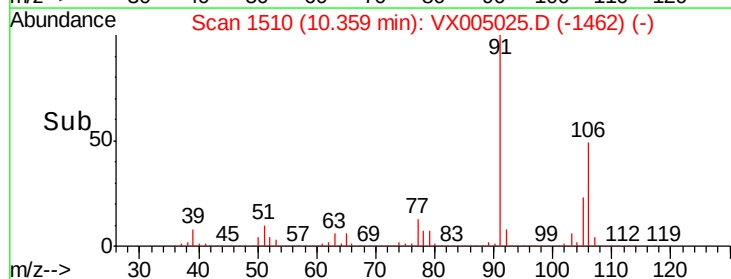
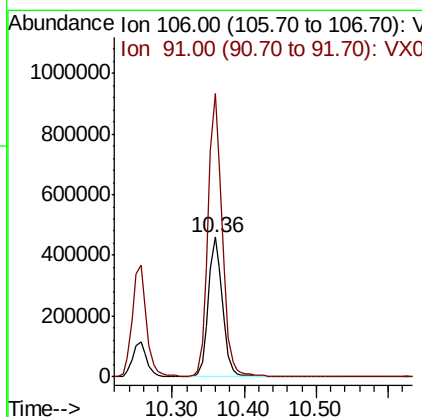
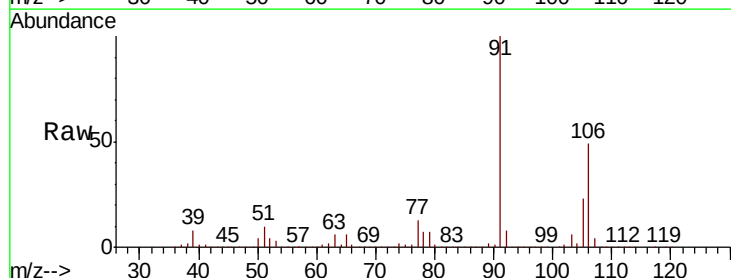
Instrument :
MSVOA_X
ClientSampleId :

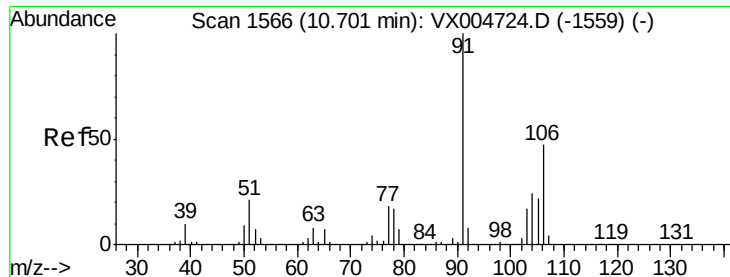
Tot Ion: 91 Resp: 510424
Ion Ratio Lower Upper
91 100
106 31.8 26.9 40.3



#68
m/p-Xylenes
Concen: 108.942 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion: 106 Resp: 630045
Ion Ratio Lower Upper
106 100
91 202.8 157.5 236.3

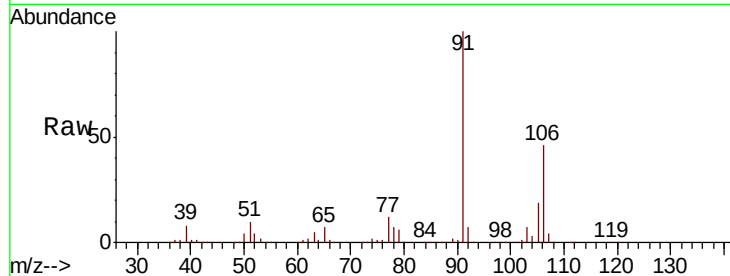




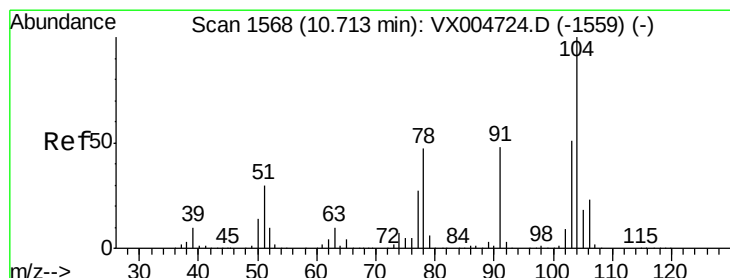
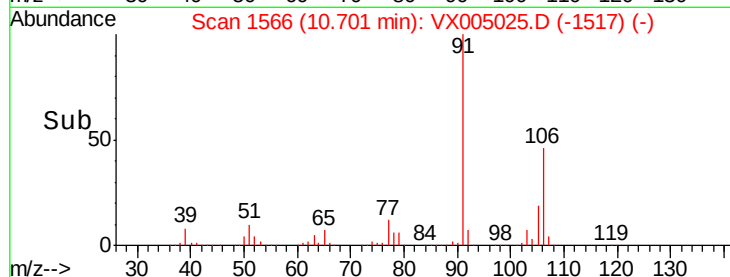
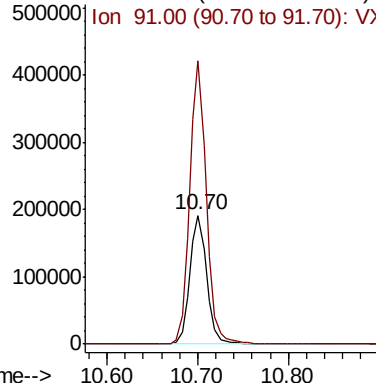
#69
o-Xylene
Concen: 46.967 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 249488
Ion Ratio Lower Upper
106 100
91 216.5 108.3 324.8

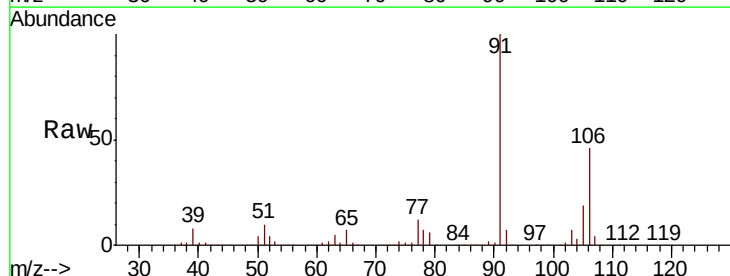


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

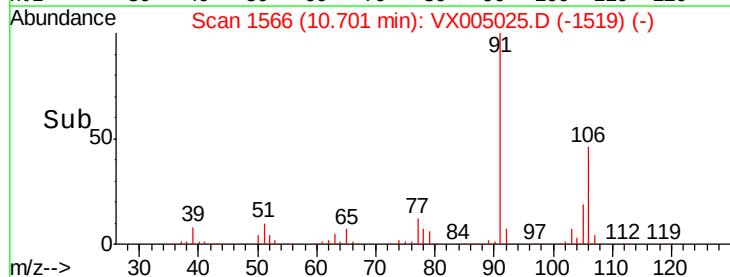
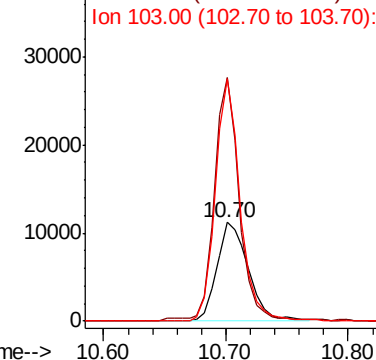


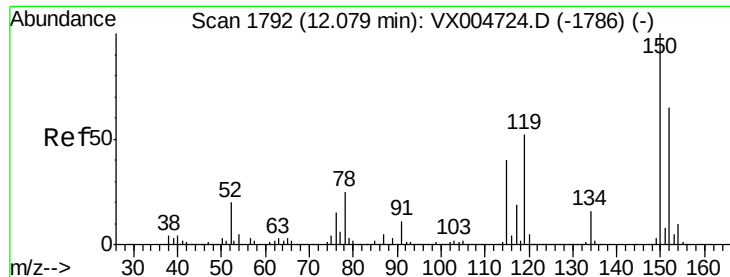
#70
Styrene
Concen: 4.058 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion:104 Resp: 19906
Ion Ratio Lower Upper
104 100
78 197.2 40.0 60.0#
103 194.1 44.3 66.5#



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



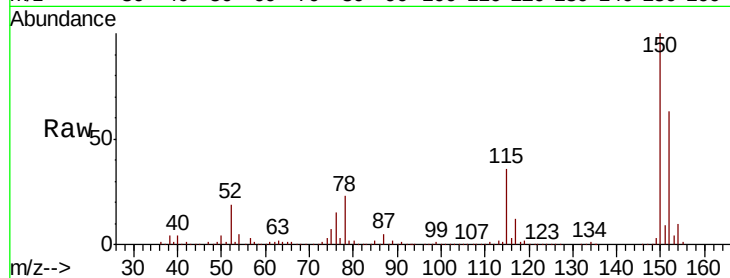


#72

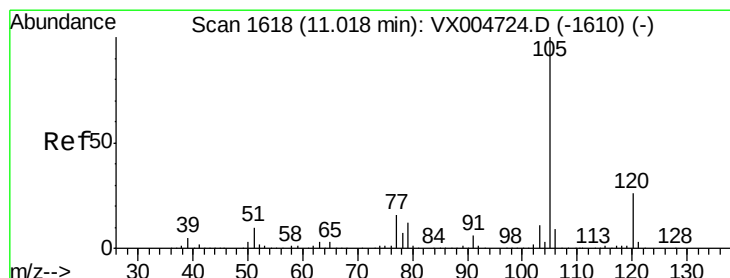
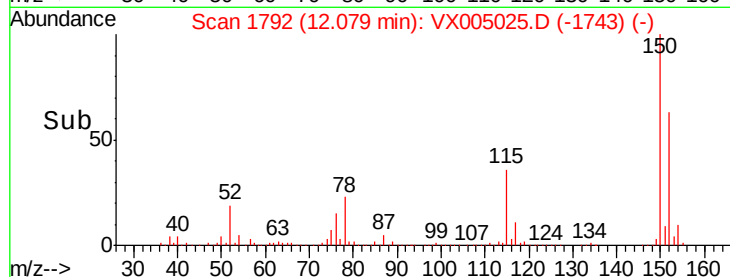
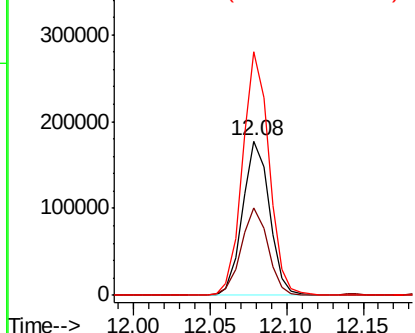
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 216613
Ion Ratio Lower Upper
152 100
115 56.1 40.2 120.6
150 155.9 0.0 351.0



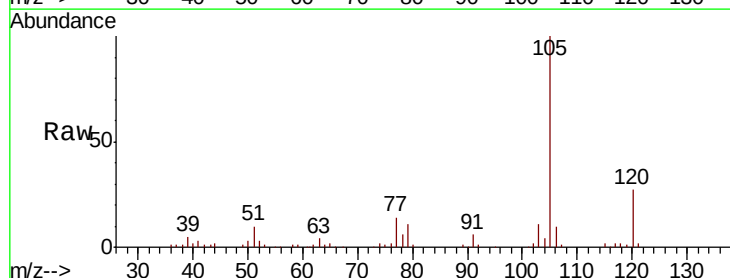
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



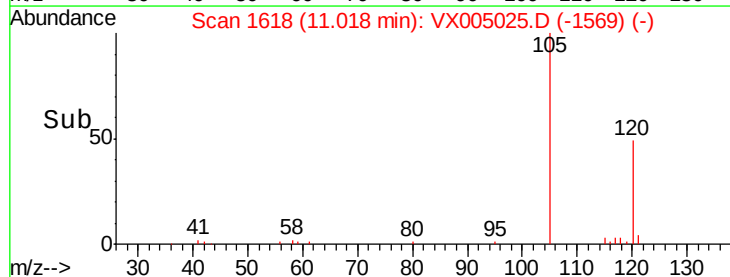
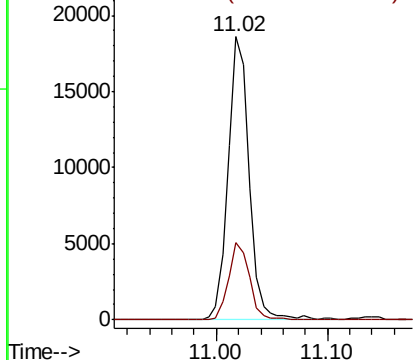
#73

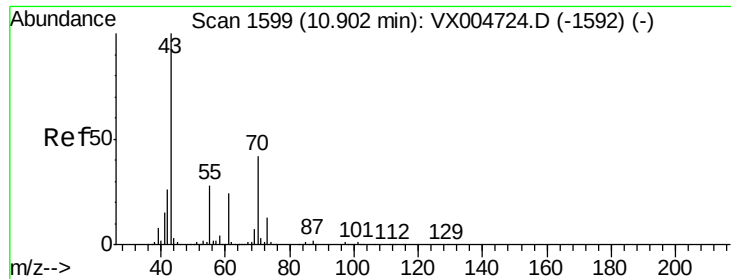
Isopropylbenzene
Concen: 1.785 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion:105 Resp: 24371
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.5



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





#74

N-amvl acetate

Concen: 1.772 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 190

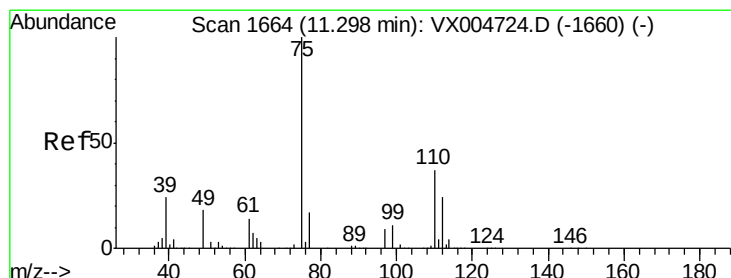
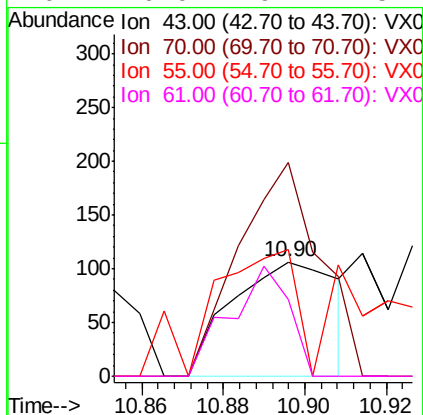
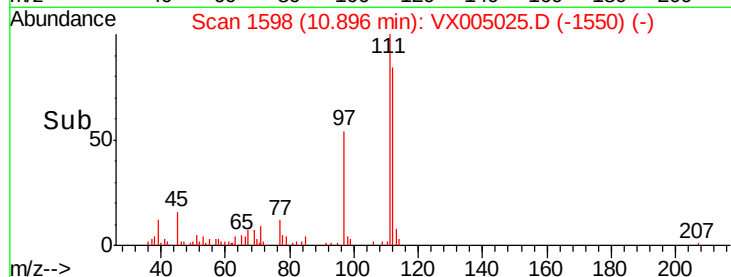
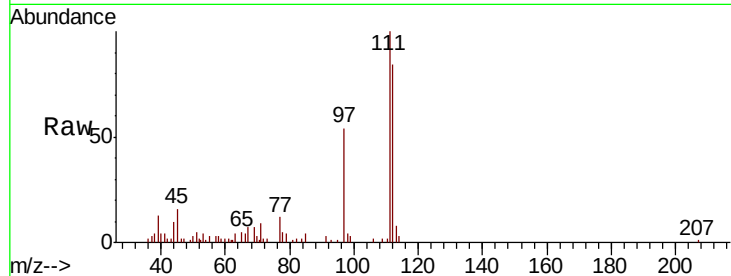
Ion Ratio Lower Upper

43 100

70 145.3 32.6 48.8#

55 91.6 21.6 32.4#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 20.796 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005025.D

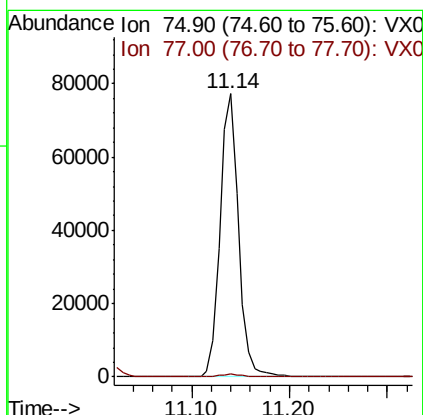
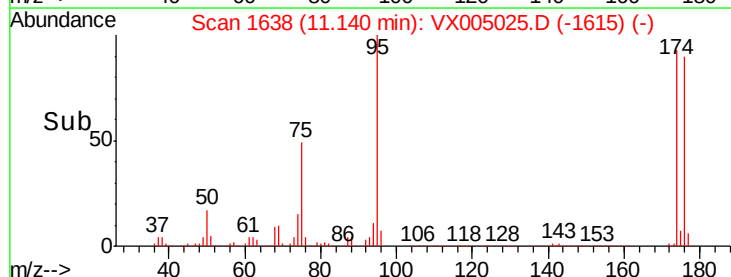
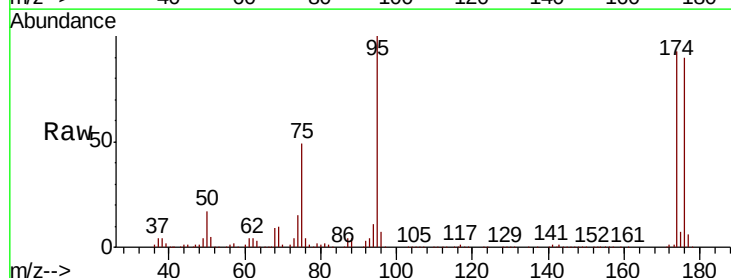
Acq: 04 Oct 2018 18:15

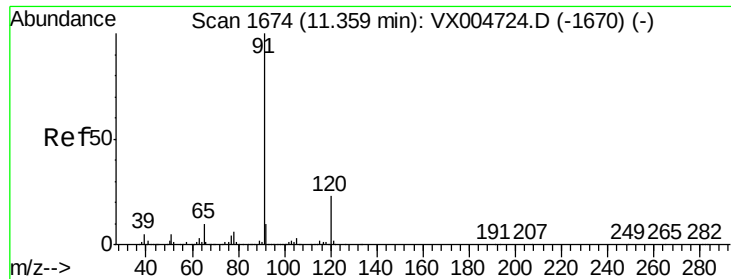
Tgt Ion: 75 Resp: 100966

Ion Ratio Lower Upper

75 100

77 1.4 21.4 64.3#





#78

n-propylbenzene

Concen: 0.471 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

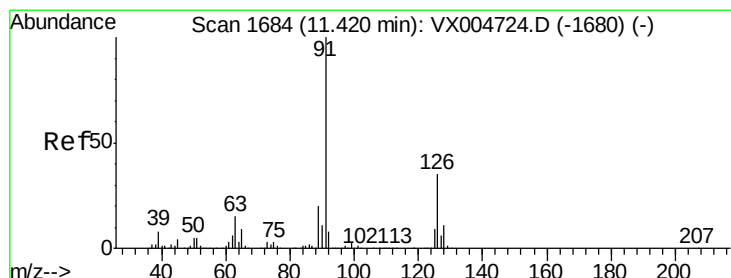
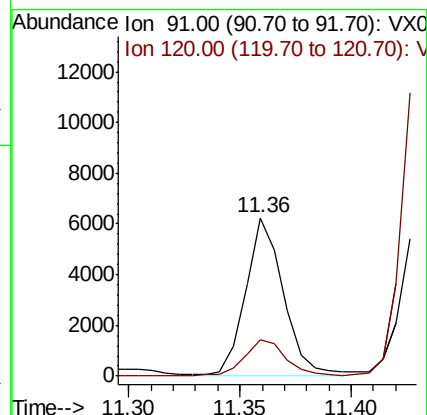
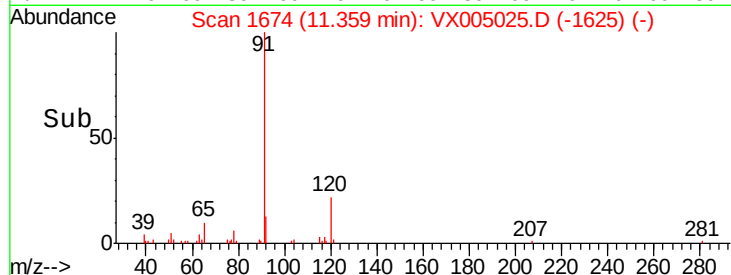
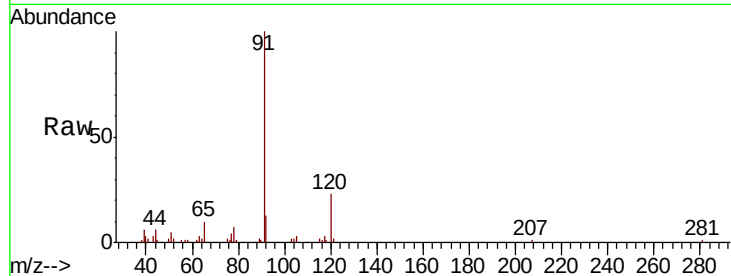
ClientSampleId :

Tot Ion: 91 Resp: 7383

Ion Ratio Lower Upper

91 100

120 25.0 12.0 36.0



#79

2-Chlorotoluene

Concen: 1.757 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX005025.D

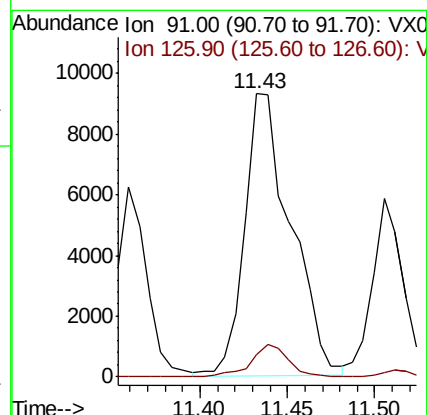
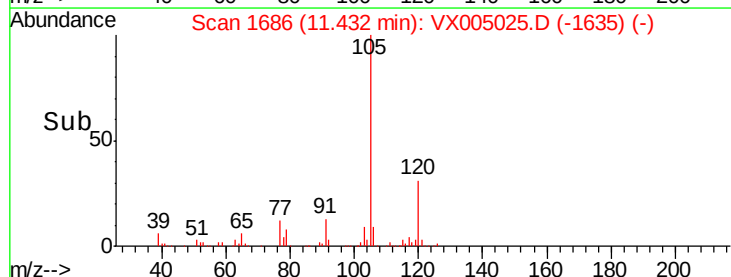
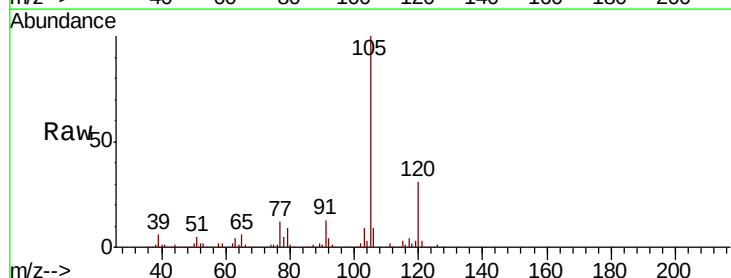
Acq: 04 Oct 2018 18:15

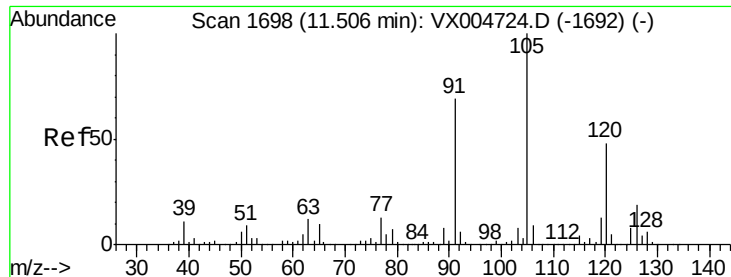
Tgt Ion: 91 Resp: 17160

Ion Ratio Lower Upper

91 100

126 9.3 17.6 52.9#

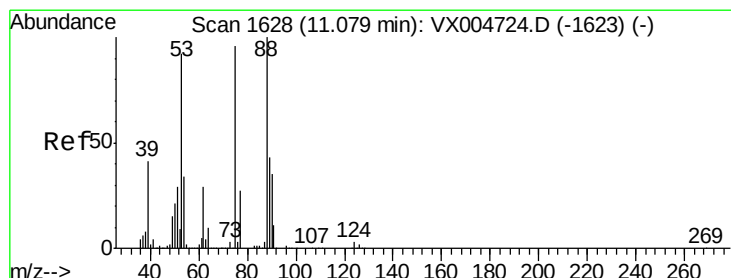
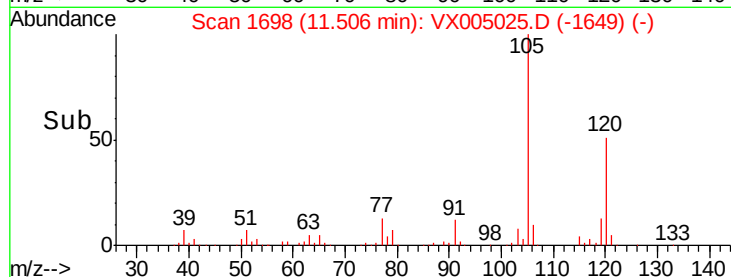
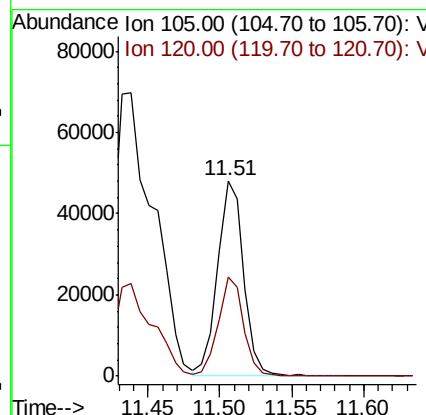
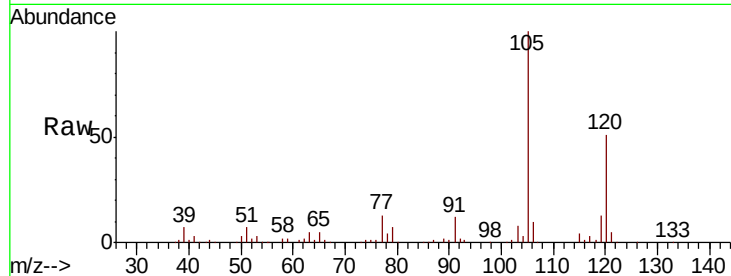




#80
 1,3,5-Trimethylbenzene
 Concen: 4.712 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

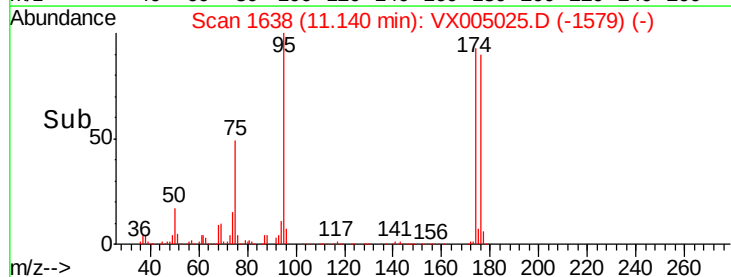
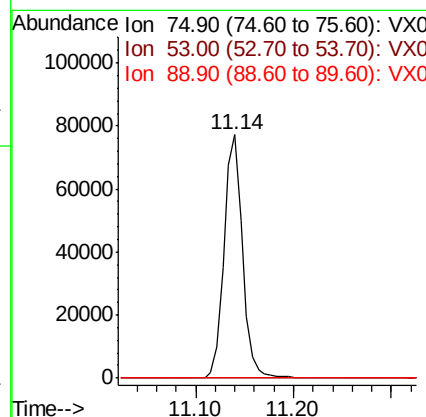
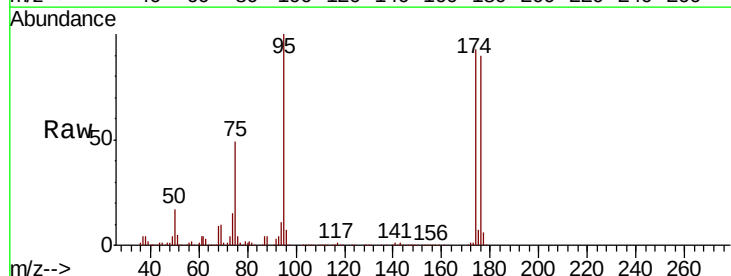
Instrument :
 MSVOA_X
 ClientSampled :

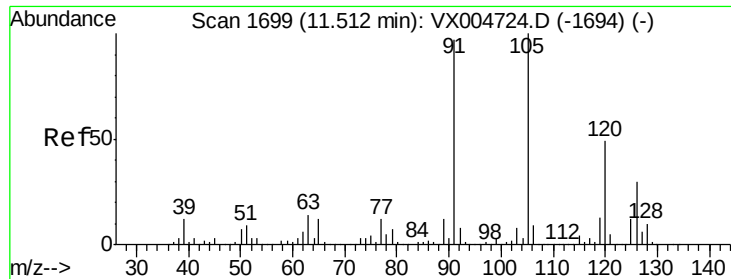
Tot Ion:105 Resp: 61206
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.451 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

Tgt Ion: 75 Resp: 100966
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.2 120.4#
 89 0.0 37.1 55.7#

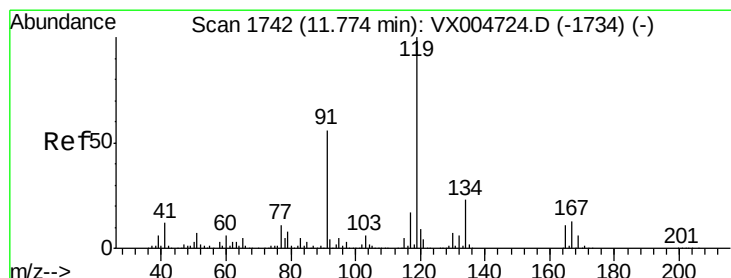
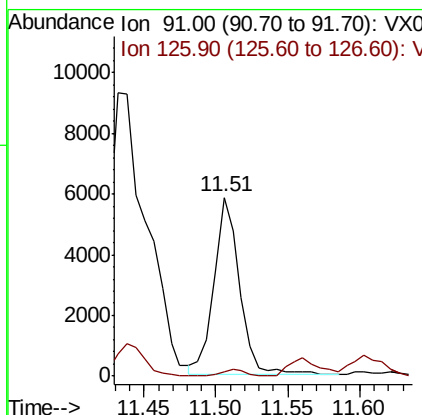
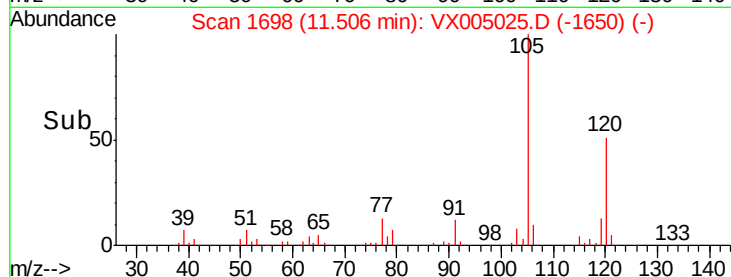
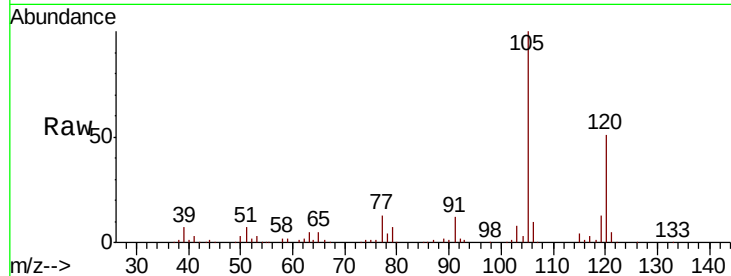




#82
4-Chlorotoluene
Concen: 0.632 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

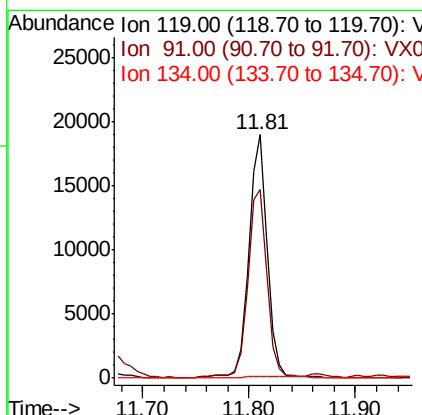
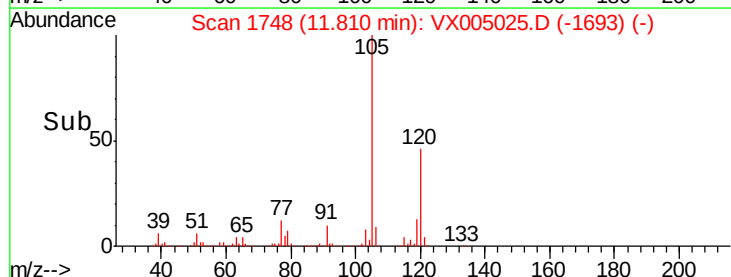
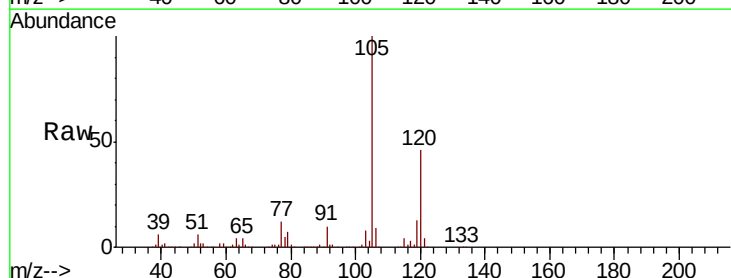
Instrument :
MSVOA_X
ClientSampled :

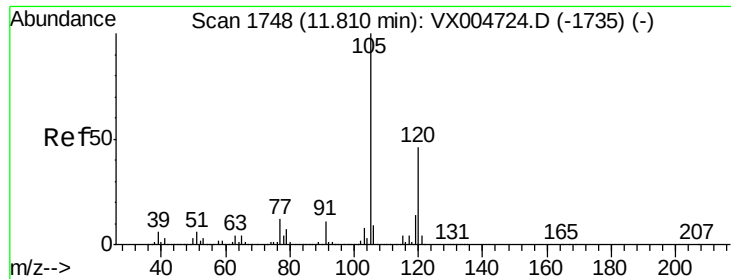
Tot Ion: 91 Resp: 7266
Ion Ratio Lower Upper
91 100
126 3.3 15.5 46.5#



#83
tert-Butylbenzene
Concen: 2.047 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion: 119 Resp: 23016
Ion Ratio Lower Upper
119 100
91 81.8 27.5 82.5
134 1.0 11.5 34.4#

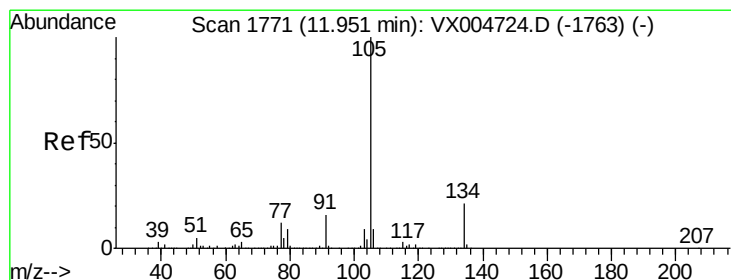
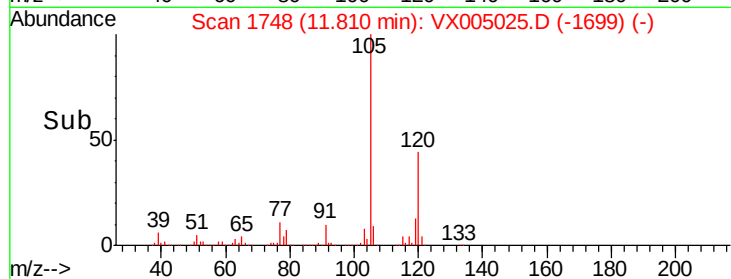
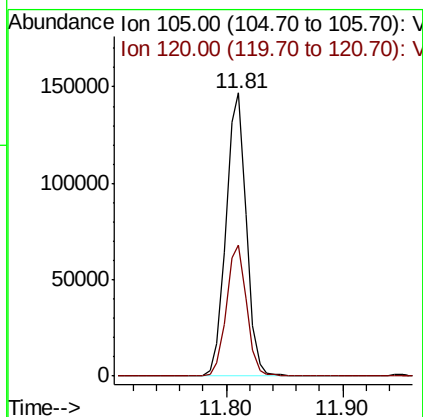
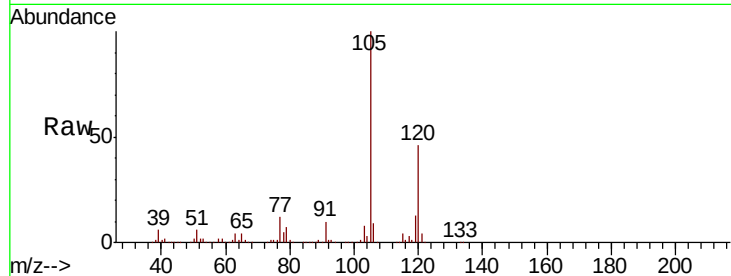




#84
 1,2,4-Trimethylbenzene
 Concen: 13.571 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

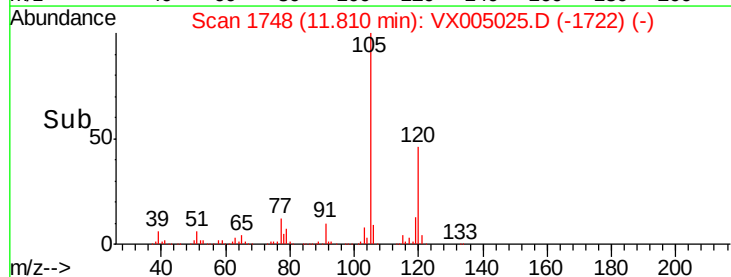
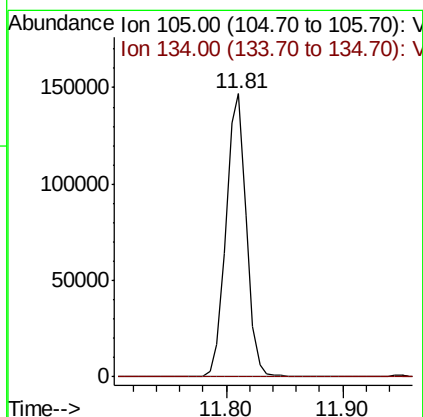
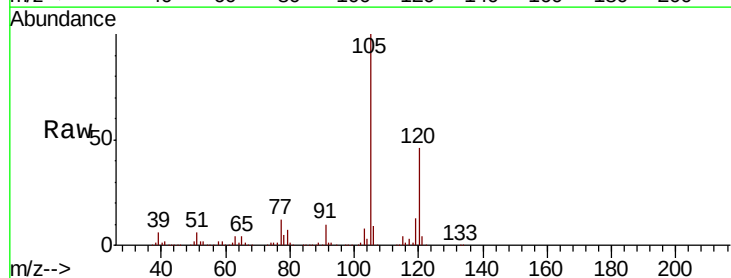
Instrument :
 MSVOA_X
 ClientSampleId :

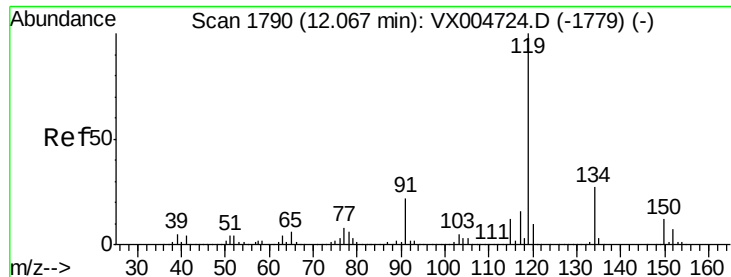
Tot Ion:105 Resp: 176995
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 12.927 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX005025.D
 Acq: 04 Oct 2018 18:15

Tgt Ion:105 Resp: 176995
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.2 30.4#

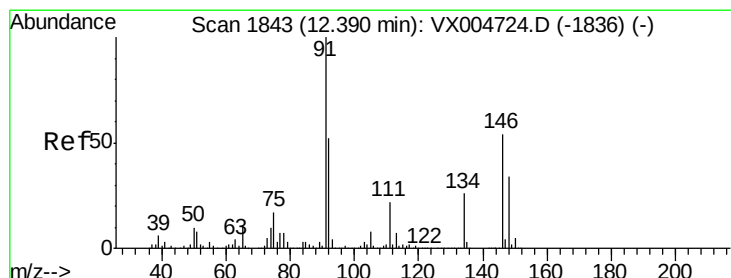
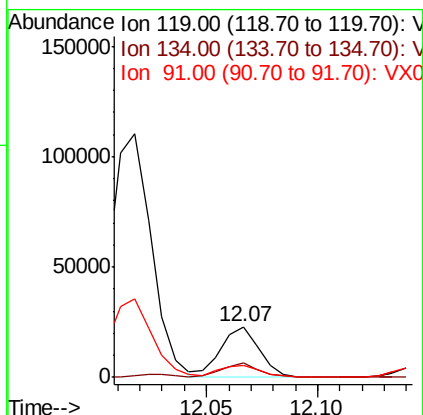
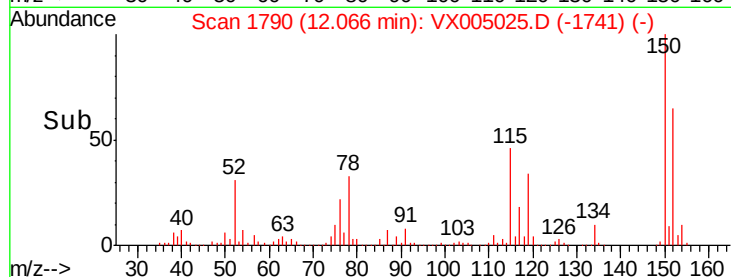
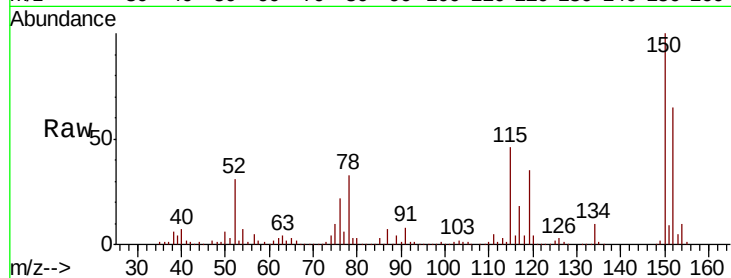




#86
p-Isopropyltoluene
Concen: 2.216 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

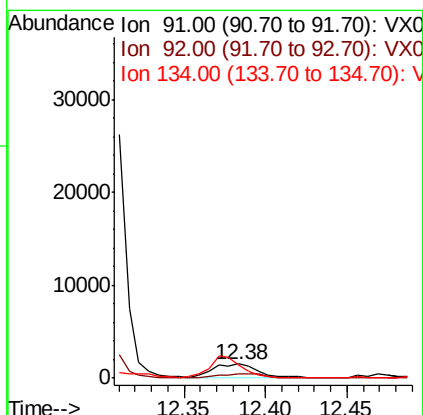
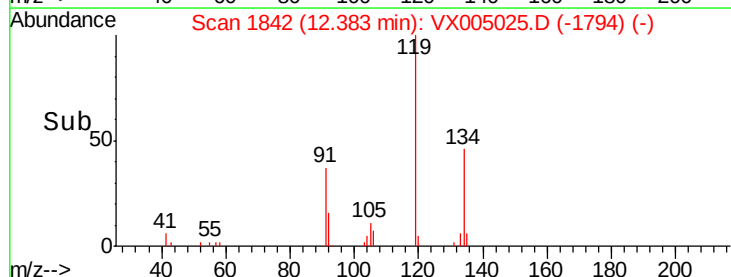
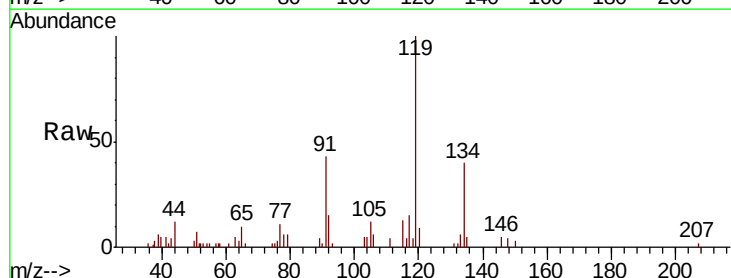
Instrument :
MSVOA_X
ClientSampled :

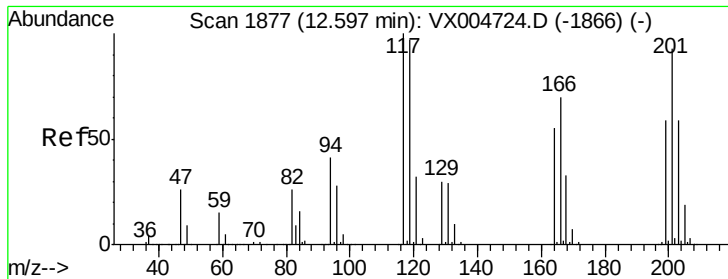
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.4	40.1
91	25.8	11.5	34.4



#89
n-Butylbenzene
Concen: 0.247 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	31.7	26.0	78.0
134	116.8	13.2	39.6#





#90

Hexachloroethane

Concen: 24.454 ug/l

RT: 12.47 min Scan# 1856

Delta R.T. -0.13 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

Instrument :

MSVOA_X

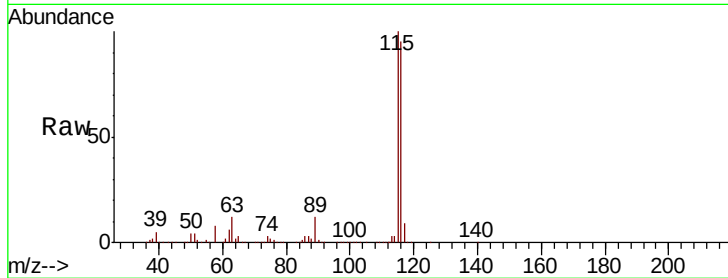
ClientSampleId :

Tot Ion:117 Resp: 50509

Ion Ratio Lower Upper

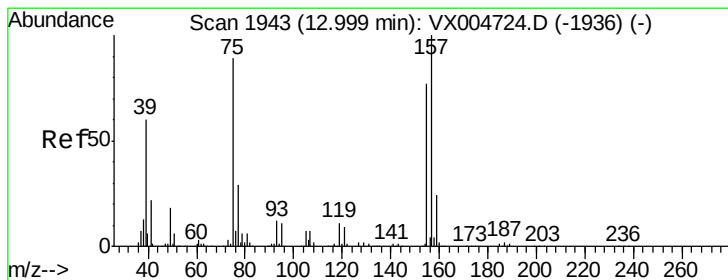
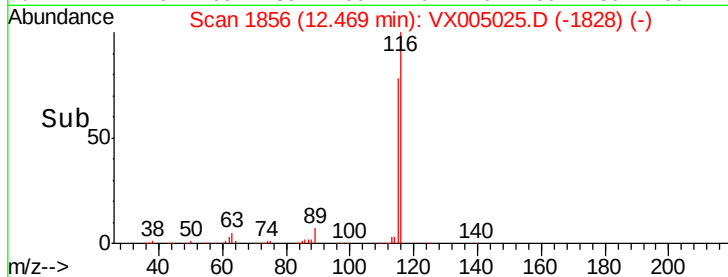
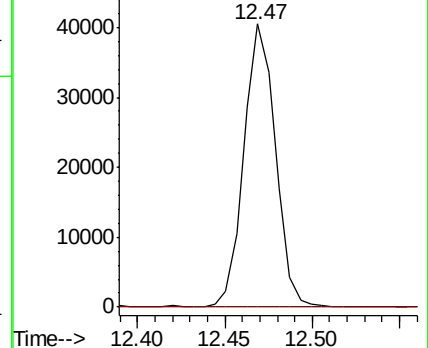
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.077 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005025.D

Acq: 04 Oct 2018 18:15

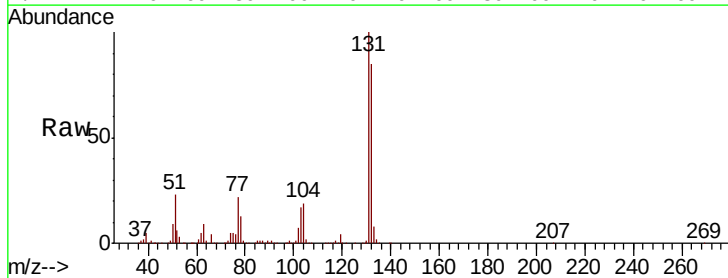
Tgt Ion: 75 Resp: 11077

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

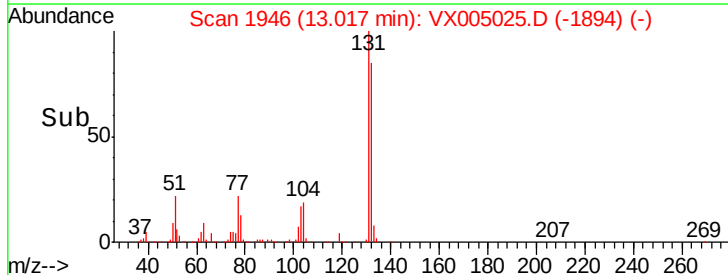
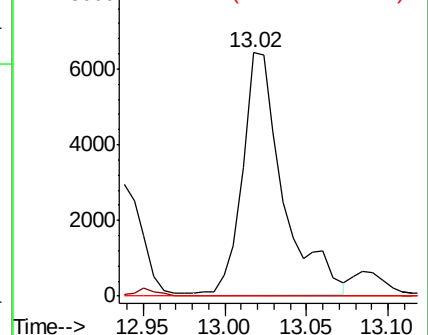
157 0.0 60.2 180.6#

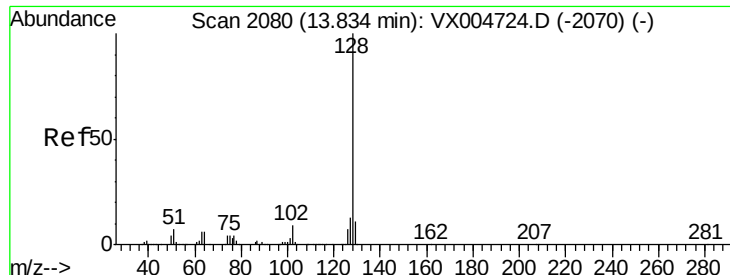


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

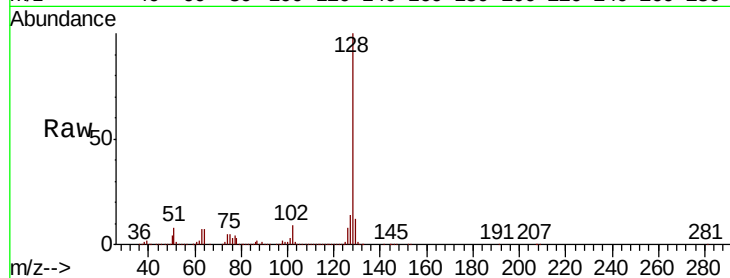




#95
Naphthalene
Concen: 326.879 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005025.D
Acq: 04 Oct 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 5962498
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.4 8.7 13.1



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

