

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008645.D
 Acq On : 04 Apr 2019 18:50
 Operator : JC/SP
 Sample : K2275-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0712

Quant Time: Apr 05 07:09:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	145055	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.50	113	106437	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	8.71	98	449630	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.13	95	151840	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	422	Below Cal	#	21
5) Bromomethane	1.64	94	407	2.120	ug/l	84
6) Chloroethane	1.88	64	241	Below Cal	#	43
10) Methyl Iodide	2.52	142	170	4.074	ug/l #	55
11) Tert butyl alcohol	3.04	59	1335	1.795	ug/l #	72
14) Allyl chloride	2.84	41	16348	2.835	ug/l #	70
15) Acrylonitrile	3.17	53	1210	0.614	ug/l #	42
16) Acetone	2.45	43	5596	3.058	ug/l	99
17) Carbon Disulfide	2.57	76	1367	Below Cal	#	90
18) Methyl Acetate	2.84	43	43103	9.711	ug/l #	56
20) Methylene Chloride	2.85	84	834	0.272	ug/l #	20
25) 2-Butanone	4.68	43	1715	0.593	ug/l #	82
27) cis-1,2-Dichloroethene	4.60	96	1423	0.454	ug/l	91
28) Bromochloromethane	5.02	49	23	Below Cal	#	22
31) Cyclohexane	5.58	56	247816	45.140	ug/l	100
36) 1,1-Dichloropropene	5.66	75	18095	4.644	ug/l #	51
38) Carbon Tetrachloride	5.67	117	21111	6.546	ug/l #	17
39) Methylcyclohexane	7.46	83	378237	78.579	ug/l	98
40) Benzene	6.14	78	43224	3.724	ug/l	98
43) Isopropyl Acetate	6.45	43	3929	0.482	ug/l #	65
45) 1,2-Dichloropropane	7.46	63	3662	1.105	ug/l #	1
48) Methyl methacrylate	7.73	41	20611	5.001	ug/l #	53
51) 4-Methyl-2-Pentanone	8.67	43	6900	1.316	ug/l #	38
52) Toluene	8.79	92	16565	2.420	ug/l	95
55) 1,1,2-Trichloroethane	9.16	97	20409	7.429	ug/l #	17
56) Ethyl methacrylate	9.16	69	4956	0.997	ug/l #	5
65) Chlorobenzene	10.14	112	40924	5.939	ug/l	99
67) Ethyl Benzene	10.26	91	3788560	294.843	ug/l	97
68) m/p-Xylenes	10.37	106	5030113	1088.761	ug/l	89
69) o-Xylene	10.69	106	264083	58.982	ug/l	100
70) Styrene	10.70	104	17874	2.316	ug/l #	1
73) Isopropylbenzene	11.02	105	449652	40.849	ug/l	100
74) N-amyl acetate	10.90	43	4937	0.762	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	11.27	83	1957	0.467	ug/l #	86

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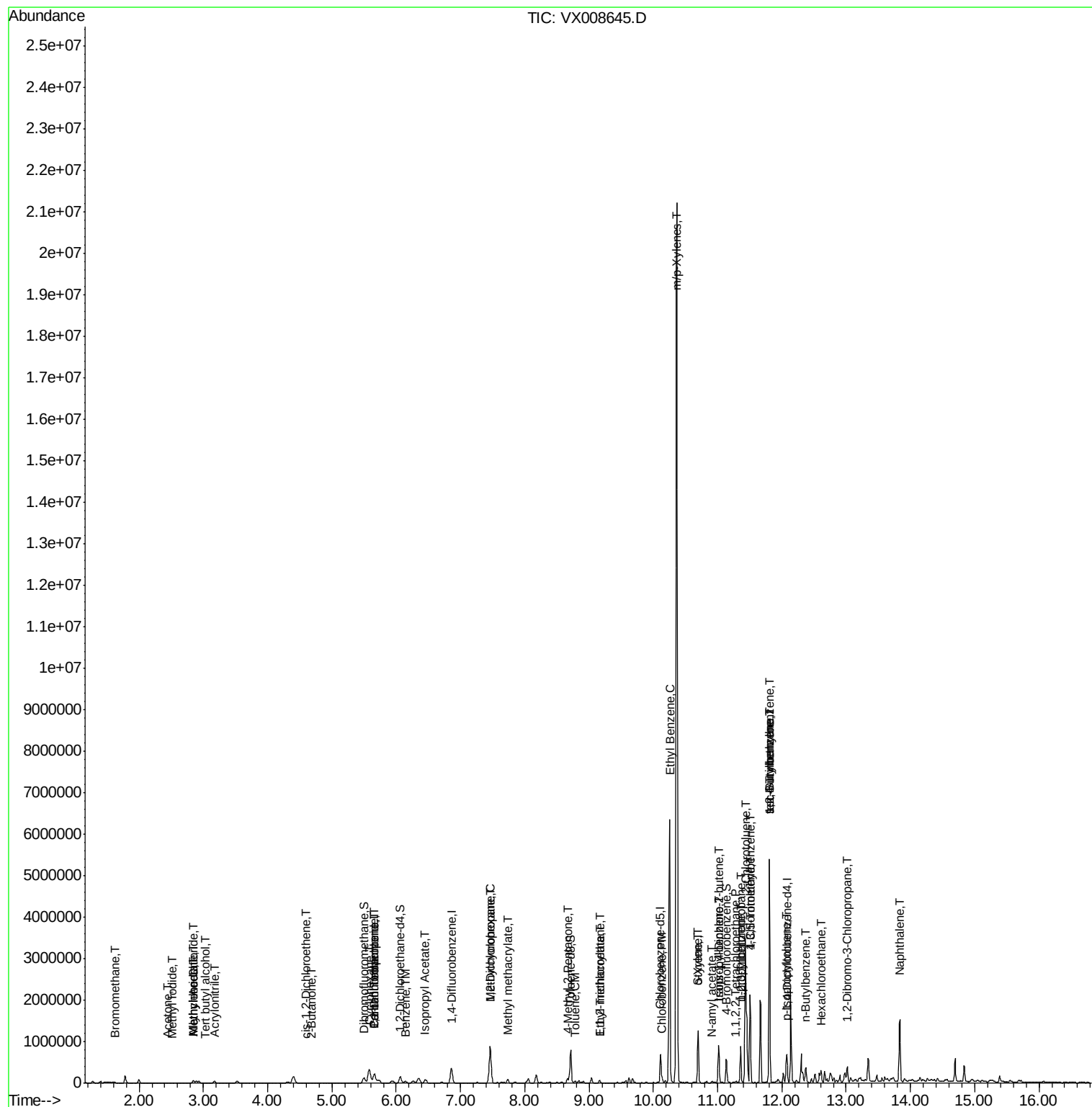
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
76) 1,2,3-Trichloropropane	11.36	75	3445	0.944	ug/l #		1
78) n-propylbenzene	11.36	91	519808	40.556	ug/l		99
79) 2-Chlorotoluene	11.43	91	284973	36.741	ug/l #		43
80) 1,3,5-Trimethylbenzene	11.51	105	861771	93.264	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.02	75	5319	4.018	ug/l #		65
82) 4-Chlorotoluene	11.51	91	89949	10.019	ug/l #		47
83) tert-Butylbenzene	11.81	119	289993	32.621	ug/l #		62
84) 1,2,4-Trimethylbenzene	11.80	105	2350195	251.191	ug/l		98
85) sec-Butylbenzene	11.80	105	2349989	222.551	ug/l #		58
86) p-Isopropyltoluene	12.06	119	54724	5.774	ug/l		99
89) n-Butylbenzene	12.37	91	46127	5.190	ug/l #		19
90) Hexachloroethane	12.61	117	9112	5.797	ug/l #		9
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1162	1.262	ug/l #		3
95) Naphthalene	13.83	128	902315	82.550	ug/l		100

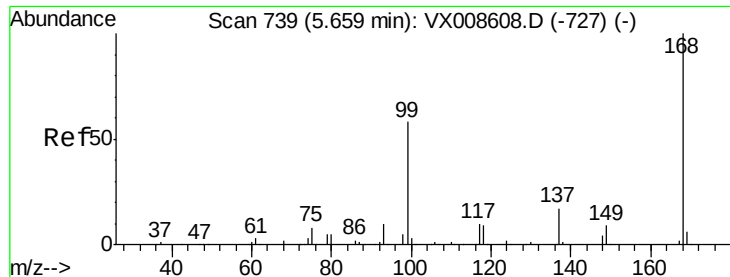
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

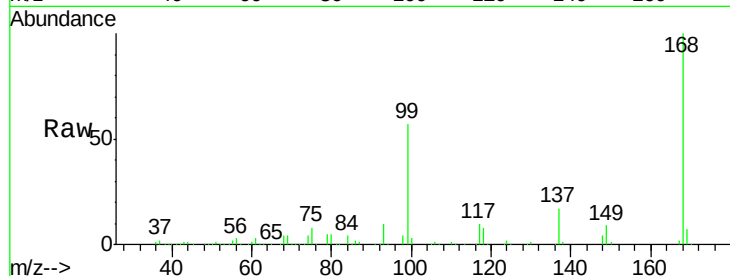
S8-0712

Tgt Ion:168 Resp: 217848

Ion Ratio Lower Upper

168 100

99 57.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

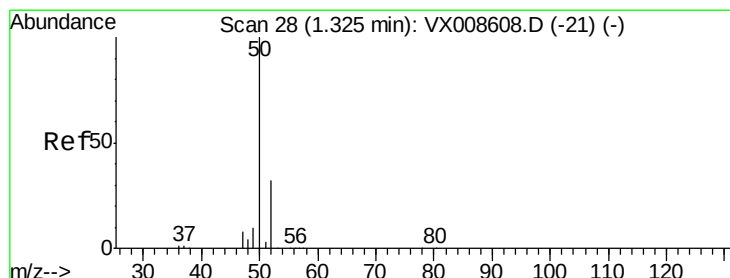
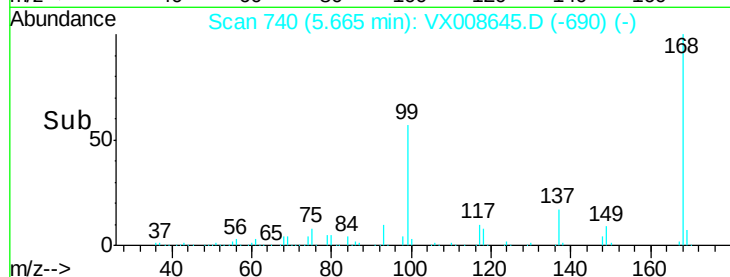
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008645.D

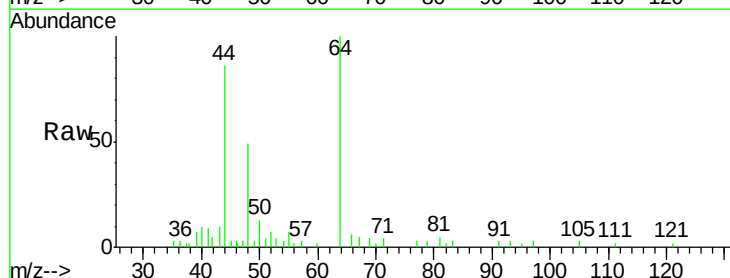
Acq: 04 Apr 2019 18:50

Tgt Ion: 50 Resp: 422

Ion Ratio Lower Upper

50 100

52 76.8 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

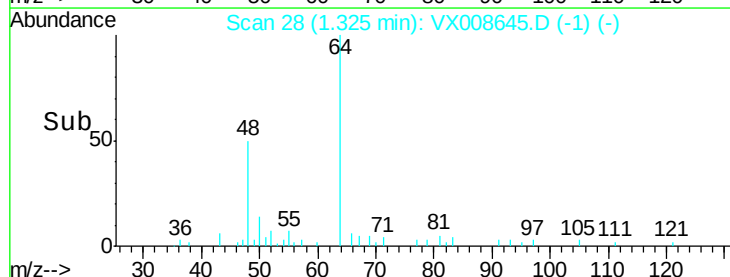
300

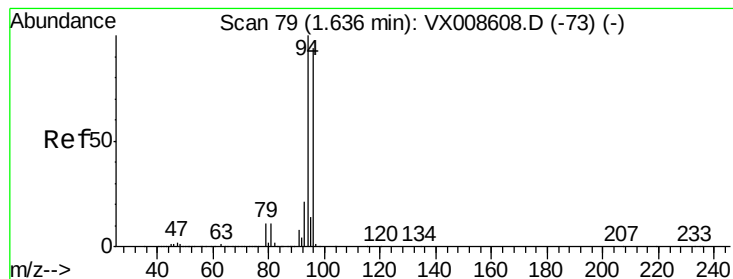
200

100

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 2.120 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

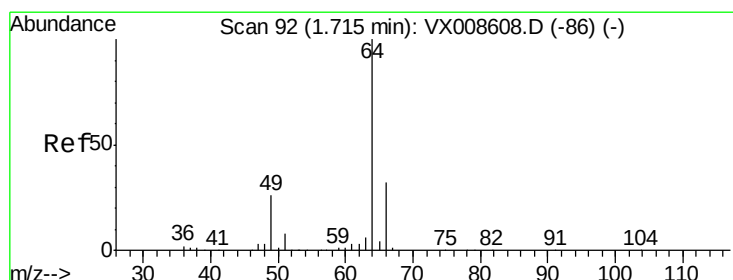
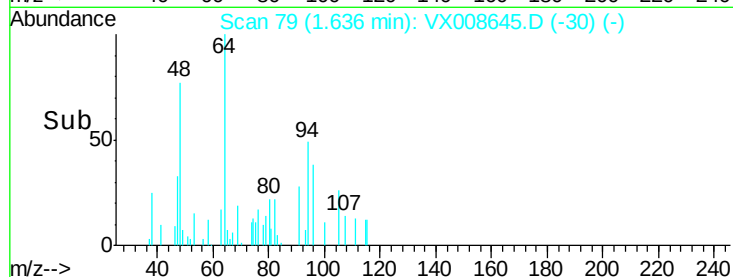
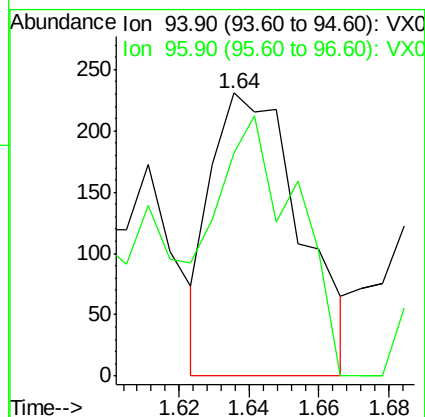
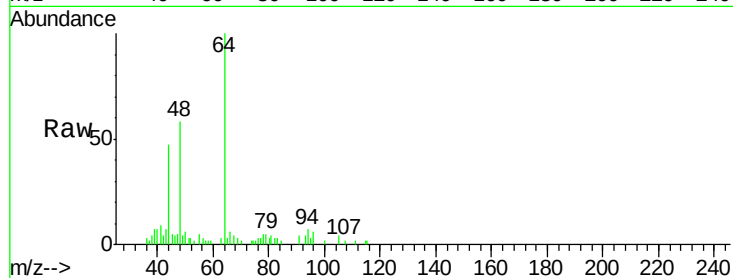
S8-0712

Tgt Ion: 94 Resp: 407

Ion Ratio Lower Upper

94 100

96 109.6 75.2 112.8



#6

Chloroethane

Concen: Below Cal

RT: 1.88 min Scan# 119

Delta R.T. 0.17 min

Lab File: VX008645.D

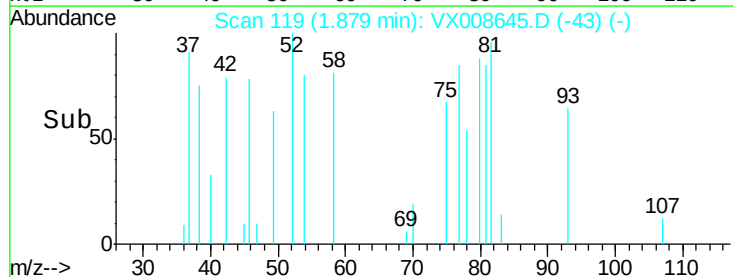
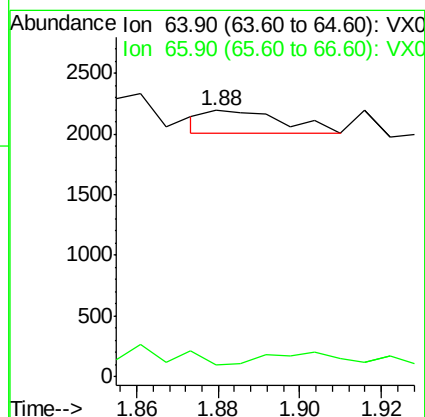
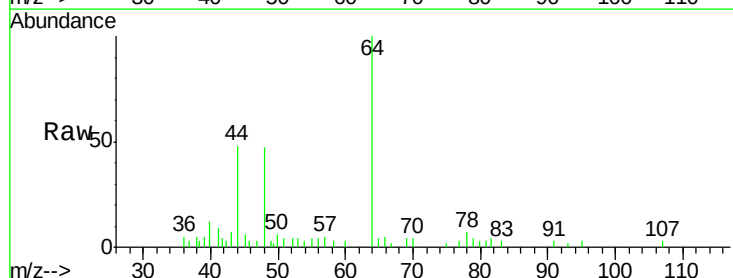
Acq: 04 Apr 2019 18:50

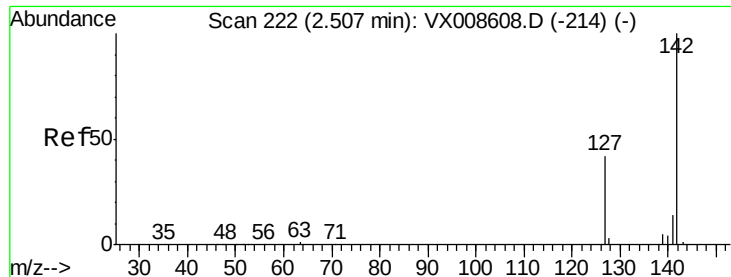
Tgt Ion: 64 Resp: 241

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#

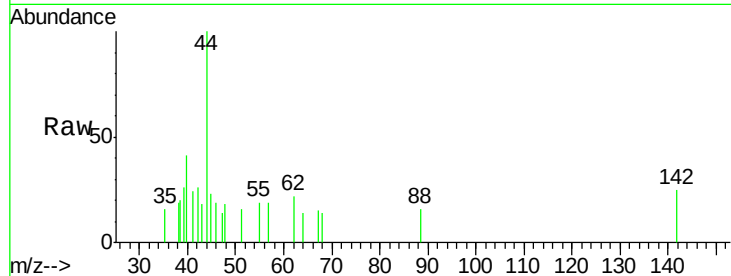




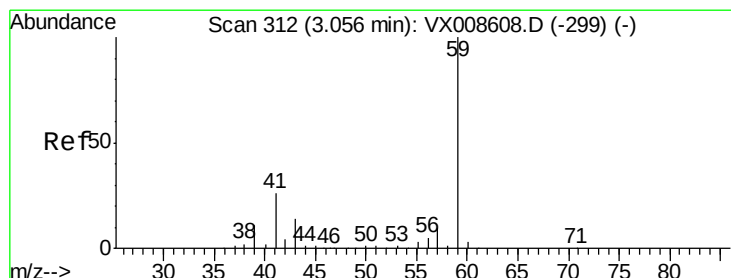
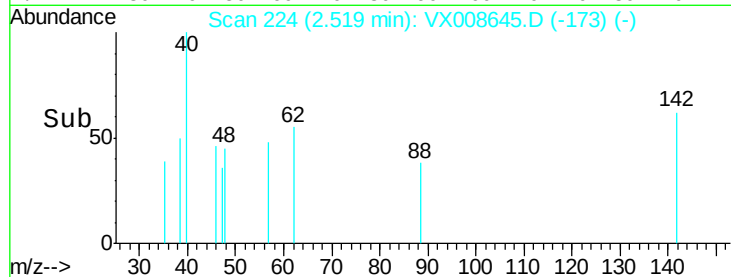
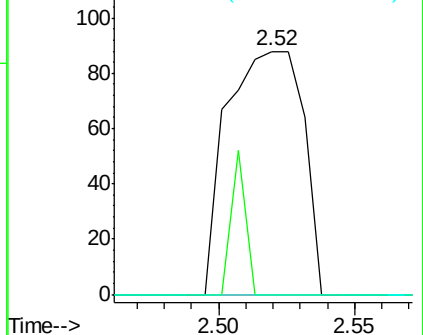
#10
Methyl Iodide
Concen: 4.074 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Instrument :
MSVOA_X
ClientSampled :
S8-0712

Tgt Ion: 142 Resp: 170
Ion Ratio Lower Upper
142 100
127 11.2 33.0 49.6#
141 0.0 11.4 17.2#

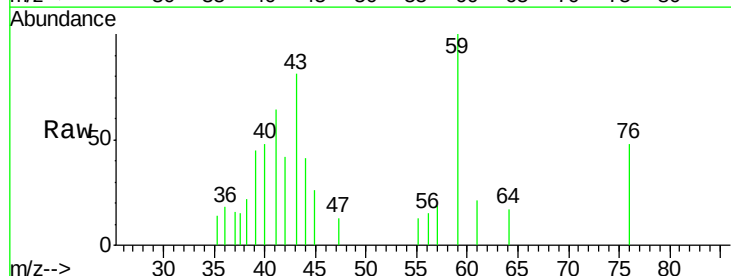


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

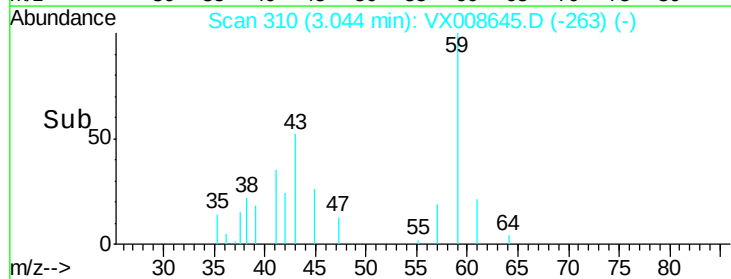
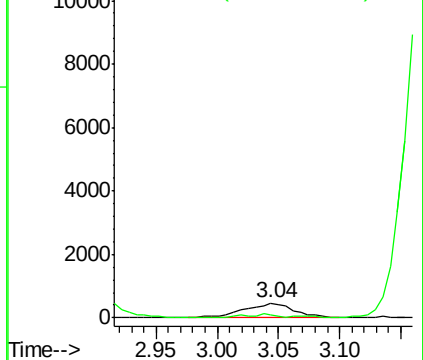


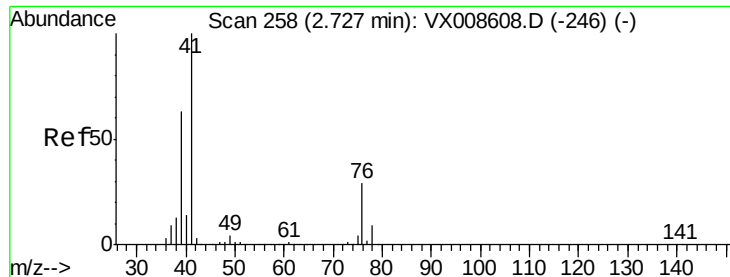
#11
Tert butyl alcohol
Concen: 1.795 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion: 59 Resp: 1335
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



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

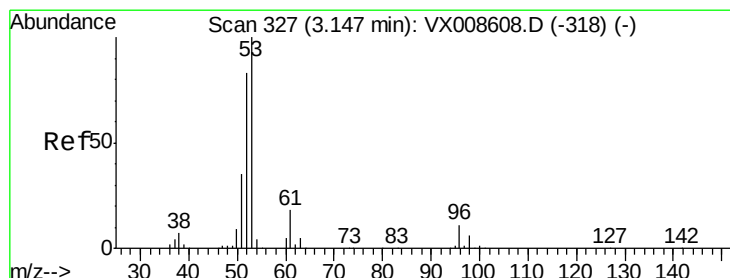
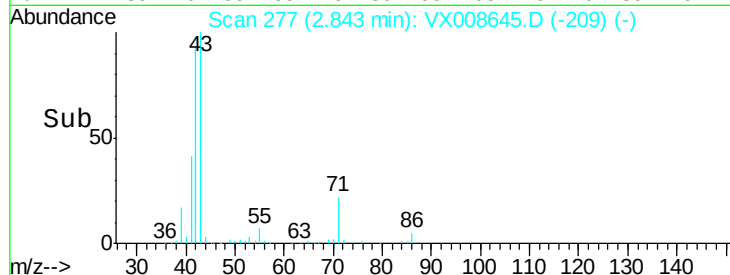
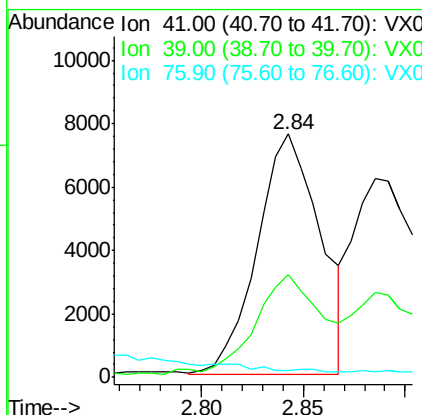
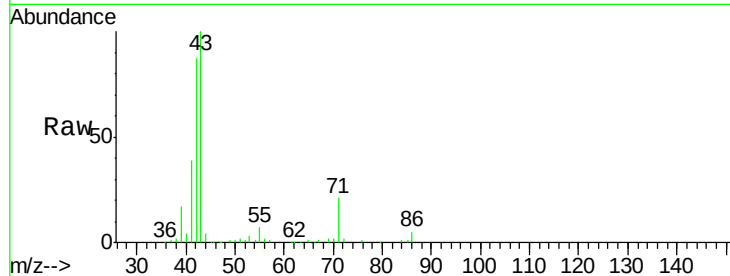




#14
 Allyl chloride
 Concen: 2.835 ug/l
 RT: 2.84 min Scan# 277
 Delta R.T. 0.12 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

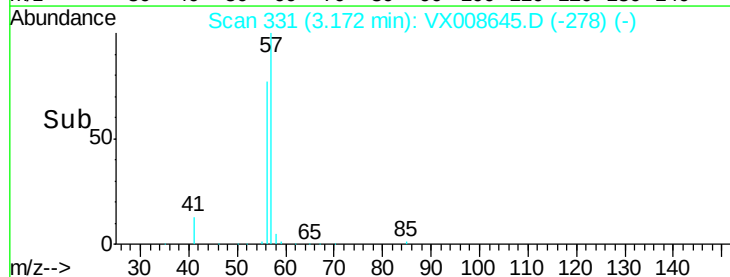
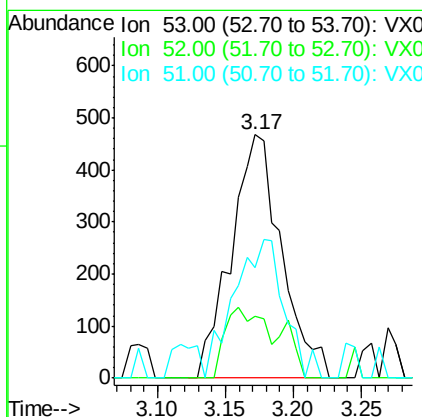
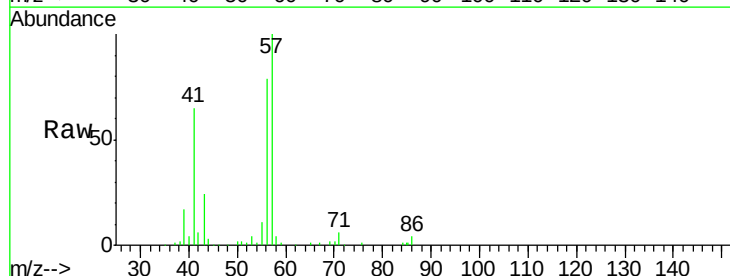
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0712

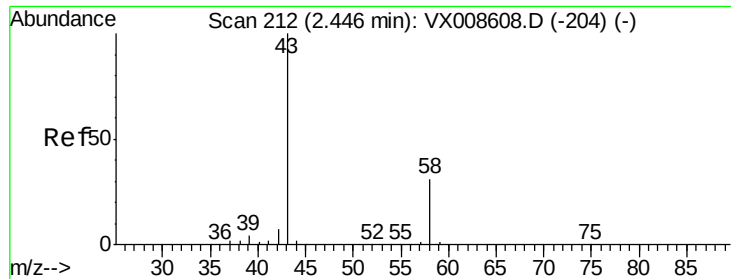
Tgt Ion: 41 Resp: 16348
 Ion Ratio Lower Upper
 41 100
 39 45.1 48.0 72.0#
 76 0.0 22.0 33.0#



#15
 Acrylonitrile
 Concen: 0.614 ug/l
 RT: 3.17 min Scan# 331
 Delta R.T. 0.02 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

Tgt Ion: 53 Resp: 1210
 Ion Ratio Lower Upper
 53 100
 52 22.1 66.5 99.7#
 51 56.7 28.6 42.8#





#16

Acetone

Concen: 3.058 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

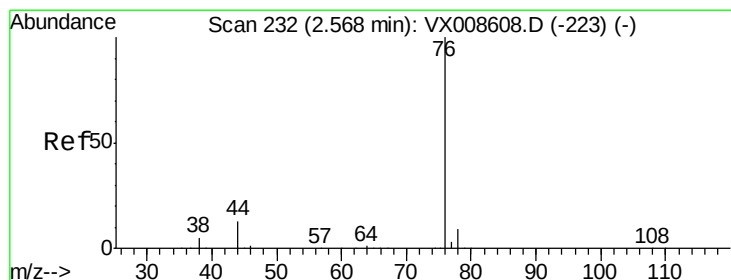
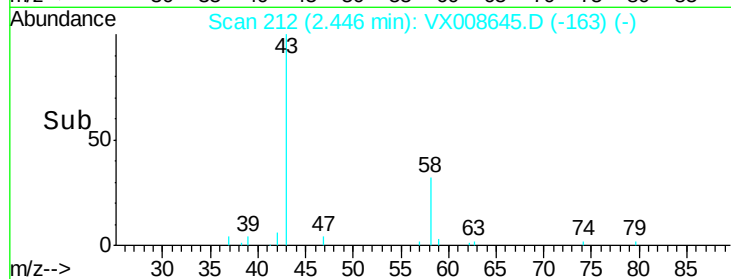
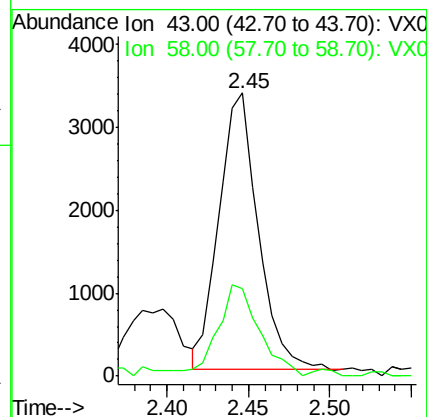
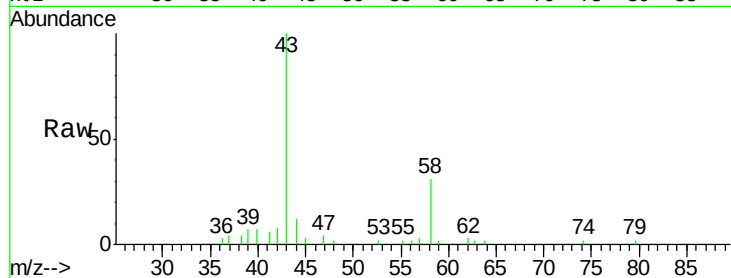
S8-0712

Tgt Ion: 43 Resp: 5596

Ion Ratio Lower Upper

43 100

58 31.5 24.8 37.2



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008645.D

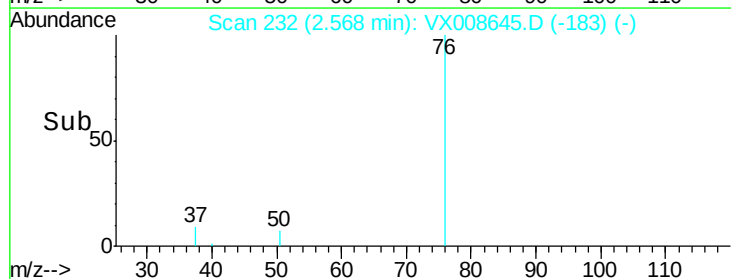
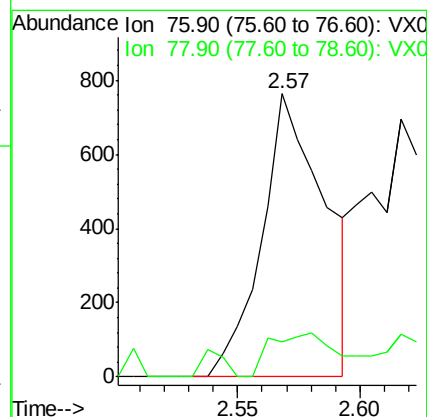
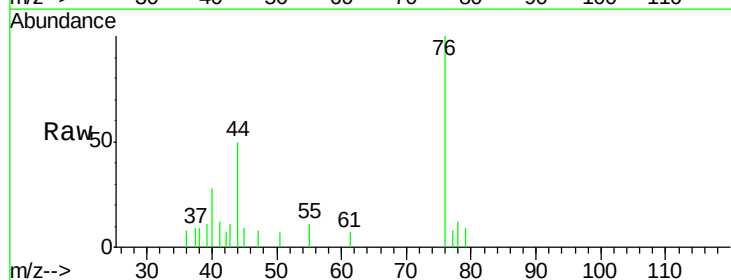
Acq: 04 Apr 2019 18:50

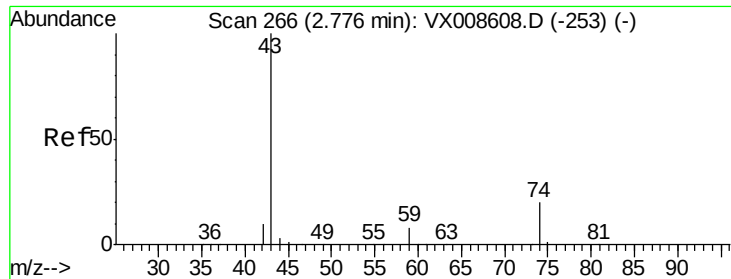
Tgt Ion: 76 Resp: 1367

Ion Ratio Lower Upper

76 100

78 12.5 7.1 10.7#

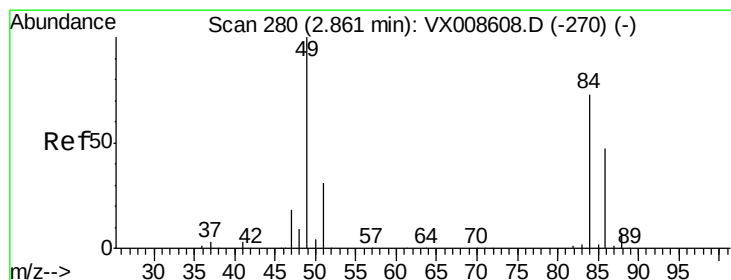
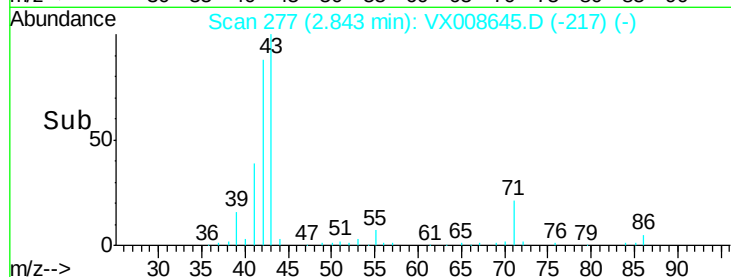
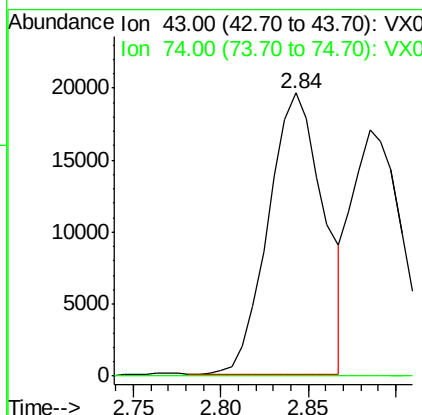
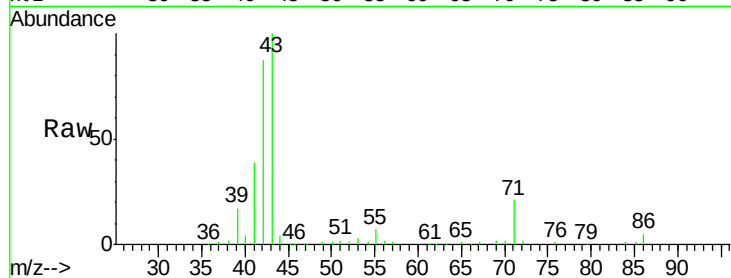




#18
Methyl Acetate
Concen: 9.711 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

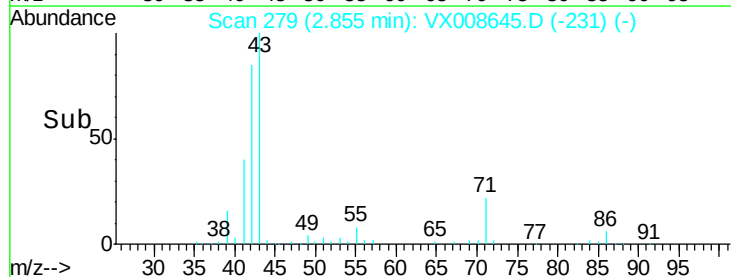
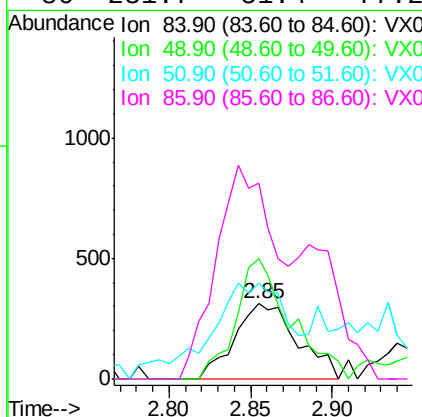
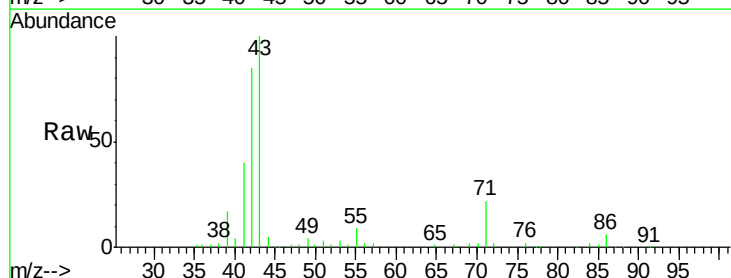
Instrument :
MSVOA_X
ClientSampled :
S8-0712

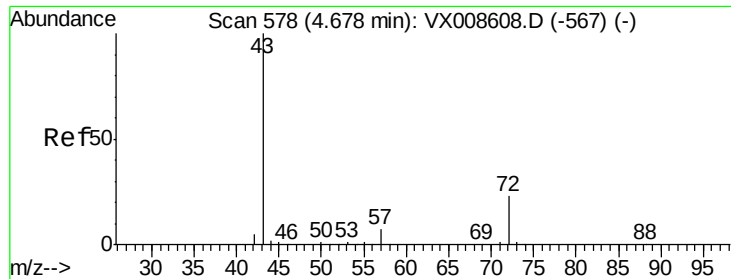
Tgt Ion: 43 Resp: 43103
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion: 84 Resp: 834
Ion Ratio Lower Upper
84 100
49 159.9 109.7 164.5
51 88.1 33.6 50.4#
86 231.7 51.4 77.2#





#25

2-Butanone

Concen: 0.593 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

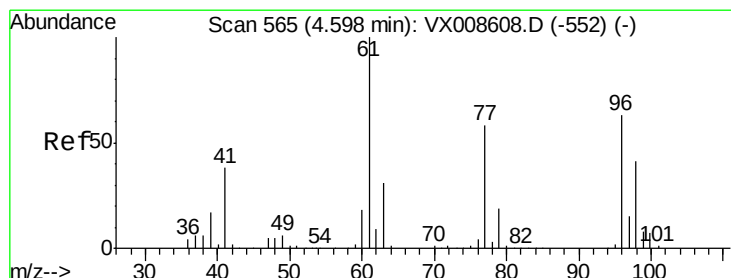
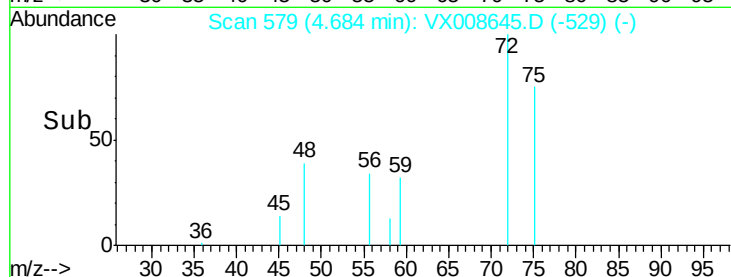
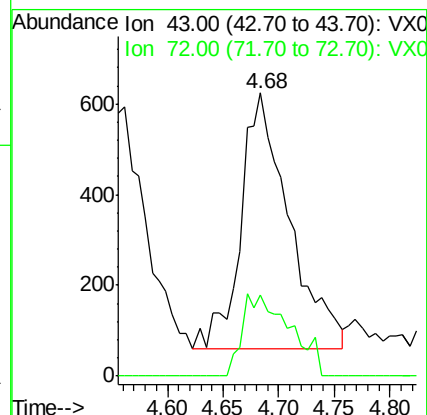
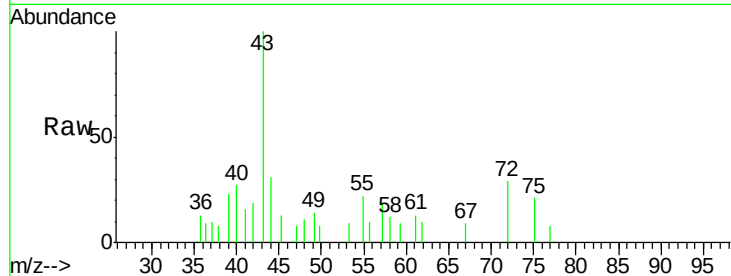
S8-0712

Tgt Ion: 43 Resp: 1715

Ion Ratio Lower Upper

43 100

72 31.7 18.2 27.4#



#27

cis-1,2-Dichloroethene

Concen: 0.454 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

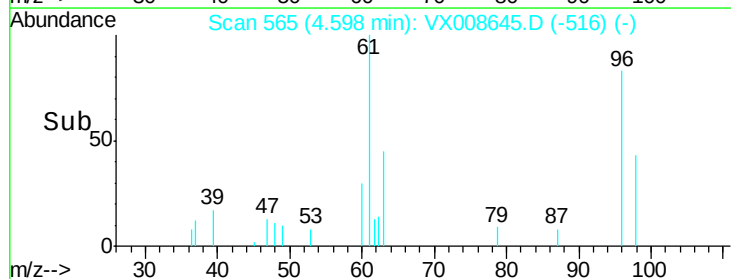
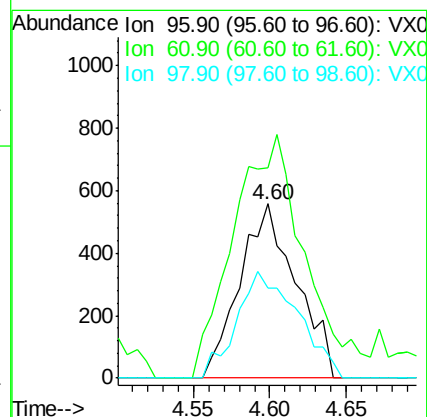
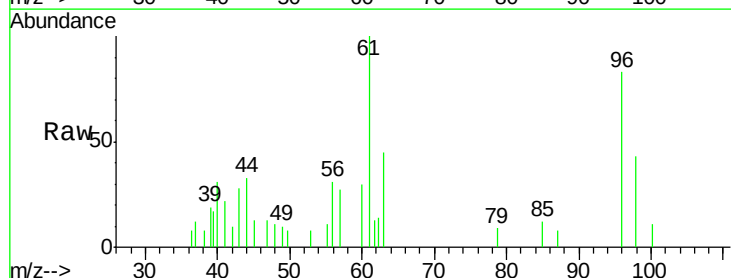
Tgt Ion: 96 Resp: 1423

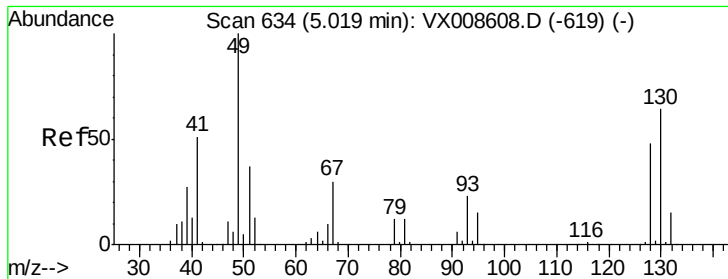
Ion Ratio Lower Upper

96 100

61 179.2 0.0 327.6

98 66.5 0.0 128.6





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

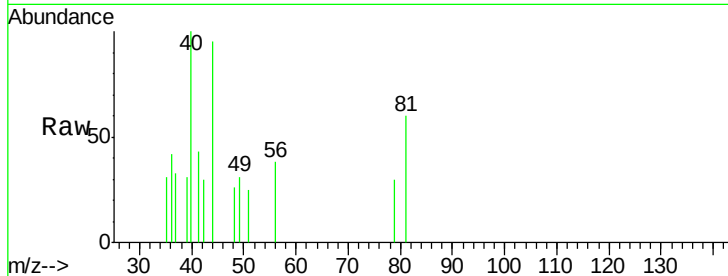
Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :
MSVOA_X
ClientSampled :
S8-0712

Tgt Ion: 49 Resp: 23

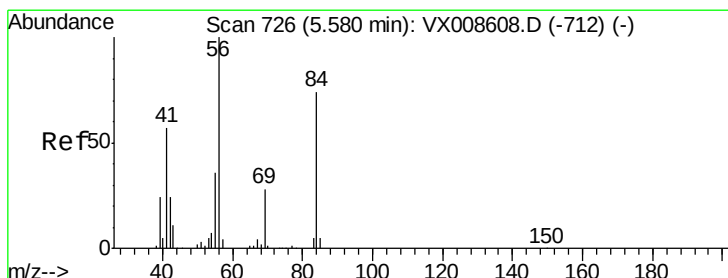
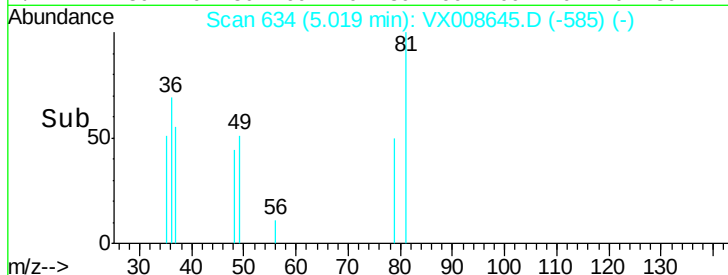
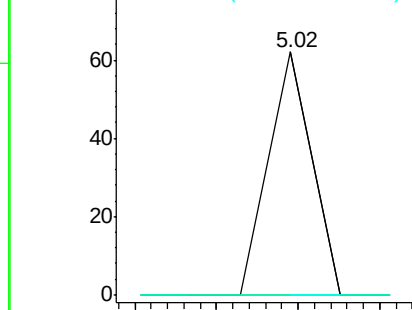
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 45.140 ug/l

RT: 5.58 min Scan# 726

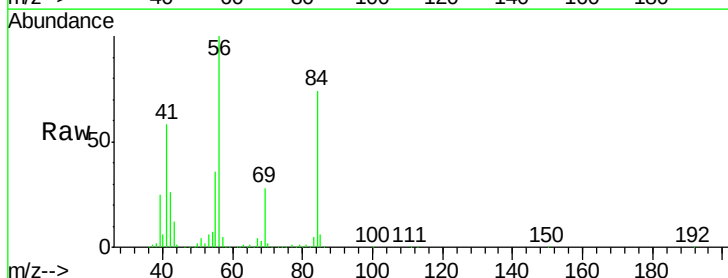
Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Tgt Ion: 56 Resp: 247816

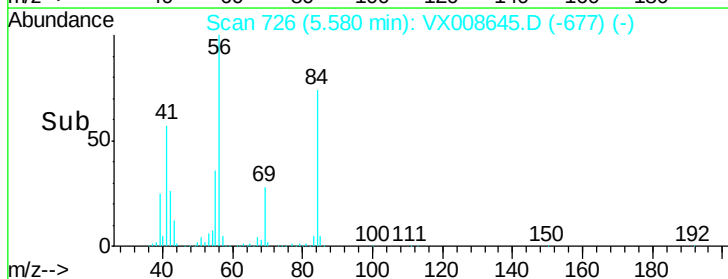
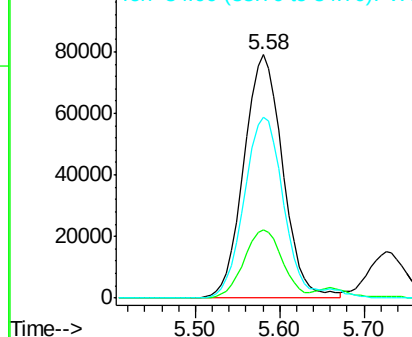
Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.6	33.8
84	74.2	59.3	88.9

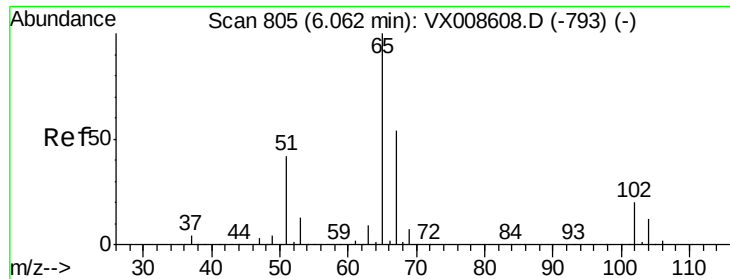


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

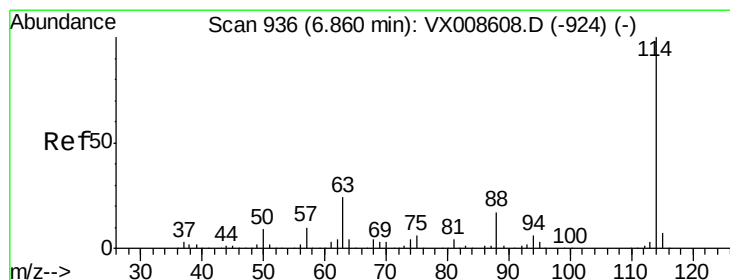
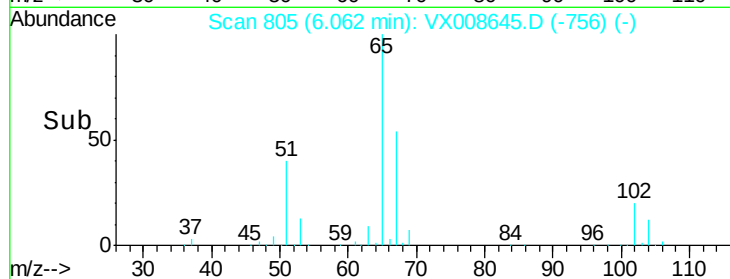
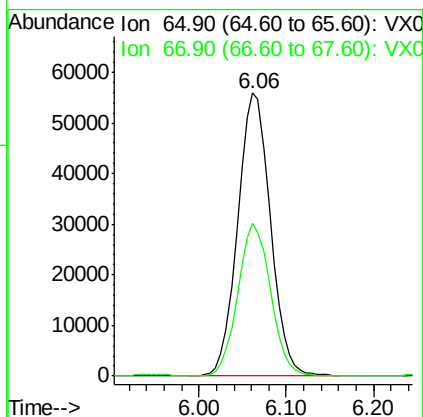
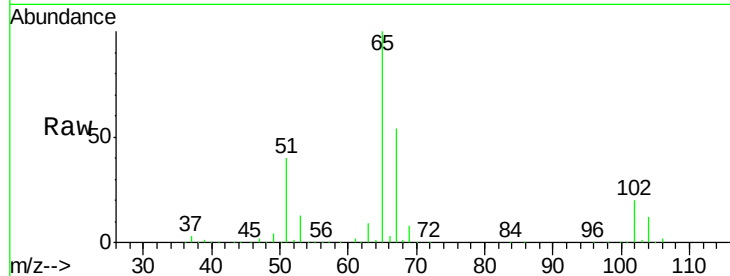




#33
 1,2-Dichloroethane-d4
 Concen: 45.651 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

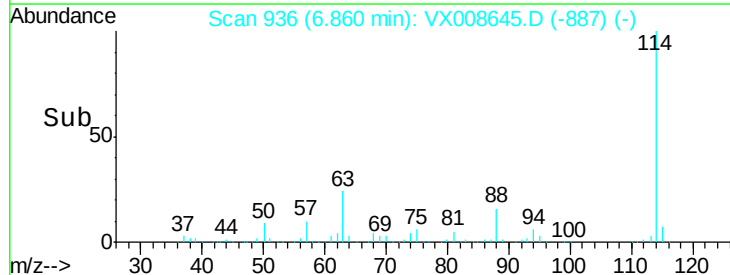
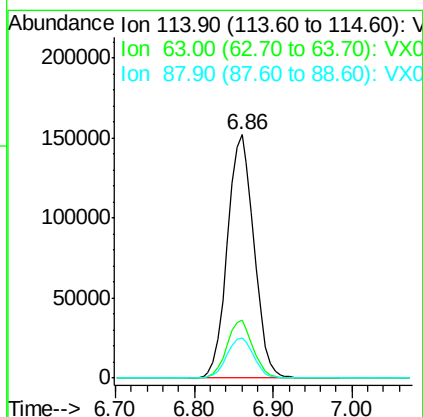
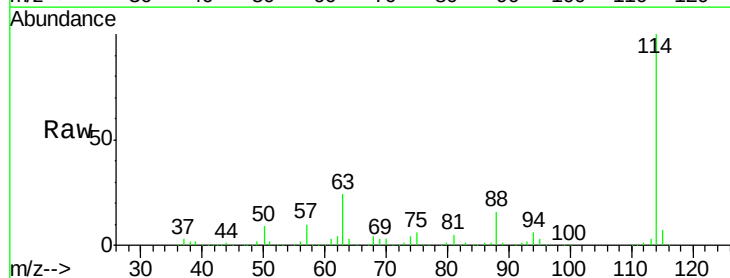
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0712

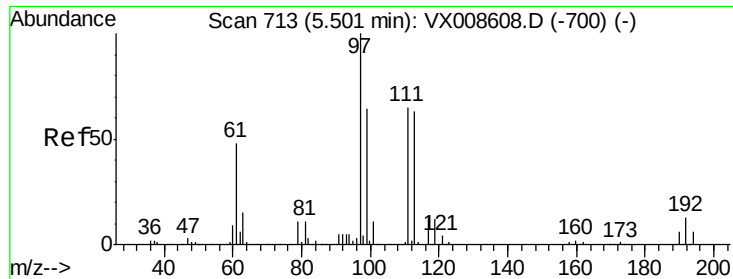
Tgt Ion: 65 Resp: 145055
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

Tgt Ion: 114 Resp: 356465
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.701 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S8-0712

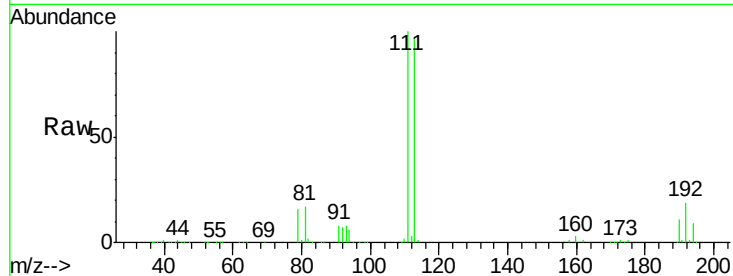
Tgt Ion:113 Resp: 106437

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

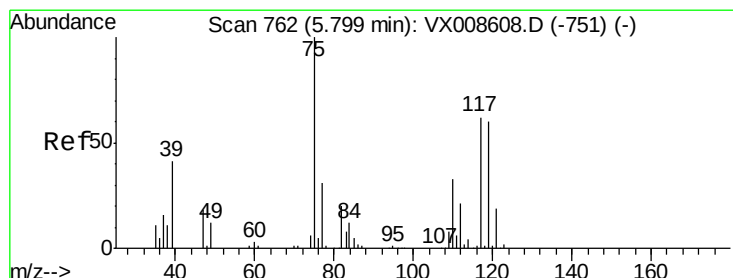
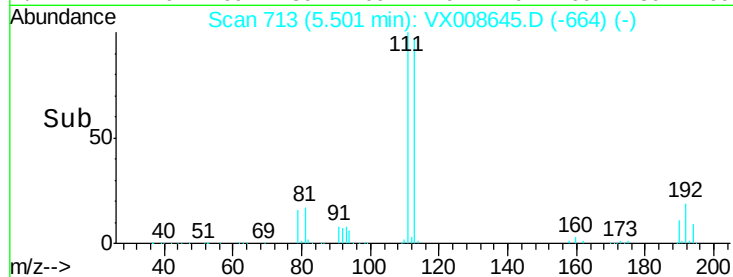
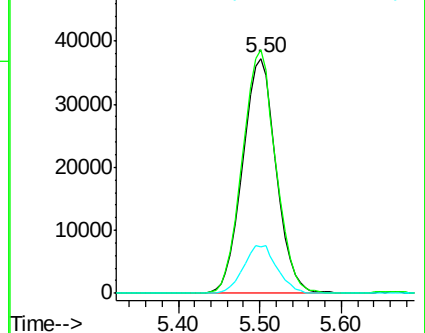
192 20.6 16.1 24.1



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: 4.644 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

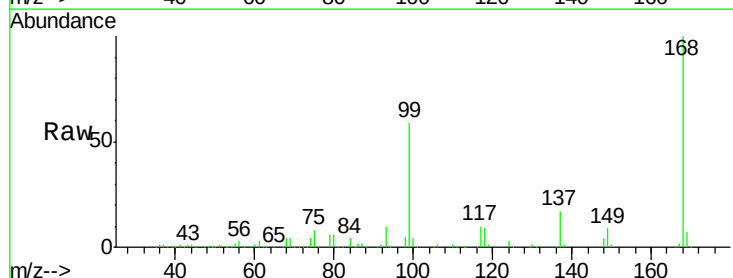
Tgt Ion: 75 Resp: 18095

Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.2#

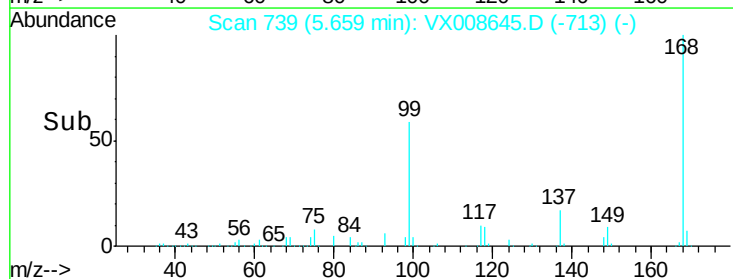
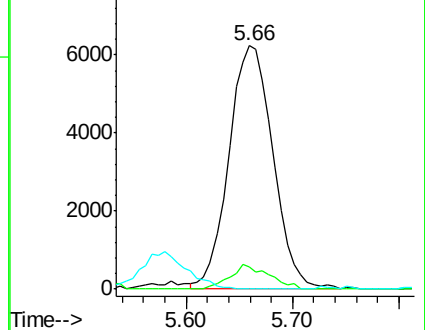
77 0.0 24.7 37.1#

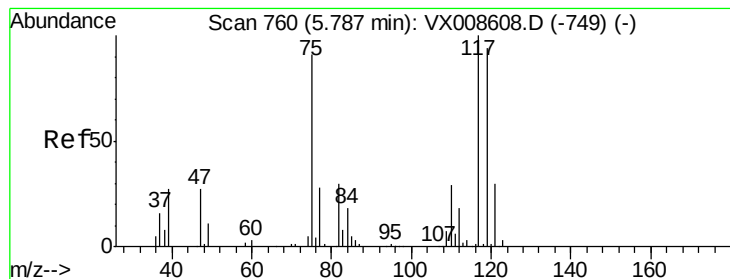


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.546 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S8-0712

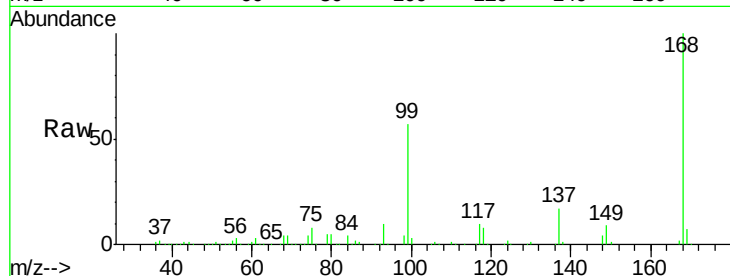
Tgt Ion: 117 Resp: 21111

Ion Ratio Lower Upper

117 100

119 4.9 75.0 112.6#

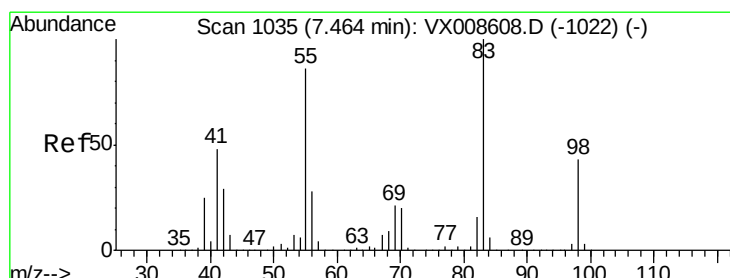
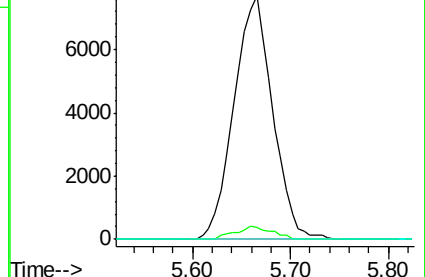
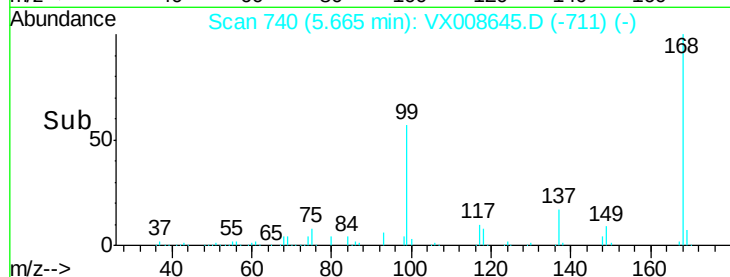
121 0.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 78.579 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

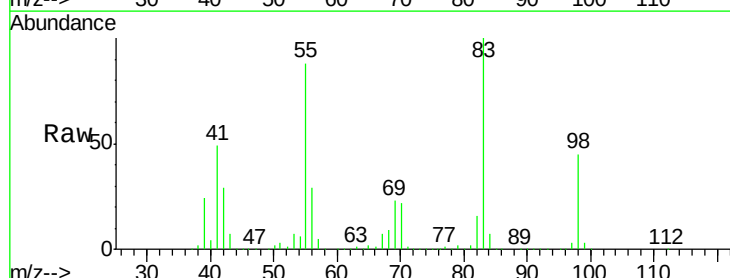
Tgt Ion: 83 Resp: 378237

Ion Ratio Lower Upper

83 100

55 87.5 69.0 103.6

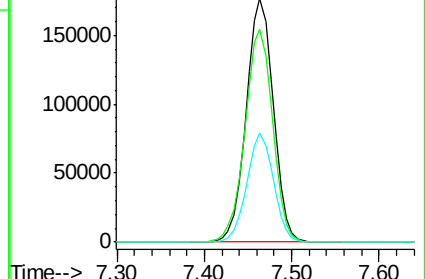
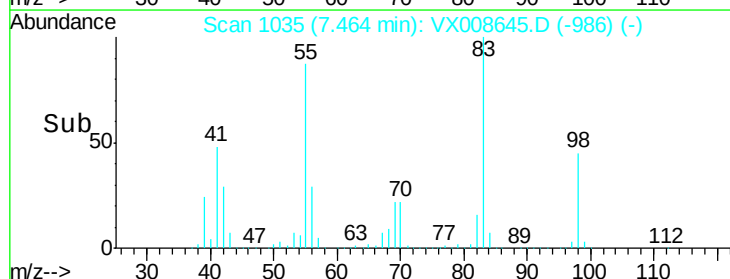
98 44.8 34.4 51.6

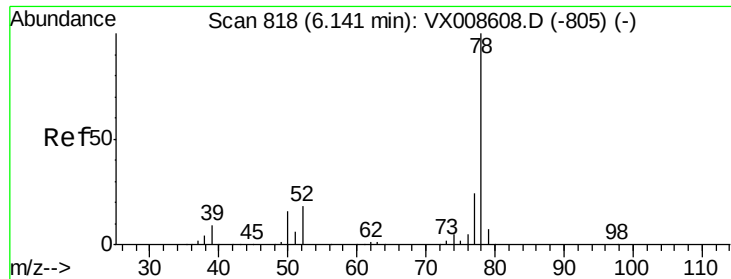


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 3.724 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

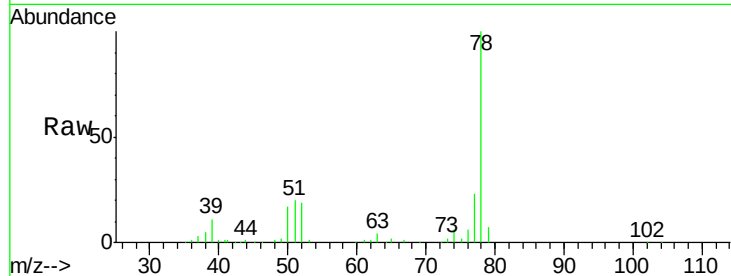
S8-0712

Tgt Ion: 78 Resp: 43224

Ion Ratio Lower Upper

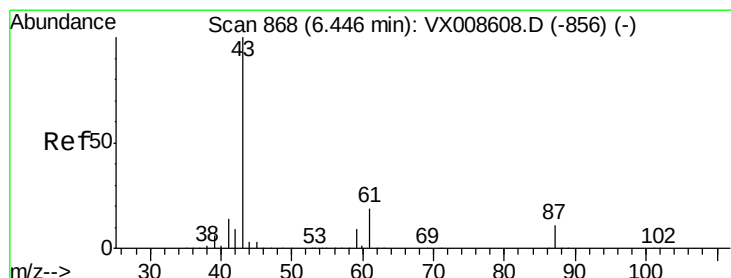
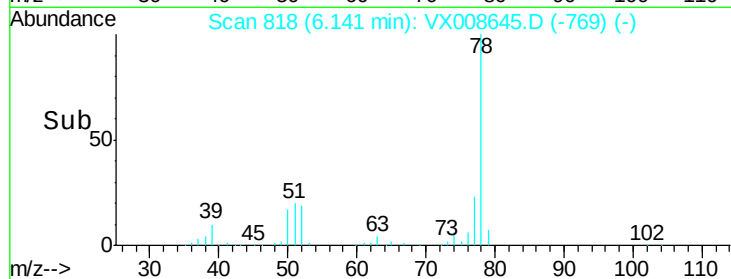
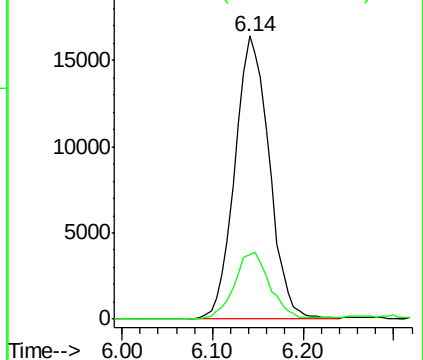
78 100

77 22.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 0.482 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

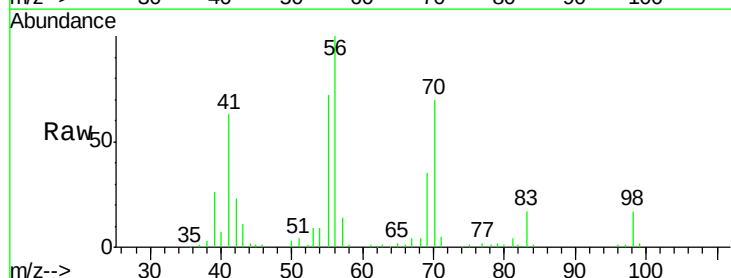
Tgt Ion: 43 Resp: 3929

Ion Ratio Lower Upper

43 100

61 2.0 15.3 22.9#

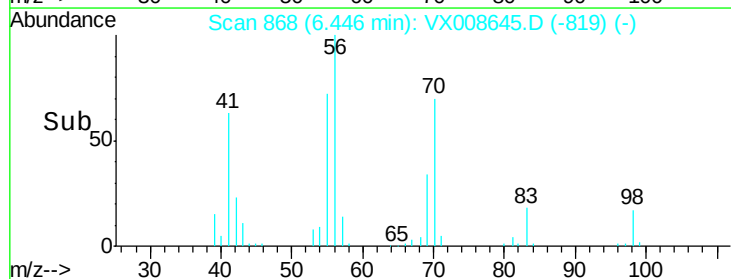
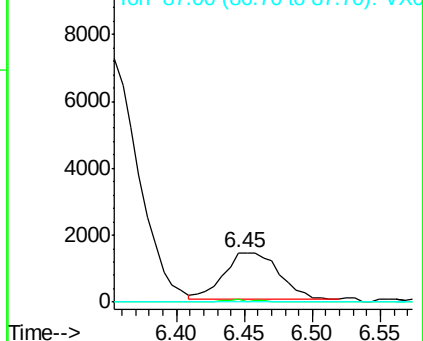
87 0.0 9.0 13.6#

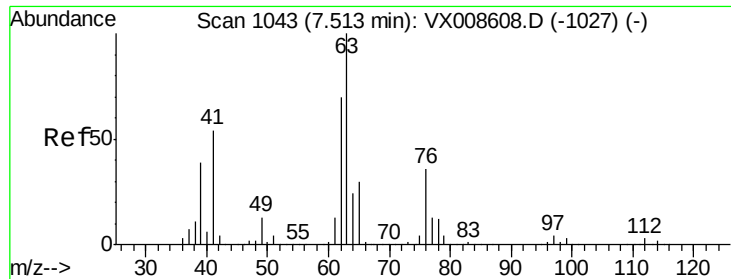


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

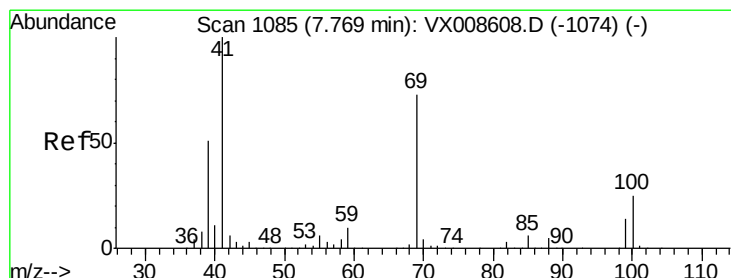
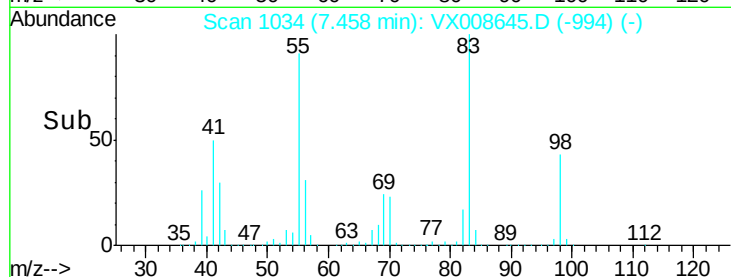
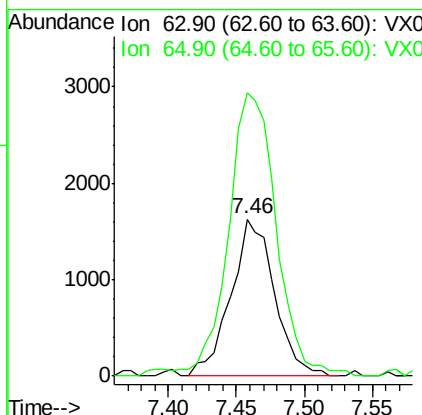
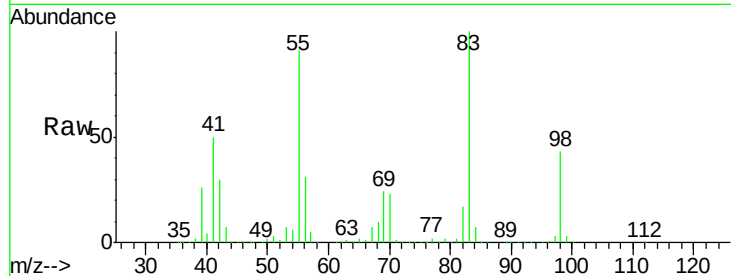




#45
 1,2-Dichloropropane
 Concen: 1.105 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

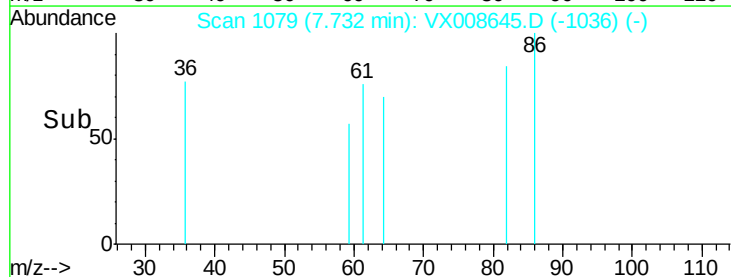
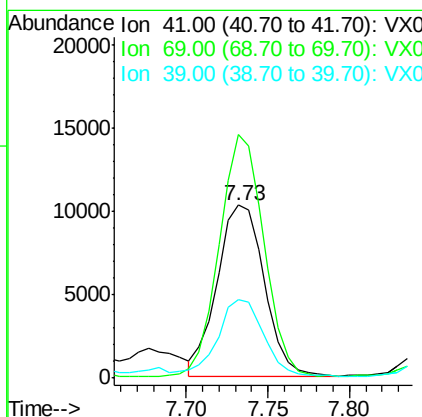
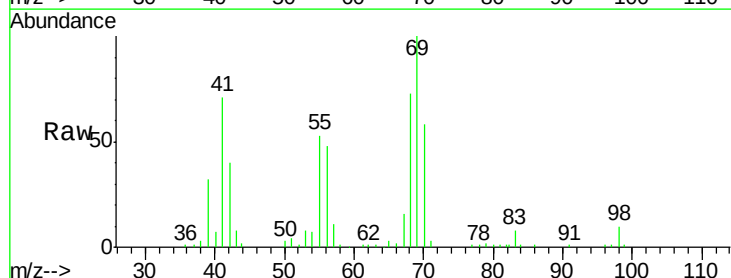
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0712

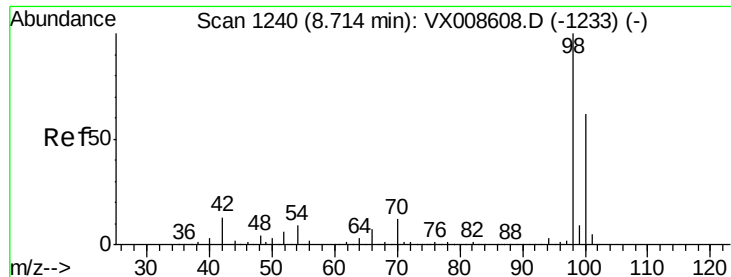
Tgt Ion: 63 Resp: 3662
 Ion Ratio Lower Upper
 63 100
 65 176.8 24.2 36.4#



#48
 Methyl methacrylate
 Concen: 5.001 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.04 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

Tgt Ion: 41 Resp: 20611
 Ion Ratio Lower Upper
 41 100
 69 135.8 59.0 88.4#
 39 44.7 41.0 61.4

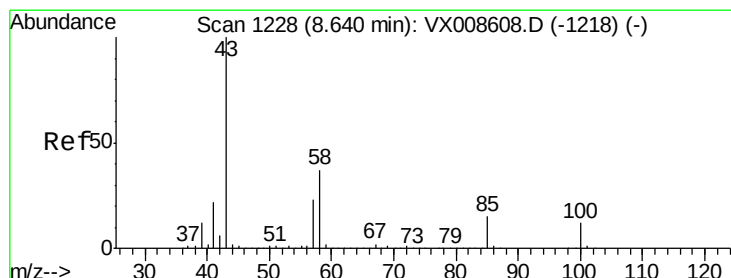
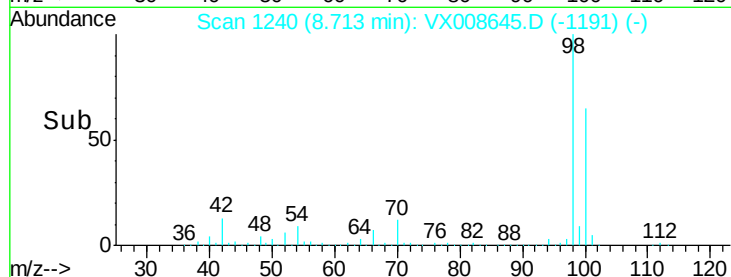
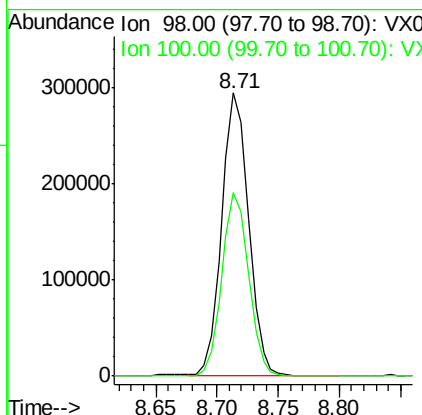
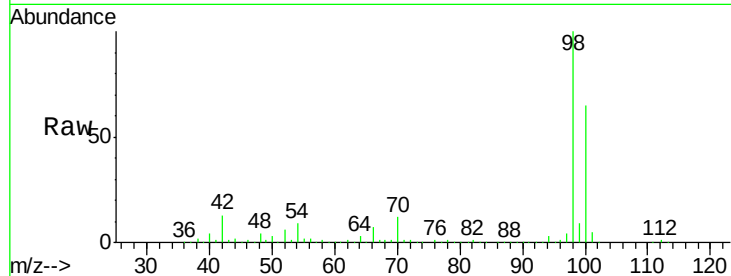




#50
Toluene-d8
Concen: 49.547 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

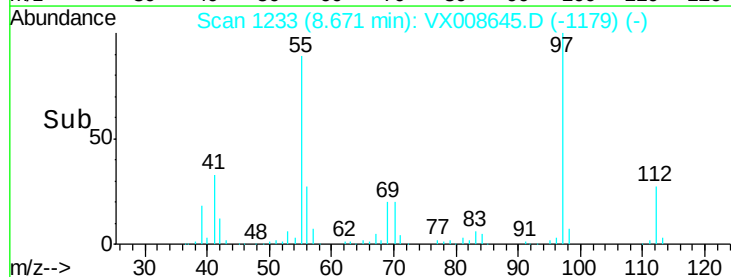
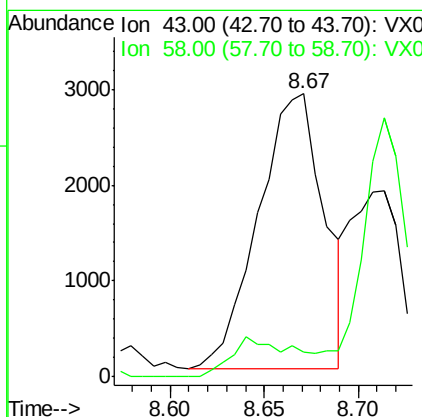
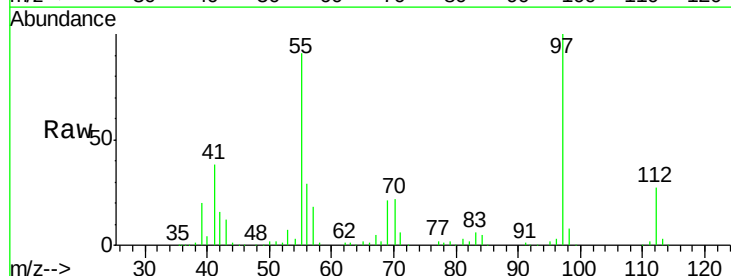
Instrument :
MSVOA_X
ClientSampleId :
S8-0712

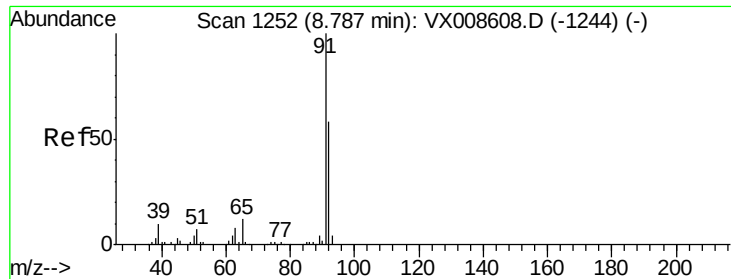
Tgt Ion: 98 Resp: 449630
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.316 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.03 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion: 43 Resp: 6900
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#52

Toluene

Concen: 2.420 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

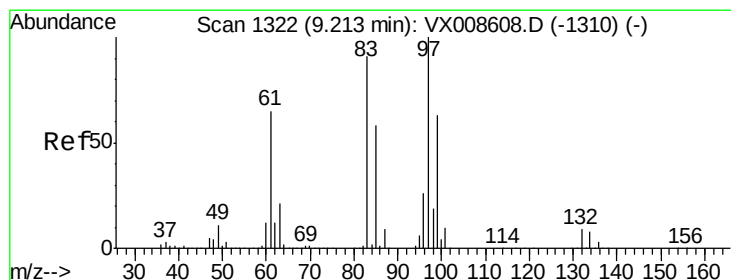
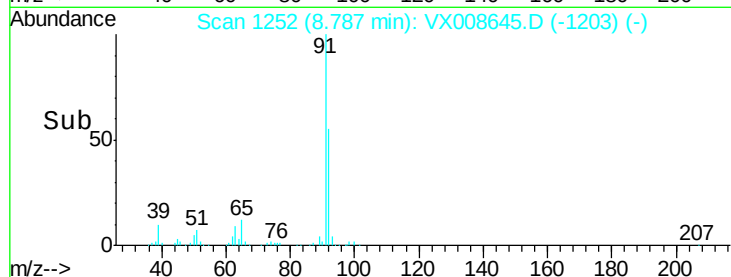
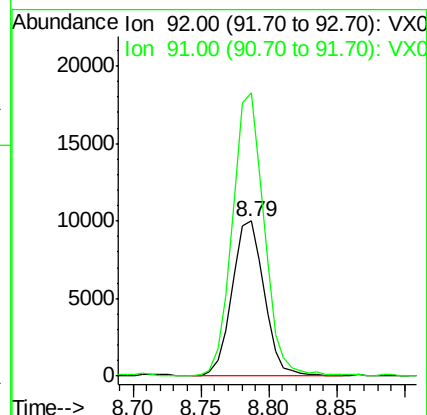
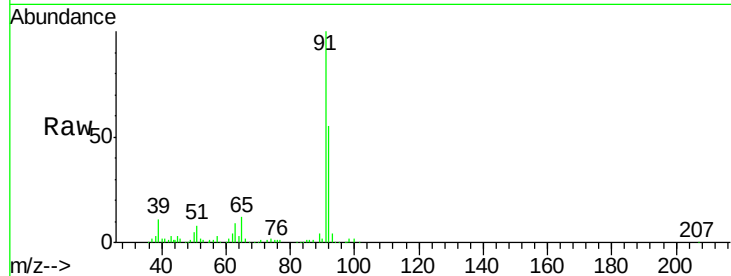
S8-0712

Tgt Ion: 92 Resp: 16565

Ion Ratio Lower Upper

92 100

91 180.1 138.5 207.7



#55

1,1,2-Trichloroethane

Concen: 7.429 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Tgt Ion: 97 Resp: 20409

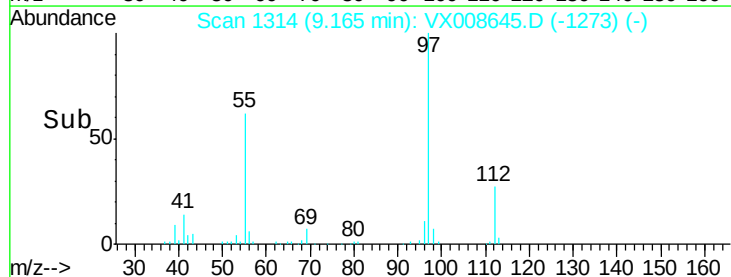
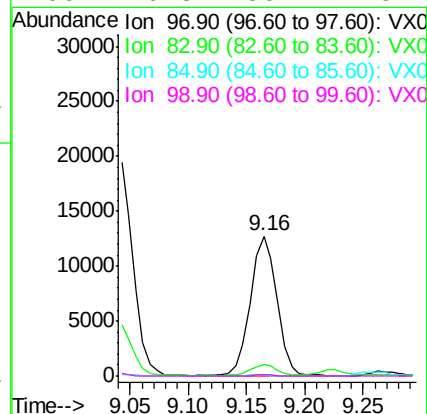
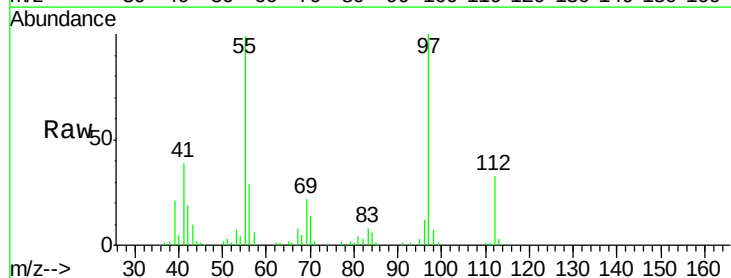
Ion Ratio Lower Upper

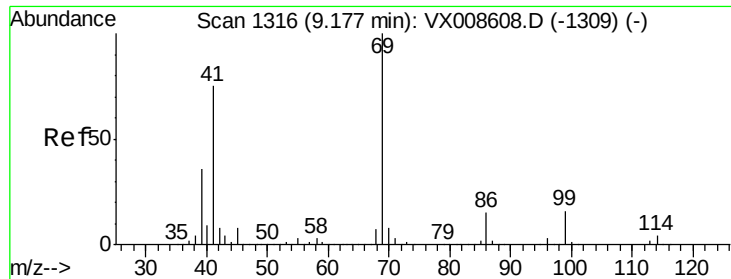
97 100

83 7.5 73.2 109.8#

85 1.2 46.6 69.8#

99 0.8 50.1 75.1#

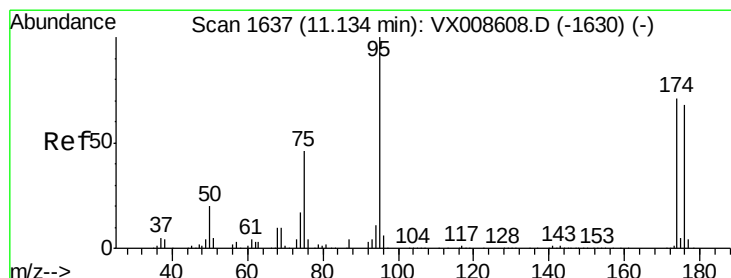
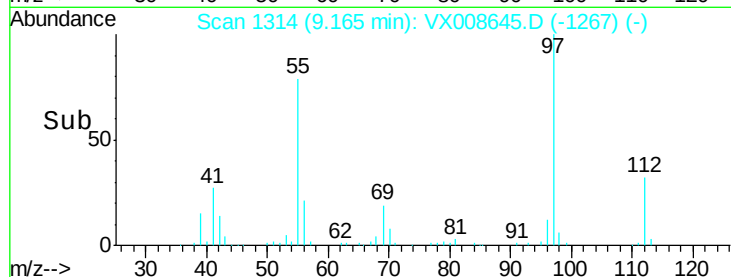
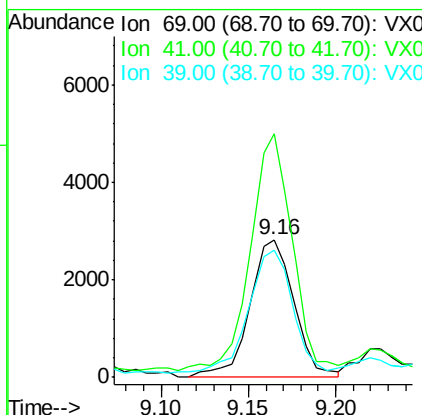
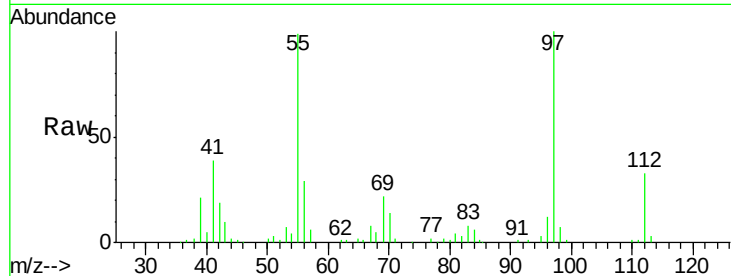




#56
Ethyl methacrylate
Concen: 0.997 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

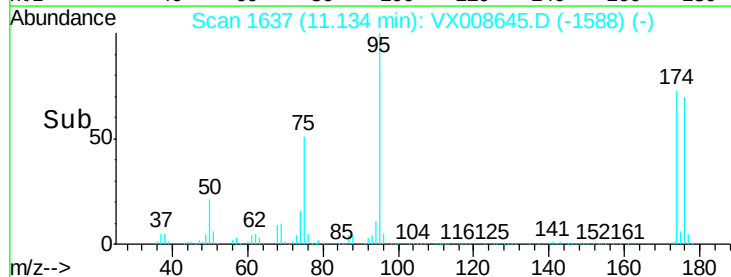
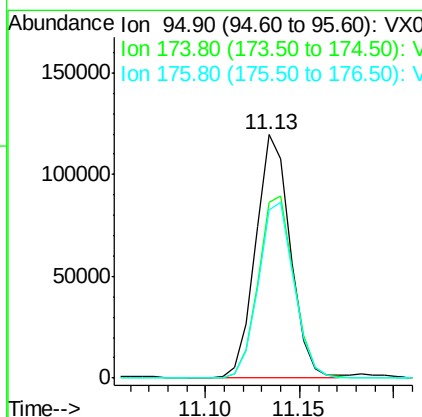
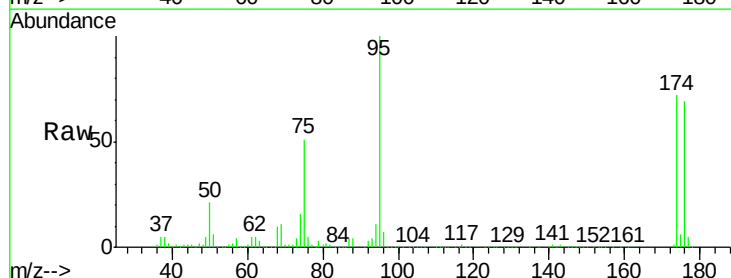
Instrument :
MSVOA_X
ClientSampleId :
S8-0712

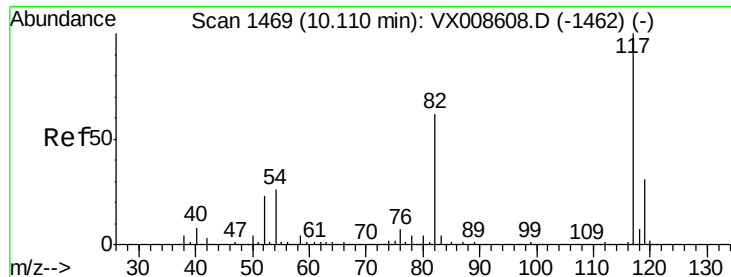
Tgt Ion: 69 Resp: 4956
Ion Ratio Lower Upper
69 100
41 158.9 60.1 90.1#
39 88.7 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 47.184 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion: 95 Resp: 151840
Ion Ratio Lower Upper
95 100
174 77.3 0.0 151.8
176 74.2 0.0 145.8

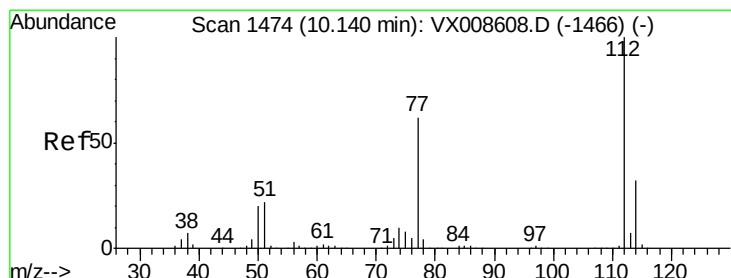
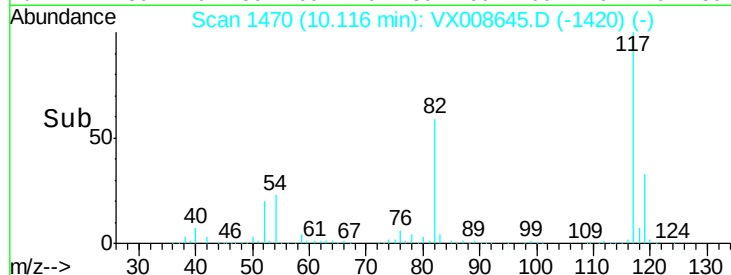
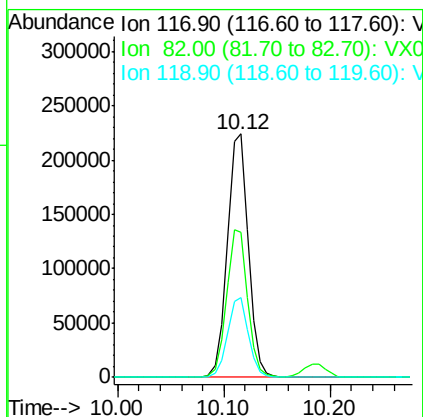
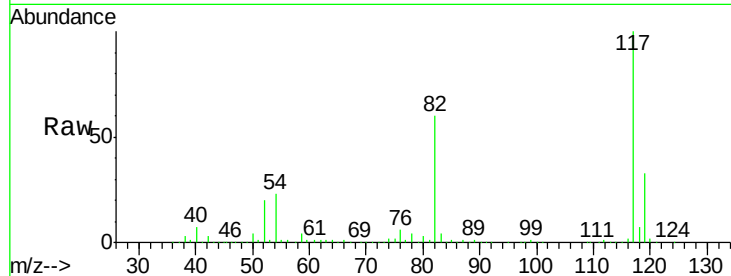




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

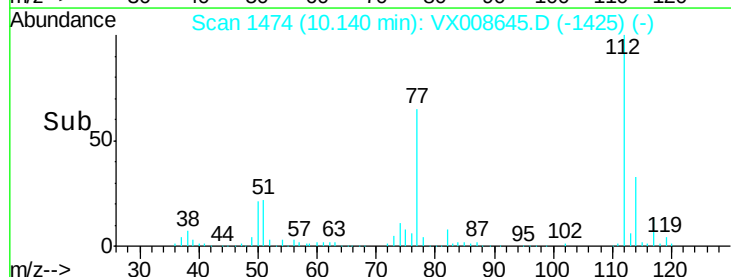
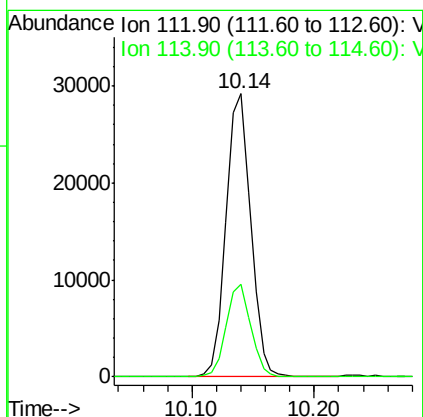
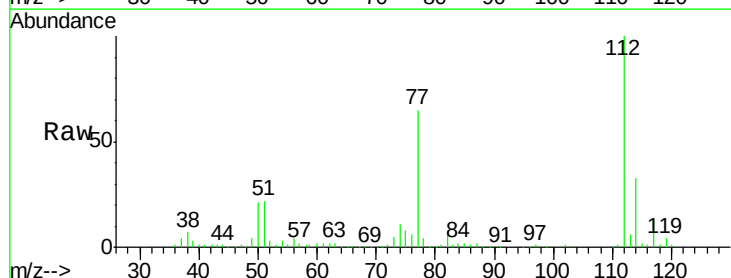
Instrument :
MSVOA_X
ClientSampled :
S8-0712

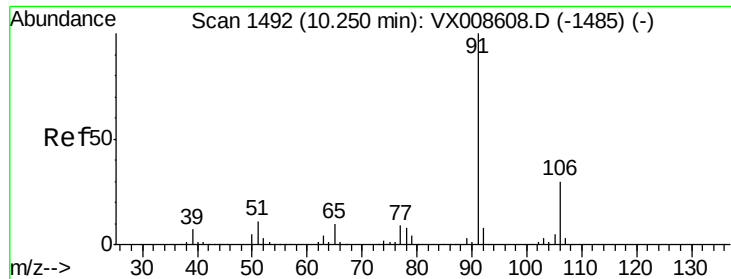
Tgt Ion:117 Resp: 310867
Ion Ratio Lower Upper
117 100
82 59.5 49.6 74.4
119 32.7 25.0 37.4



#65
Chlorobenzene
Concen: 5.939 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion:112 Resp: 40924
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

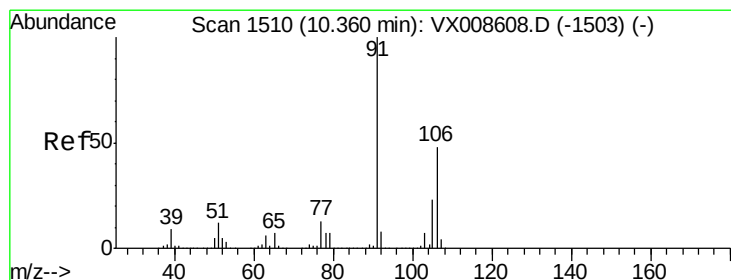
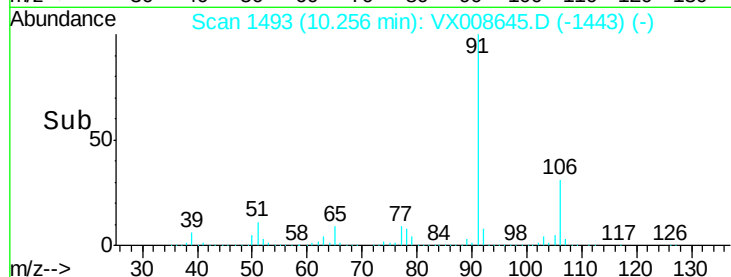
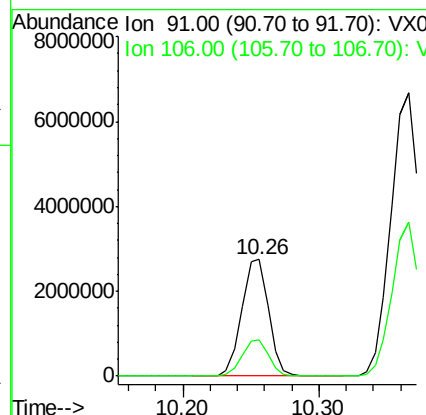
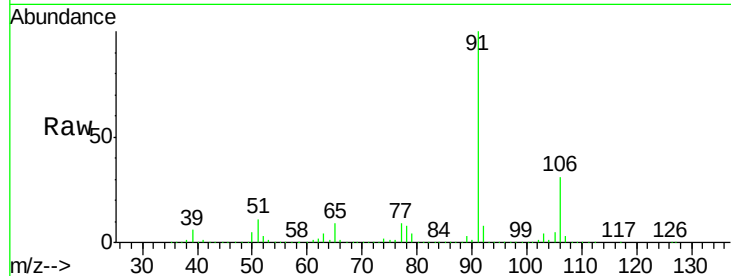




#67
Ethyl Benzene
Concen: 294.843 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

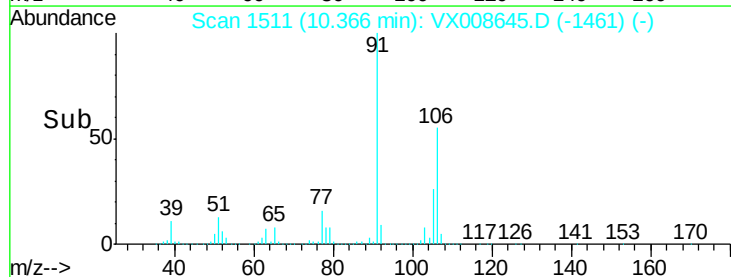
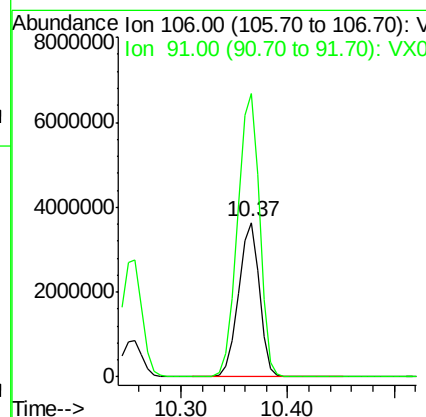
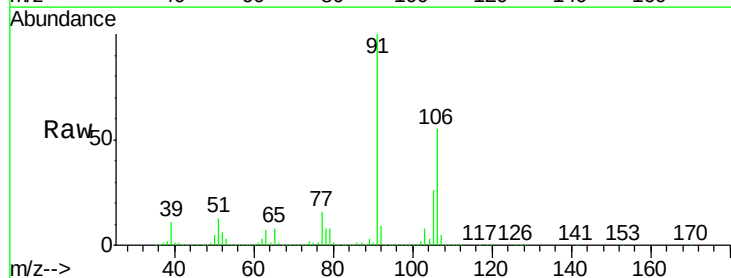
Instrument :
MSVOA_X
ClientSampled :
S8-0712

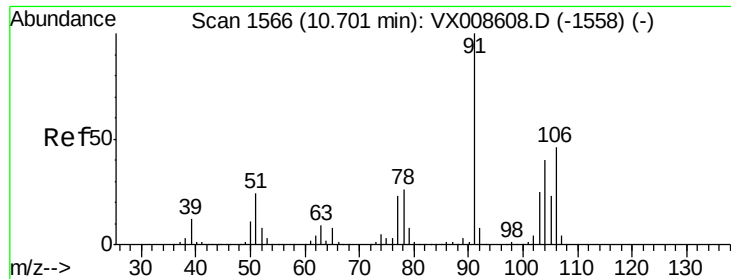
Tgt Ion: 91 Resp: 3788560
Ion Ratio Lower Upper
91 100
106 31.3 23.7 35.5



#68
m/p-Xylenes
Concen: 1088.761 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion: 106 Resp: 5030113
Ion Ratio Lower Upper
106 100
91 192.8 168.5 252.7

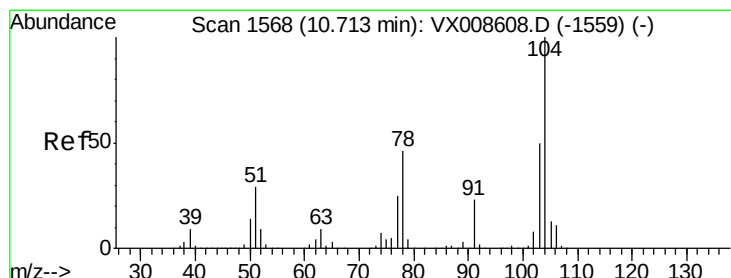
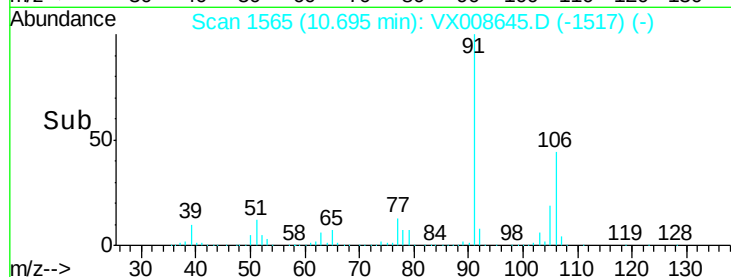
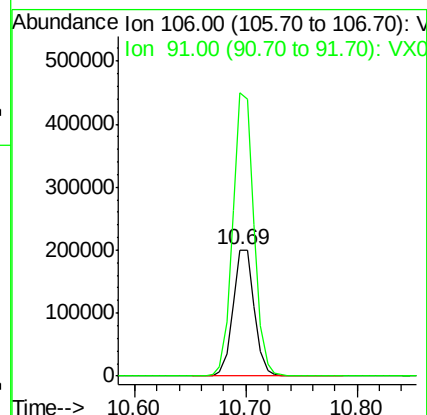
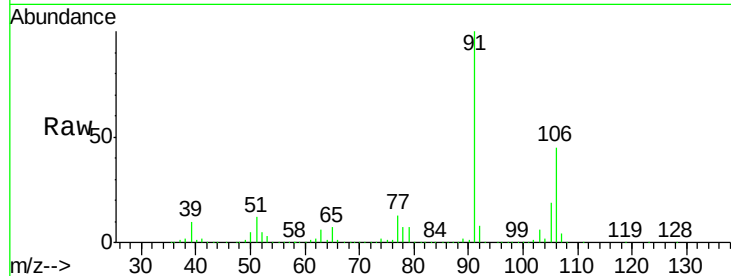




#69
o-Xylene
Concen: 58.982 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

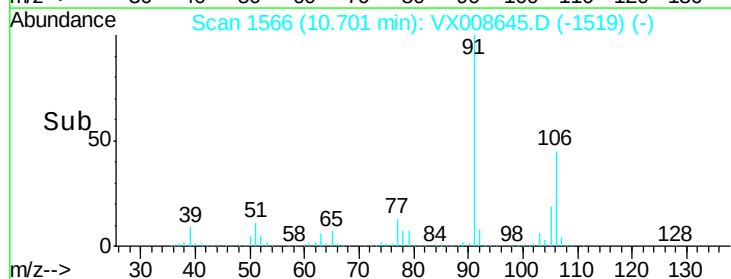
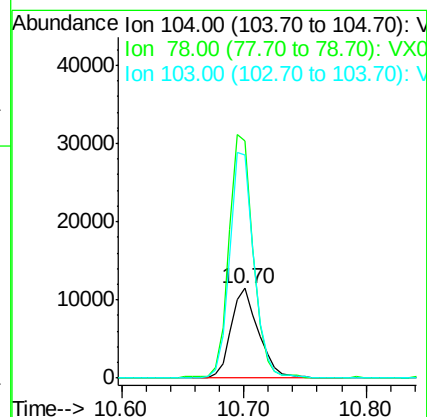
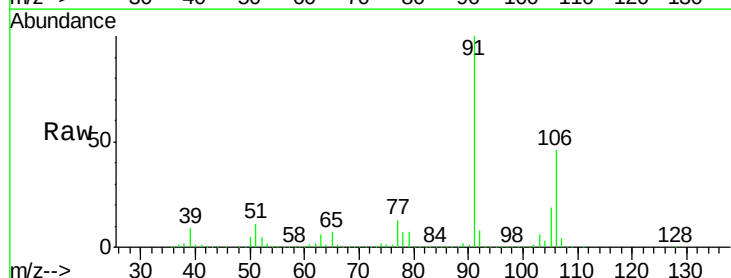
Instrument :
MSVOA_X
ClientSampled :
S8-0712

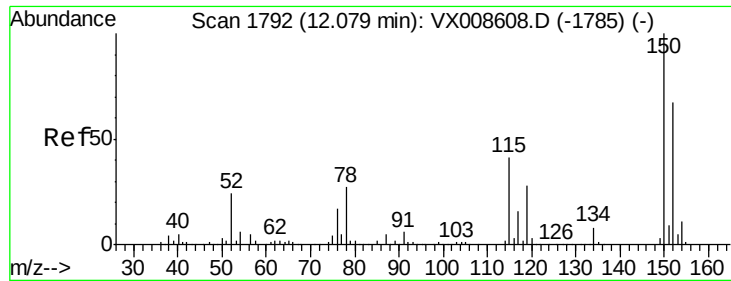
Tgt Ion:106 Resp: 264083
Ion Ratio Lower Upper
106 100
91 222.2 111.5 334.4



#70
Styrene
Concen: 2.316 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion:104 Resp: 17874
Ion Ratio Lower Upper
104 100
78 238.7 42.3 63.5#
103 220.7 44.4 66.6#



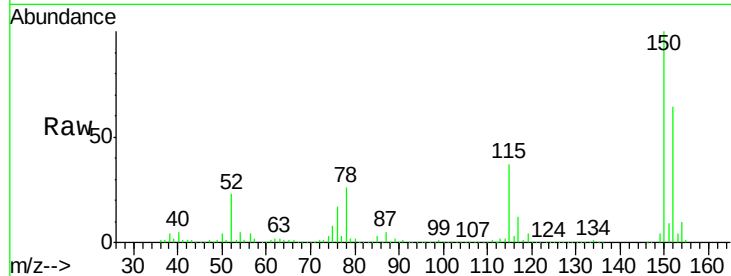


#72

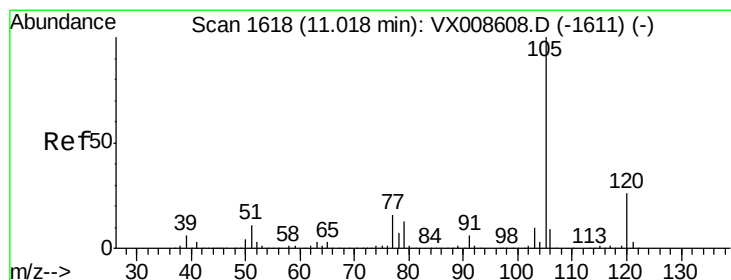
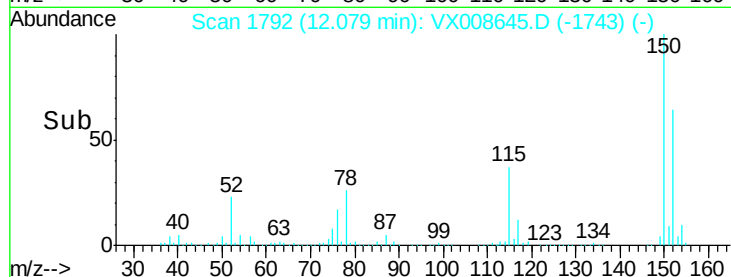
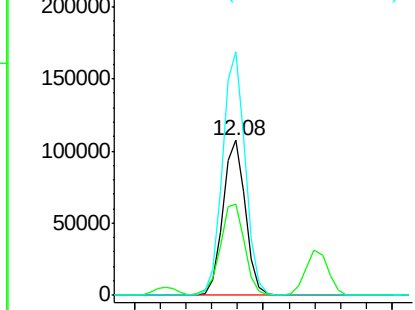
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Instrument :
MSVOA_X
ClientSampled :
S8-0712

Tgt Ion:152 Resp: 132827
Ion Ratio Lower Upper
152 100
115 63.2 43.5 130.5
150 157.8 0.0 348.8



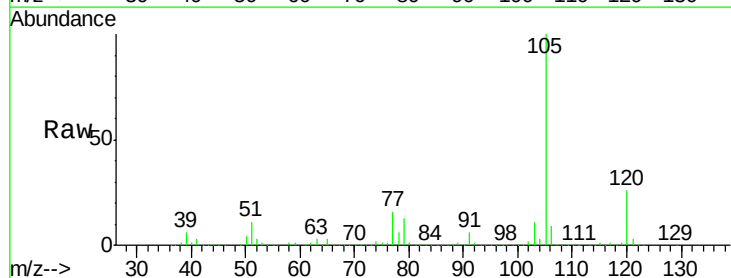
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



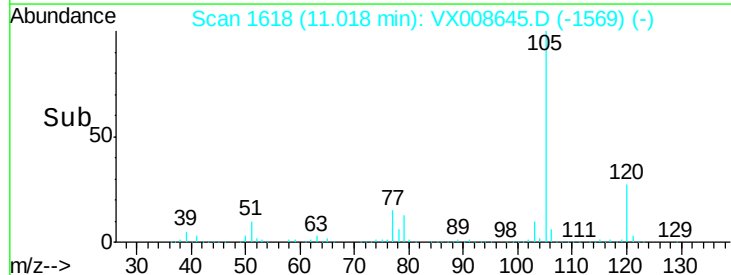
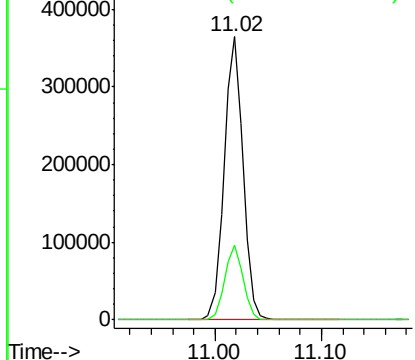
#73

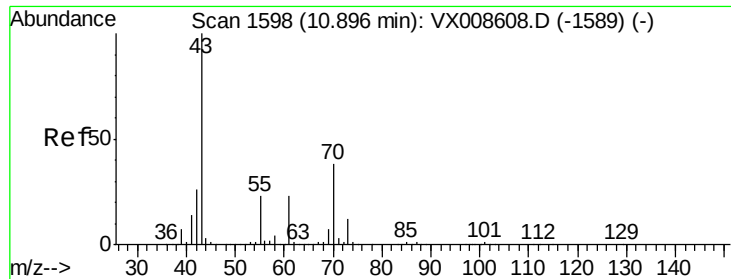
Isopropylbenzene
Concen: 40.849 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion:105 Resp: 449652
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



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





#74

N-ethyl acetate

Concen: 0.762 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

S8-0712

Tgt Ion: 43 Resp: 4937

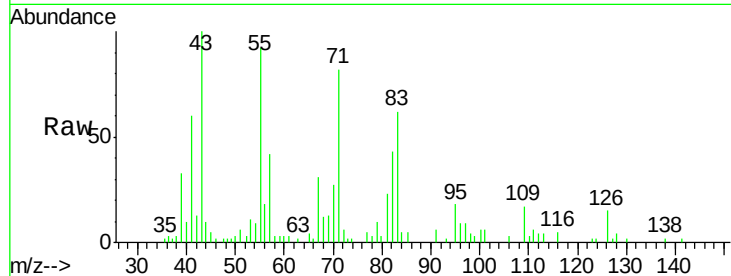
Ion Ratio Lower Upper

43 100

70 45.8 30.2 45.4#

55 140.6 18.2 27.4#

61 7.5 18.6 28.0#

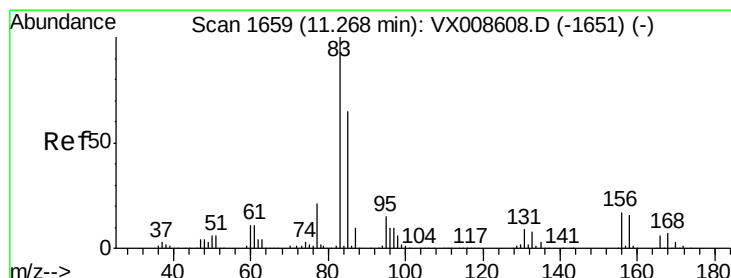
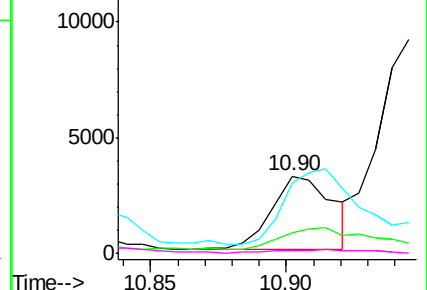
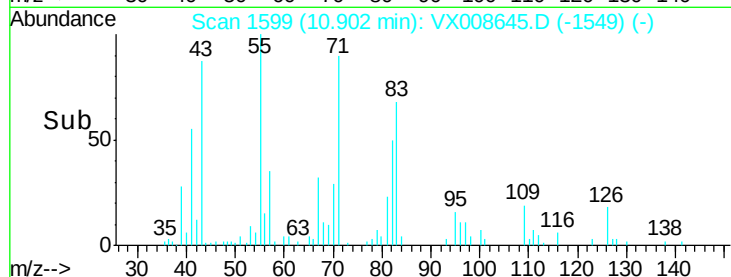


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.467 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

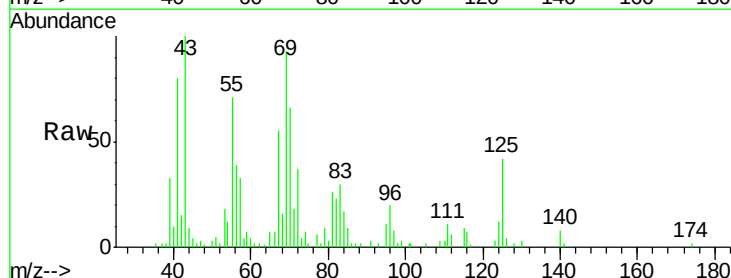
Tgt Ion: 83 Resp: 1957

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

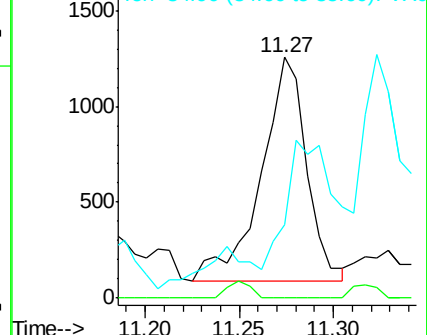
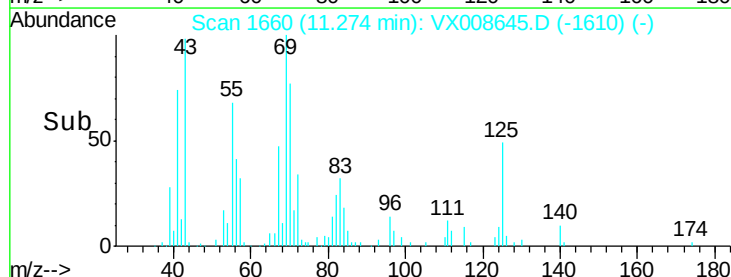
85 73.5 32.0 96.2

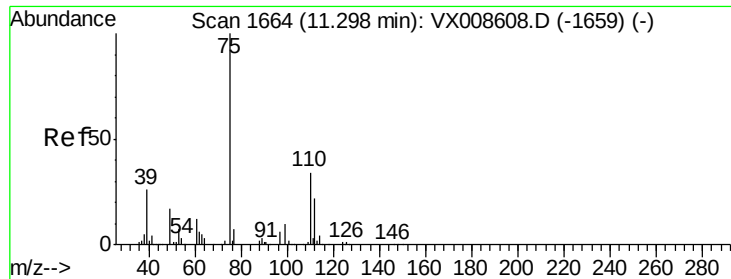


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 0.944 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampled :

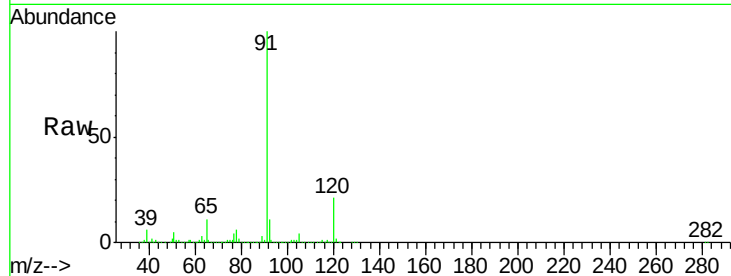
S8-0712

Tgt Ion: 75 Resp: 3445

Ion Ratio Lower Upper

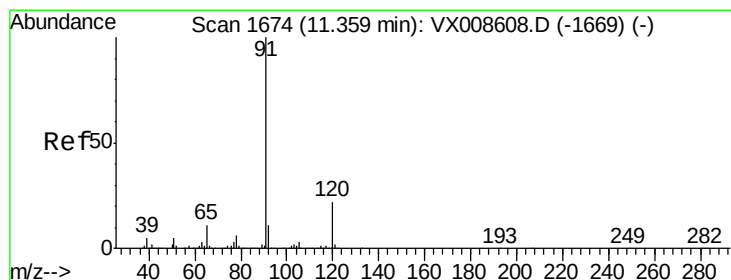
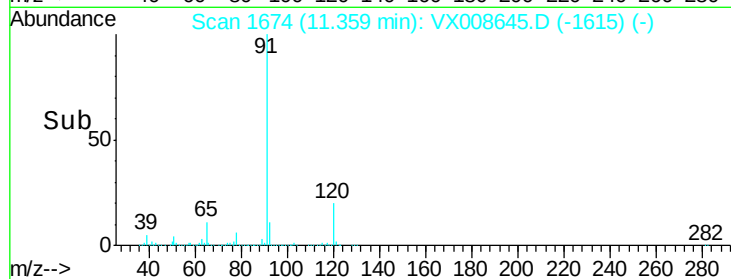
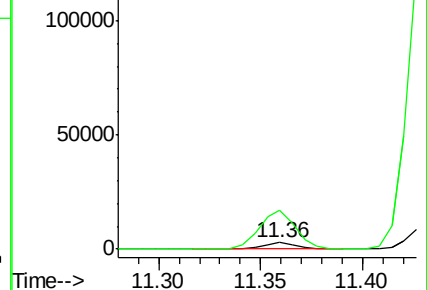
75 100

77 600.6 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 40.556 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008645.D

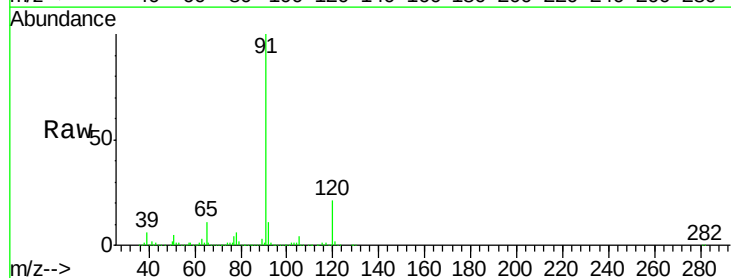
Acq: 04 Apr 2019 18:50

Tgt Ion: 91 Resp: 519808

Ion Ratio Lower Upper

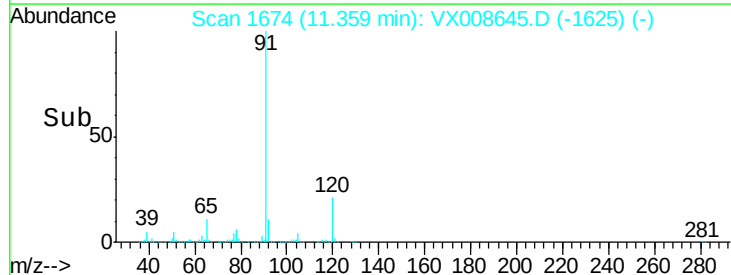
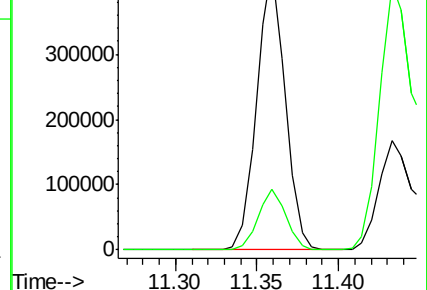
91 100

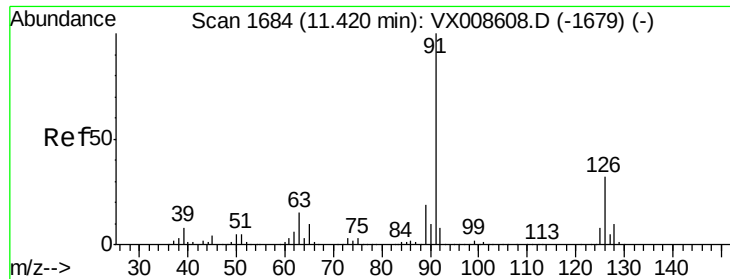
120 21.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 36.741 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

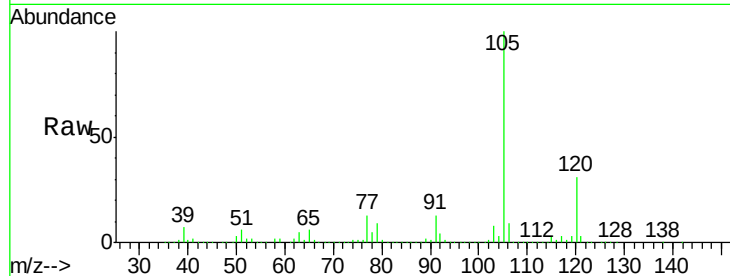
S8-0712

Tgt Ion: 91 Resp: 284973

Ion Ratio Lower Upper

91 100

126 0.1 16.1 48.3#



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

500000

400000

300000

200000

100000

0

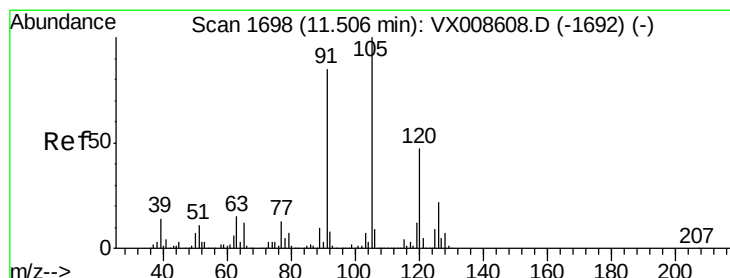
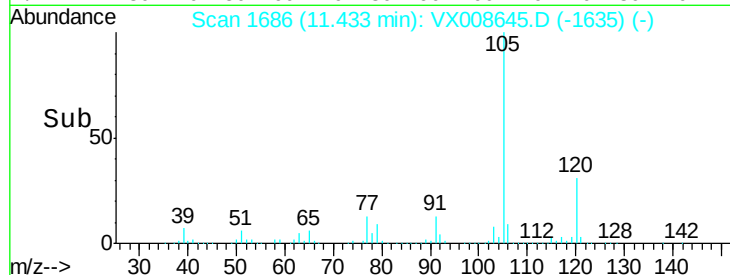
11.40

11.43

11.45

11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 93.264 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008645.D

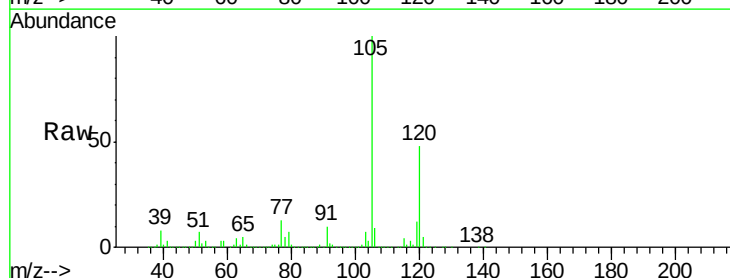
Acq: 04 Apr 2019 18:50

Tgt Ion: 105 Resp: 861771

Ion Ratio Lower Upper

105 100

120 47.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

1500000

1000000

500000

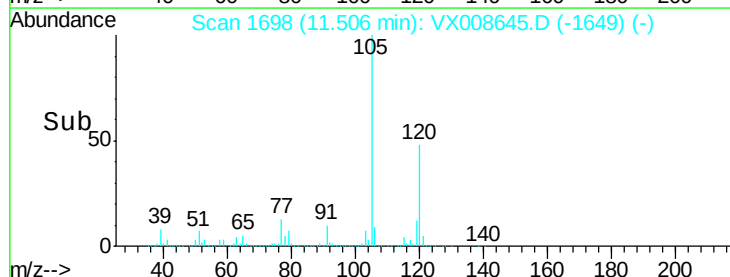
0

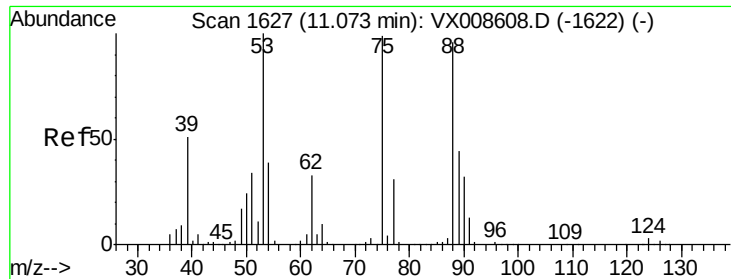
11.50

11.51

11.60

Time-->

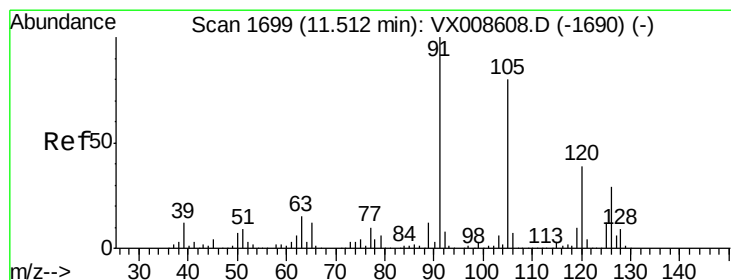
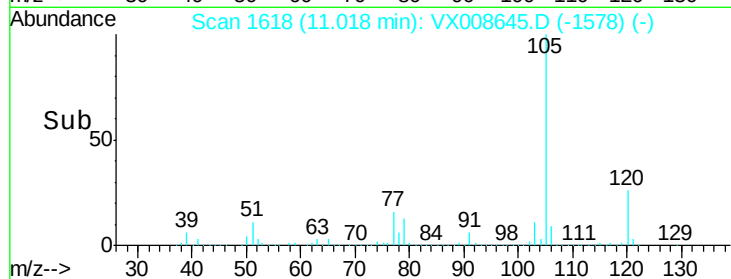
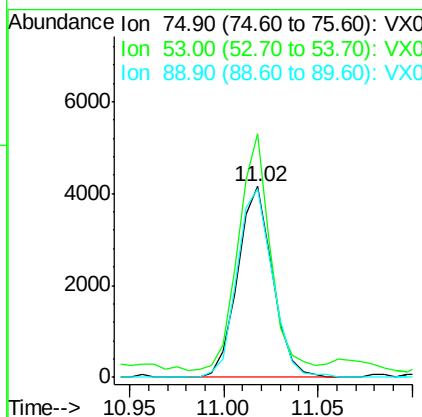
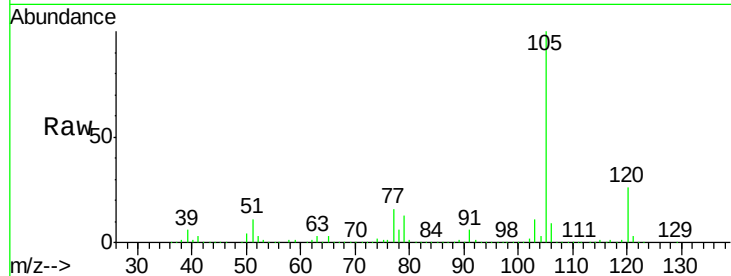




#81
trans-1,4-Dichloro-2-butene
Concen: 4.018 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.05 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

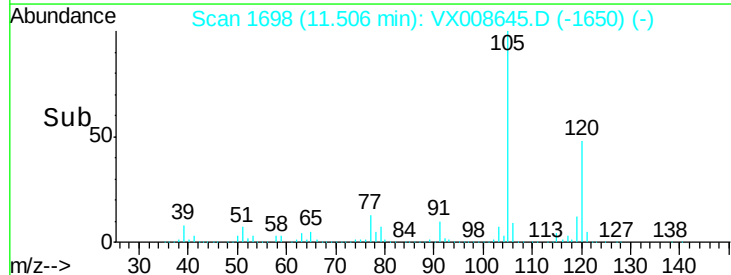
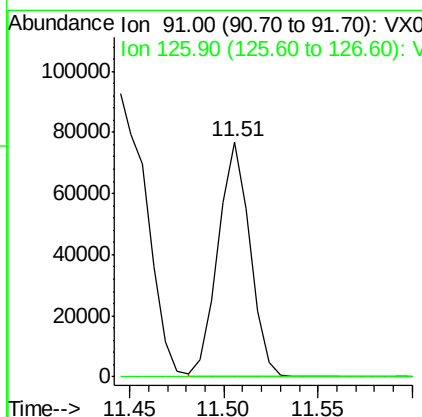
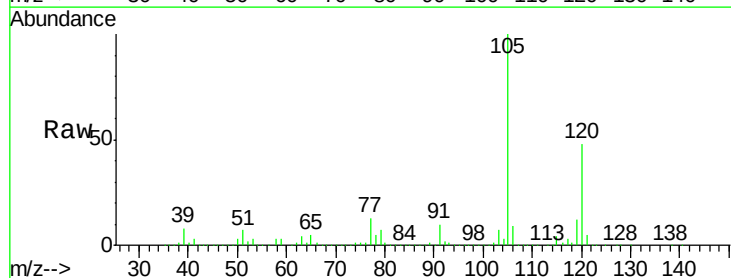
Instrument :
MSVOA_X
ClientSampleId :
S8-0712

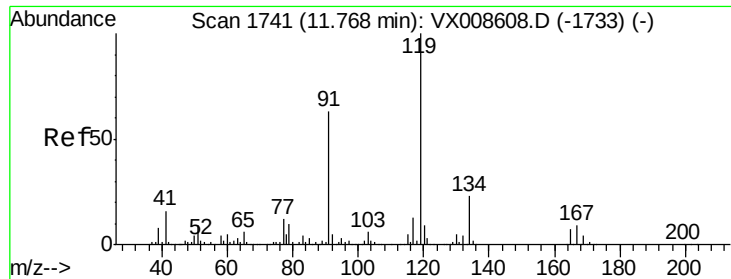
Tgt Ion: 75 Resp: 5319
Ion Ratio Lower Upper
75 100
53 114.1 81.3 121.9
89 100.9 35.6 53.4#



#82
4-Chlorotoluene
Concen: 10.019 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion: 91 Resp: 89949
Ion Ratio Lower Upper
91 100
126 0.0 13.9 41.6#

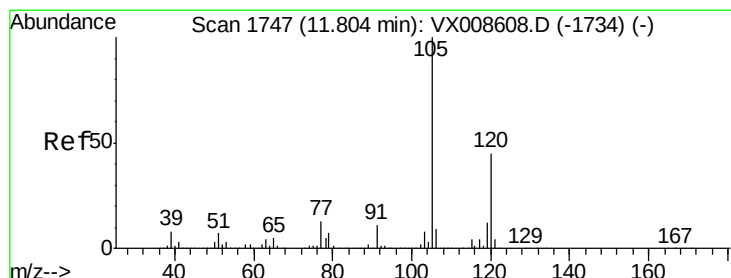
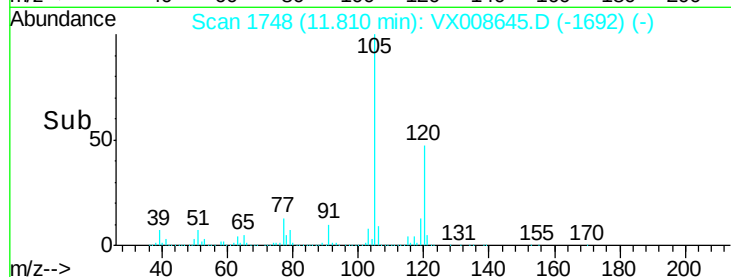
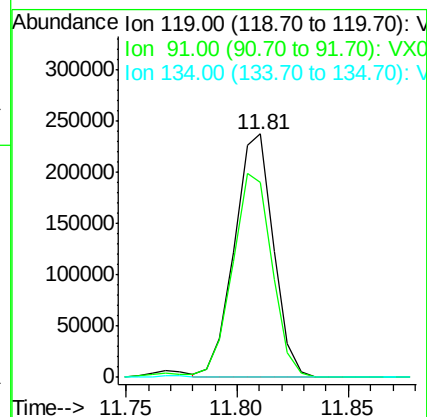
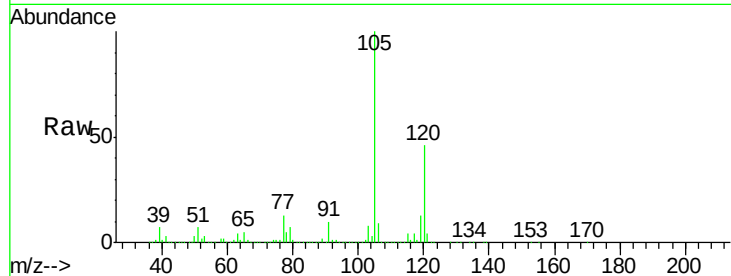




#83
 tert-Butylbenzene
 Concen: 32.621 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

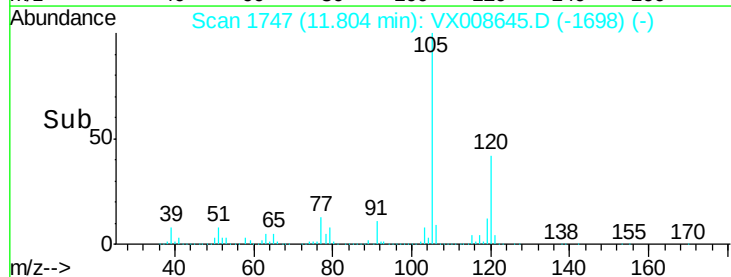
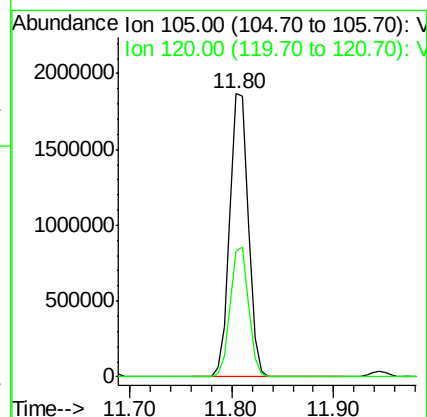
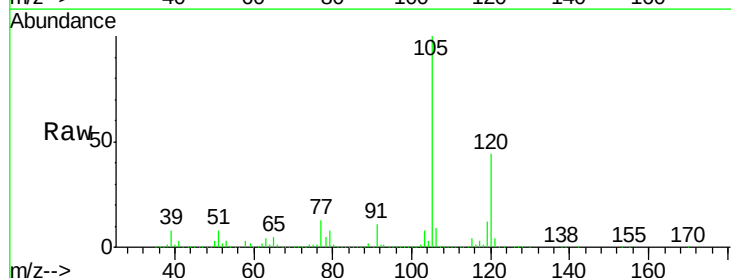
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0712

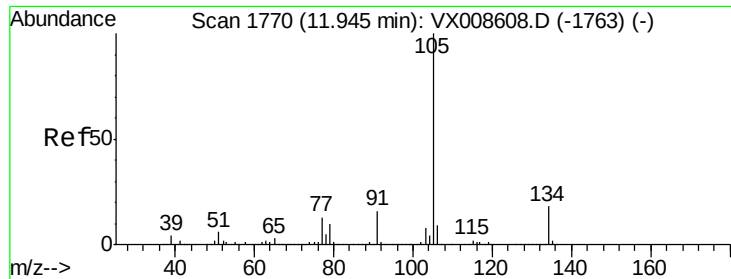
Tgt Ion:119 Resp: 289993
 Ion Ratio Lower Upper
 119 100
 91 86.4 30.0 90.1
 134 0.0 11.1 33.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 251.191 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

Tgt Ion:105 Resp: 2350195
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.8 65.3





#85

sec-Butylbenzene

Concen: 222.551 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

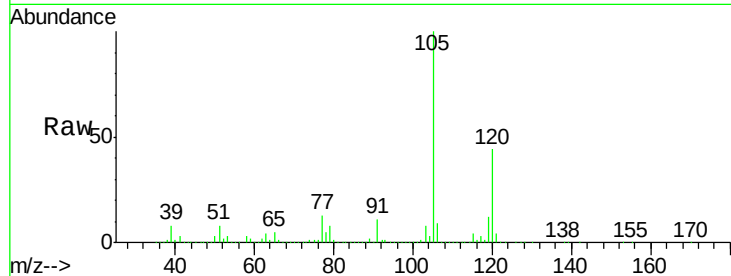
S8-0712

Tgt Ion:105 Resp: 2349989

Ion Ratio Lower Upper

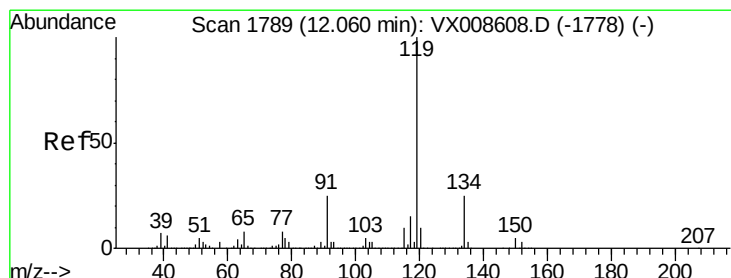
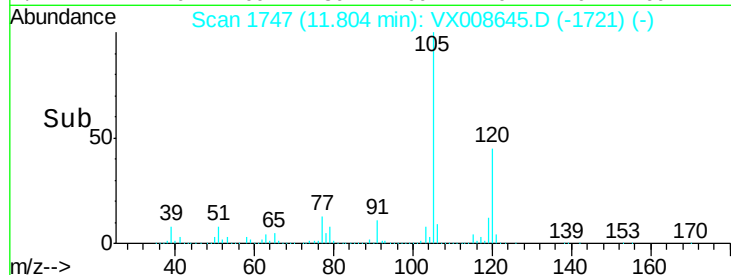
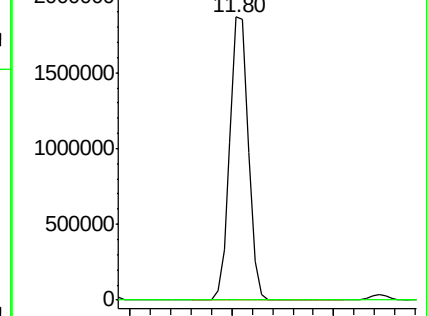
105 100

134 0.0 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.774 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008645.D

Acq: 04 Apr 2019 18:50

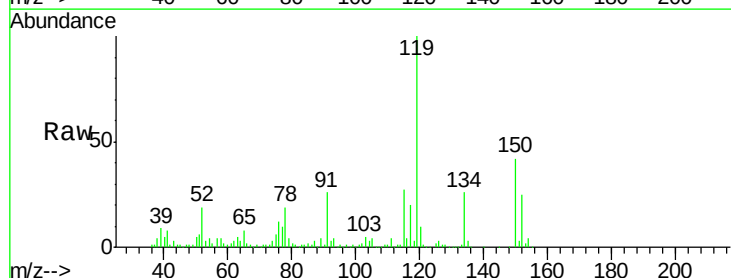
Tgt Ion:119 Resp: 54724

Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

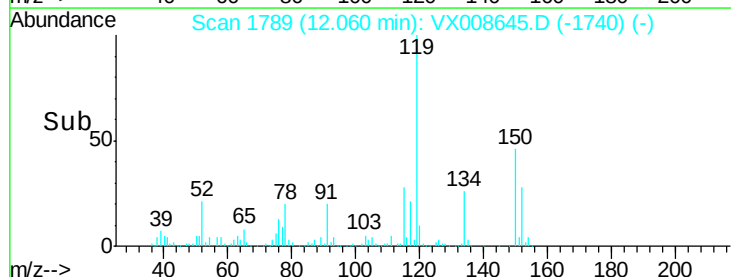
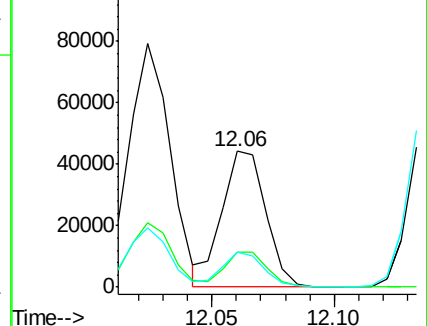
91 24.4 12.2 36.6

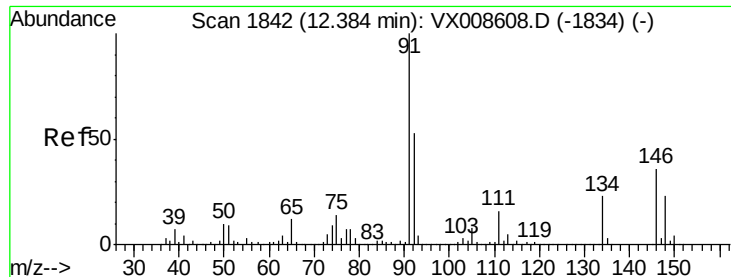


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

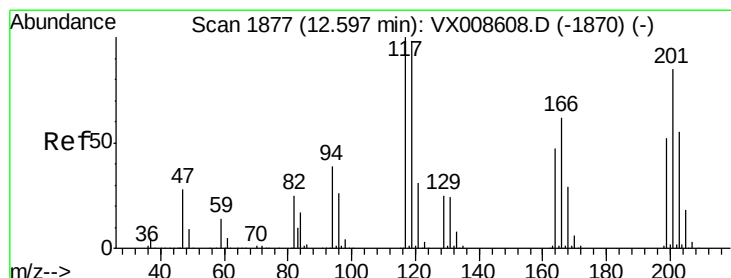
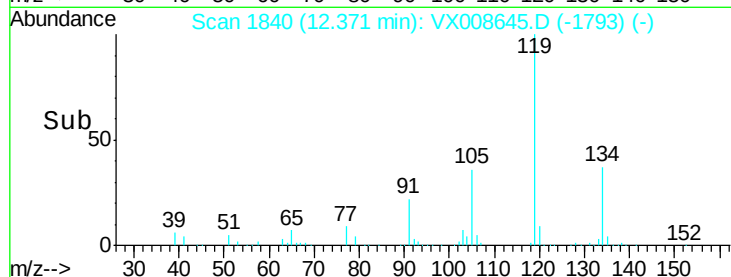
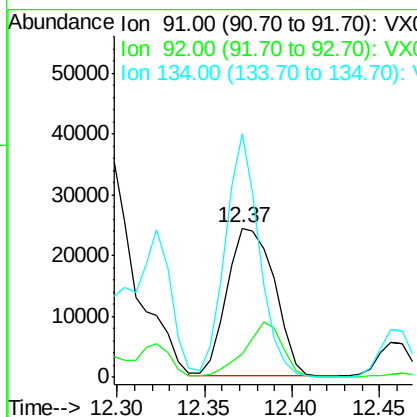
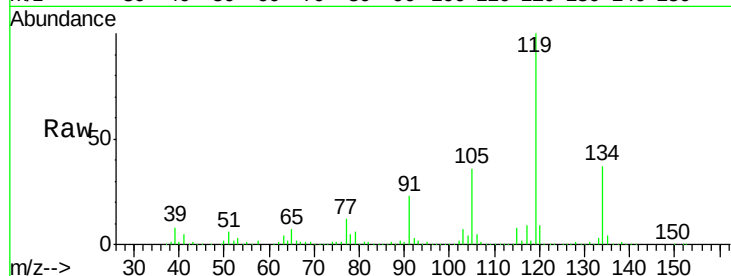




#89
n-Butylbenzene
Concen: 5.190 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

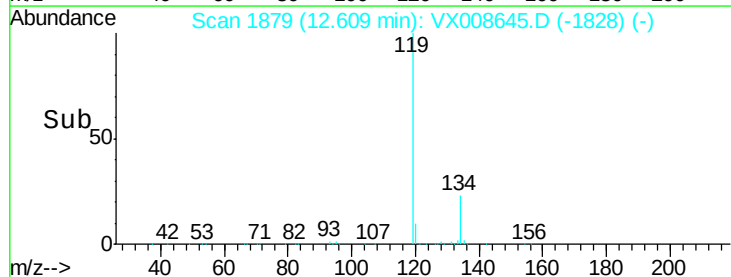
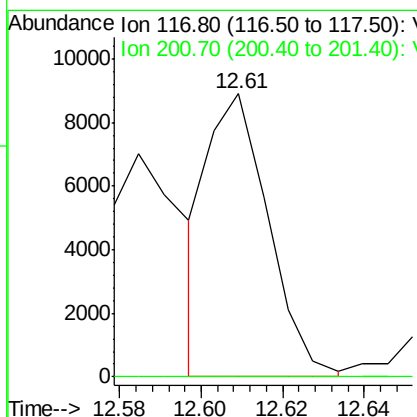
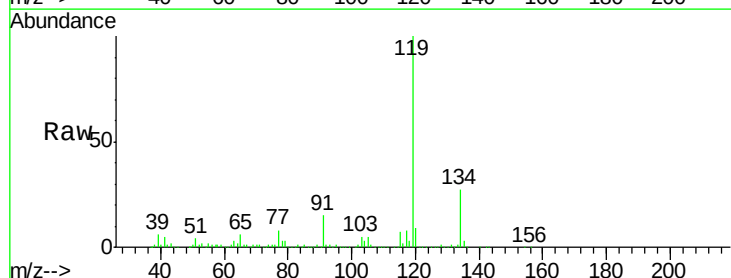
Instrument :
MSVOA_X
ClientSampled :
S8-0712

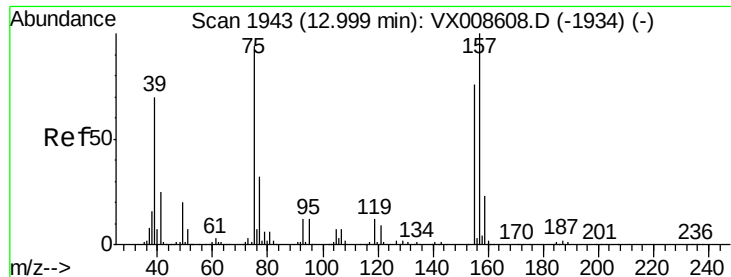
Tgt Ion: 91 Resp: 46127
Ion Ratio Lower Upper
91 100
92 29.7 26.4 79.2
134 117.2 12.0 36.0#



#90
Hexachloroethane
Concen: 5.797 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX008645.D
Acq: 04 Apr 2019 18:50

Tgt Ion: 117 Resp: 9112
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

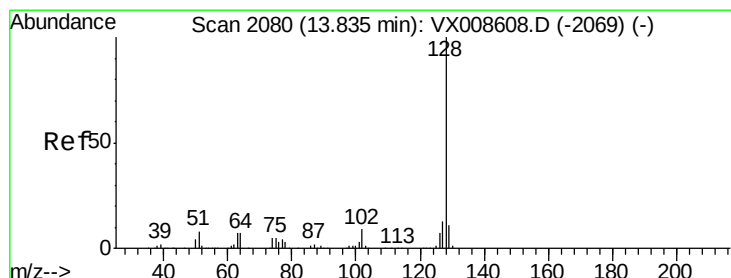
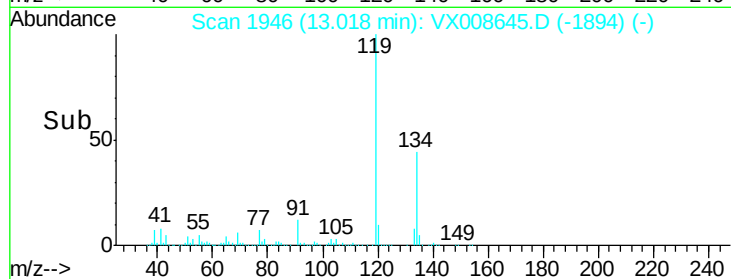
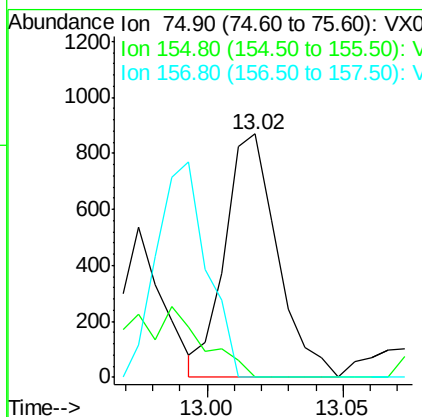
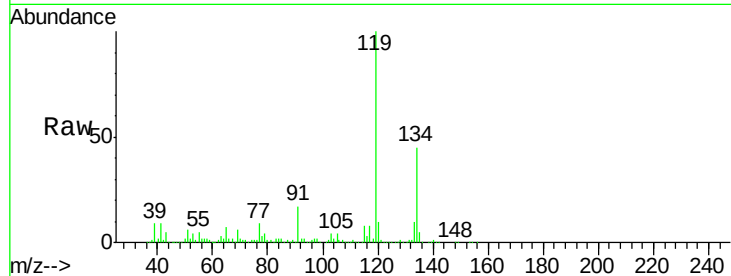




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.262 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

Instrument :
 MSVOA_X
 ClientSampled :
 S8-0712

Tgt Ion: 75 Resp: 1162
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.9 119.6#
 157 0.0 51.5 154.7#



#95
 Naphthalene
 Concen: 82.550 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008645.D
 Acq: 04 Apr 2019 18:50

Tgt Ion: 128 Resp: 902315
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.9 8.6 13.0

