

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
 Data File : VX008647.D
 Acq On : 04 Apr 2019 19:37
 Operator : JC/SP
 Sample : K2275-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711

Quant Time: Apr 05 07:10:16 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	219133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135182	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	148690	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.50	113	108770	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.71	98	455401	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.13	95	157413	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	290	Below Cal	#	77
4) Vinyl Chloride	1.40	62	66511	19.506	ug/l	98
5) Bromomethane	1.64	94	404	2.117	ug/l #	63
6) Chloroethane	1.73	64	268	Below Cal	#	55
10) Methyl Iodide	2.51	142	106	4.047	ug/l #	66
11) Tert butyl alcohol	3.04	59	15194	20.306	ug/l #	72
13) Acrolein	2.26	56	178	0.480	ug/l #	1
14) Allyl chloride	2.84	41	35119	6.056	ug/l #	67
15) Acrylonitrile	3.17	53	2514	1.268	ug/l #	39
16) Acetone	2.44	43	4967	2.698	ug/l	97
17) Carbon Disulfide	2.57	76	873	Below Cal	#	77
18) Methyl Acetate	2.84	43	92104	20.629	ug/l #	56
20) Methylene Chloride	2.86	84	825	0.268	ug/l #	73
21) trans-1,2-Dichloroethene	3.17	96	24837	9.064	ug/l	92
25) 2-Butanone	4.70	43	694	0.239	ug/l #	29
27) cis-1,2-Dichloroethene	4.60	96	69447	22.043	ug/l	89
28) Bromochloromethane	5.01	49	87	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	786	0.407	ug/l #	52
31) Cyclohexane	5.58	56	277728	50.292	ug/l	98
36) 1,1-Dichloropropene	5.66	75	17816	4.539	ug/l #	51
38) Carbon Tetrachloride	5.66	117	21223	6.533	ug/l #	17
39) Methylcyclohexane	7.46	83	172494	35.575	ug/l	98
40) Benzene	6.14	78	256465	21.933	ug/l	100
42) 1,2-Dichloroethane	6.14	62	2455	0.586	ug/l #	75
43) Isopropyl Acetate	6.45	43	3233	0.394	ug/l #	66
44) Trichloroethene	7.21	130	31172	11.446	ug/l	99
48) Methyl methacrylate	7.73	41	12783	3.079	ug/l #	48
51) 4-Methyl-2-Pentanone	8.66	43	5706	1.080	ug/l #	38
52) Toluene	8.79	92	4047	0.587	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	21329	7.708	ug/l #	17
56) Ethyl methacrylate	9.16	69	5599	1.118	ug/l #	1
59) 2-Hexanone	9.51	43	5396	1.314	ug/l	65
65) Chlorobenzene	10.14	112	5729	0.829	ug/l #	85
67) Ethyl Benzene	10.25	91	2060127	159.861	ug/l	98

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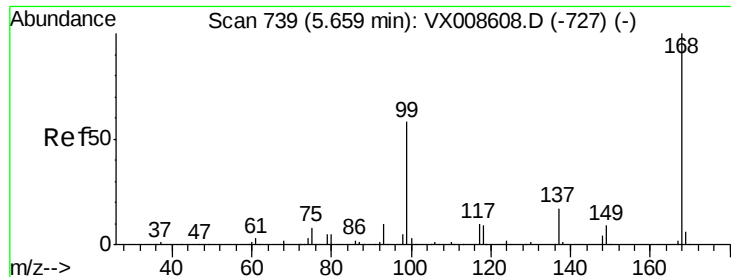
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711

Quant Time: Apr 05 07:10:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
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 Response via : Initial Calibration

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

68) m/p-Xylenes	10.25	106	625427	134.978	ug/l #	24
69) o-Xylene	10.70	106	2801	0.624	ug/l	86
73) Isopropylbenzene	11.02	105	382293	34.124	ug/l	100
74) N-amy1 acetate	10.94	43	18686	2.835	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.32	83	2748	0.645	ug/l	64
76) 1,2,3-Trichloropropane	11.13	75	78078	21.025	ug/l #	32
78) n-propylbenzene	11.36	91	284570	21.816	ug/l	99
79) 2-Chlorotoluene	11.36	91	284570	36.050	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.45	105	17788	1.892	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.02	75	4886	3.627	ug/l #	69
82) 4-Chlorotoluene	11.66	91	20413	2.234	ug/l #	47
83) tert-Butylbenzene	11.77	119	6866	0.759	ug/l	85
84) 1,2,4-Trimethylbenzene	11.80	105	26653	2.799	ug/l	100
85) sec-Butylbenzene	11.94	105	55865	5.198	ug/l #	79
86) p-Isopropyltoluene	12.02	119	3107	0.322	ug/l	91
89) n-Butylbenzene	12.38	91	20373	2.252	ug/l #	69
90) Hexachloroethane	12.70	117	35202	22.004	ug/l #	9
91) 1,2-Dichlorobenzene	12.39	146	1185	0.248	ug/l #	80
92) 1,2-Dibromo-3-Chloropropan	13.22	75	452	0.482	ug/l	71
95) Naphthalene	13.83	128	36284	3.262	ug/l #	88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

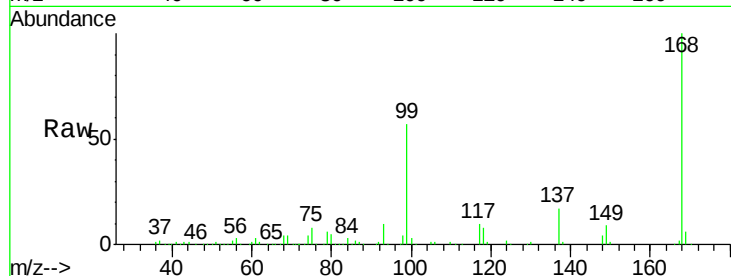
S8-0711

Tgt Ion:168 Resp: 219133

Ion Ratio Lower Upper

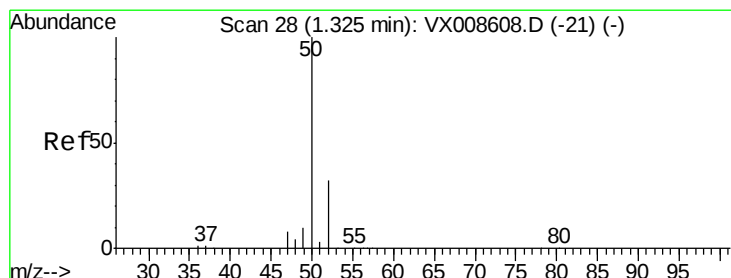
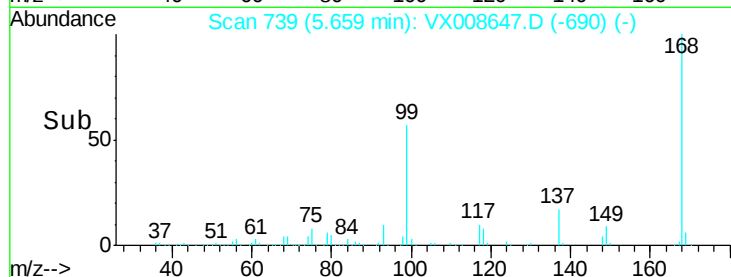
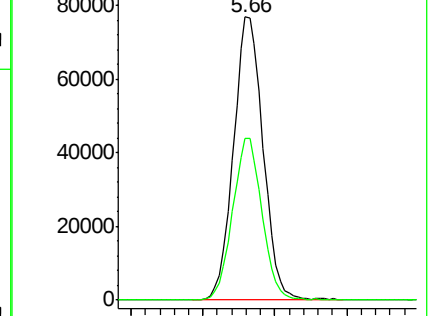
168 100

99 57.2 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: VX008647.D

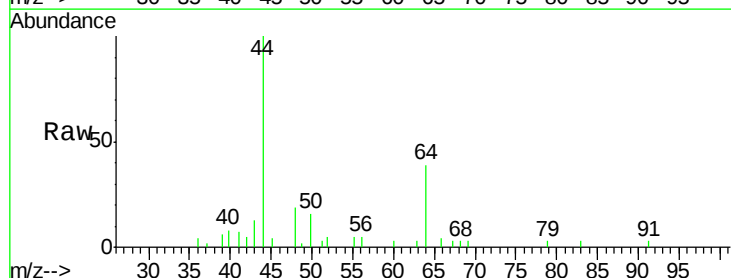
Acq: 04 Apr 2019 19:37

Tgt Ion: 50 Resp: 290

Ion Ratio Lower Upper

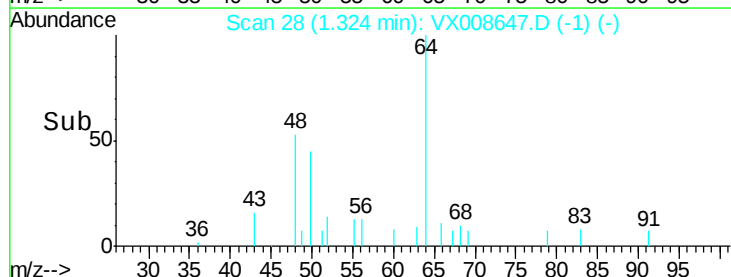
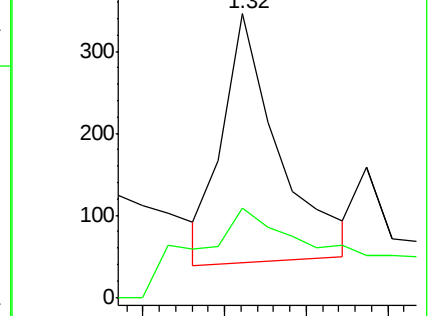
50 100

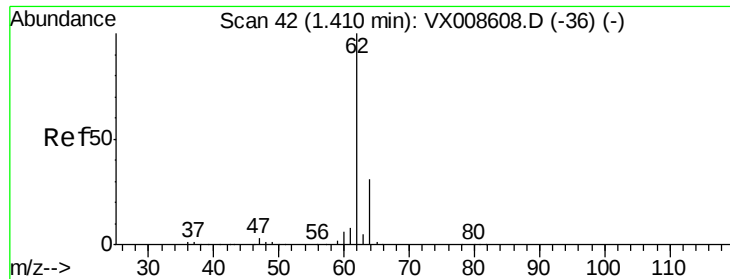
52 19.6 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 19.506 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

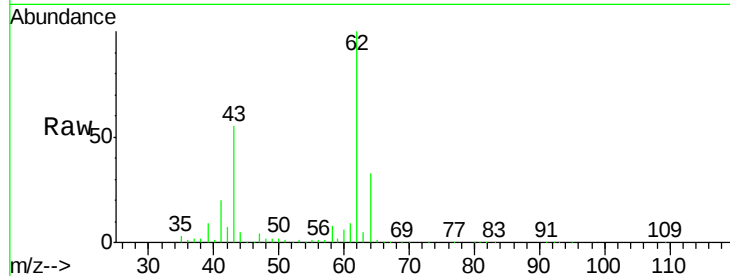
S8-0711

Tgt Ion: 62 Resp: 66511

Ion Ratio Lower Upper

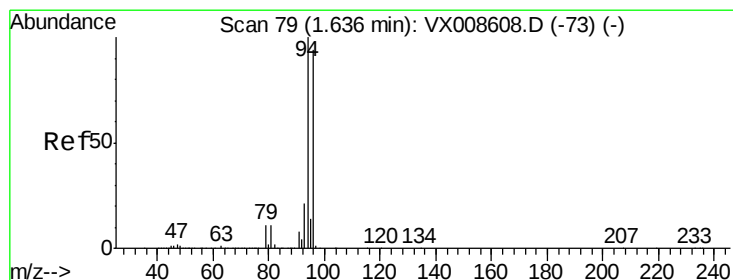
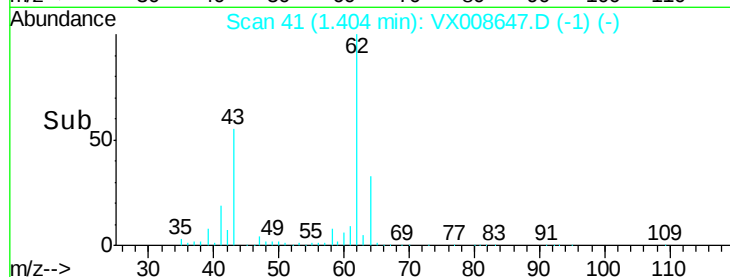
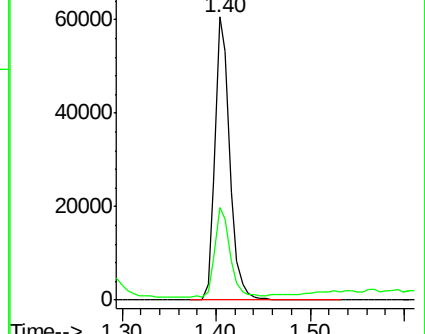
62 100

64 31.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 2.117 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008647.D

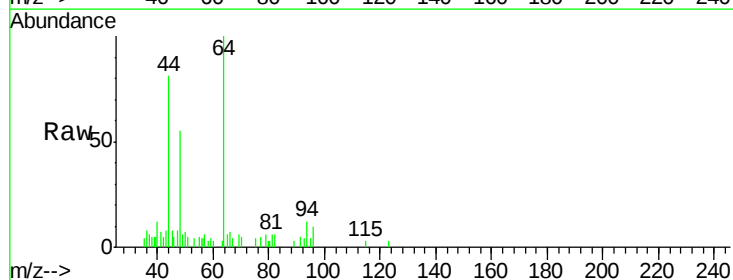
Acq: 04 Apr 2019 19:37

Tgt Ion: 94 Resp: 404

Ion Ratio Lower Upper

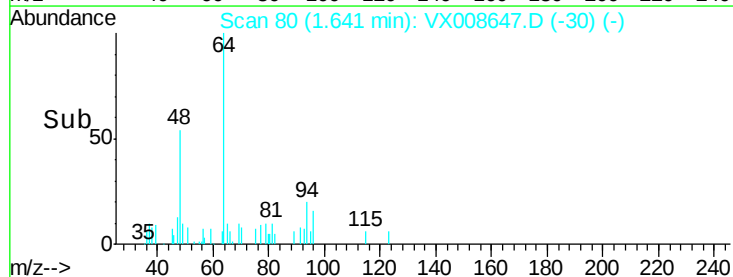
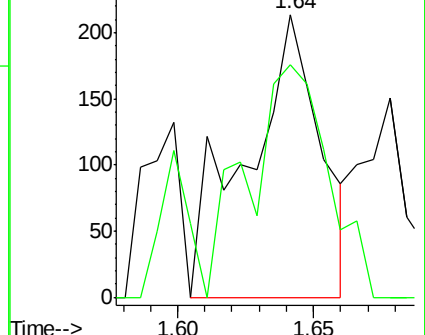
94 100

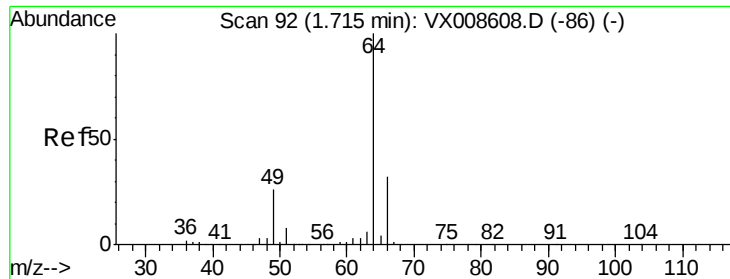
96 58.4 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

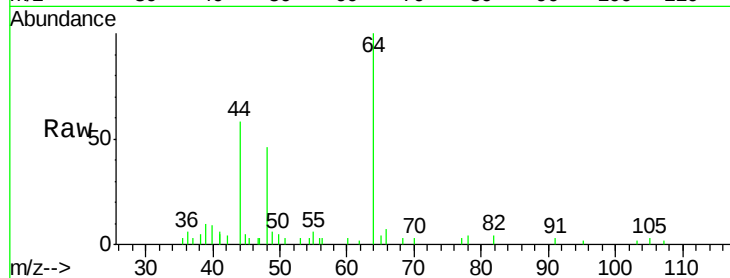
S8-0711

Tgt Ion: 64 Resp: 268

Ion Ratio Lower Upper

64 100

66 6.5 25.4 38.0#

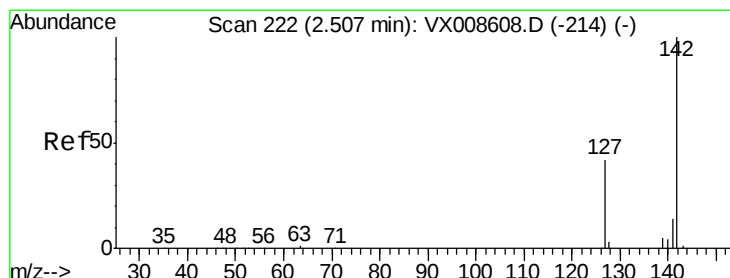
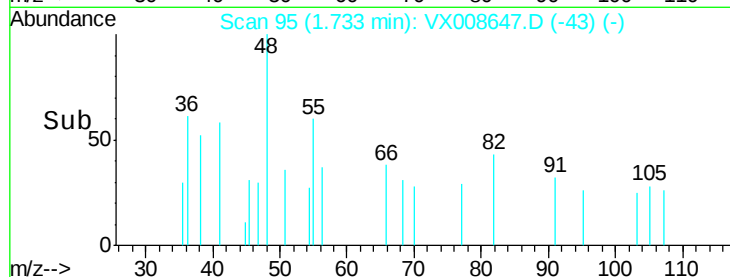


Abundance Ion 63.90 (63.60 to 64.60): VX008608.D

Ion 65.90 (65.60 to 66.60): VX008608.D

1.73

Time-->



#10

Methyl Iodide

Concen: 4.047 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

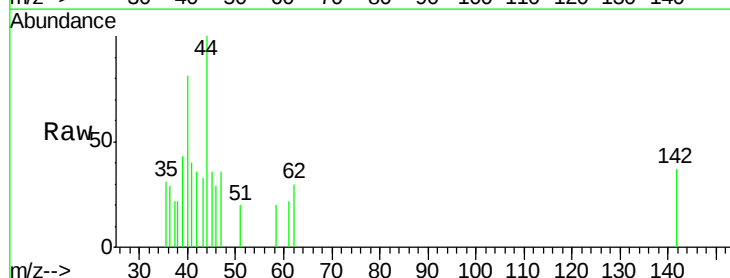
Tgt Ion: 142 Resp: 106

Ion Ratio Lower Upper

142 100

127 19.8 33.0 49.6#

141 0.0 11.4 17.2#



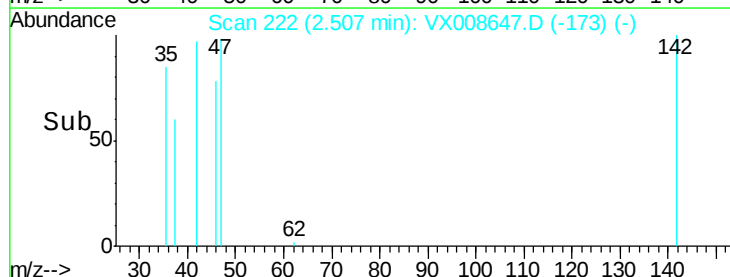
Abundance Ion 141.80 (141.50 to 142.50): VX008608.D

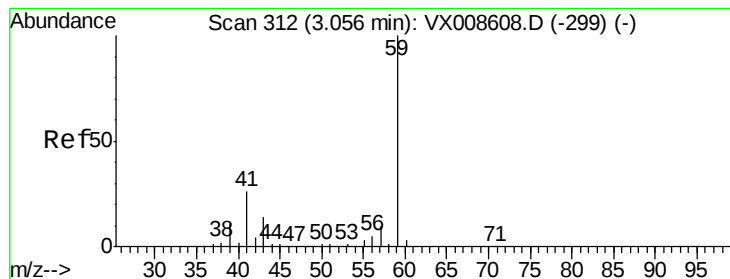
Ion 126.80 (126.50 to 127.50): VX008608.D

Ion 140.80 (140.50 to 141.50): VX008608.D

2.51

Time-->



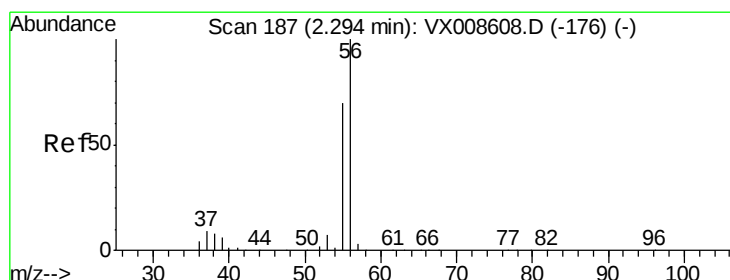
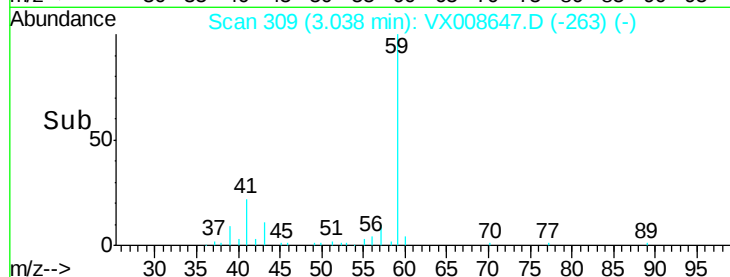
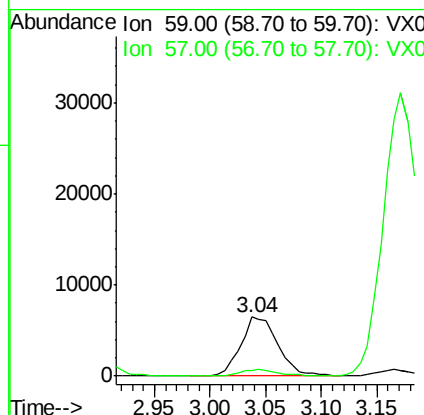
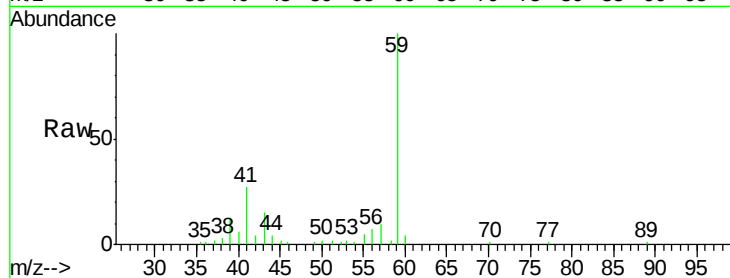


#11

Tert butyl alcohol
 Concen: 20.306 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711

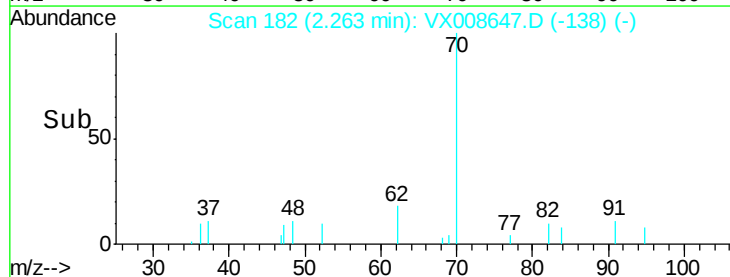
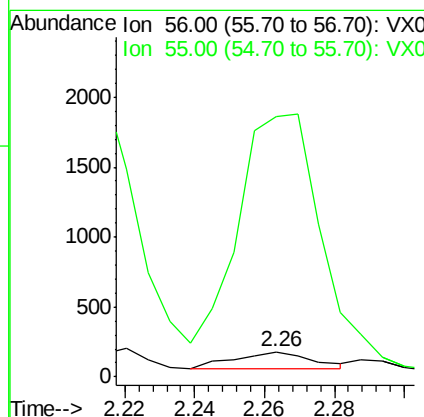
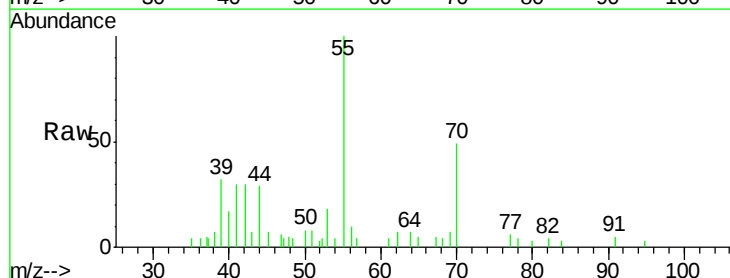
Tgt Ion: 59 Resp: 15194
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

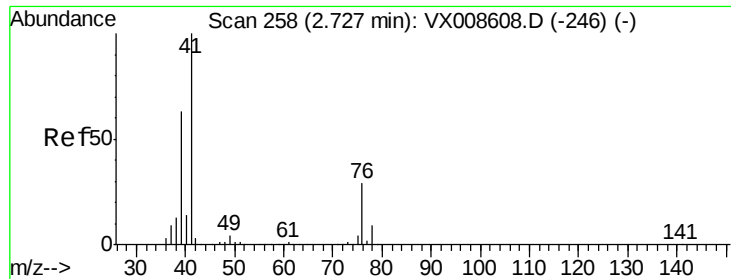


#13

Acrolein
 Concen: 0.480 ug/l
 RT: 2.26 min Scan# 182
 Delta R.T. -0.03 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Tgt Ion: 56 Resp: 178
 Ion Ratio Lower Upper
 56 100
 55 1719.1 58.0 87.0#





#14

Allyl chloride

Concen: 6.056 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

S8-0711

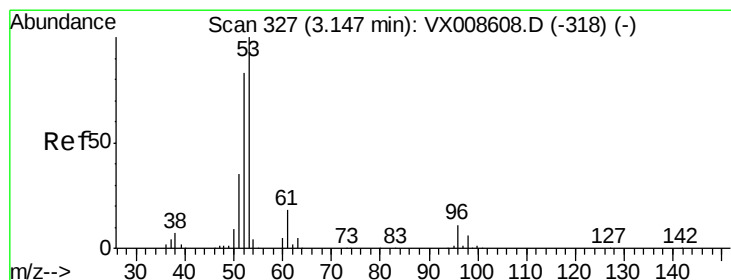
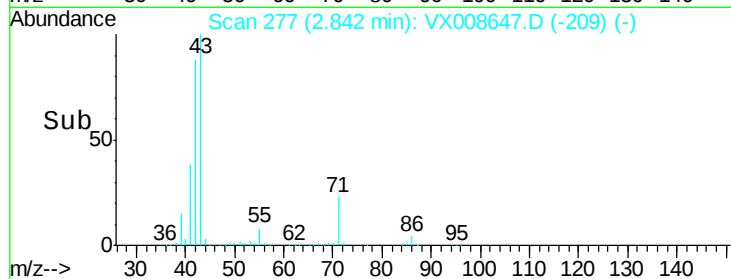
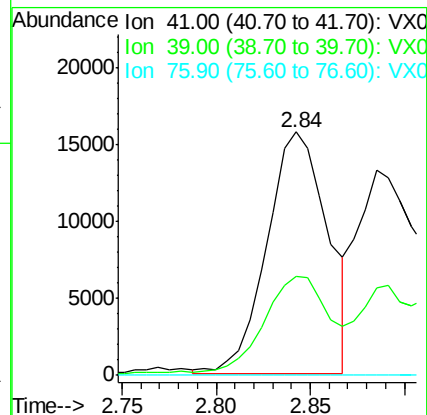
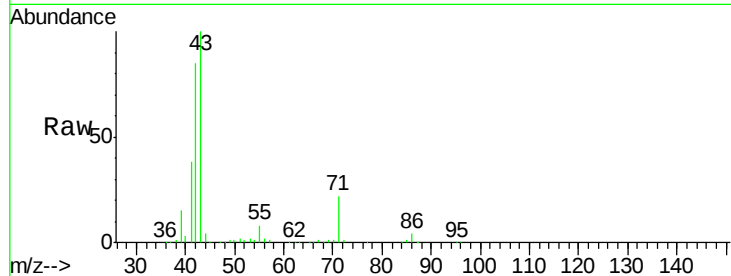
Tgt Ion: 41 Resp: 35119

Ion Ratio Lower Upper

41 100

39 41.9 48.0 72.0#

76 0.0 22.0 33.0#



#15

Acrylonitrile

Concen: 1.268 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

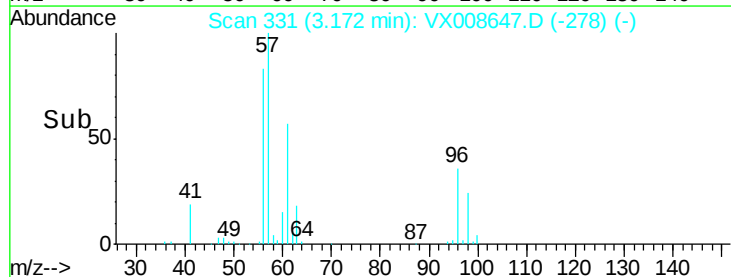
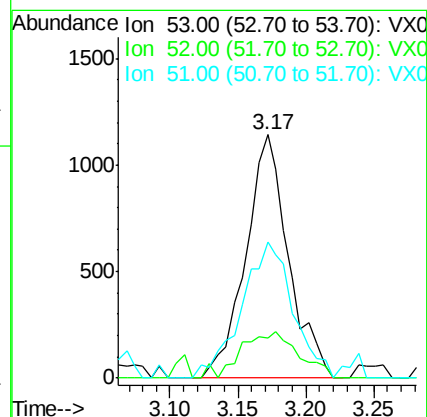
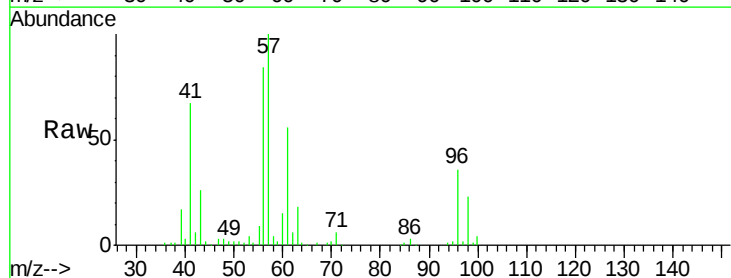
Tgt Ion: 53 Resp: 2514

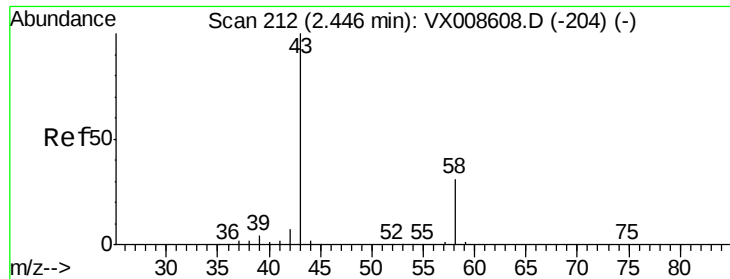
Ion Ratio Lower Upper

53 100

52 25.7 66.5 99.7#

51 67.1 28.6 42.8#





#16

Acetone

Concen: 2.698 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

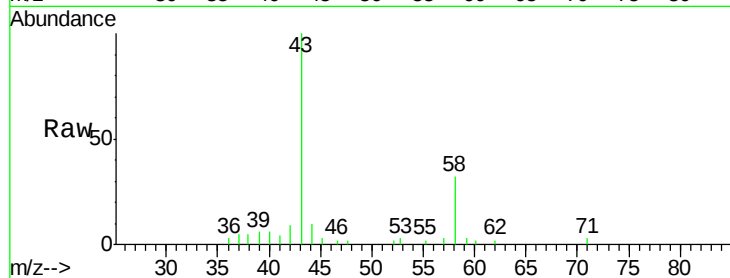
S8-0711

Tgt Ion: 43 Resp: 4967

Ion Ratio Lower Upper

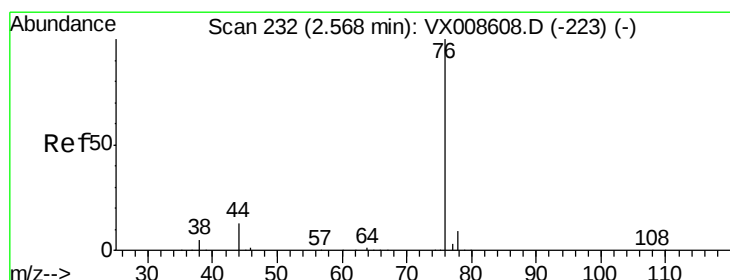
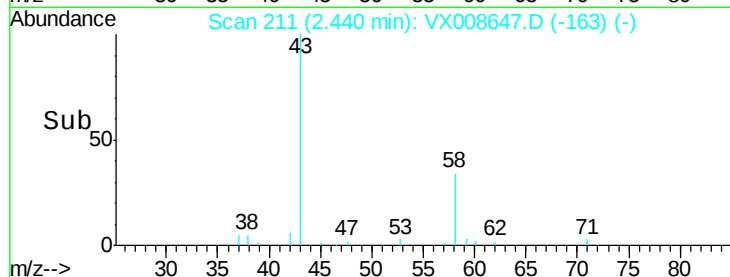
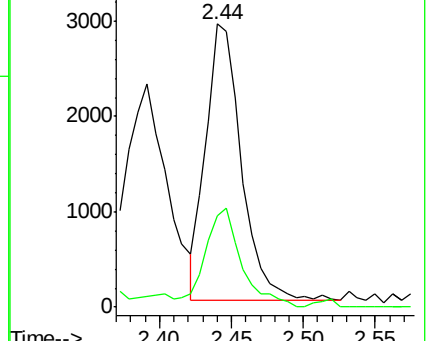
43 100

58 32.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008647.D

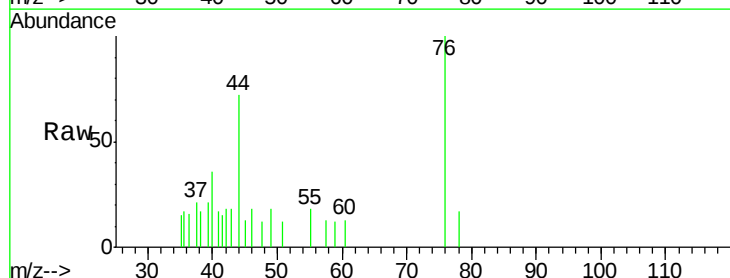
Acq: 04 Apr 2019 19:37

Tgt Ion: 76 Resp: 873

Ion Ratio Lower Upper

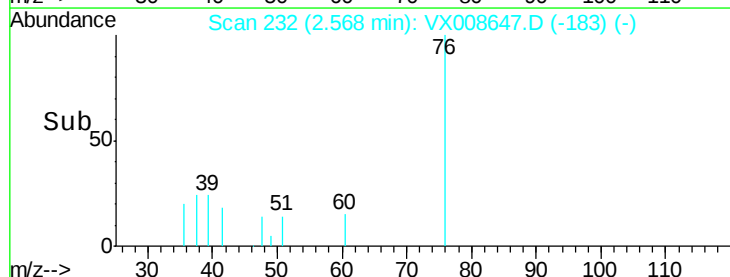
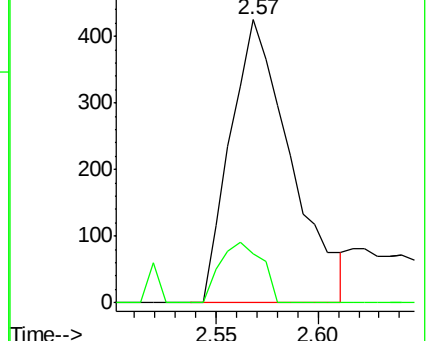
76 100

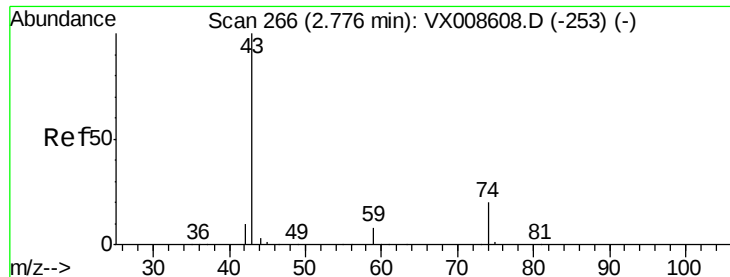
78 17.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

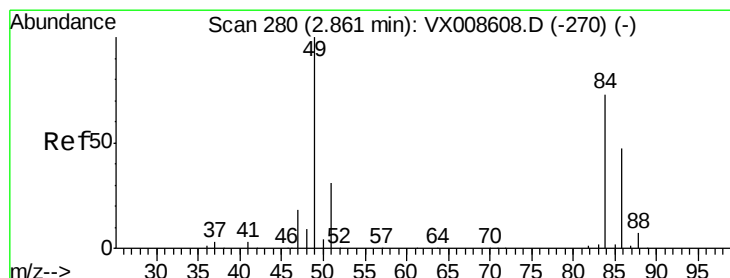
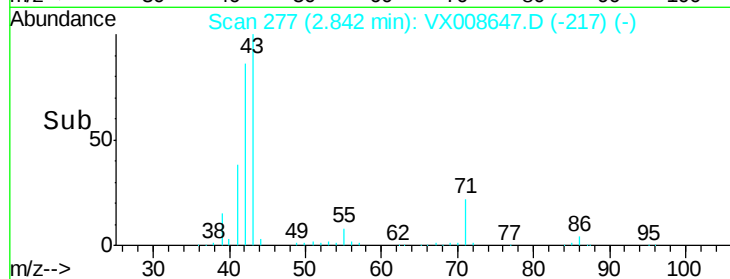
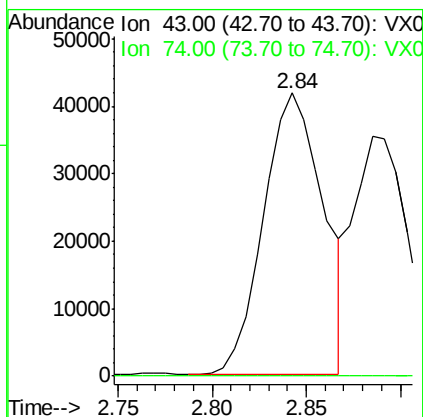
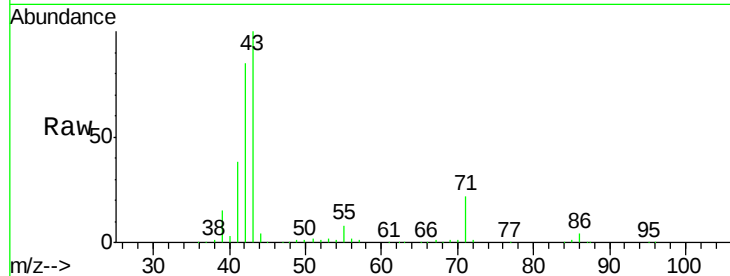




#18
Methyl Acetate
Concen: 20.629 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

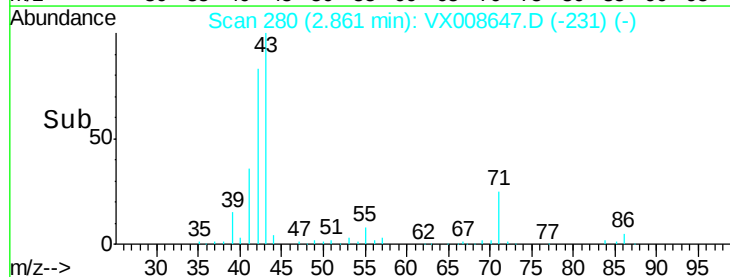
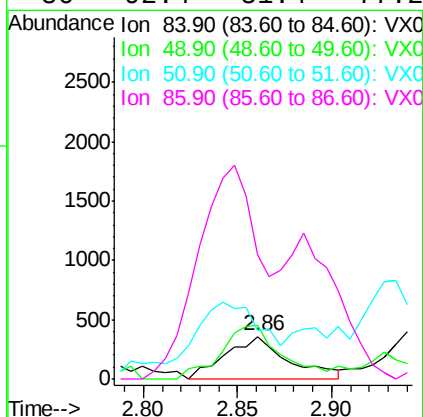
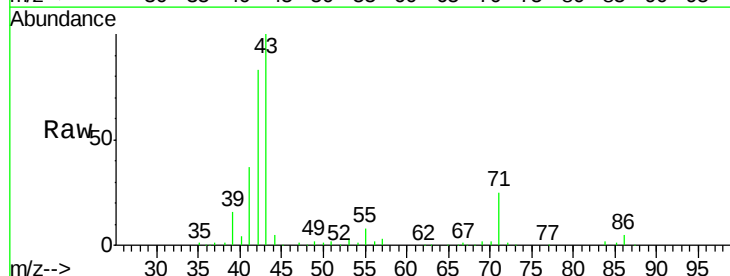
Instrument :
MSVOA_X
ClientSampleId :
S8-0711

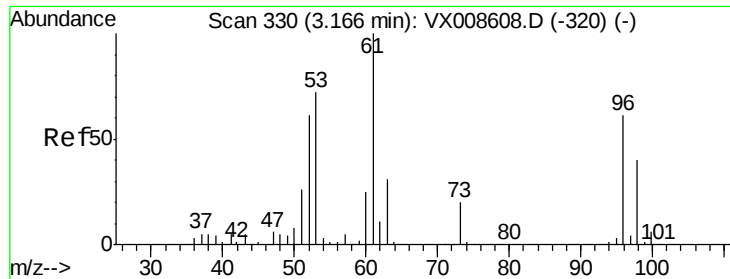
Tgt Ion: 43 Resp: 92104
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

Tgt Ion: 84 Resp: 825
Ion Ratio Lower Upper
84 100
49 102.8 109.7 164.5#
51 35.7 33.6 50.4
86 92.4 51.4 77.2#





#21

trans-1,2-Dichloroethene

Concen: 9.064 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

S8-0711

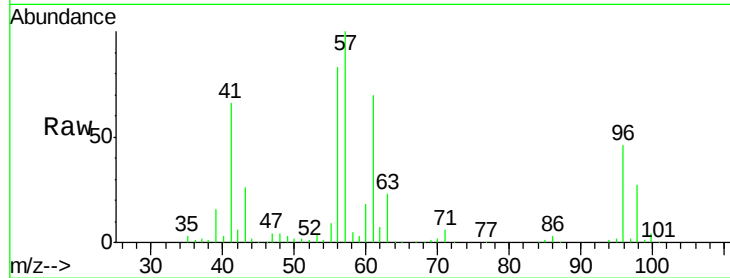
Tgt Ion: 96 Resp: 24837

Ion Ratio Lower Upper

96 100

61 154.3 132.1 198.1

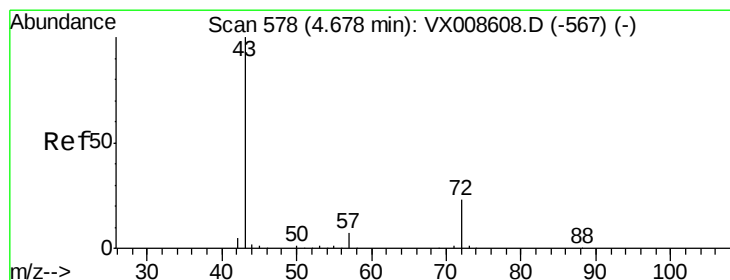
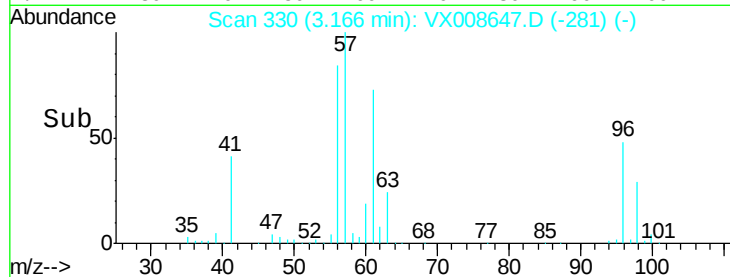
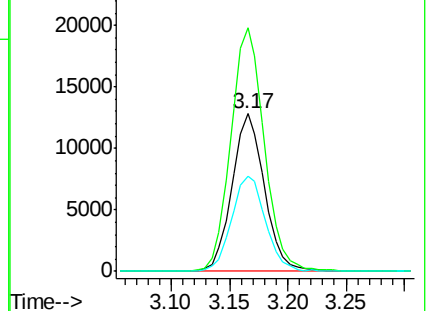
98 59.9 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.239 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX008647.D

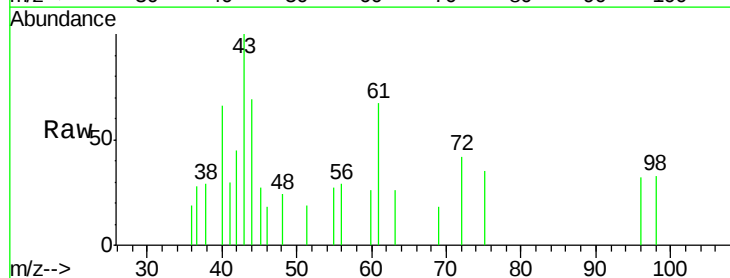
Acq: 04 Apr 2019 19:37

Tgt Ion: 43 Resp: 694

Ion Ratio Lower Upper

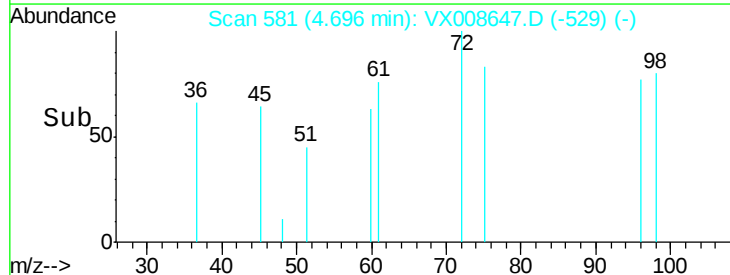
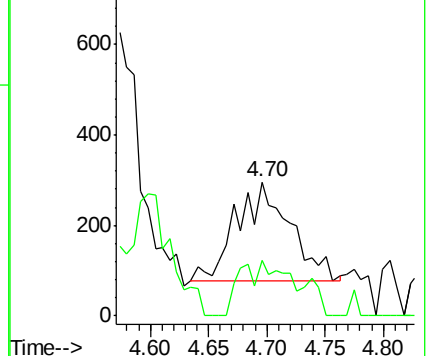
43 100

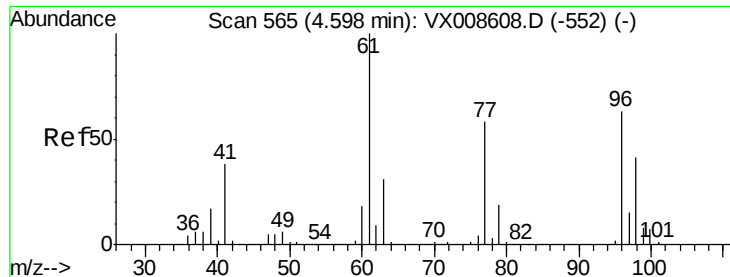
72 56.9 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



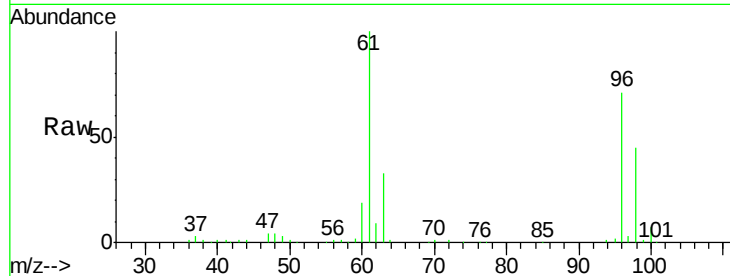


#27

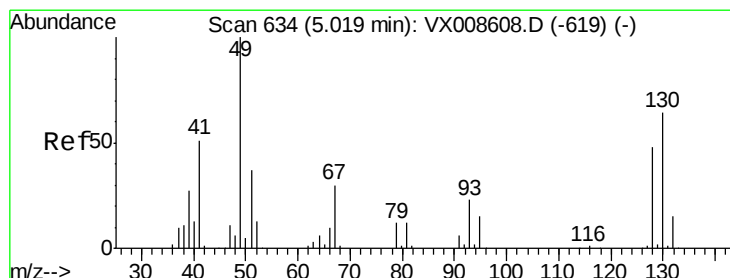
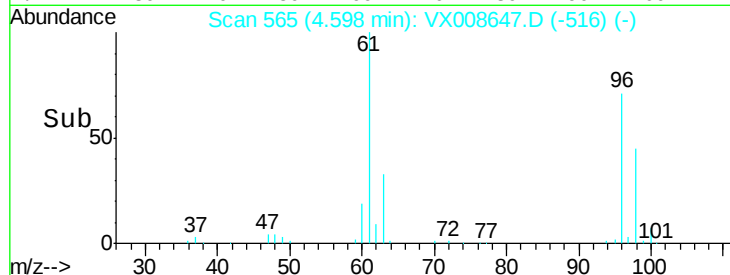
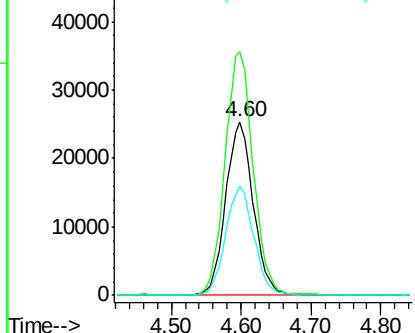
cis-1,2-Dichloroethene
 Concen: 22.043 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711

Tgt Ion: 96 Resp: 69447
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 327.6
 98 63.8 0.0 128.6



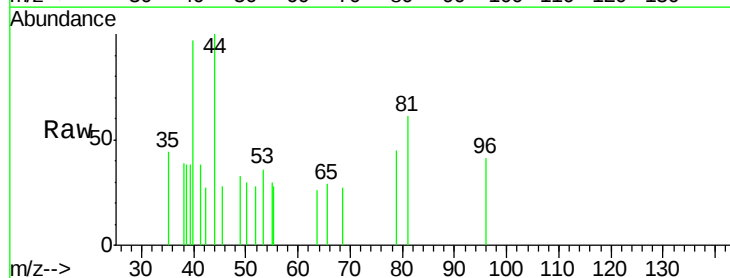
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



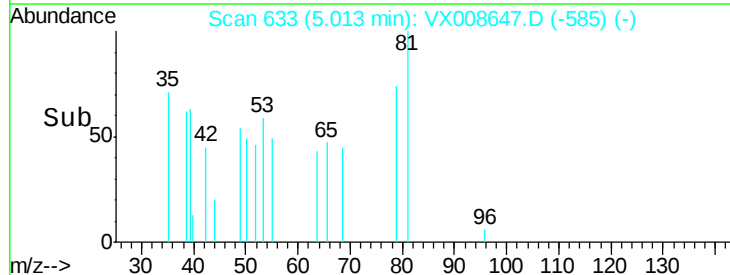
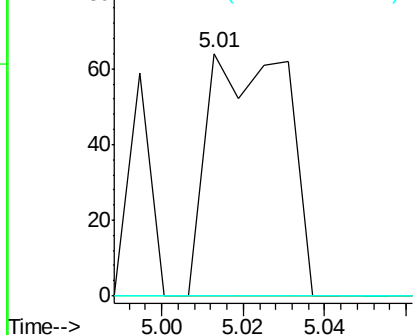
#28

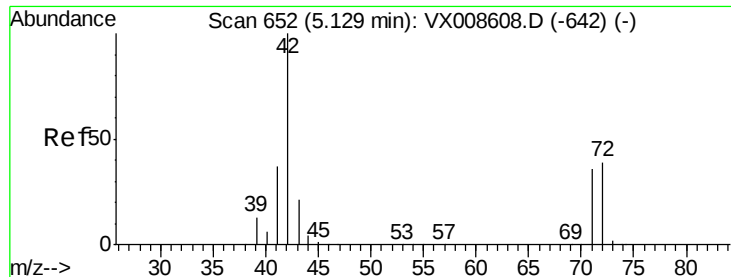
Bromochloromethane
 Concen: Below Cal
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Tgt Ion: 49 Resp: 87
 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

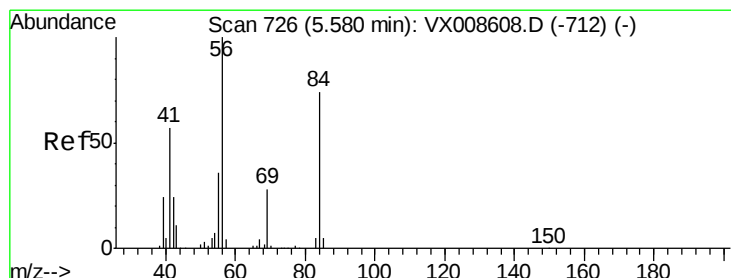
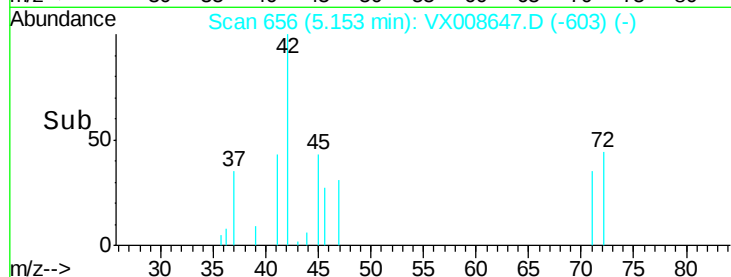
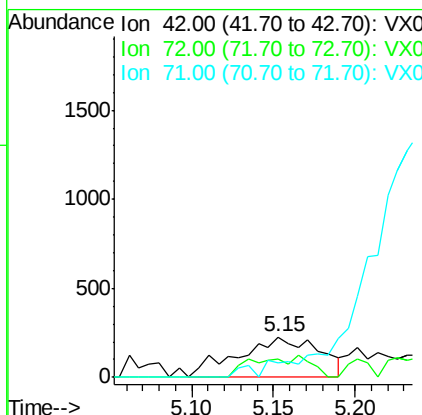
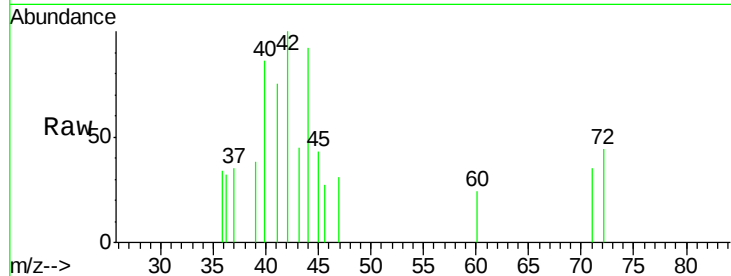




#29
Tetrahydrofuran
Concen: 0.407 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

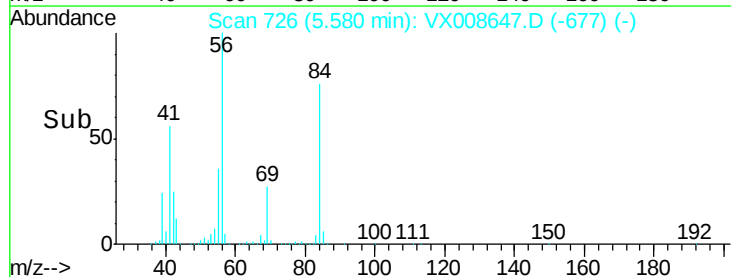
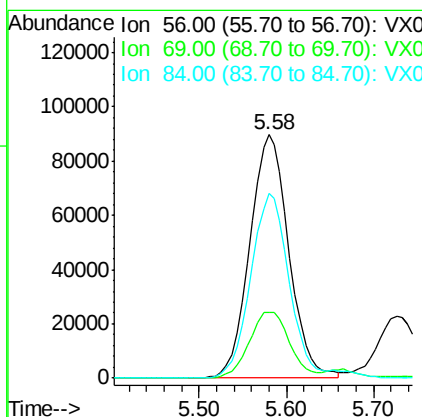
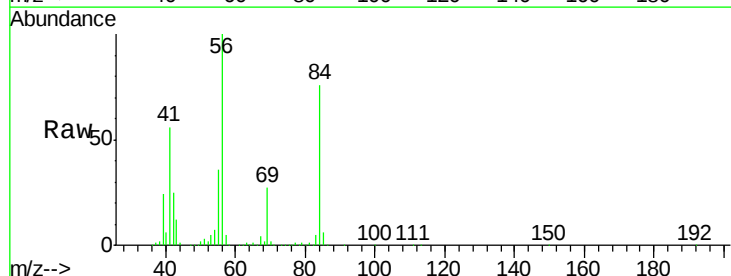
Instrument :
MSVOA_X
ClientSampled :
S8-0711

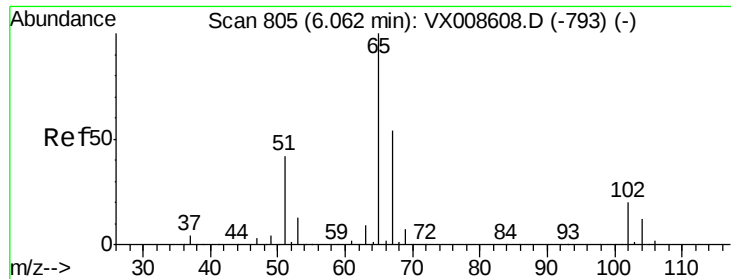
Tgt Ion: 42 Resp: 786
Ion Ratio Lower Upper
42 100
72 16.4 30.5 45.7#
71 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 50.292 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

Tgt Ion: 56 Resp: 277728
Ion Ratio Lower Upper
56 100
69 27.0 22.6 33.8
84 75.9 59.3 88.9

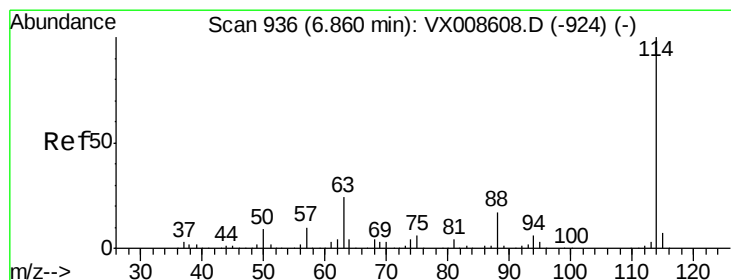
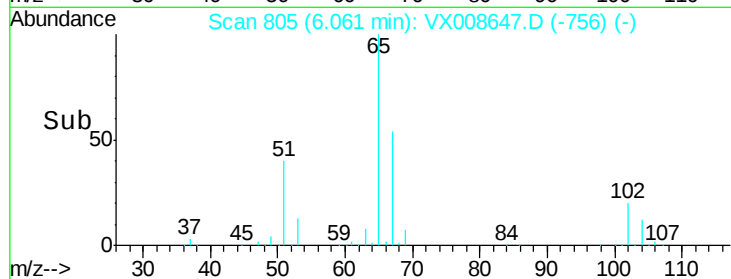
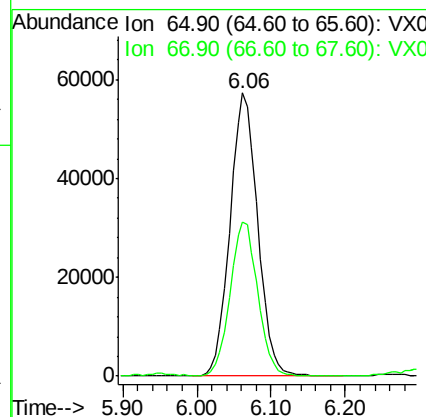
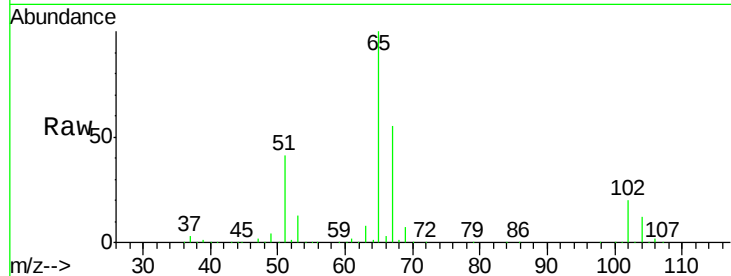




#33
 1,2-Dichloroethane-d4
 Concen: 46.521 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

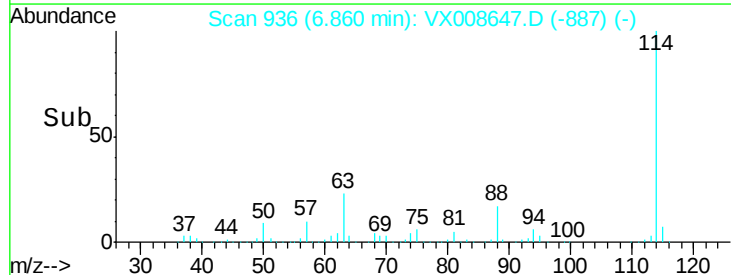
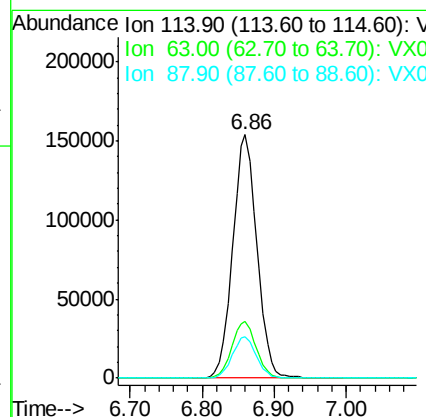
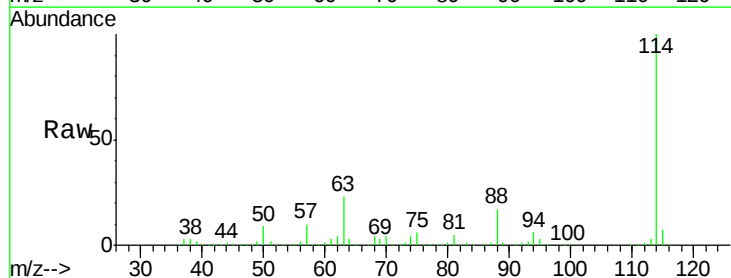
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711

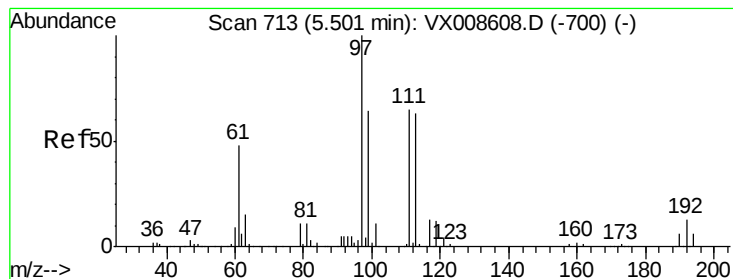
Tgt Ion: 65 Resp: 148690
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Tgt Ion: 114 Resp: 359080
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.377 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

S8-0711

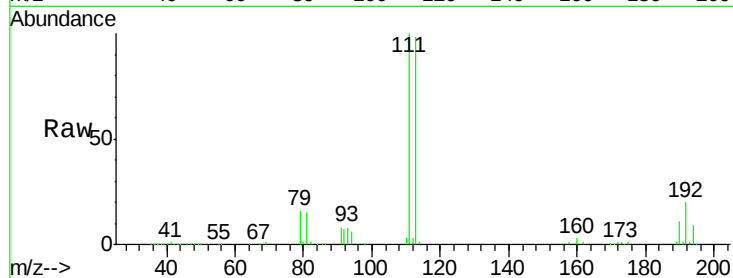
Tgt Ion:113 Resp: 108770

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

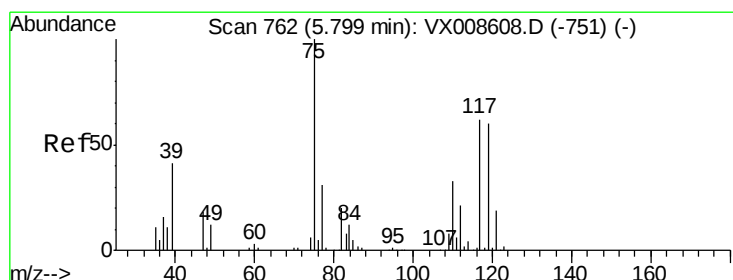
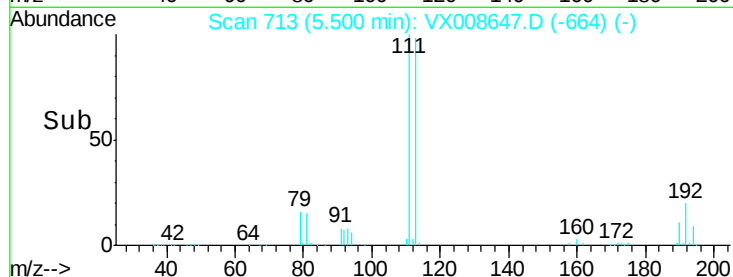
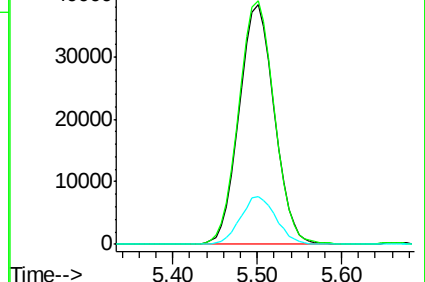
192 20.2 16.1 24.1



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: 4.539 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

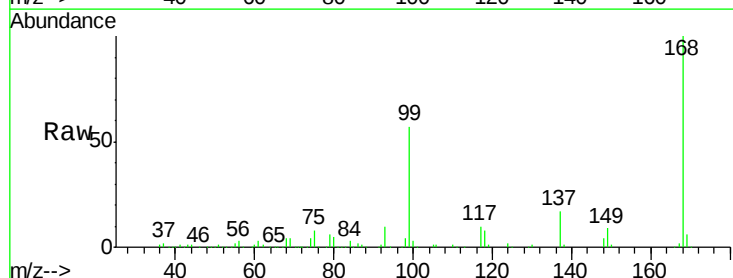
Tgt Ion: 75 Resp: 17816

Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.2#

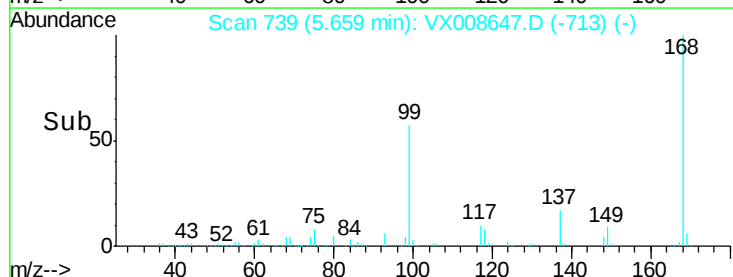
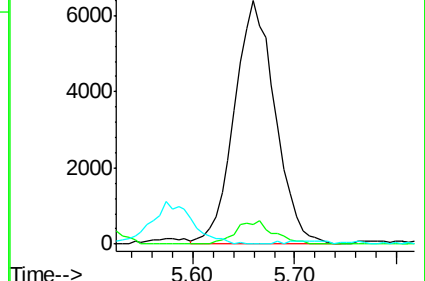
77 0.0 24.7 37.1#

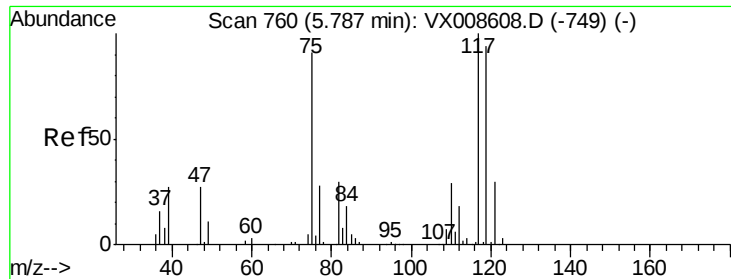


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.533 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

S8-0711

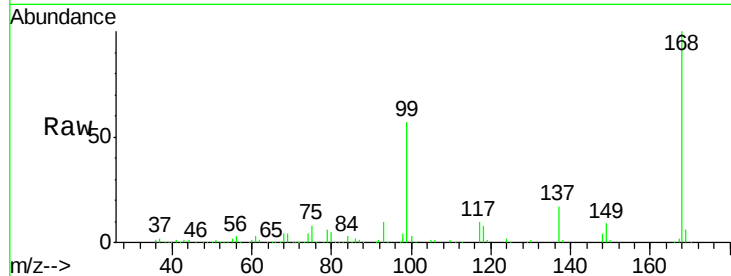
Tgt Ion:117 Resp: 21223

Ion Ratio Lower Upper

117 100

119 5.6 75.0 112.6#

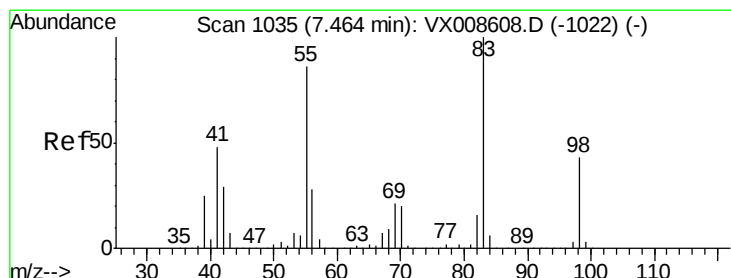
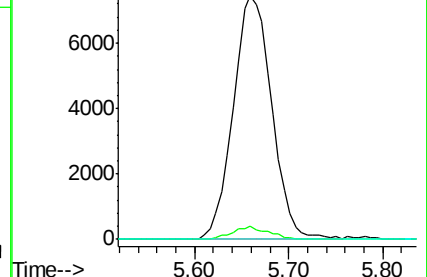
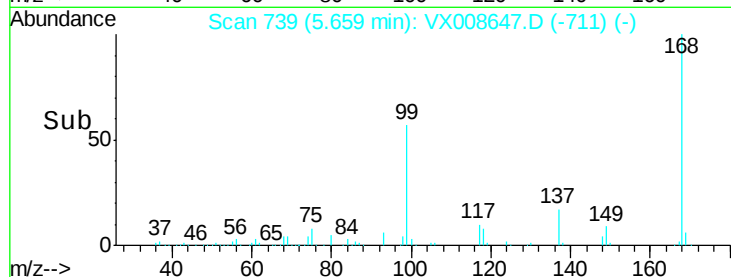
121 0.0 24.3 36.5#



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: 35.575 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

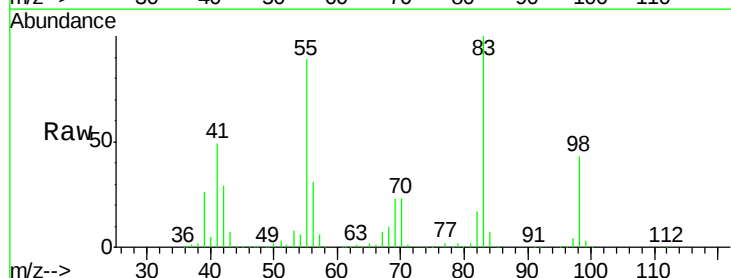
Tgt Ion: 83 Resp: 172494

Ion Ratio Lower Upper

83 100

55 88.6 69.0 103.6

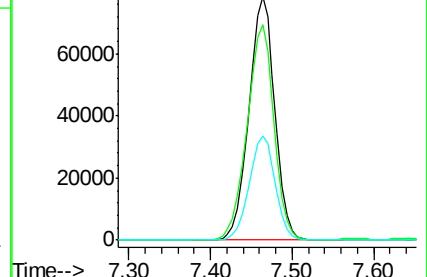
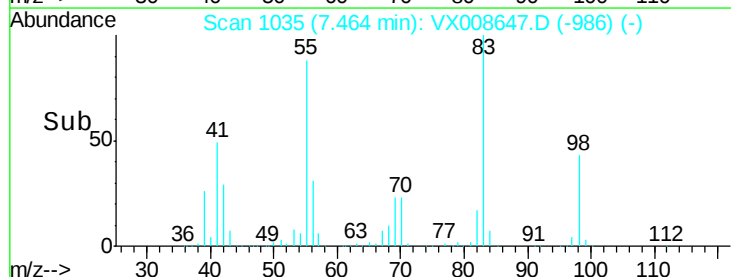
98 42.8 34.4 51.6

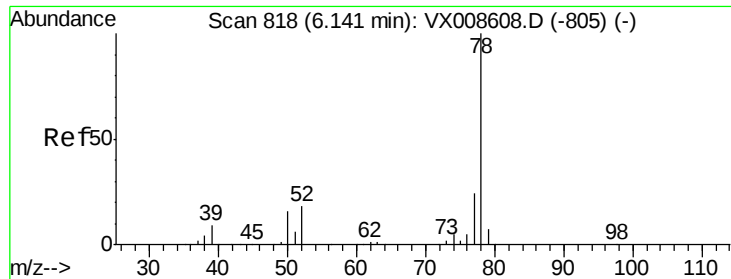


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 21.933 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

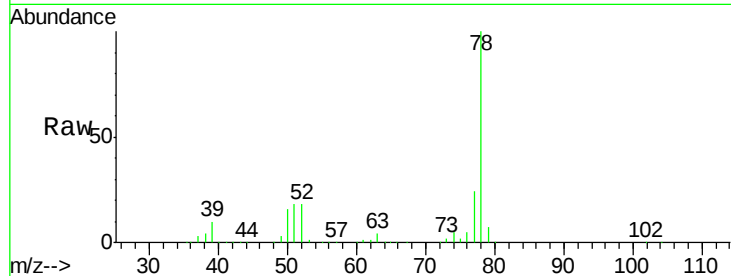
S8-0711

Tgt Ion: 78 Resp: 256465

Ion Ratio Lower Upper

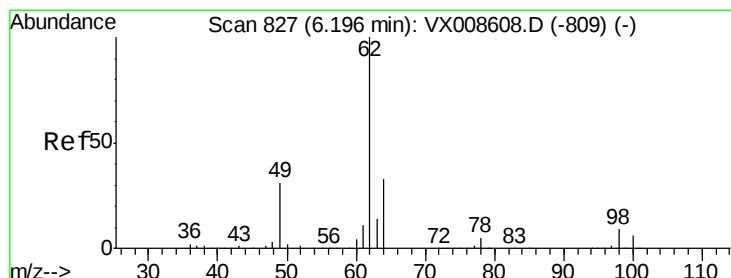
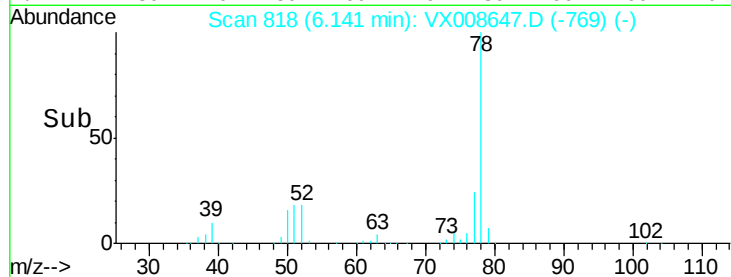
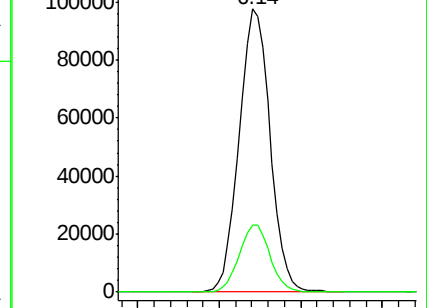
78 100

77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.586 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.06 min

Lab File: VX008647.D

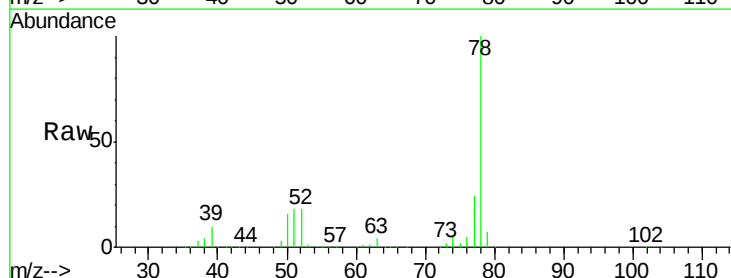
Acq: 04 Apr 2019 19:37

Tgt Ion: 62 Resp: 2455

Ion Ratio Lower Upper

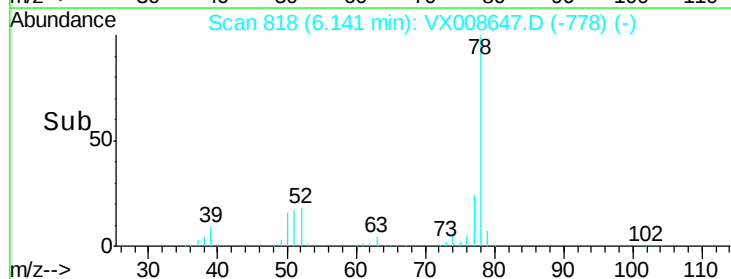
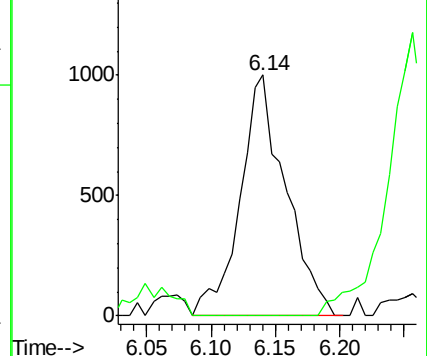
62 100

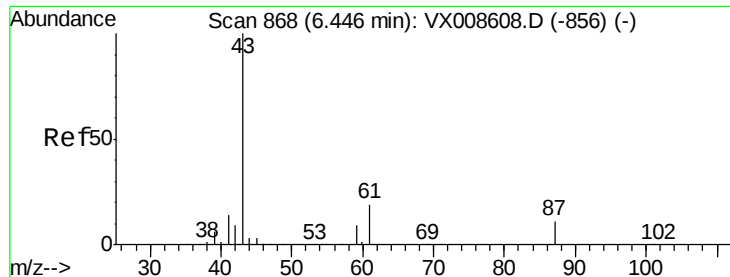
98 0.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.394 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

S8-0711

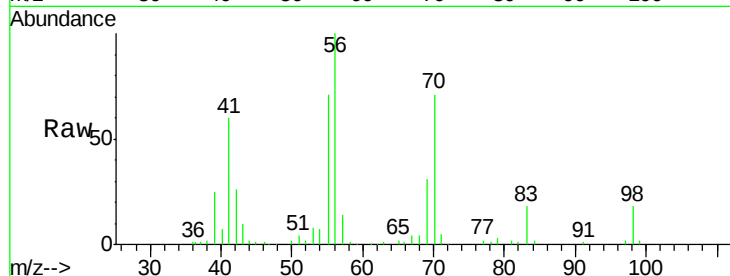
Tgt Ion: 43 Resp: 3233

Ion Ratio Lower Upper

43 100

61 2.3 15.3 22.9#

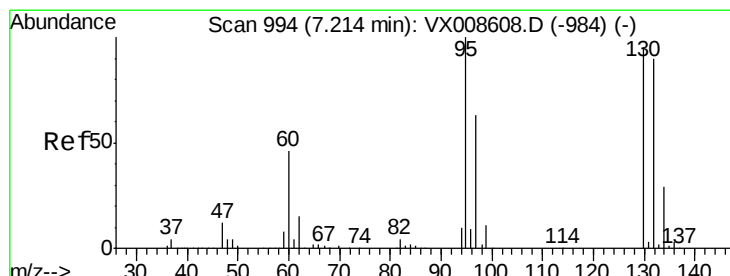
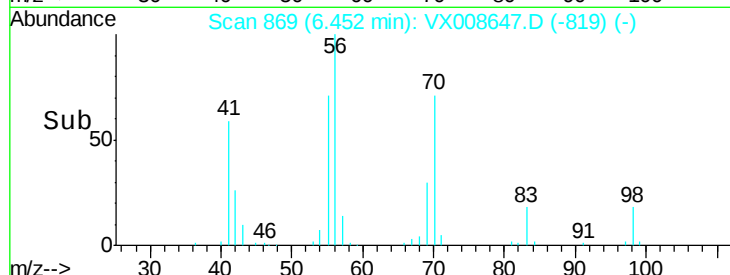
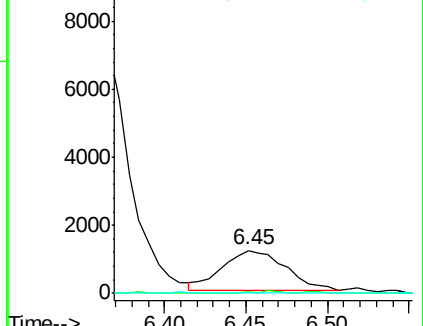
87 0.0 9.0 13.6#



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



#44

Trichloroethene

Concen: 11.446 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008647.D

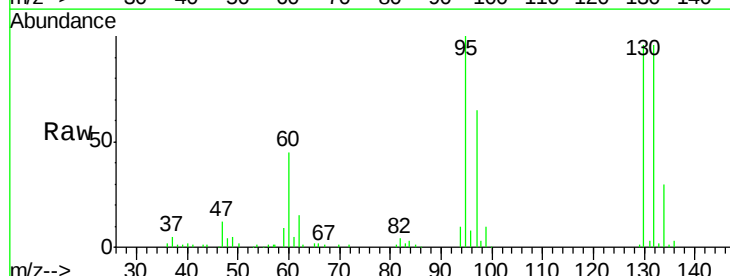
Acq: 04 Apr 2019 19:37

Tgt Ion: 130 Resp: 31172

Ion Ratio Lower Upper

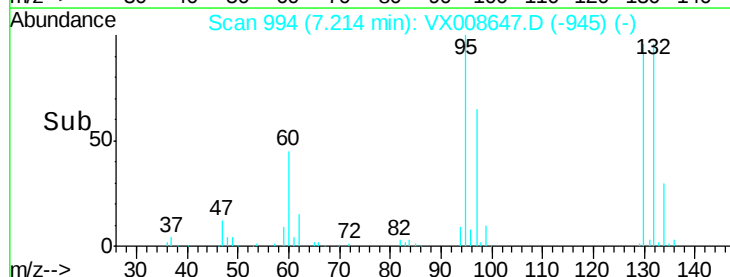
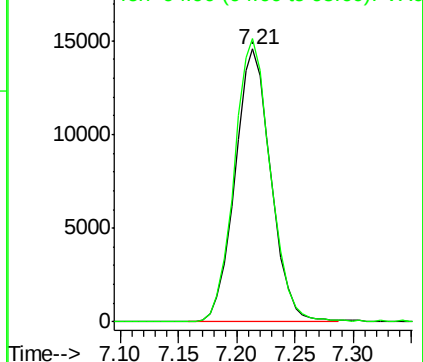
130 100

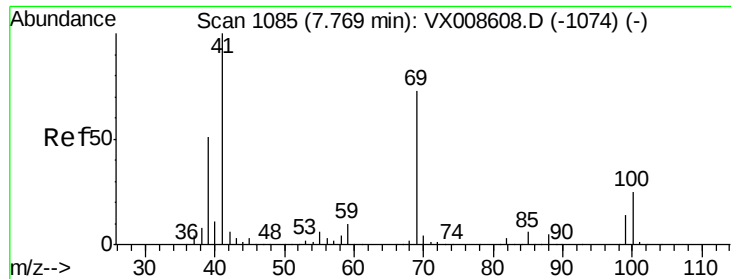
95 103.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#48

Methyl methacrylate

Concen: 3.079 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

S8-0711

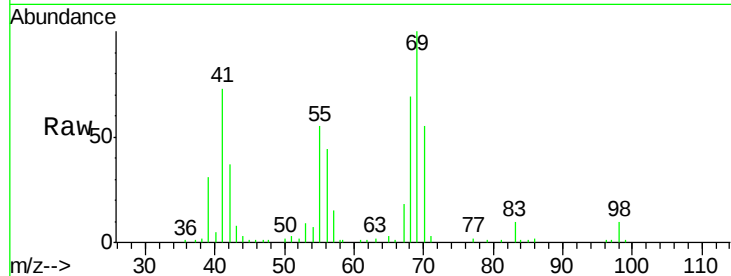
Tgt Ion: 41 Resp: 12783

Ion Ratio Lower Upper

41 100

69 142.3 59.0 88.4#

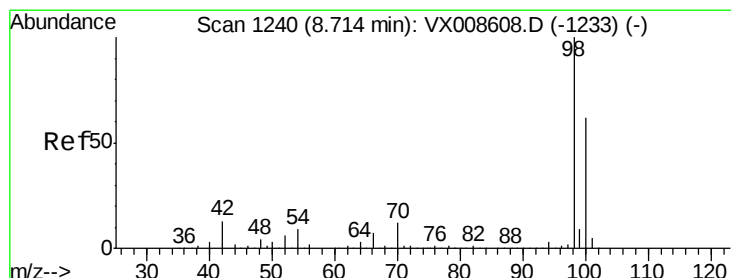
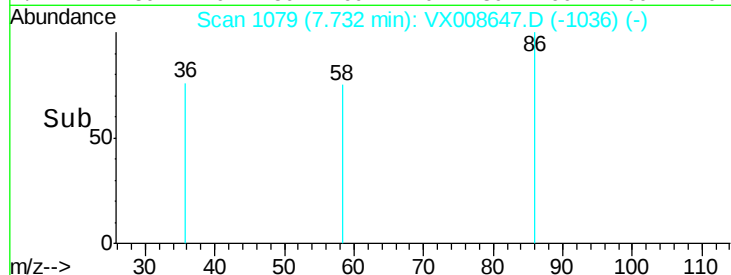
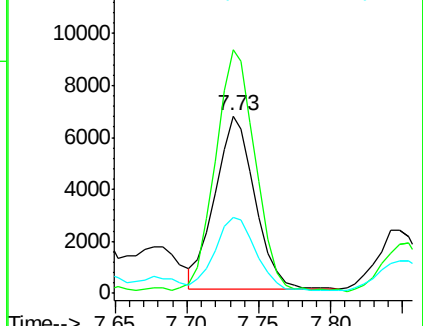
39 43.7 41.0 61.4



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



#50

Toluene-d8

Concen: 49.818 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008647.D

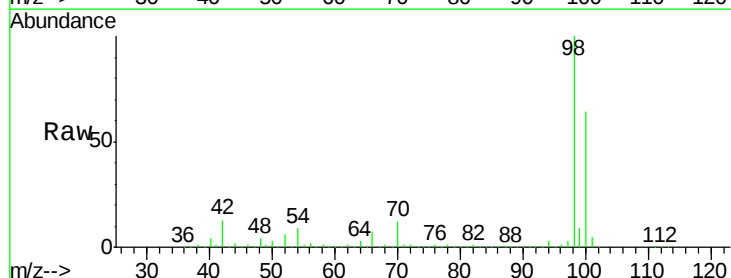
Acq: 04 Apr 2019 19:37

Tgt Ion: 98 Resp: 455401

Ion Ratio Lower Upper

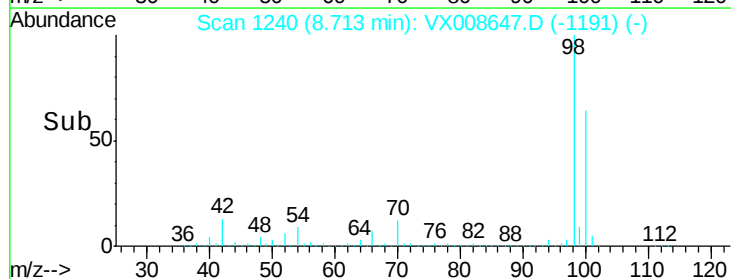
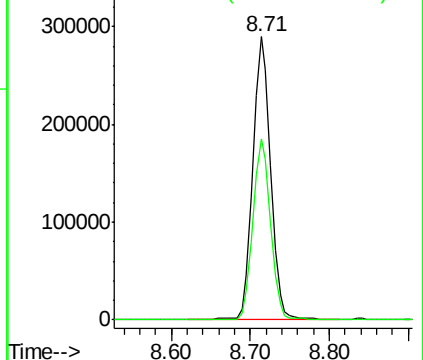
98 100

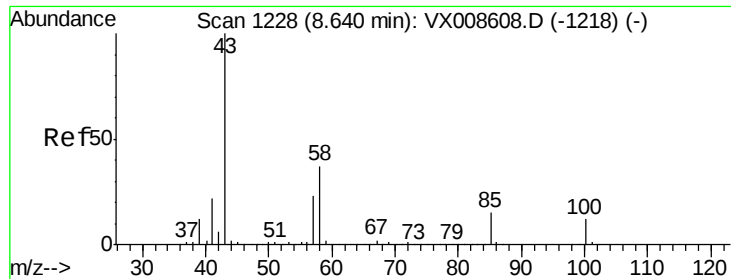
100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

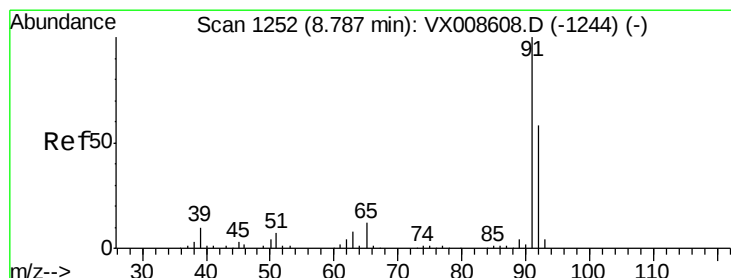
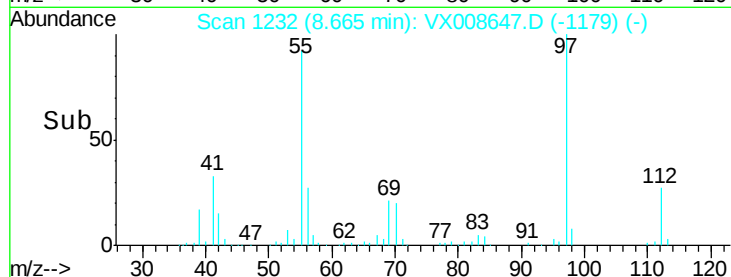
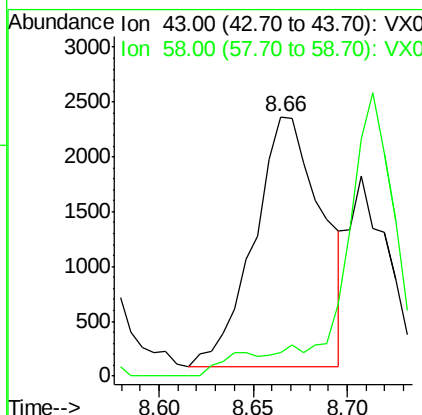
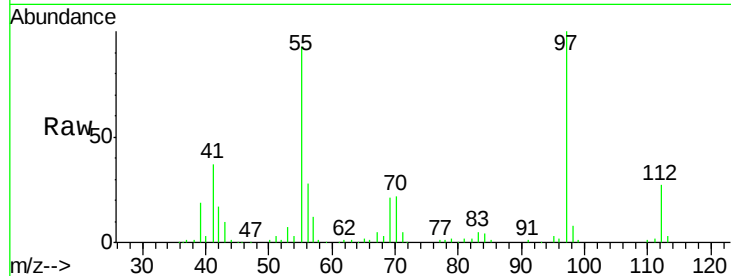




#51
 4-Methyl-2-Pentanone
 Concen: 1.080 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

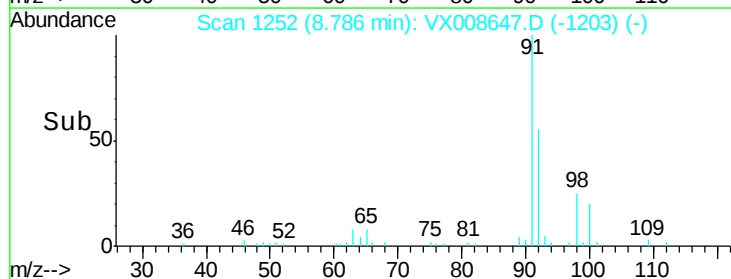
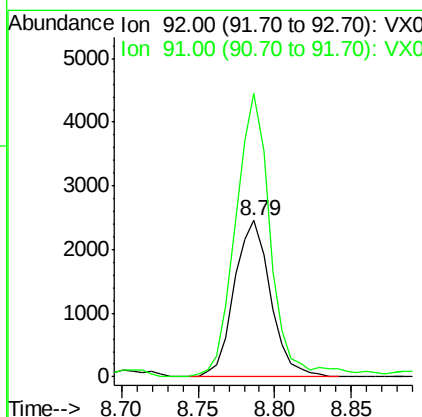
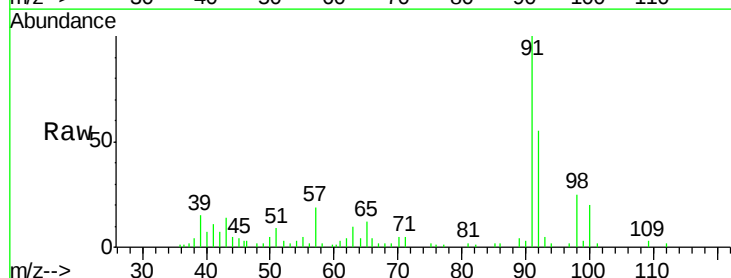
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711

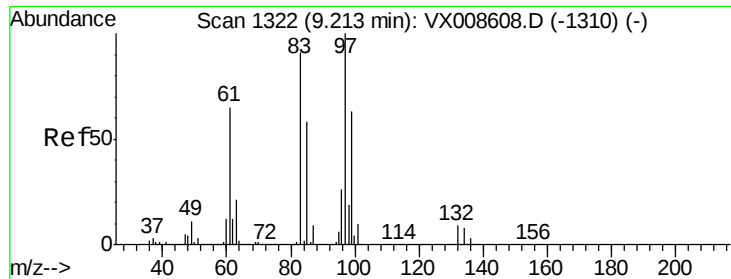
Tgt Ion: 43 Resp: 5706
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.5 44.3#



#52
 Toluene
 Concen: 0.587 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Tgt Ion: 92 Resp: 4047
 Ion Ratio Lower Upper
 92 100
 91 177.2 138.5 207.7

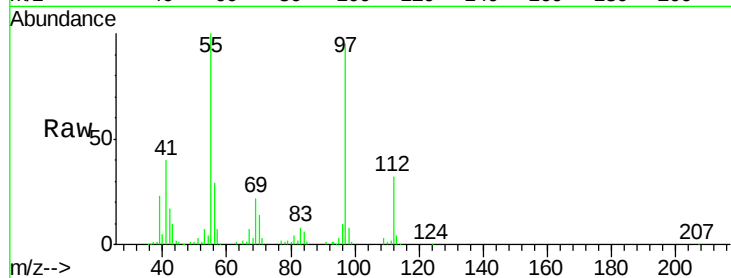




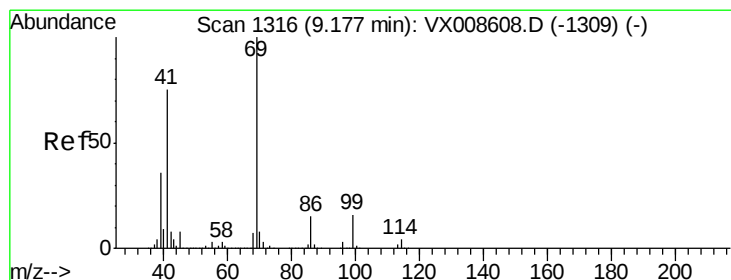
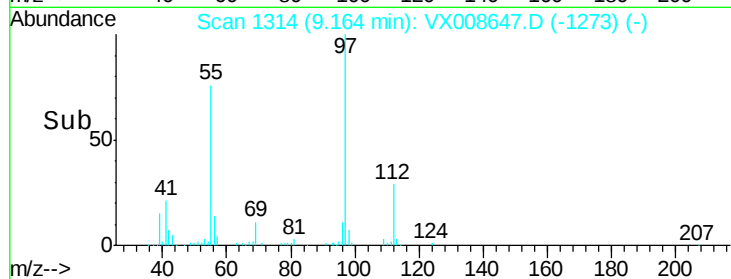
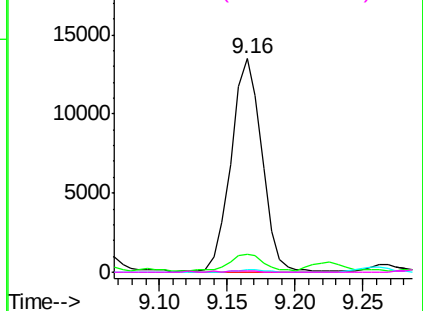
#55
 1,1,2-Trichloroethane
 Concen: 7.708 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711

Tgt Ion: 97 Resp: 21329
 Ion Ratio Lower Upper
 97 100
 83 7.7 73.2 109.8#
 85 1.3 46.6 69.8#
 99 0.6 50.1 75.1#

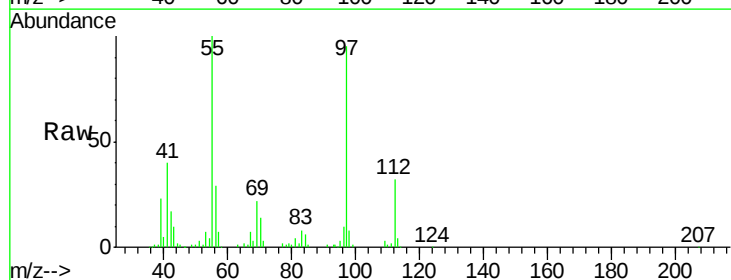


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

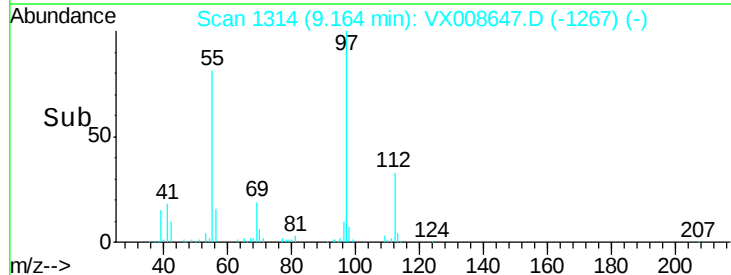
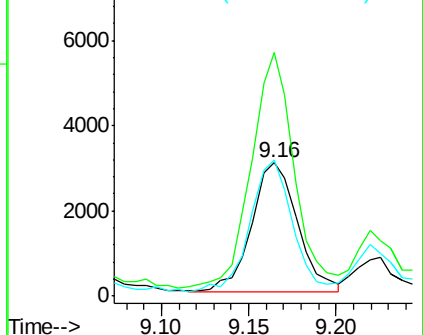


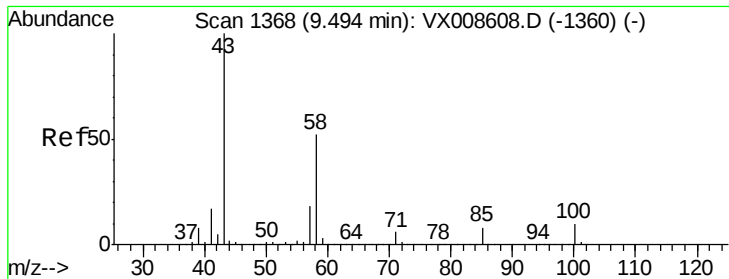
#56
 Ethyl methacrylate
 Concen: 1.118 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Tgt Ion: 69 Resp: 5599
 Ion Ratio Lower Upper
 69 100
 41 167.3 60.1 90.1#
 39 91.9 28.9 43.3#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#59

2-Hexanone

Concen: 1.314 ug/l

RT: 9.51 min Scan# 1371

Delta R.T. 0.02 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

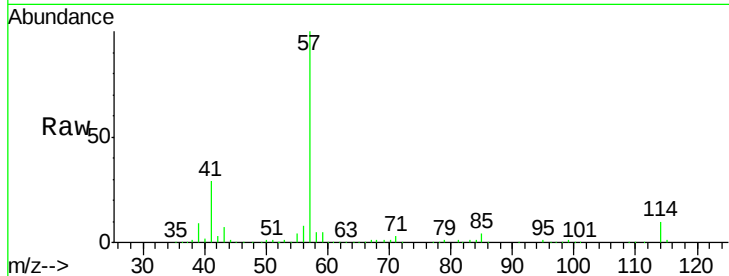
S8-0711

Tgt Ion: 43 Resp: 5396

Ion Ratio Lower Upper

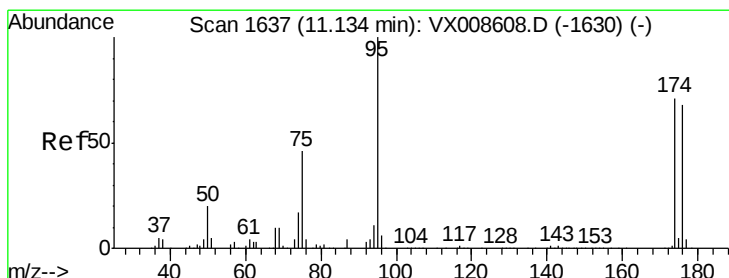
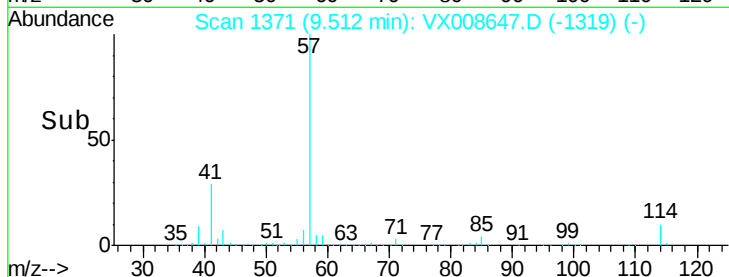
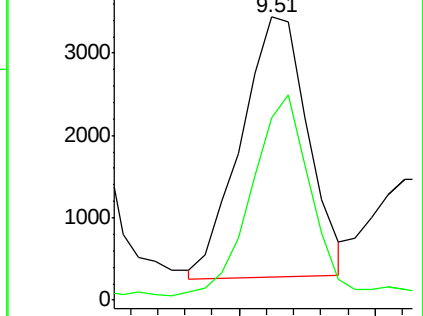
43 100

58 76.1 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.559 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

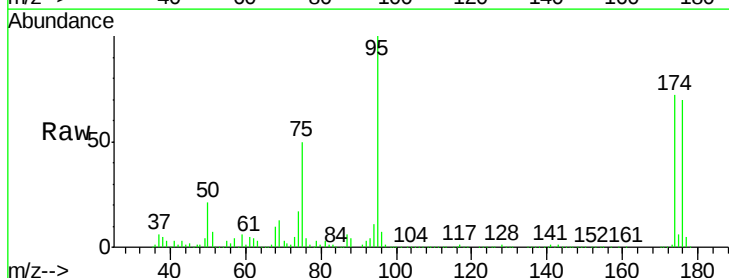
Tgt Ion: 95 Resp: 157413

Ion Ratio Lower Upper

95 100

174 75.1 0.0 151.8

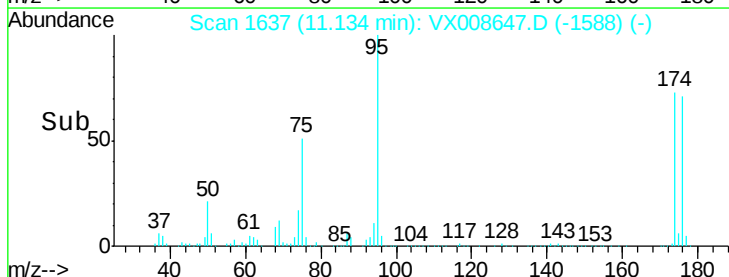
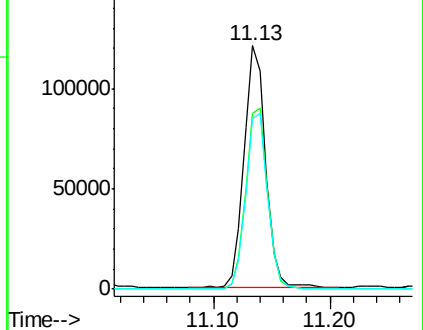
176 72.7 0.0 145.8

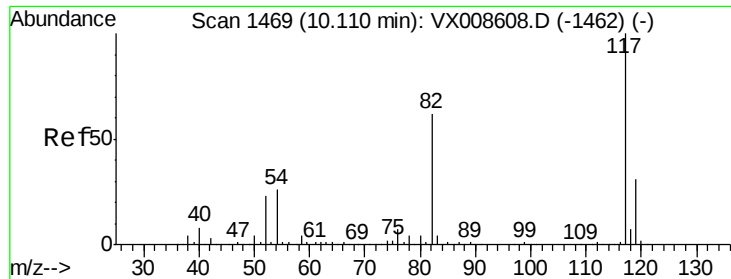


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

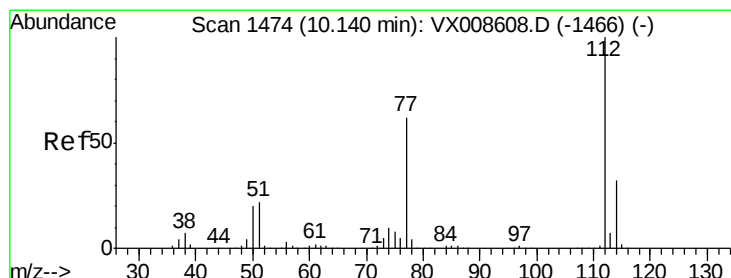
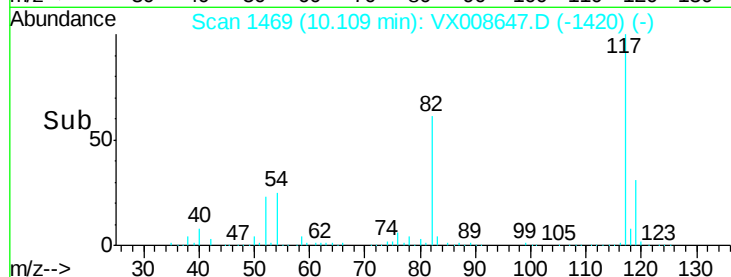
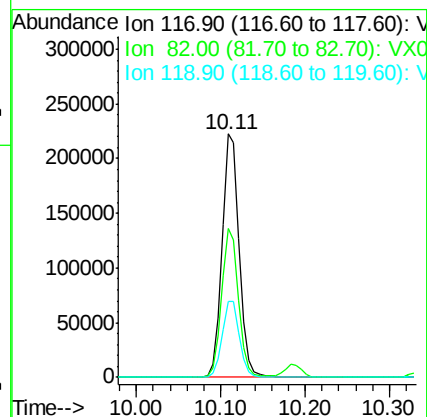
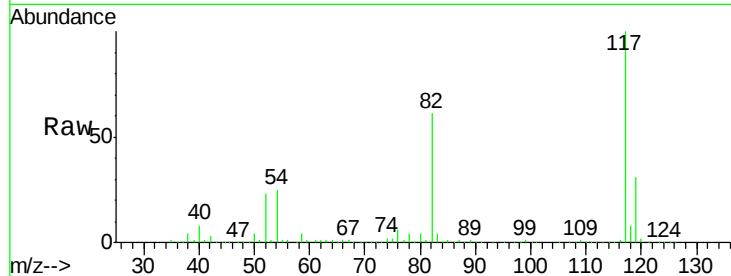




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

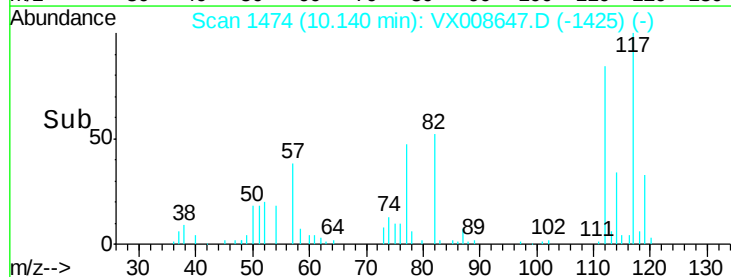
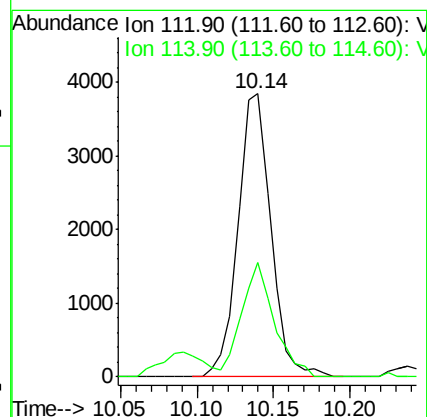
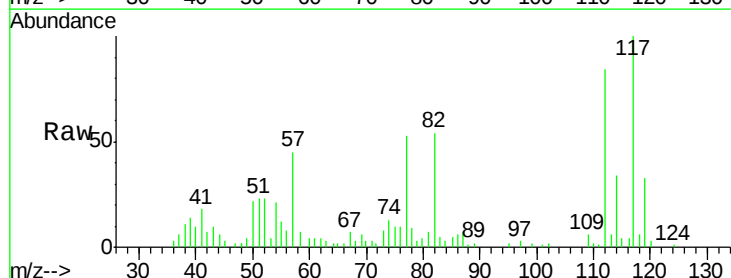
Instrument :
MSVOA_X
ClientSampleId :
S8-0711

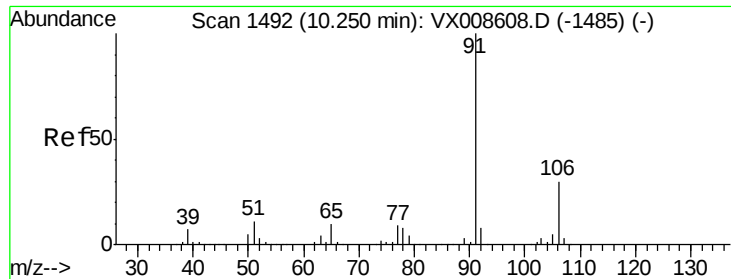
Tgt Ion:117 Resp: 311776
Ion Ratio Lower Upper
117 100
82 61.1 49.6 74.4
119 31.3 25.0 37.4



#65
Chlorobenzene
Concen: 0.829 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

Tgt Ion:112 Resp: 5729
Ion Ratio Lower Upper
112 100
114 40.6 25.8 38.8#

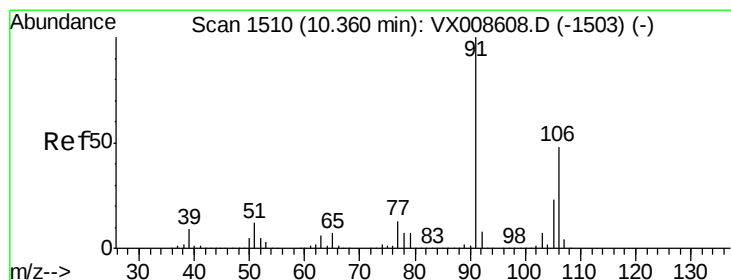
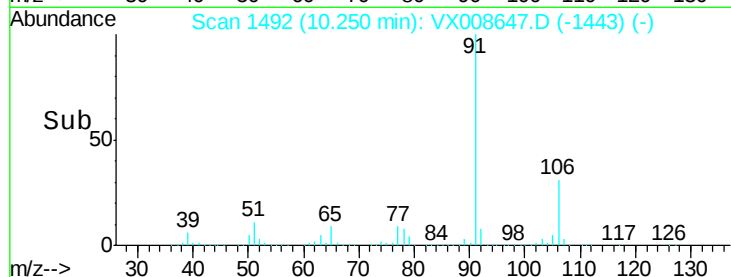
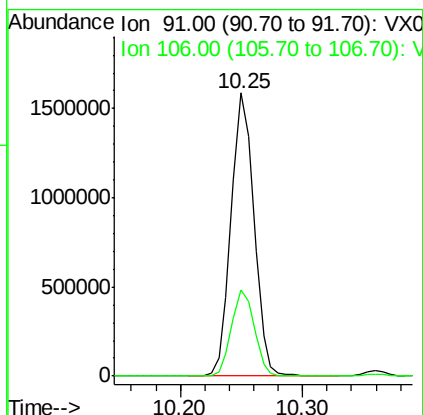
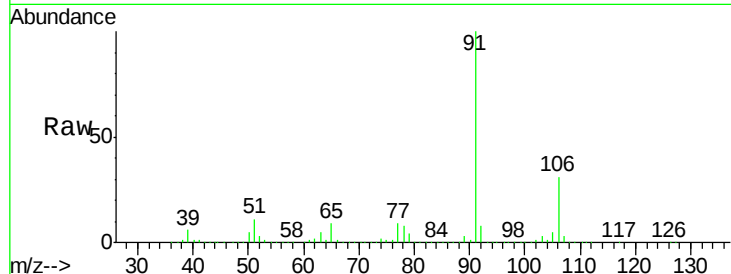




#67
Ethyl Benzene
Concen: 159.861 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

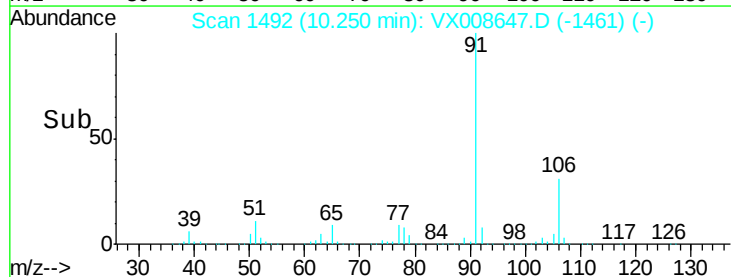
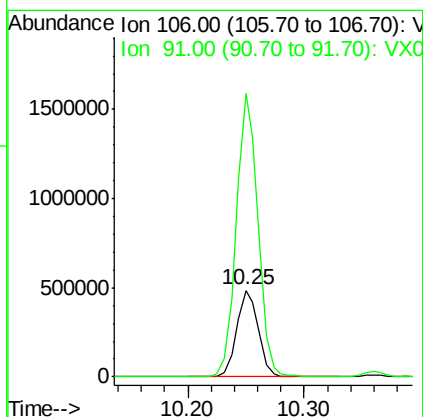
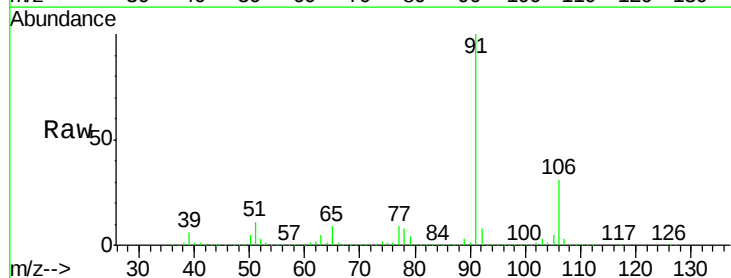
Instrument :
MSVOA_X
ClientSampleId :
S8-0711

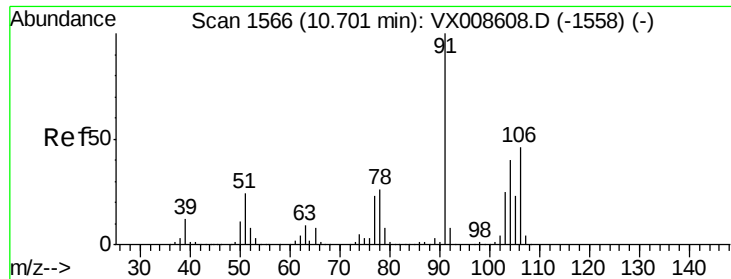
Tgt Ion: 91 Resp: 2060127
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5



#68
m/p-Xylenes
Concen: 134.978 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.11 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

Tgt Ion: 106 Resp: 625427
Ion Ratio Lower Upper
106 100
91 329.4 168.5 252.7#





#69

o-Xylene

Concen: 0.624 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

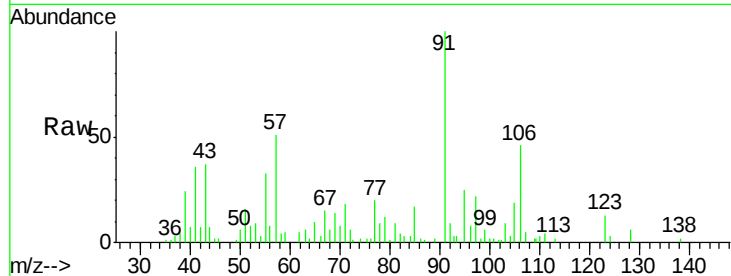
S8-0711

Tgt Ion:106 Resp: 2801

Ion Ratio Lower Upper

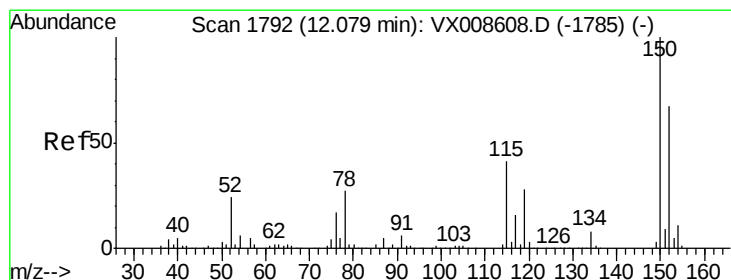
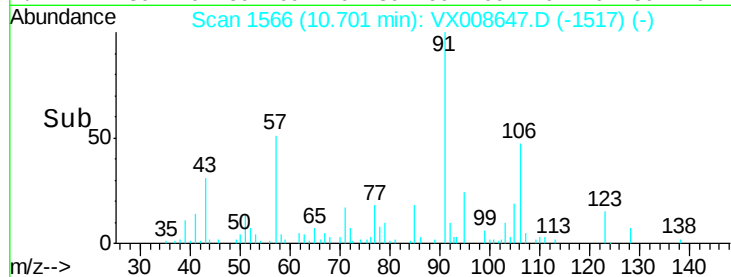
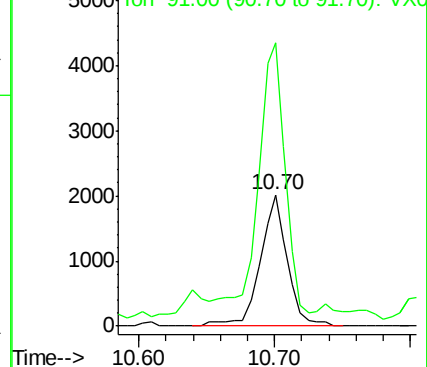
106 100

91 199.4 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

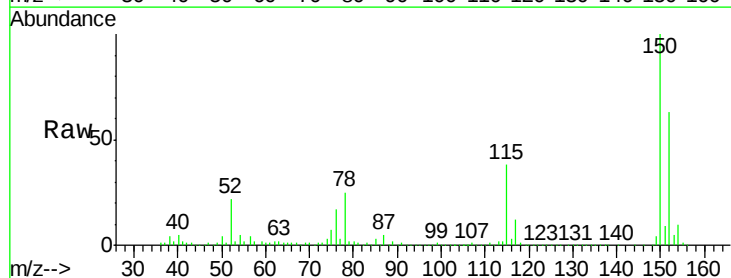
Tgt Ion:152 Resp: 135182

Ion Ratio Lower Upper

152 100

115 64.3 43.5 130.5

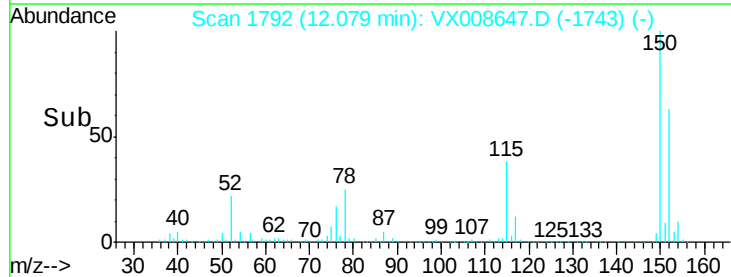
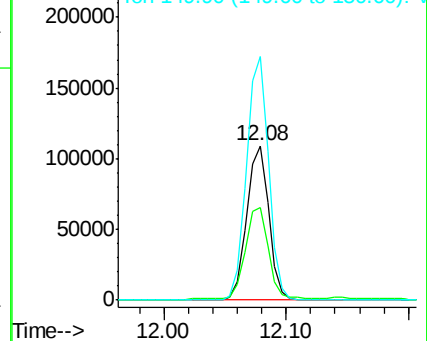
150 158.2 0.0 348.8

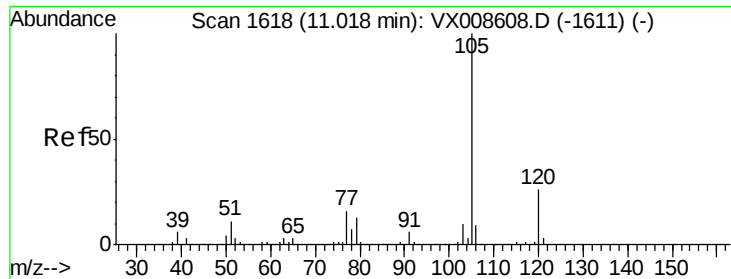


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 34.124 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

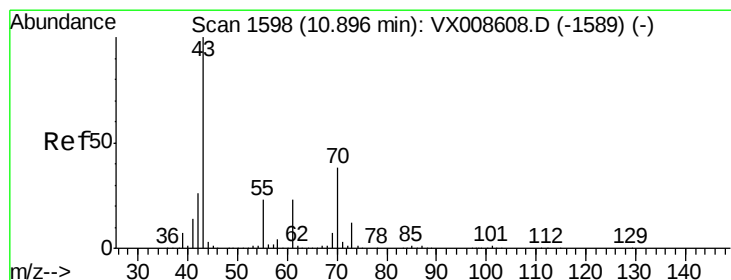
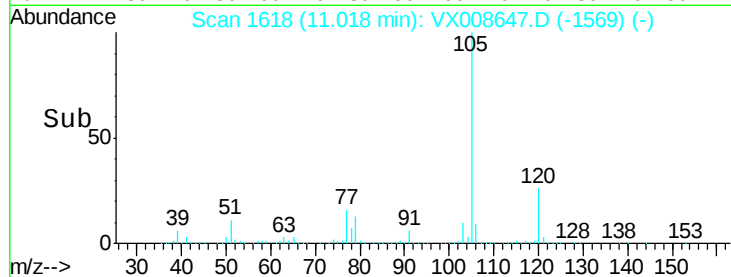
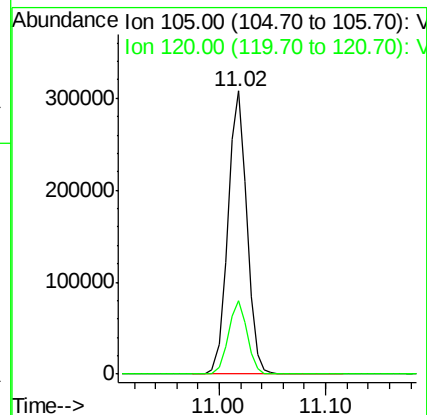
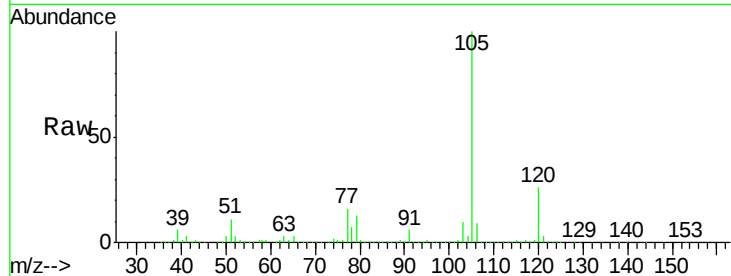
S8-0711

Tgt Ion:105 Resp: 382293

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 2.835 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Tgt Ion: 43 Resp: 18686

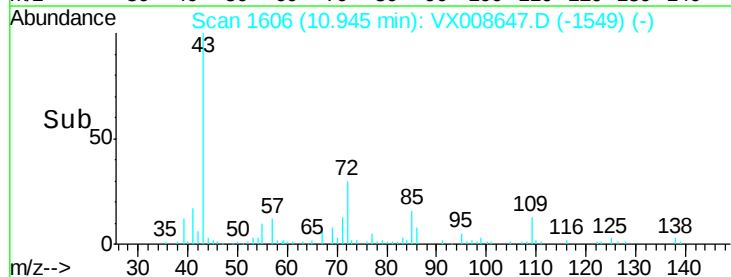
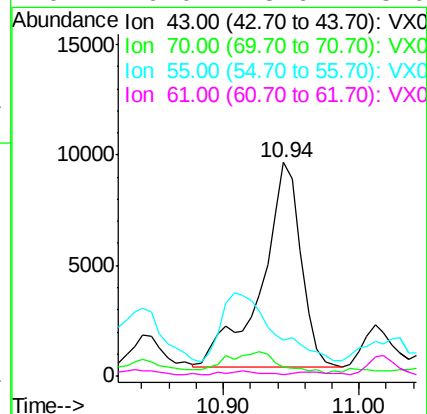
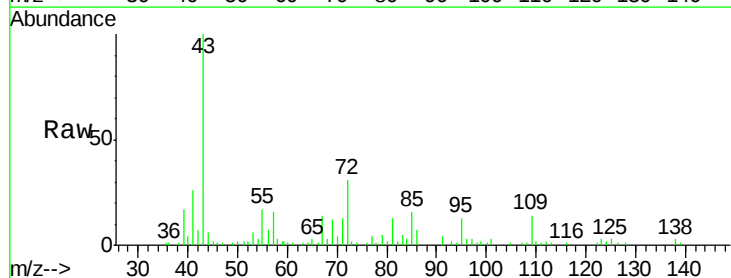
Ion Ratio Lower Upper

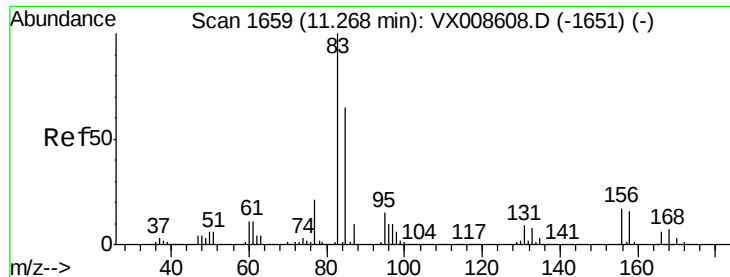
43 100

70 0.0 30.2 45.4#

55 0.0 18.2 27.4#

61 0.0 18.6 28.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.645 ug/l

RT: 11.32 min Scan# 1668

Delta R.T. 0.05 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

S8-0711

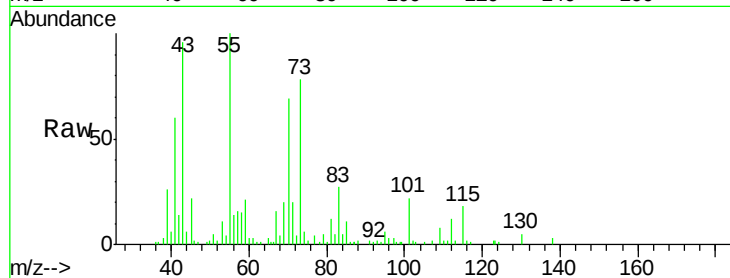
Tgt Ion: 83 Resp: 2748

Ion Ratio Lower Upper

83 100

131 4.9 4.5 13.7

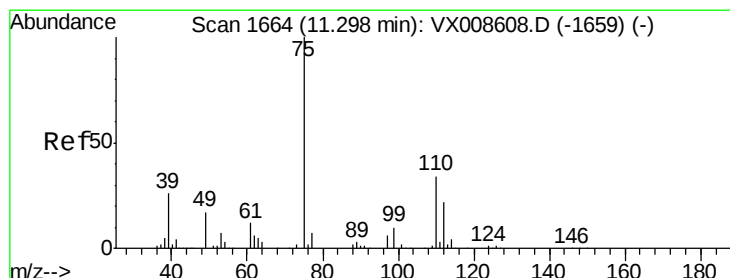
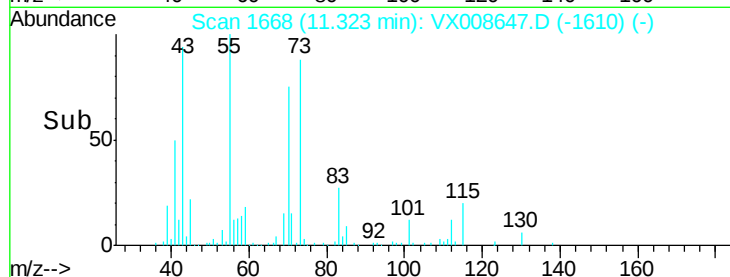
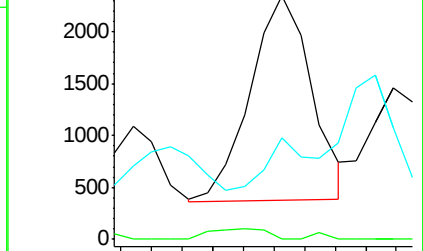
85 33.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.025 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008647.D

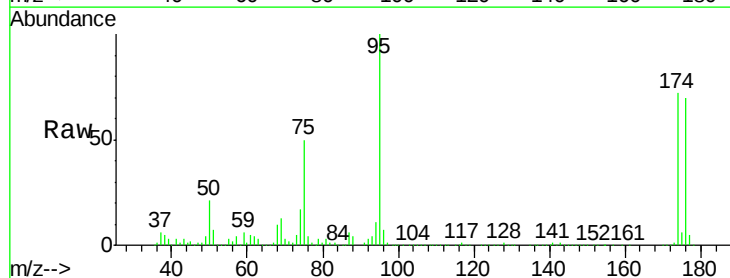
Acq: 04 Apr 2019 19:37

Tgt Ion: 75 Resp: 78078

Ion Ratio Lower Upper

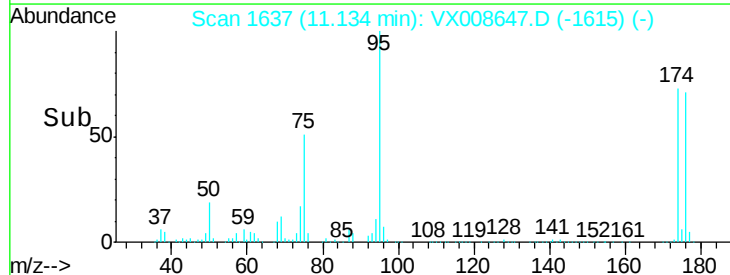
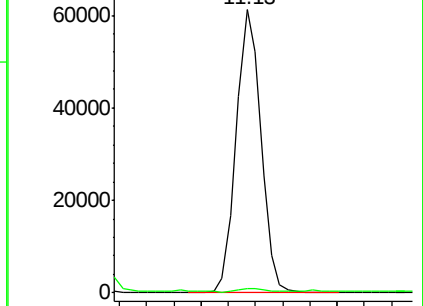
75 100

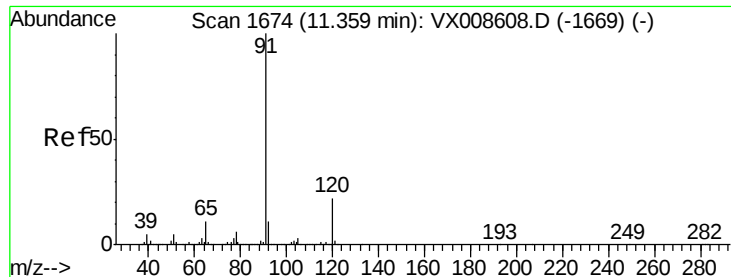
77 0.0 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

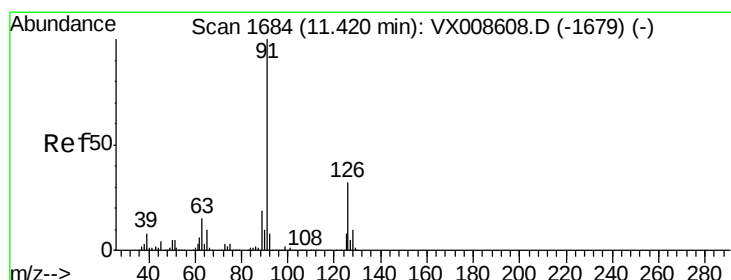
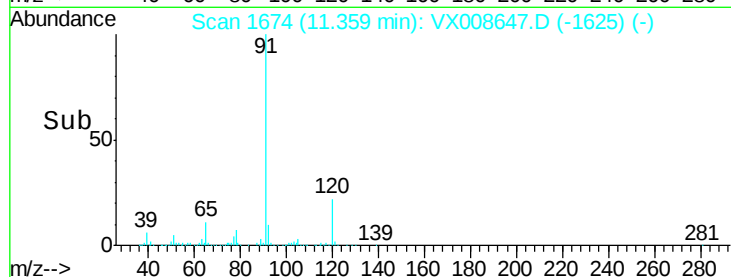
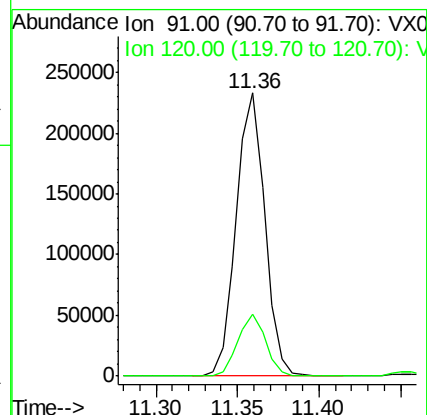
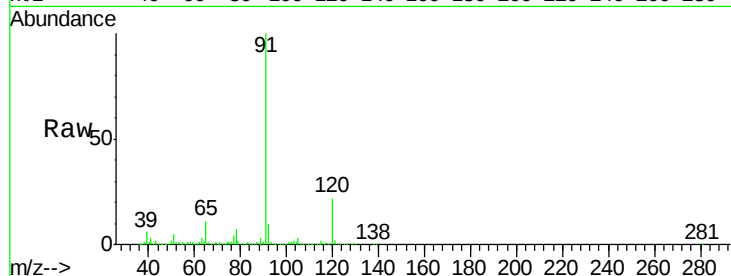




#78
n-propylbenzene
Concen: 21.816 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

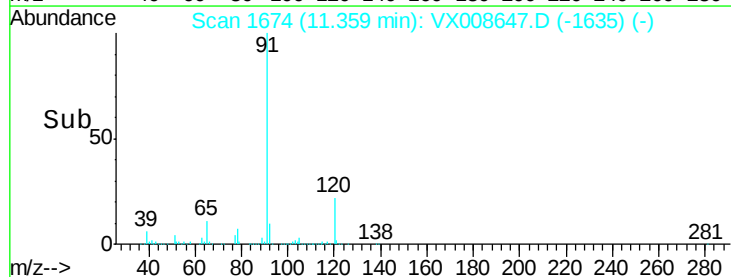
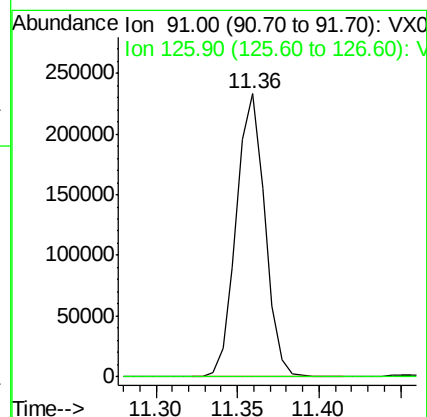
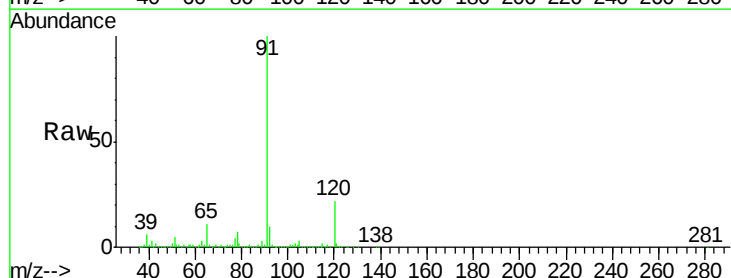
Instrument :
MSVOA_X
ClientSampleId :
S8-0711

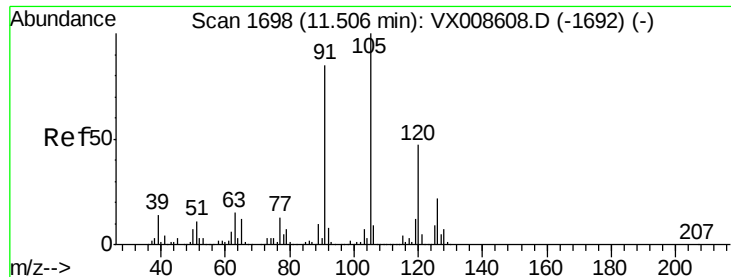
Tgt Ion: 91 Resp: 284570
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7



#79
2-Chlorotoluene
Concen: 36.050 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

Tgt Ion: 91 Resp: 284570
Ion Ratio Lower Upper
91 100
126 0.1 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 1.892 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

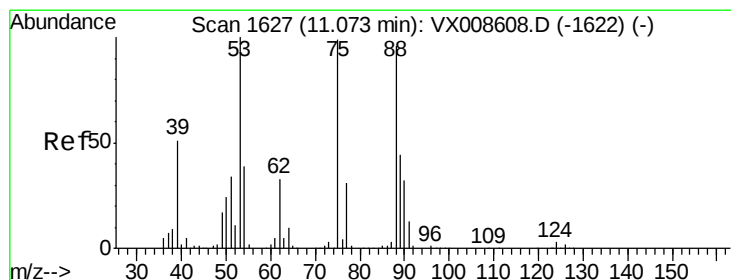
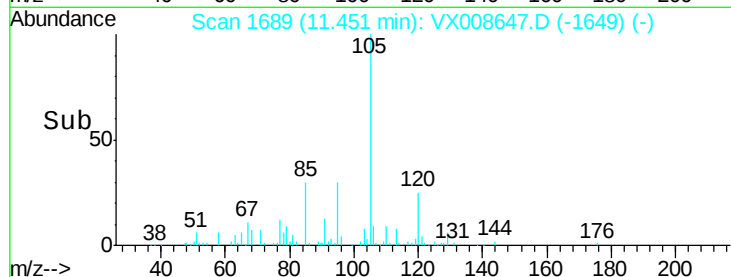
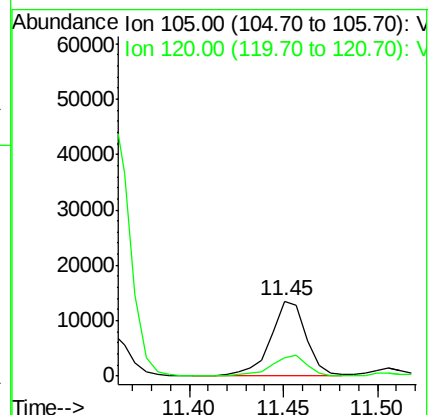
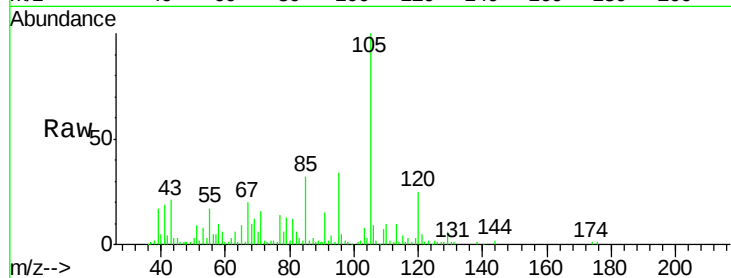
S8-0711

Tgt Ion:105 Resp: 17788

Ion Ratio Lower Upper

105 100

120 27.5 23.5 70.6



#81

trans-1,4-Dichloro-2-butene

Concen: 3.627 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.06 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

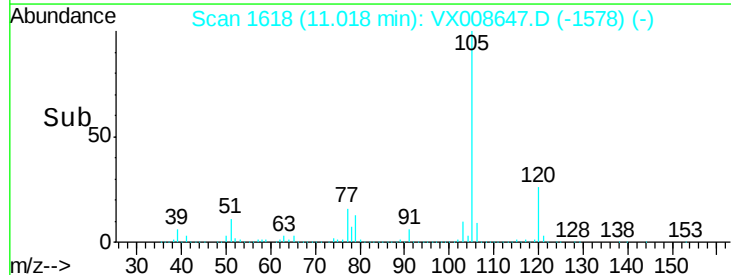
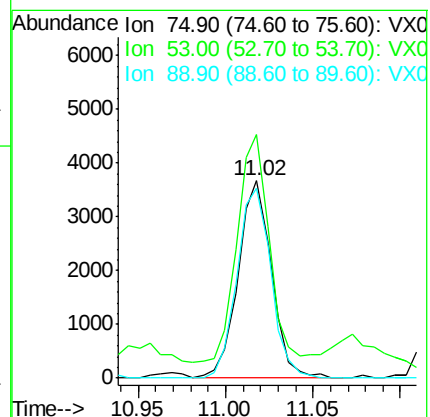
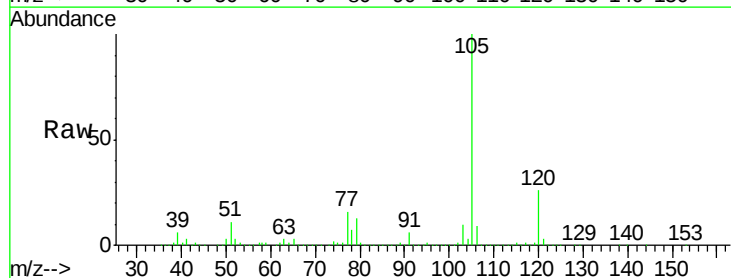
Tgt Ion: 75 Resp: 4886

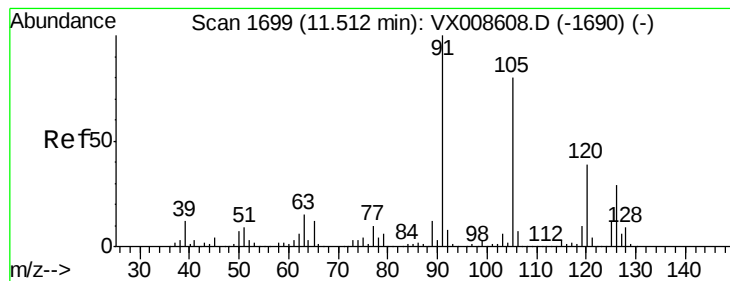
Ion Ratio Lower Upper

75 100

53 110.3 81.3 121.9

89 97.6 35.6 53.4#





#82

4-Chlorotoluene

Concen: 2.234 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.15 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

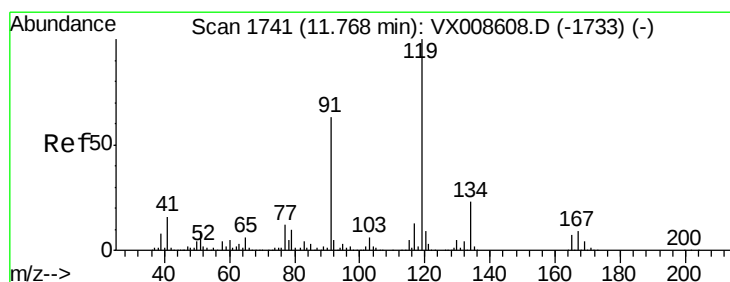
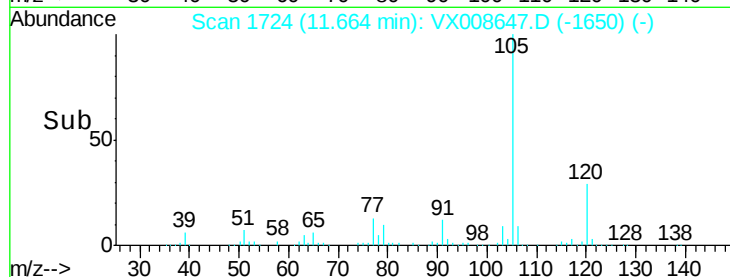
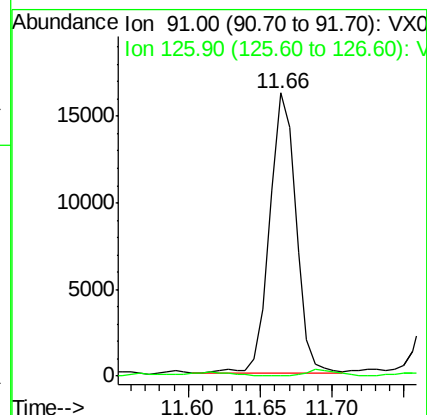
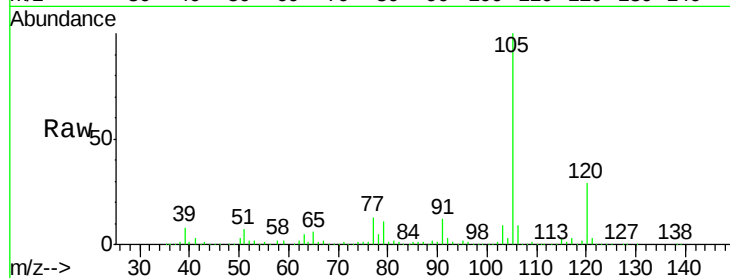
S8-0711

Tgt Ion: 91 Resp: 20413

Ion Ratio Lower Upper

91 100

126 0.0 13.9 41.6#



#83

tert-Butylbenzene

Concen: 0.759 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

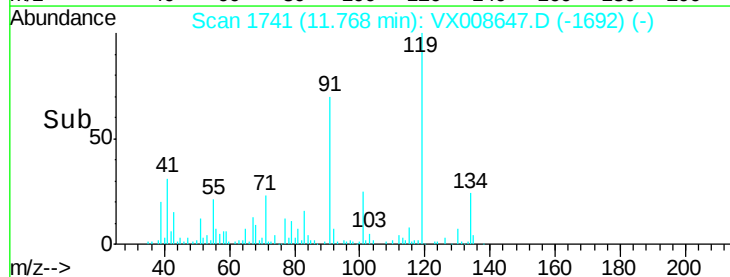
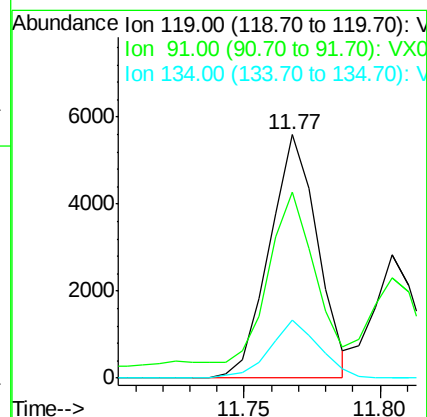
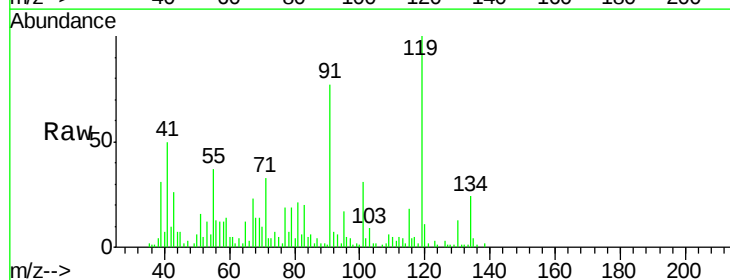
Tgt Ion: 119 Resp: 6866

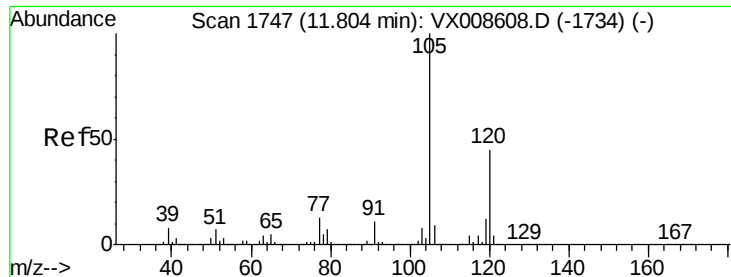
Ion Ratio Lower Upper

119 100

91 74.4 30.0 90.1

134 24.1 11.1 33.3

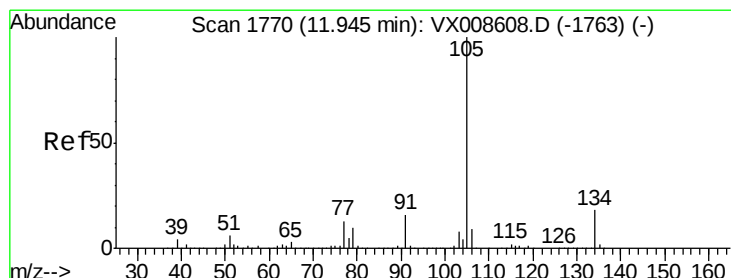
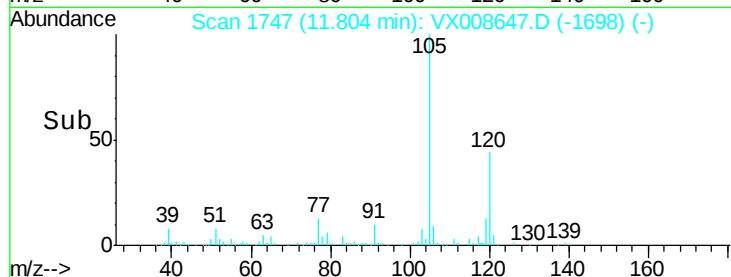
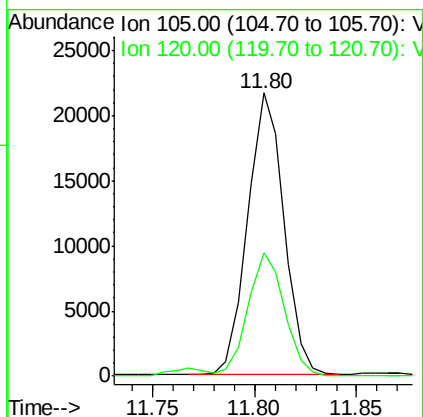
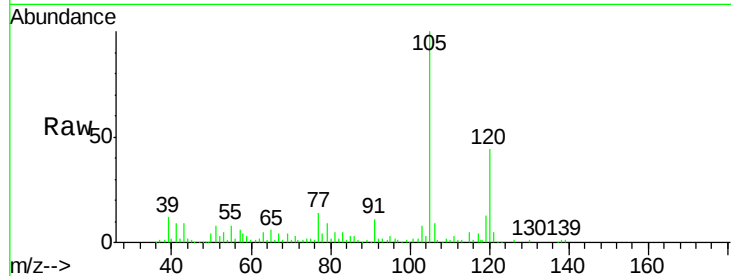




#84
 1,2,4-Trimethylbenzene
 Concen: 2.799 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

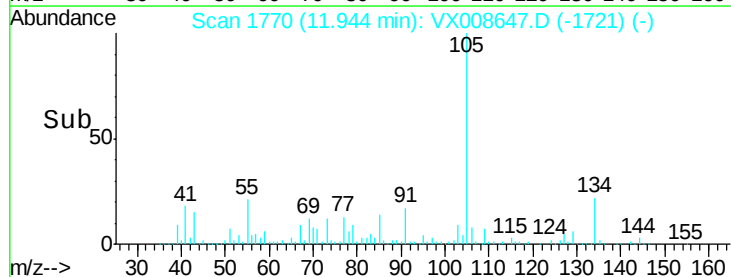
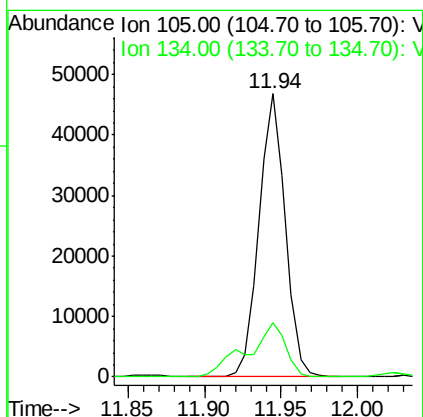
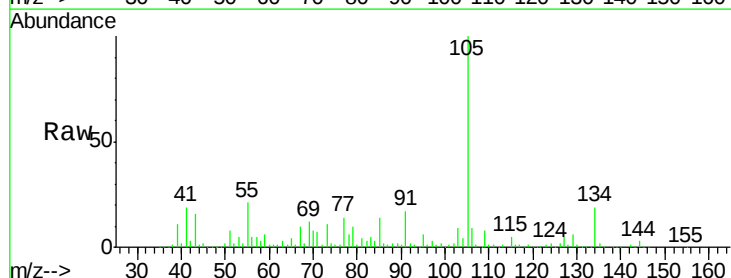
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0711

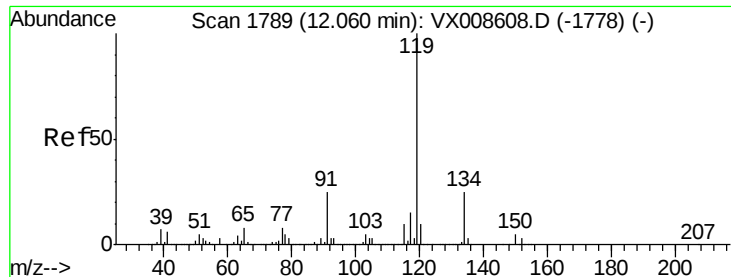
Tgt Ion:105 Resp: 26653
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 5.198 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008647.D
 Acq: 04 Apr 2019 19:37

Tgt Ion:105 Resp: 55865
 Ion Ratio Lower Upper
 105 100
 134 28.4 9.4 28.2#

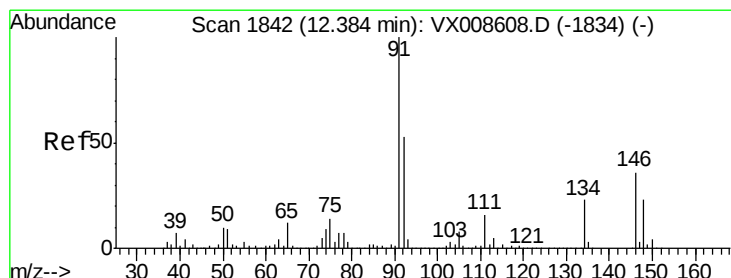
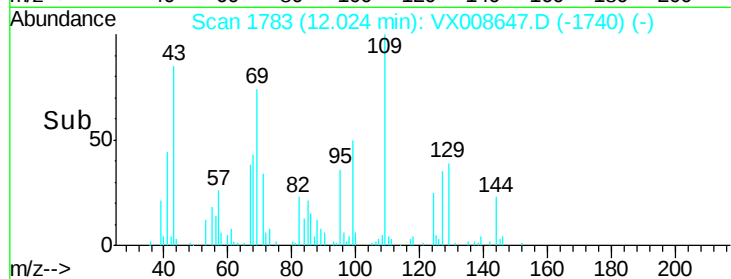
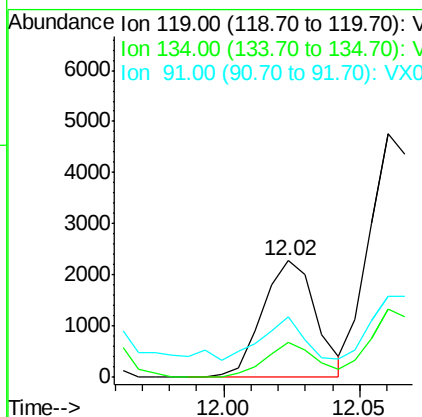
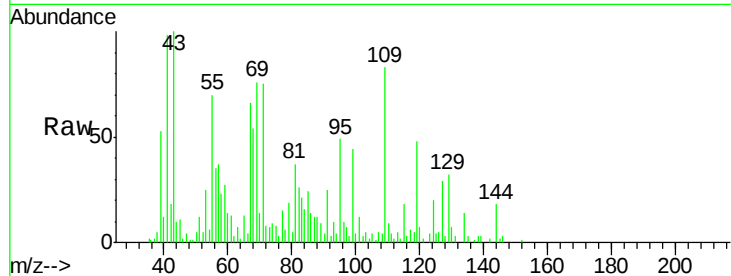




#86
p-Isopropyltoluene
Concen: 0.322 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

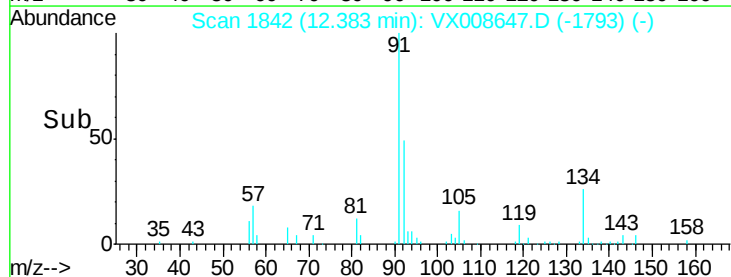
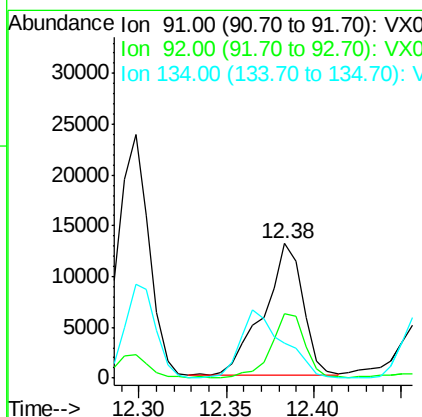
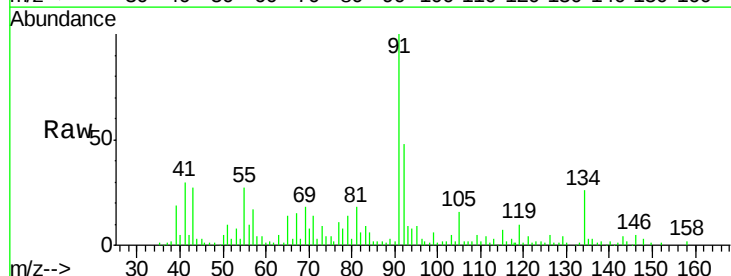
Instrument :
MSVOA_X
ClientSampled :
S8-0711

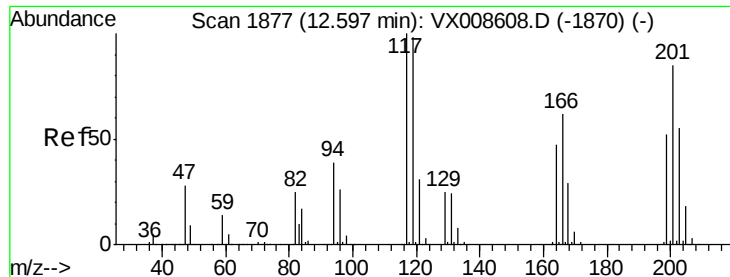
Tgt Ion: 119 Resp: 3107
Ion Ratio Lower Upper
119 100
134 28.6 12.8 38.4
91 30.5 12.2 36.6



#89
n-Butylbenzene
Concen: 2.252 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008647.D
Acq: 04 Apr 2019 19:37

Tgt Ion: 91 Resp: 20373
Ion Ratio Lower Upper
91 100
92 41.8 26.4 79.2
134 56.8 12.0 36.0#





#90

Hexachloroethane

Concen: 22.004 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

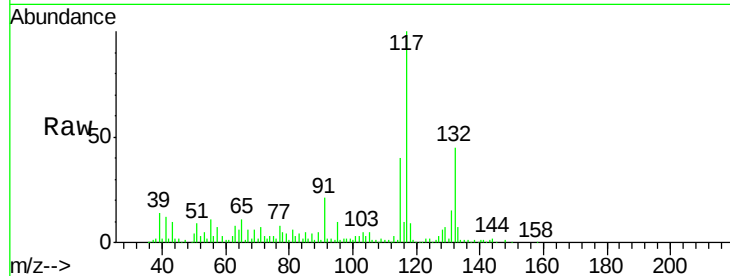
S8-0711

Tgt Ion:117 Resp: 35202

Ion Ratio Lower Upper

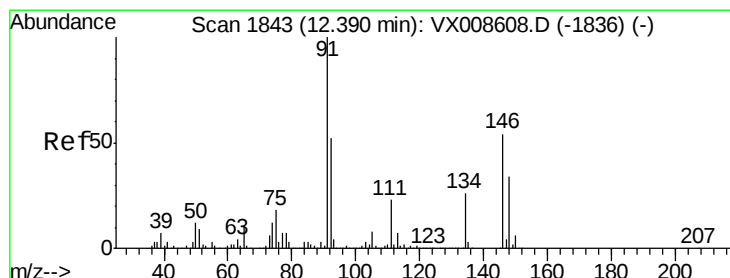
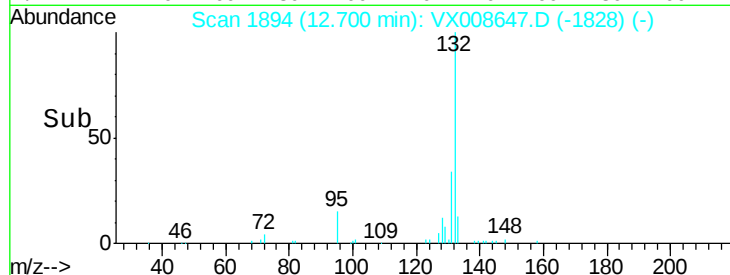
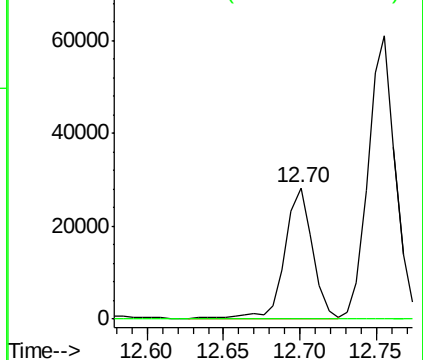
117 100

201 0.0 40.6 122.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.248 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

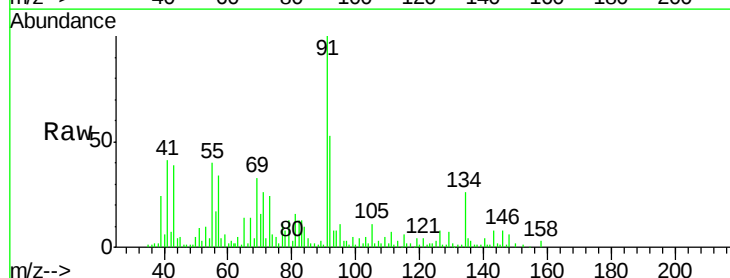
Tgt Ion:146 Resp: 1185

Ion Ratio Lower Upper

146 100

111 73.0 21.3 63.9#

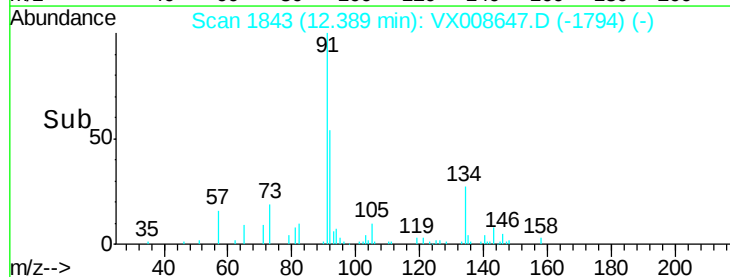
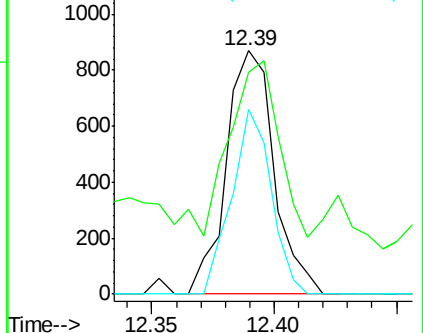
148 62.5 31.7 95.1

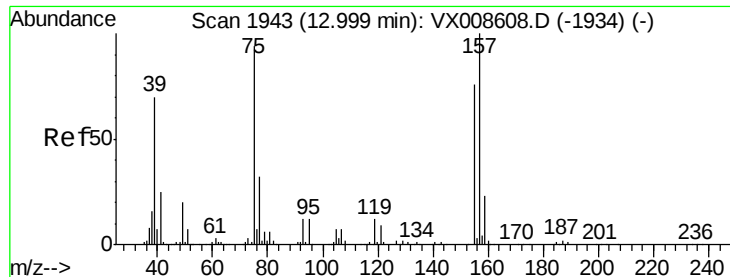


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.482 ug/l

RT: 13.22 min Scan# 1980

Delta R.T. 0.23 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

S8-0711

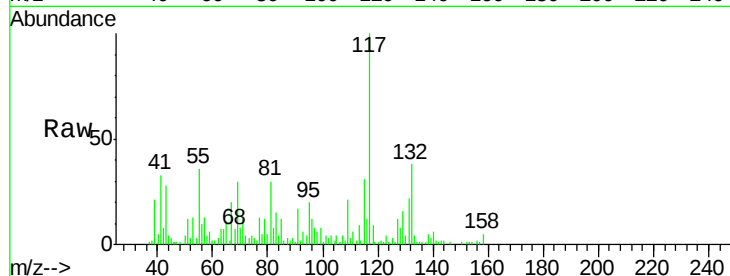
Tgt Ion: 75 Resp: 452

Ion Ratio Lower Upper

75 100

155 53.1 39.9 119.6

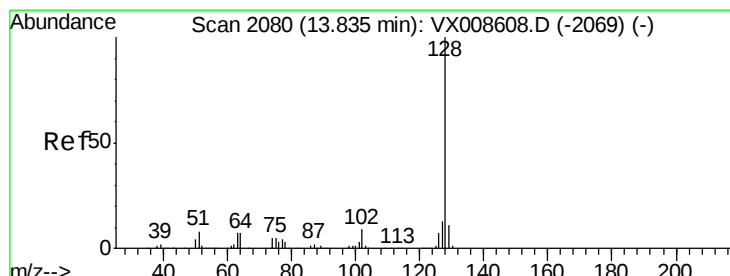
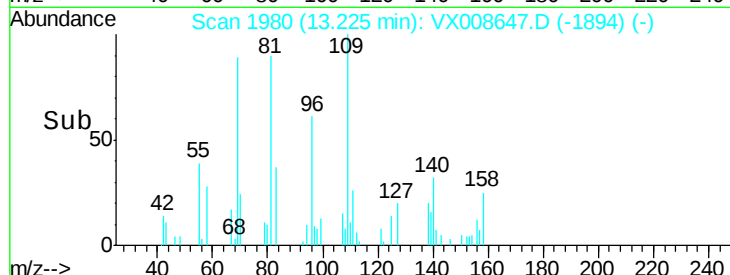
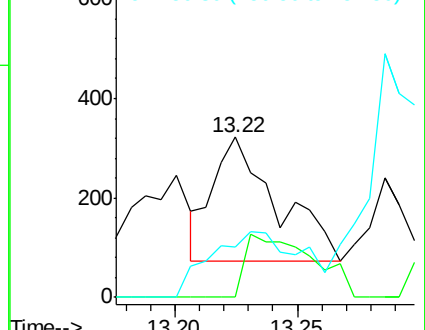
157 75.2 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 3.262 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008647.D

Acq: 04 Apr 2019 19:37

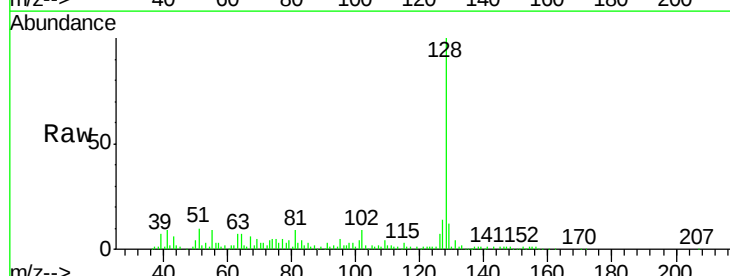
Tgt Ion: 128 Resp: 36284

Ion Ratio Lower Upper

128 100

127 15.8 10.4 15.6#

129 17.8 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

