

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032819\
 Data File : VX008530.D
 Acq On : 28 Mar 2019 19:19
 Operator : JC/SP
 Sample : K2121-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11DL

Quant Time: Mar 29 01:32:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	222469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	371346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154146	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	5.49	113	113135	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	8.71	98	472269	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	167419	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	657	Below Cal	#	64
4) Vinyl Chloride	1.41	62	4169	1.139	ug/l	98
5) Bromomethane	1.64	94	1126	2.373	ug/l	99
6) Chloroethane	1.56	64	5694	2.625	ug/l #	55
10) Methyl Iodide	2.50	142	707	4.395	ug/l #	92
11) Tert butyl alcohol	3.01	59	467	0.625	ug/l #	72
13) Acrolein	2.29	56	199	0.367	ug/l #	14
15) Acrylonitrile	3.15	53	430	0.219	ug/l #	58
16) Acetone	2.45	43	5502	3.121	ug/l	97
17) Carbon Disulfide	2.56	76	1772	Below Cal	#	86
20) Methylene Chloride	2.85	84	2436	0.210	ug/l	93
25) 2-Butanone	4.69	43	568	0.201	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	109153	34.489	ug/l	89
29) Tetrahydrofuran	5.15	42	802	0.431	ug/l #	66
31) Cyclohexane	5.57	56	1461	0.270	ug/l #	80
36) 1,1-Dichloropropene	5.66	75	18777	4.742	ug/l #	51
38) Carbon Tetrachloride	5.66	117	21676	6.560	ug/l #	15
39) Methylcyclohexane	7.46	83	1596	0.337	ug/l	87
40) Benzene	6.13	78	3439	0.290	ug/l	95
49) 1,4-Dioxane	7.76	88	27	0.331	ug/l #	1
52) Toluene	8.78	92	69284	9.776	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	588	0.204	ug/l #	20
67) Ethyl Benzene	10.25	91	32775	2.425	ug/l	100
68) m/p-Xylenes	10.35	106	79855	16.242	ug/l	99
69) o-Xylene	10.69	106	45529	9.542	ug/l	98
70) Styrene	10.70	104	2763	0.335	ug/l #	1
73) Isopropylbenzene	11.02	105	4007	0.345	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	83900	19.774	ug/l #	34
78) n-propylbenzene	11.36	91	11101	0.816	ug/l	100
79) 2-Chlorotoluene	11.43	91	15119	1.828	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.51	105	81343	8.287	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	83900	63.332	ug/l #	9
82) 4-Chlorotoluene	11.51	91	8630	0.904	ug/l #	51
83) tert-Butylbenzene	11.77	119	4227	0.446	ug/l	91

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Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

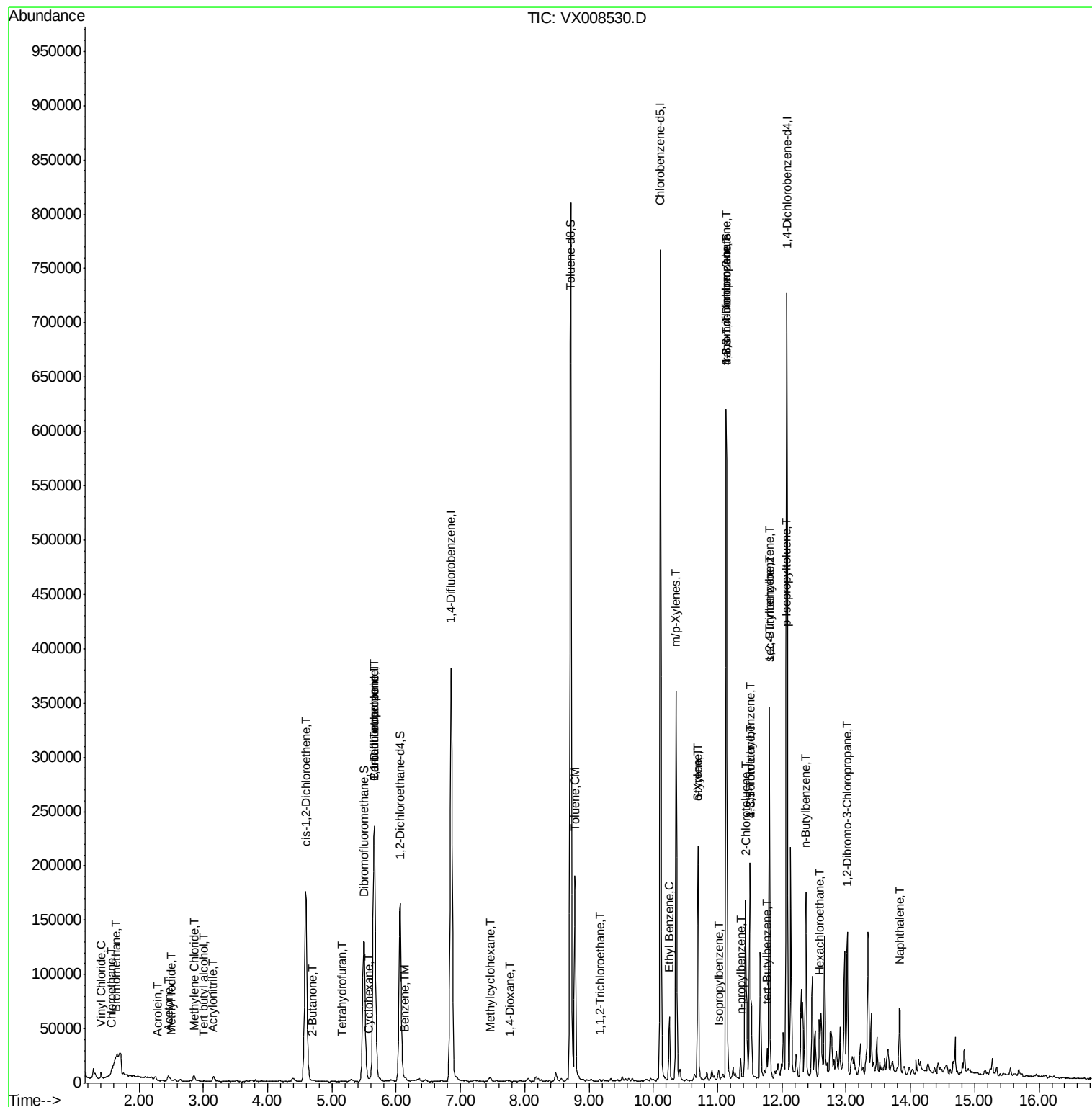
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	139328	14.033	ug/l	98
85) sec-Butylbenzene	11.80	105	139346	12.355	ug/l #	58
86) p-Isopropyltoluene	12.06	119	8810	0.885	ug/l	96
89) n-Butylbenzene	12.37	91	15587	1.653	ug/l #	1
90) Hexachloroethane	12.58	117	2143	1.293	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.02	75	524	0.533	ug/l #	4
95) Naphthalene	13.83	128	35809	3.077	ug/l	99

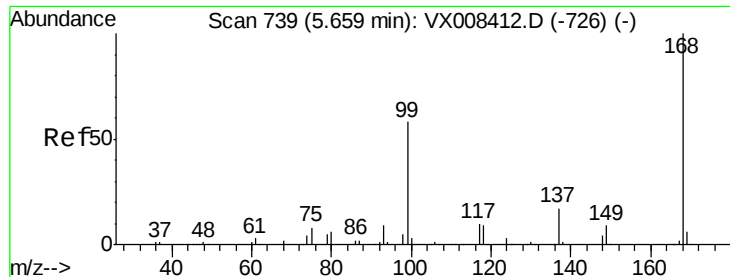
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032819\
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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: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

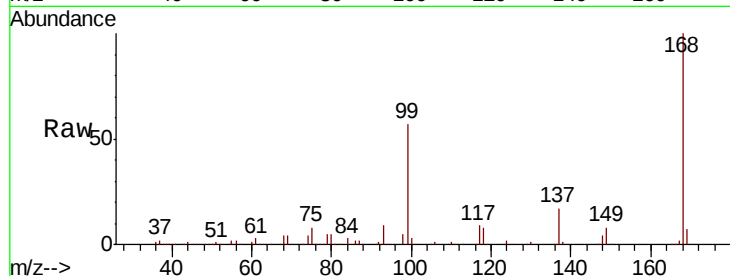
MW-11DL

Tot Ion:168 Resp: 222469

Ion Ratio Lower Upper

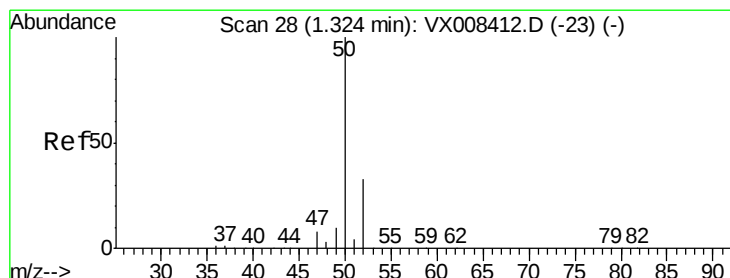
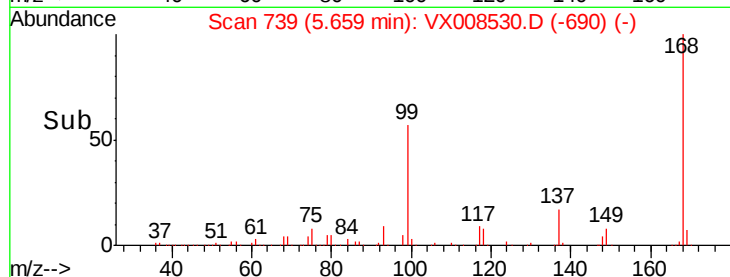
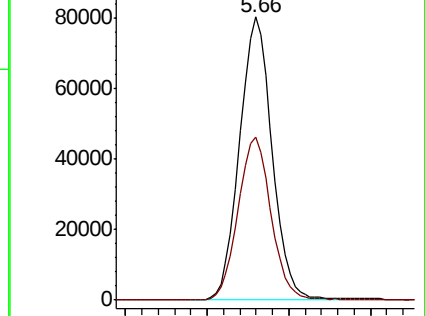
168 100

99 57.3 46.0 69.0



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: VX008530.D

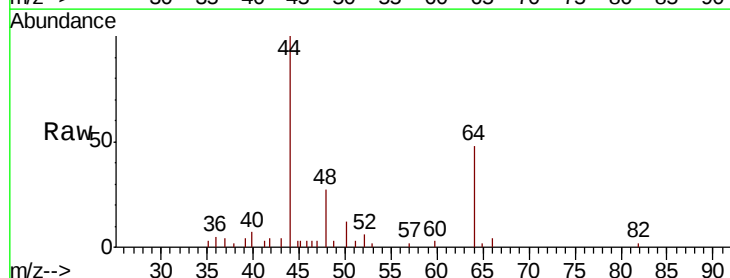
Acq: 28 Mar 2019 19:19

Tgt Ion: 50 Resp: 657

Ion Ratio Lower Upper

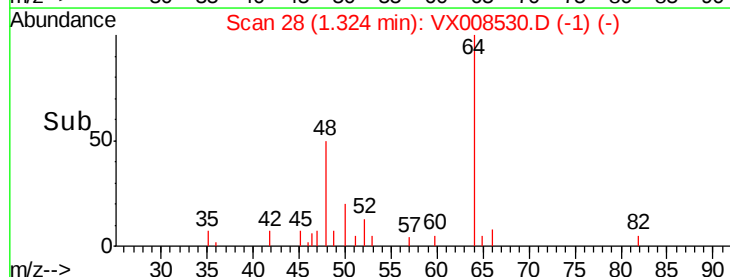
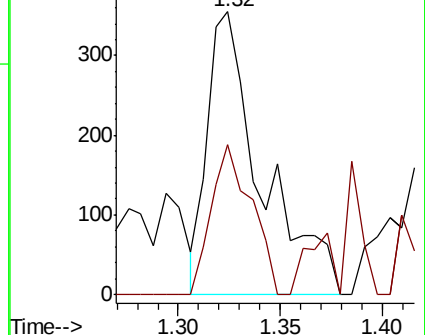
50 100

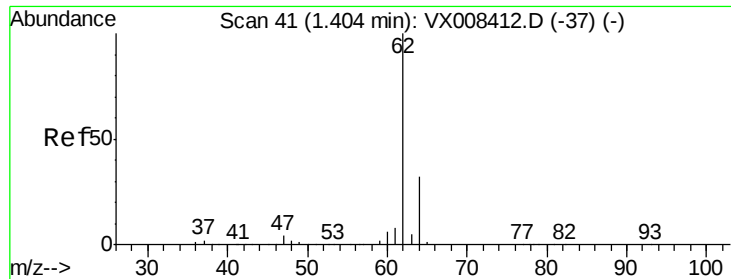
52 53.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 1.139 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

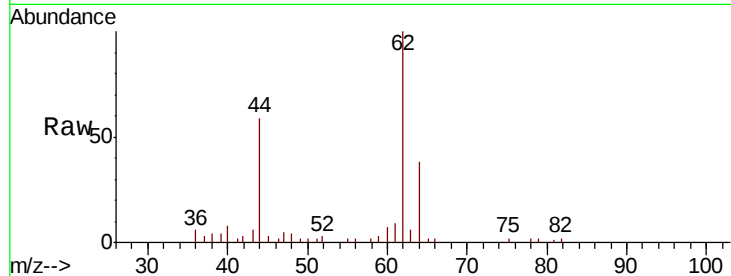
MW-11DL

Tot Ion: 62 Resp: 4169

Ion Ratio Lower Upper

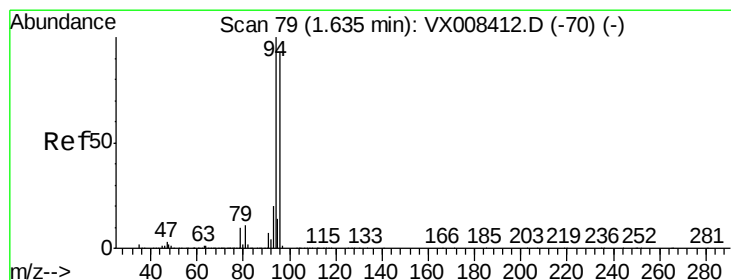
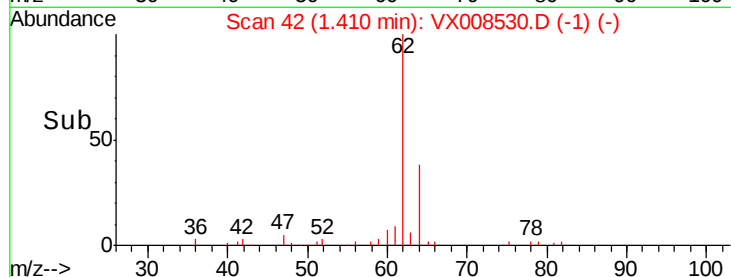
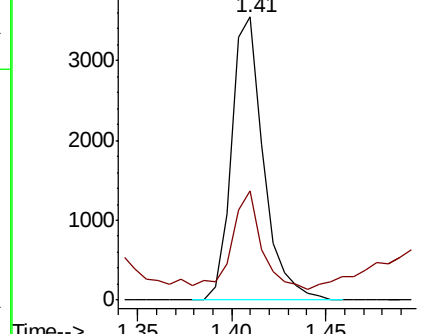
62 100

64 33.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 2.373 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008530.D

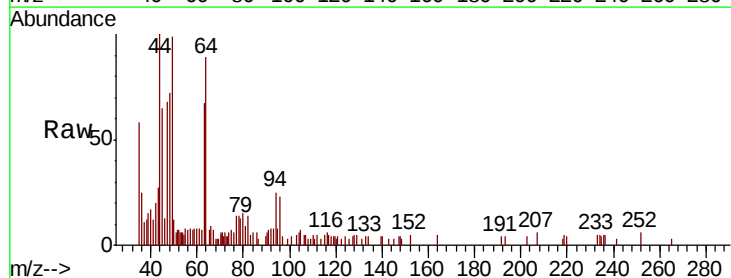
Acq: 28 Mar 2019 19:19

Tgt Ion: 94 Resp: 1126

Ion Ratio Lower Upper

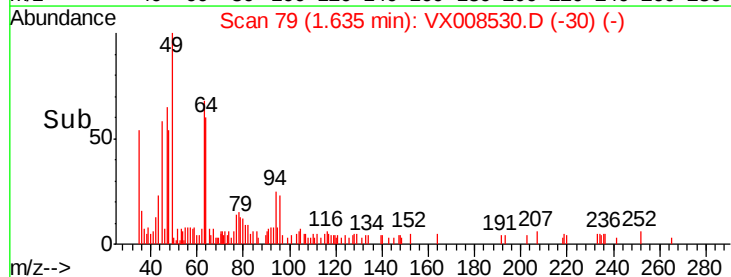
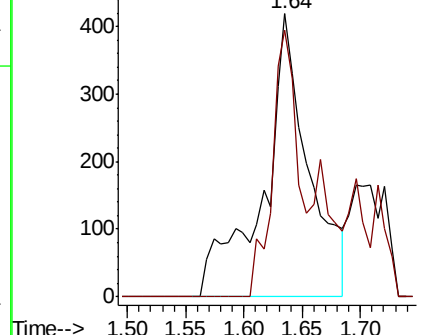
94 100

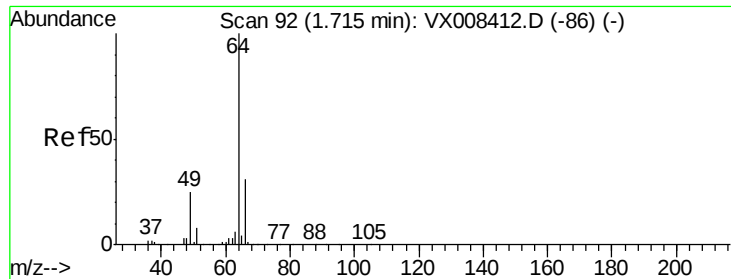
96 94.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 2.625 ug/l

RT: 1.56 min Scan# 66

Delta R.T. -0.16 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

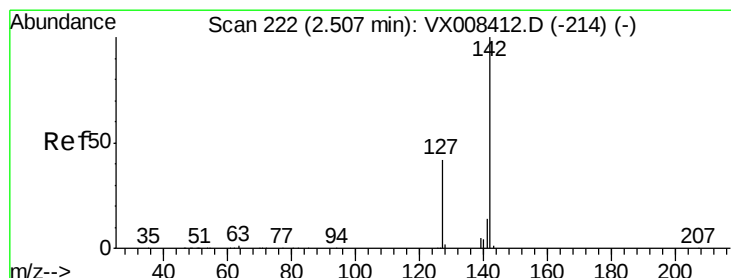
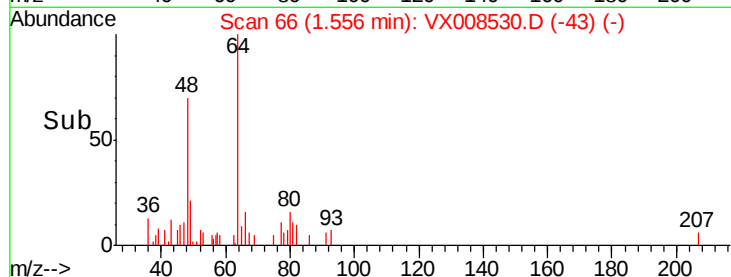
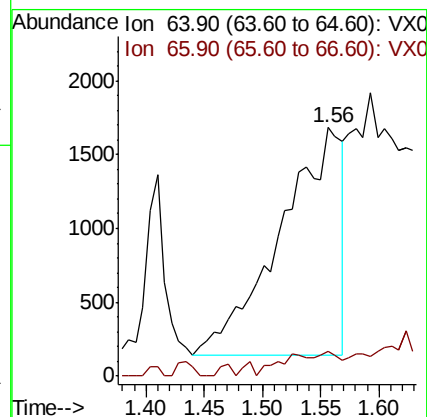
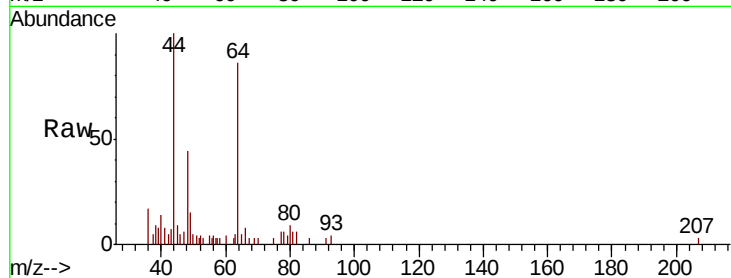
MW-11DL

Tot Ion: 64 Resp: 5694

Ion Ratio Lower Upper

64 100

66 6.5 25.1 37.7#



#10

Methyl Iodide

Concen: 4.395 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

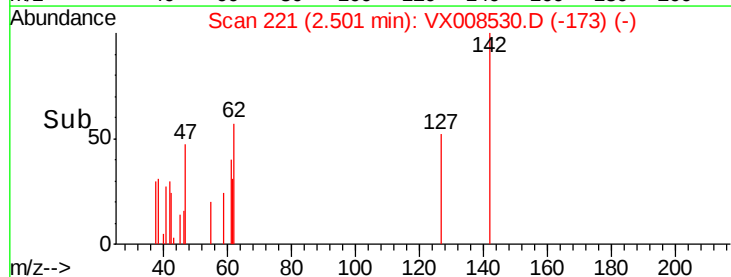
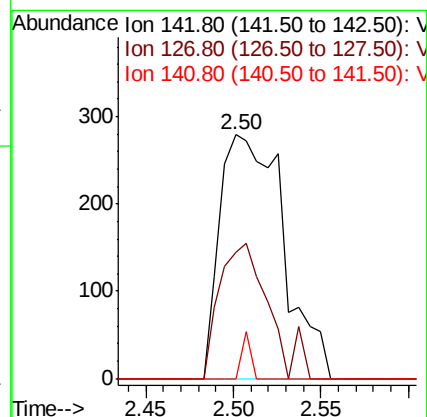
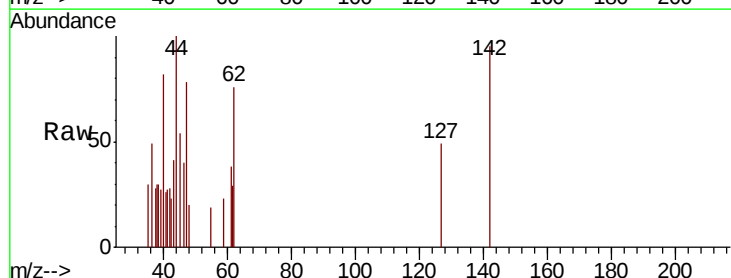
Tgt Ion: 142 Resp: 707

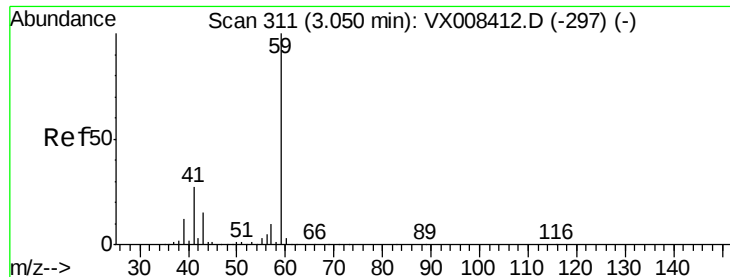
Ion Ratio Lower Upper

142 100

127 42.9 33.6 50.4

141 2.7 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.625 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

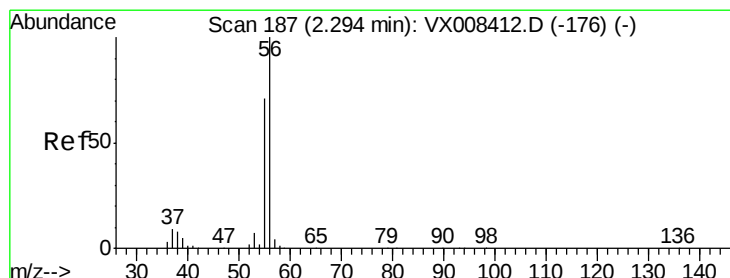
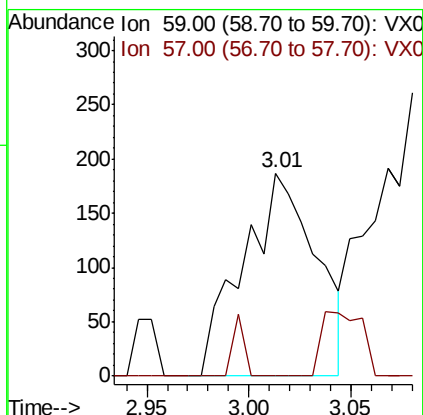
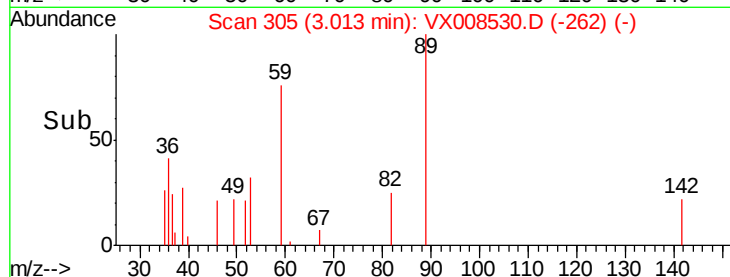
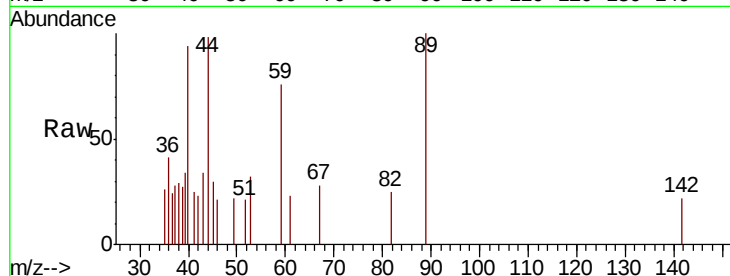
MW-11DL

Tot Ion: 59 Resp: 467

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.367 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008530.D

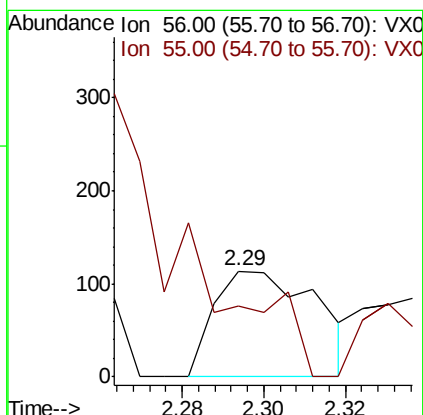
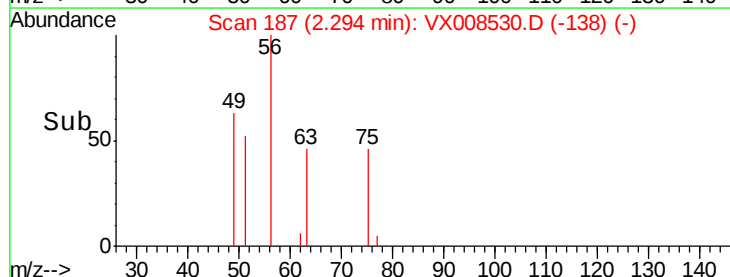
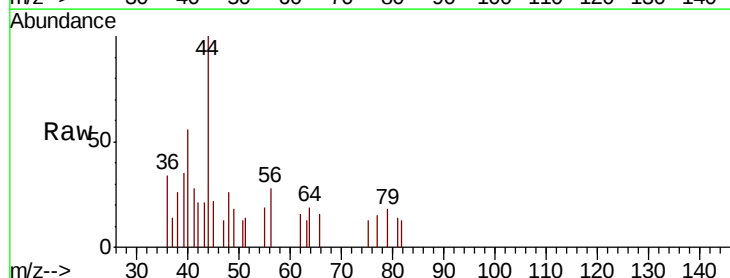
Acq: 28 Mar 2019 19:19

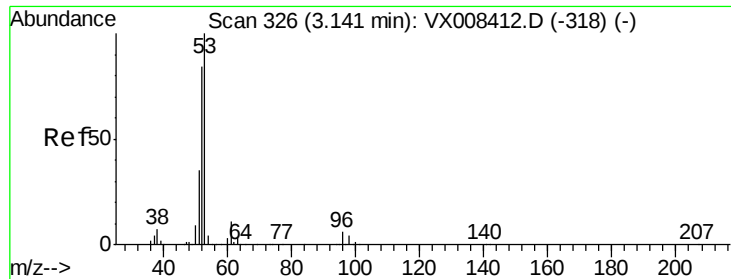
Tgt Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

55 0.0 56.5 84.7#





#15

Acrylonitrile

Concen: 0.219 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

MW-11DL

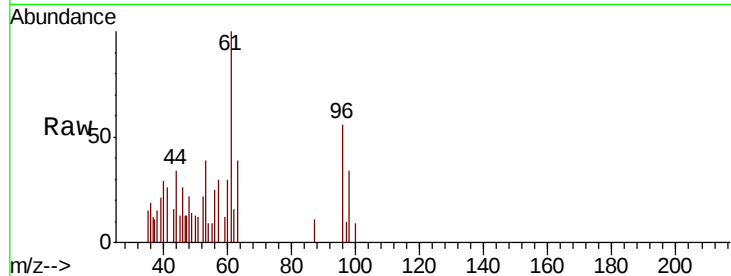
Tot Ion: 53 Resp: 430

Ion Ratio Lower Upper

53 100

52 95.8 66.5 99.7

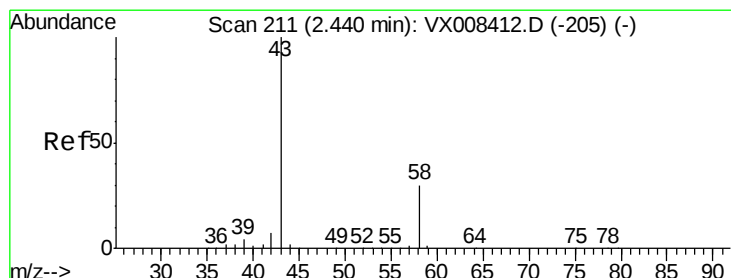
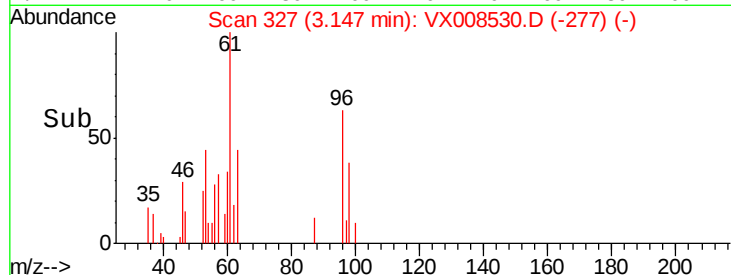
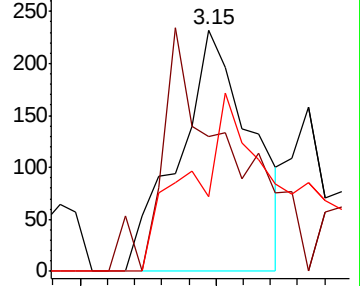
51 98.4 28.3 42.5#



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: 3.121 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008530.D

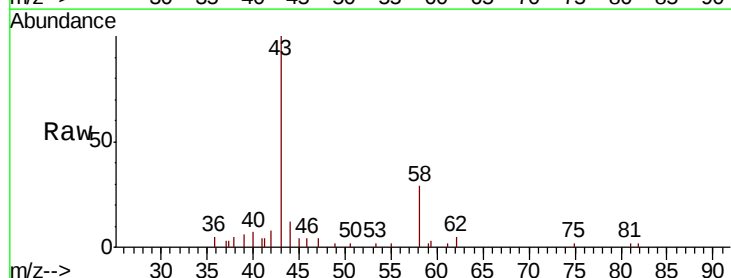
Acq: 28 Mar 2019 19:19

Tgt Ion: 43 Resp: 5502

Ion Ratio Lower Upper

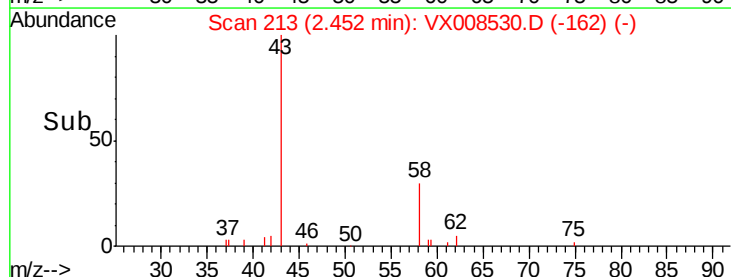
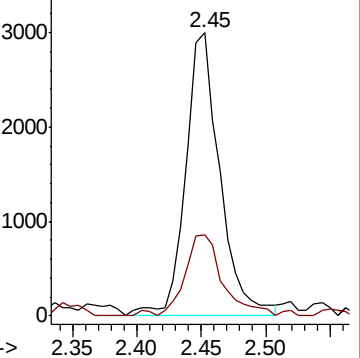
43 100

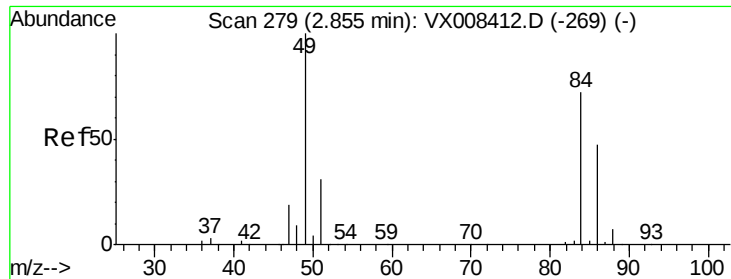
58 28.8 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

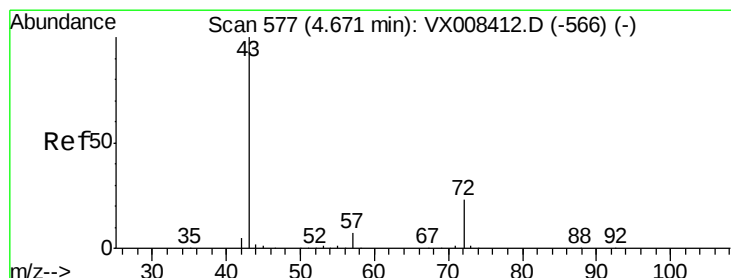
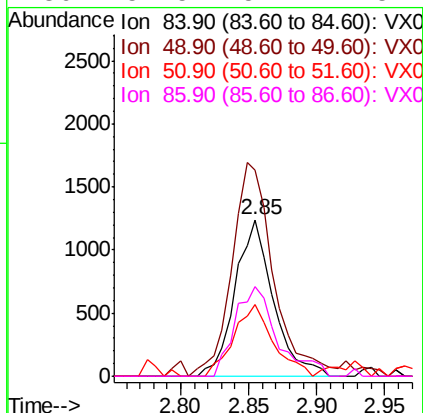
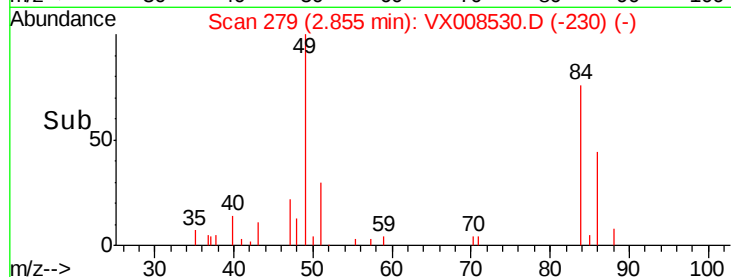
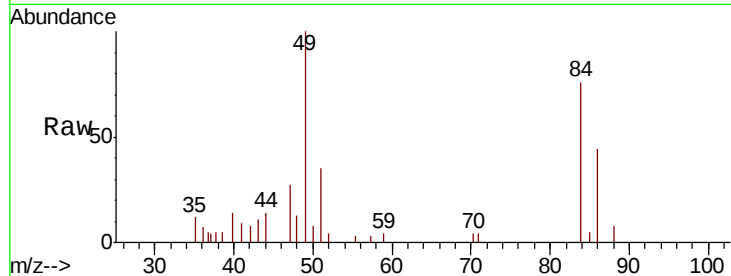




#20
Methvlene Chloride
Concen: 0.210 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

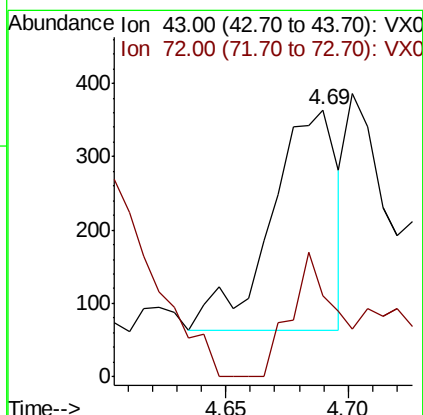
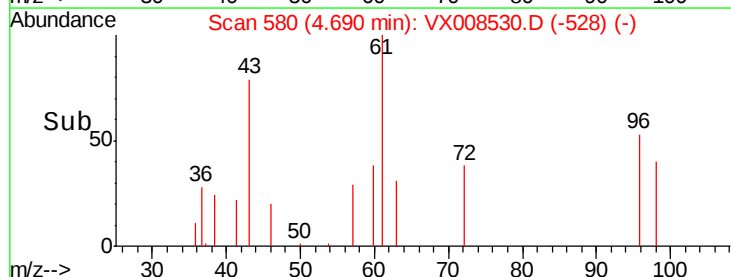
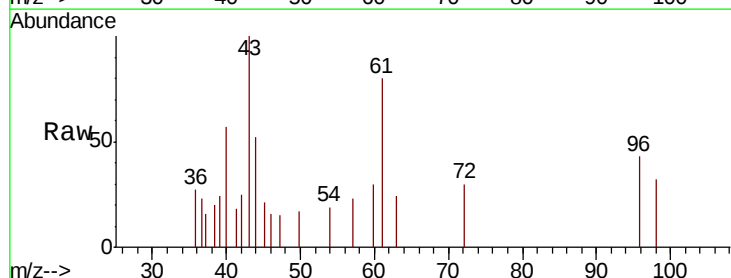
Instrument :
MSVOA_X
ClientSampled :
MW-11DL

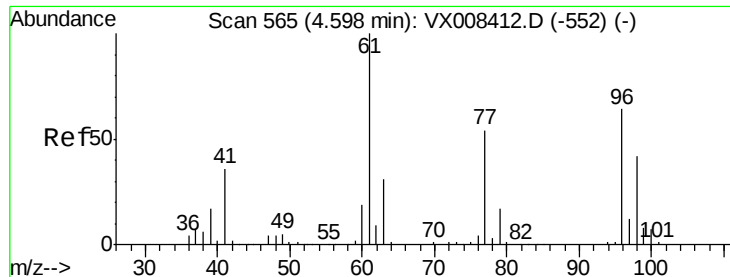
Tot Ion: 84 Resp: 2436
Ion Ratio Lower Upper
84 100
49 131.7 110.6 165.8
51 45.8 33.9 50.9
86 57.5 52.2 78.2



#25
2-Butanone
Concen: 0.201 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
72 19.3 18.6 28.0



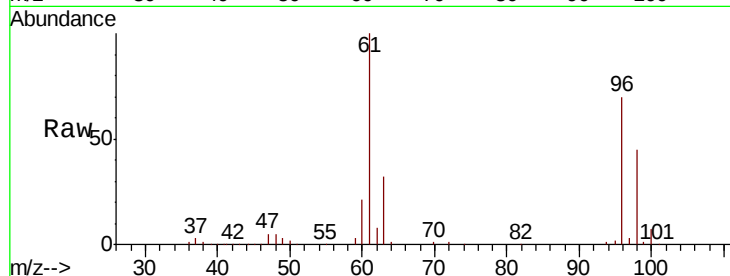


#27

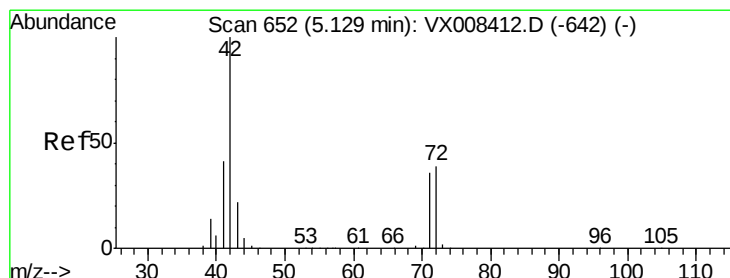
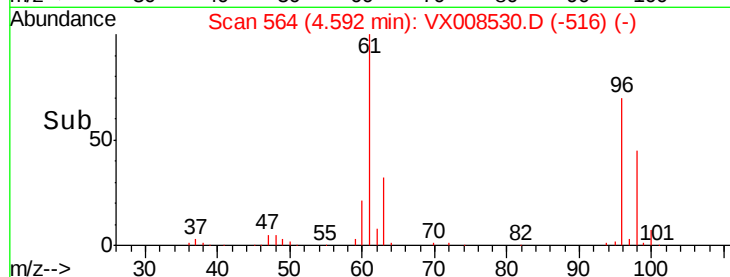
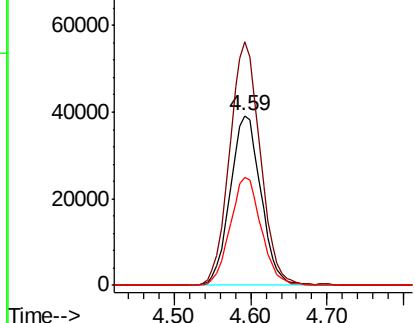
cis-1,2-Dichloroethene
 Concen: 34.489 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008530.D
 Acq: 28 Mar 2019 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	325.6
98	64.0	0.0	130.0



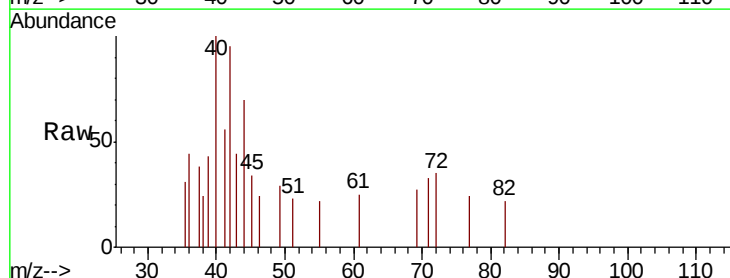
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



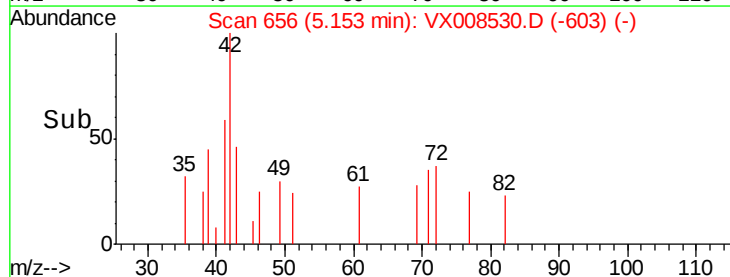
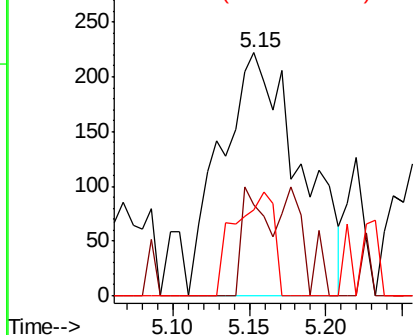
#29

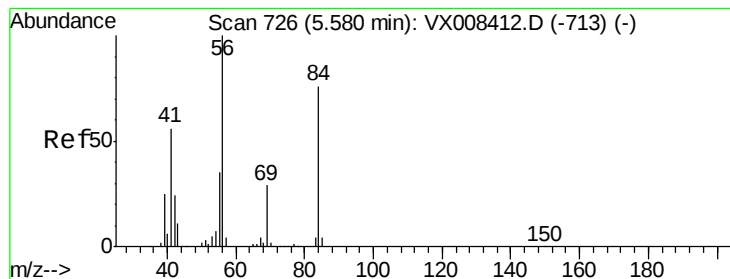
Tetrahydrofuran
 Concen: 0.431 ug/l
 RT: 5.15 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VX008530.D
 Acq: 28 Mar 2019 19:19

Tgt Ion	Ratio	Lower	Upper
42	100		
72	14.1	31.4	47.2#
71	21.1	29.4	44.2#



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.270 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-11DL

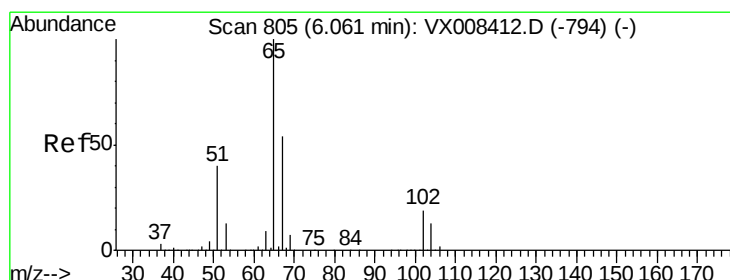
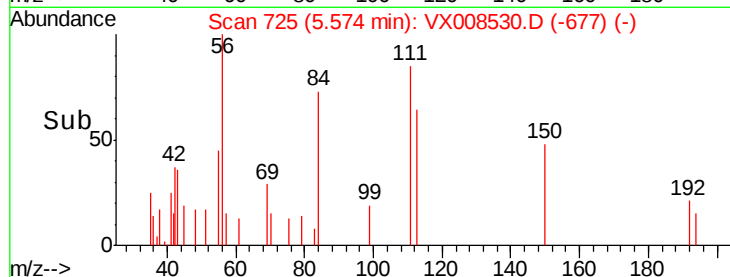
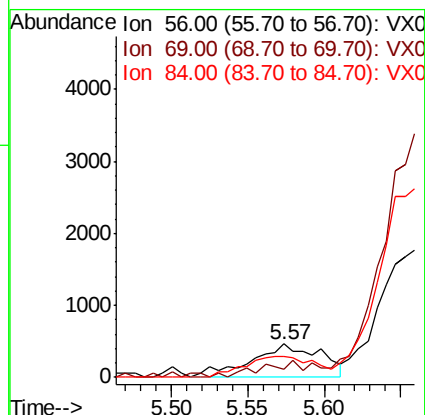
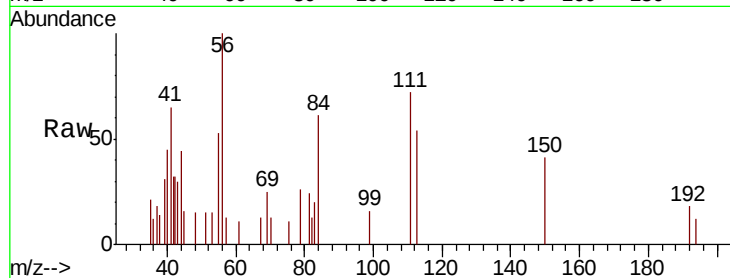
Tot Ion: 56 Resp: 1461

Ion Ratio Lower Upper

56 100

69 13.6 23.2 34.8#

84 61.5 60.7 91.1



#33

1,2-Dichloroethane-d4

Concen: 45.704 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008530.D

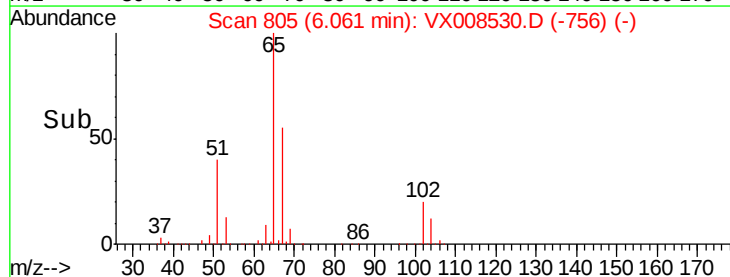
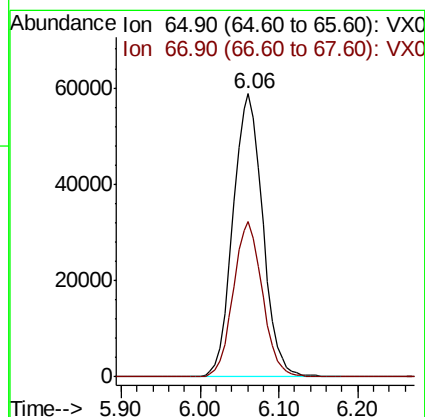
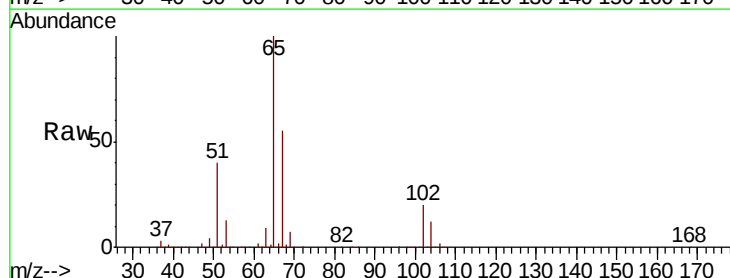
Acq: 28 Mar 2019 19:19

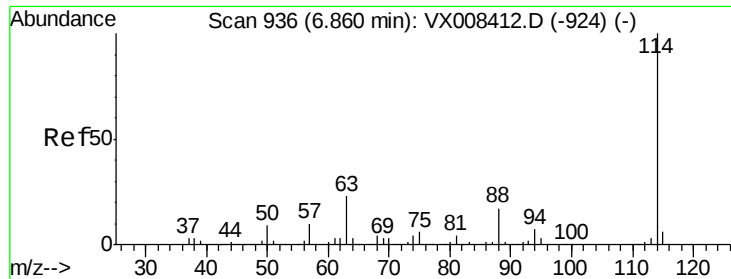
Tgt Ion: 65 Resp: 154146

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-11DL

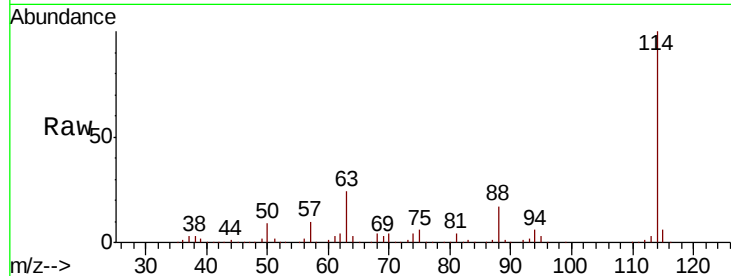
Tot Ion:114 Resp: 371346

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

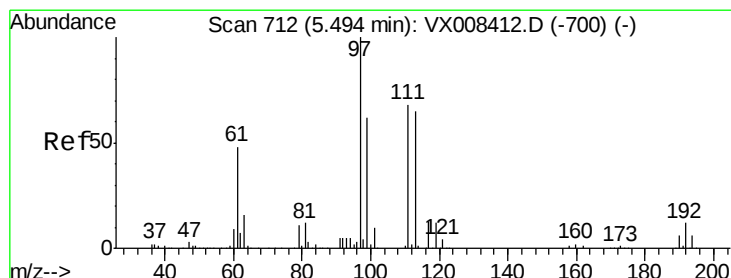
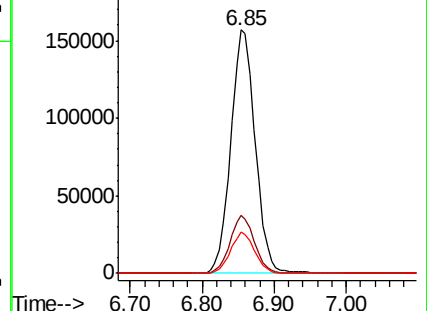
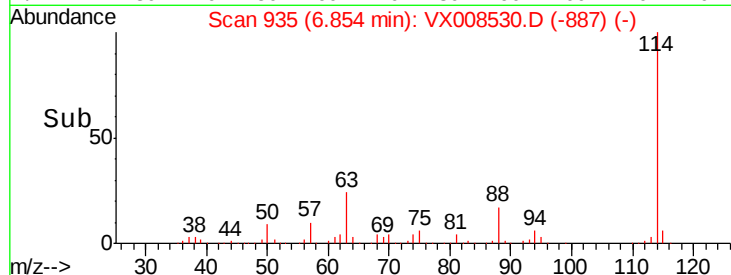
88 16.9 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.724 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

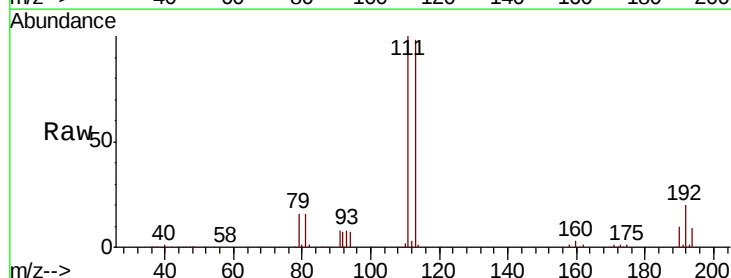
Tgt Ion:113 Resp: 113135

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

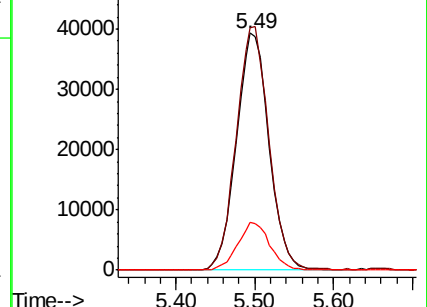
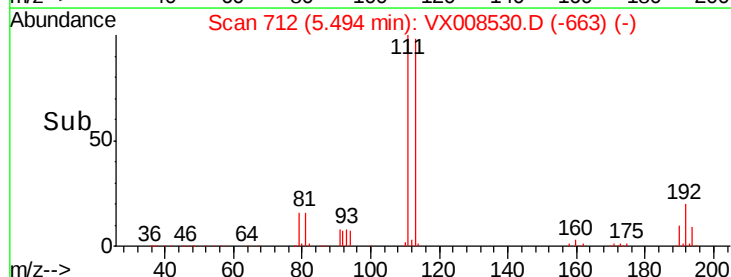
192 19.9 15.6 23.4

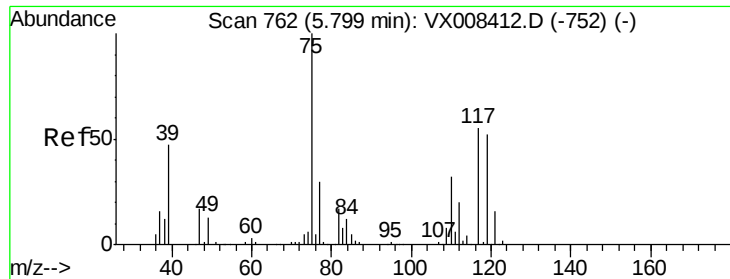


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.742 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-11DL

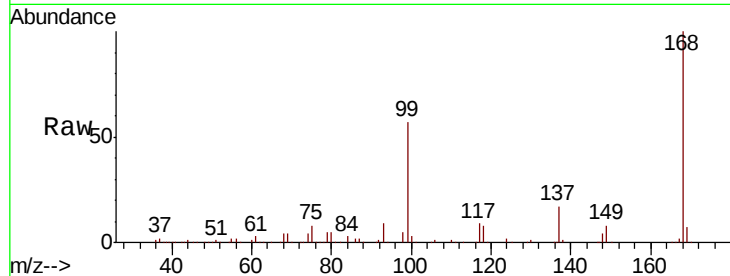
Tot Ion: 75 Resp: 18777

Ion Ratio Lower Upper

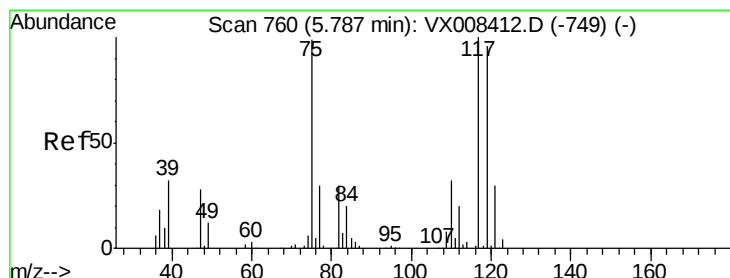
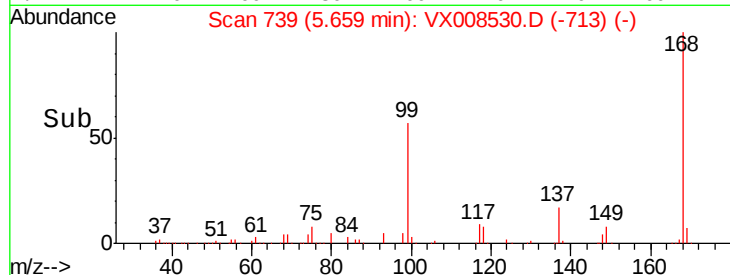
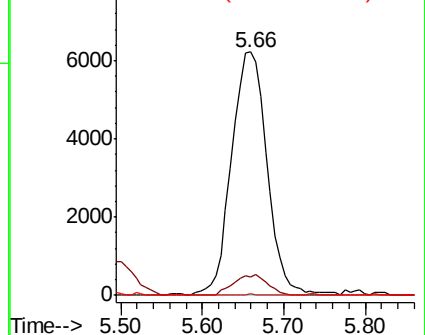
75 100

110 8.1 16.6 49.7#

77 0.1 24.2 36.2#



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: 6.560 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

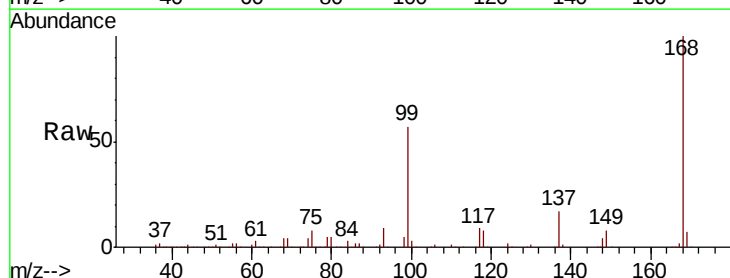
Tgt Ion: 117 Resp: 21676

Ion Ratio Lower Upper

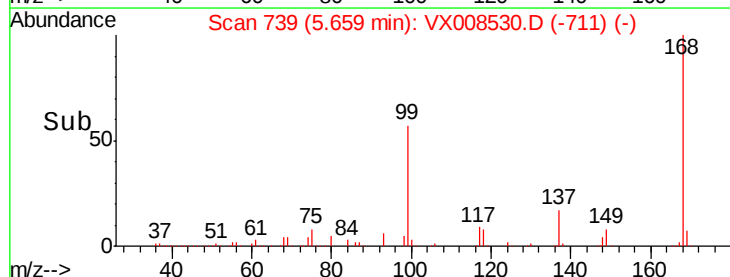
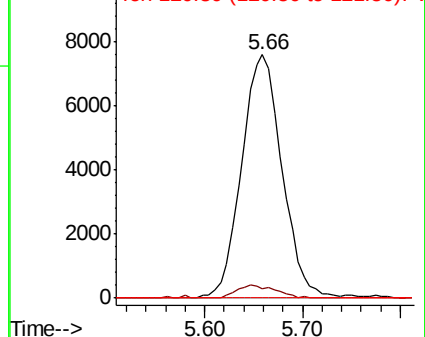
117 100

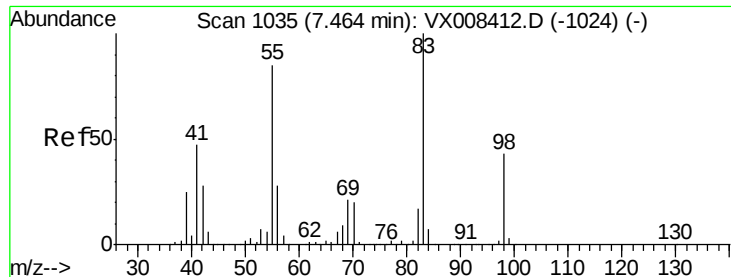
119 4.0 76.7 115.1#

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

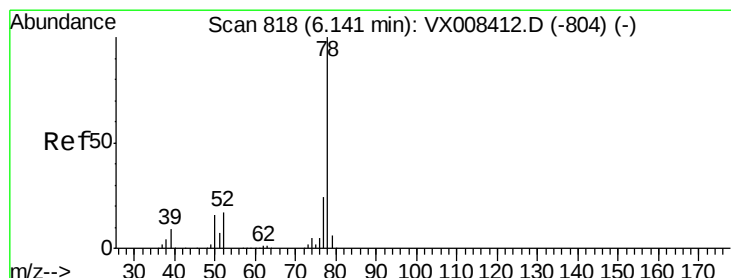
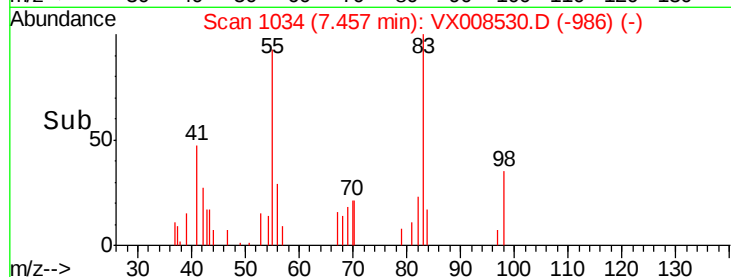
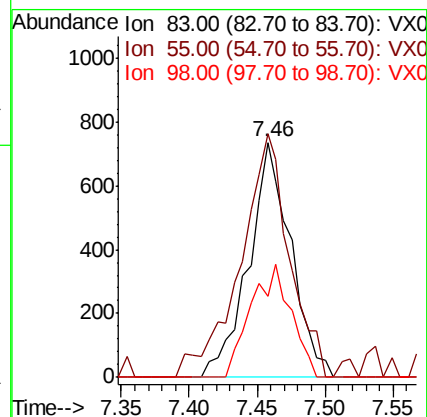
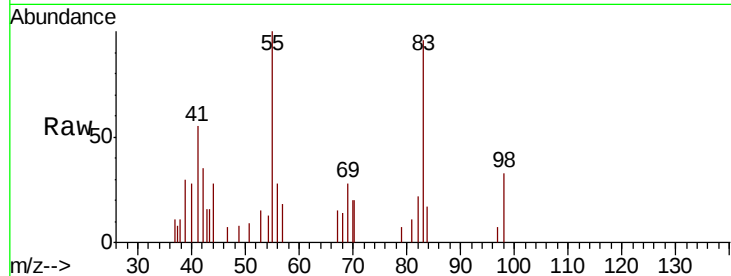




#39
Methvlcvclohexane
Concen: 0.337 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

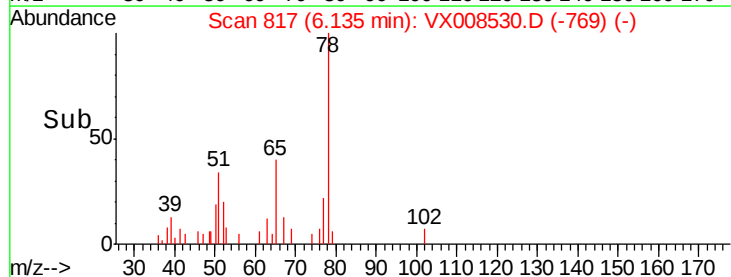
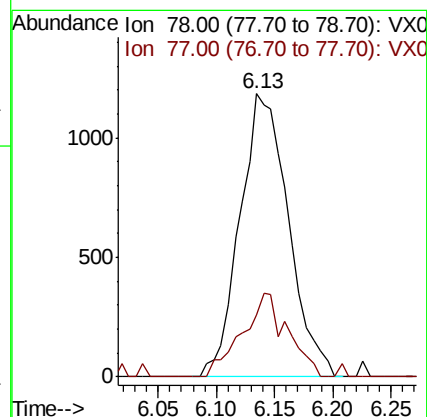
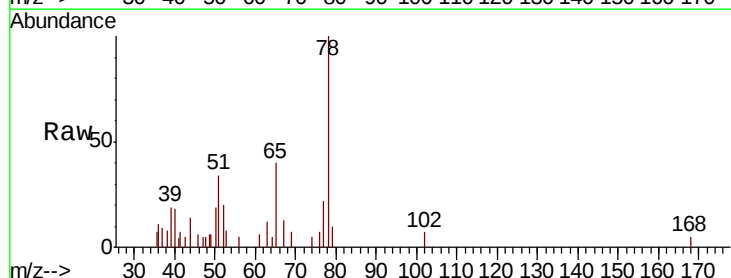
Instrument :
MSVOA_X
ClientSampled :
MW-11DL

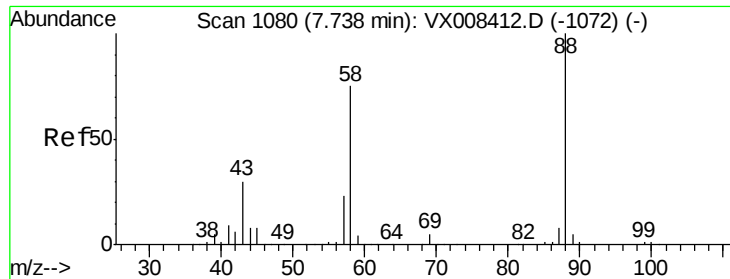
Tot Ion: 83 Resp: 1596
Ion Ratio Lower Upper
83 100
55 96.7 68.2 102.4
98 34.6 34.2 51.4



#40
Benzene
Concen: 0.290 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion: 78 Resp: 3439
Ion Ratio Lower Upper
78 100
77 21.9 19.3 28.9

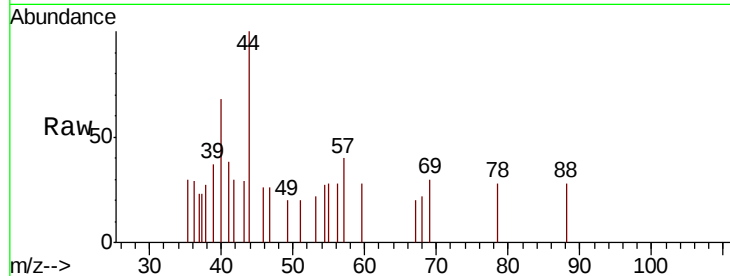




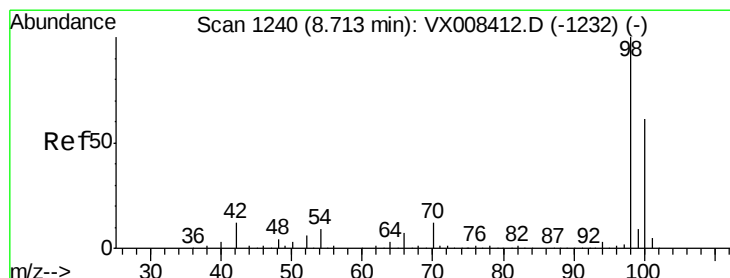
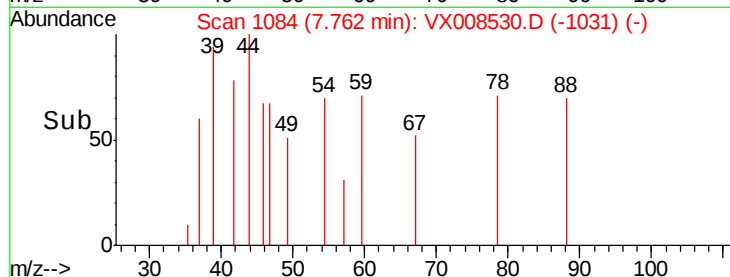
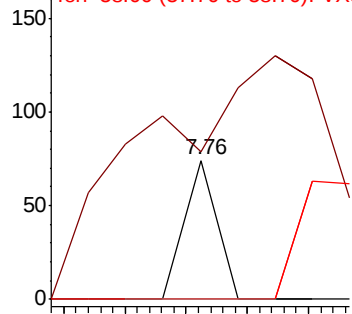
#49
1,4-Dioxane
Concen: 0.331 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Instrument :
MSVOA_X
ClientSampled :
MW-11DL

Tot Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 1174.1 28.6 43.0#
58 240.7 63.0 94.4#

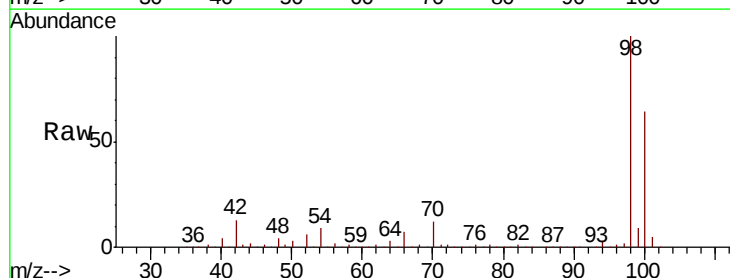


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

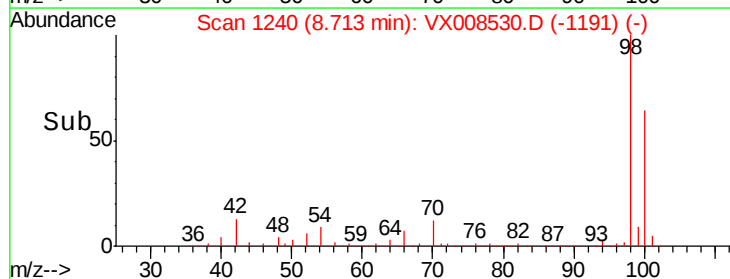
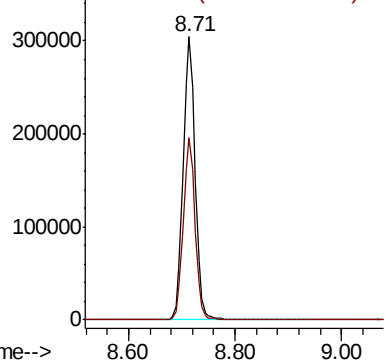


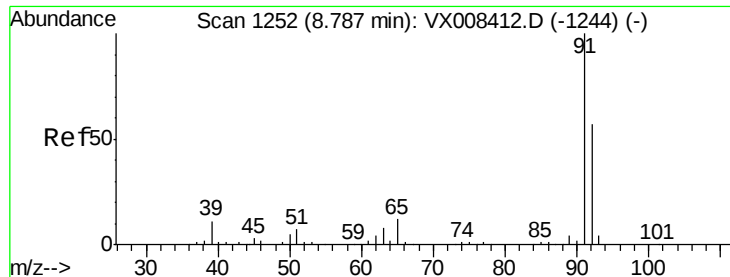
#50
Toluene-d8
Concen: 48.778 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion: 98 Resp: 472269
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 9.776 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

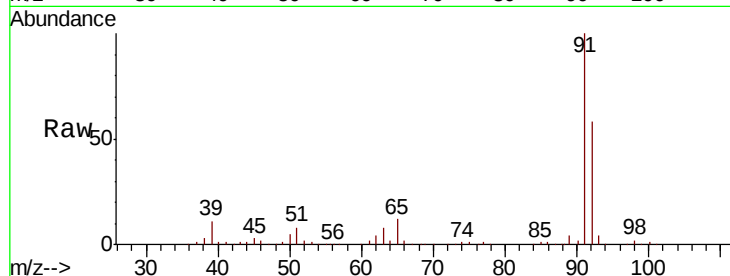
MW-11DL

Tot Ion: 92 Resp: 69284

Ion Ratio Lower Upper

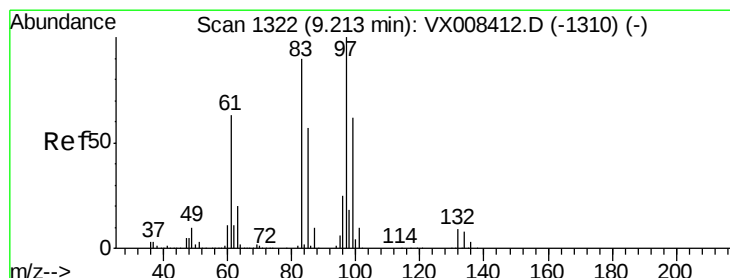
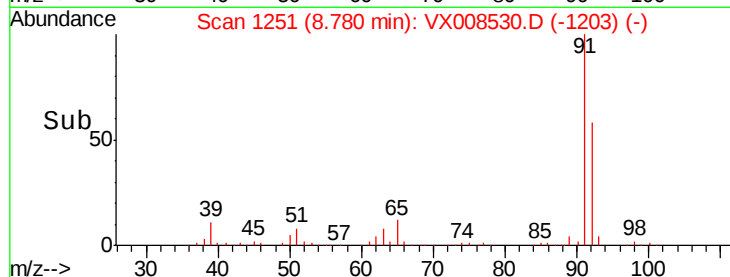
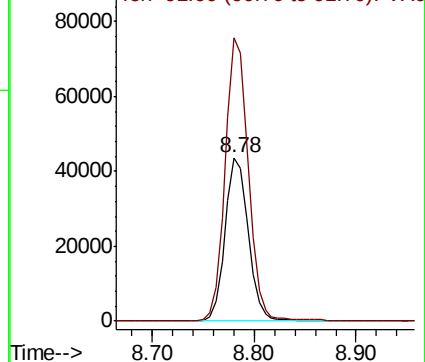
92 100

91 173.3 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.204 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Tgt Ion: 97 Resp: 588

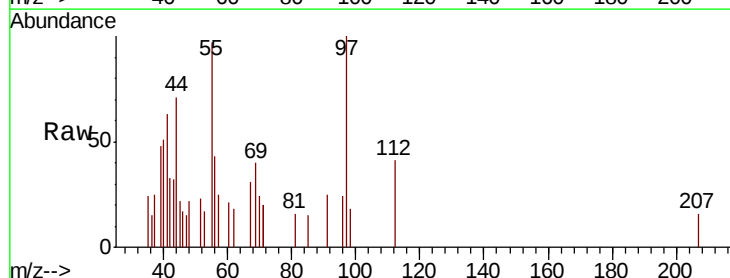
Ion Ratio Lower Upper

97 100

83 0.0 71.8 107.6#

85 15.4 45.9 68.9#

99 0.0 49.4 74.0#

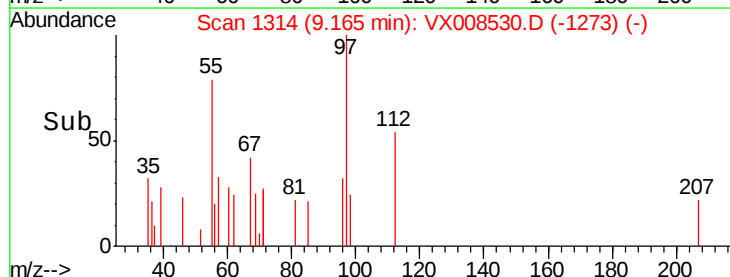
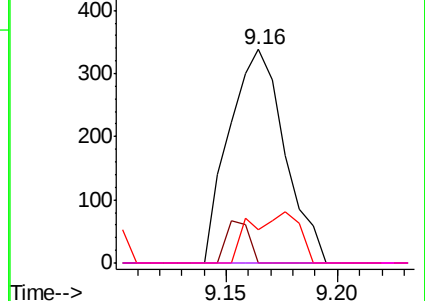


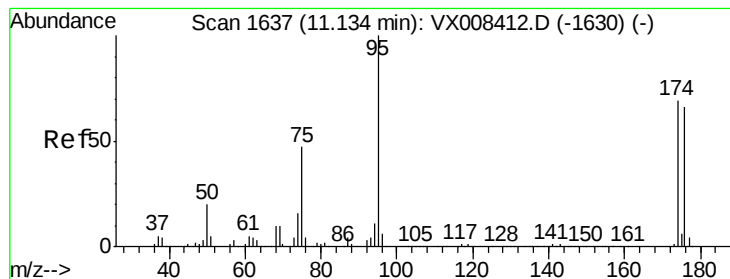
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#62

4-Bromofluorobenzene

Concen: 46.664 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-11DL

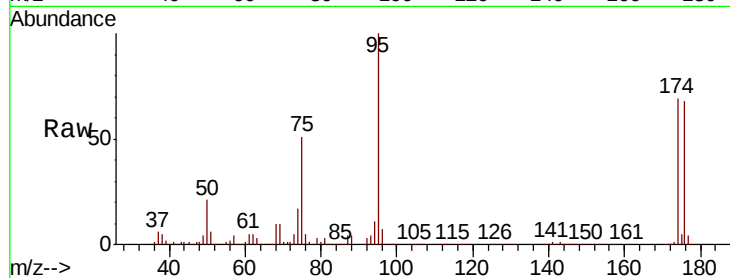
Tot Ion: 95 Resp: 167419

Ion Ratio Lower Upper

95 100

174 73.4 0.0 147.2

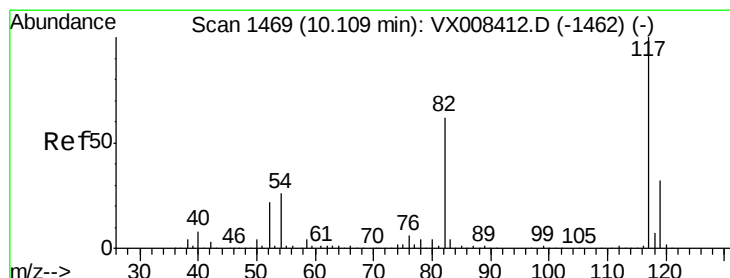
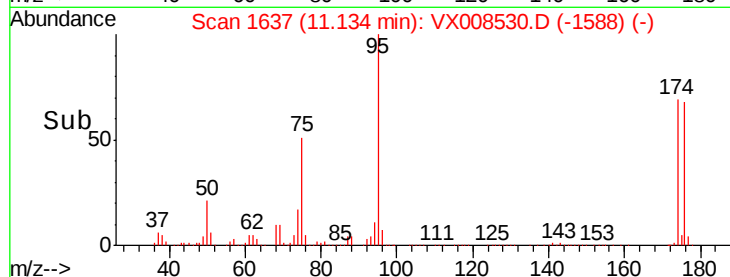
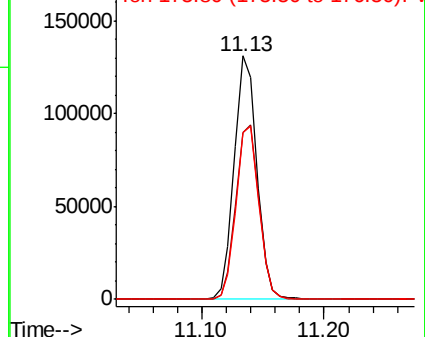
176 71.7 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX008412.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008412.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008412.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

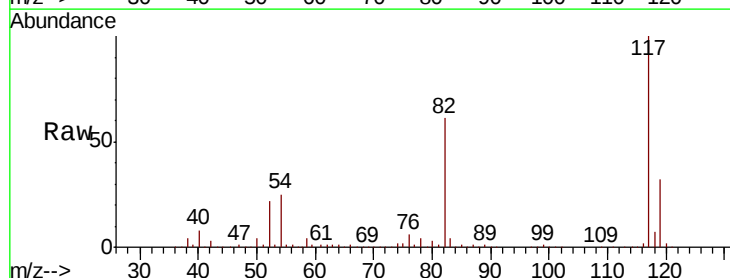
Tgt Ion: 117 Resp: 329287

Ion Ratio Lower Upper

117 100

82 60.9 49.4 74.2

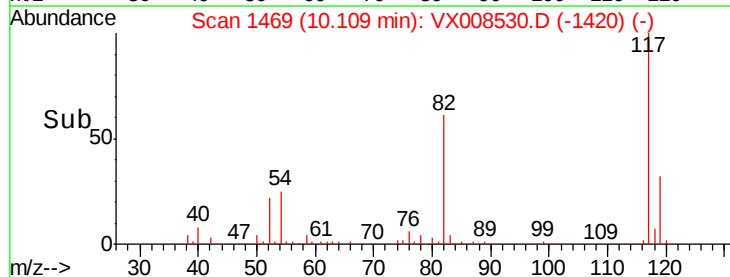
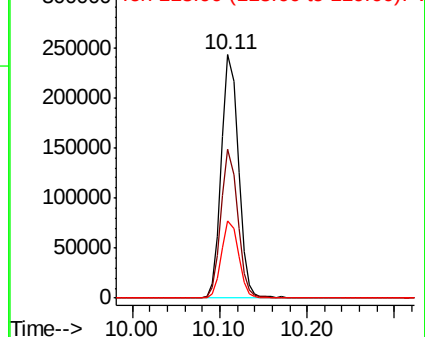
119 31.7 25.4 38.0

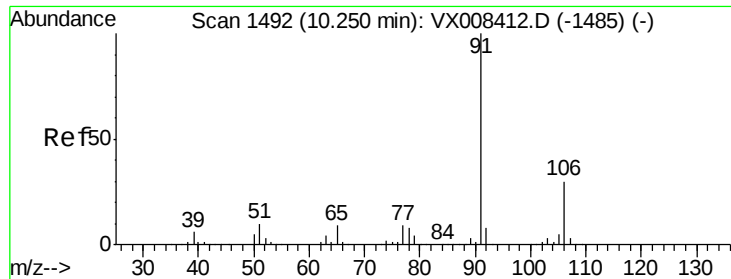


Abundance Ion 116.90 (116.60 to 117.60): VX008412.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008412.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008412.D (-1462) (-)

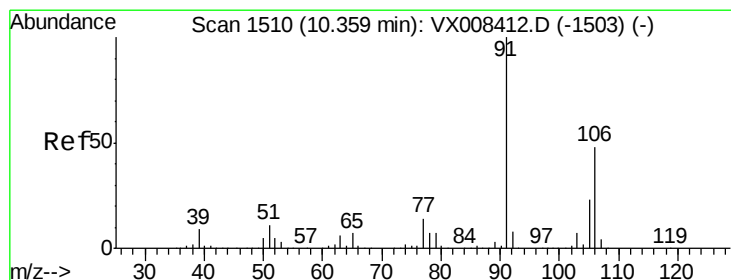
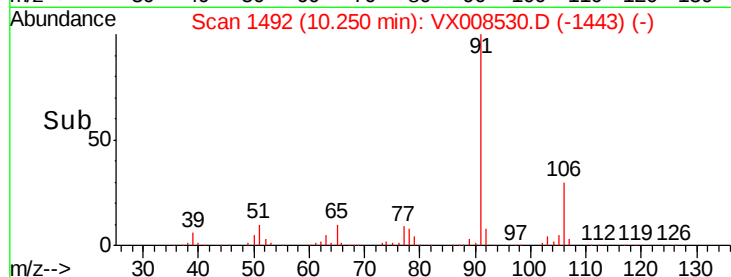
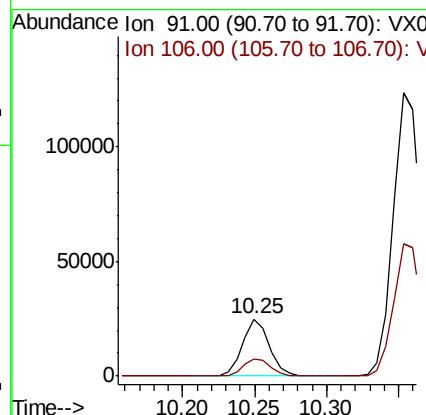
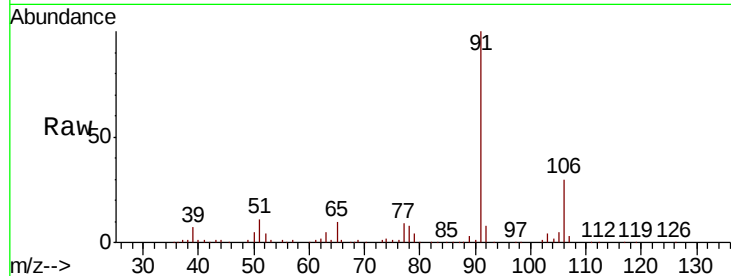




#67
Ethyl Benzene
Concen: 2.425 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

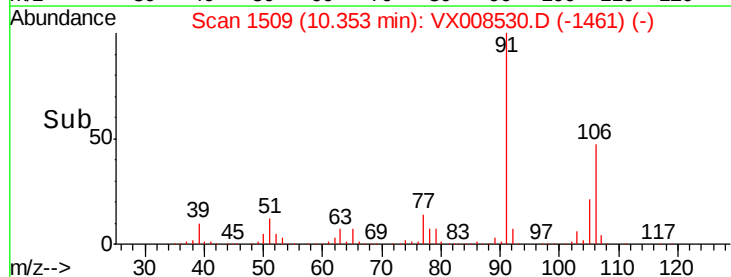
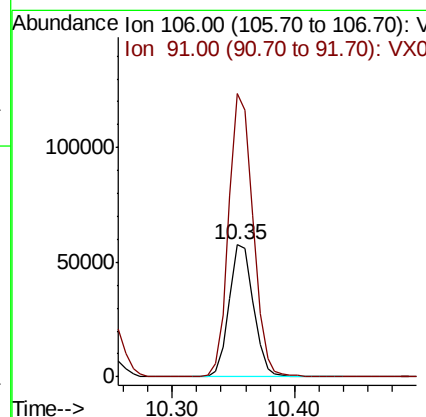
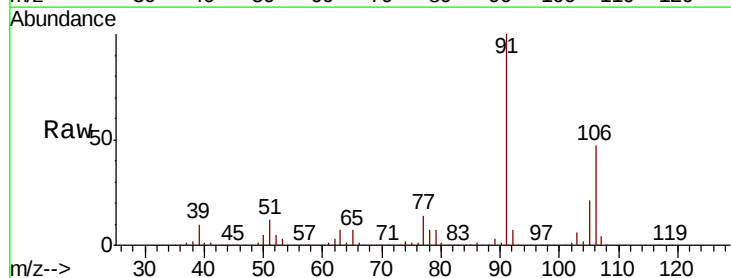
Instrument :
MSVOA_X
ClientSampled :
MW-11DL

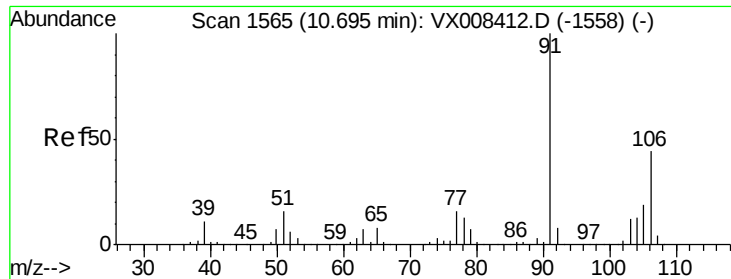
Tot Ion: 91 Resp: 32775
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0



#68
m/p-Xylenes
Concen: 16.242 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion: 106 Resp: 79855
Ion Ratio Lower Upper
106 100
91 212.4 168.6 253.0

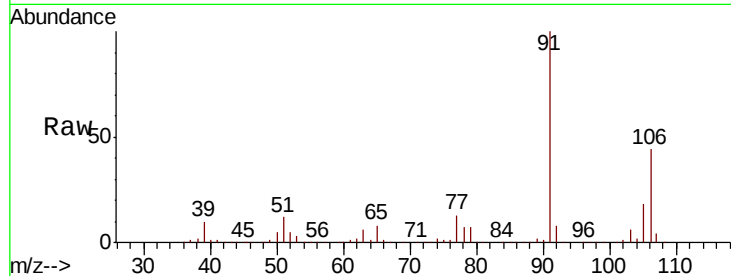




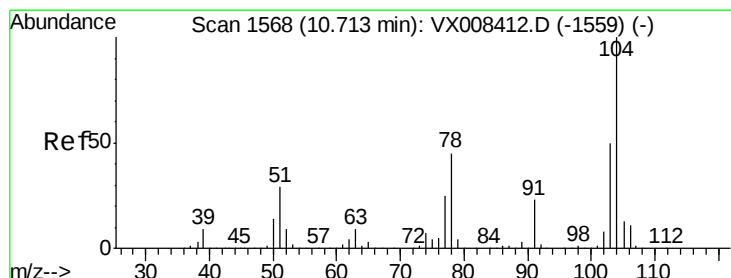
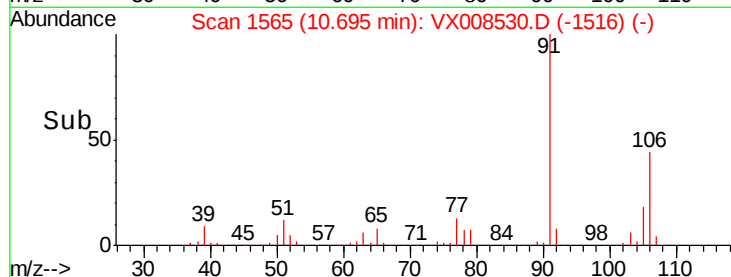
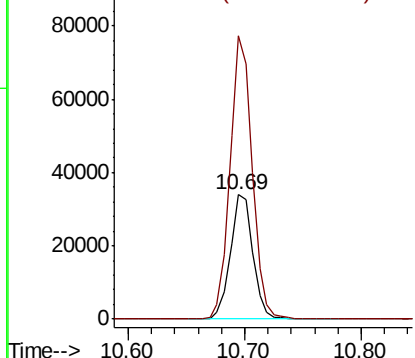
#69
o-Xylene
Concen: 9.542 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Instrument :
MSVOA_X
ClientSampled :
MW-11DL

Tot Ion:106 Resp: 45529
Ion Ratio Lower Upper
106 100
91 225.6 111.4 334.2

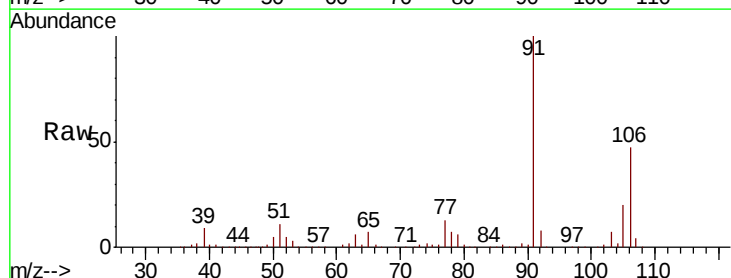


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

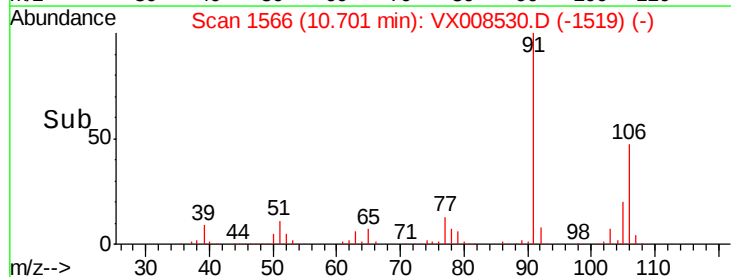
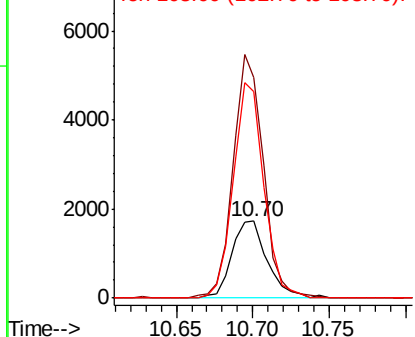


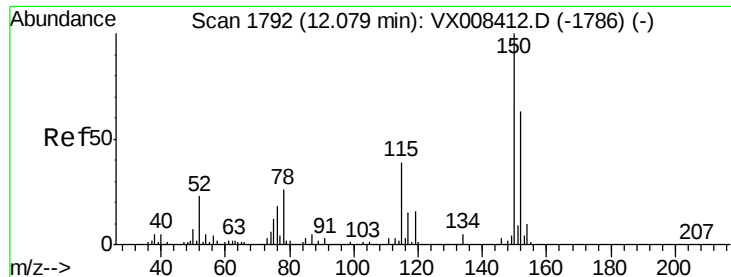
#70
Styrene
Concen: 0.335 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion:104 Resp: 2763
Ion Ratio Lower Upper
104 100
78 269.7 42.5 63.7#
103 242.3 44.2 66.4#



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



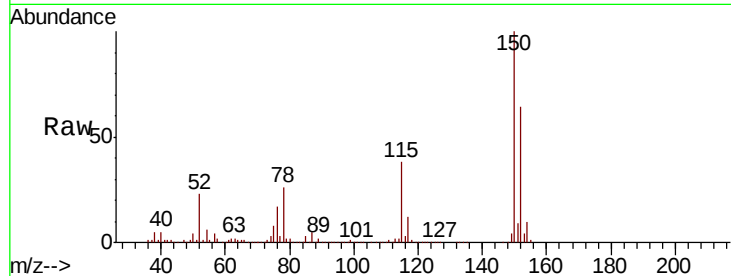


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Instrument :
MSVOA_X
ClientSampled :
MW-11DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.5	130.5
150	158.6	0.0	348.8

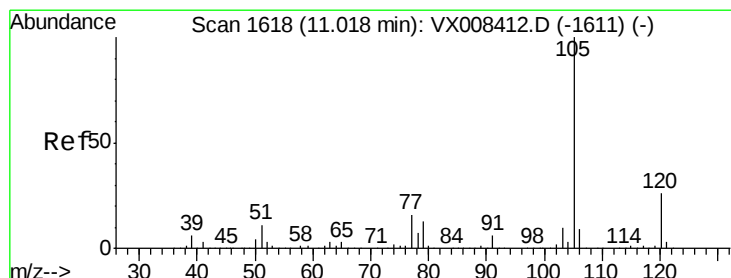
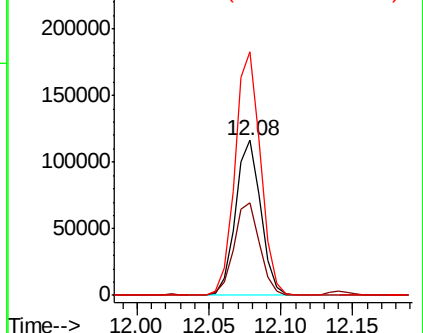
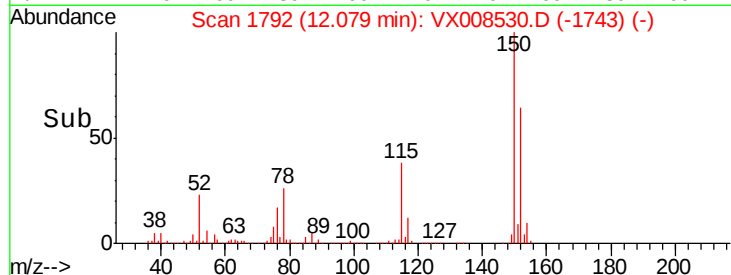


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

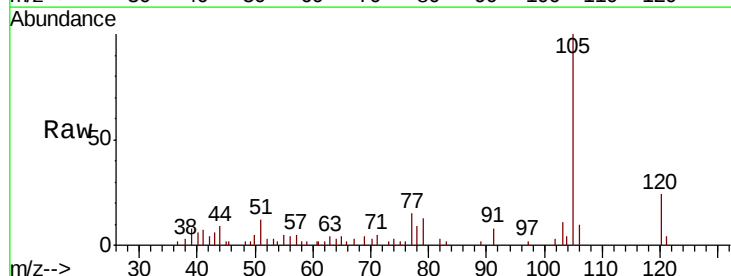
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 0.345 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

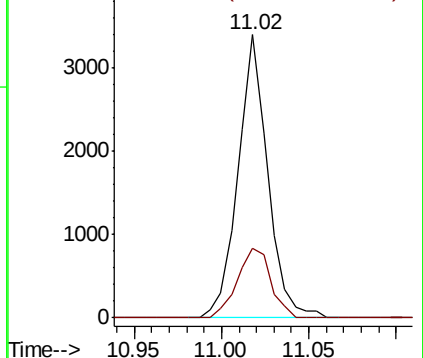
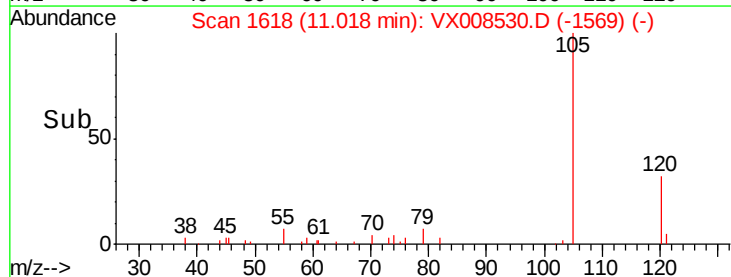
Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	12.9	38.7

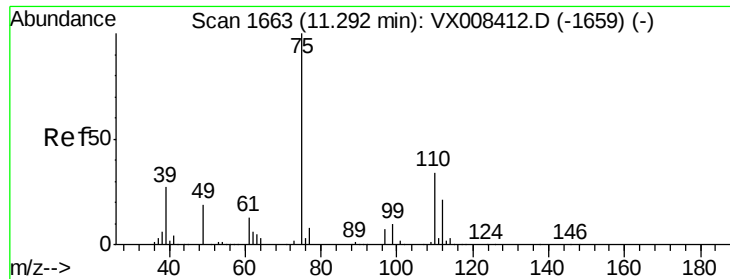


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 19.774 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

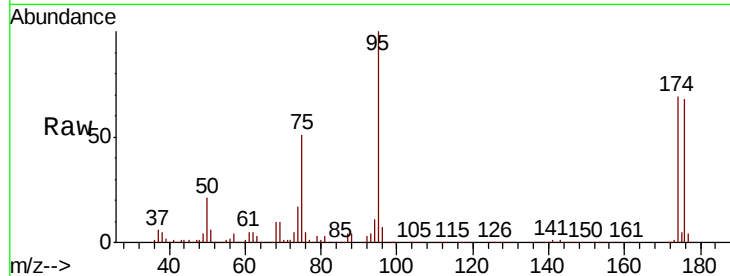
MW-11DL

Tot Ion: 75 Resp: 83900

Ion Ratio Lower Upper

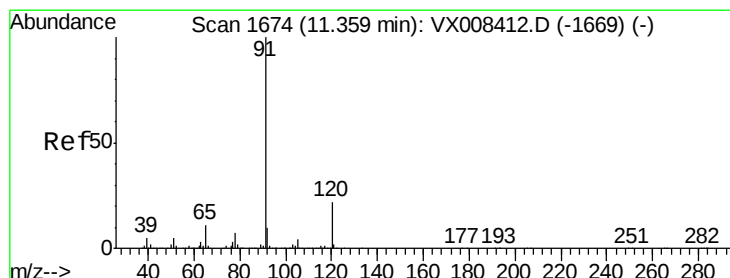
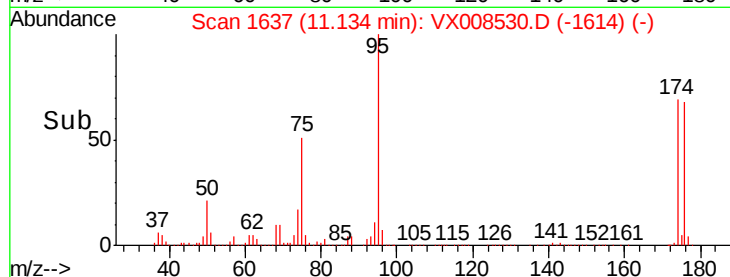
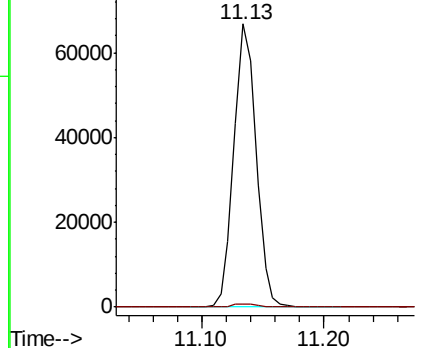
75 100

77 1.4 21.9 65.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.816 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008530.D

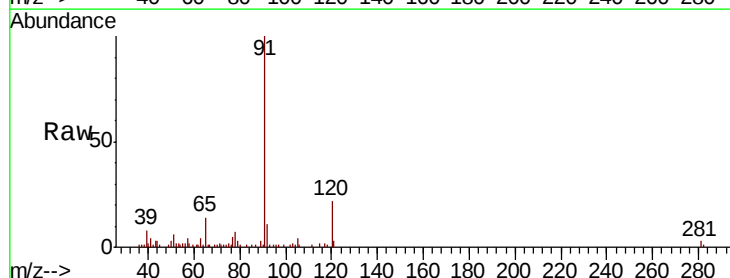
Acq: 28 Mar 2019 19:19

Tgt Ion: 91 Resp: 11101

Ion Ratio Lower Upper

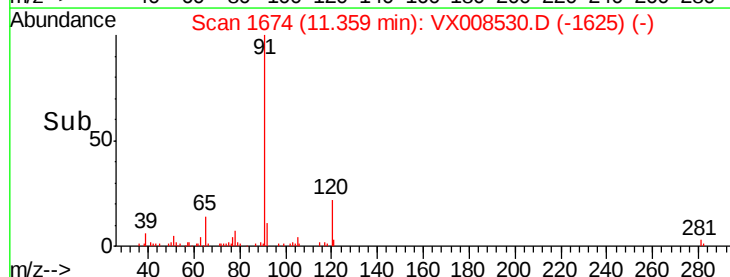
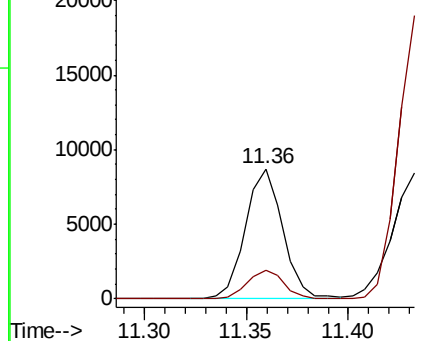
91 100

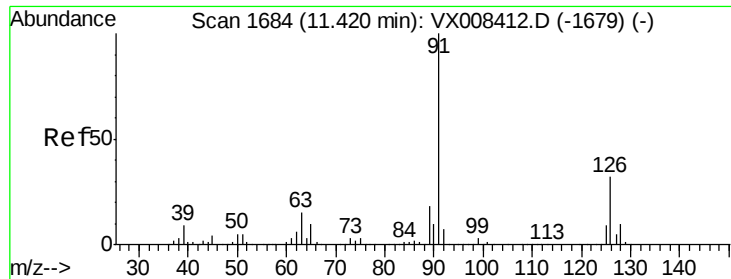
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

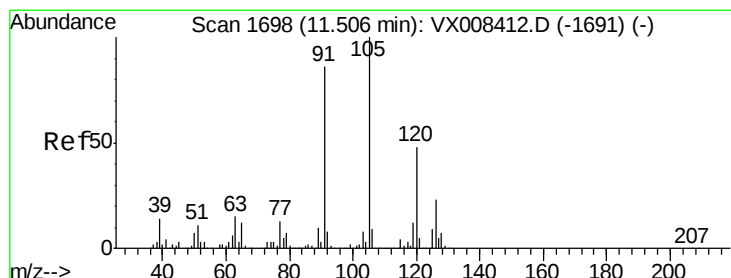
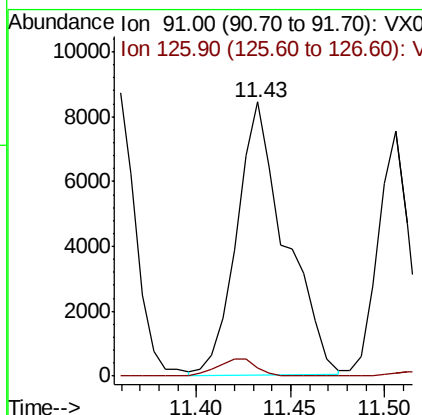
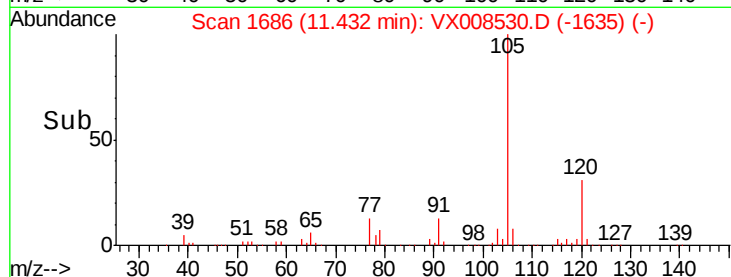
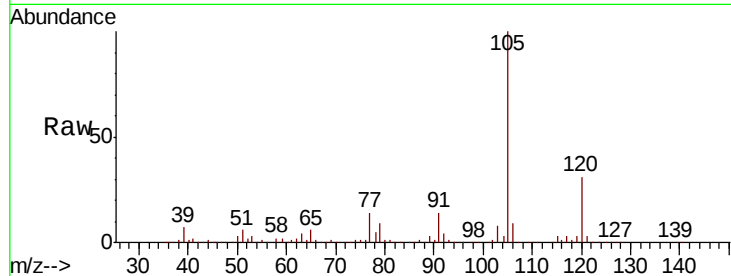




#79
 2-Chlorotoluene
 Concen: 1.828 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX008530.D
 Acq: 28 Mar 2019 19:19

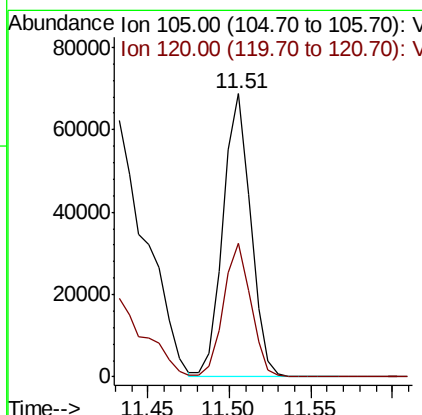
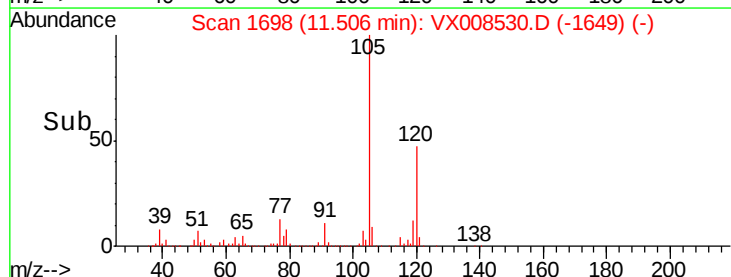
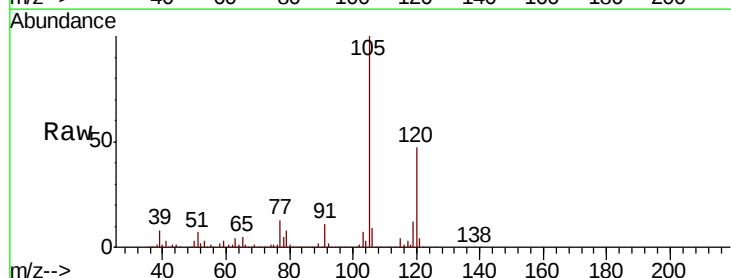
Instrument :
 MSVOA_X
 ClientSampleID :
 MW-11DL

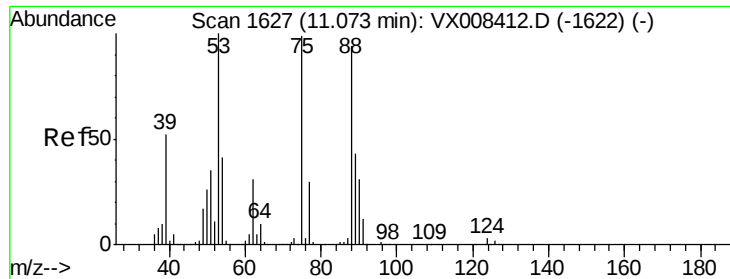
Tot Ion: 91 Resp: 15119
 Ion Ratio Lower Upper
 91 100
 126 5.0 15.7 47.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 8.287 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008530.D
 Acq: 28 Mar 2019 19:19

Tgt Ion: 105 Resp: 81343
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 63.332 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

MW-11DL

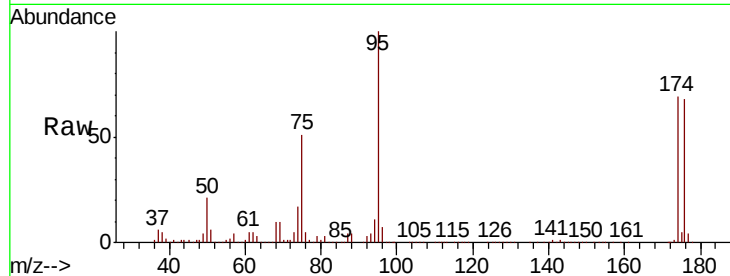
Tot Ion: 75 Resp: 83900

Ion Ratio Lower Upper

75 100

53 0.3 82.1 123.1#

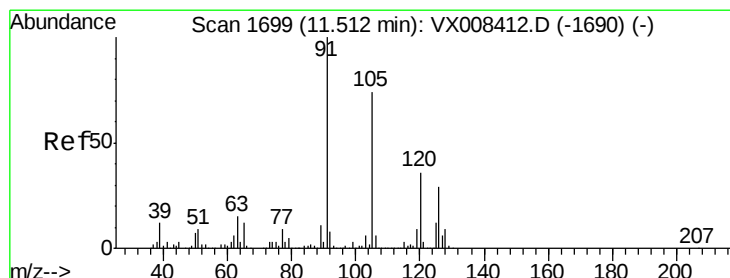
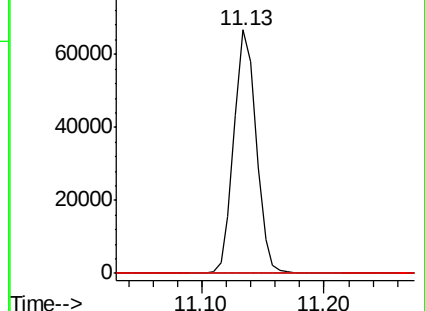
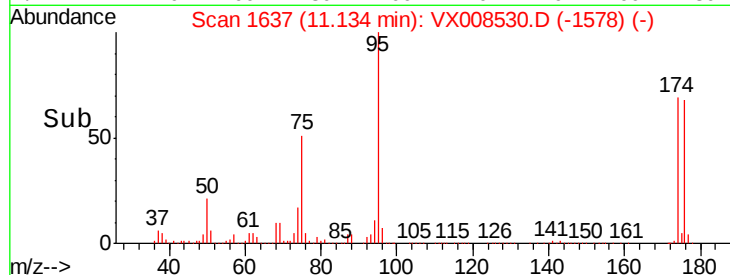
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.904 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008530.D

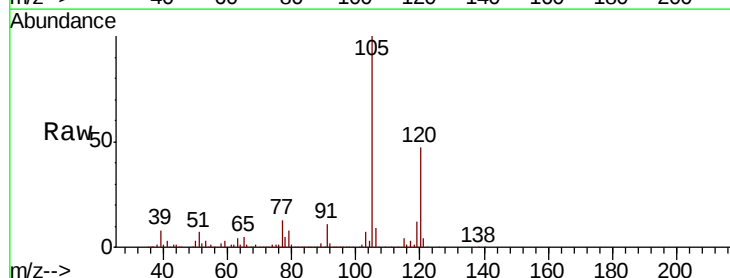
Acq: 28 Mar 2019 19:19

Tgt Ion: 91 Resp: 8630

Ion Ratio Lower Upper

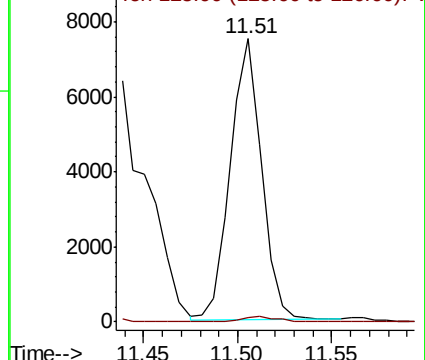
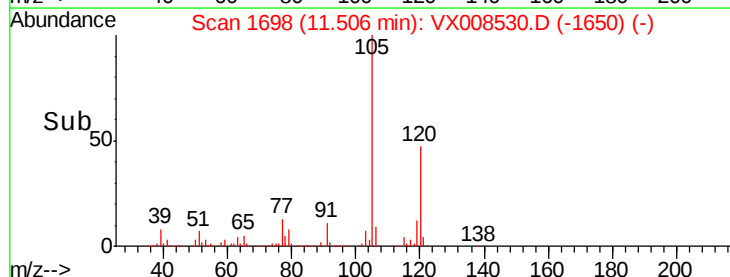
91 100

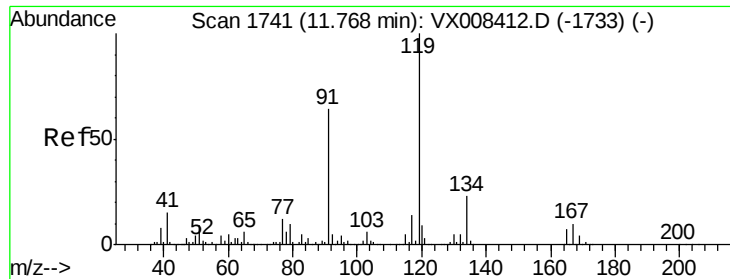
126 2.0 13.9 41.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.446 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-11DL

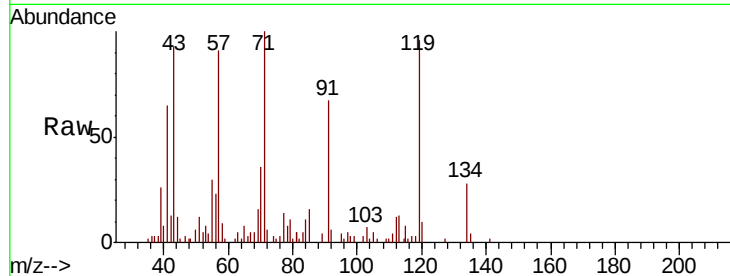
Tot Ion:119 Resp: 4227

Ion Ratio Lower Upper

119 100

91 68.3 30.1 90.3

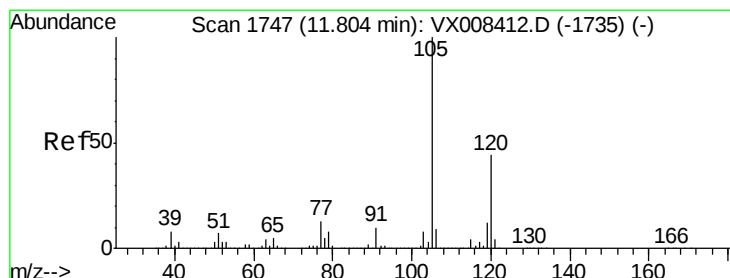
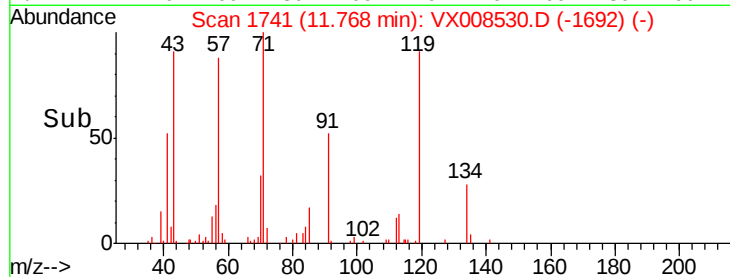
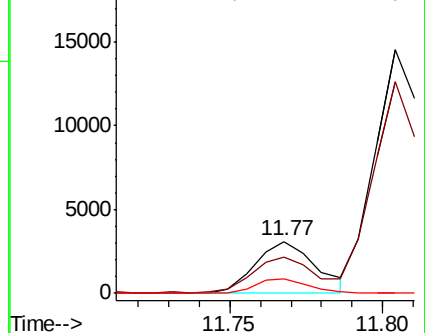
134 24.2 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 14.033 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008530.D

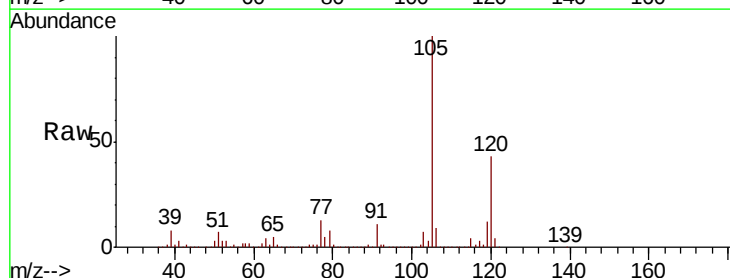
Acq: 28 Mar 2019 19:19

Tgt Ion:105 Resp: 139328

Ion Ratio Lower Upper

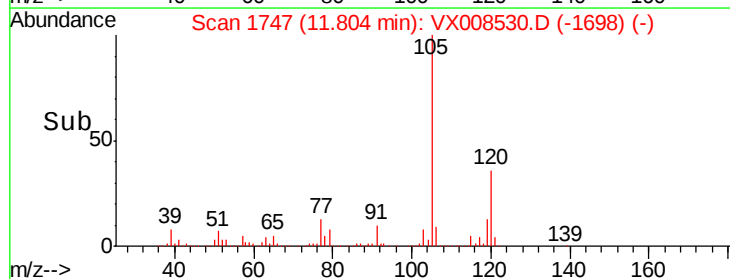
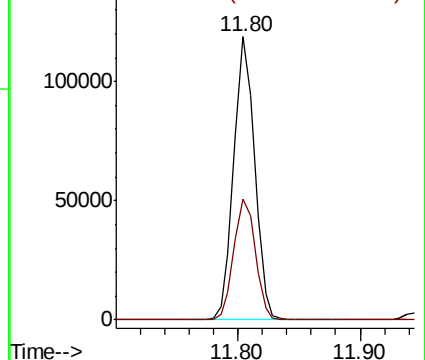
105 100

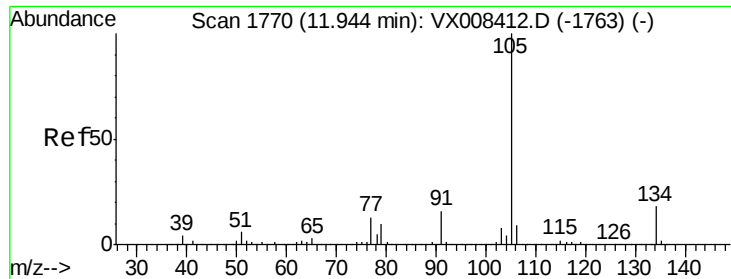
120 44.5 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 12.355 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

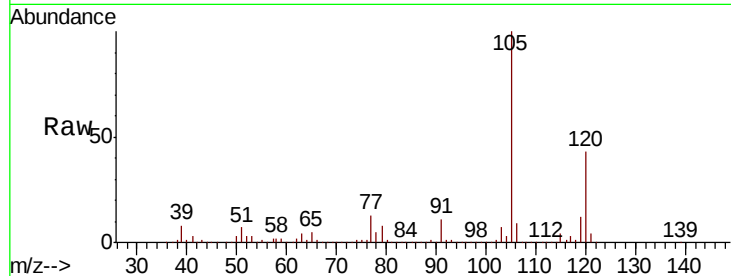
MW-11DL

Tot Ion:105 Resp: 139346

Ion Ratio Lower Upper

105 100

134 0.0 9.3 28.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

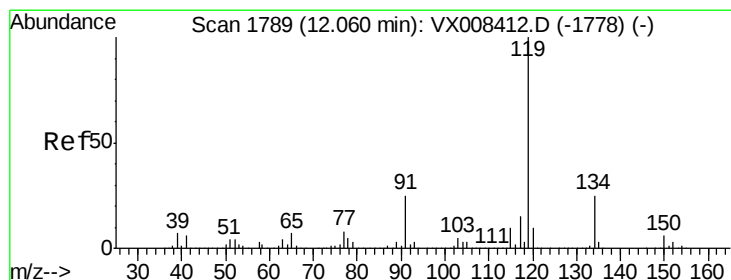
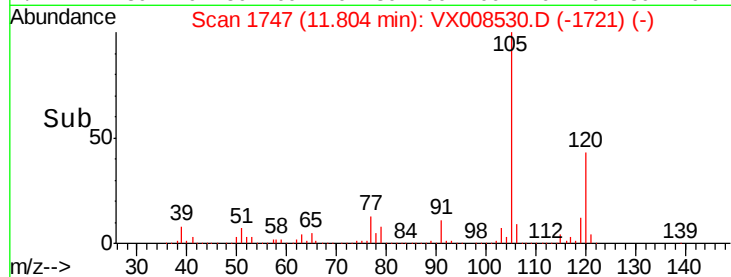
11.80

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.885 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008530.D

Acq: 28 Mar 2019 19:19

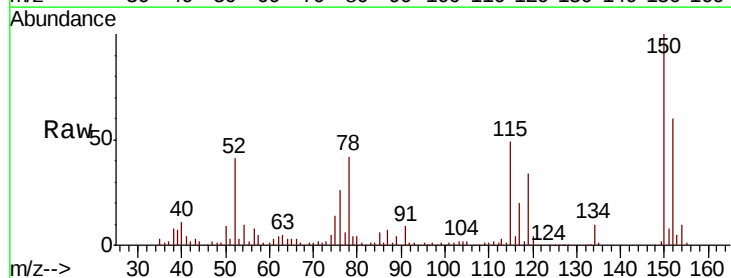
Tgt Ion:119 Resp: 8810

Ion Ratio Lower Upper

119 100

134 27.6 12.8 38.4

91 27.1 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

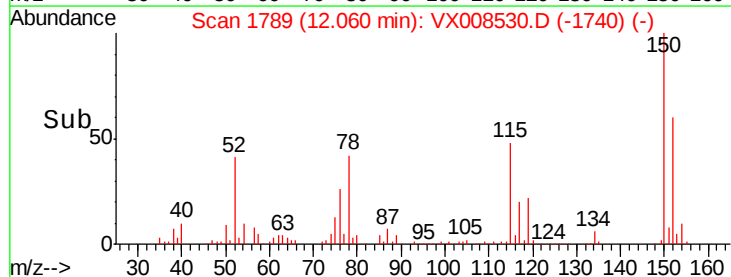
15000

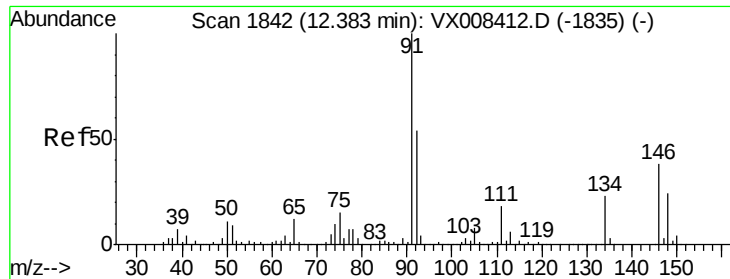
10000

5000

0

Time-->

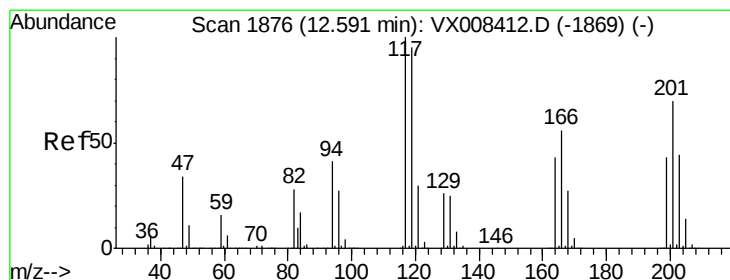
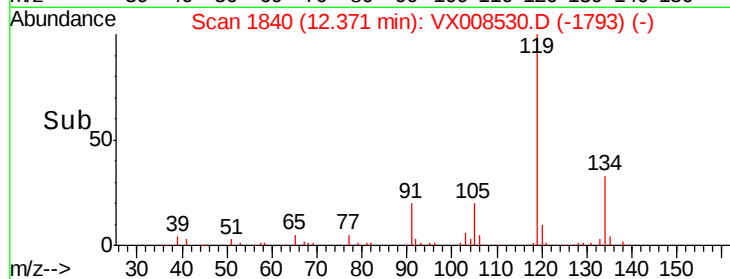
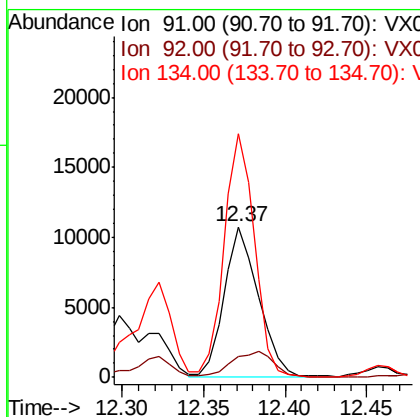
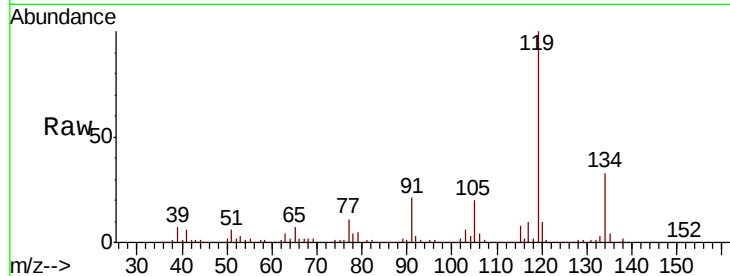




#89
n-Butylbenzene
Concen: 1.653 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

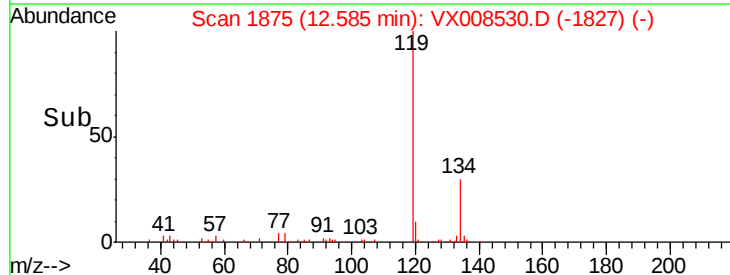
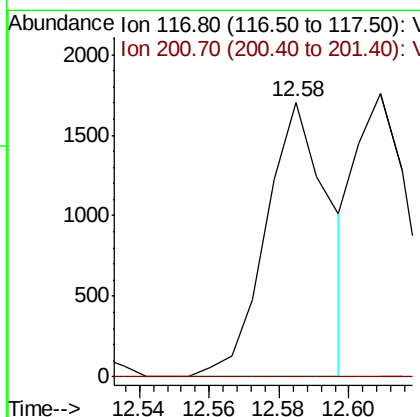
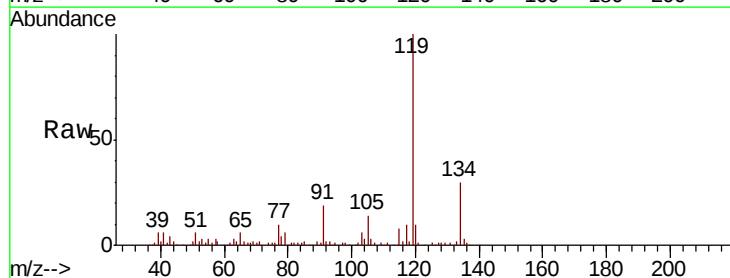
Instrument :
MSVOA_X
ClientSampled :
MW-11DL

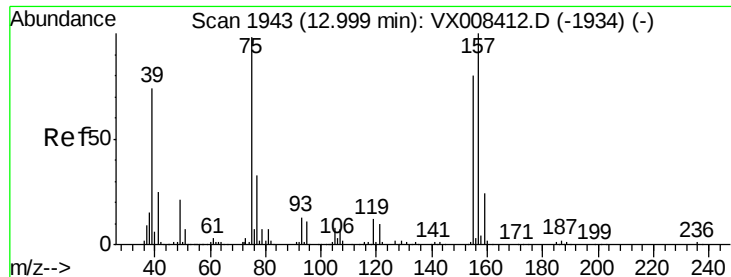
Tot Ion: 91 Resp: 15587
Ion Ratio Lower Upper
91 100
92 21.4 26.5 79.5#
134 145.1 11.8 35.4#



#90
Hexachloroethane
Concen: 1.293 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX008530.D
Acq: 28 Mar 2019 19:19

Tgt Ion: 117 Resp: 2143
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.1#

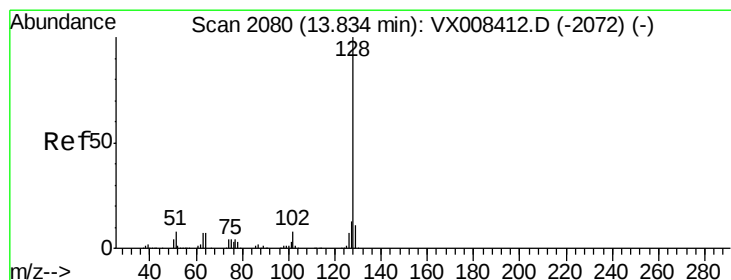
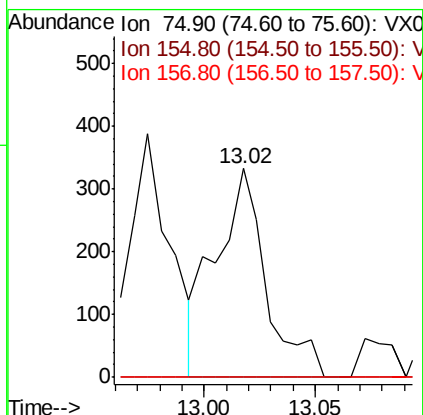
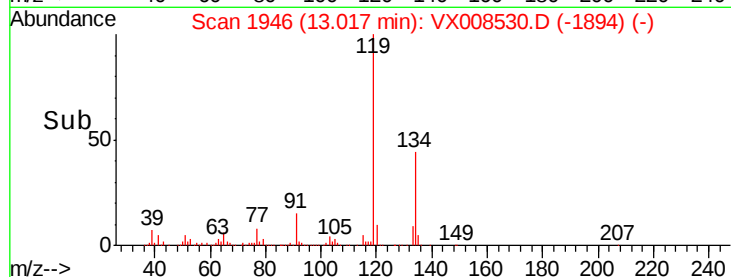
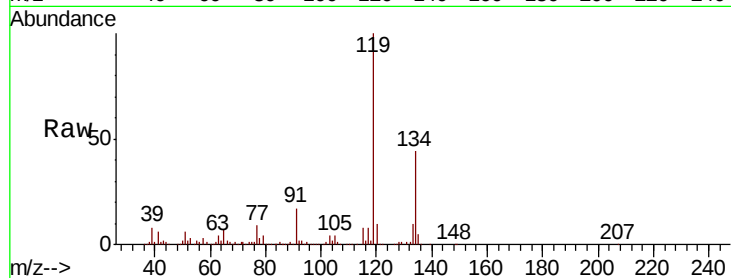




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.533 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX008530.D
 Acq: 28 Mar 2019 19:19

Instrument :
 MSVOA_X
 ClientSampled :
 MW-11DL

Tot Ion: 75 Resp: 524
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.5 118.5#
 157 0.0 49.9 149.7#



#95
 Naphthalene
 Concen: 3.077 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX008530.D
 Acq: 28 Mar 2019 19:19

Tgt Ion: 128 Resp: 35809
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.4 15.6
 129 11.1 8.7 13.1

