

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040519\
 Data File : VX008703.D
 Acq On : 05 Apr 2019 23:36
 Operator : JC/SP
 Sample : K2296-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0700

Quant Time: Apr 06 01:30:30 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	205677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125351	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	139863	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
35) Dibromofluoromethane	5.50	113	102112	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	429896	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	145053	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	217	Below Cal		92
5) Bromomethane	1.64	94	420	2.142	ug/l	84
6) Chloroethane	1.67	64	2176	Below Cal	#	61
11) Tert butyl alcohol	3.05	59	6487	9.237	ug/l #	72
13) Acrolein	2.30	56	75	0.215	ug/l #	13
14) Allyl chloride	2.62	41	5257	0.966	ug/l #	66
15) Acrylonitrile	3.17	53	1067	0.573	ug/l #	35
16) Acetone	2.44	43	15253	8.828	ug/l	100
17) Carbon Disulfide	2.56	76	689	Below Cal	#	75
18) Methyl Acetate	2.84	43	61655	14.713	ug/l #	56
25) 2-Butanone	4.70	43	2090	0.765	ug/l #	83
27) cis-1,2-Dichloroethene	4.60	96	865	0.293	ug/l #	9
28) Bromochloromethane	4.99	49	41	Below Cal	#	22
31) Cyclohexane	5.58	56	164771	31.789	ug/l	98
36) 1,1-Dichloropropene	5.66	75	16832	4.537	ug/l #	50
38) Carbon Tetrachloride	5.66	117	19564	6.372	ug/l #	17
39) Methylcyclohexane	7.46	83	80539	17.575	ug/l	93
40) Benzene	6.14	78	35034	3.170	ug/l	98
43) Isopropyl Acetate	6.45	43	1902	0.245	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	915	0.290	ug/l #	1
48) Methyl methacrylate	7.73	41	4618	1.177	ug/l #	48
51) 4-Methyl-2-Pentanone	8.66	43	2709	0.543	ug/l #	69
52) Toluene	8.79	92	10587	1.625	ug/l	99
56) Ethyl methacrylate	9.16	69	1684	0.356	ug/l #	38
59) 2-Hexanone	9.52	43	20757	5.349	ug/l	82
67) Ethyl Benzene	10.25	91	1656253	134.472	ug/l	99
68) m/p-Xylenes	10.36	106	1772550	400.259	ug/l	97
69) o-Xylene	10.69	106	94017	21.907	ug/l	99
70) Styrene	10.70	104	5753	0.778	ug/l #	1
73) Isopropylbenzene	11.02	105	55917	5.383	ug/l	100
74) N-amyl acetate	10.95	43	10823	1.771	ug/l #	46
76) 1,2,3-Trichloropropane	11.43	75	2813	0.817	ug/l #	1
78) n-propylbenzene	11.36	91	47538	3.930	ug/l	99
79) 2-Chlorotoluene	11.43	91	34837	4.759	ug/l #	44

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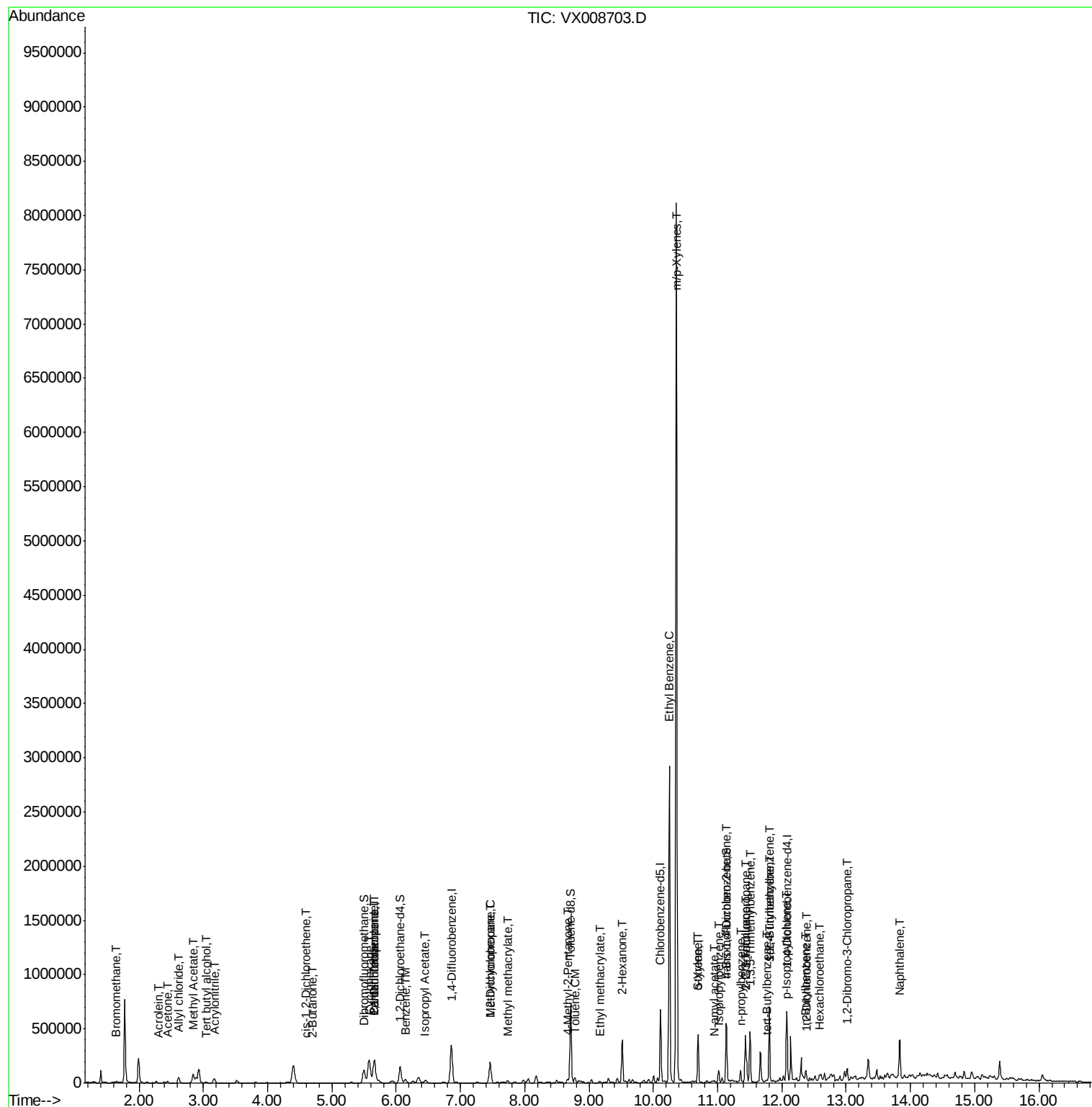
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	193393	22.178	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	73493	58.831	ug/l #	10
83) tert-Butylbenzene	11.77	119	2120	0.253	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	292052	33.077	ug/l	99
85) sec-Butylbenzene	11.80	105	292052	29.308	ug/l #	58
86) p-Isopropyltoluene	12.06	119	7930	0.887	ug/l	92
89) n-Butylbenzene	12.37	91	9413	1.122	ug/l #	1
90) Hexachloroethane	12.58	117	1767	1.191	ug/l #	9
91) 1,2-Dichlorobenzene	12.39	146	4082	0.920	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	13.01	75	426	0.490	ug/l #	6
95) Naphthalene	13.83	128	213608	20.708	ug/l	99

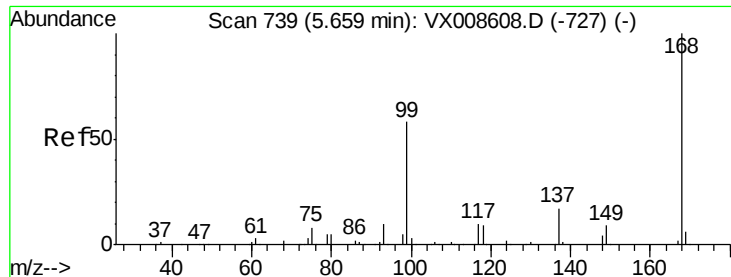
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

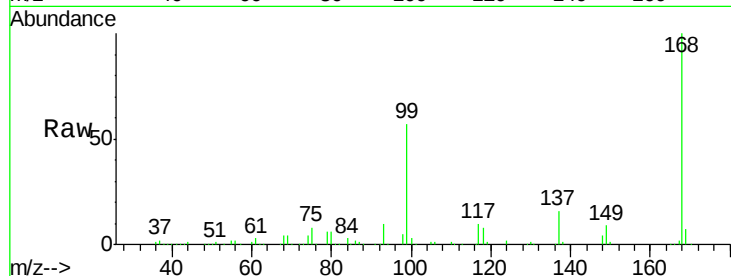
S8-0700

Tot Ion:168 Resp: 205677

Ion Ratio Lower Upper

168 100

99 57.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

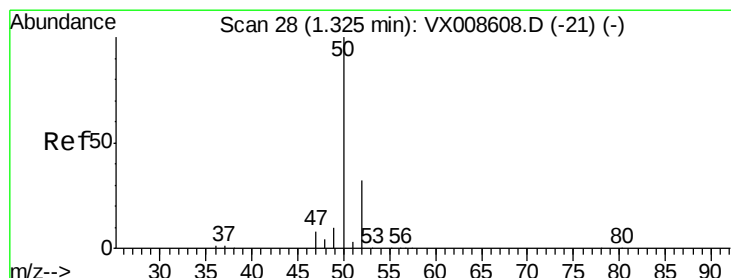
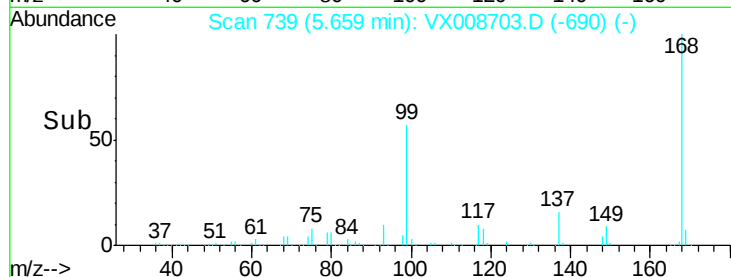
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008703.D

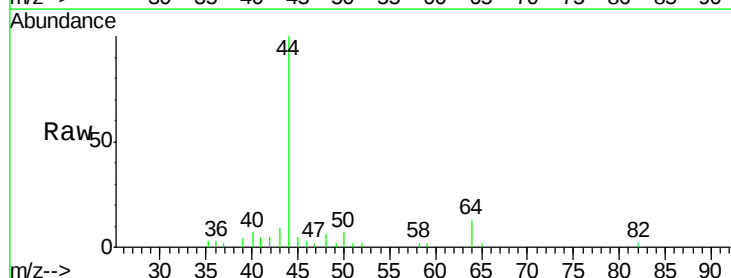
Acq: 05 Apr 2019 23:36

Tgt Ion: 50 Resp: 217

Ion Ratio Lower Upper

50 100

52 36.8 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200

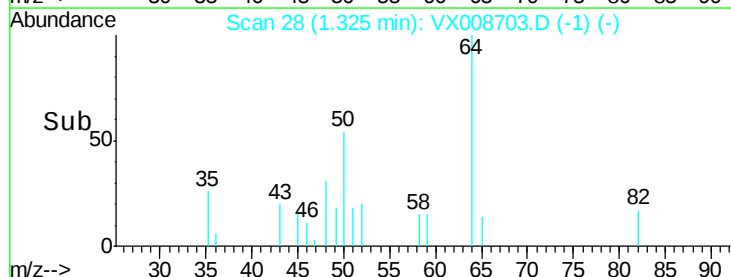
150

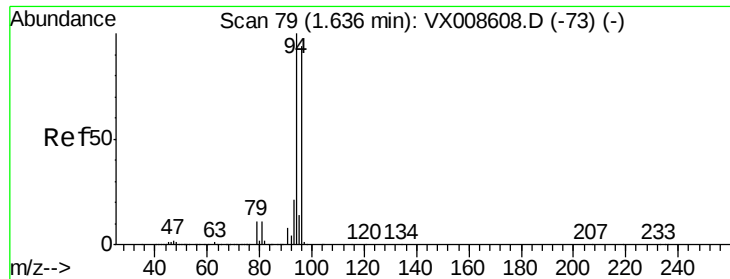
100

50

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 2.142 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

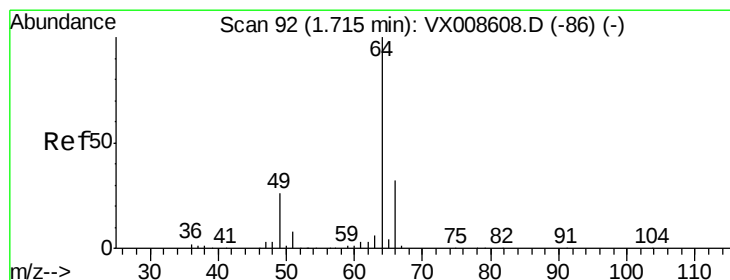
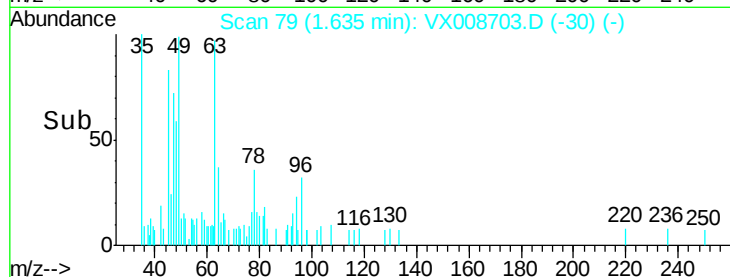
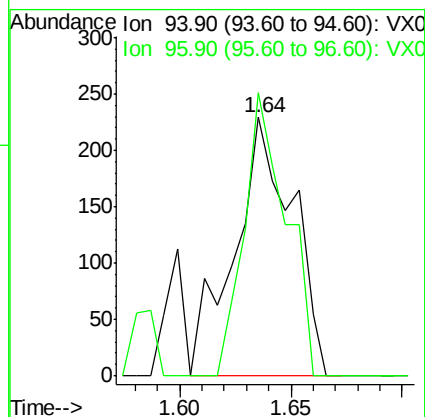
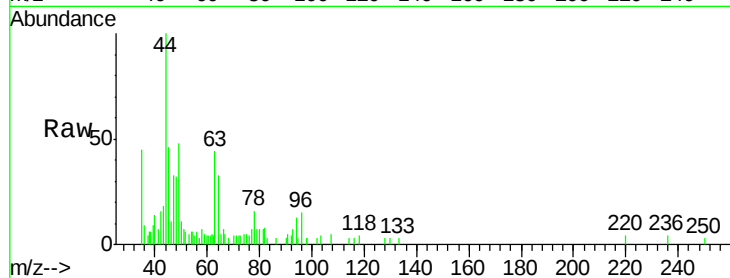
S8-0700

Tot Ion: 94 Resp: 420

Ion Ratio Lower Upper

94 100

96 109.6 75.2 112.8



#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 84

Delta R.T. -0.05 min

Lab File: VX008703.D

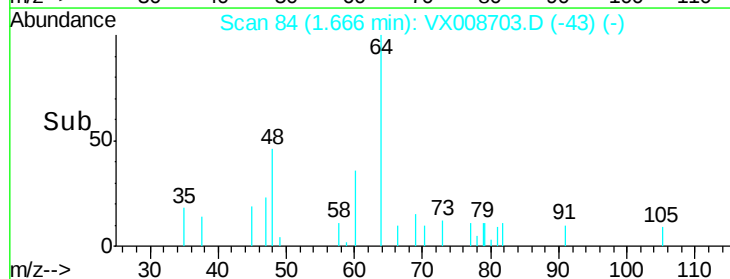
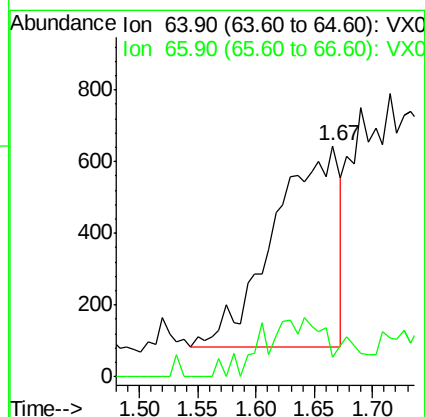
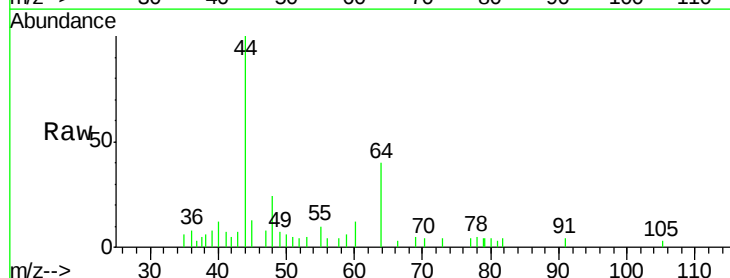
Acq: 05 Apr 2019 23:36

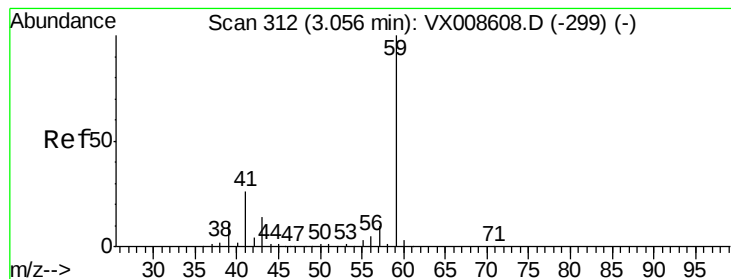
Tgt Ion: 64 Resp: 2176

Ion Ratio Lower Upper

64 100

66 9.8 25.4 38.0#



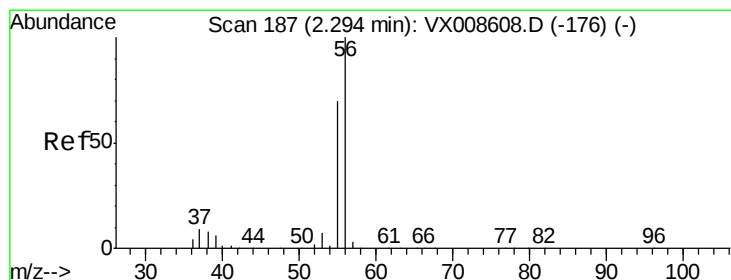
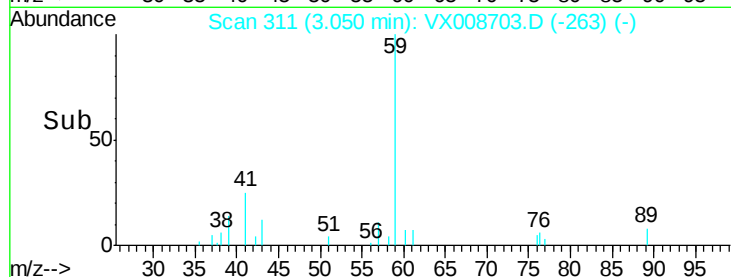
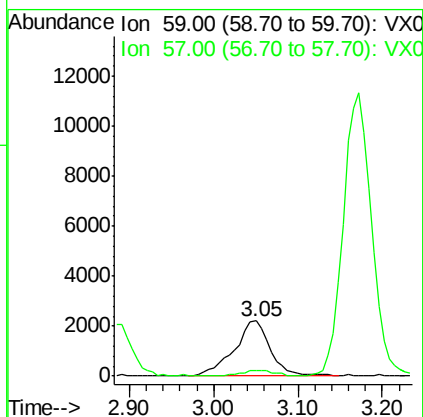
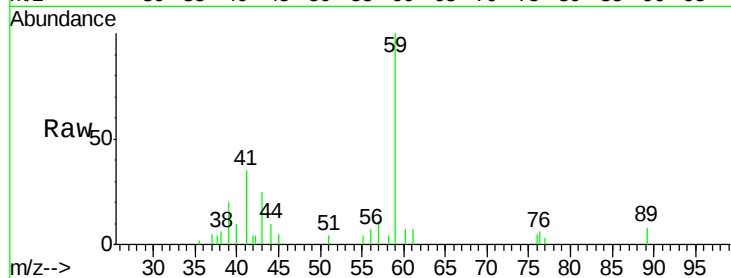


#11

Tert butyl alcohol
 Concen: 9.237 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Instrument :
 MSVOA_X
 ClientSampled :
 S8-0700

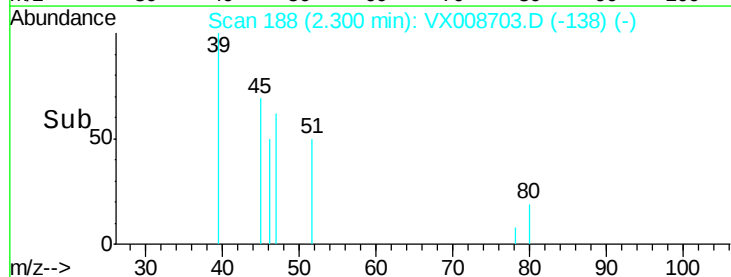
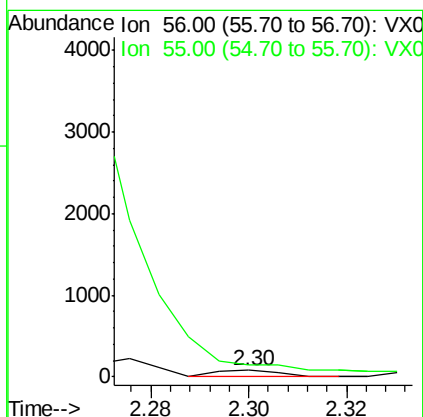
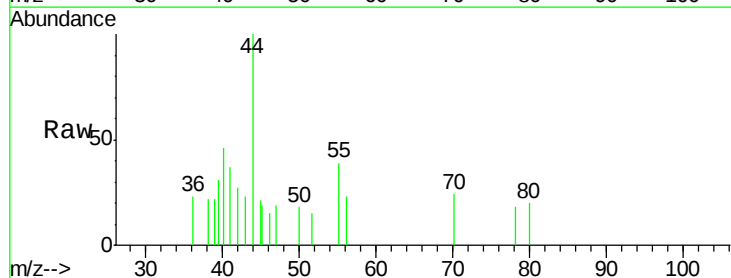
Tot Ion: 59 Resp: 6487
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

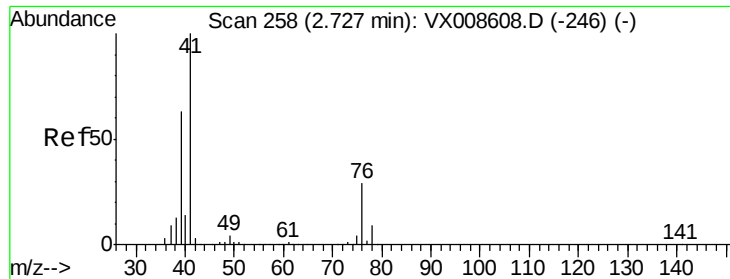


#13

Acrolein
 Concen: 0.215 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Tgt Ion: 56 Resp: 75
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.0 87.0#





#14

Allvl chloride

Concen: 0.966 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.11 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

S8-0700

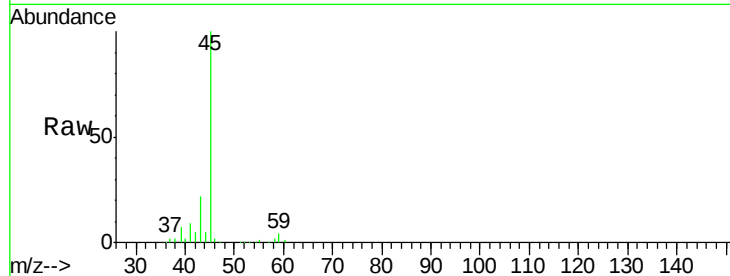
Tot Ion: 41 Resp: 5257

Ion Ratio Lower Upper

41 100

39 79.7 48.0 72.0#

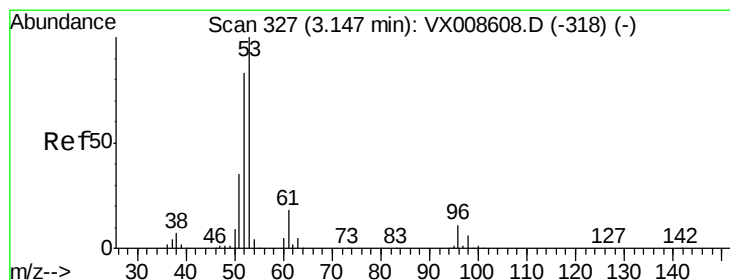
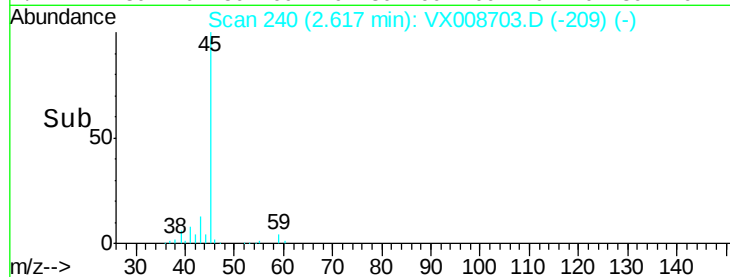
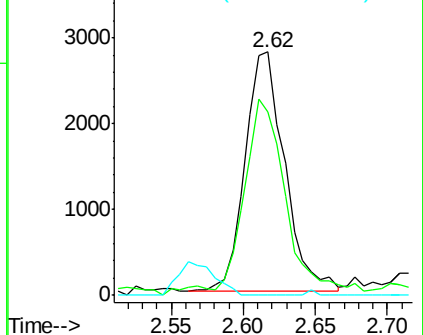
76 0.0 22.0 33.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 0.573 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

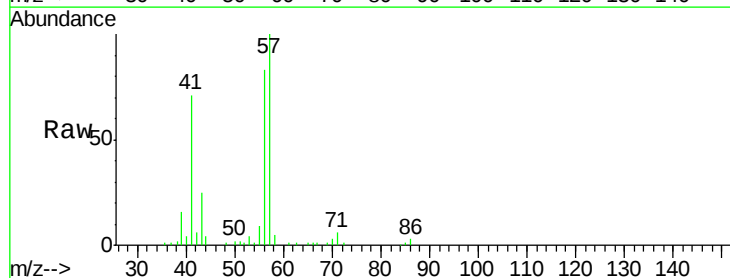
Tgt Ion: 53 Resp: 1067

Ion Ratio Lower Upper

53 100

52 17.8 66.5 99.7#

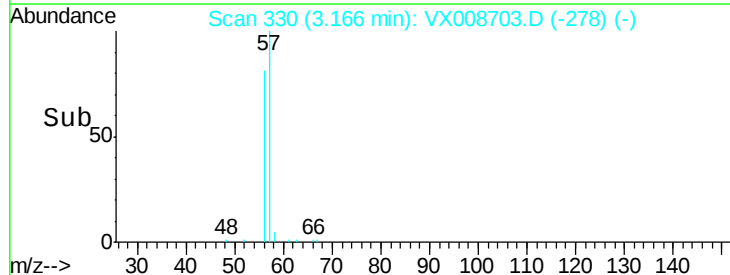
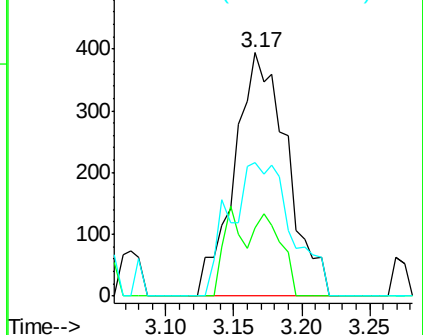
51 64.1 28.6 42.8#

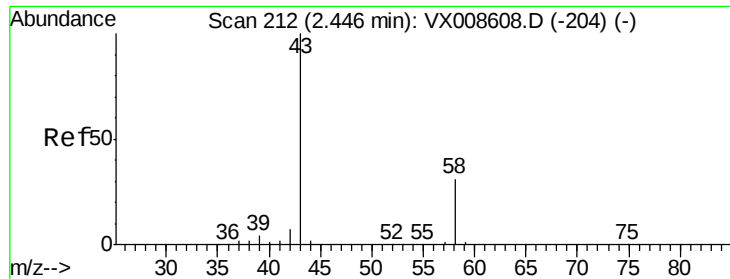


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 8.828 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampled :

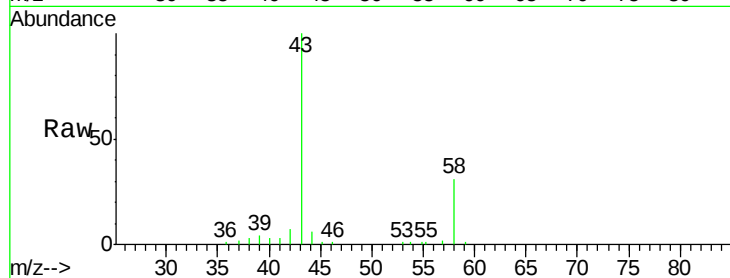
S8-0700

Tot Ion: 43 Resp: 15253

Ion Ratio Lower Upper

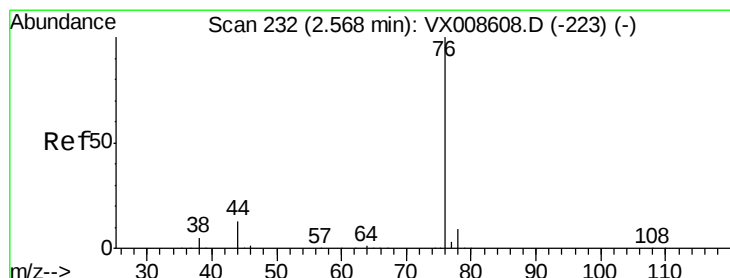
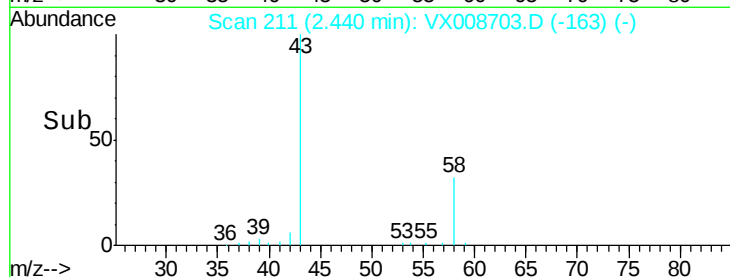
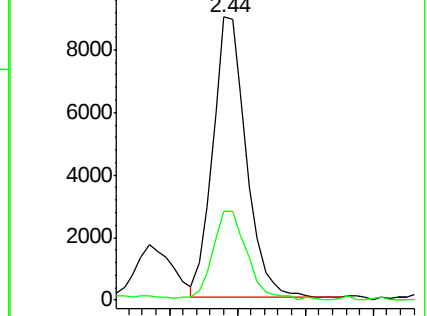
43 100

58 31.1 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: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008703.D

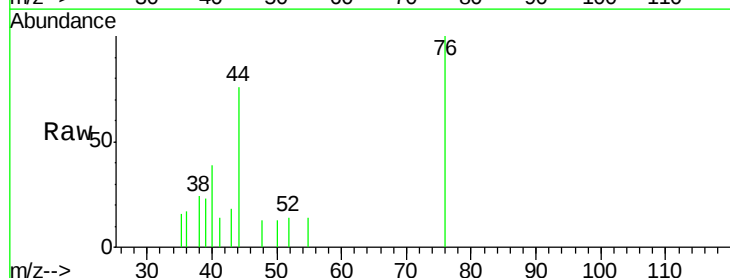
Acq: 05 Apr 2019 23:36

Tgt Ion: 76 Resp: 689

Ion Ratio Lower Upper

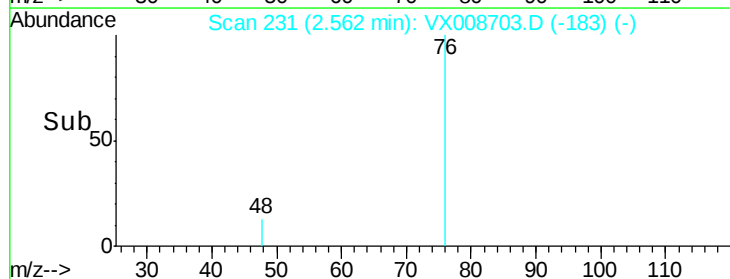
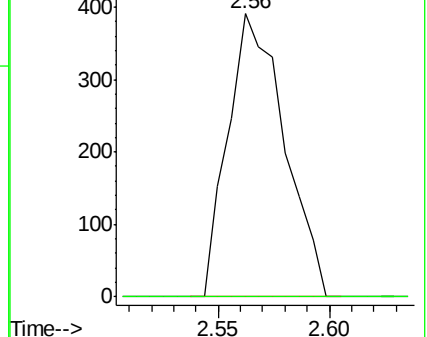
76 100

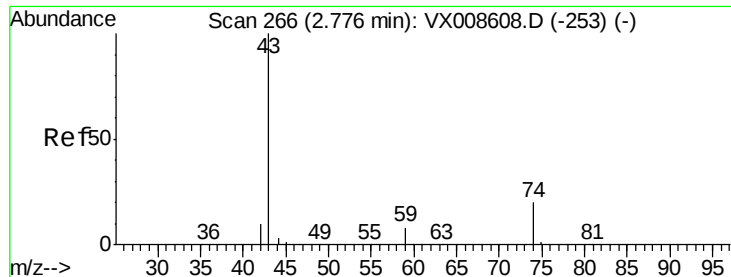
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

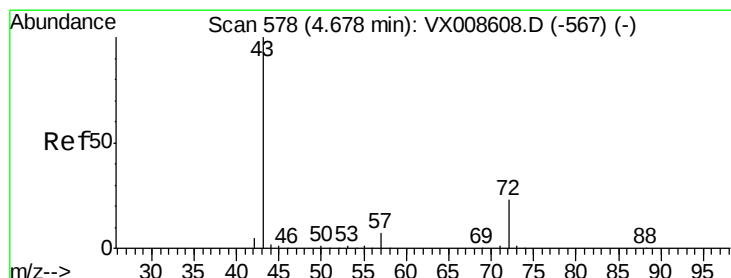
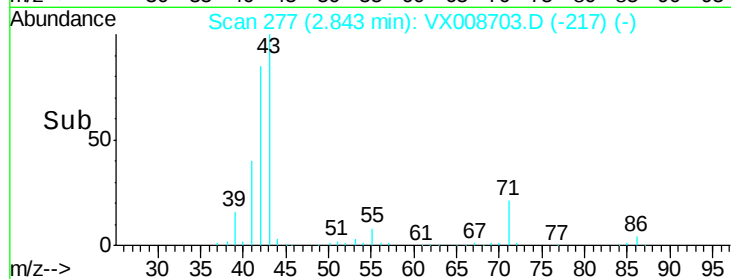
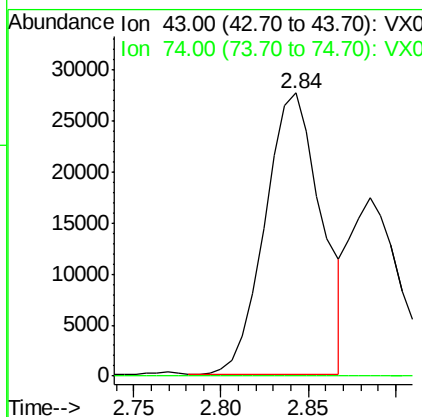
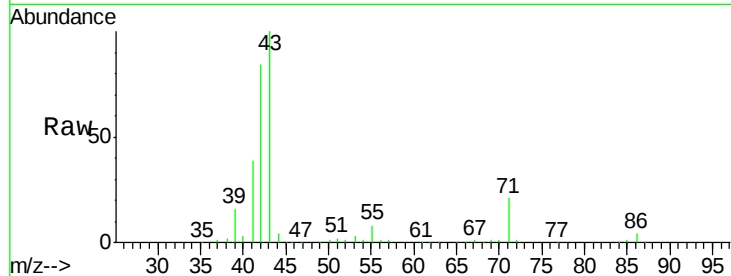




#18
Methyl Acetate
Concen: 14.713 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

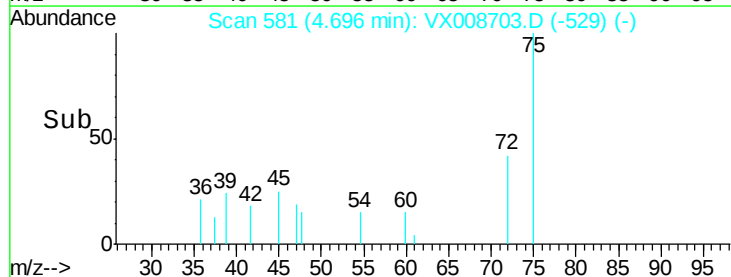
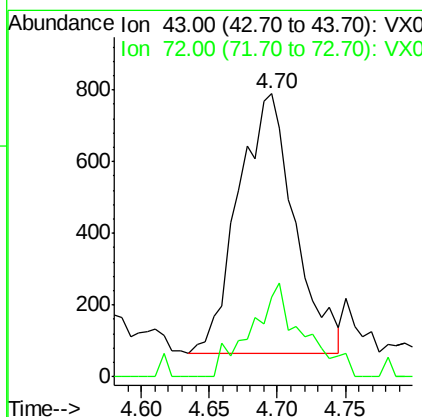
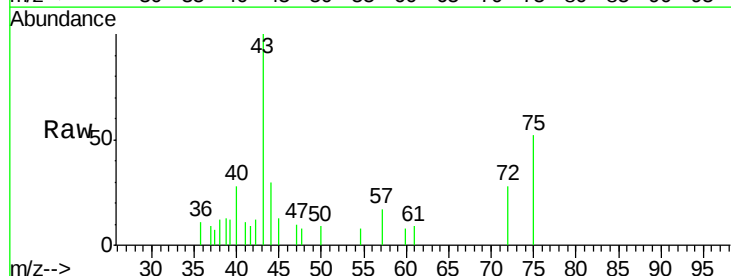
Instrument :
MSVOA_X
ClientSampled :
S8-0700

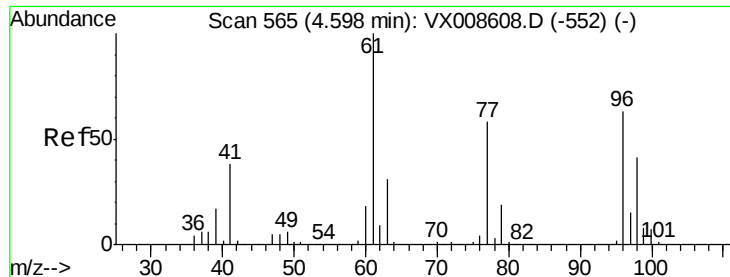
Tot Ion: 43 Resp: 61655
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#25
2-Butanone
Concen: 0.765 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
72 31.0 18.2 27.4#



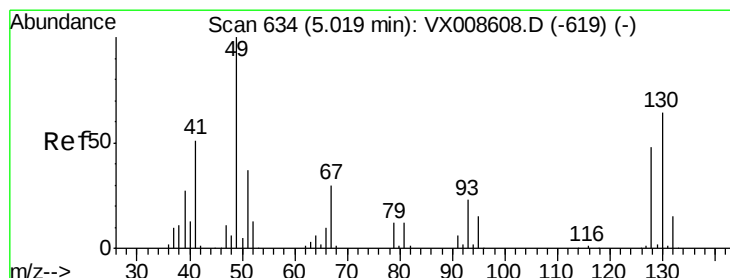
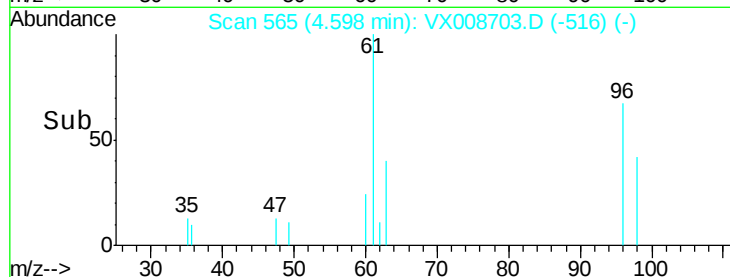
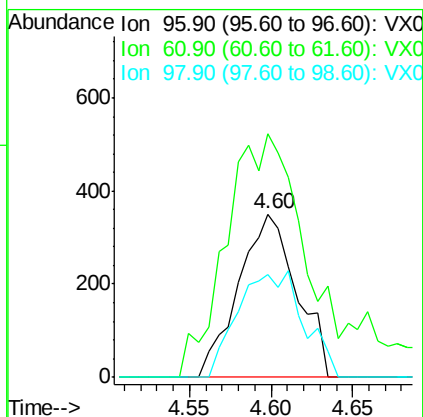
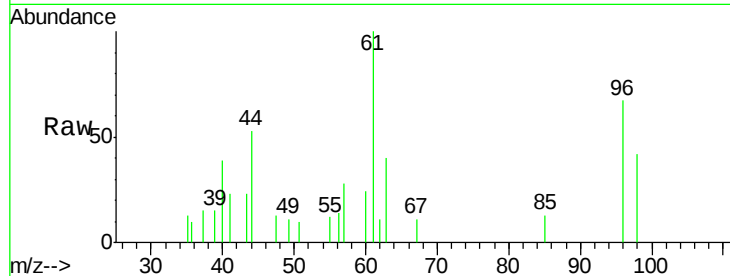


#27

cis-1,2-Dichloroethene
Concen: 0.293 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Instrument :
MSVOA_X
ClientSampleId :
S8-0700

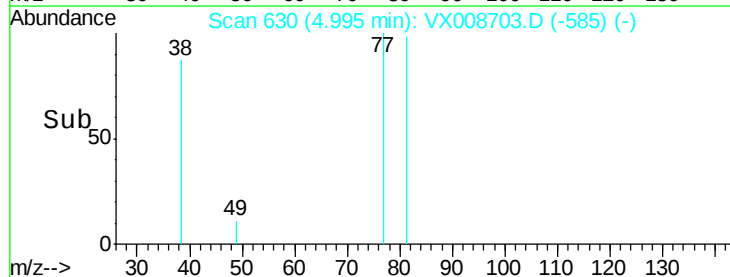
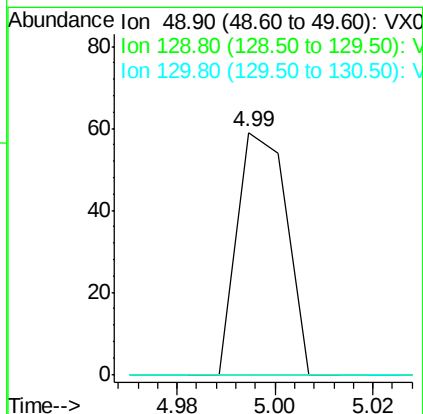
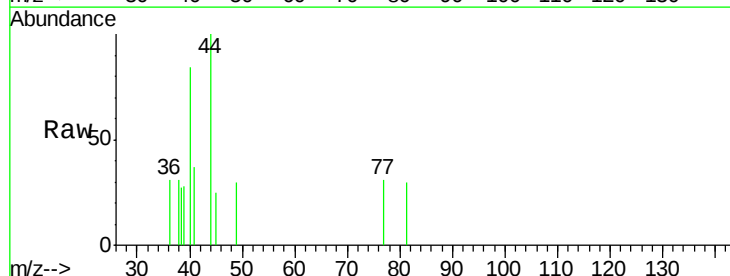
Tot Ion: 96 Resp: 865
Ion Ratio Lower Upper
96 100
61 0.0 0.0 327.6
98 73.3 0.0 128.6

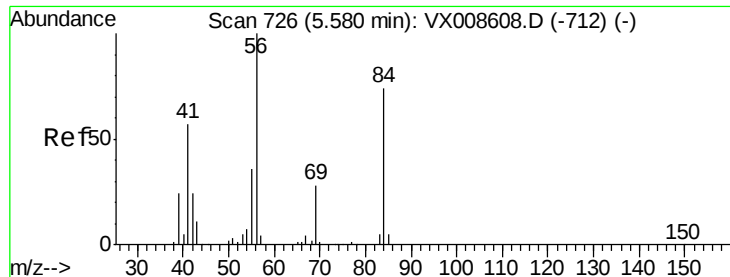


#28

Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 630
Delta R.T. -0.02 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 49 Resp: 41
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 49.3 73.9#

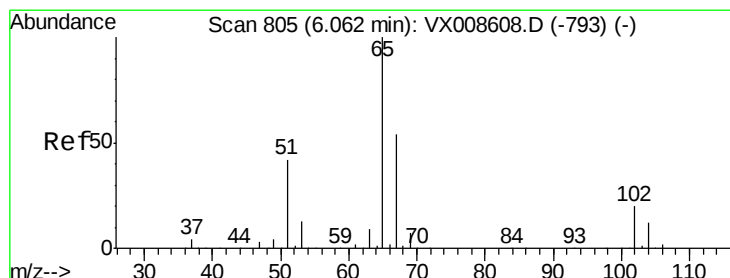
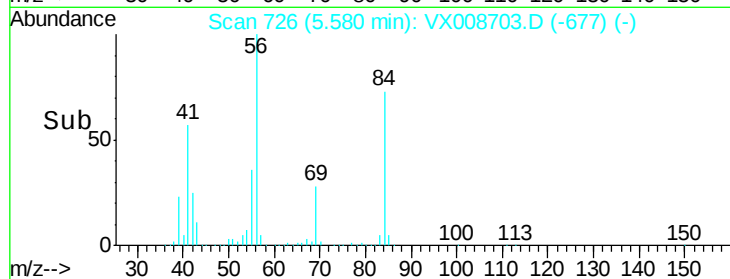
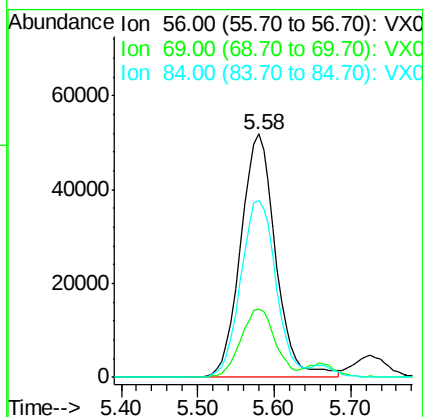
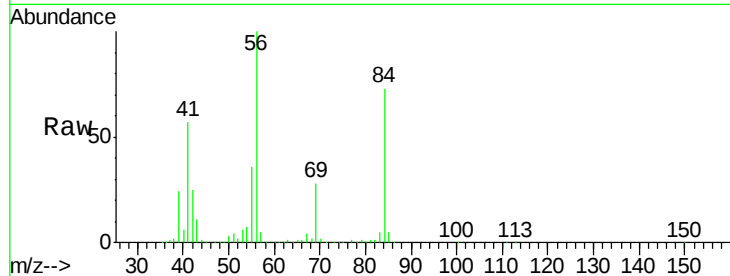




#31
Cyclohexane
Concen: 31.789 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

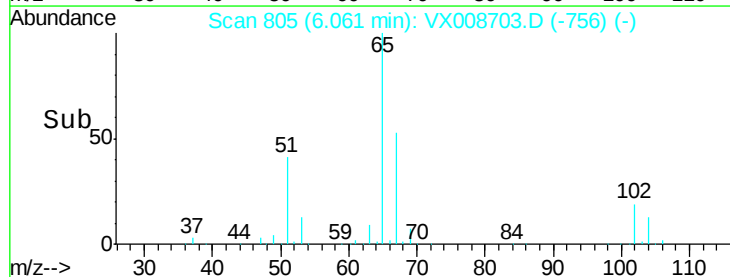
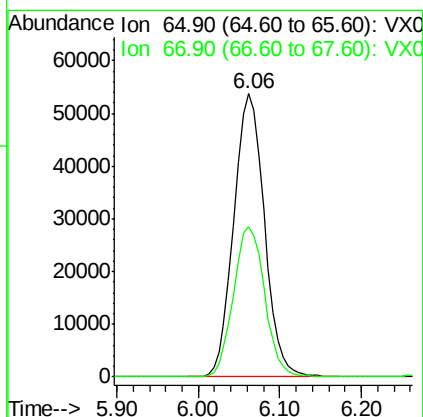
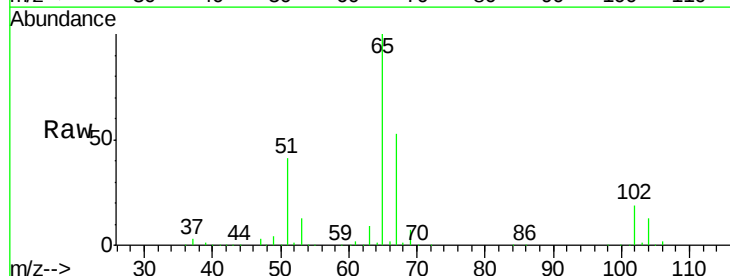
Instrument :
MSVOA_X
ClientSampleId :
S8-0700

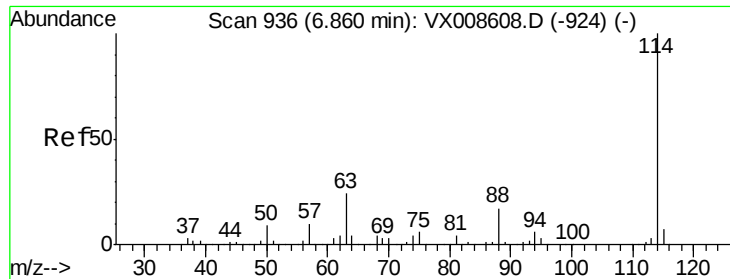
Tot Ion: 56 Resp: 164771
Ion Ratio Lower Upper
56 100
69 27.8 22.6 33.8
84 72.5 59.3 88.9



#33
1,2-Dichloroethane-d4
Concen: 46.622 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 65 Resp: 139863
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2

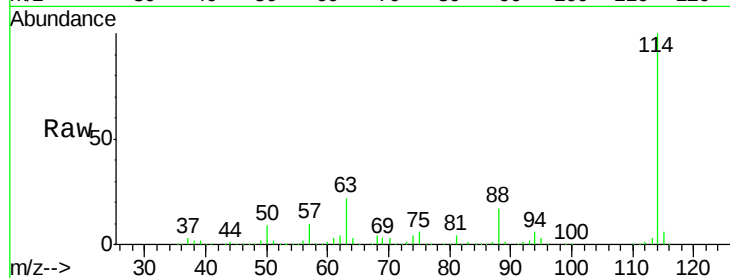




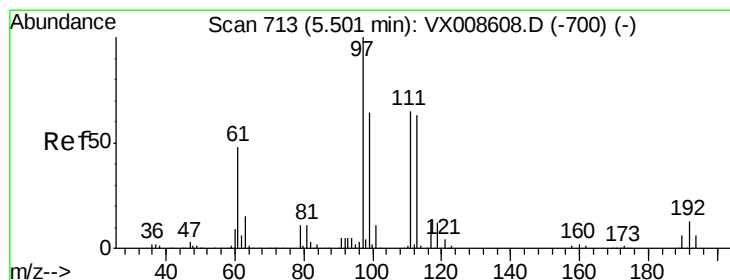
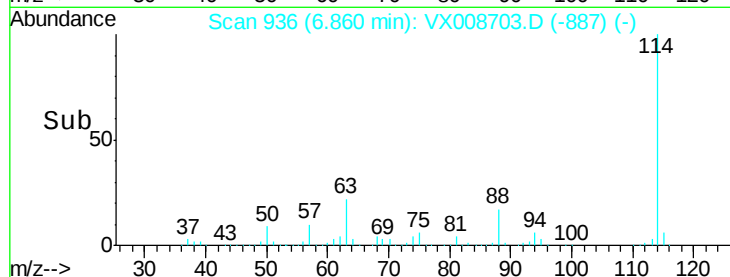
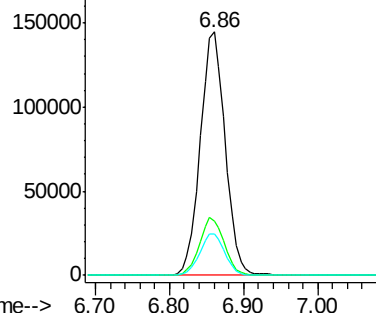
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0700

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.2
88	17.0	0.0	34.0

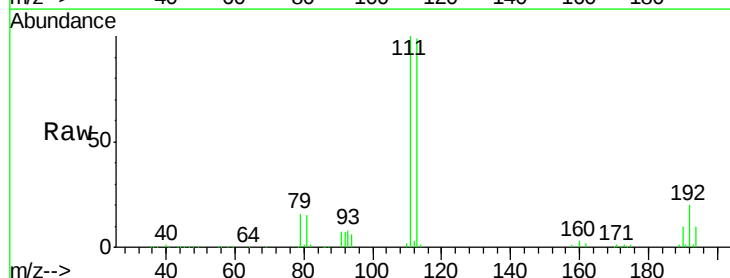


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

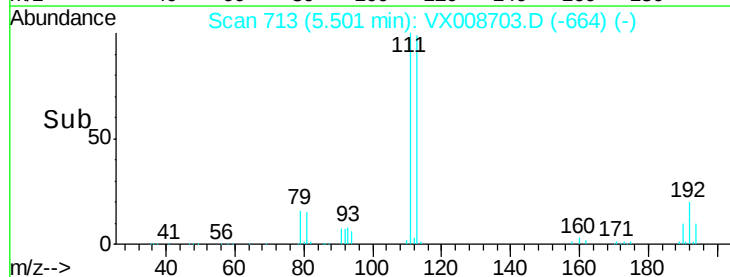
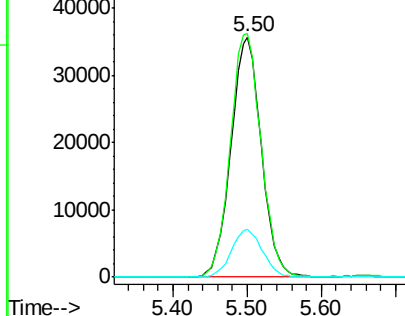


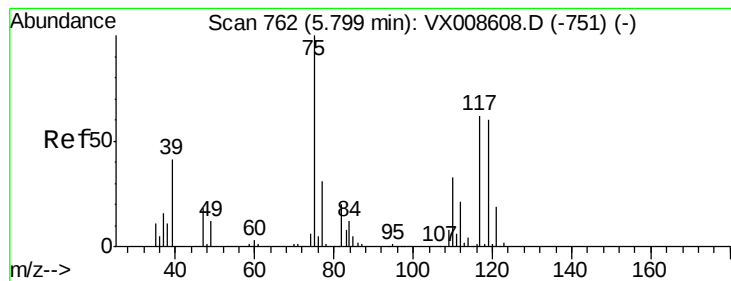
#35
 Dibromofluoromethane
 Concen: 47.061 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	20.3	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: 4.537 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

S8-0700

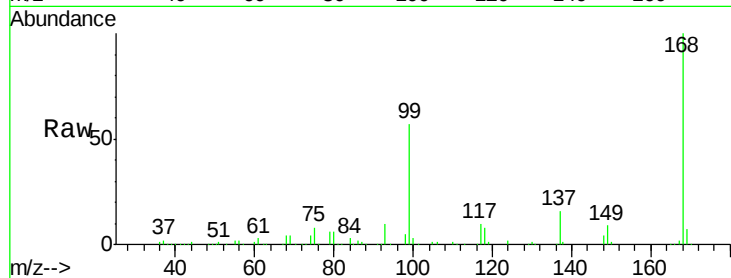
Tot Ion: 75 Resp: 16832

Ion Ratio Lower Upper

75 100

110 8.4 16.4 49.2#

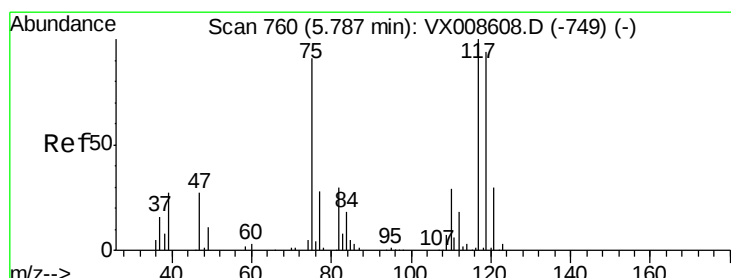
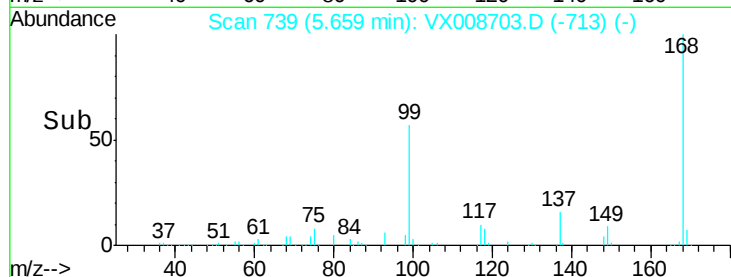
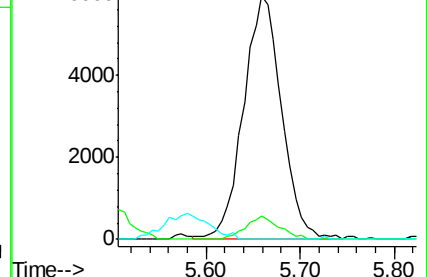
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX008608.D (-751) (-)

Ion 109.90 (109.60 to 110.60): VX008608.D (-751) (-)

Ion 76.90 (76.60 to 77.60): VX008608.D (-751) (-)



#38

Carbon Tetrachloride

Concen: 6.372 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

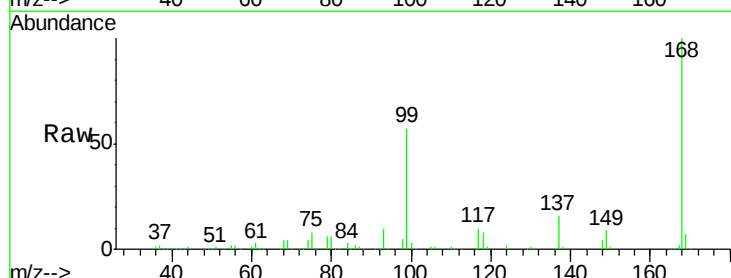
Tgt Ion: 117 Resp: 19564

Ion Ratio Lower Upper

117 100

119 5.2 75.0 112.6#

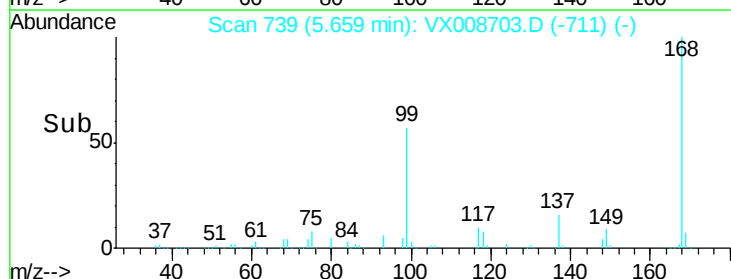
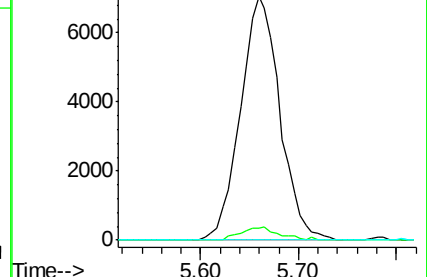
121 0.0 24.3 36.5#

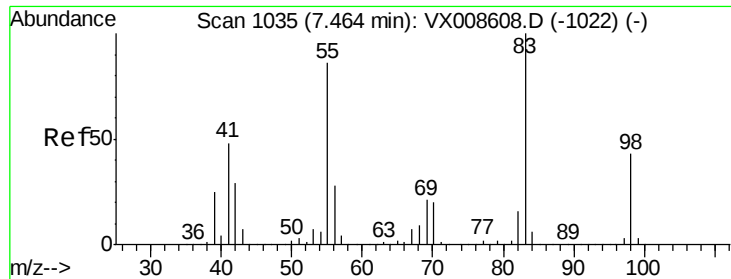


Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008608.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008608.D (-749) (-)

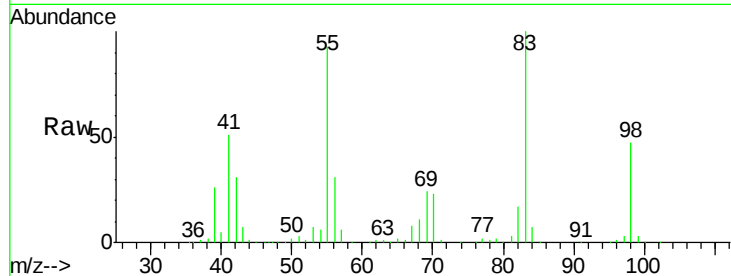




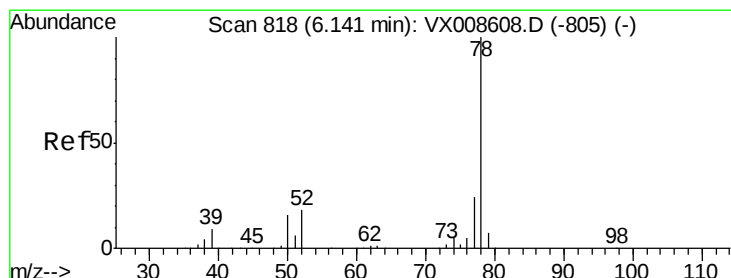
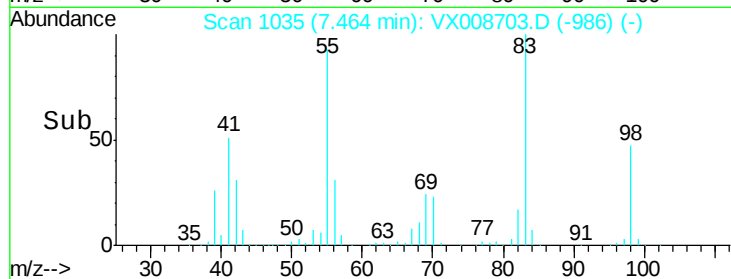
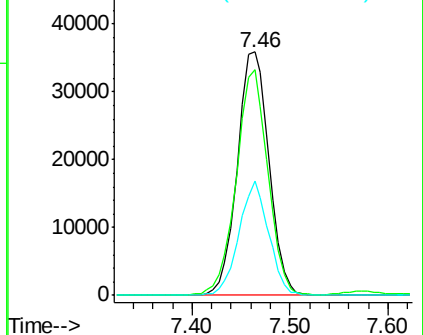
#39
Methvlcvclohexane
Concen: 17.575 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Instrument :
MSVOA_X
ClientSampleId :
S8-0700

Tot Ion: 83 Resp: 80539
Ion Ratio Lower Upper
83 100
55 92.7 69.0 103.6
98 47.0 34.4 51.6

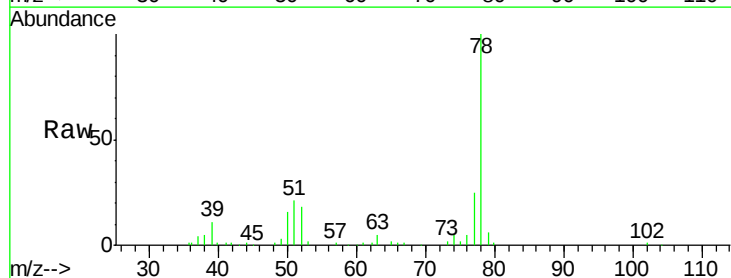


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

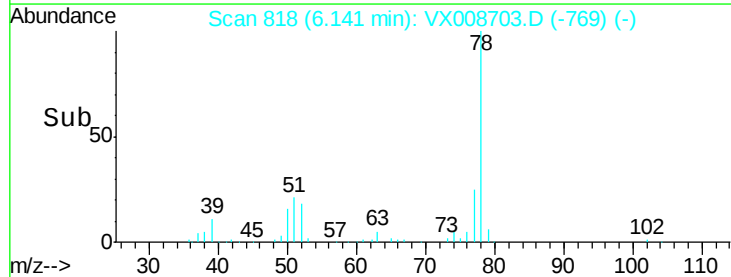
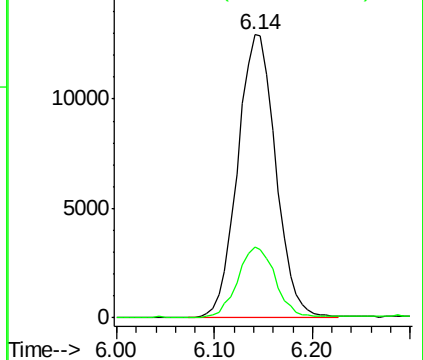


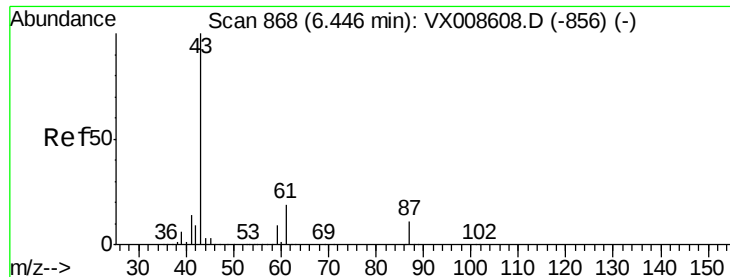
#40
Benzene
Concen: 3.170 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 78 Resp: 35034
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



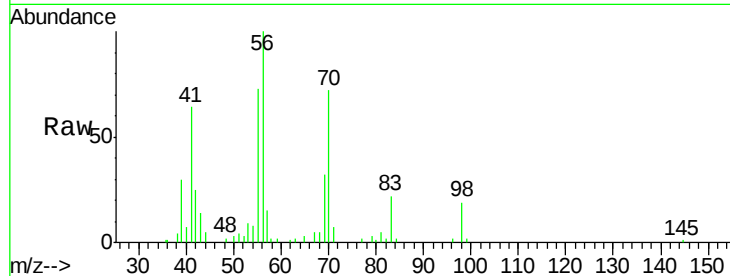


#43

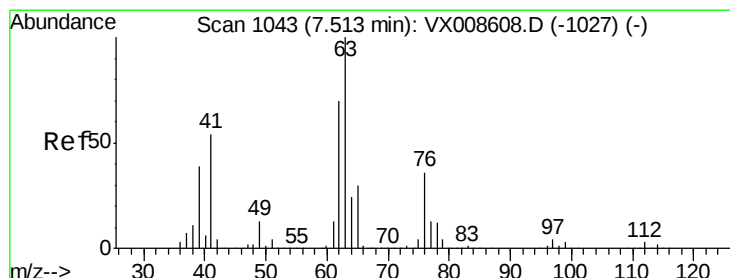
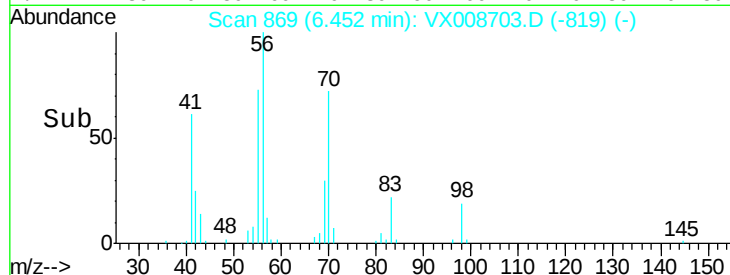
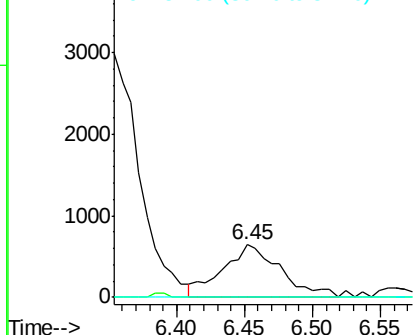
Isopropyl Acetate
 Concen: 0.245 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0700

Tot Ion: 43 Resp: 1902
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.3 22.9#
 87 0.0 9.0 13.6#



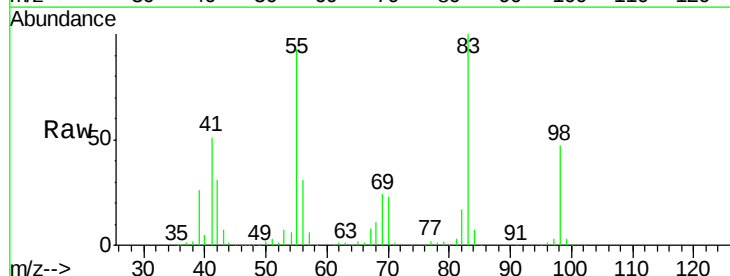
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



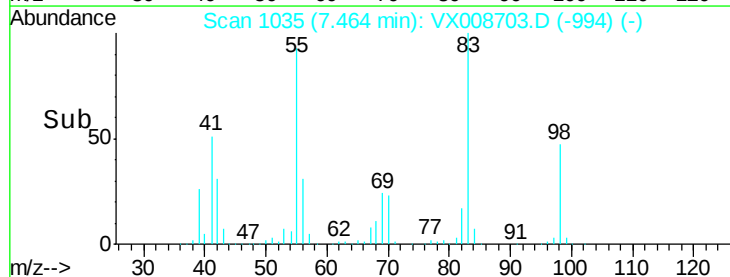
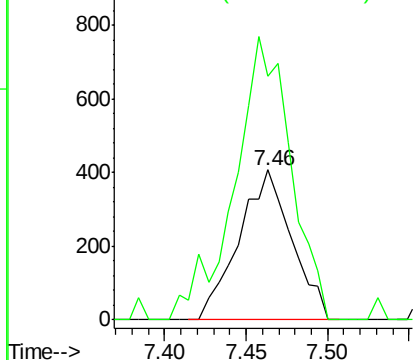
#45

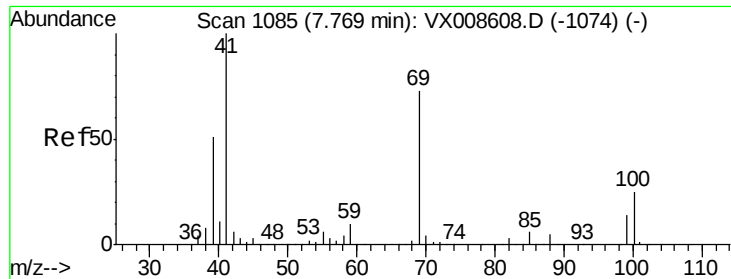
1,2-Dichloropropane
 Concen: 0.290 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Tgt Ion: 63 Resp: 915
 Ion Ratio Lower Upper
 63 100
 65 162.9 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

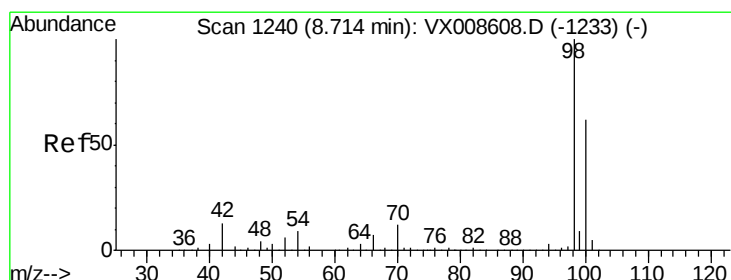
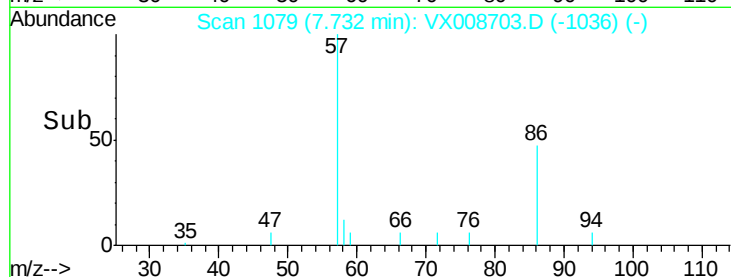
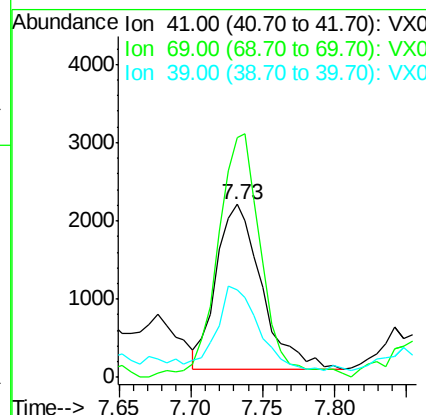
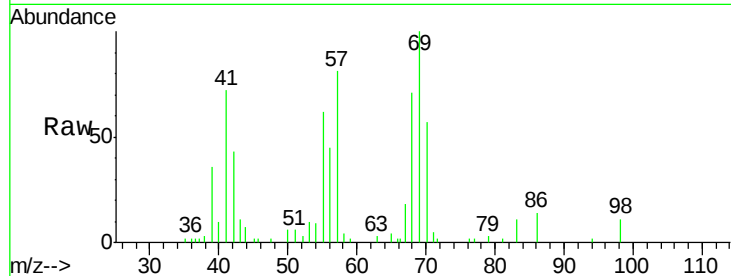




#48
Methvl methacrylate
Concen: 1.177 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

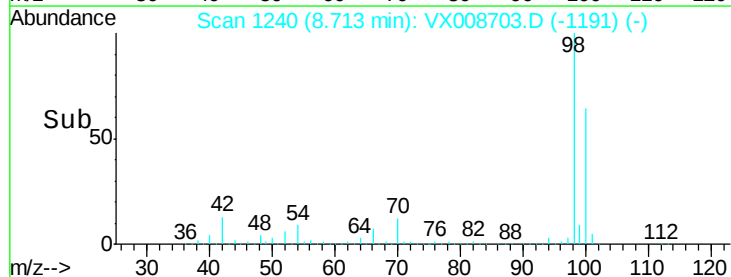
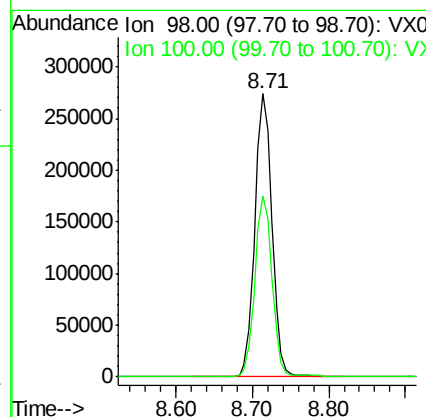
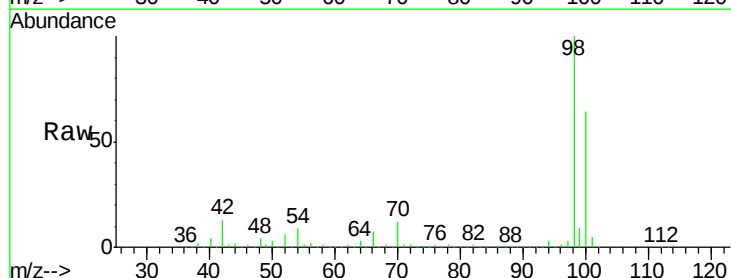
Instrument :
MSVOA_X
ClientSampleId :
S8-0700

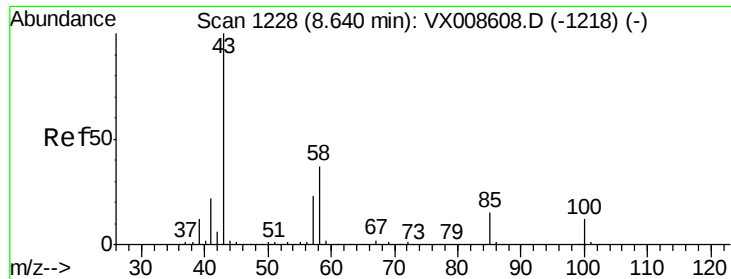
Tot Ion: 41 Resp: 4618
Ion Ratio Lower Upper
41 100
69 143.0 59.0 88.4#
39 46.0 41.0 61.4



#50
Toluene-d8
Concen: 49.759 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 98 Resp: 429896
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.543 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampled :

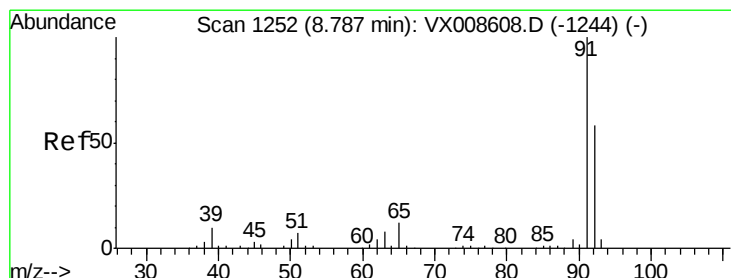
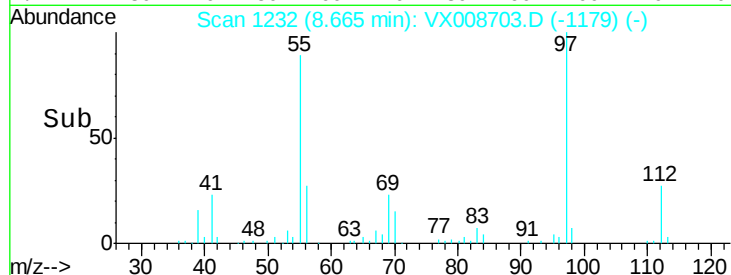
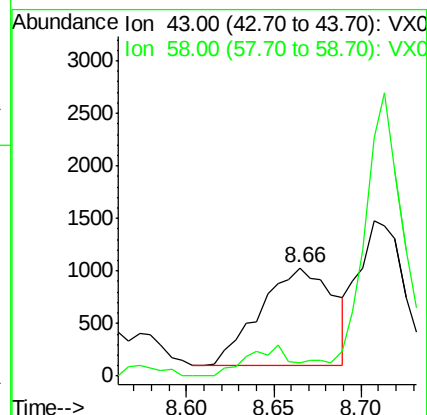
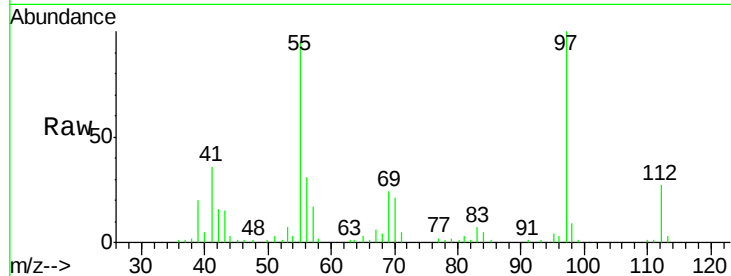
S8-0700

Tot Ion: 43 Resp: 2709

Ion Ratio Lower Upper

43 100

58 18.3 29.5 44.3#



#52

Toluene

Concen: 1.625 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008703.D

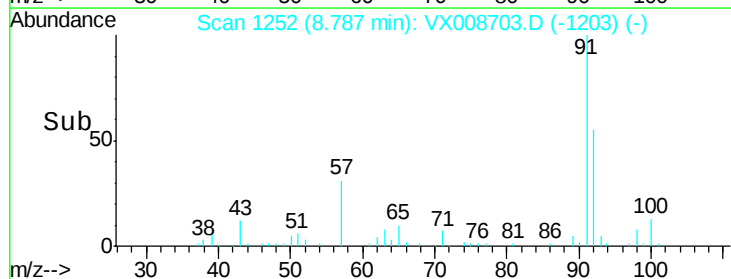
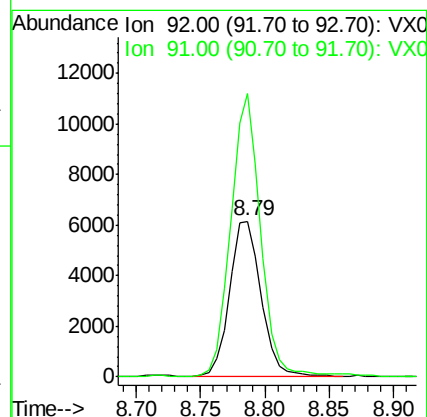
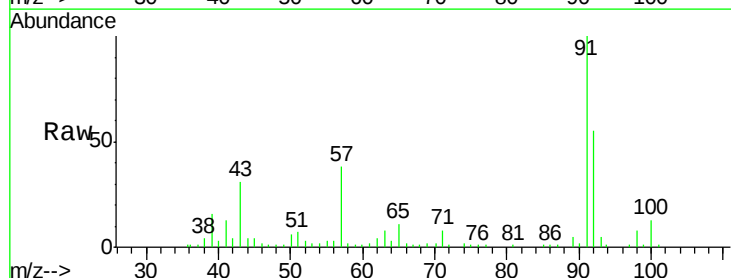
Acq: 05 Apr 2019 23:36

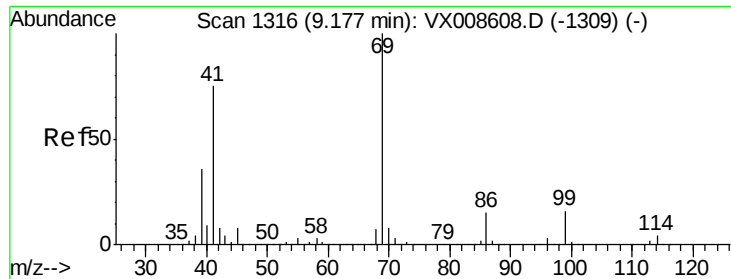
Tgt Ion: 92 Resp: 10587

Ion Ratio Lower Upper

92 100

91 171.0 138.5 207.7





#56

Ethyl methacrylate

Concen: 0.356 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

S8-0700

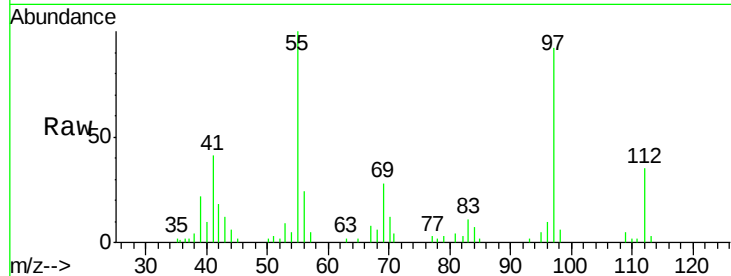
Tot Ion: 69 Resp: 1684

Ion Ratio Lower Upper

69 100

41 125.2 60.1 90.1#

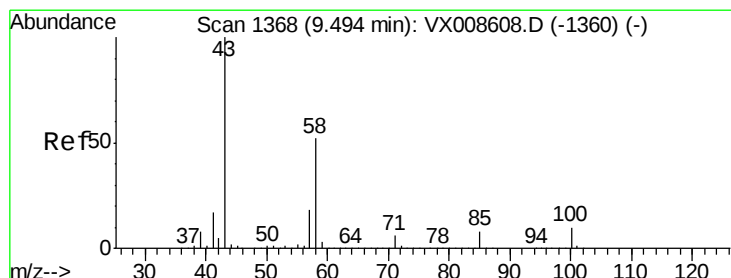
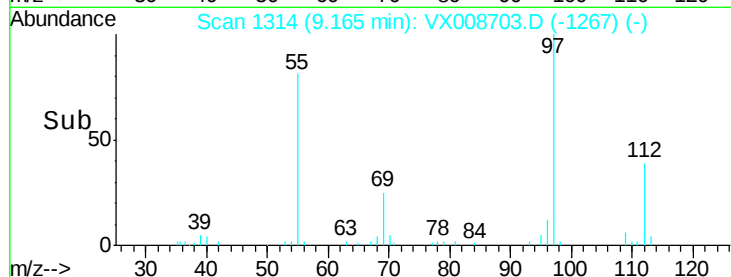
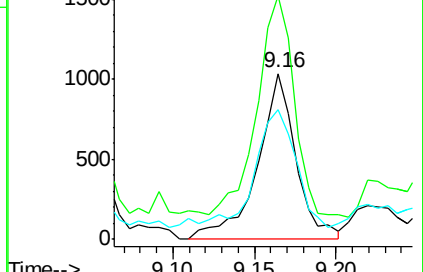
39 76.8 28.9 43.3#



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: 5.349 ug/l

RT: 9.52 min Scan# 1372

Delta R.T. 0.02 min

Lab File: VX008703.D

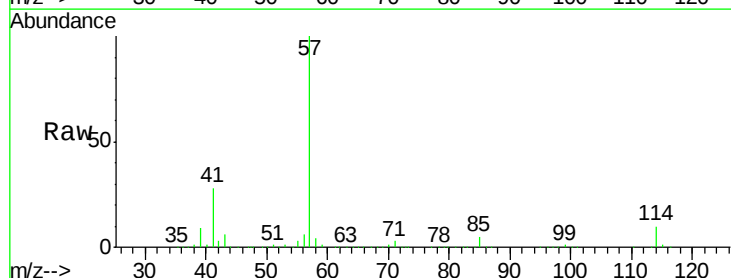
Acq: 05 Apr 2019 23:36

Tgt Ion: 43 Resp: 20757

Ion Ratio Lower Upper

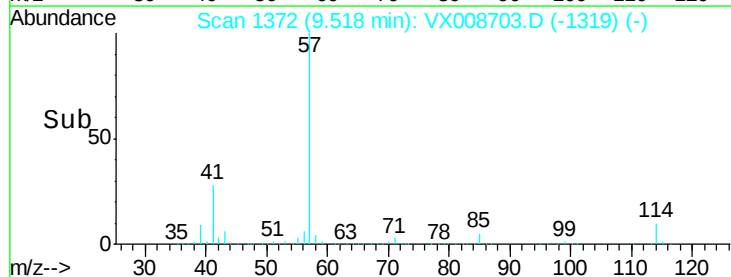
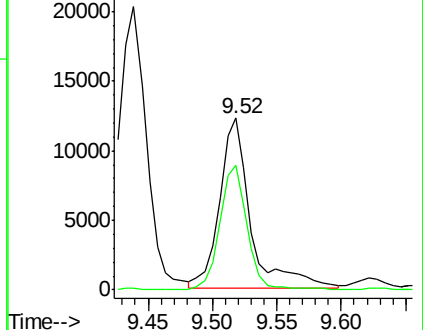
43 100

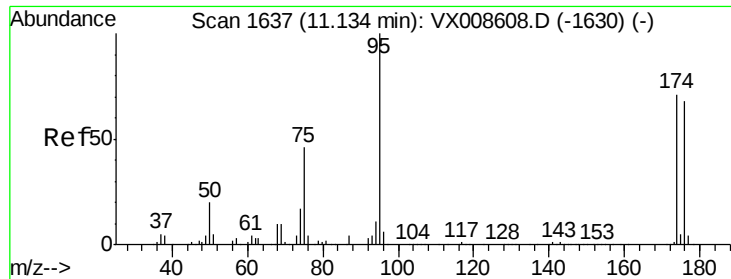
58 64.2 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

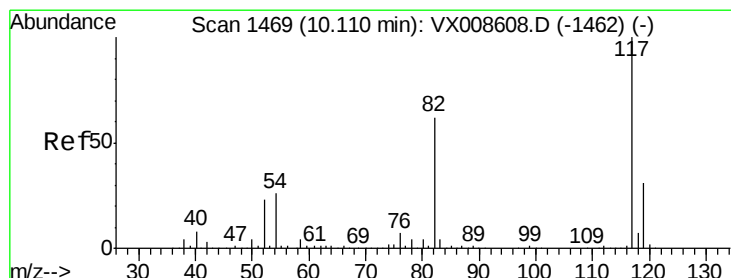
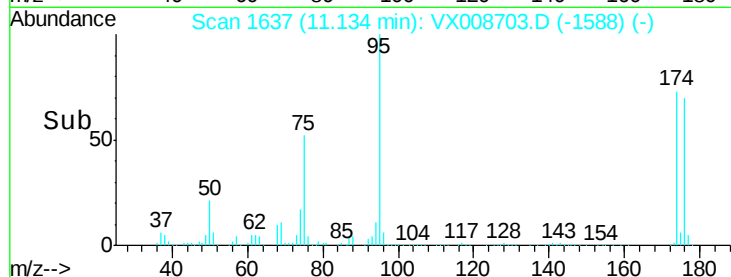
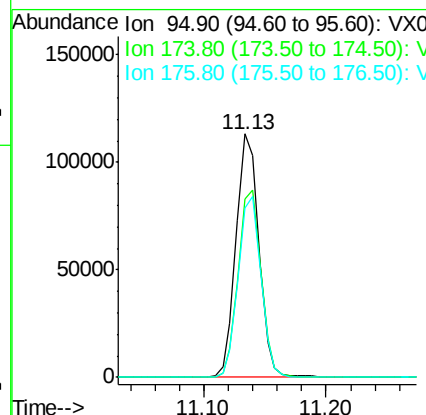
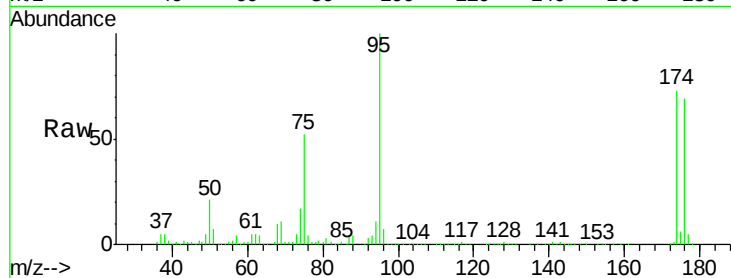




#62
4-Bromofluorobenzene
Concen: 47.345 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

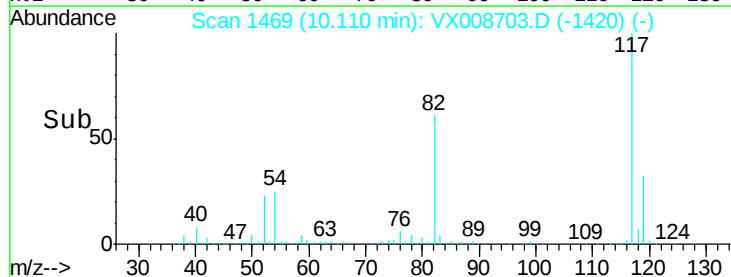
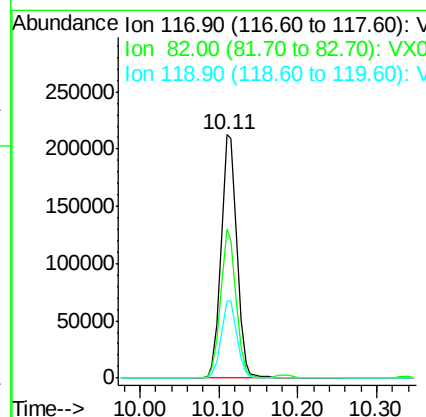
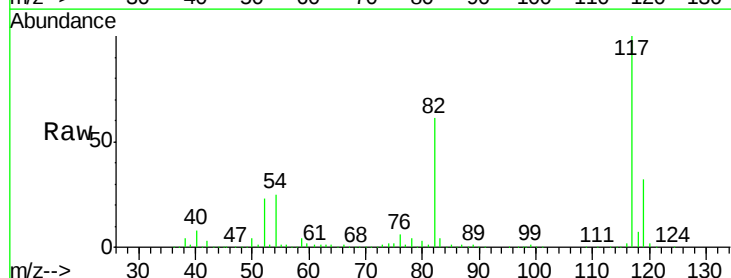
Instrument :
MSVOA_X
ClientSampleId :
S8-0700

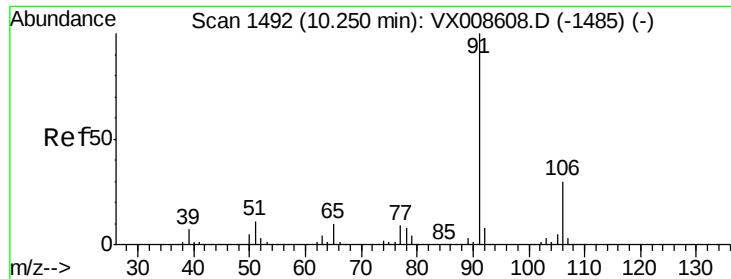
Tot Ion: 95 Resp: 145053
Ion Ratio Lower Upper
95 100
174 77.2 0.0 151.8
176 74.3 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 117 Resp: 297980
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 31.6 25.0 37.4





#67

Ethyl Benzene

Concen: 134.472 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

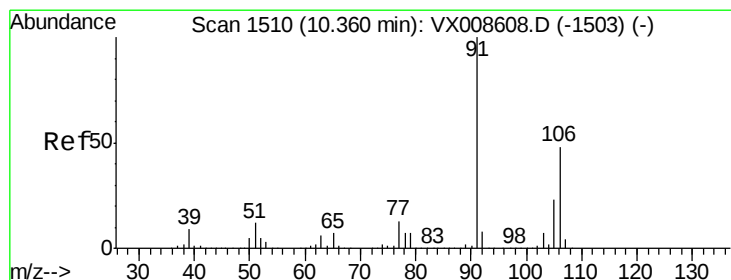
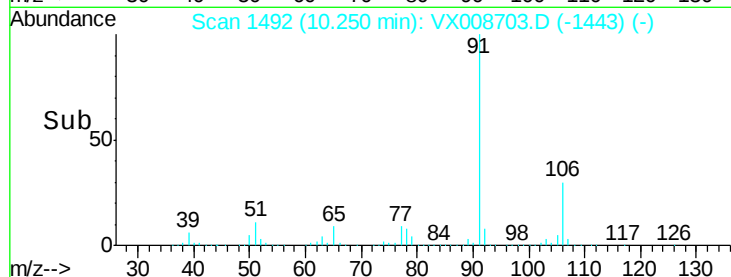
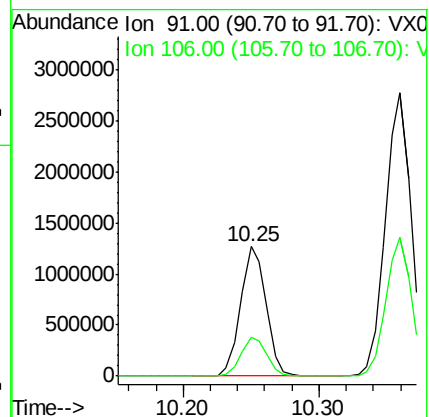
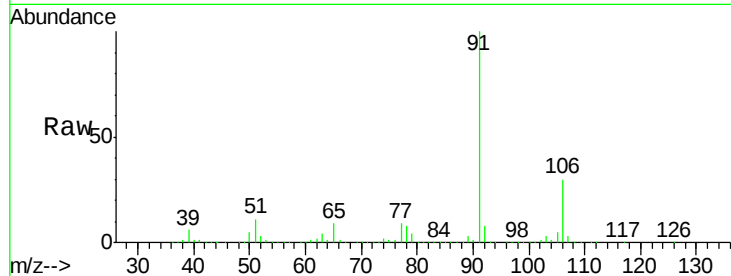
S8-0700

Tot Ion: 91 Resp: 1656253

Ion Ratio Lower Upper

91 100

106 30.1 23.7 35.5



#68

m/p-Xylenes

Concen: 400.259 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008703.D

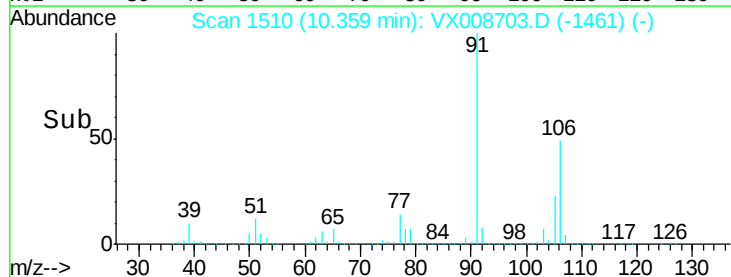
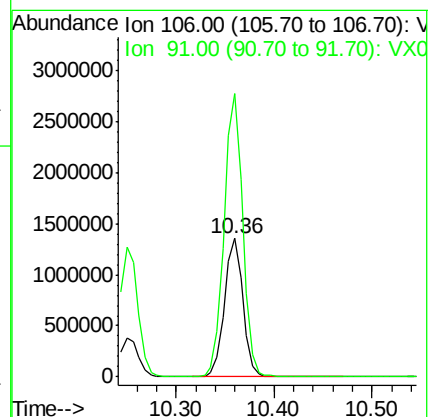
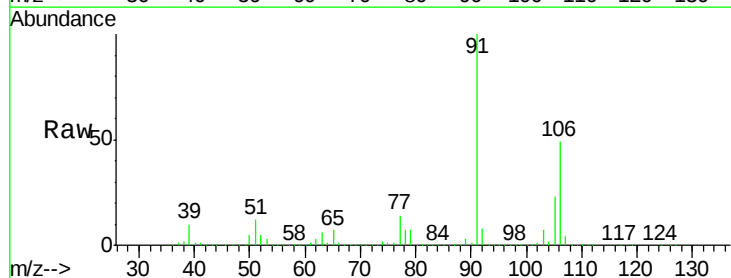
Acq: 05 Apr 2019 23:36

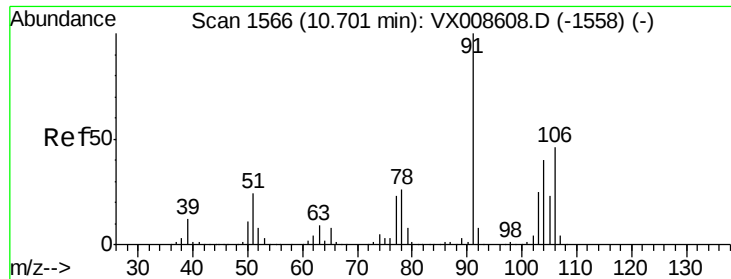
Tgt Ion: 106 Resp: 1772550

Ion Ratio Lower Upper

106 100

91 206.6 168.5 252.7

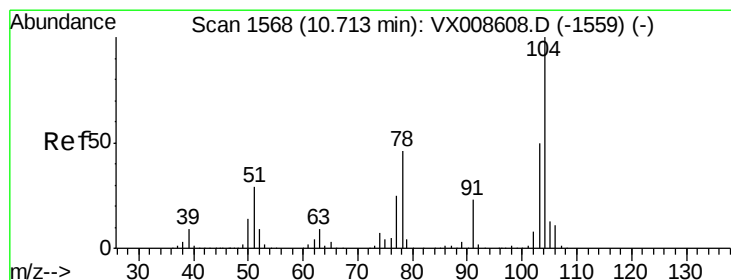
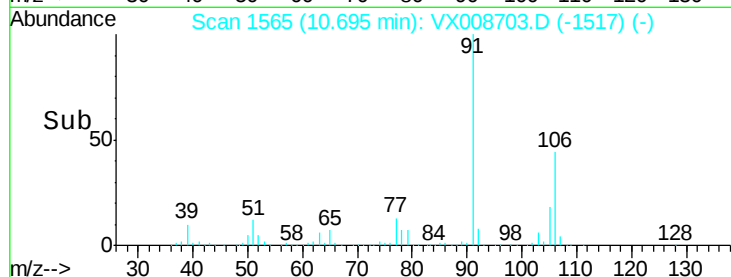
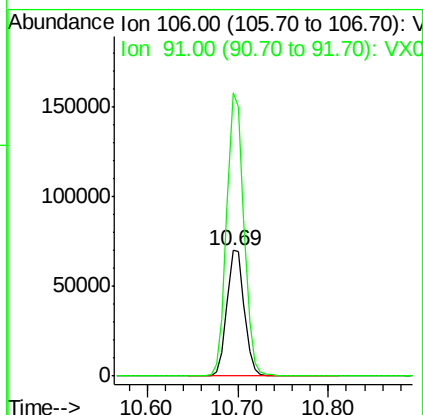
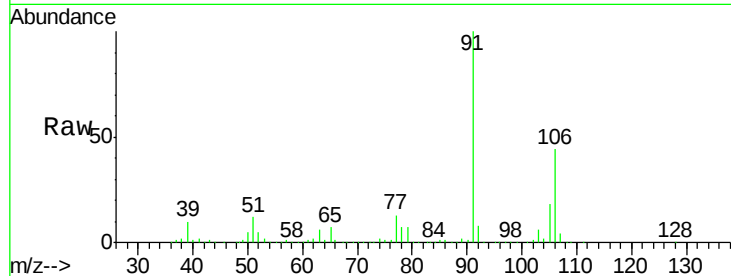




#69
o-Xylene
Concen: 21.907 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

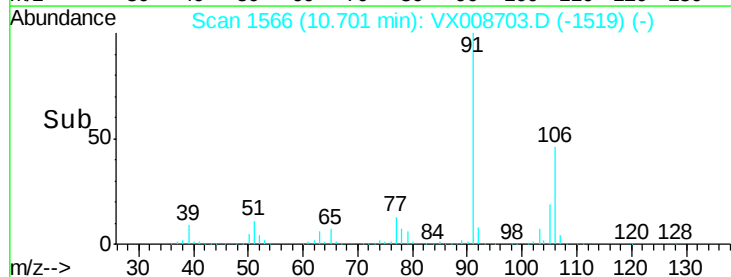
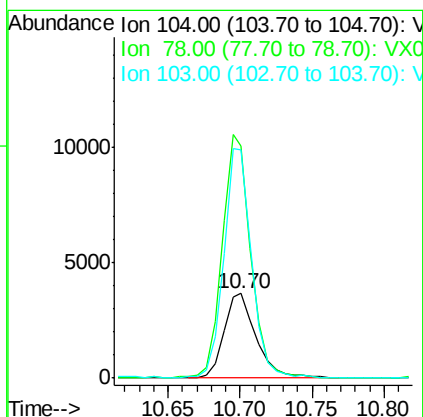
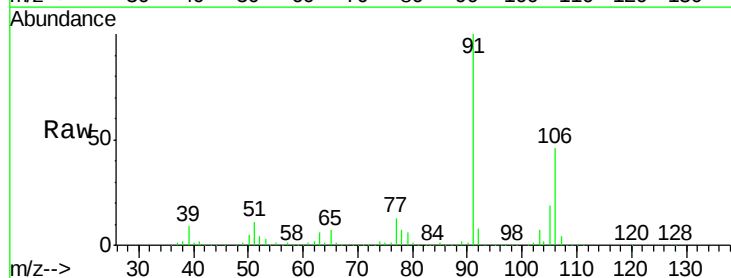
Instrument :
MSVOA_X
ClientSampleId :
S8-0700

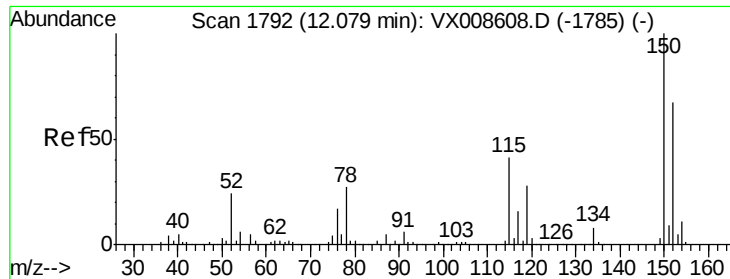
Tot Ion:106 Resp: 94017
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4



#70
Styrene
Concen: 0.778 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:104 Resp: 5753
Ion Ratio Lower Upper
104 100
78 255.2 42.3 63.5#
103 236.1 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampled :

S8-0700

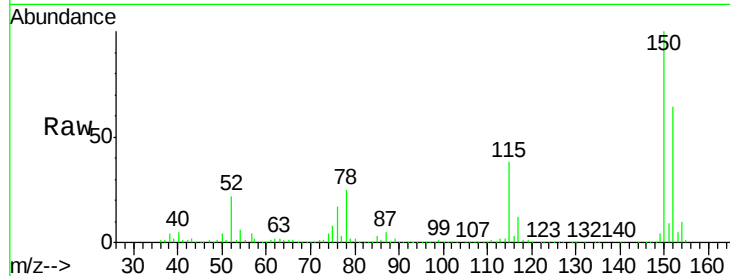
Tot Ion:152 Resp: 125351

Ion Ratio Lower Upper

152 100

115 60.5 43.5 130.5

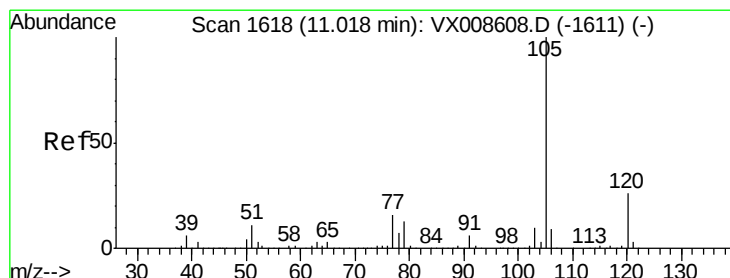
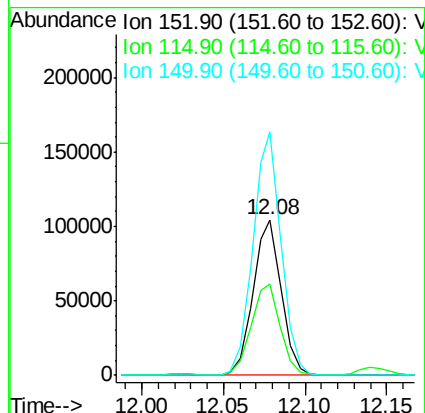
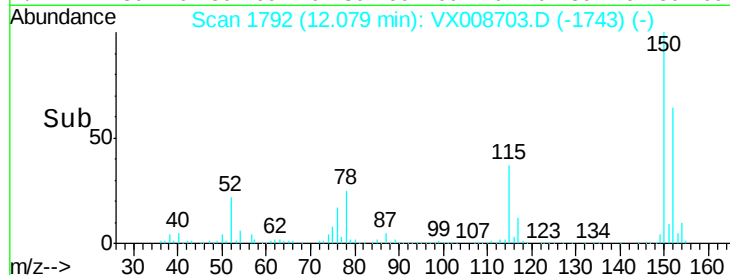
150 157.3 0.0 348.8



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: 5.383 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008703.D

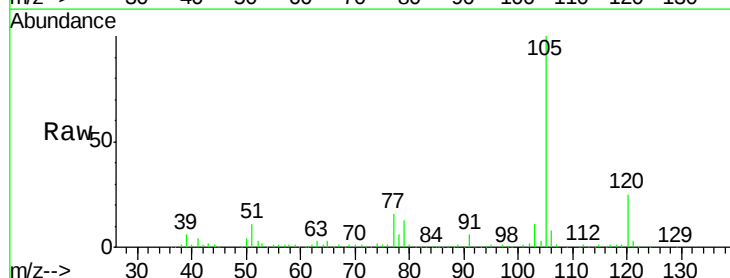
Acq: 05 Apr 2019 23:36

Tgt Ion:105 Resp: 55917

Ion Ratio Lower Upper

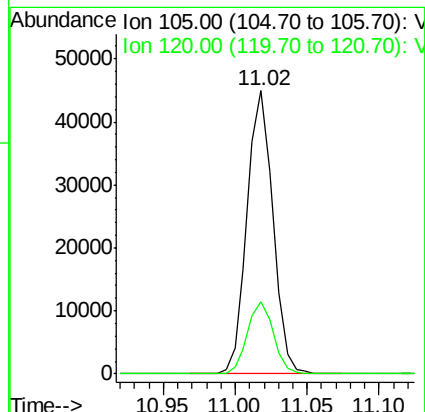
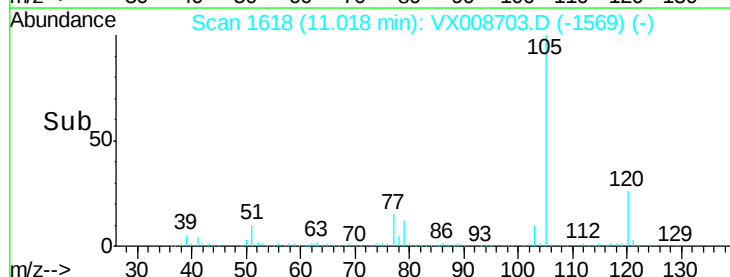
105 100

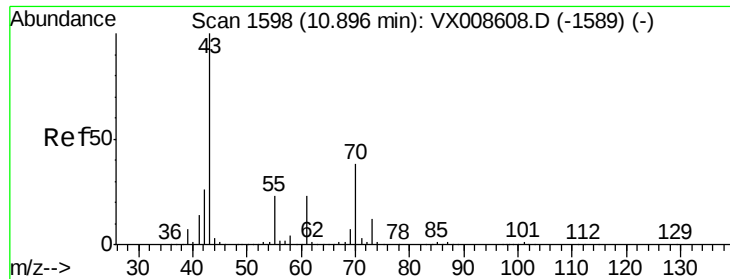
120 25.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.771 ug/l

RT: 10.95 min Scan# 1607

Delta R.T. 0.05 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

S8-0700

Tot Ion: 43 Resp: 10823

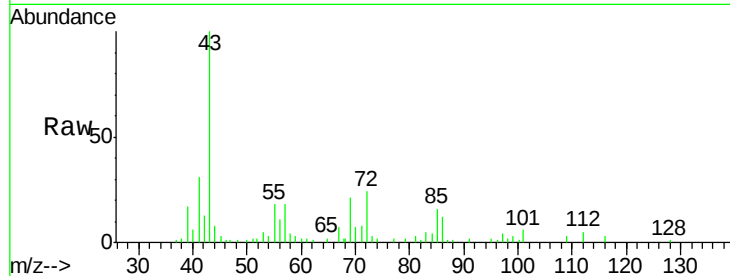
Ion Ratio Lower Upper

43 100

70 0.0 30.2 45.4#

55 0.0 18.2 27.4#

61 0.0 18.6 28.0#

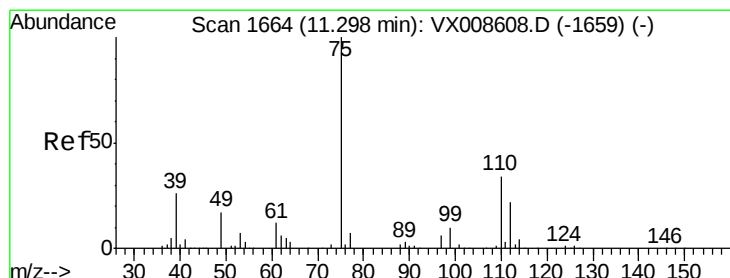
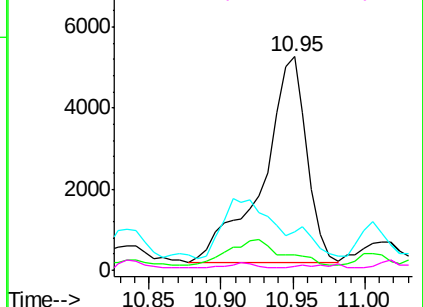
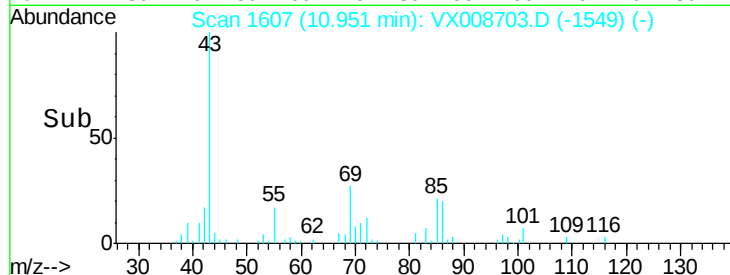


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.817 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX008703.D

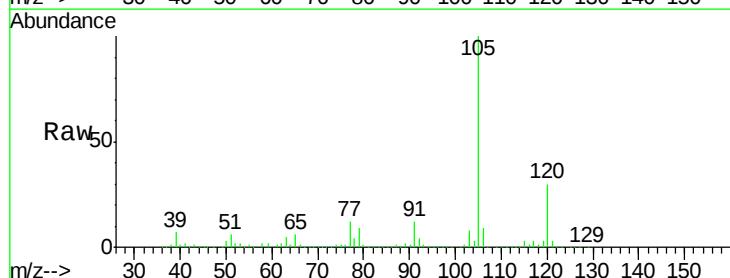
Acq: 05 Apr 2019 23:36

Tgt Ion: 75 Resp: 2813

Ion Ratio Lower Upper

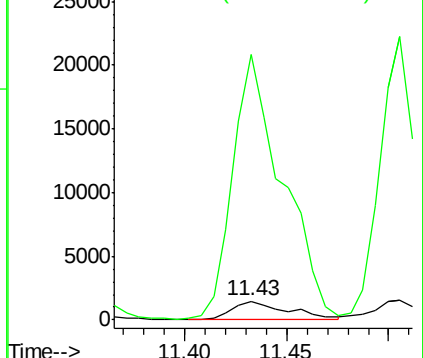
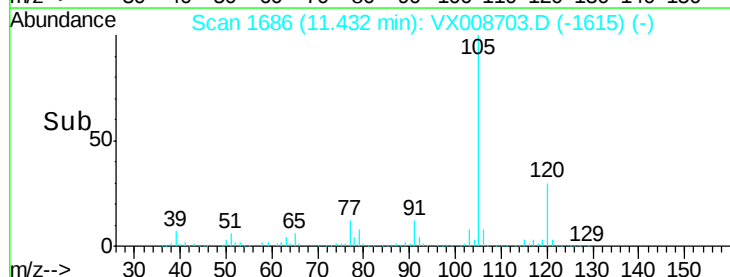
75 100

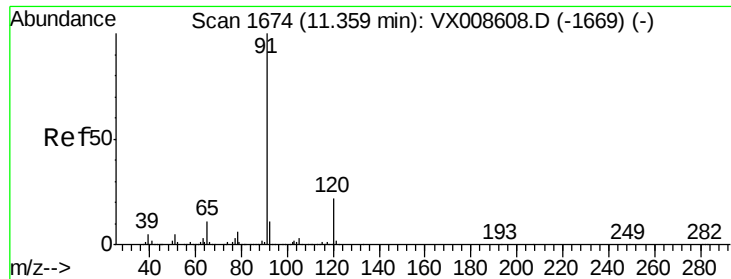
77 1248.3 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.930 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008703.D

Acq: 05 Apr 2019 23:36

Instrument :

MSVOA_X

ClientSampleId :

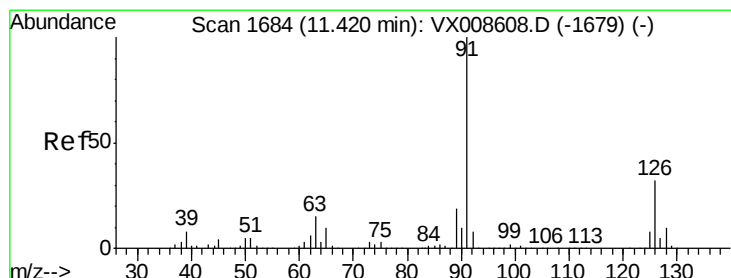
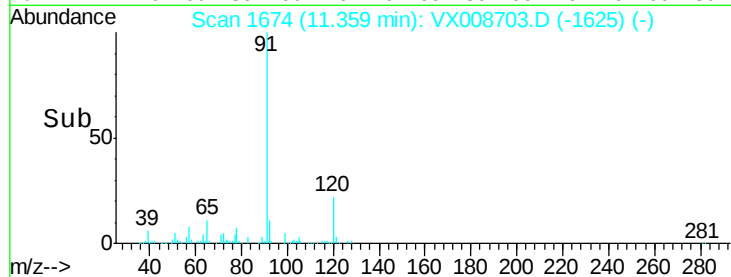
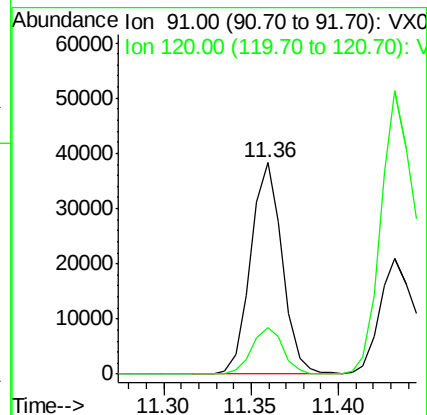
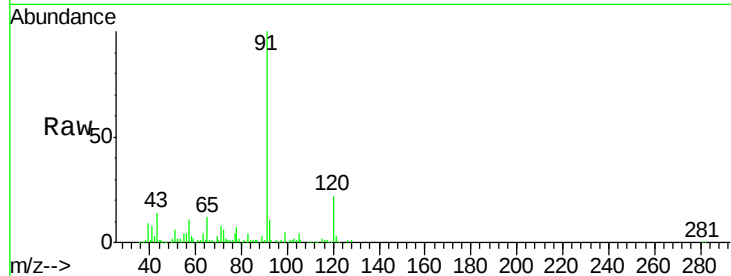
S8-0700

Tot Ion: 91 Resp: 47538

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.7



#79

2-Chlorotoluene

Concen: 4.759 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX008703.D

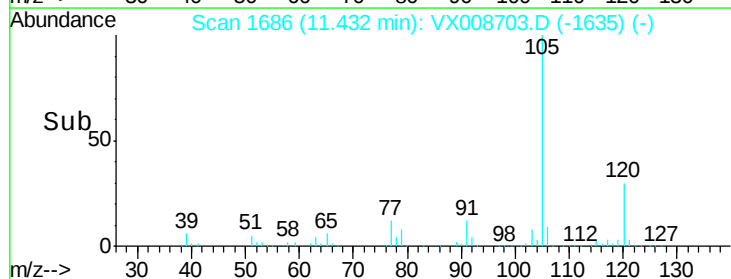
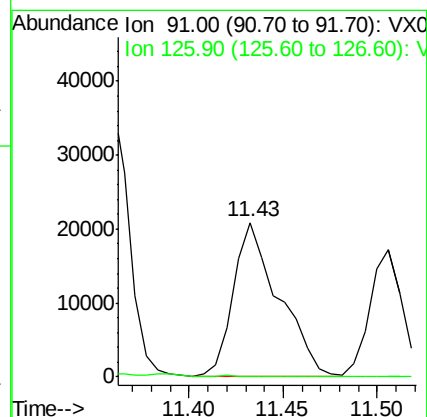
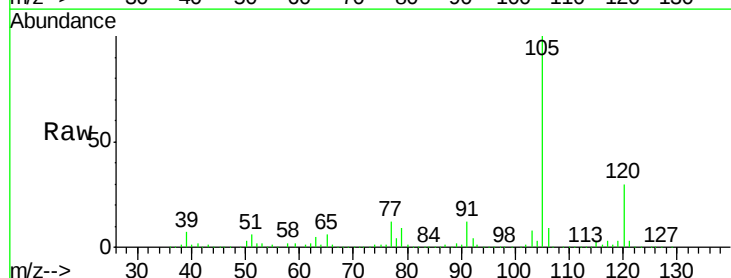
Acq: 05 Apr 2019 23:36

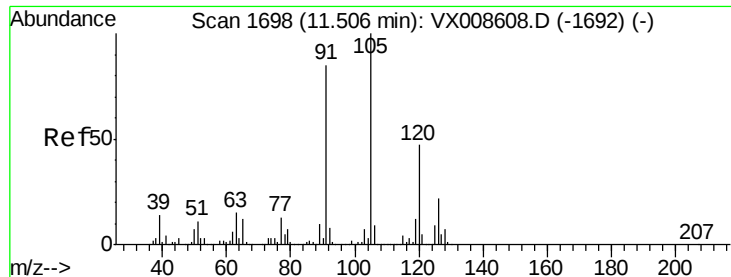
Tgt Ion: 91 Resp: 34837

Ion Ratio Lower Upper

91 100

126 0.8 16.1 48.3#

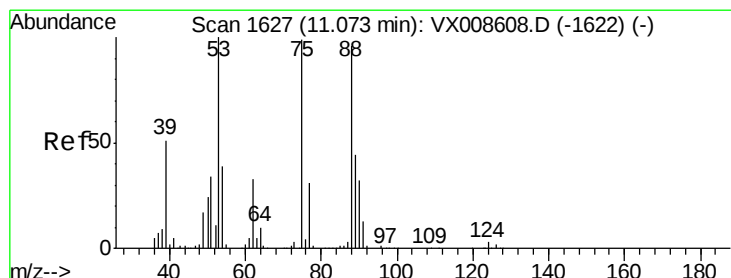
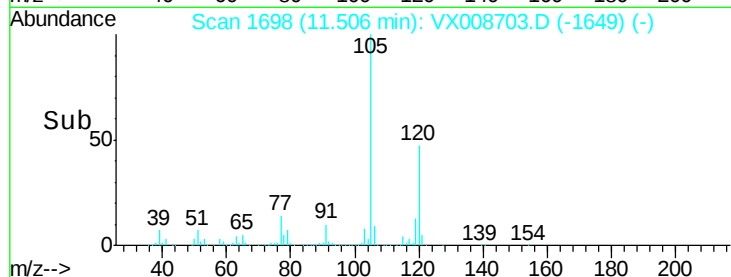
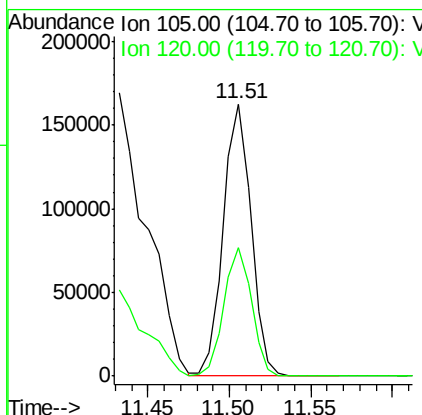
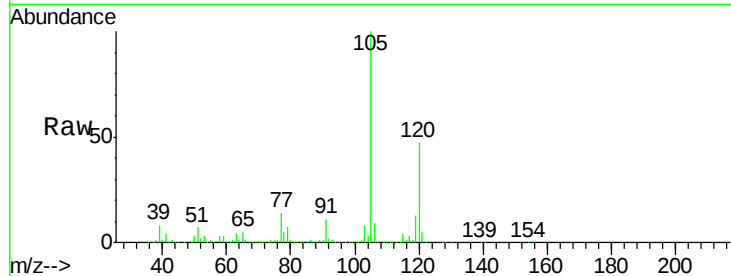




#80
 1,3,5-Trimethylbenzene
 Concen: 22.178 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

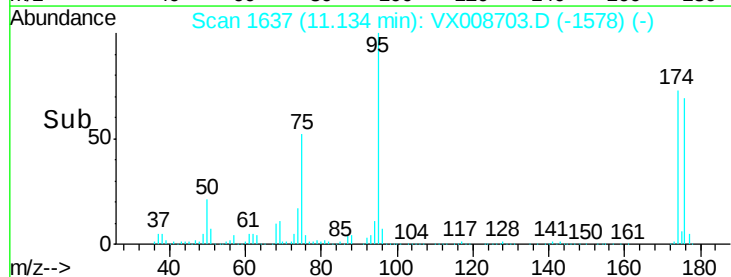
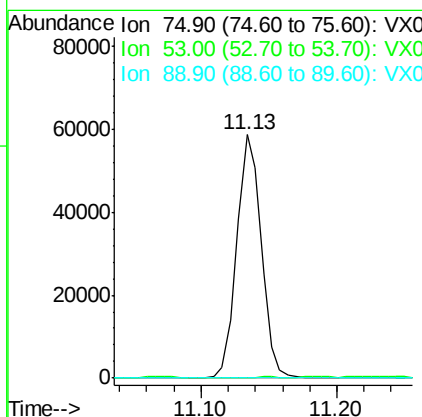
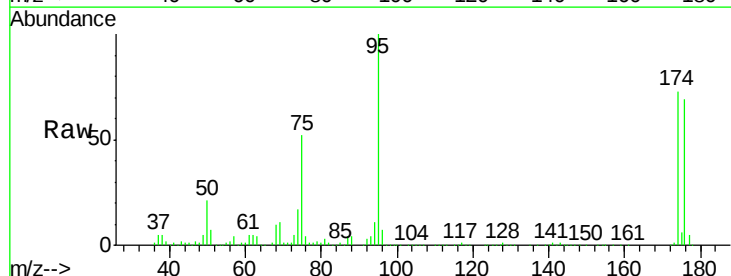
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0700

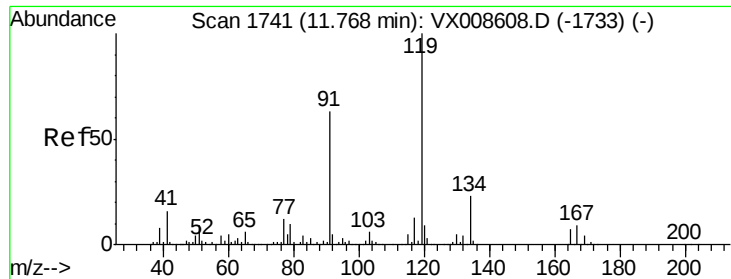
Tot Ion:105 Resp: 193393
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.831 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Tgt Ion: 75 Resp: 73493
 Ion Ratio Lower Upper
 75 100
 53 0.5 81.3 121.9#
 89 0.1 35.6 53.4#

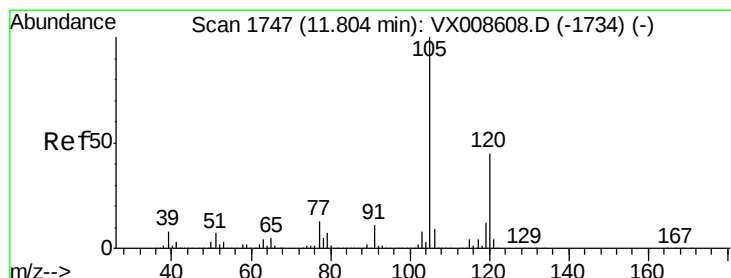
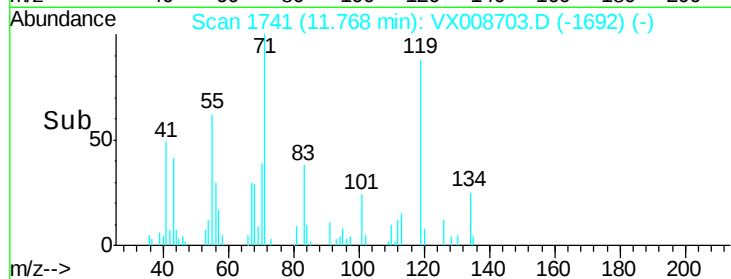
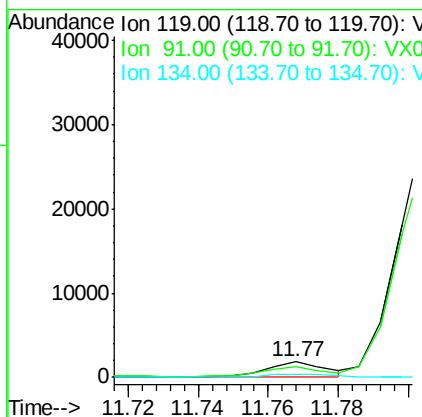
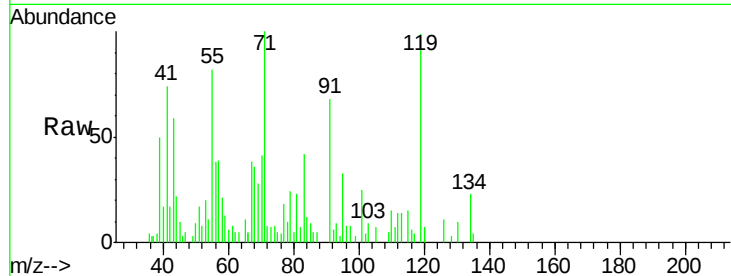




#83
tert-Butylbenzene
Concen: 0.253 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

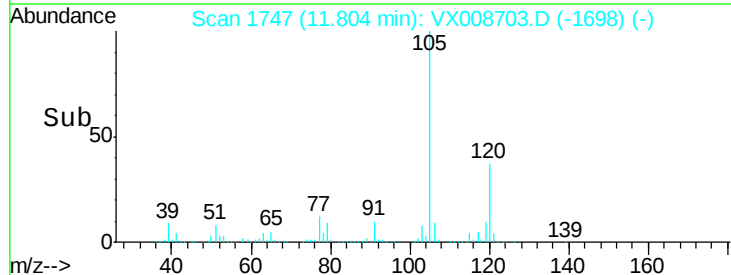
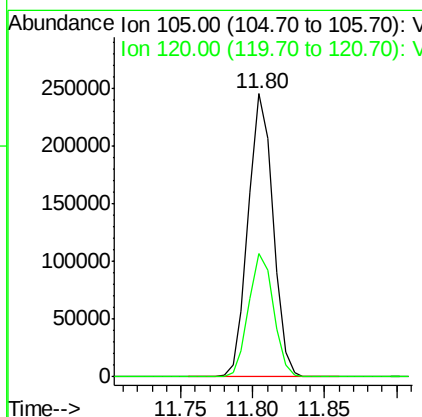
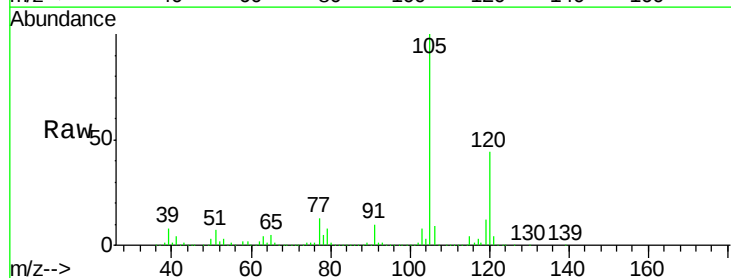
Instrument :
MSVOA_X
ClientSampleId :
S8-0700

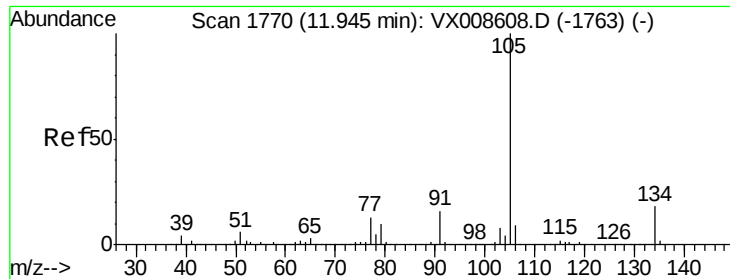
Tot Ion:119 Resp: 2120
Ion Ratio Lower Upper
119 100
91 68.6 30.0 90.1
134 25.0 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 33.077 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion:105 Resp: 292052
Ion Ratio Lower Upper
105 100
120 44.1 21.8 65.3

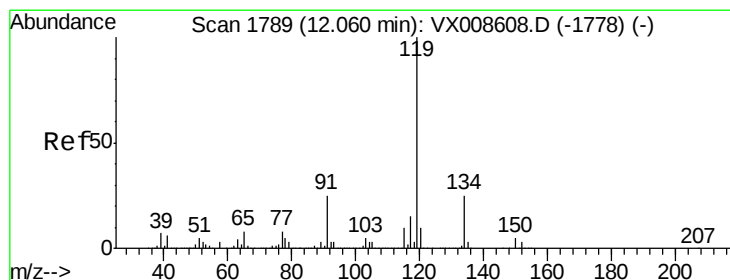
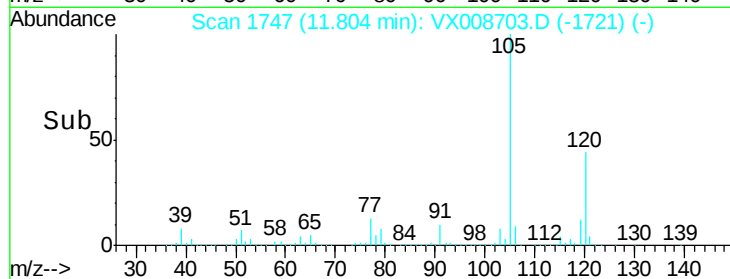
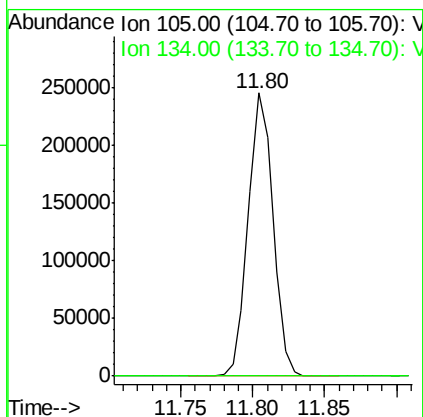
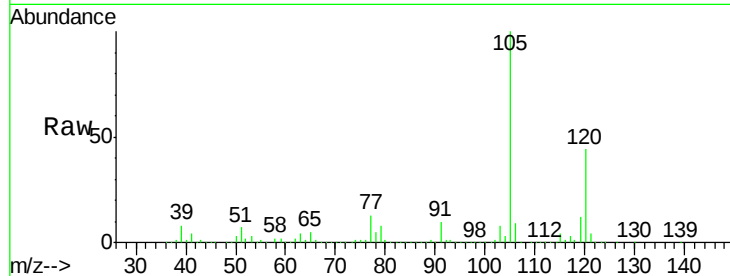




#85
 sec-Butylbenzene
 Concen: 29.308 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

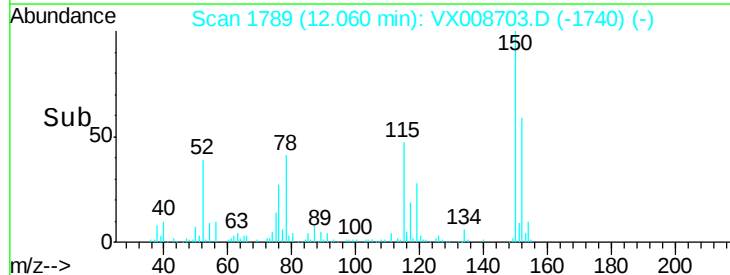
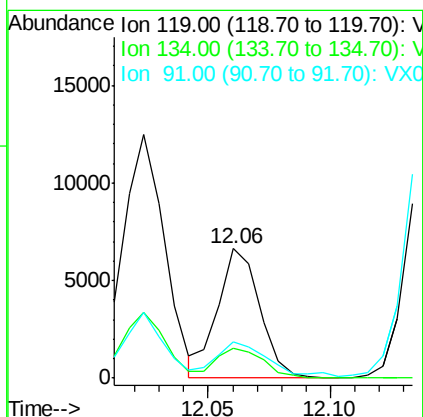
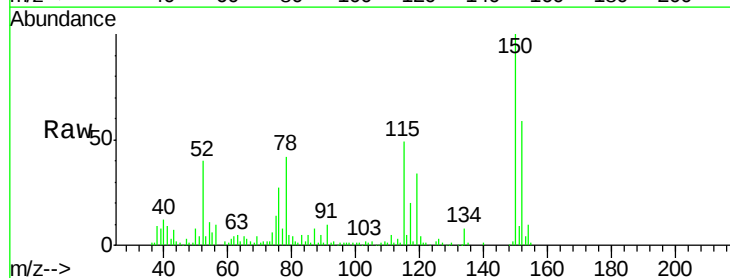
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0700

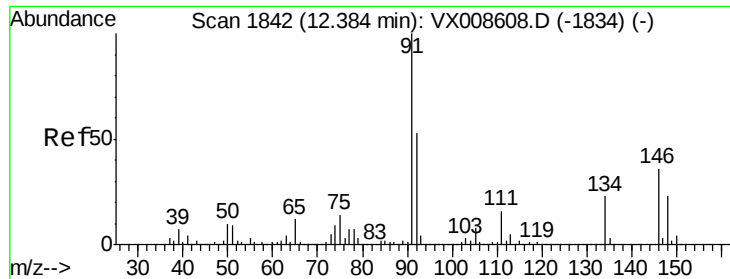
Tot Ion:105 Resp: 292052
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#



#86
 p-Isopropyltoluene
 Concen: 0.887 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Tgt Ion:119 Resp: 7930
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.4
 91 31.7 12.2 36.6

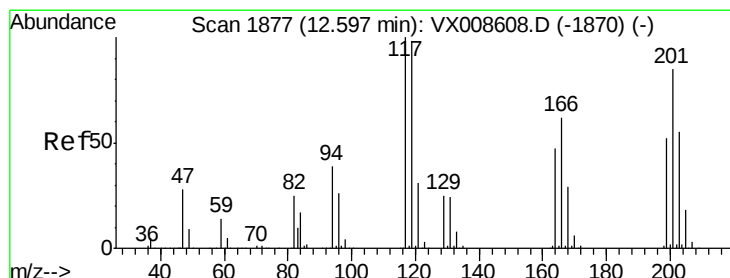
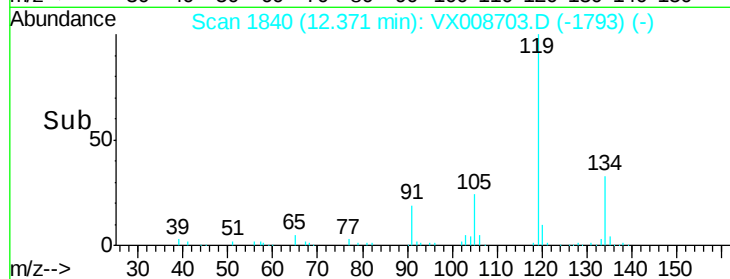
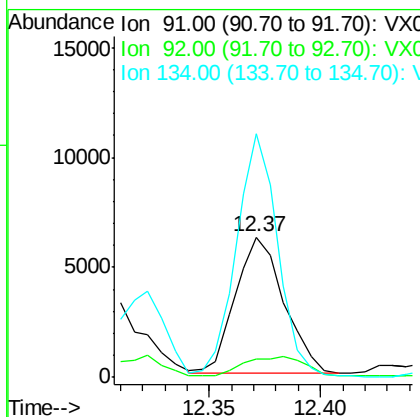
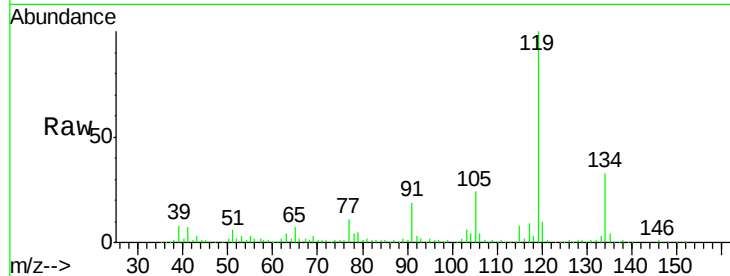




#89
n-Butylbenzene
Concen: 1.122 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

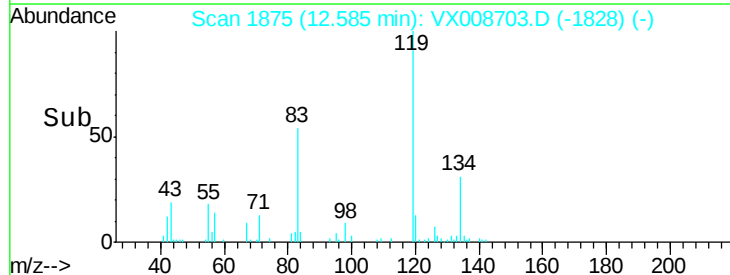
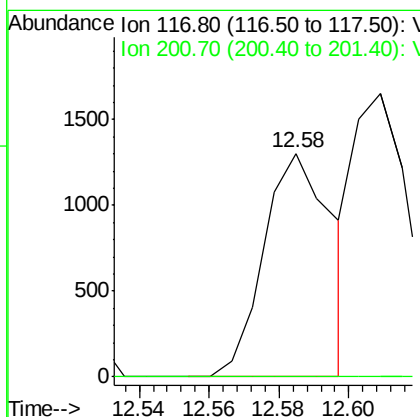
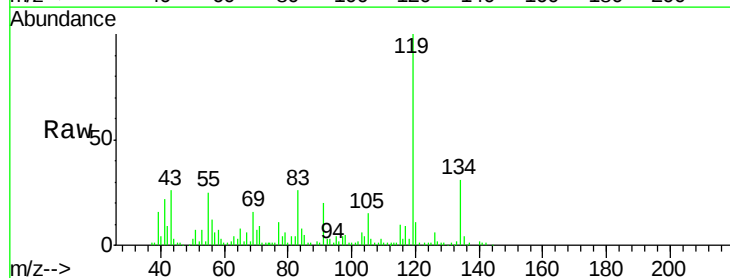
Instrument :
MSVOA_X
ClientSampled :
S8-0700

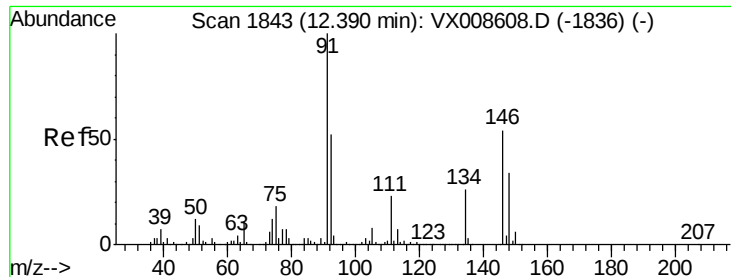
Tot Ion: 91 Resp: 9413
Ion Ratio Lower Upper
91 100
92 18.1 26.4 79.2#
134 153.7 12.0 36.0#



#90
Hexachloroethane
Concen: 1.191 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX008703.D
Acq: 05 Apr 2019 23:36

Tgt Ion: 117 Resp: 1767
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

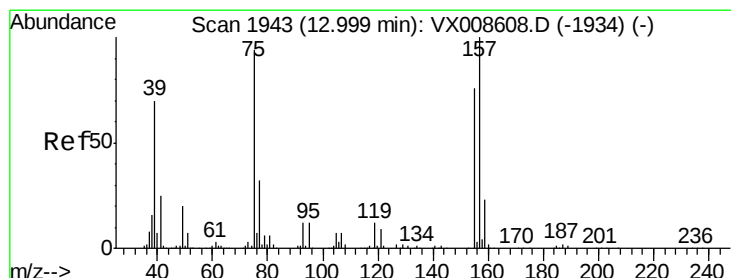
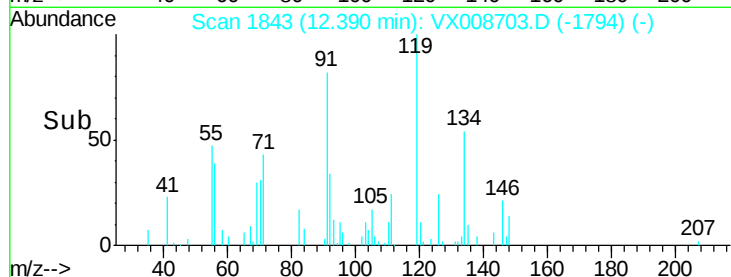
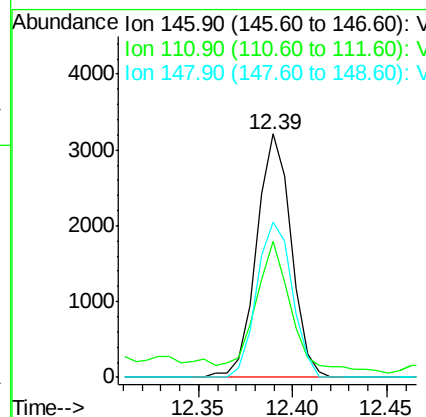
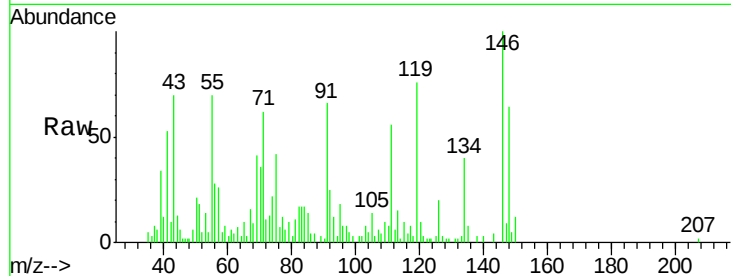




#91
 1,2-Dichlorobenzene
 Concen: 0.920 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

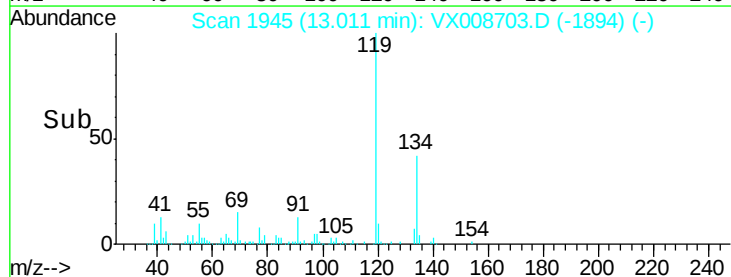
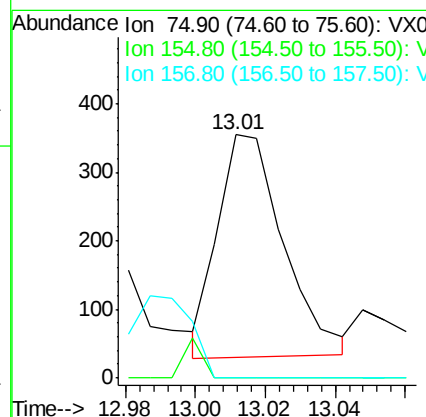
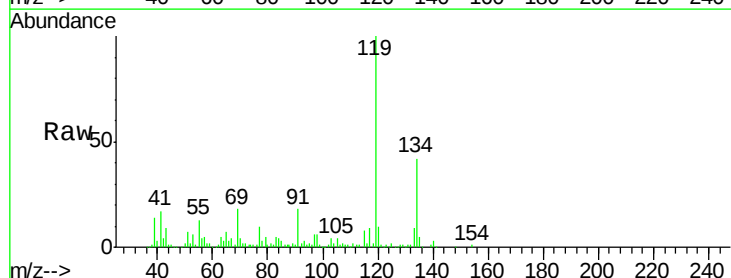
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0700

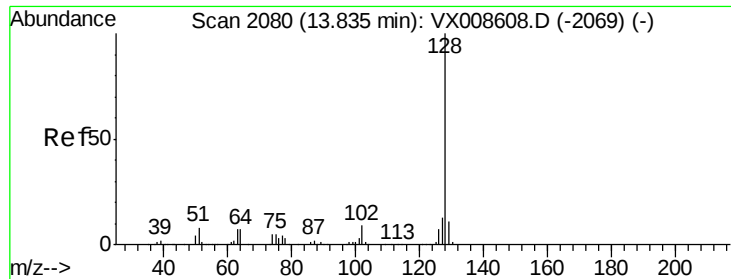
Tot Ion:146 Resp: 4082
 Ion Ratio Lower Upper
 146 100
 111 57.4 21.3 63.9
 148 65.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.490 ug/l
 RT: 13.01 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Tgt Ion: 75 Resp: 426
 Ion Ratio Lower Upper
 75 100
 155 5.2 39.9 119.6#
 157 0.0 51.5 154.7#





#95
 Naphthalene
 Concen: 20.708 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX008703.D
 Acq: 05 Apr 2019 23:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0700

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.4	8.6	13.0

