

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
 Data File : VX008648.D
 Acq On : 04 Apr 2019 20:00
 Operator : JC/SP
 Sample : K2275-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0713

Quant Time: Apr 05 07:10:37 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	5.66	168	213320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	144768	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
35) Dibromofluoromethane	5.50	113	106920	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.71	98	446760	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	154111	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	332	Below Cal	# 71
5) Bromomethane	1.64	94	461	2.157 ug/l	# 72
6) Chloroethane	1.94	64	394	Below Cal	# 64
10) Methyl Iodide	2.51	142	65	4.031 ug/l	# 42
11) Tert butyl alcohol	3.04	59	2438	3.347 ug/l	# 72
16) Acetone	2.45	43	6004	3.350 ug/l	99
17) Carbon Disulfide	2.57	76	1048	Below Cal	95
18) Methyl Acetate	2.84	43	7892	1.816 ug/l	# 56
20) Methylene Chloride	2.85	84	655	0.218 ug/l	# 70
25) 2-Butanone	4.70	43	1991	0.703 ug/l	# 86
28) Bromochloromethane	5.01	49	22	Below Cal	# 22
31) Cyclohexane	5.58	56	25360	4.717 ug/l	97
36) 1,1-Dichloropropene	5.66	75	17285	4.480 ug/l	# 51
38) Carbon Tetrachloride	5.67	117	20257	6.343 ug/l	# 17
39) Methylcyclohexane	7.46	83	30522	6.404 ug/l	97
40) Benzene	6.14	78	10644	0.926 ug/l	100
48) Methyl methacrylate	7.74	41	1989	0.487 ug/l	# 45
49) 1,4-Dioxane	7.59	88	22	0.288 ug/l	# 19
51) 4-Methyl-2-Pentanone	8.66	43	1806	0.348 ug/l	# 38
52) Toluene	8.78	92	2482	0.366 ug/l	96
55) 1,1,2-Trichloroethane	9.16	97	5496	2.020 ug/l	# 18
56) Ethyl methacrylate	9.16	69	1456	0.296 ug/l	# 1
59) 2-Hexanone	9.30	43	1878	0.465 ug/l	88
67) Ethyl Benzene	10.25	91	56645	44.135 ug/l	100
68) m/p-Xylenes	10.35	106	335386	72.652 ug/l	100
69) o-Xylene	10.70	106	2294	0.513 ug/l	94
73) Isopropylbenzene	11.02	105	45557	4.101 ug/l	100
74) N-amyl acetate	10.94	43	4378	0.670 ug/l	# 46
76) 1,2,3-Trichloropropane	11.13	75	77665	21.090 ug/l	# 34
78) n-propylbenzene	11.36	91	66682	5.155 ug/l	99
79) 2-Chlorotoluene	11.43	91	15827	2.022 ug/l	# 43
80) 1,3,5-Trimethylbenzene	11.51	105	149471	16.029 ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	77665	58.136 ug/l	# 9
82) 4-Chlorotoluene	11.51	91	15575	1.719 ug/l	# 47

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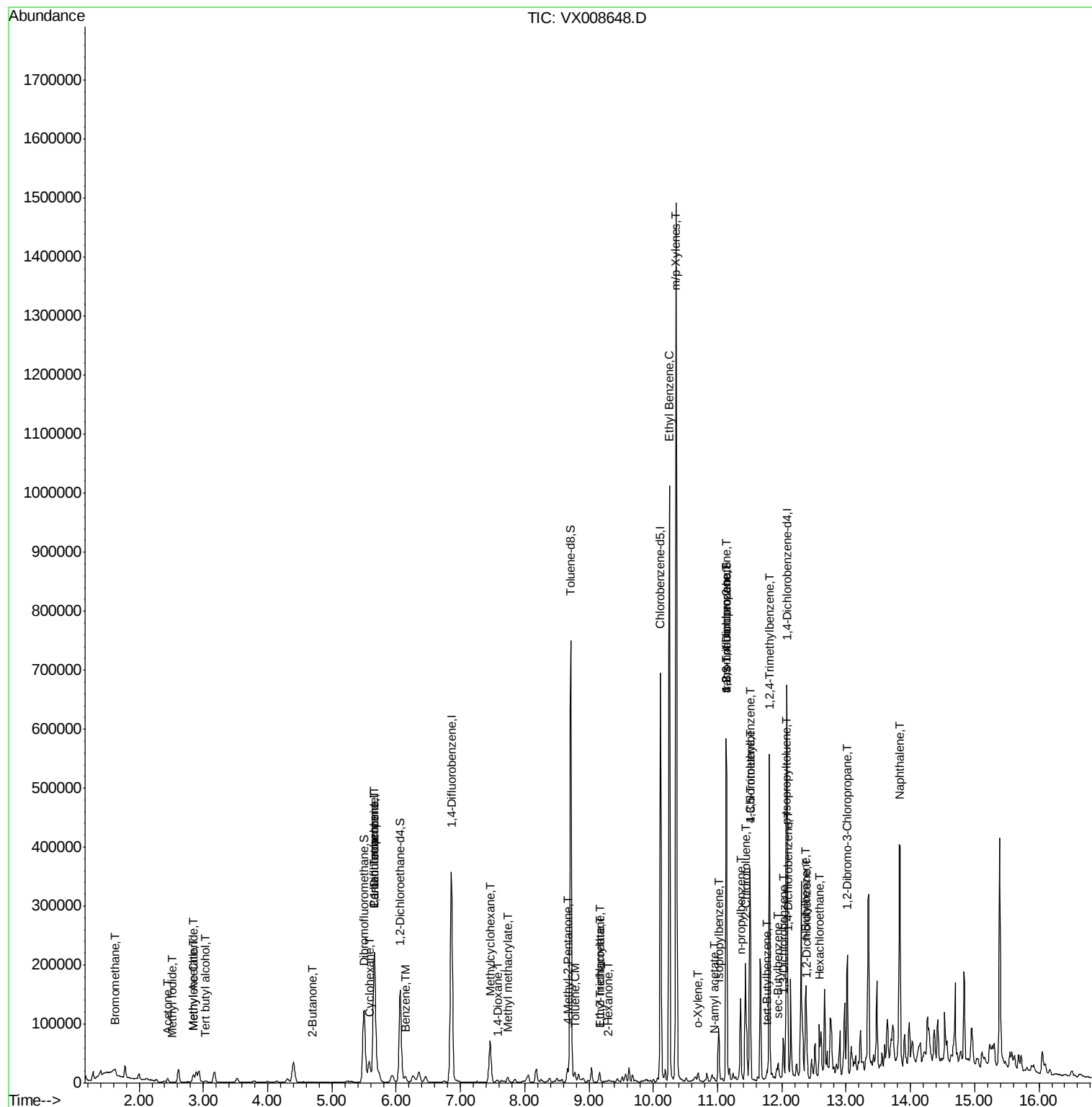
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.77	119	5133	0.572	ug/l	82
84) 1,2,4-Trimethylbenzene	11.80	105	230596	24.421	ug/l	99
85) sec-Butylbenzene	11.94	105	12383	1.162	ug/l	95
86) p-Isopropyltoluene	12.06	119	8675	0.907	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	1125	0.235	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	11622	2.401	ug/l	89
89) n-Butylbenzene	12.37	91	17147	1.912	ug/l #	10
90) Hexachloroethane	12.58	117	3483	2.196	ug/l #	9
91) 1,2-Dichlorobenzene	12.39	146	13483	2.840	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	672	0.723	ug/l #	3
95) Naphthalene	13.83	128	231432	20.980	ug/l	99

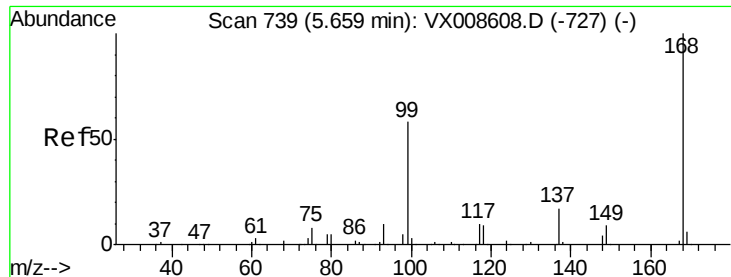
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

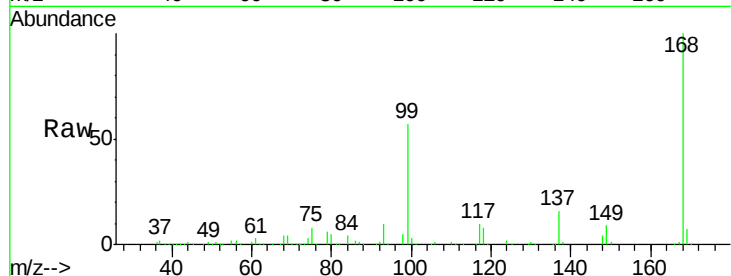
S8-0713

Tgt Ion:168 Resp: 213320

Ion Ratio Lower Upper

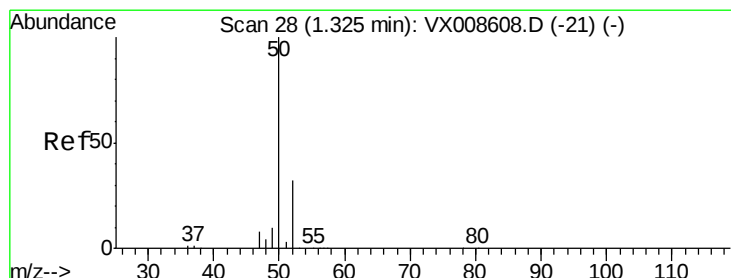
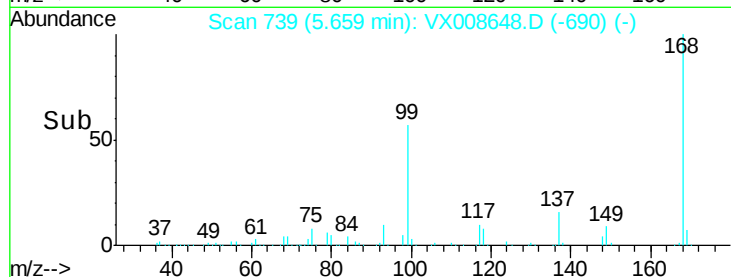
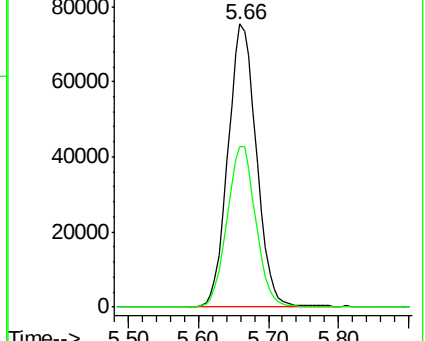
168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008648.D

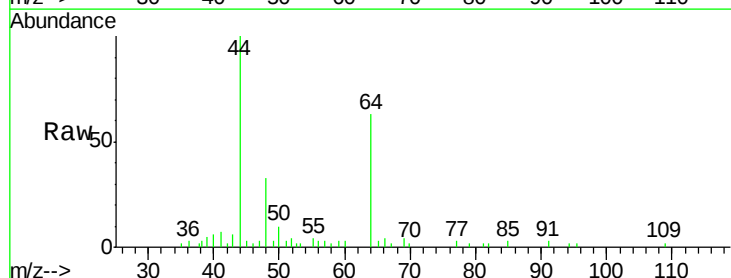
Acq: 04 Apr 2019 20:00

Tgt Ion: 50 Resp: 332

Ion Ratio Lower Upper

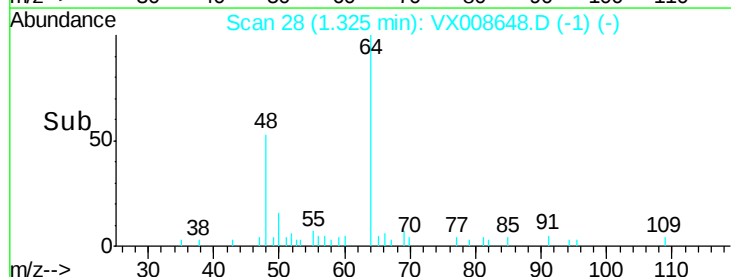
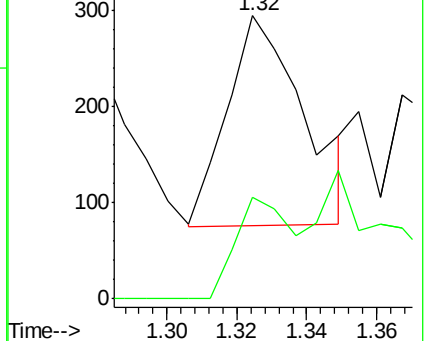
50 100

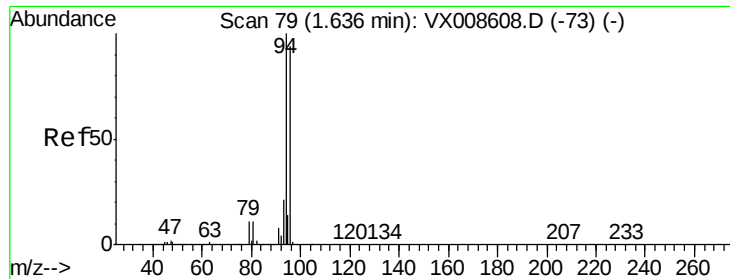
52 48.6 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 2.157 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampled :

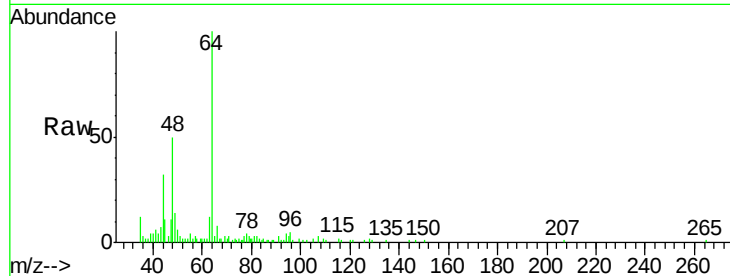
S8-0713

Tgt Ion: 94 Resp: 461

Ion Ratio Lower Upper

94 100

96 121.5 75.2 112.8#



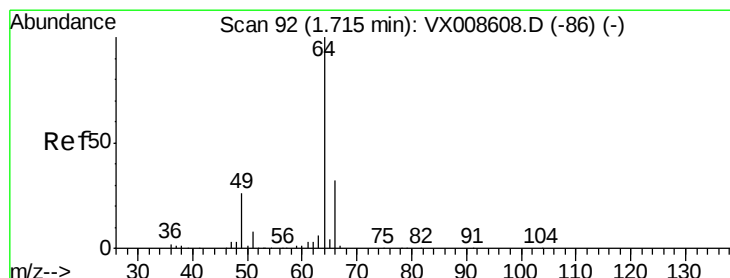
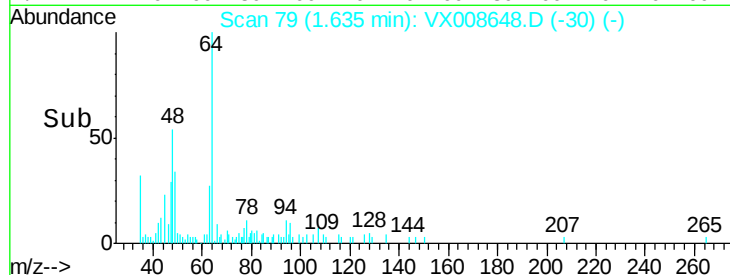
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1.65

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.94 min Scan# 129

Delta R.T. 0.23 min

Lab File: VX008648.D

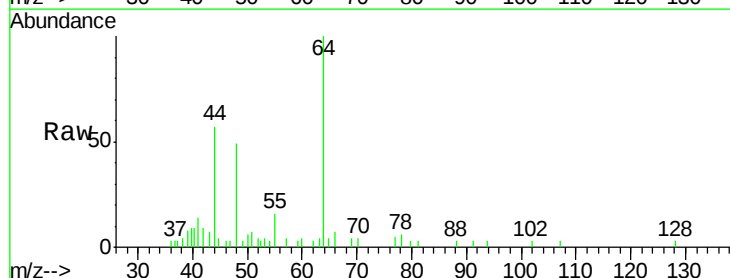
Acq: 04 Apr 2019 20:00

Tgt Ion: 64 Resp: 394

Ion Ratio Lower Upper

64 100

66 11.8 25.4 38.0#



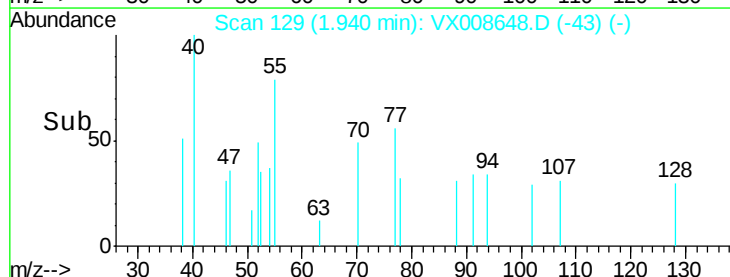
Abundance Ion 63.90 (63.60 to 64.60): VX0

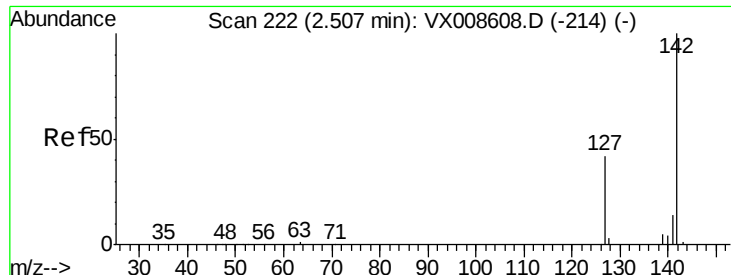
Ion 65.90 (65.60 to 66.60): VX0

1.94

1.96

Time-->

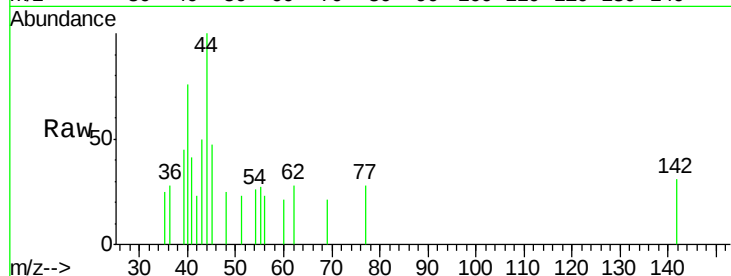




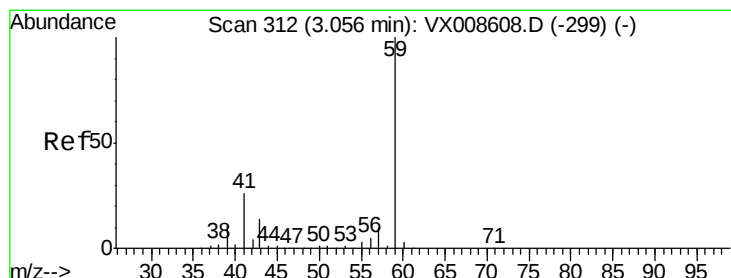
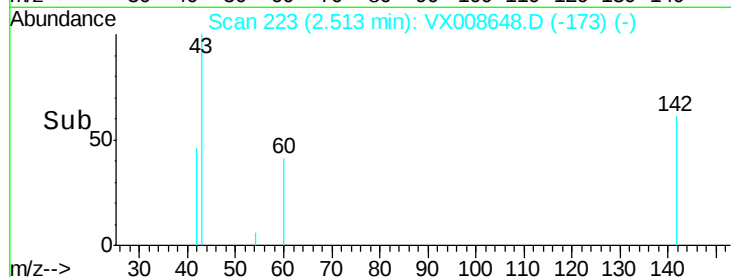
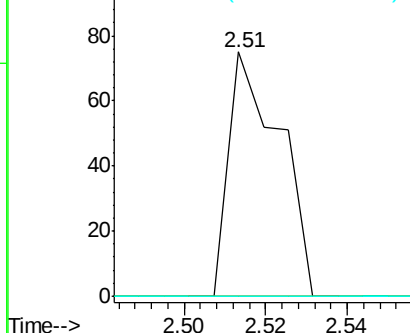
#10
Methyl Iodide
Concen: 4.031 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Instrument :
MSVOA_X
ClientSampleId :
S8-0713

Tgt Ion: 142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.6#
141 0.0 11.4 17.2#

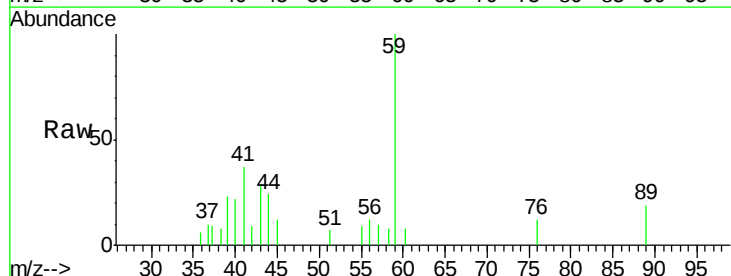


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

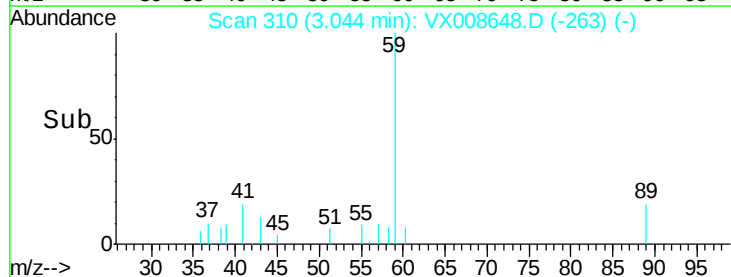
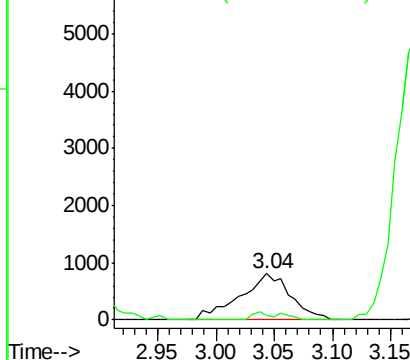


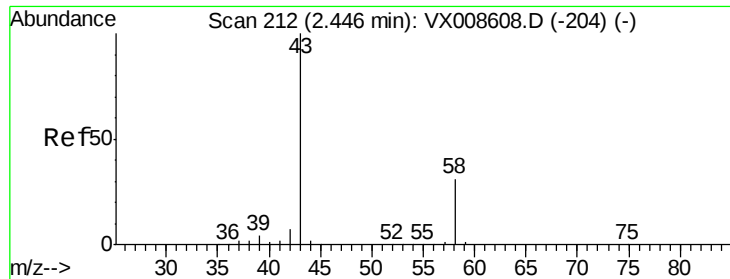
#11
Tert butyl alcohol
Concen: 3.347 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion: 59 Resp: 2438
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





#16

Acetone

Concen: 3.350 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

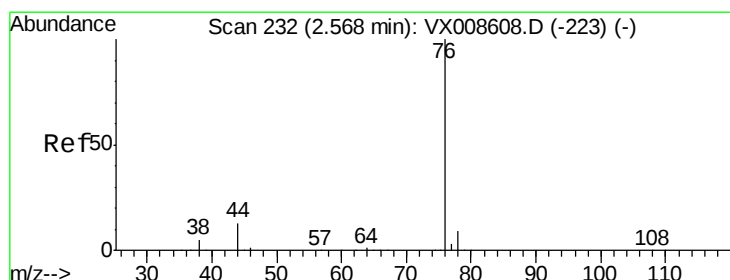
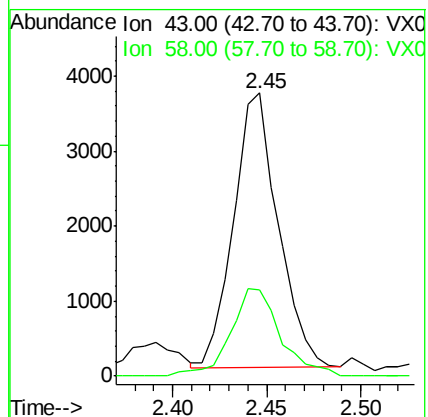
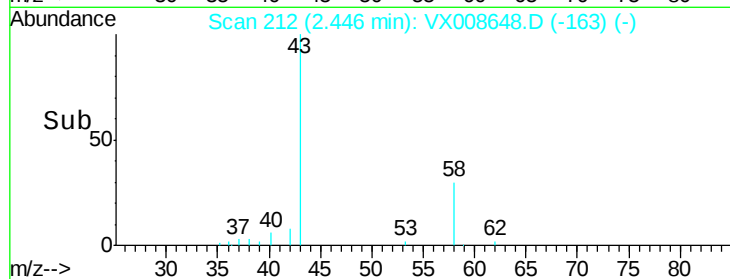
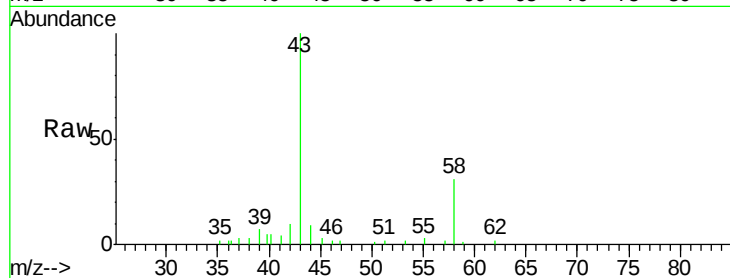
S8-0713

Tgt Ion: 43 Resp: 6004

Ion Ratio Lower Upper

43 100

58 31.7 24.8 37.2



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008648.D

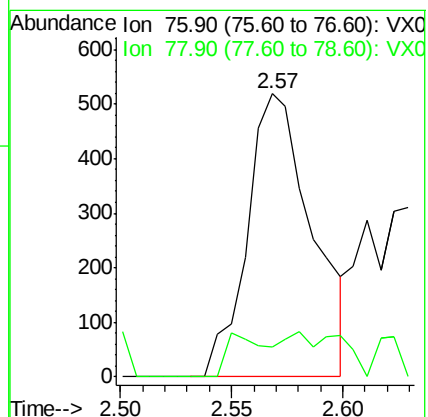
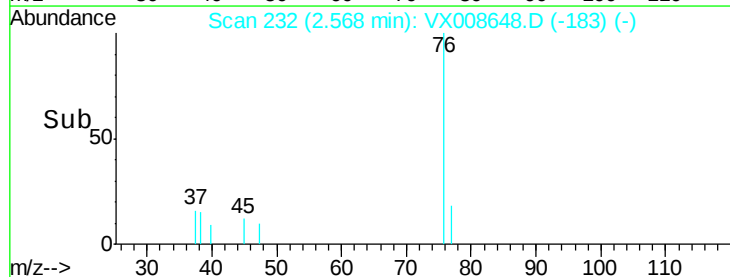
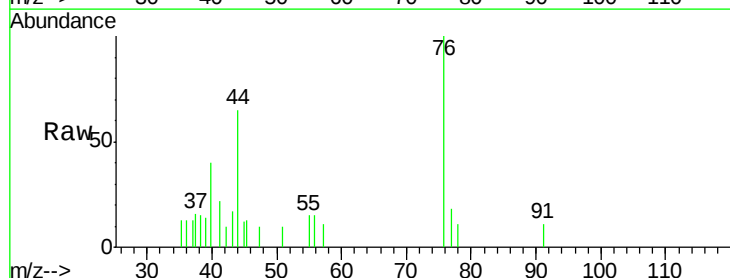
Acq: 04 Apr 2019 20:00

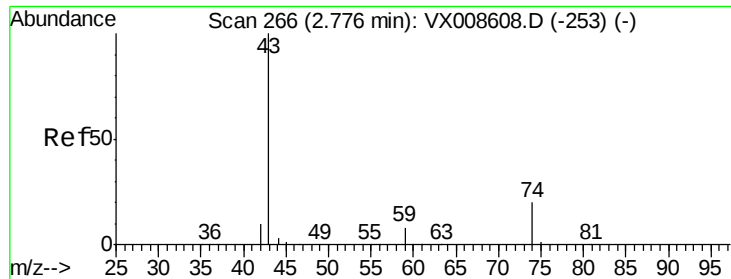
Tgt Ion: 76 Resp: 1048

Ion Ratio Lower Upper

76 100

78 10.6 7.1 10.7

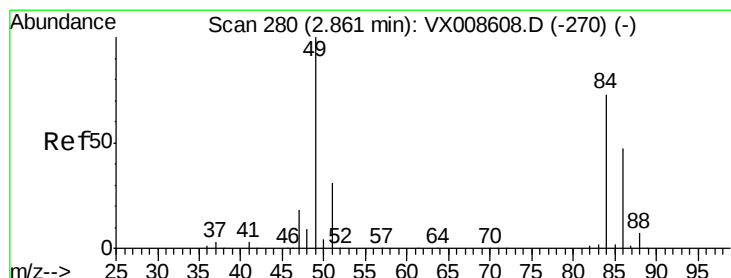
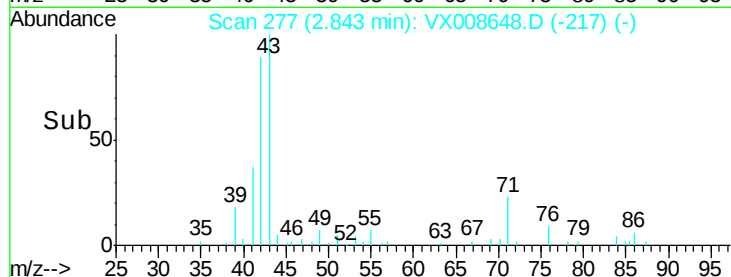
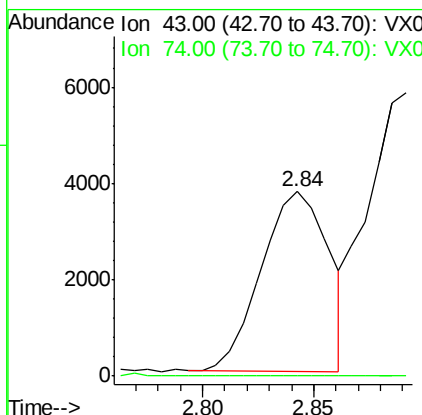
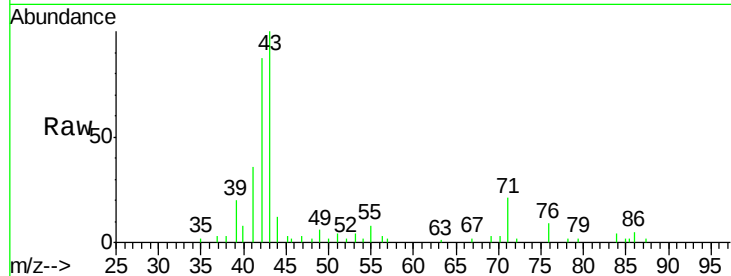




#18
Methyl Acetate
Concen: 1.816 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

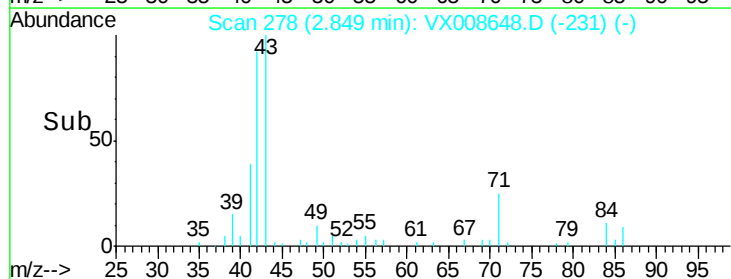
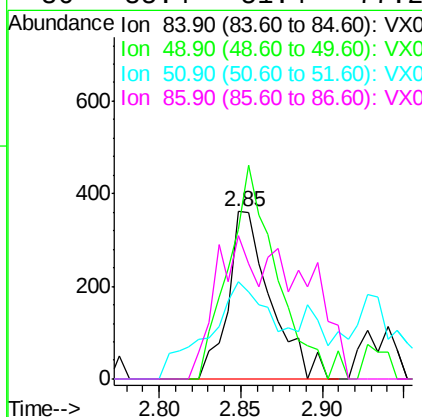
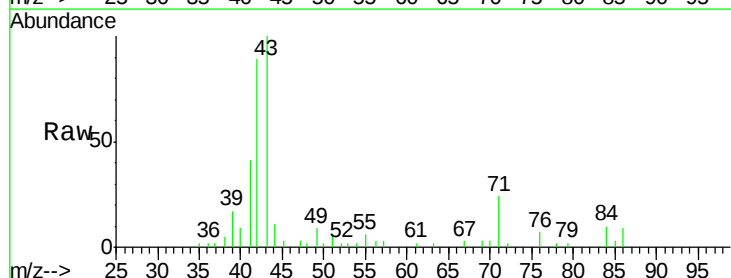
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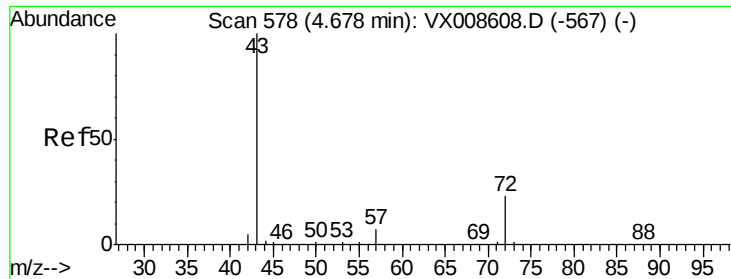
Tgt Ion: 43 Resp: 7892
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion: 84 Resp: 655
Ion Ratio Lower Upper
84 100
49 89.2 109.7 164.5#
51 38.7 33.6 50.4
86 85.4 51.4 77.2#





#25

2-Butanone

Concen: 0.703 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampled :

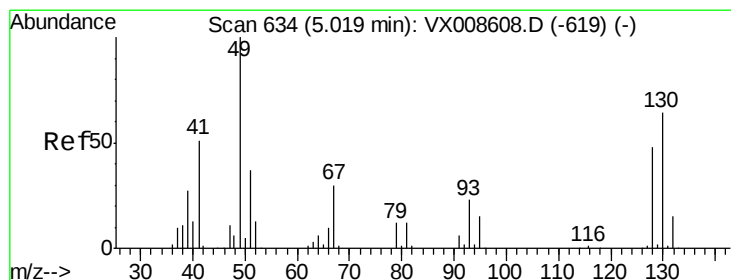
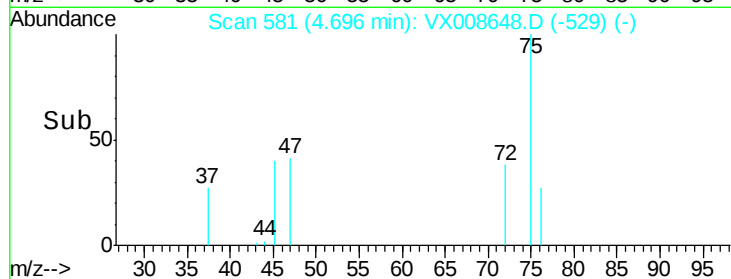
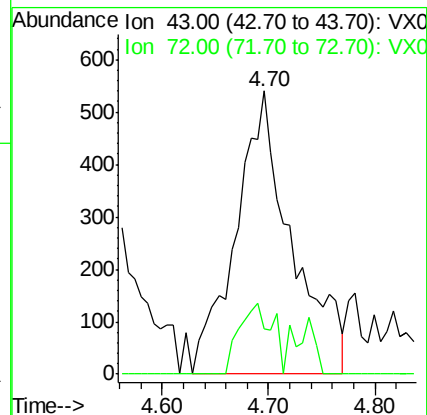
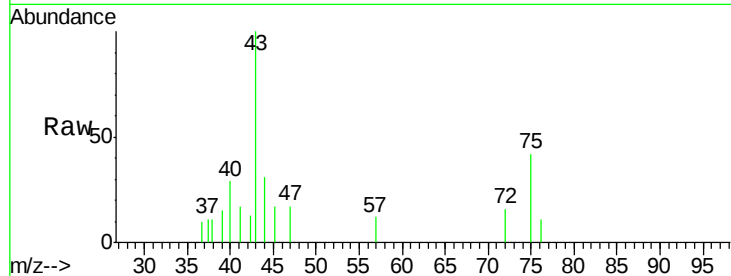
S8-0713

Tgt Ion: 43 Resp: 1991

Ion Ratio Lower Upper

43 100

72 16.1 18.2 27.4#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

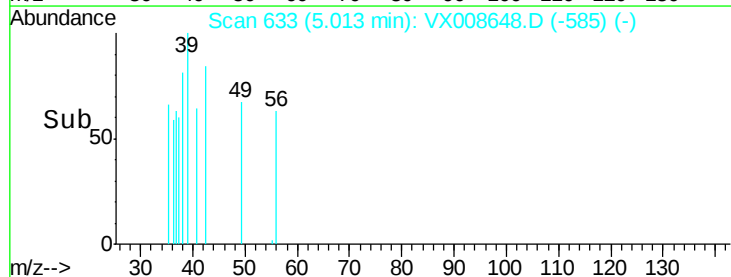
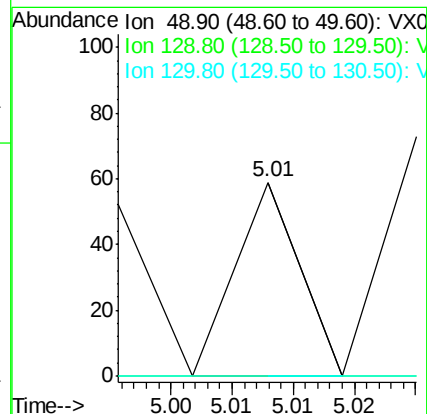
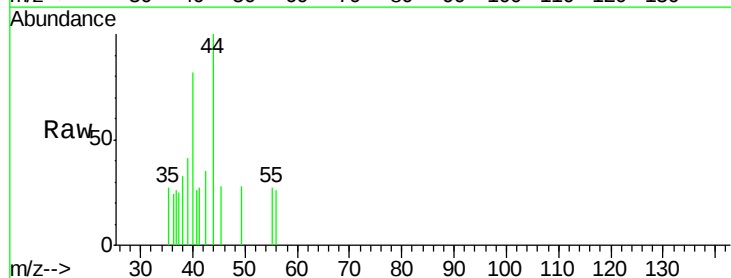
Tgt Ion: 49 Resp: 22

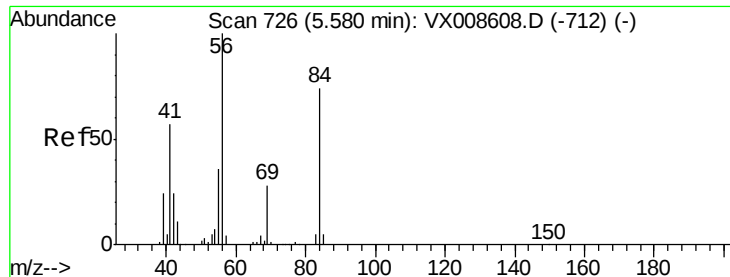
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#

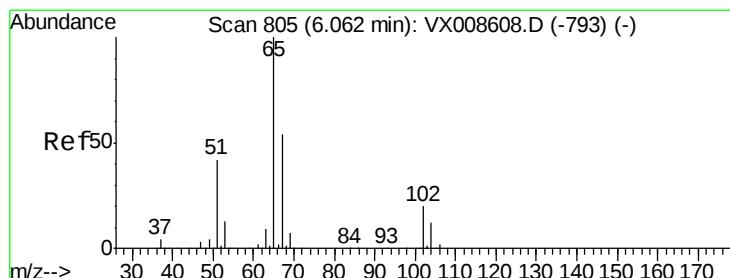
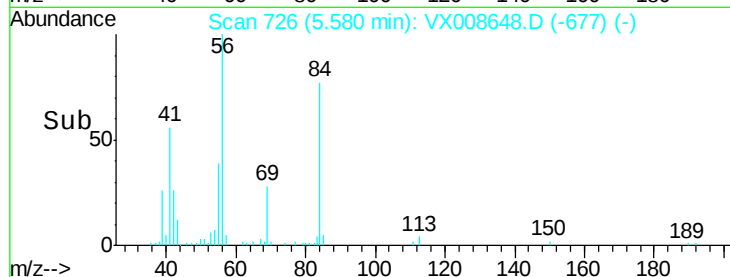
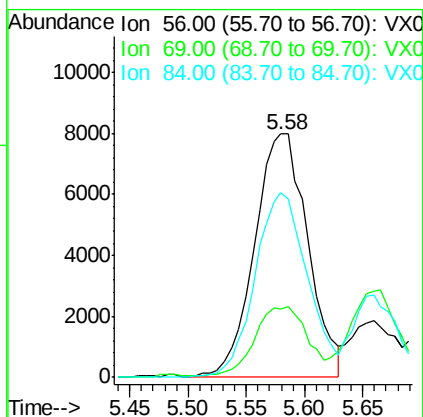
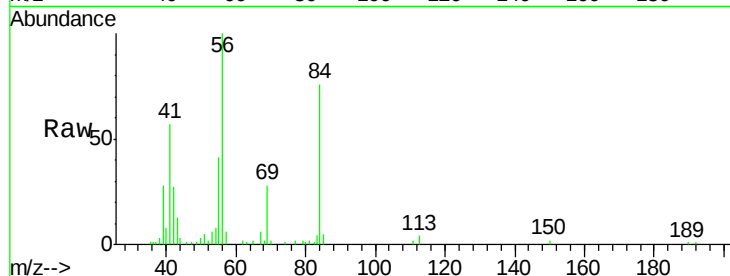




#31
Cyclohexane
Concen: 4.717 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

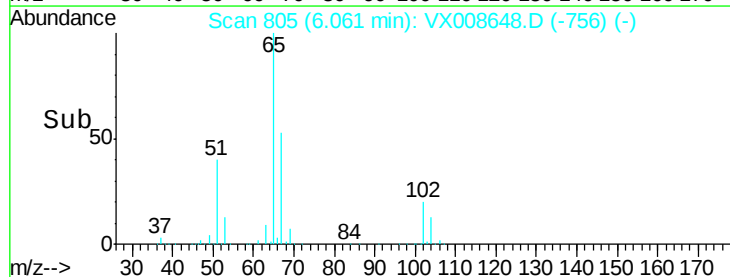
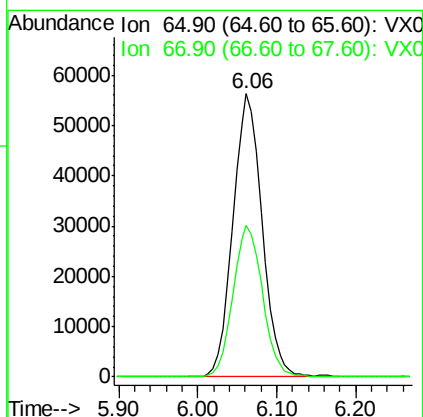
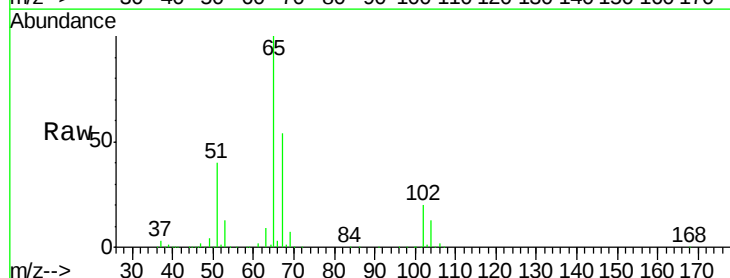
Instrument :
MSVOA_X
ClientSampled :
S8-0713

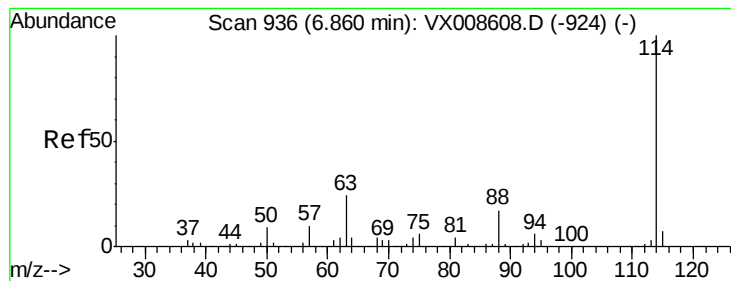
Tgt Ion: 56 Resp: 25360
Ion Ratio Lower Upper
56 100
69 27.2 22.6 33.8
84 76.6 59.3 88.9



#33
1,2-Dichloroethane-d4
Concen: 46.528 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion: 65 Resp: 144768
Ion Ratio Lower Upper
65 100
67 54.2 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: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

S8-0713

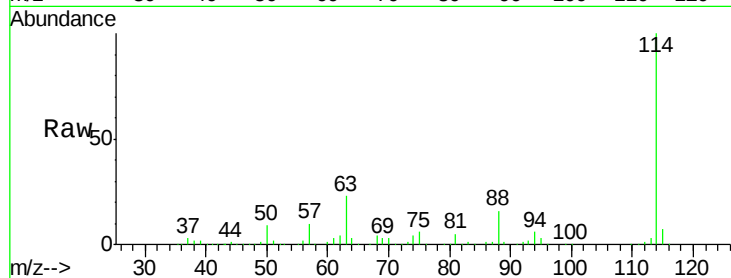
Tgt Ion:114 Resp: 352974

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

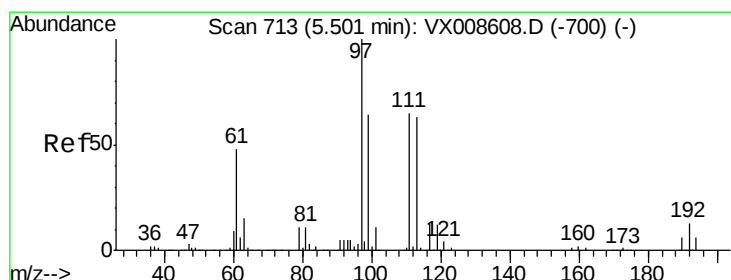
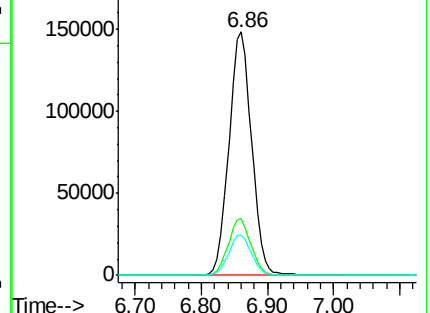
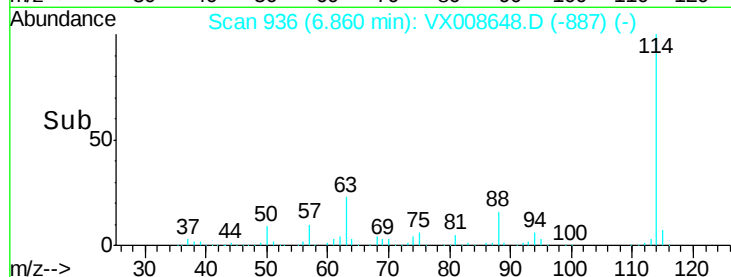
88 16.5 0.0 34.0



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: 47.377 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

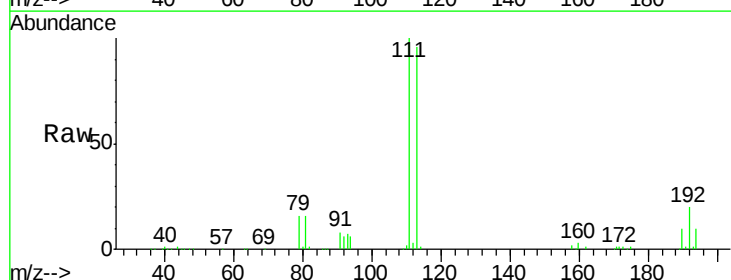
Tgt Ion:113 Resp: 106920

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

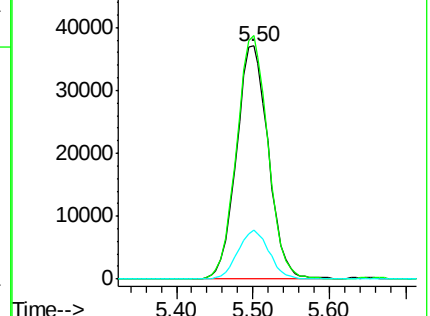
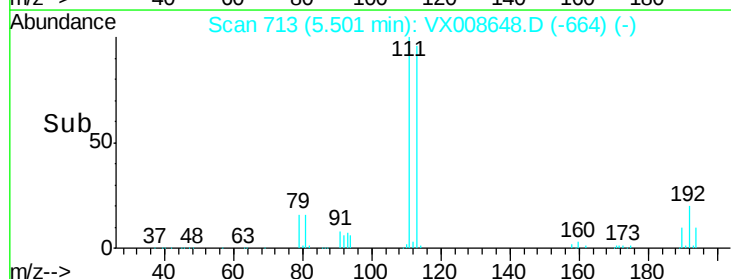
192 20.7 16.1 24.1

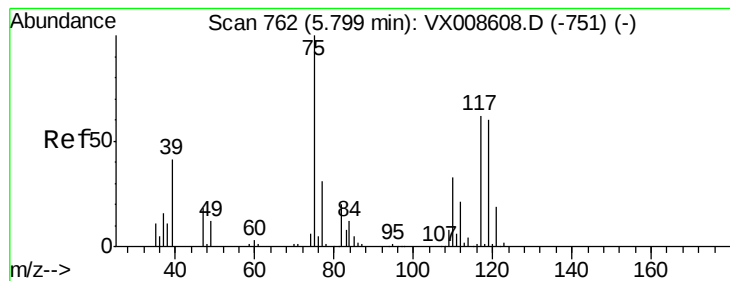


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.480 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

S8-0713

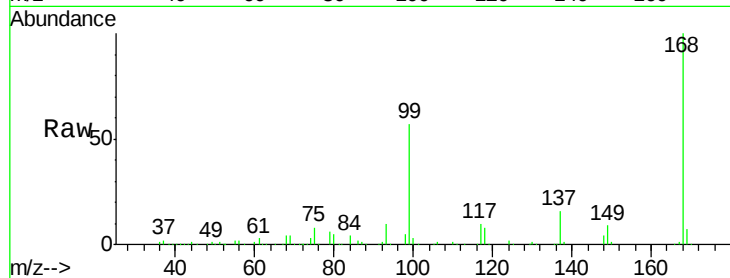
Tgt Ion: 75 Resp: 17285

Ion Ratio Lower Upper

75 100

110 8.6 16.4 49.2#

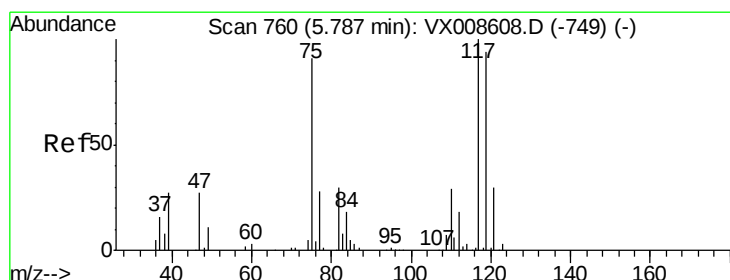
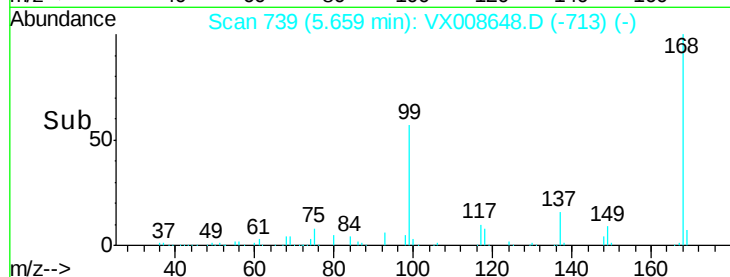
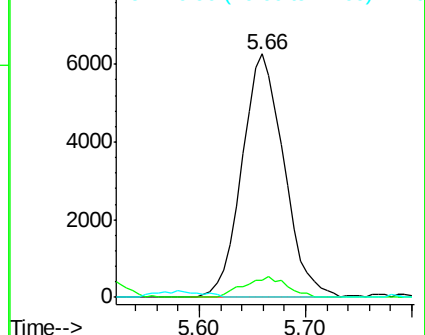
77 0.0 24.7 37.1#



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: 6.343 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

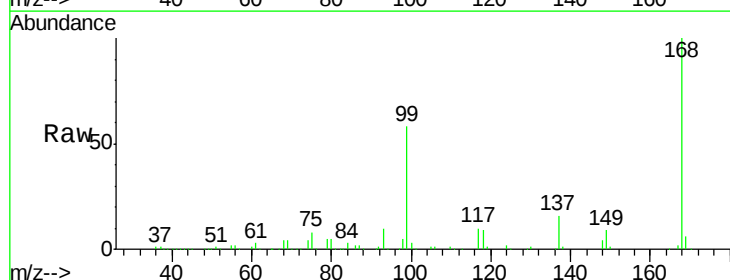
Tgt Ion: 117 Resp: 20257

Ion Ratio Lower Upper

117 100

119 5.8 75.0 112.6#

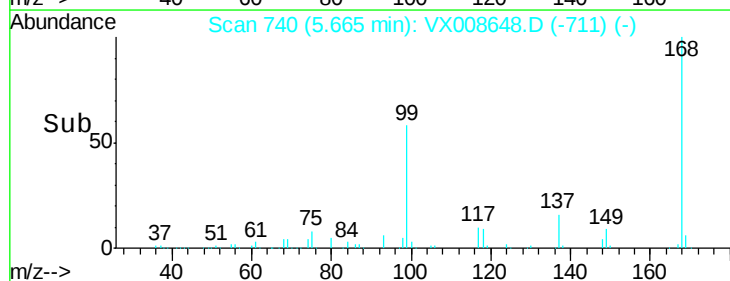
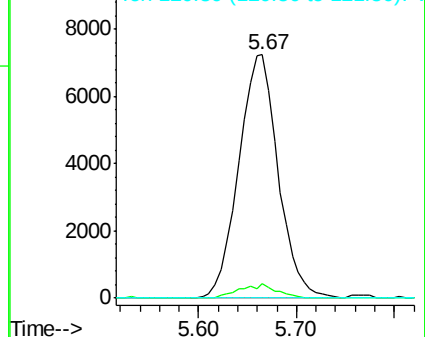
121 0.0 24.3 36.5#

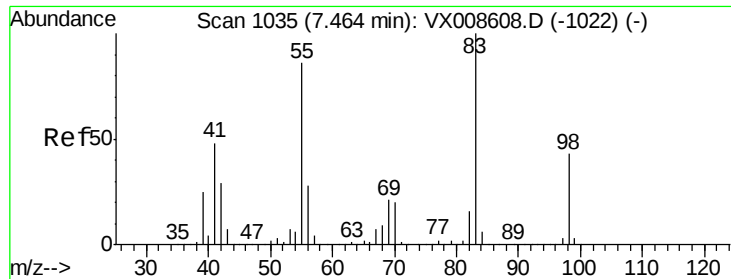


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

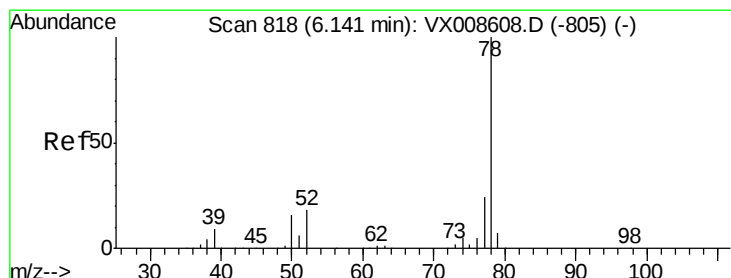
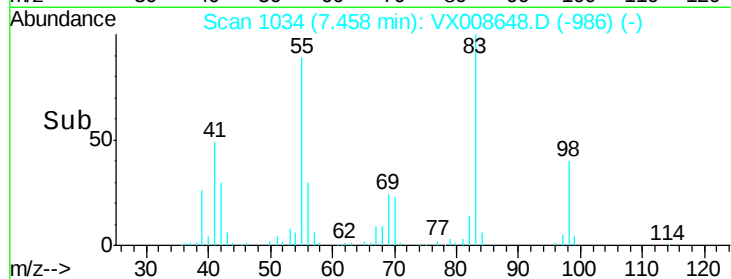
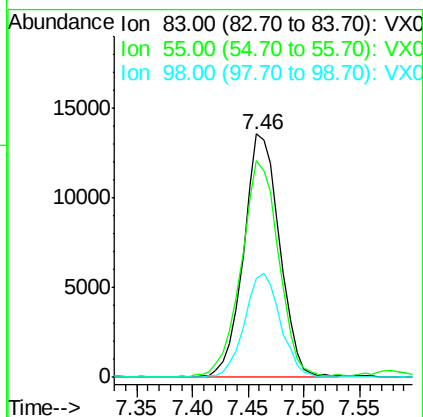
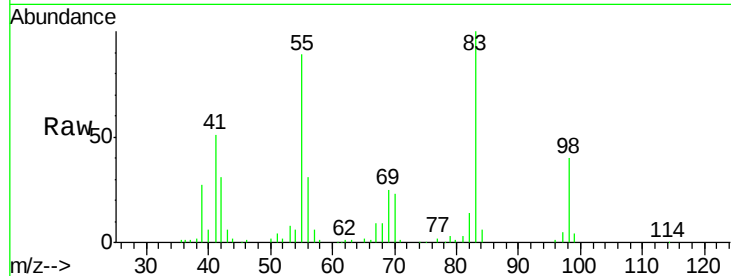




#39
Methylcyclohexane
Concen: 6.404 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

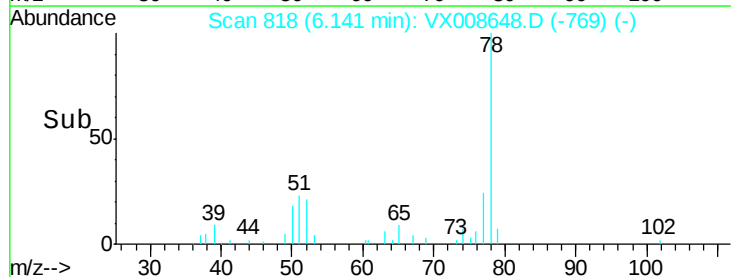
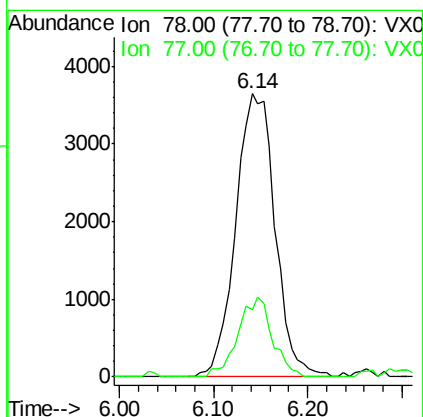
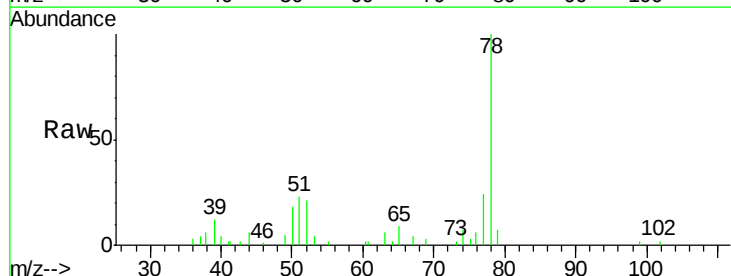
Instrument :
MSVOA_X
ClientSampled :
S8-0713

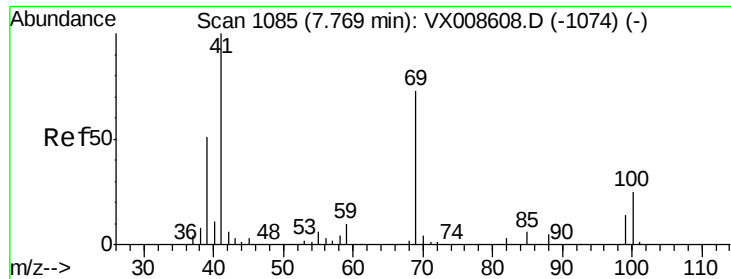
Tgt Ion: 83 Resp: 30522
Ion Ratio Lower Upper
83 100
55 89.2 69.0 103.6
98 40.4 34.4 51.6



#40
Benzene
Concen: 0.926 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion: 78 Resp: 10644
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#48

Methyl methacrylate

Concen: 0.487 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

S8-0713

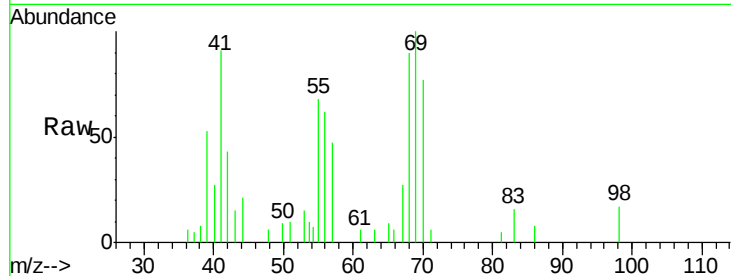
Tgt Ion: 41 Resp: 1989

Ion Ratio Lower Upper

41 100

69 146.9 59.0 88.4#

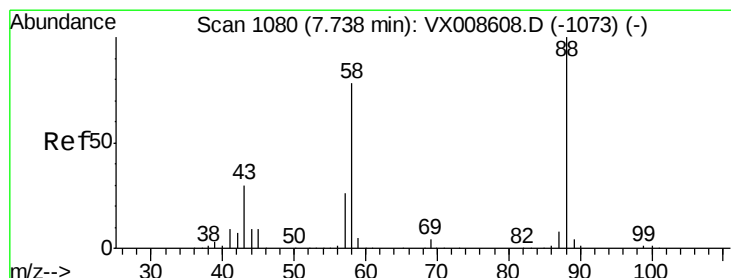
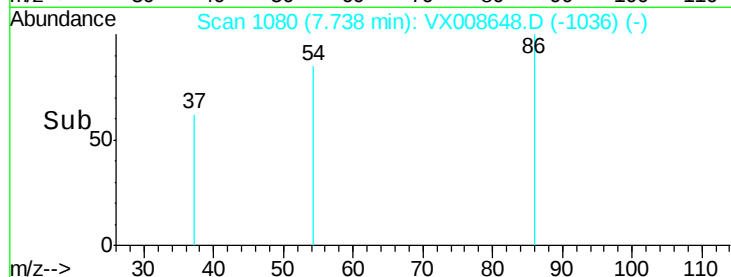
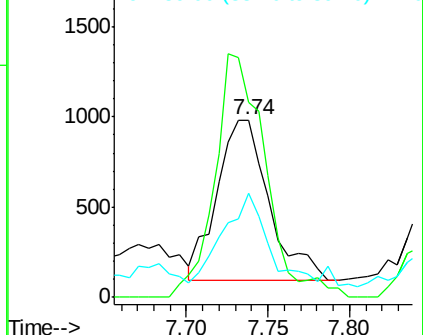
39 45.1 41.0 61.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 0.288 ug/l

RT: 7.59 min Scan# 1056

Delta R.T. -0.15 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

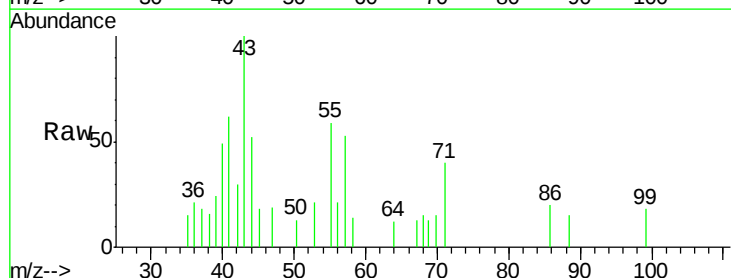
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 28.6 43.0#

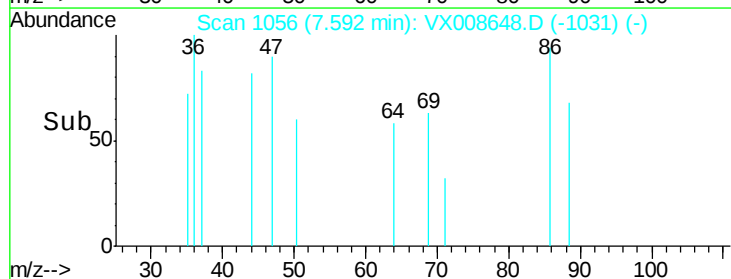
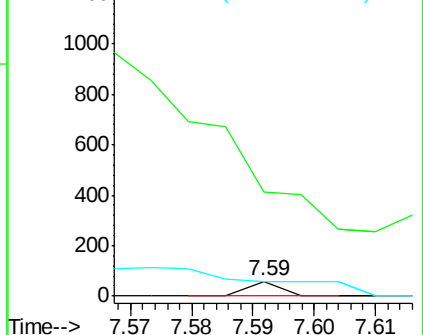
58 0.0 62.2 93.2#

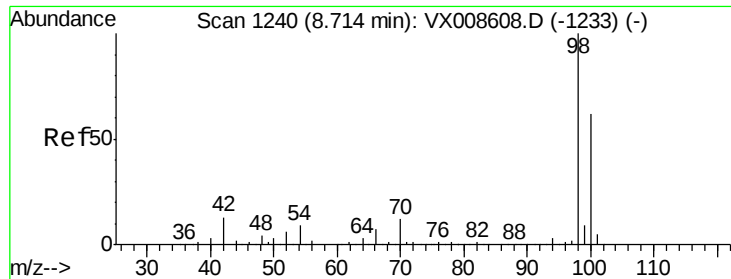


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.718 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

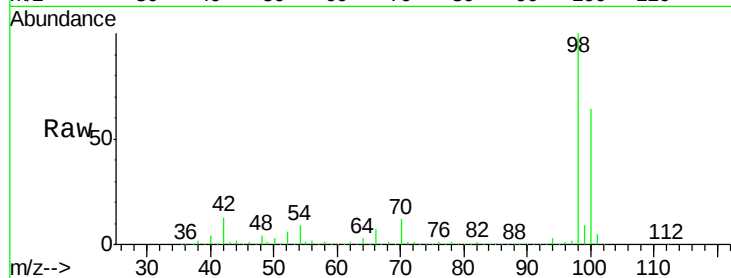
S8-0713

Tgt Ion: 98 Resp: 446760

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

250000

200000

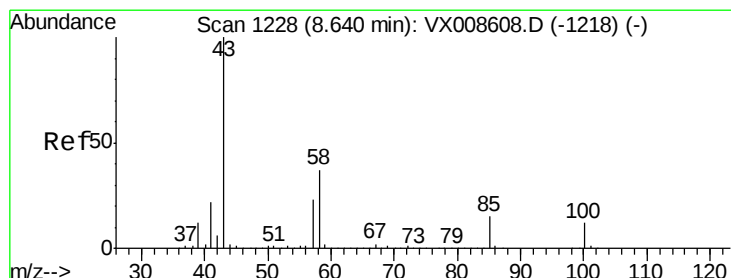
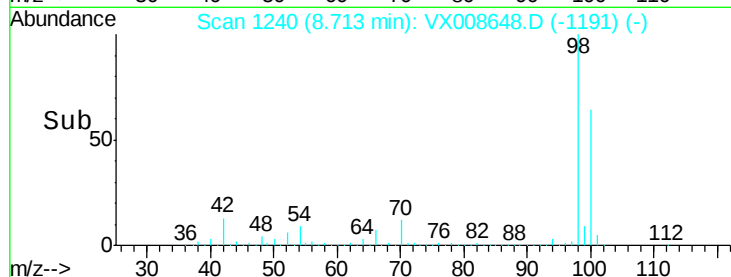
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.348 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX008648.D

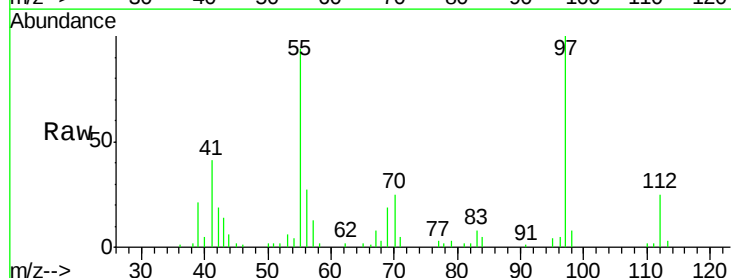
Acq: 04 Apr 2019 20:00

Tgt Ion: 43 Resp: 1806

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

3000

2500

2000

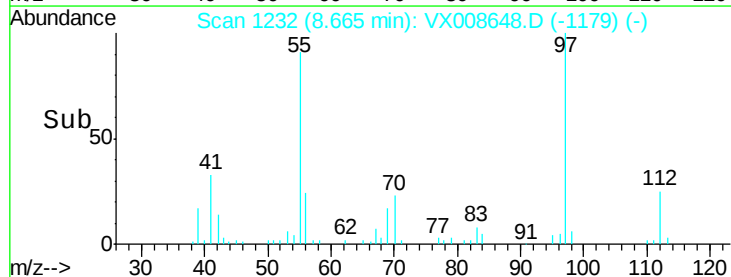
1500

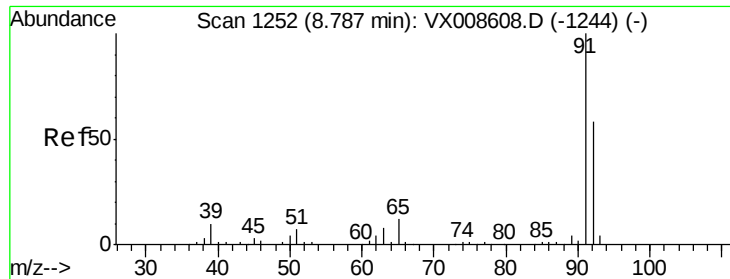
1000

500

0

Time-->





#52

Toluene

Concen: 0.366 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampled :

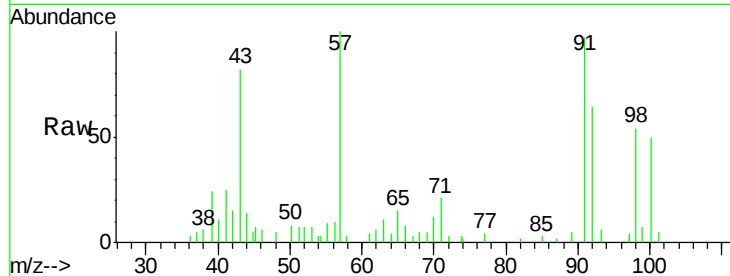
S8-0713

Tgt Ion: 92 Resp: 2482

Ion Ratio Lower Upper

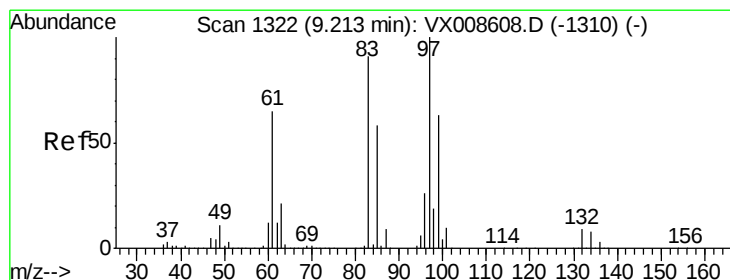
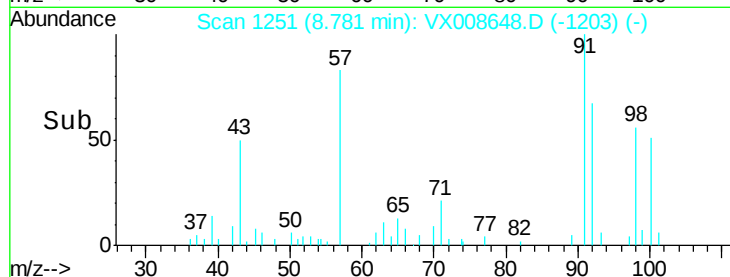
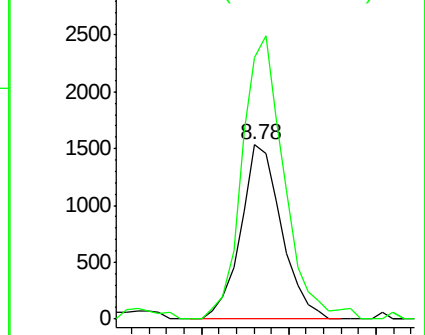
92 100

91 167.0 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 2.020 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Tgt Ion: 97 Resp: 5496

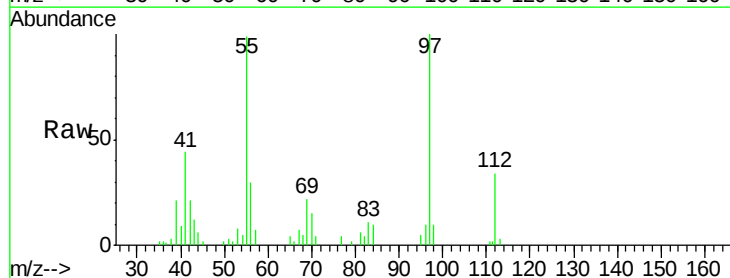
Ion Ratio Lower Upper

97 100

83 10.5 73.2 109.8#

85 0.0 46.6 69.8#

99 0.0 50.1 75.1#

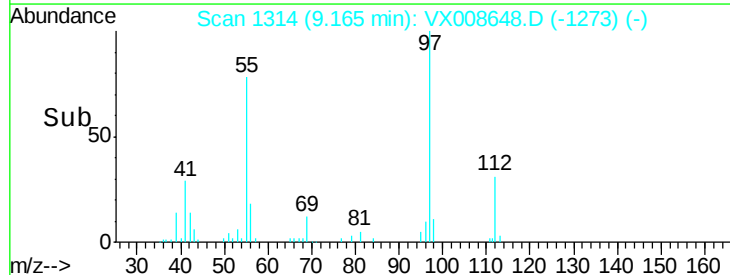
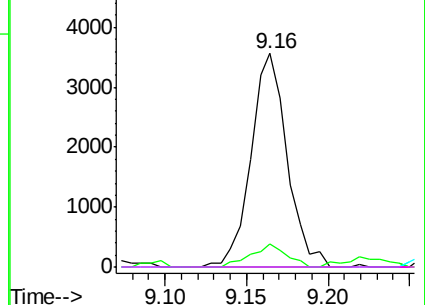


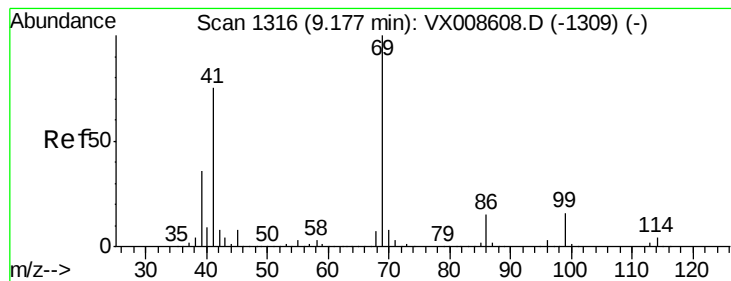
Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.296 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

S8-0713

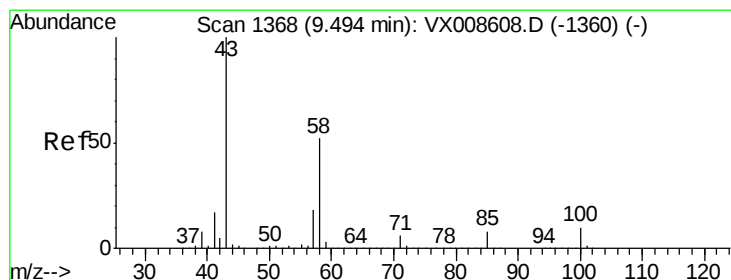
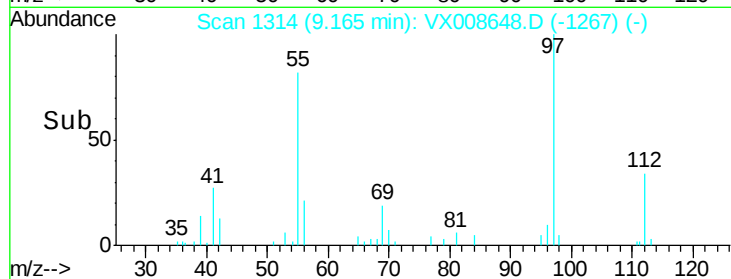
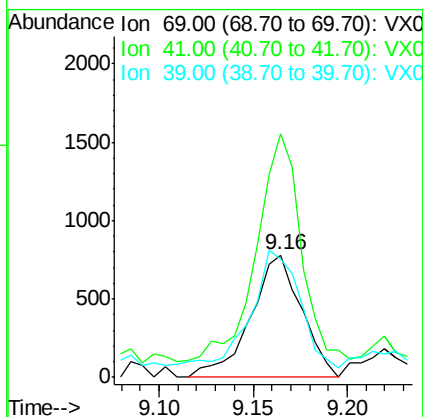
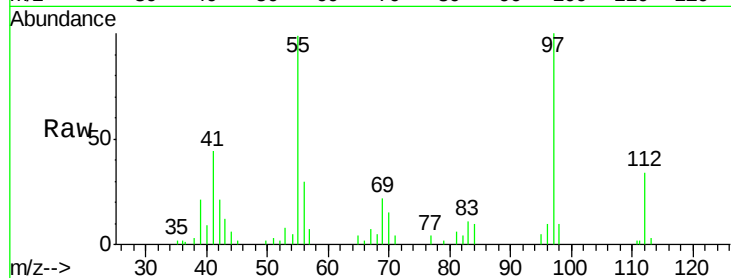
Tgt Ion: 69 Resp: 1456

Ion Ratio Lower Upper

69 100

41 163.3 60.1 90.1#

39 92.0 28.9 43.3#



#59

2-Hexanone

Concen: 0.465 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. -0.19 min

Lab File: VX008648.D

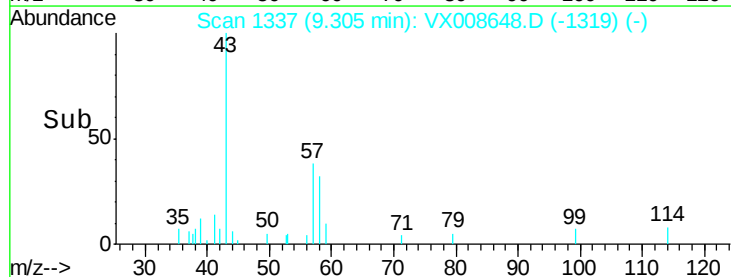
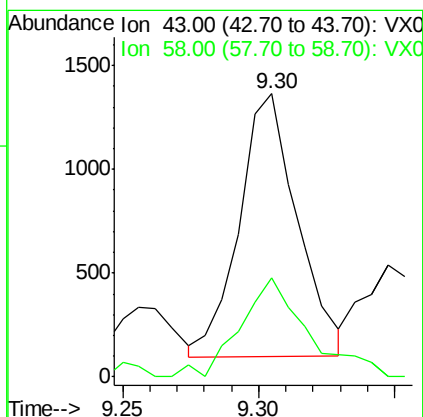
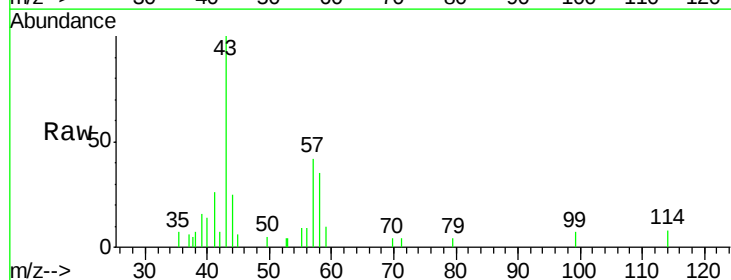
Acq: 04 Apr 2019 20:00

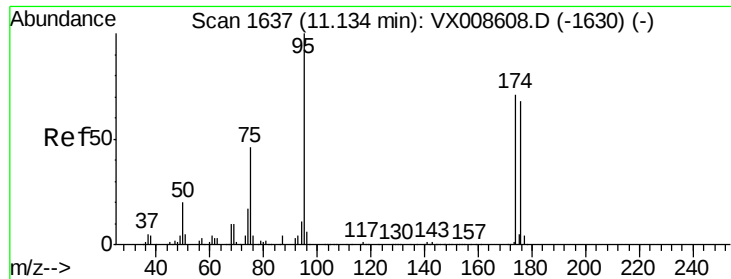
Tgt Ion: 43 Resp: 1878

Ion Ratio Lower Upper

43 100

58 43.6 25.9 77.7

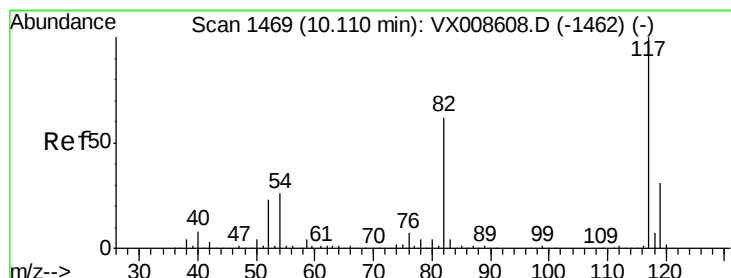
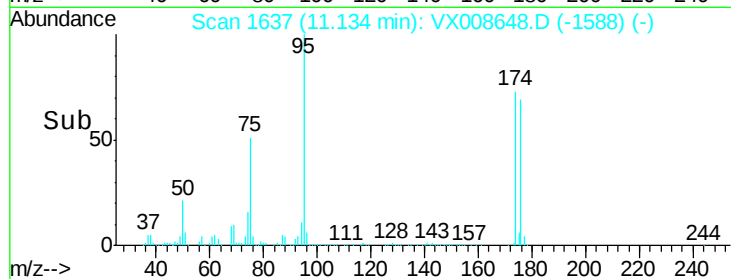
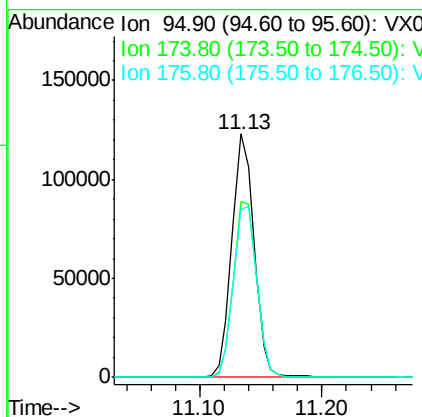
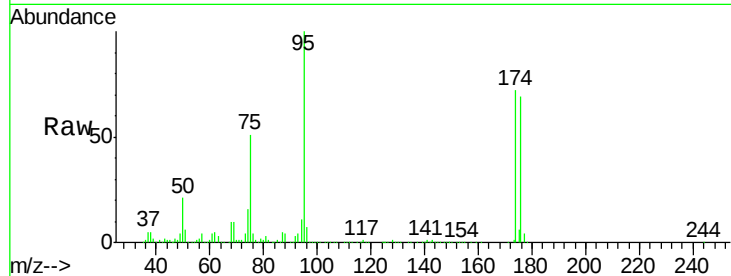




#62
4-Bromofluorobenzene
Concen: 48.363 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

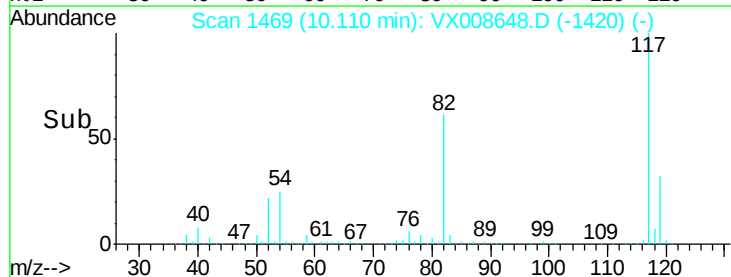
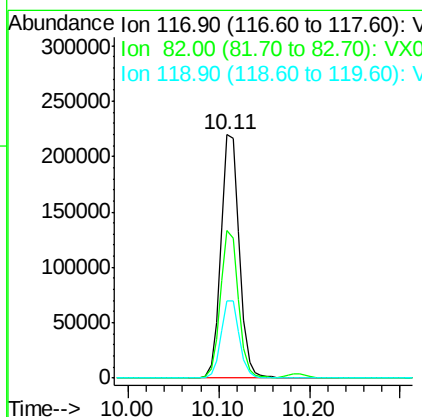
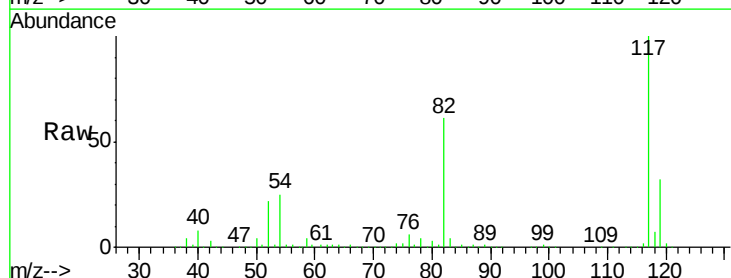
Instrument :
MSVOA_X
ClientSampleId :
S8-0713

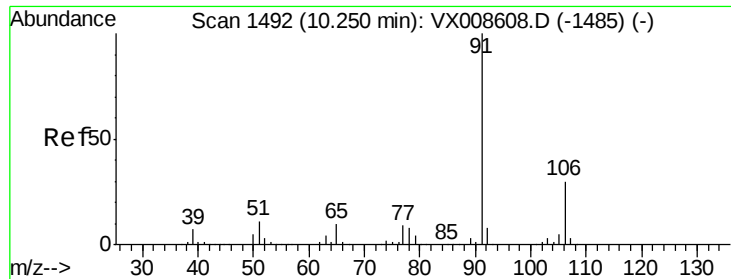
Tgt Ion: 95 Resp: 154111
Ion Ratio Lower Upper
95 100
174 75.7 0.0 151.8
176 74.4 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion: 117 Resp: 310616
Ion Ratio Lower Upper
117 100
82 60.6 49.6 74.4
119 31.5 25.0 37.4

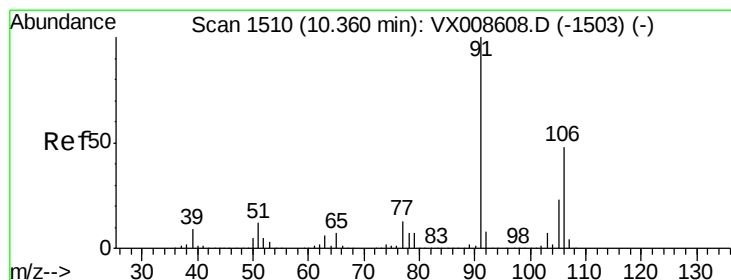
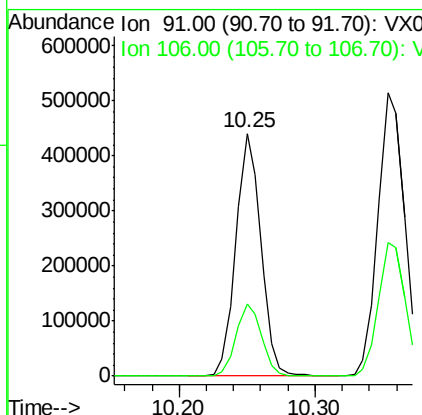
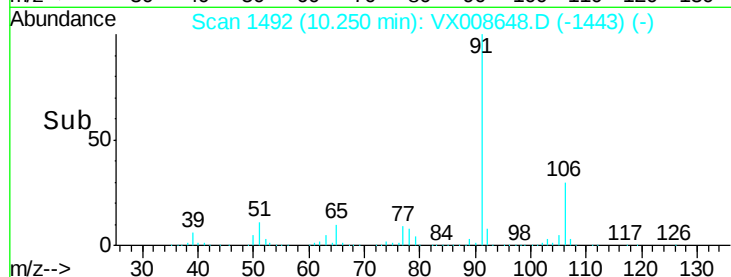
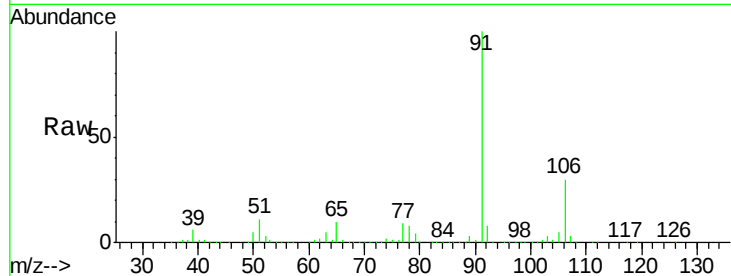




#67
 Ethyl Benzene
 Concen: 44.135 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

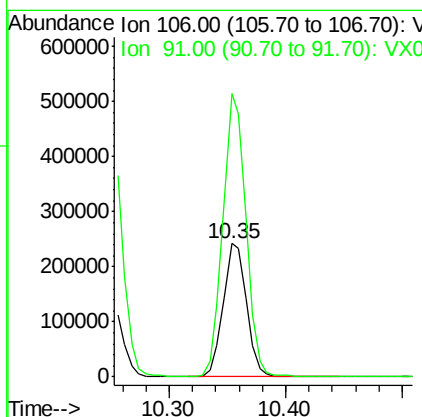
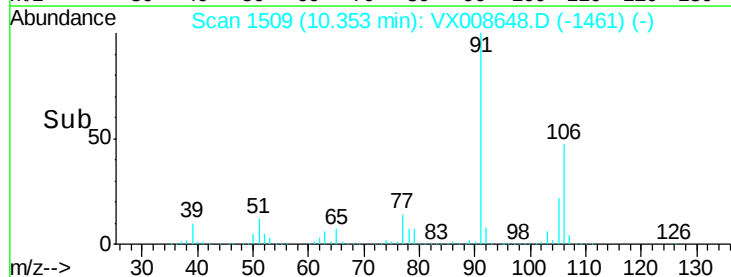
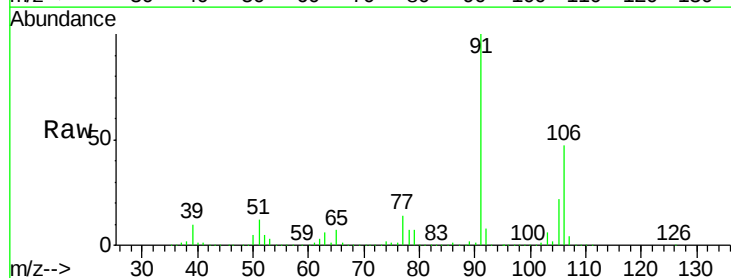
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0713

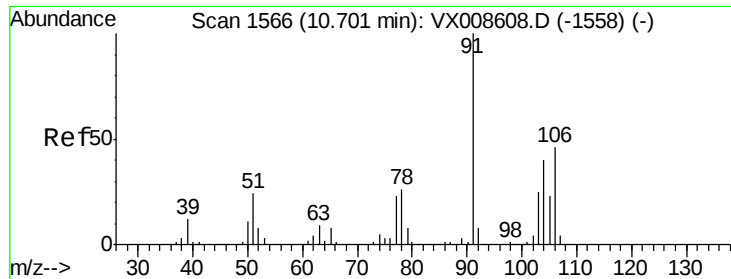
Tgt Ion: 91 Resp: 566645
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.7 35.5



#68
 m/p-Xylenes
 Concen: 72.652 ug/l
 RT: 10.35 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

Tgt Ion: 106 Resp: 335386
 Ion Ratio Lower Upper
 106 100
 91 210.4 168.5 252.7

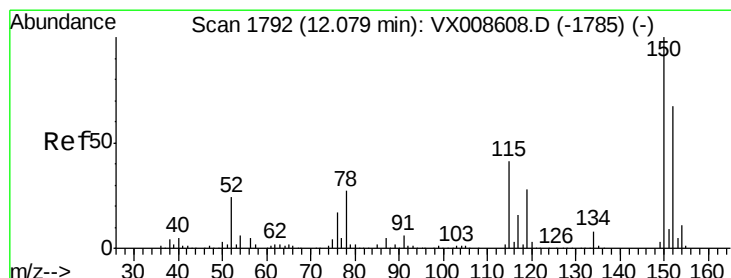
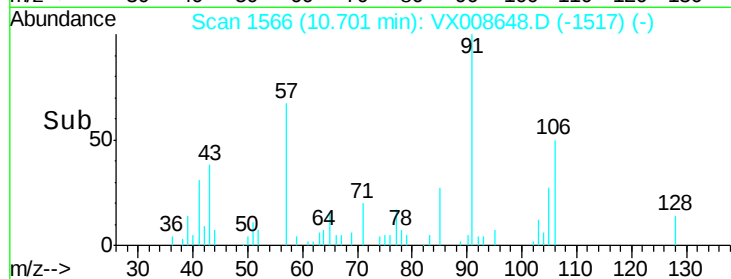
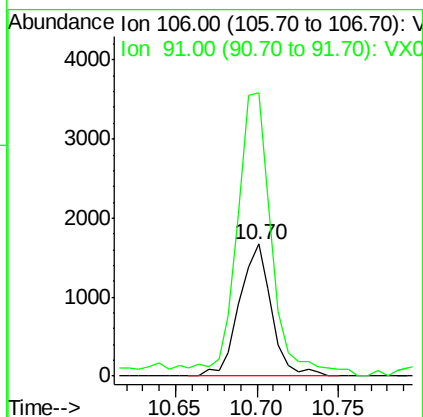
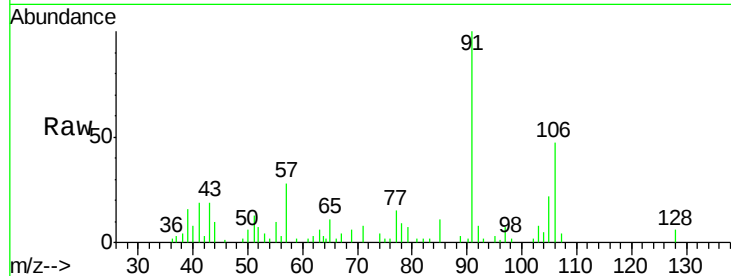




#69
o-Xylene
Concen: 0.513 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

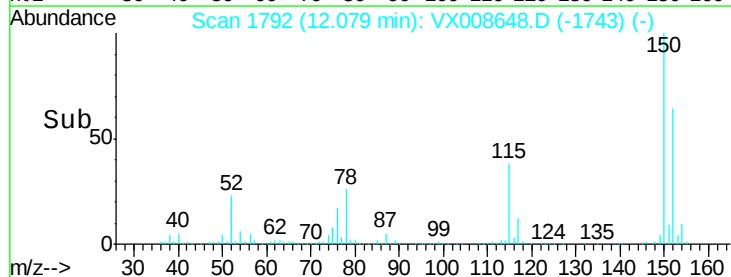
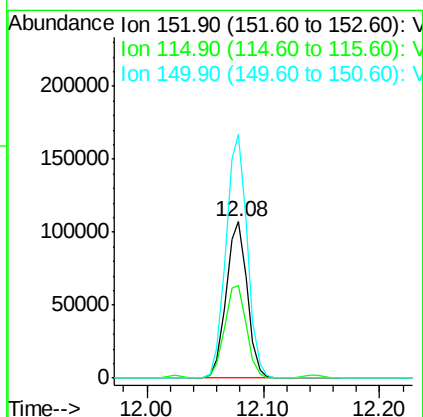
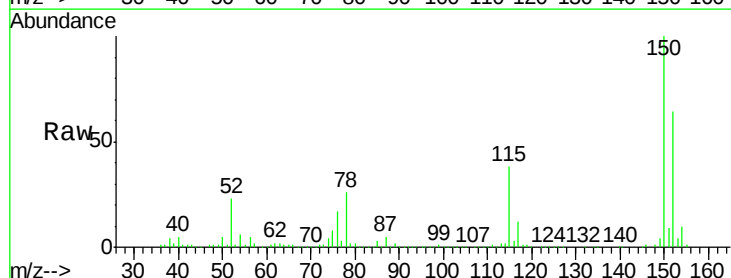
Instrument :
MSVOA_X
ClientSampled :
S8-0713

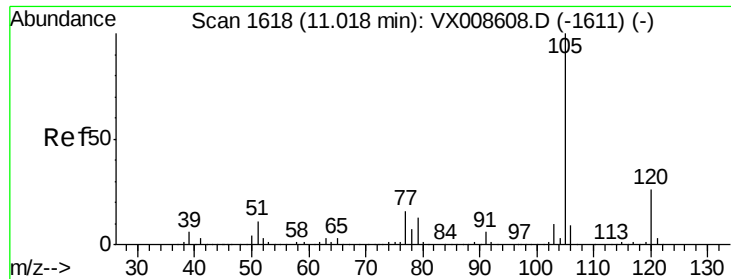
Tgt Ion:106 Resp: 2294
Ion Ratio Lower Upper
106 100
91 232.7 111.5 334.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion:152 Resp: 134051
Ion Ratio Lower Upper
152 100
115 60.9 43.5 130.5
150 157.8 0.0 348.8





#73

Isopropylbenzene

Concen: 4.101 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

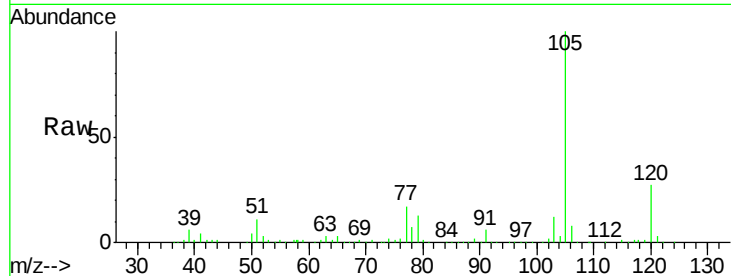
S8-0713

Tgt Ion: 105 Resp: 45557

Ion Ratio Lower Upper

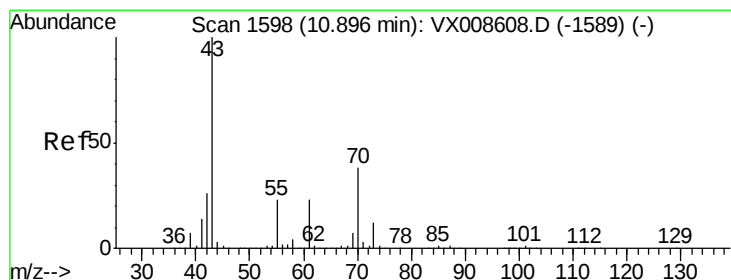
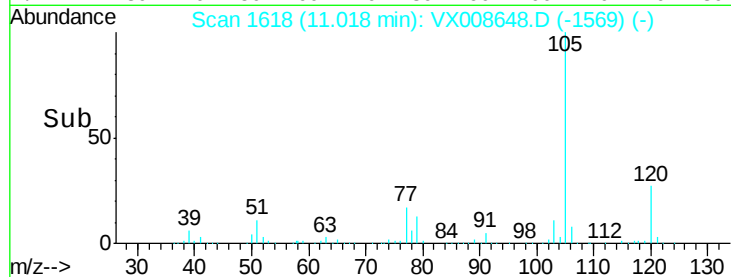
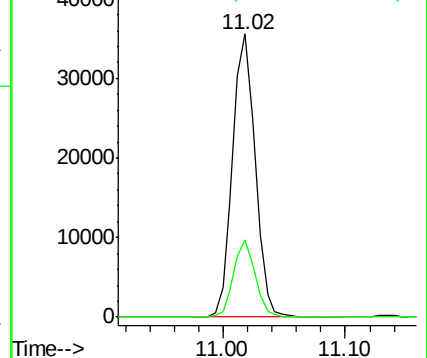
105 100

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: 0.670 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Tgt Ion: 43 Resp: 4378

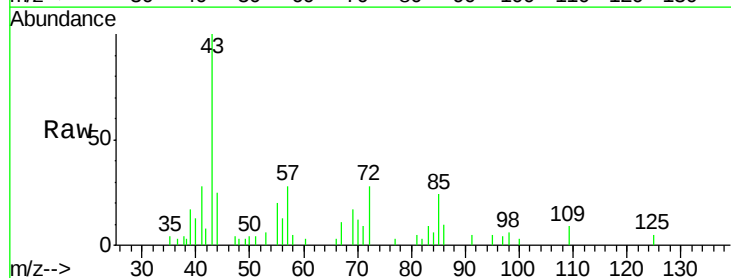
Ion Ratio Lower Upper

43 100

70 0.0 30.2 45.4#

55 0.0 18.2 27.4#

61 0.0 18.6 28.0#

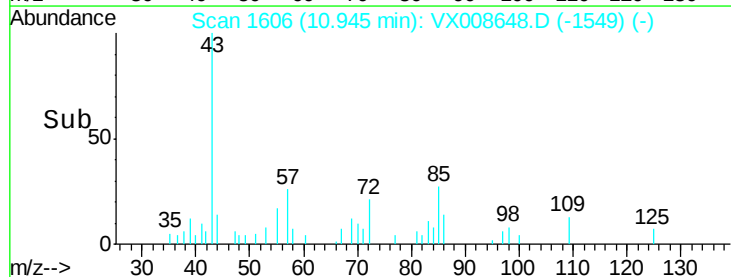
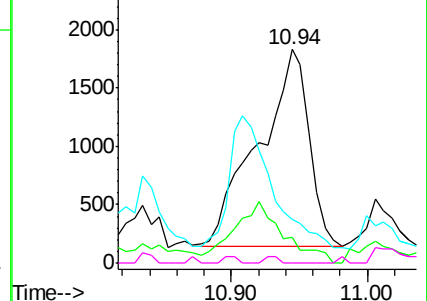


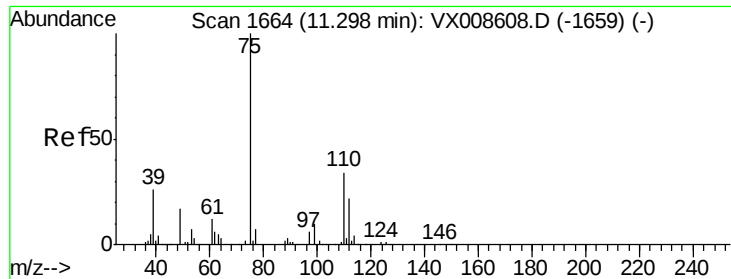
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 21.090 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008648.D

Acq: 04 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

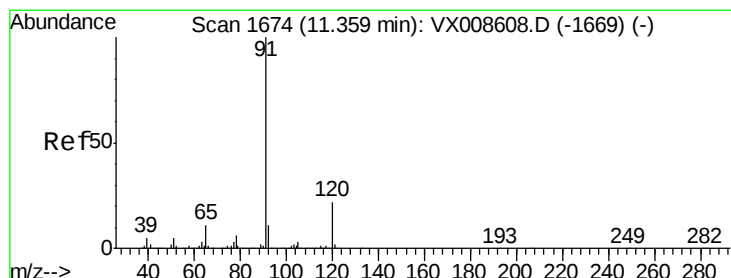
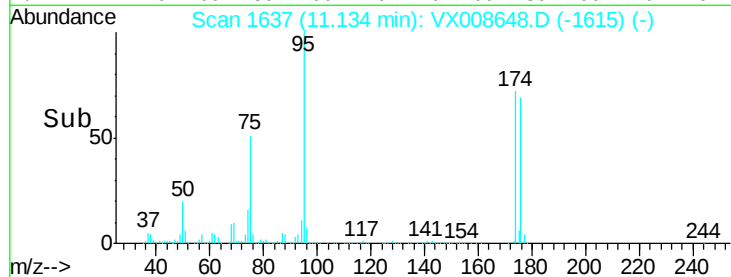
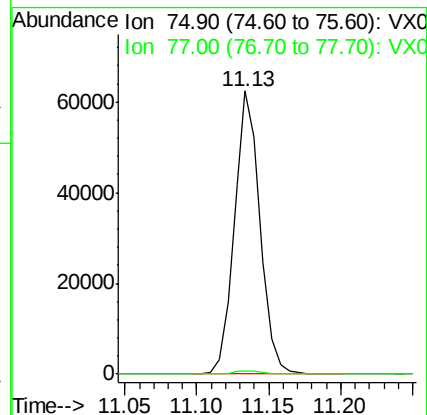
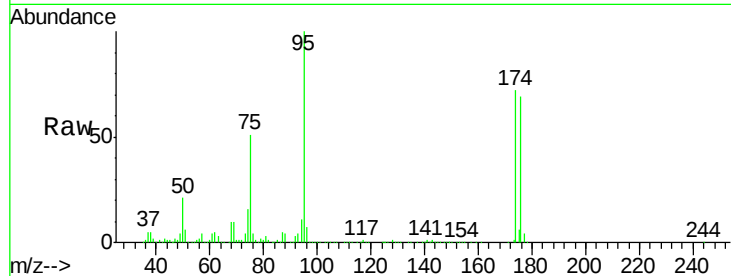
S8-0713

Tgt Ion: 75 Resp: 77665

Ion Ratio Lower Upper

75 100

77 1.3 22.3 66.8#



#78

n-propylbenzene

Concen: 5.155 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008648.D

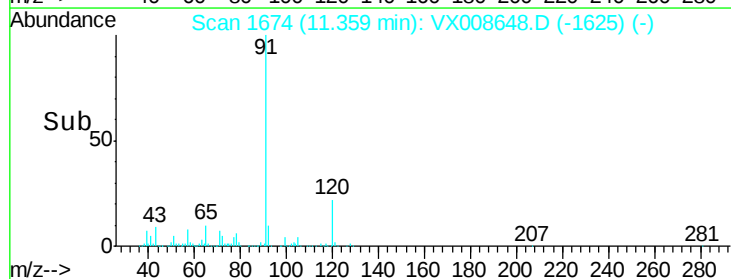
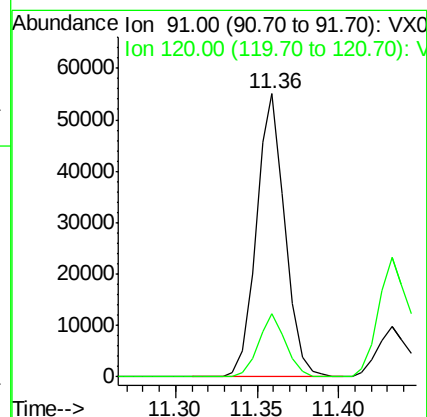
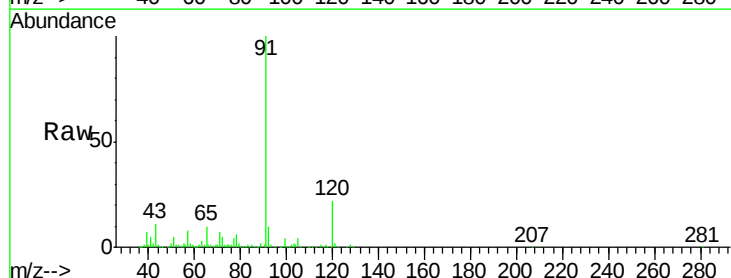
Acq: 04 Apr 2019 20:00

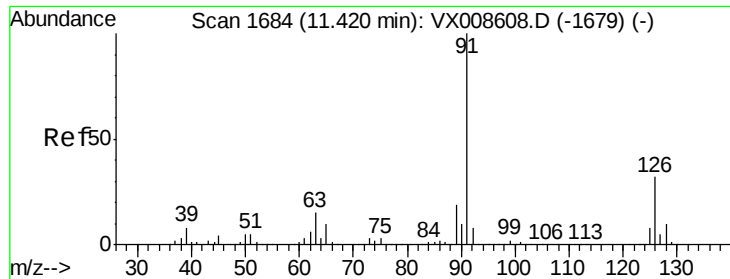
Tgt Ion: 91 Resp: 66682

Ion Ratio Lower Upper

91 100

120 21.2 10.9 32.7

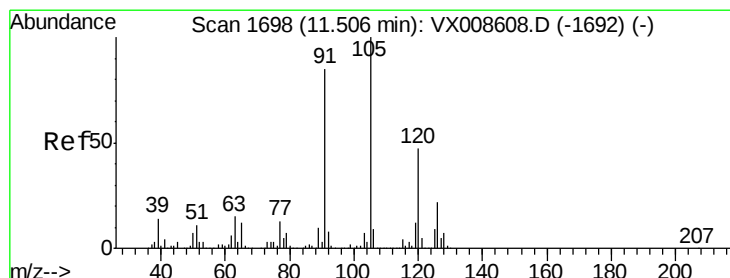
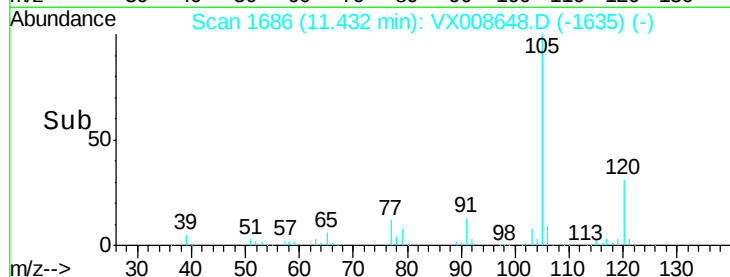
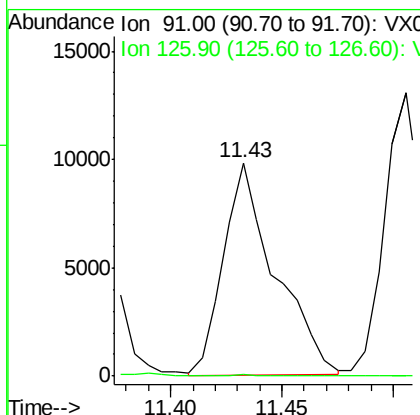
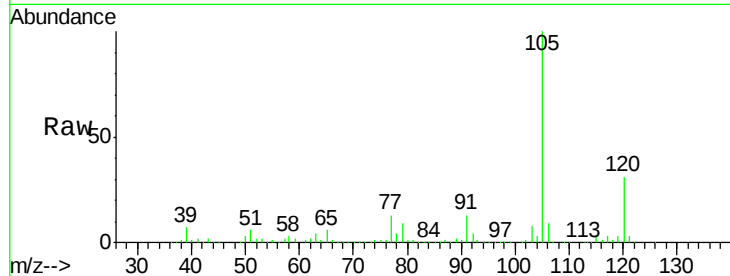




#79
 2-Chlorotoluene
 Concen: 2.022 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

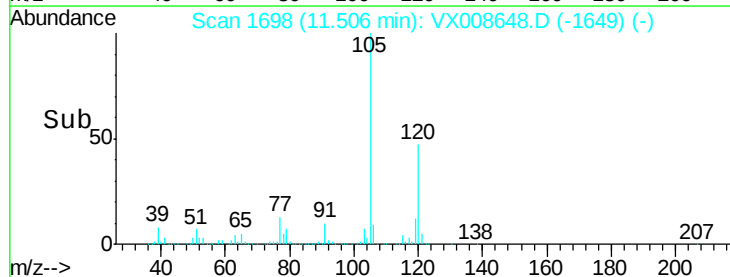
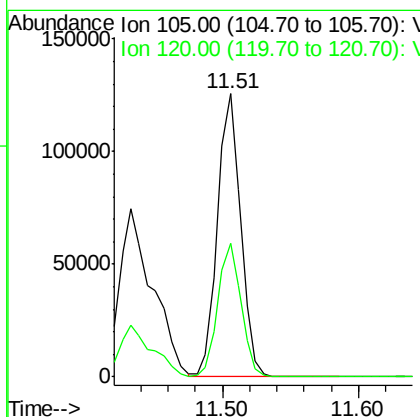
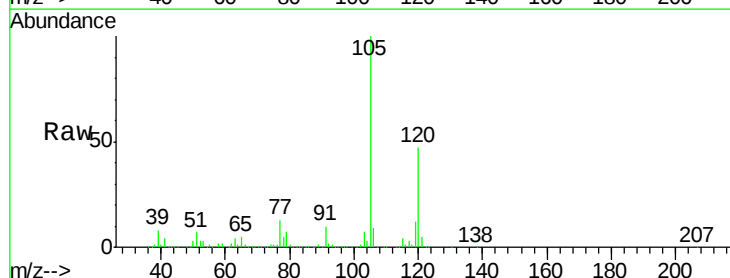
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0713

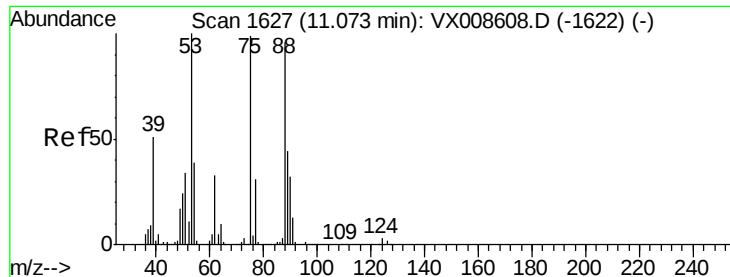
Tgt Ion: 91 Resp: 15827
 Ion Ratio Lower Upper
 91 100
 126 0.2 16.1 48.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 16.029 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

Tgt Ion: 105 Resp: 149471
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.5 70.6

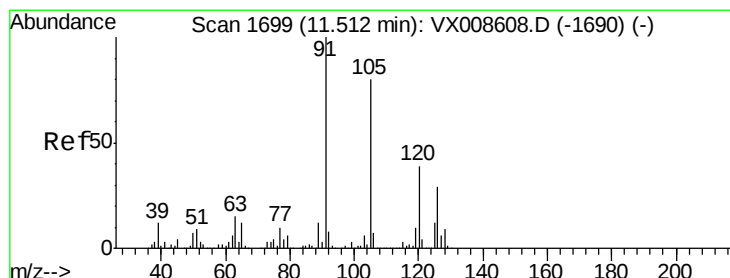
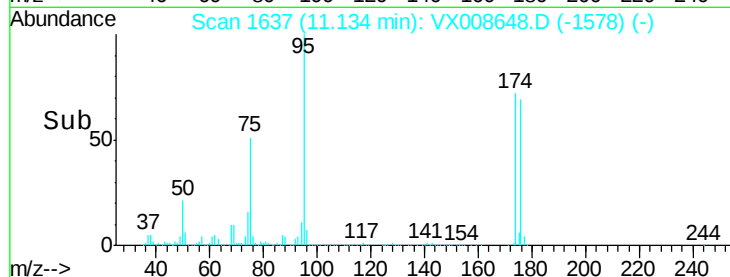
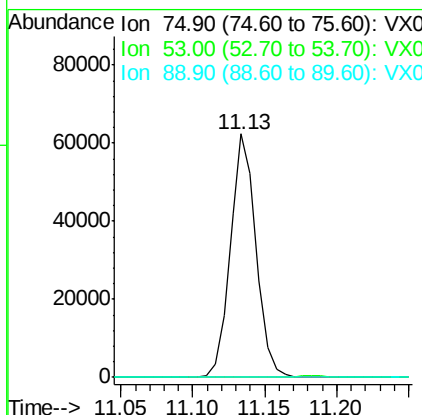
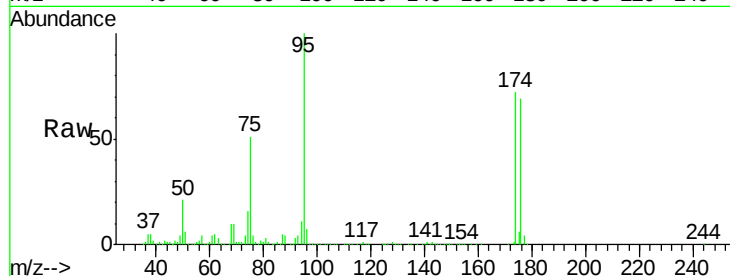




#81
trans-1,4-Dichloro-2-butene
Concen: 58.136 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

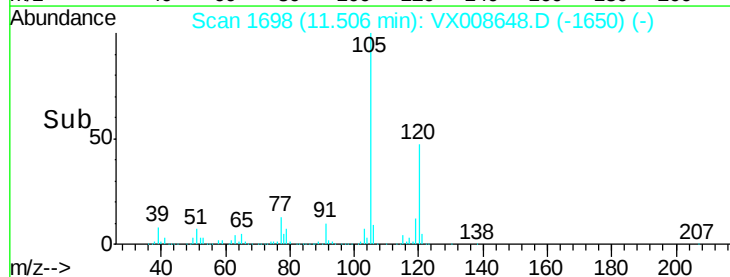
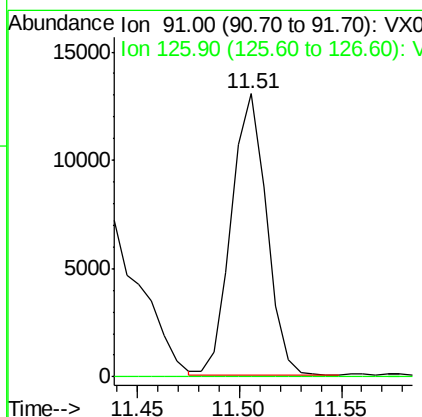
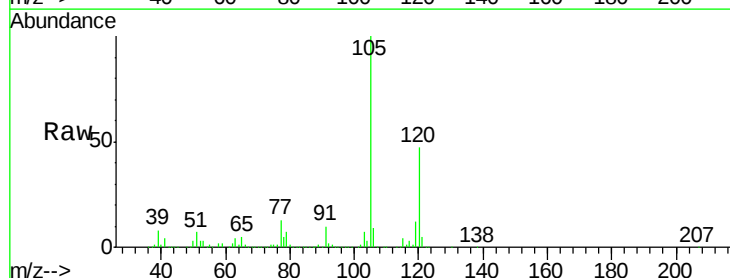
Instrument :
MSVOA_X
ClientSampled :
S8-0713

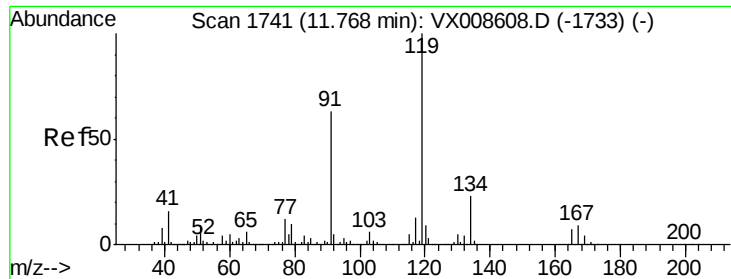
Tgt Ion: 75 Resp: 77665
Ion Ratio Lower Upper
75 100
53 0.2 81.3 121.9#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 1.719 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion: 91 Resp: 15575
Ion Ratio Lower Upper
91 100
126 0.0 13.9 41.6#

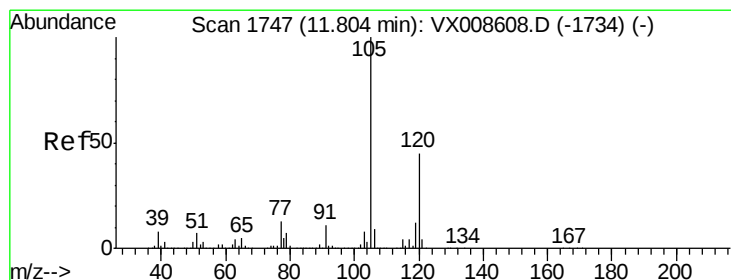
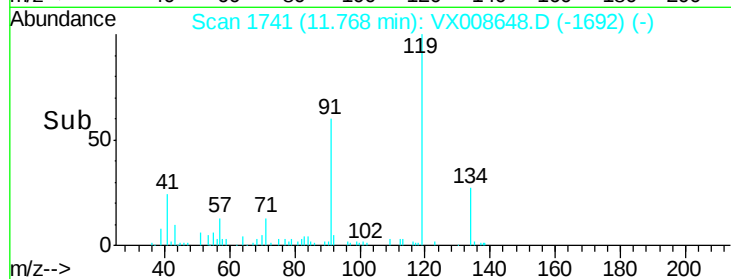
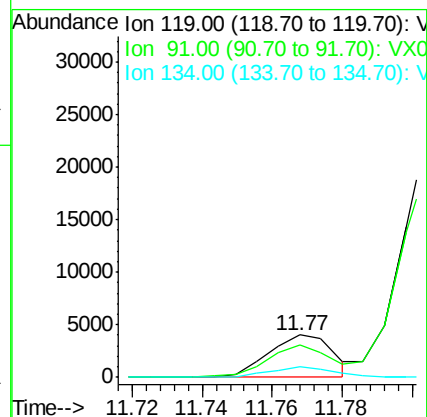
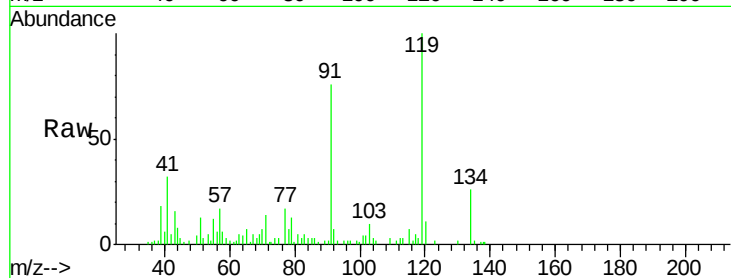




#83
tert-Butylbenzene
Concen: 0.572 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

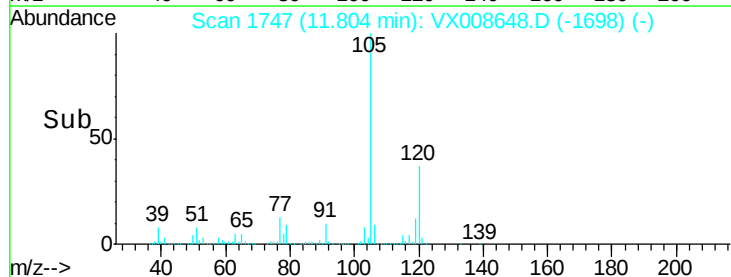
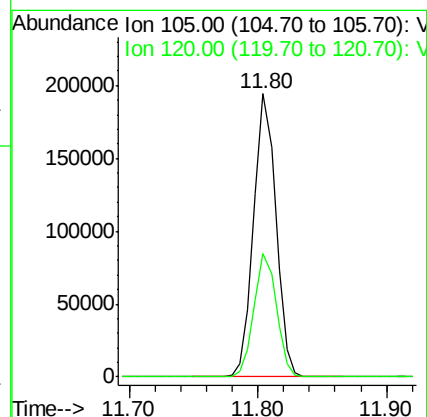
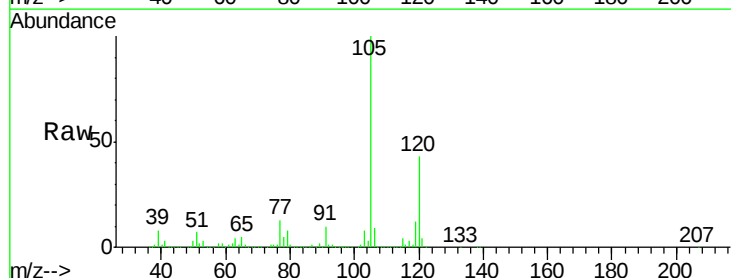
Instrument :
MSVOA_X
ClientSampled :
S8-0713

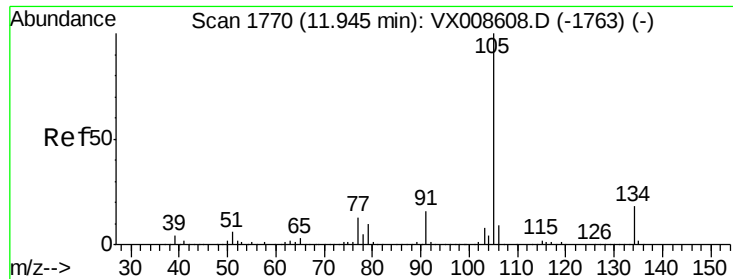
Tgt Ion:119 Resp: 5133
Ion Ratio Lower Upper
119 100
91 76.3 30.0 90.1
134 25.6 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 24.421 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion:105 Resp: 230596
Ion Ratio Lower Upper
105 100
120 44.2 21.8 65.3

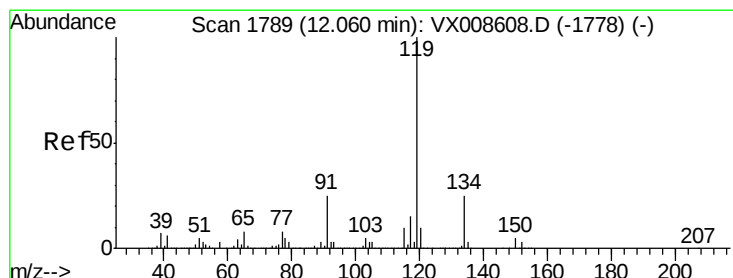
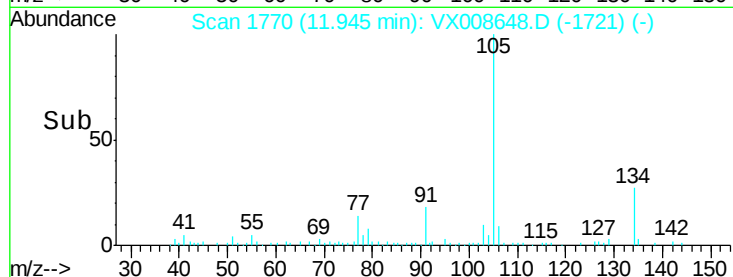
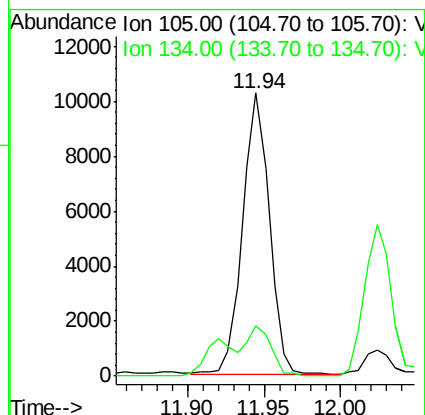
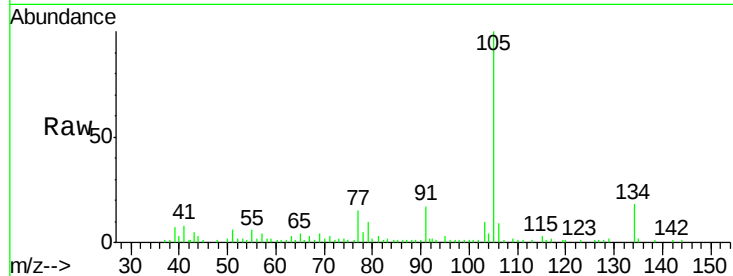




#85
 sec-Butylbenzene
 Concen: 1.162 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

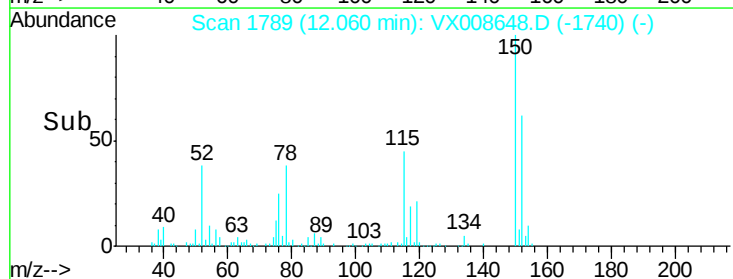
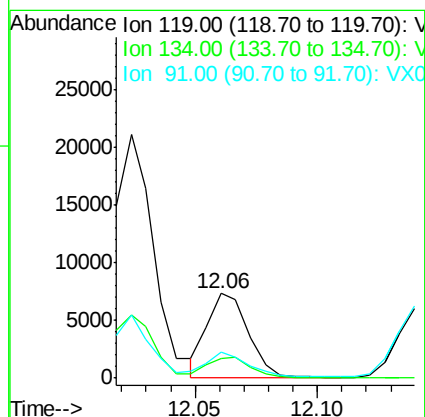
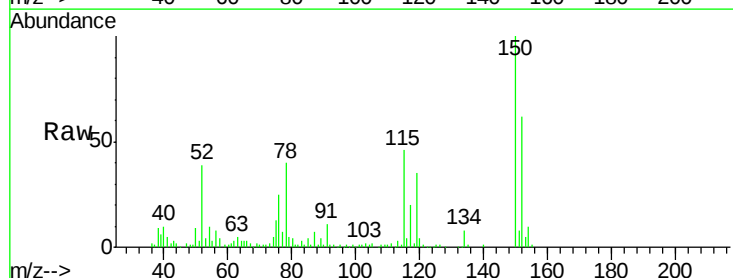
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0713

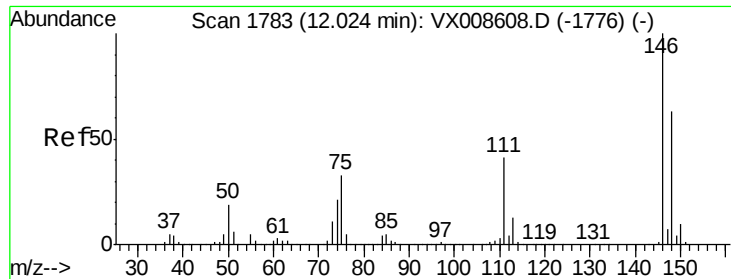
Tgt Ion:105 Resp: 12383
 Ion Ratio Lower Upper
 105 100
 134 16.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 0.907 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

Tgt Ion:119 Resp: 8675
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 30.3 12.2 36.6

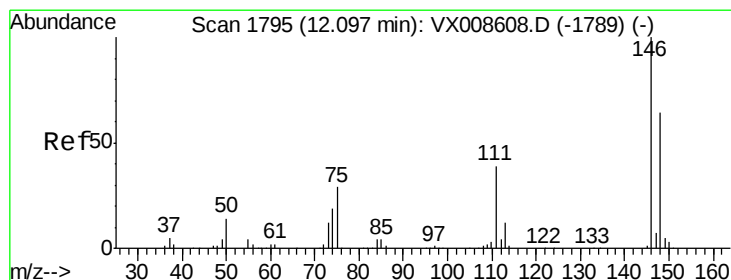
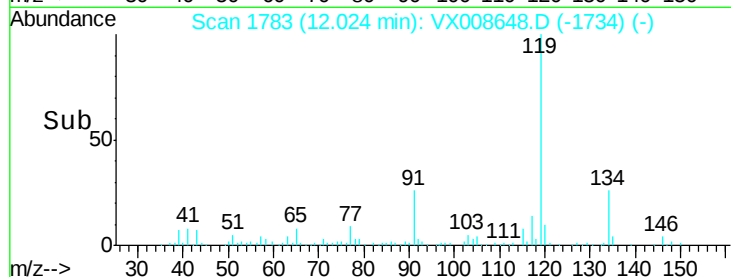
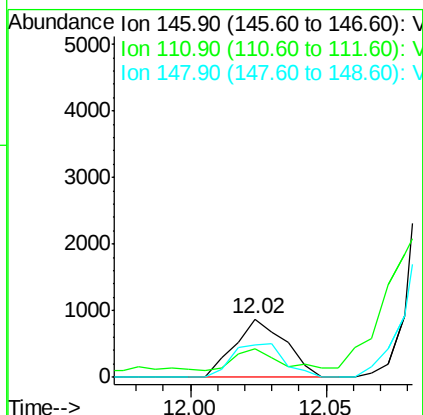
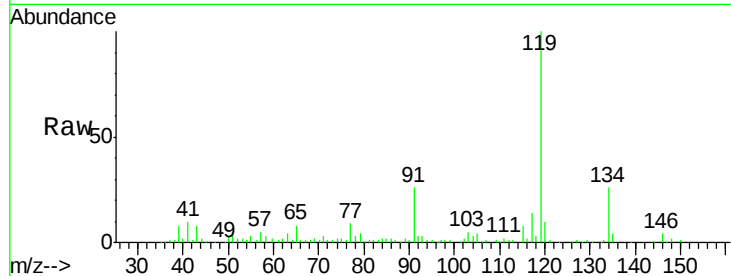




#87
 1,3-Dichlorobenzene
 Concen: 0.235 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

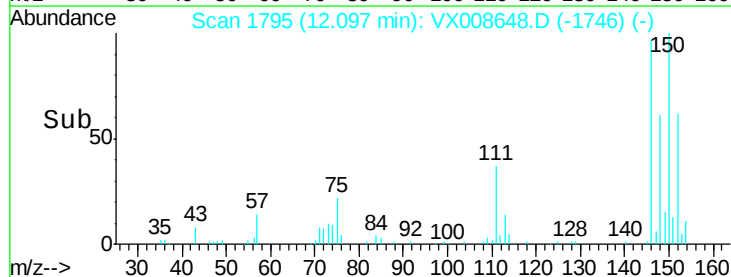
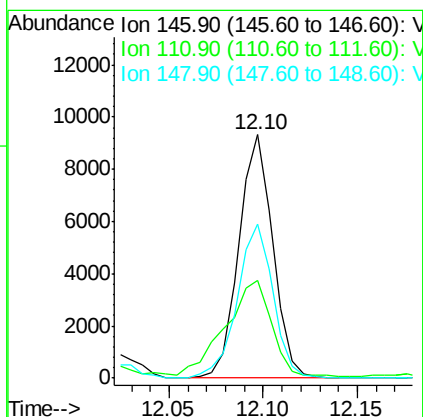
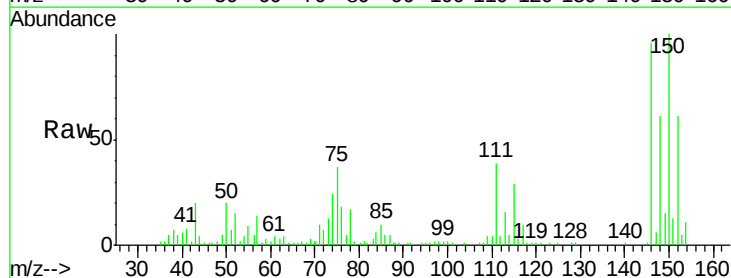
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0713

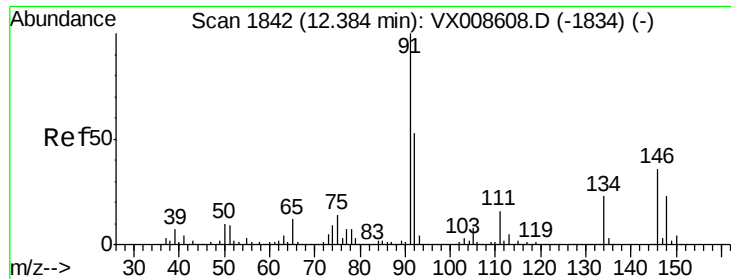
Tgt Ion:146 Resp: 1125
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.5 61.5
 148 60.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 2.401 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

Tgt Ion:146 Resp: 11622
 Ion Ratio Lower Upper
 146 100
 111 53.8 20.2 60.6
 148 66.9 32.0 96.0

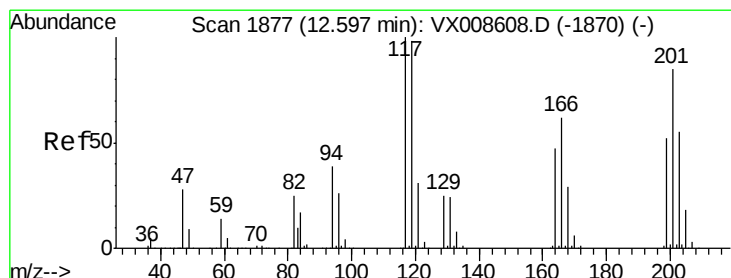
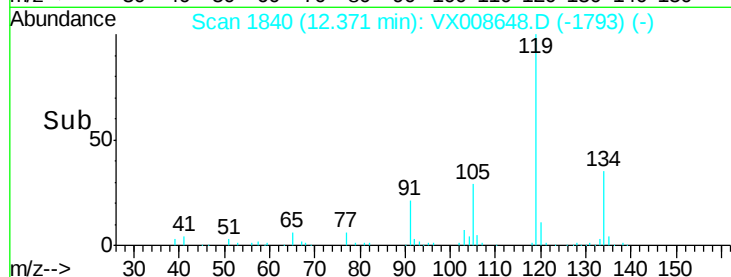
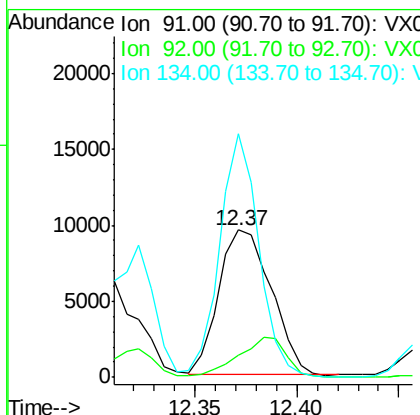
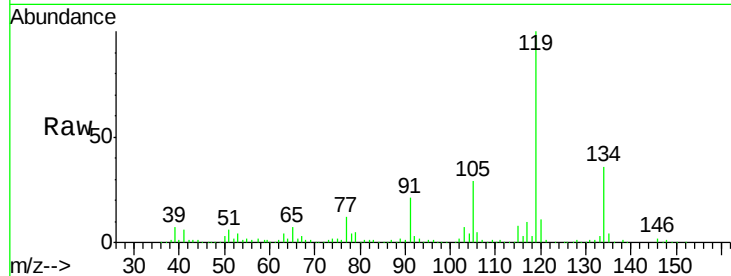




#89
n-Butylbenzene
Concen: 1.912 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

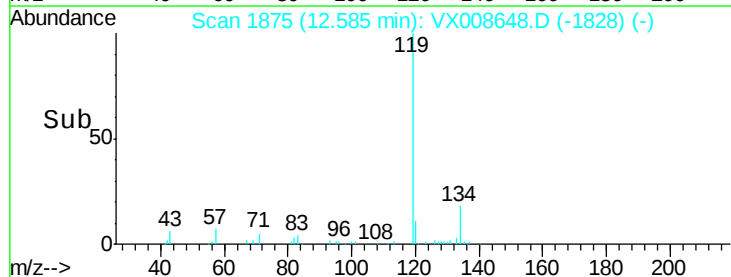
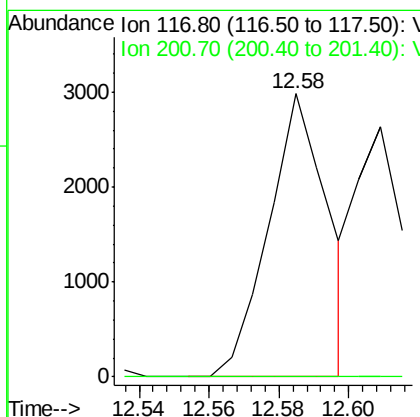
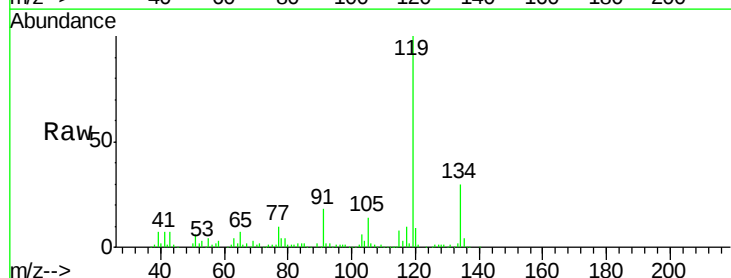
Instrument :
MSVOA_X
ClientSampled :
S8-0713

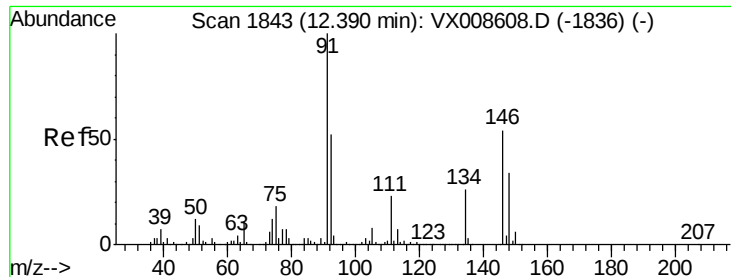
Tgt Ion: 91 Resp: 17147
Ion Ratio Lower Upper
91 100
92 25.6 26.4 79.2#
134 124.6 12.0 36.0#



#90
Hexachloroethane
Concen: 2.196 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Tgt Ion: 117 Resp: 3483
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

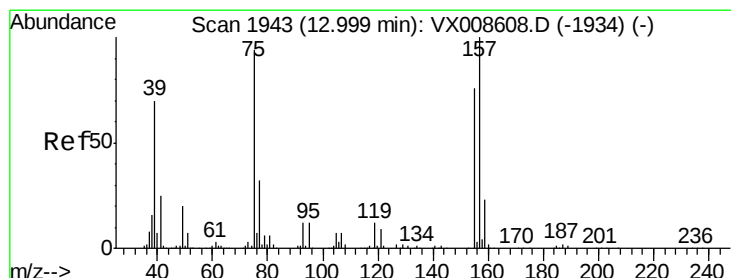
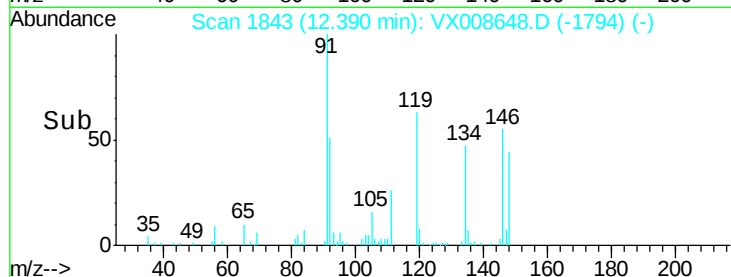
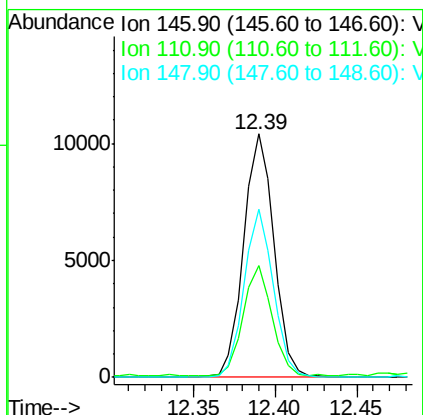
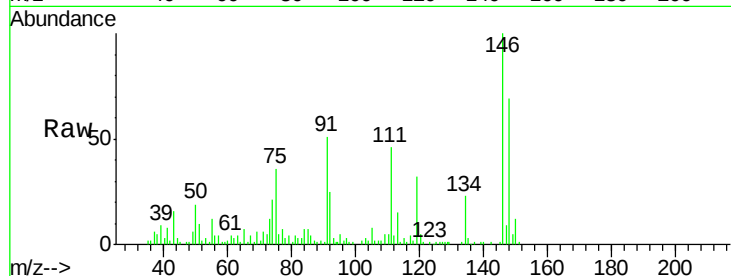




#91
 1,2-Dichlorobenzene
 Concen: 2.840 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

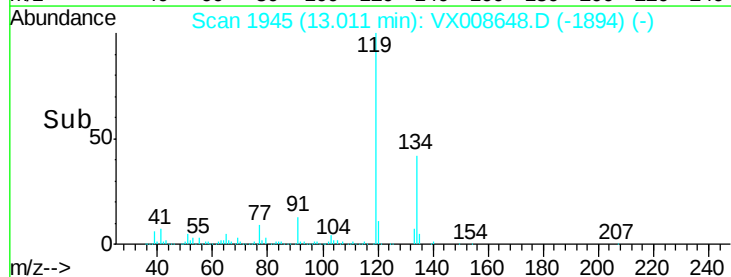
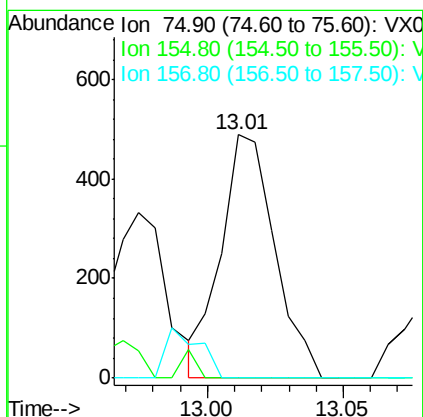
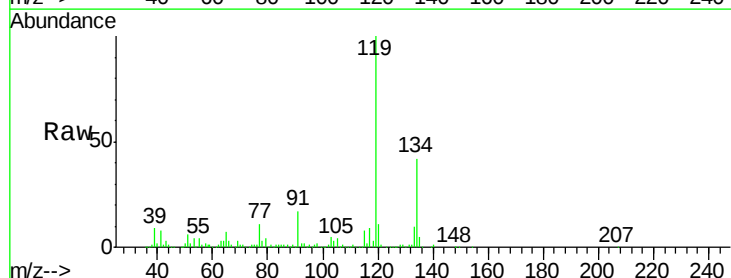
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0713

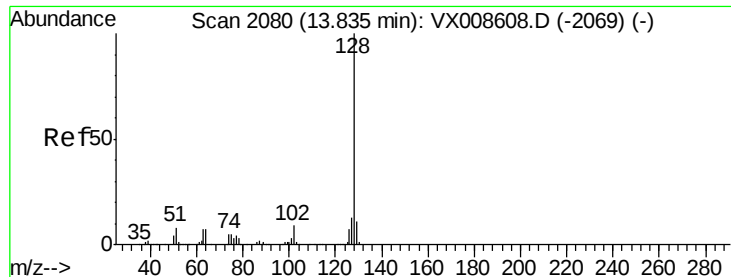
Tgt Ion:146 Resp: 13483
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 63.9
 148 66.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.723 ug/l
 RT: 13.01 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VX008648.D
 Acq: 04 Apr 2019 20:00

Tgt Ion: 75 Resp: 672
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.9 119.6#
 157 0.0 51.5 154.7#

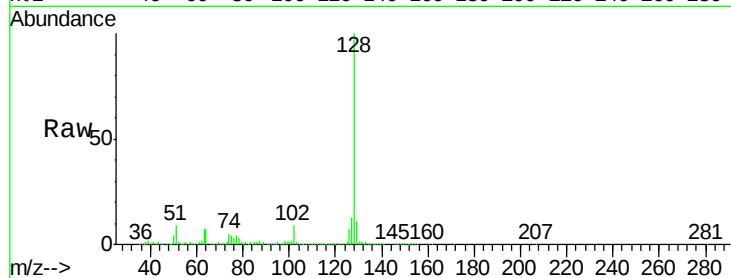




#95
Naphthalene
Concen: 20.980 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008648.D
Acq: 04 Apr 2019 20:00

Instrument :
MSVOA_X
ClientSampleId :
S8-0713

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.2	8.6	13.0



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

