

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013475.D
 Acq On : 20 Nov 2019 14:25
 Operator : JC/SP
 Sample : K5958-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Nov 21 00:46:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	710659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1161898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1056694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	504710	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	416891	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	5.48	113	352227	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	1399217	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	508818	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	2841	Below Cal	#	43
11) Tert butyl alcohol	3.03	59	35991	16.219	ug/l #	88
13) Acrolein	2.27	56	583	0.485	ug/l	93
16) Acetone	2.43	43	16244	3.868	ug/l	93
17) Carbon Disulfide	2.56	76	5188	0.297	ug/l #	86
25) 2-Butanone	4.67	43	6082	0.987	ug/l #	83
30) Chloroform	5.20	83	49805	3.943	ug/l	92
31) Cyclohexane	5.57	56	10652	0.925	ug/l	94
36) 1,1-Dichloropropene	5.65	75	48511	4.867	ug/l #	50
38) Carbon Tetrachloride	5.65	117	62456	6.408	ug/l #	17
39) Methylcyclohexane	7.46	83	42523	3.424	ug/l	97
40) Benzene	6.14	78	15893	0.512	ug/l #	85
44) Trichloroethene	7.22	130	5093	0.596	ug/l	95
48) Methyl methacrylate	7.73	41	2124	0.222	ug/l #	15
49) 1,4-Dioxane	7.75	88	274	1.250	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	8989	0.714	ug/l #	63
55) 1,1,2-Trichloroethane	9.16	97	45433	5.696	ug/l #	19
56) Ethyl methacrylate	9.16	69	10899	2.338	ug/l #	14
59) 2-Hexanone	9.30	43	4997	0.514	ug/l	77
64) Tetrachloroethene	9.33	164	12312	1.628	ug/l	96
67) Ethyl Benzene	10.25	91	3973983	107.631	ug/l	99
68) m/p-Xylenes	10.35	106	1671869	119.729	ug/l	99
69) o-Xylene	10.70	106	19257	1.409	ug/l	97
71) Bromoform	10.85	173	399	3.254	ug/l #	28
73) Isopropylbenzene	11.01	105	6803703	203.320	ug/l	98
74) N-amyl acetate	10.90	43	164789	10.620	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	103102	8.446	ug/l #	35
76) 1,2,3-Trichloropropane	11.35	75	82880	8.085	ug/l #	1
78) n-propylbenzene	11.35	91	12103351	324.697	ug/l	90
79) 2-Chlorotoluene	11.45	91	1346664	59.962	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	8523760	305.808	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.01	75	74968	18.824	ug/l #	64
82) 4-Chlorotoluene	11.50	91	922388	35.085	ug/l #	44
83) tert-Butylbenzene	11.77	119	648352	23.107	ug/l	86

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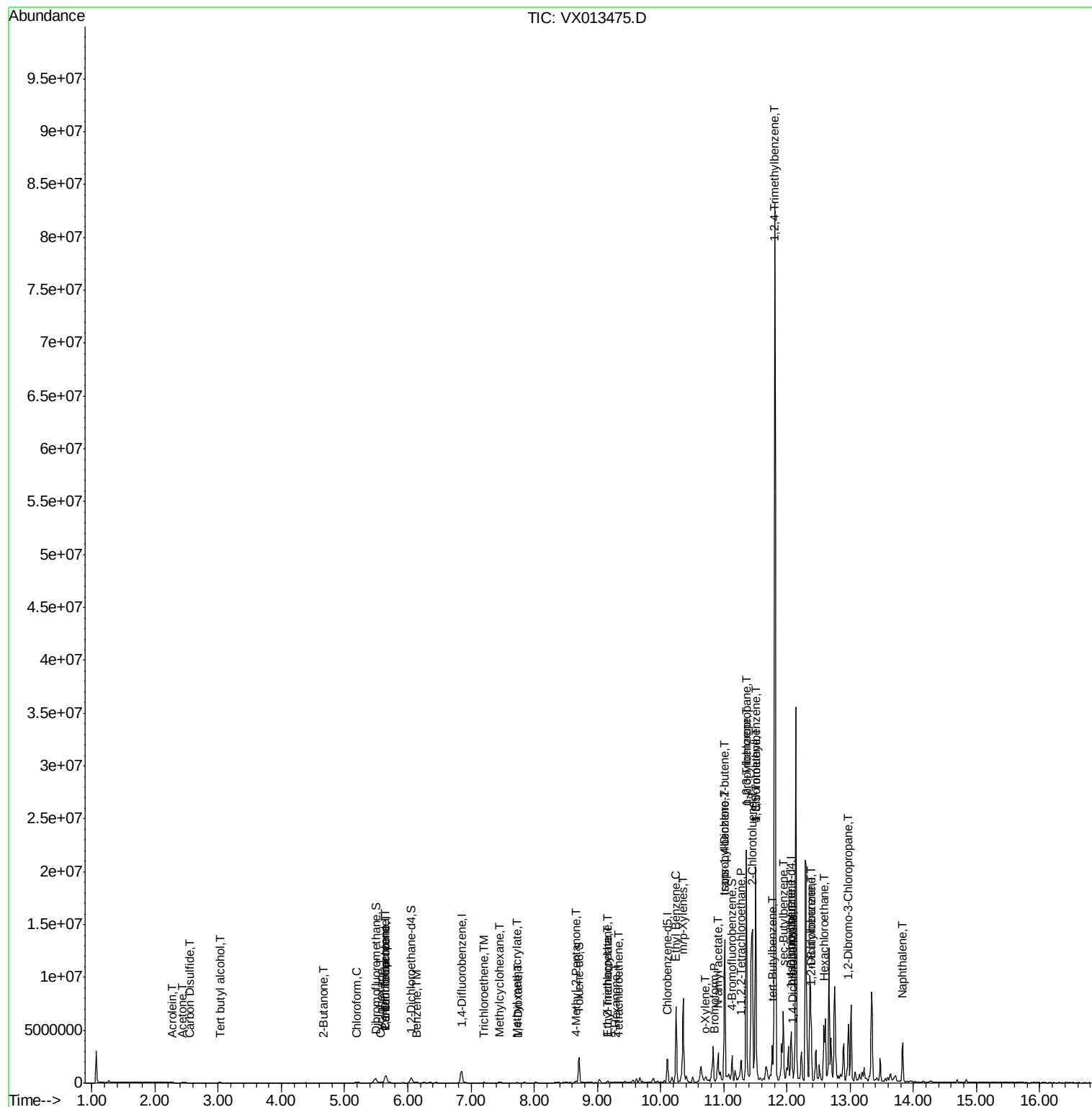
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	18386612	657.590	ug/l #	43
85) sec-Butylbenzene	11.94	105	3280967	101.745	ug/l #	75
86) p-Isopropyltoluene	12.06	119	1665677	56.095	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	6552	0.404	ug/l #	1
89) n-Butylbenzene	12.39	91	2256307	87.082	ug/l #	57
90) Hexachloroethane	12.59	117	214115	40.471	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	3789	0.238	ug/l #	69
92) 1,2-Dibromo-3-Chloropropan	12.97	75	17364	5.838	ug/l #	1
95) Naphthalene	13.83	128	2231594	64.150	ug/l	99

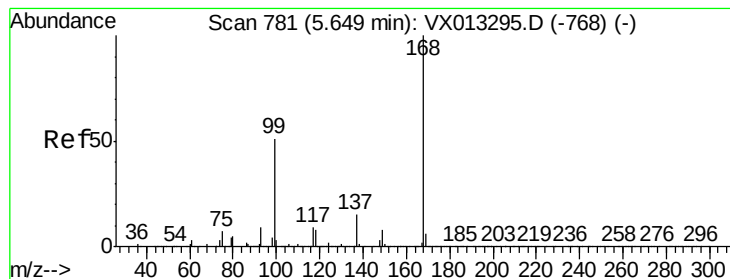
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

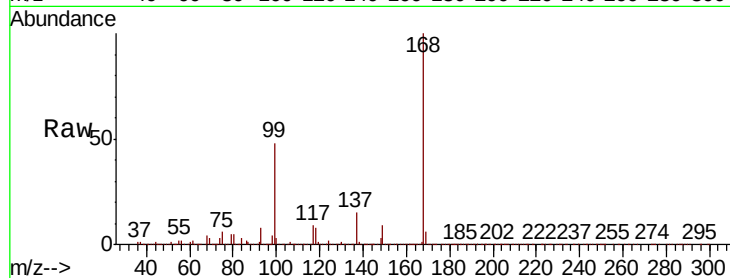
MW-2

Tot Ion:168 Resp: 710659

Ion Ratio Lower Upper

168 100

99 48.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

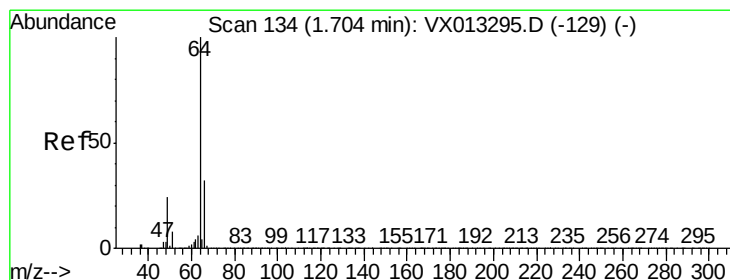
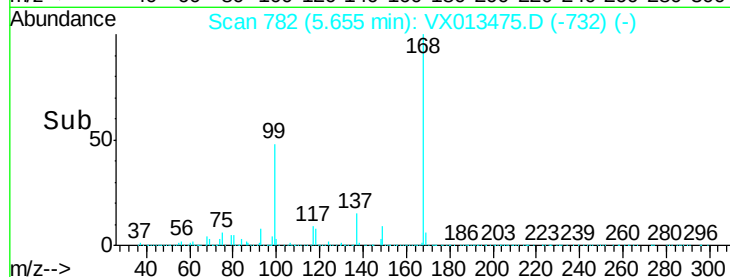
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 139

Delta R.T. 0.03 min

Lab File: VX013475.D

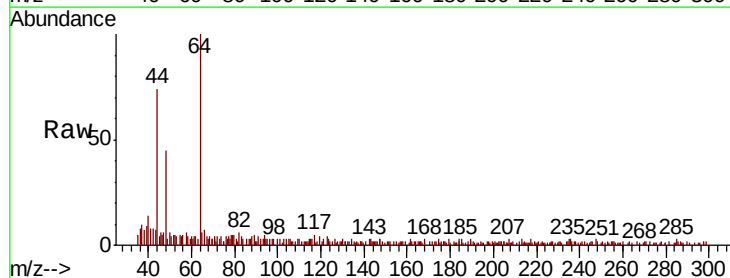
Acq: 20 Nov 2019 14:25

Tgt Ion: 64 Resp: 2841

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

8000

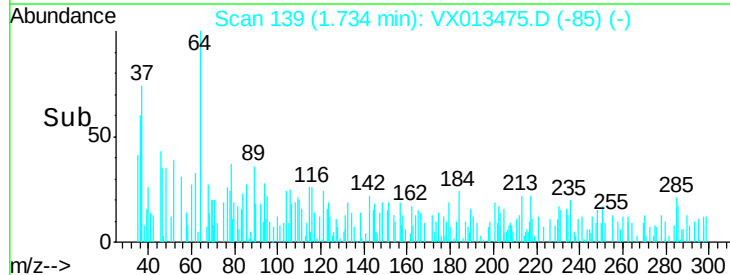
6000

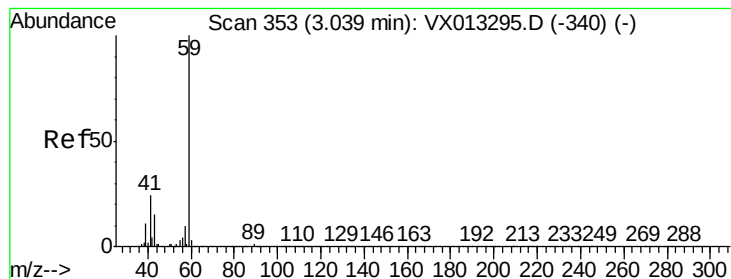
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2000

0

Time-->



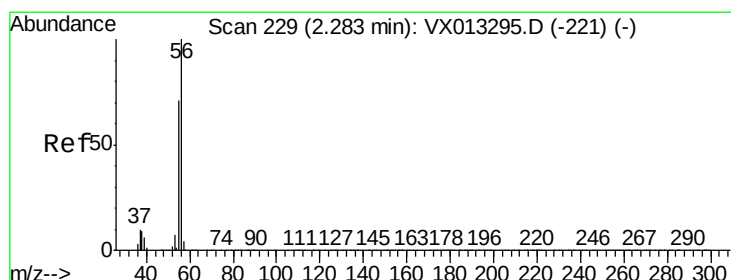
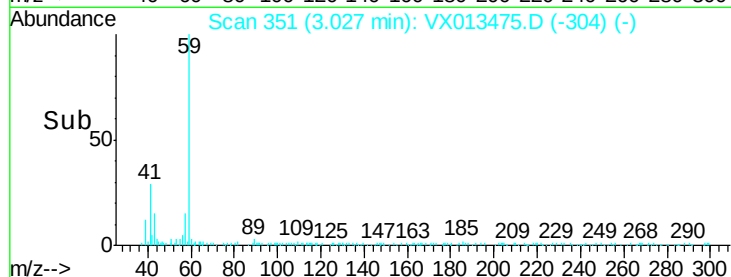
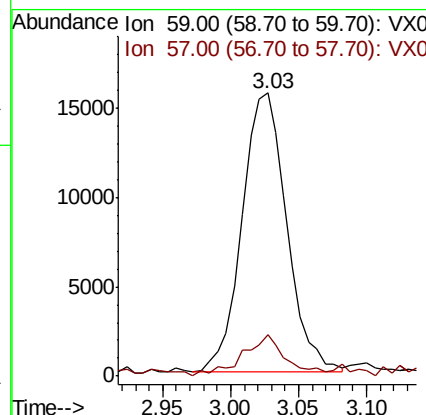
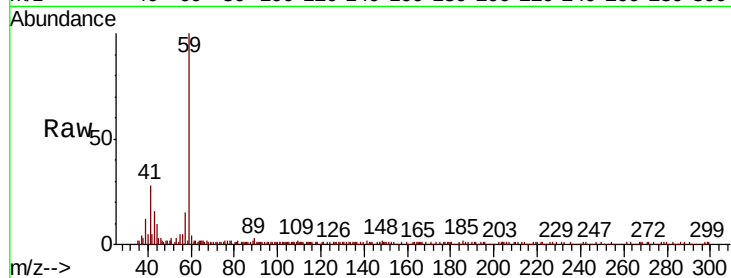


#11

Tert butyl alcohol
 Concen: 16.219 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013475.D
 Acq: 20 Nov 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

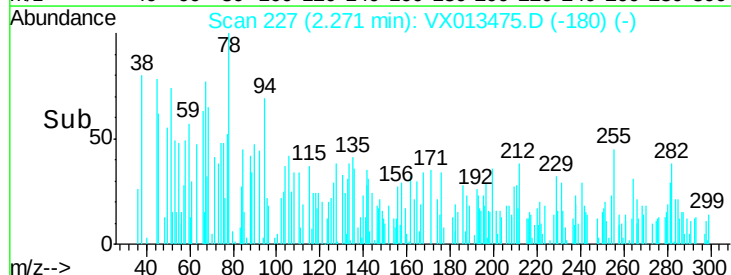
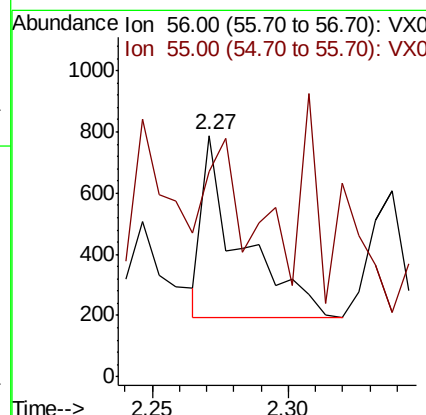
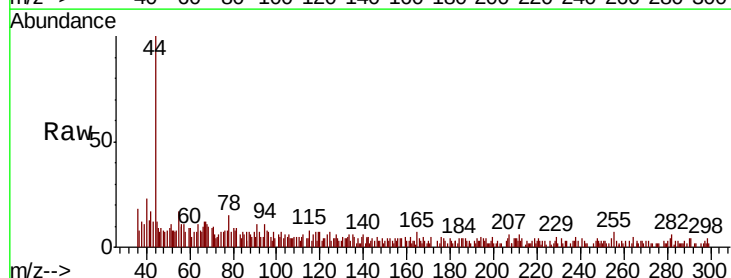
Tot Ion: 59 Resp: 35991
 Ion Ratio Lower Upper
 59 100
 57 14.3 8.0 12.0#

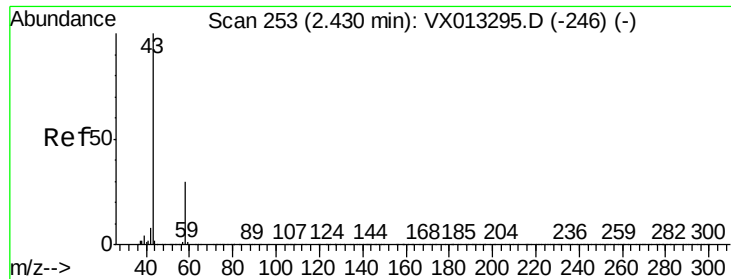


#13

Acrolein
 Concen: 0.485 ug/l
 RT: 2.27 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VX013475.D
 Acq: 20 Nov 2019 14:25

Tgt Ion: 56 Resp: 583
 Ion Ratio Lower Upper
 56 100
 55 65.7 57.4 86.0





#16

Acetone

Concen: 3.868 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

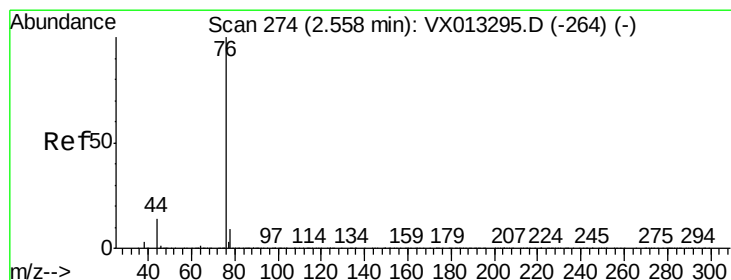
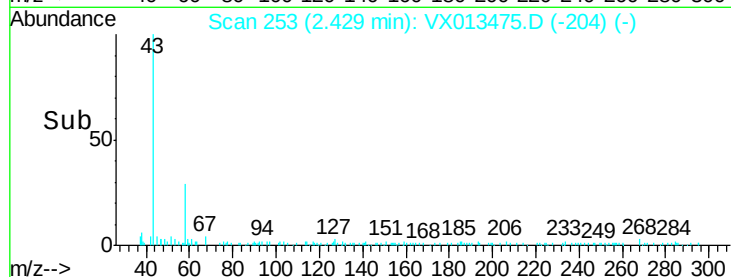
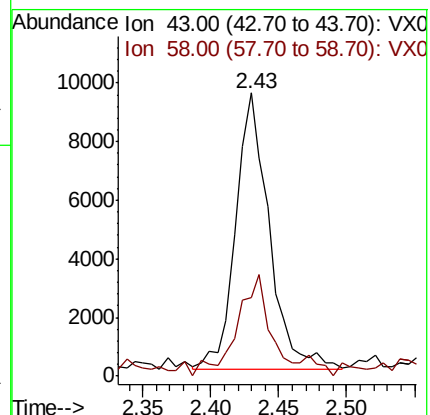
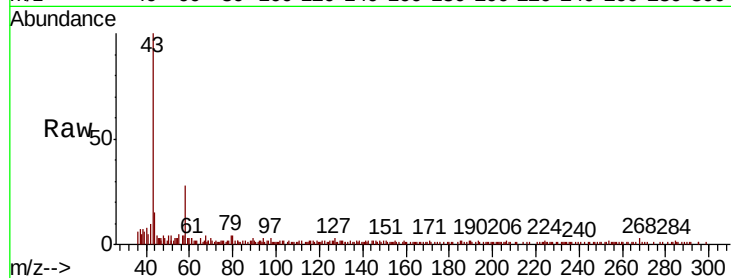
MW-2

Tot Ion: 43 Resp: 16244

Ion Ratio Lower Upper

43 100

58 26.7 24.3 36.5



#17

Carbon Disulfide

Concen: 0.297 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013475.D

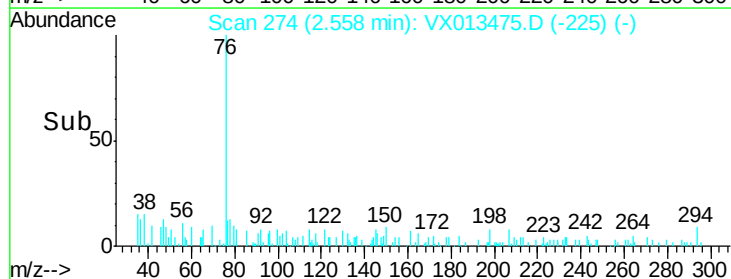
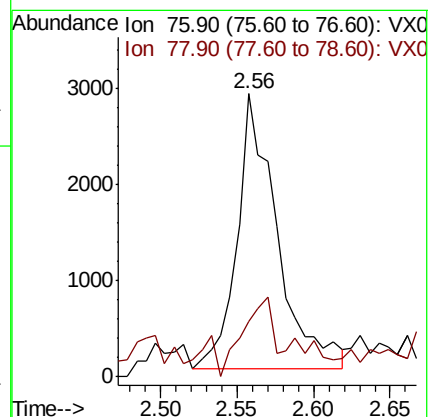
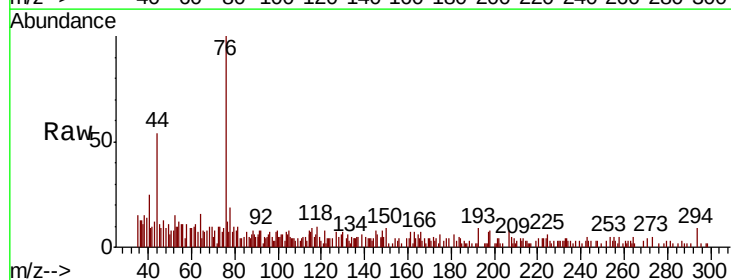
Acq: 20 Nov 2019 14:25

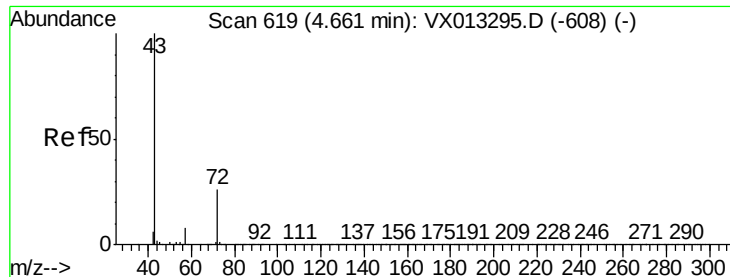
Tgt Ion: 76 Resp: 5188

Ion Ratio Lower Upper

76 100

78 13.7 7.0 10.6#





#25

2-Butanone

Concen: 0.987 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

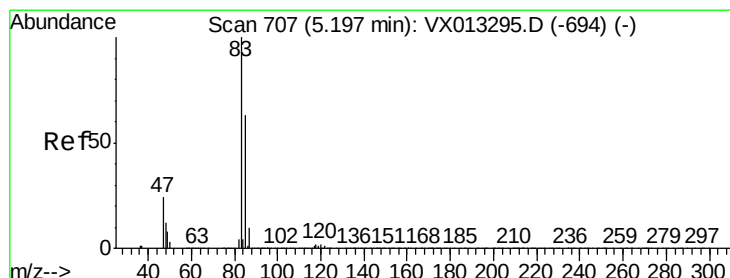
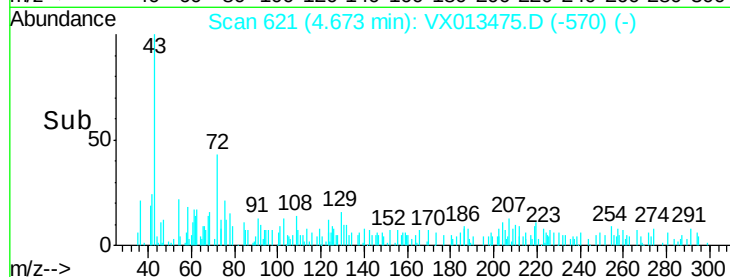
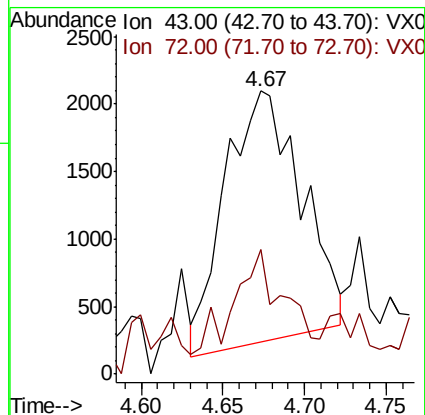
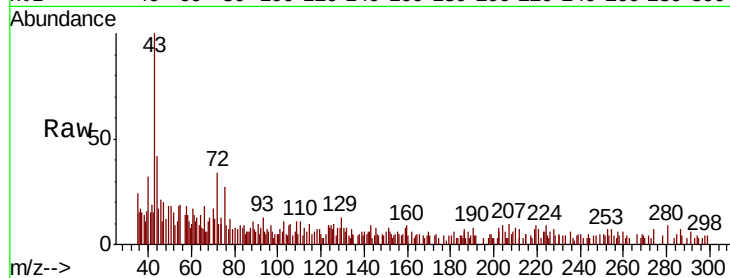
MW-2

Tot Ion: 43 Resp: 6082

Ion Ratio Lower Upper

43 100

72 35.0 21.0 31.6#



#30

Chloroform

Concen: 3.943 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013475.D

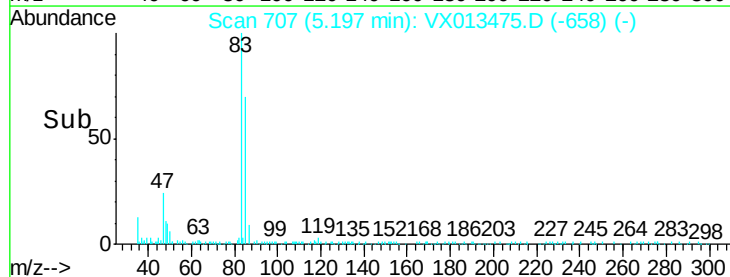
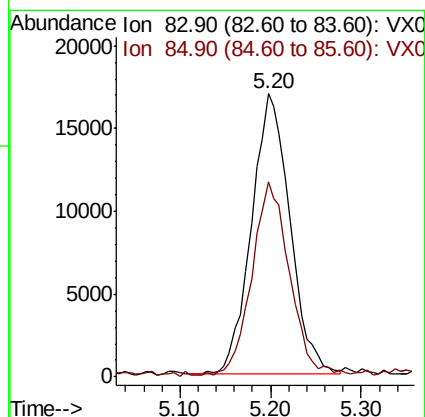
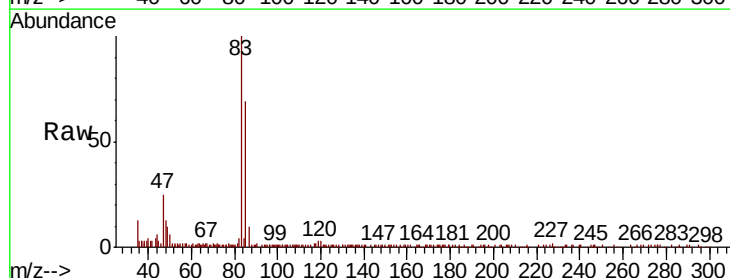
Acq: 20 Nov 2019 14:25

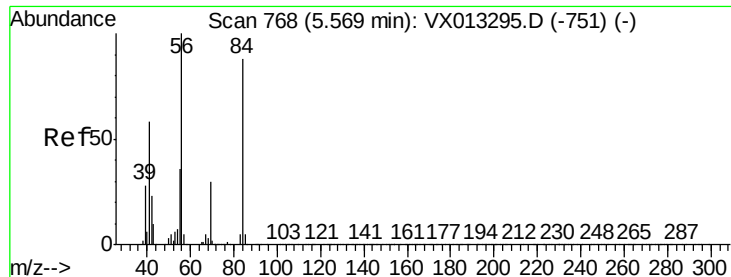
Tgt Ion: 83 Resp: 49805

Ion Ratio Lower Upper

83 100

85 69.0 50.2 75.4





#31

Cyclohexane

Concen: 0.925 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

MW-2

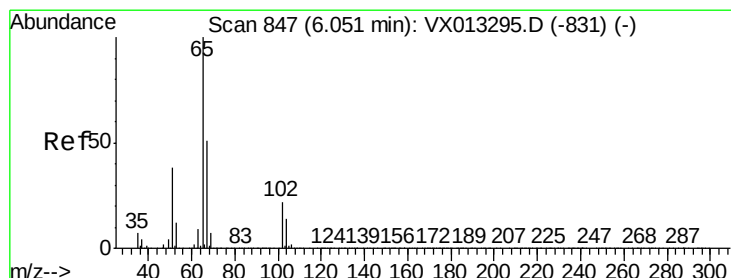
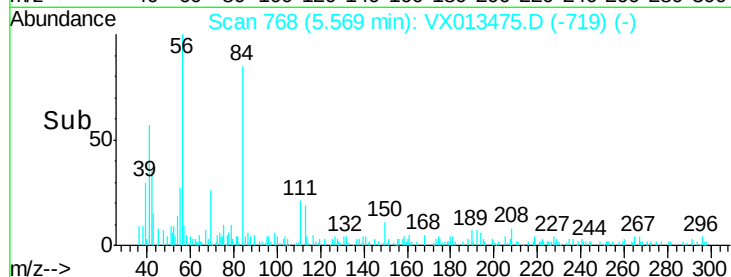
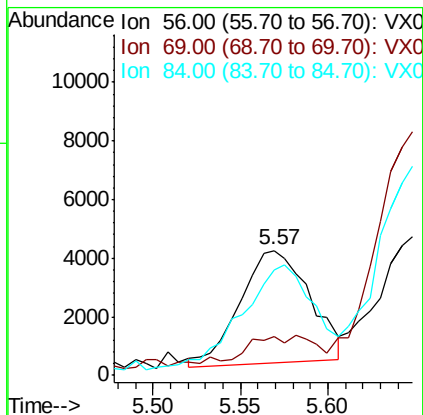
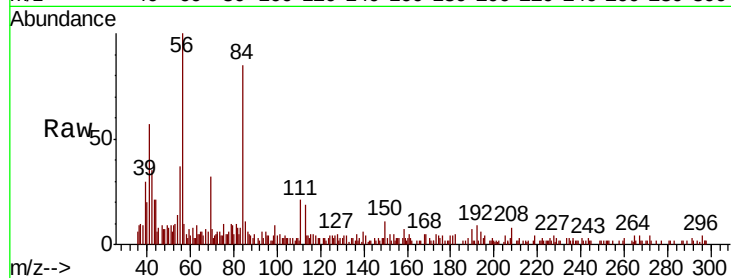
Tot Ion: 56 Resp: 10652

Ion Ratio Lower Upper

56 100

69 24.2 23.7 35.5

84 84.0 70.6 105.8



#33

1,2-Dichloroethane-d4

Concen: 49.517 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013475.D

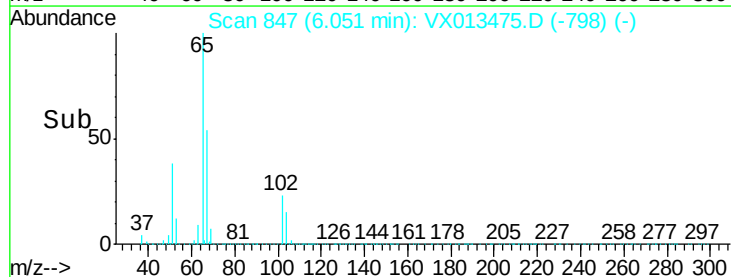
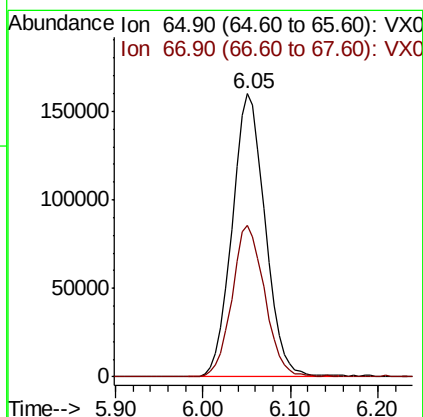
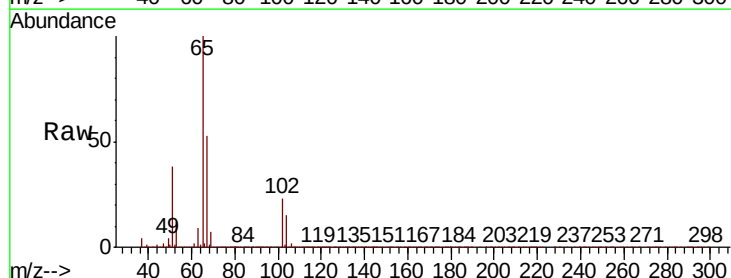
Acq: 20 Nov 2019 14:25

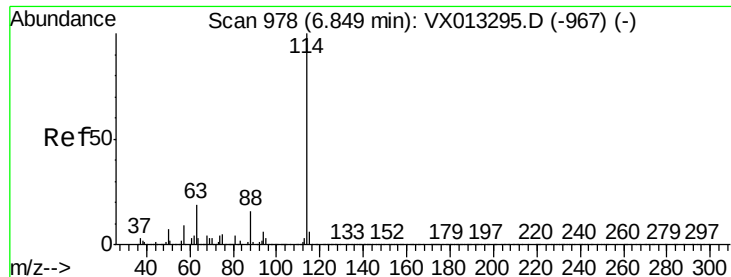
Tgt Ion: 65 Resp: 416891

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

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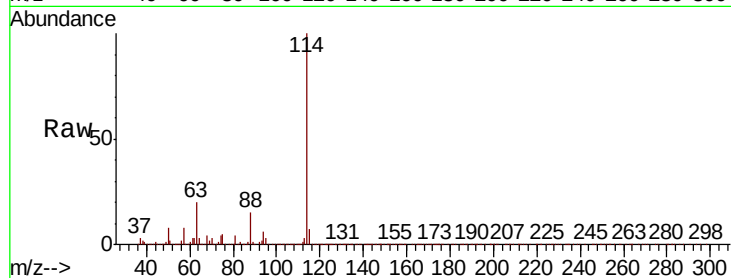
Tot Ion:114 Resp: 1161898

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

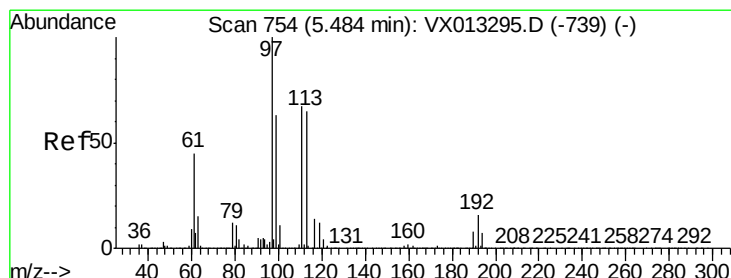
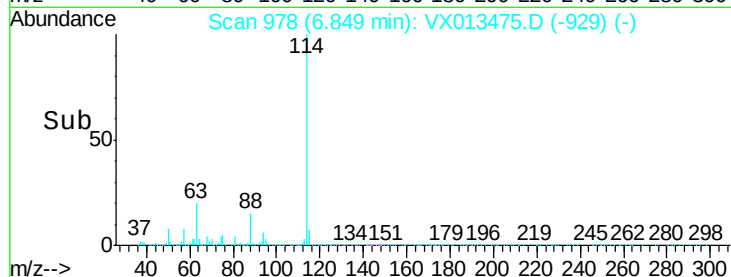
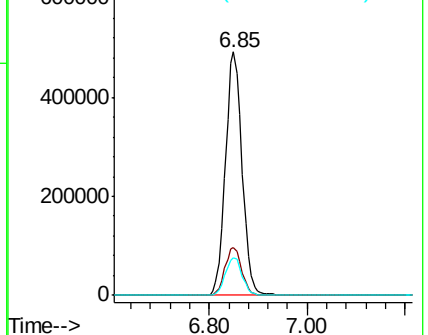
88 15.2 0.0 32.2



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: 48.333 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

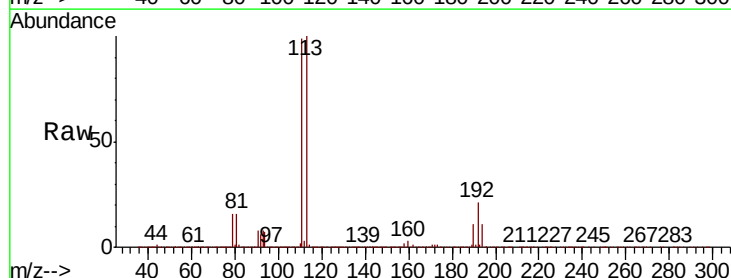
Tgt Ion:113 Resp: 352227

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

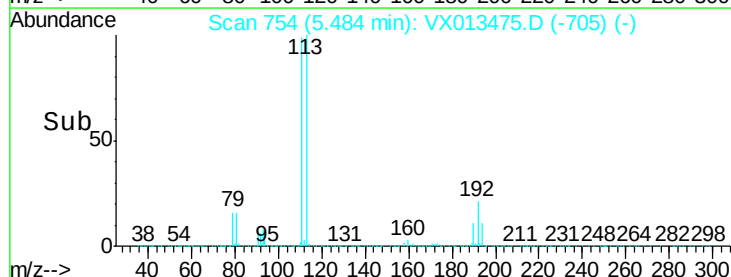
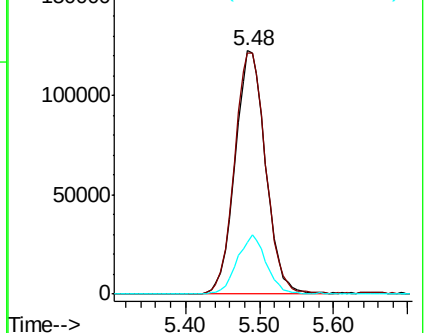
192 23.2 19.1 28.7

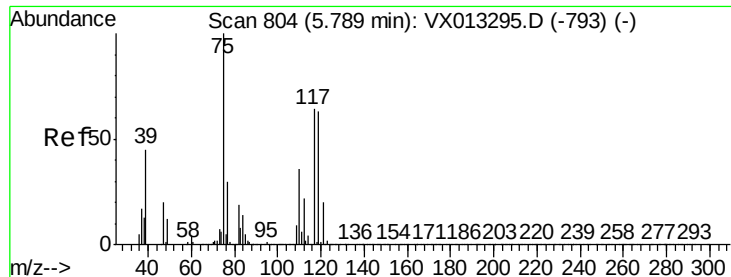


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.867 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

MW-2

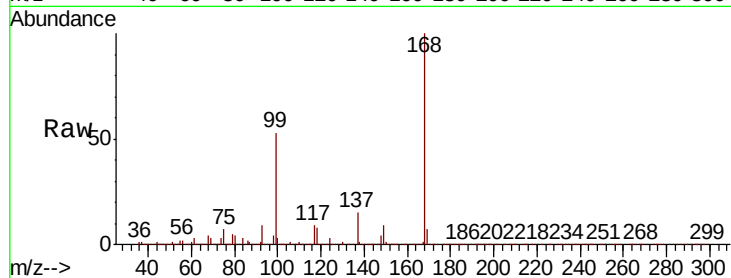
Tot Ion: 75 Resp: 48511

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.1#

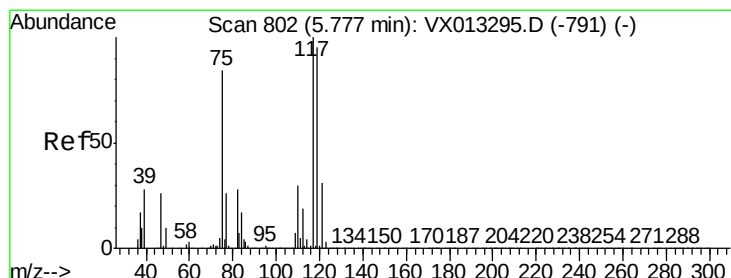
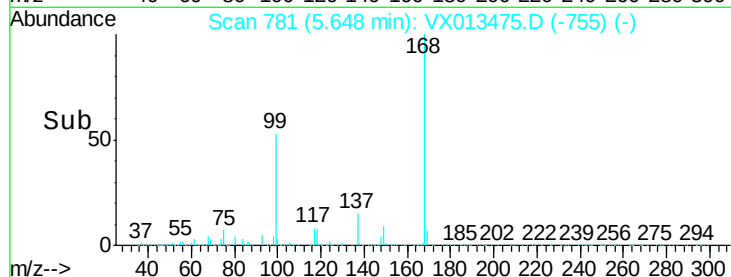
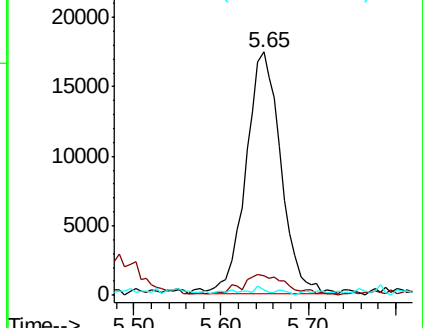
77 0.5 25.0 37.4#



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: 6.408 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

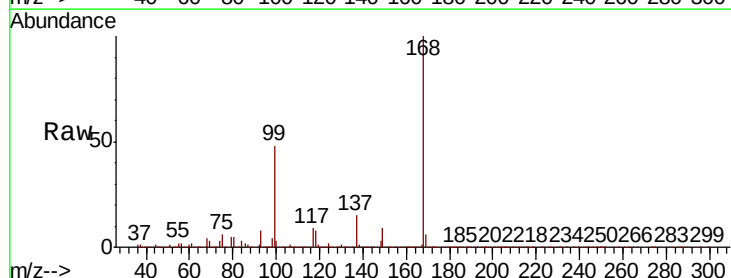
Tgt Ion: 117 Resp: 62456

Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

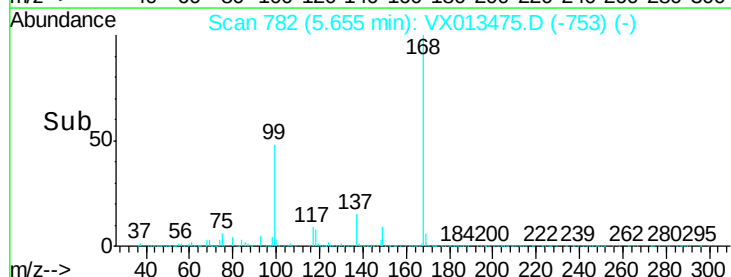
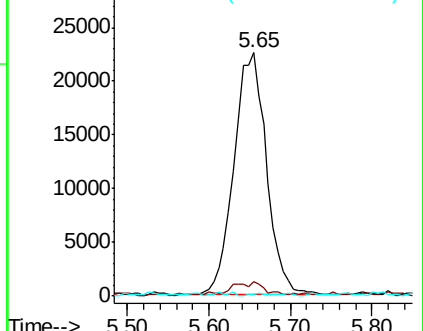
121 0.4 24.6 37.0#

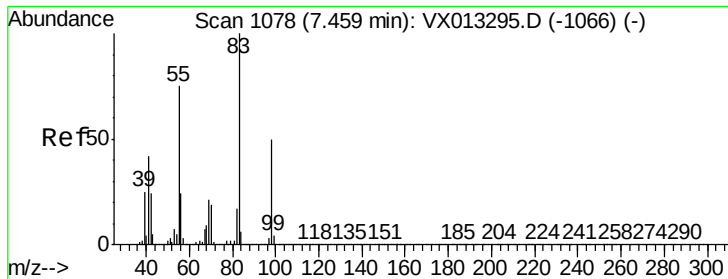


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

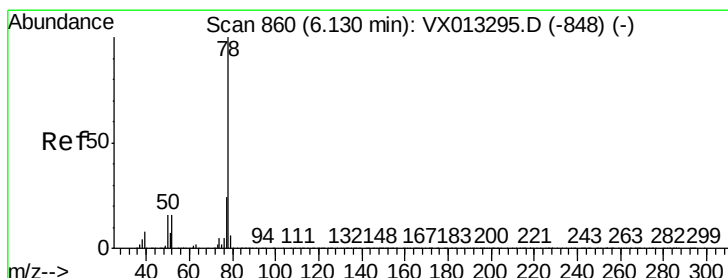
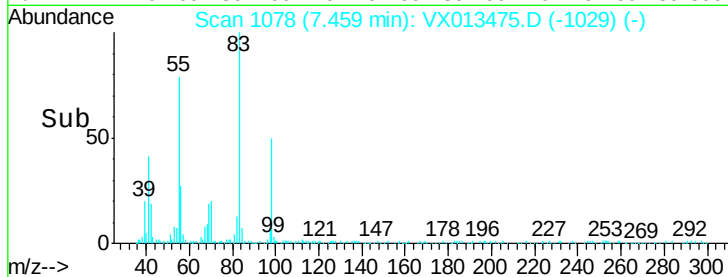
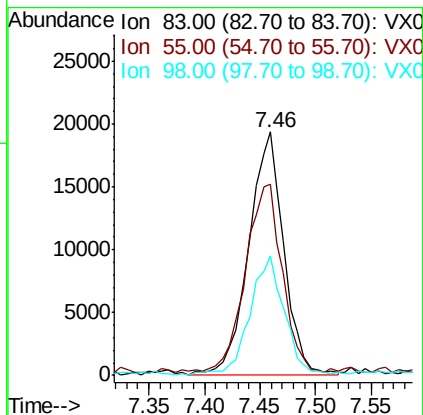
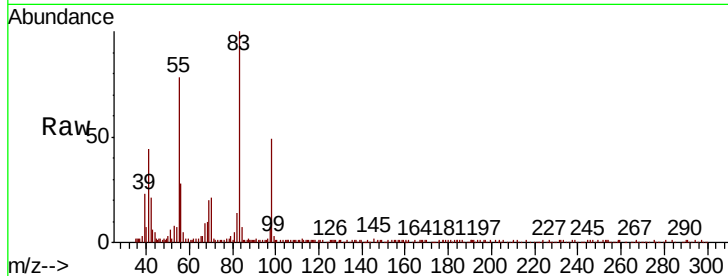




#39
Methylvlcyclohexane
Concen: 3.424 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013475.D
Acq: 20 Nov 2019 14:25

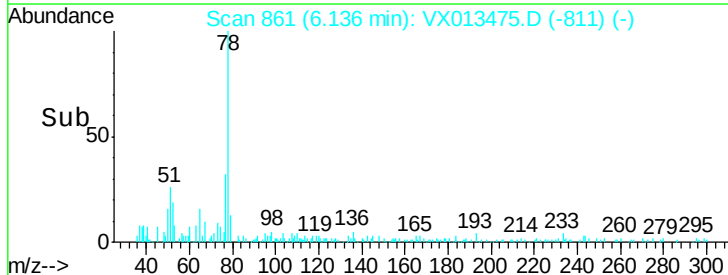
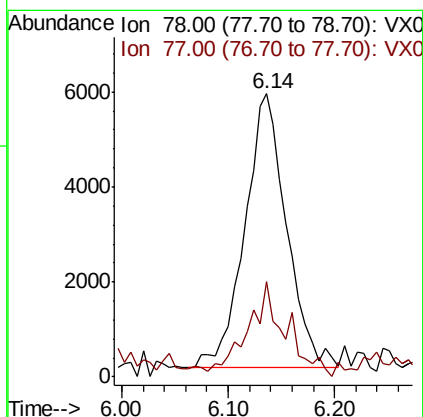
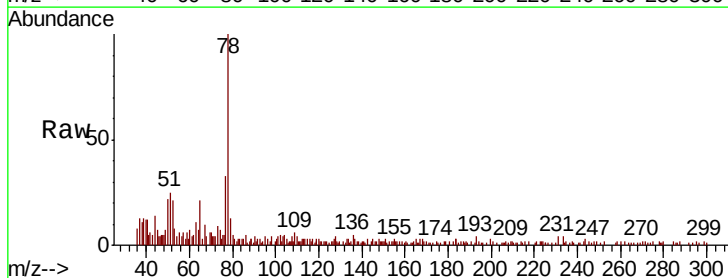
Instrument :
MSVOA_X
ClientSampled :
MW-2

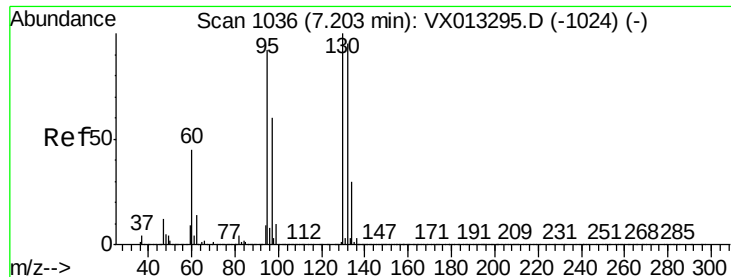
Tot Ion	83	Resp	42523
Ion Ratio	Lower	Upper	
83	100		
55	77.8	60.3	90.5
98	48.8	40.3	60.5



#40
Benzene
Concen: 0.512 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013475.D
Acq: 20 Nov 2019 14:25

Tgt Ion	78	Resp	15893
Ion Ratio	Lower	Upper	
78	100		
77	31.8	19.5	29.3#





#44

Trichloroethene

Concen: 0.596 ug/l

RT: 7.22 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

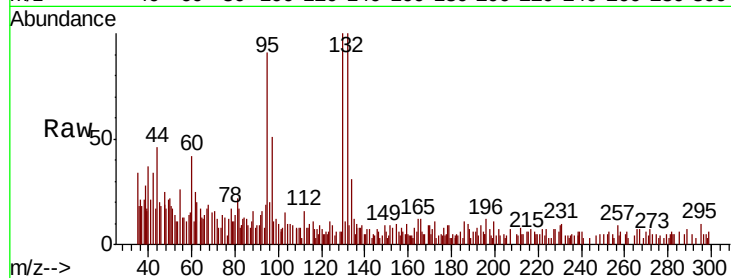
MW-2

Tot Ion:130 Resp: 5093

Ion Ratio Lower Upper

130 100

95 87.8 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

2500

2000

1500

1000

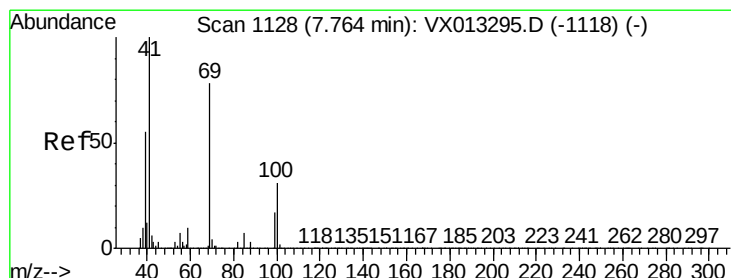
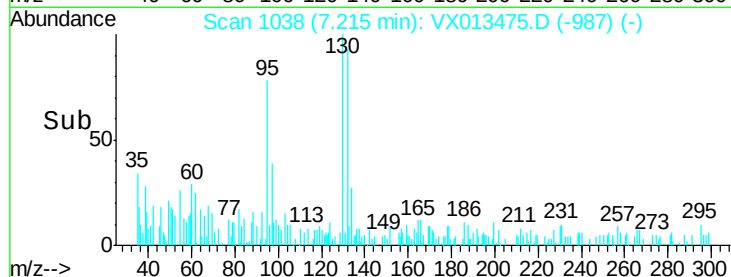
500

0

7.10 7.20 7.30

7.22

Time-->



#48

Methyl methacrylate

Concen: 0.222 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

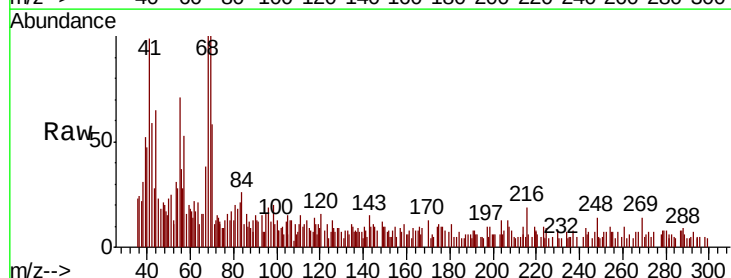
Tgt Ion: 41 Resp: 2124

Ion Ratio Lower Upper

41 100

69 205.5 63.0 94.6#

39 59.2 45.9 68.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

2500

2000

1500

1000

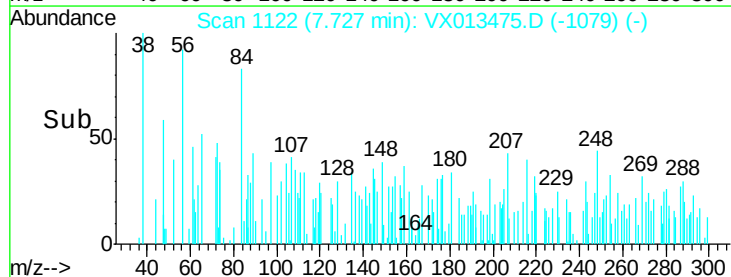
500

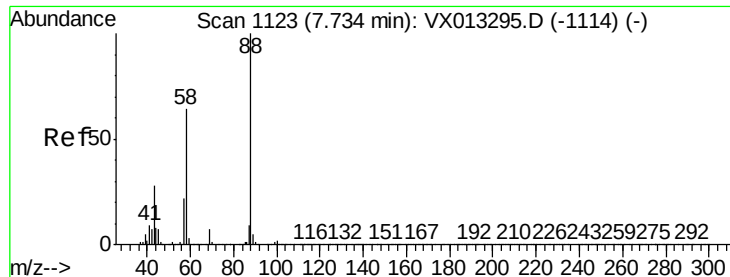
0

7.65 7.70 7.75 7.80

7.73

Time-->





#49

1,4-Dioxane

Concen: 1.250 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

MW-2

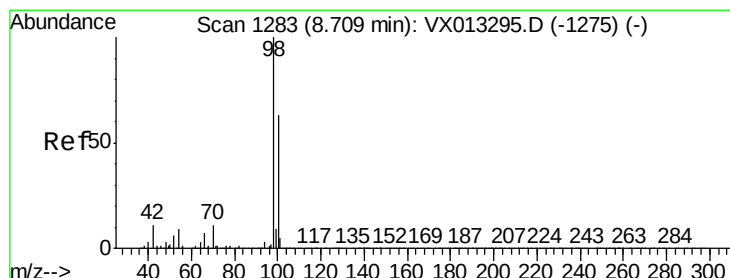
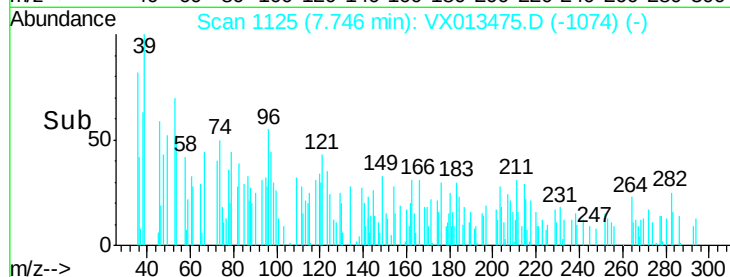
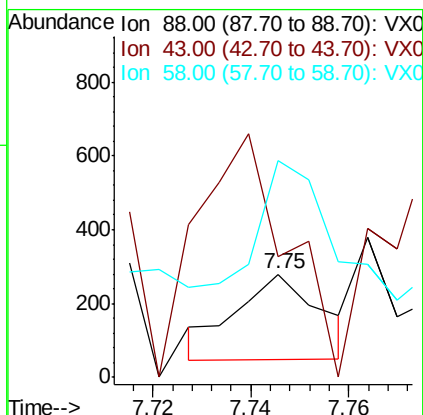
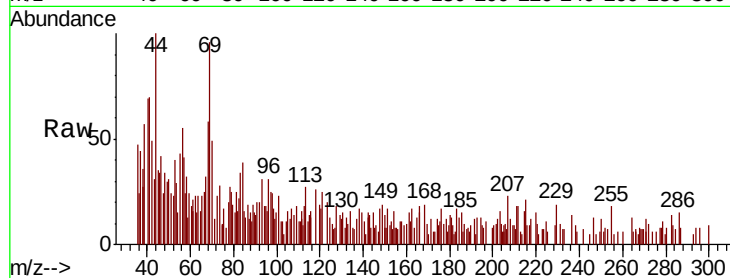
Tot Ion: 88 Resp: 274

Ion Ratio Lower Upper

88 100

43 306.9 26.6 39.8#

58 139.4 55.0 82.6#



#50

Toluene-d8

Concen: 50.930 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013475.D

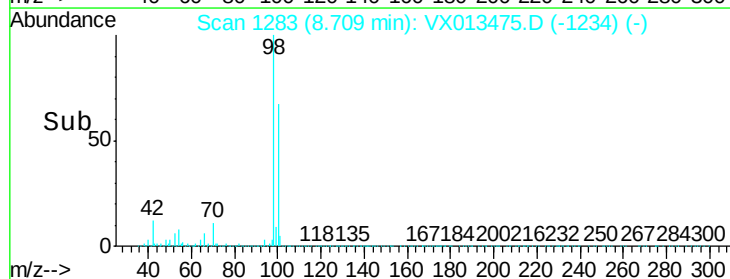
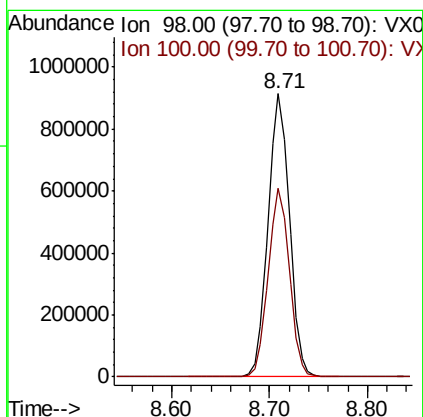
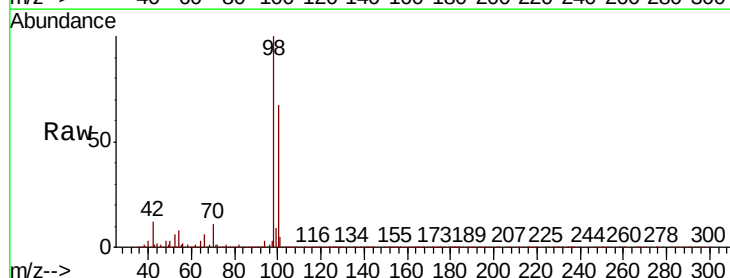
Acq: 20 Nov 2019 14:25

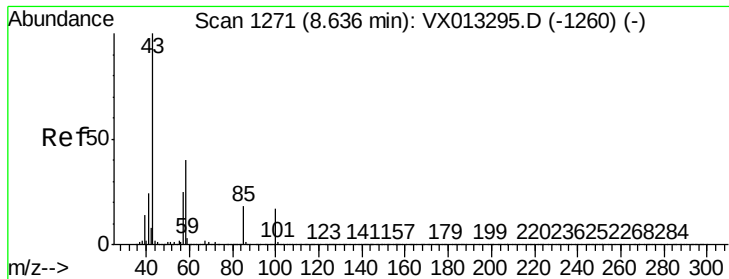
Tgt Ion: 98 Resp: 1399217

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2

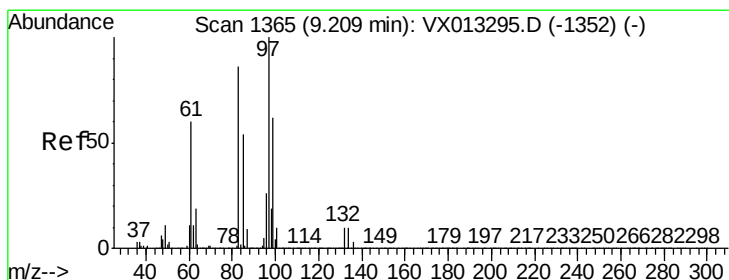
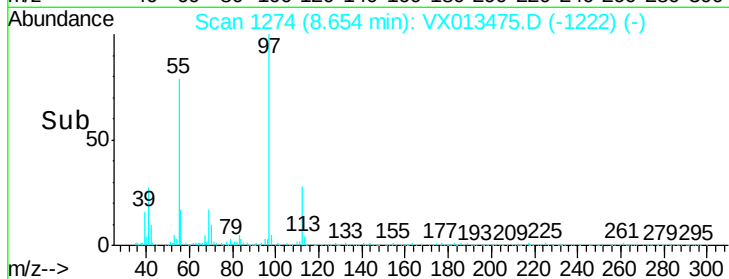
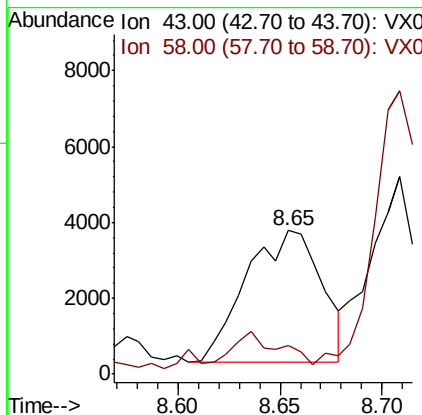
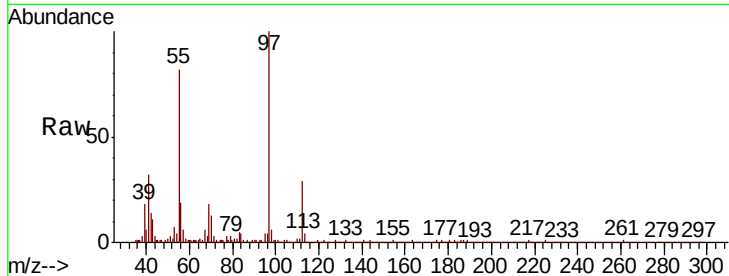




#51
 4-Methyl-2-Pentanone
 Concen: 0.714 ug/l
 RT: 8.65 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: VX013475.D
 Acq: 20 Nov 2019 14:25

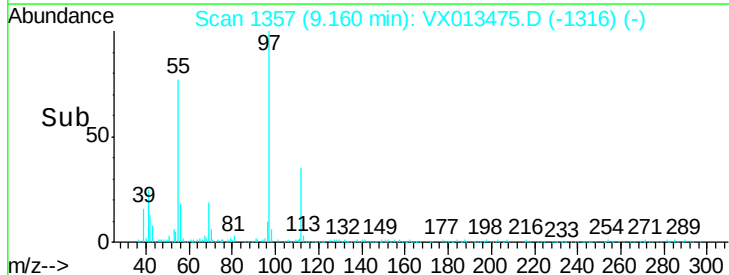
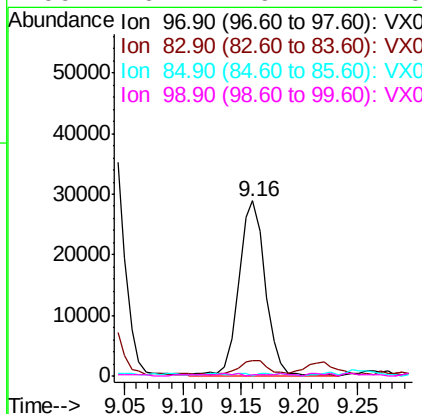
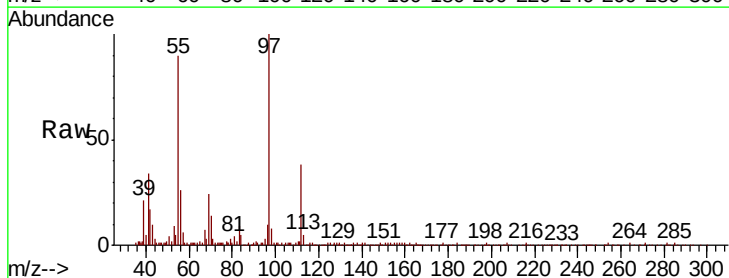
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

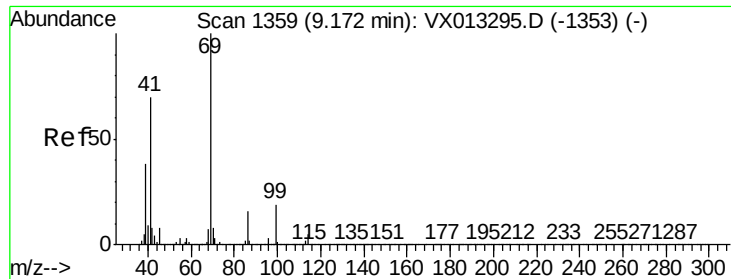
Tot Ion: 43 Resp: 8989
 Ion Ratio Lower Upper
 43 100
 58 16.6 31.4 47.0#



#55
 1,1,2-Trichloroethane
 Concen: 5.696 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX013475.D
 Acq: 20 Nov 2019 14:25

Tgt Ion: 97 Resp: 45433
 Ion Ratio Lower Upper
 97 100
 83 7.9 68.6 103.0#
 85 0.0 43.1 64.7#
 99 0.4 49.4 74.0#





#56

Ethyl methacrylate

Concen: 2.338 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

MW-2

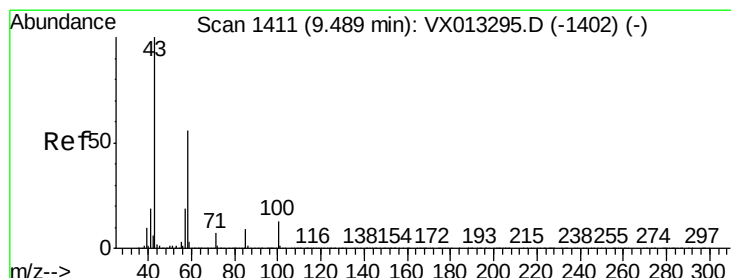
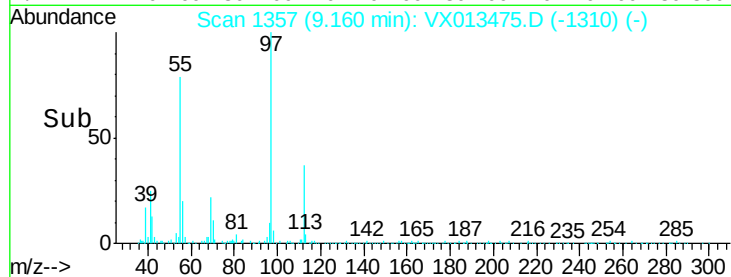
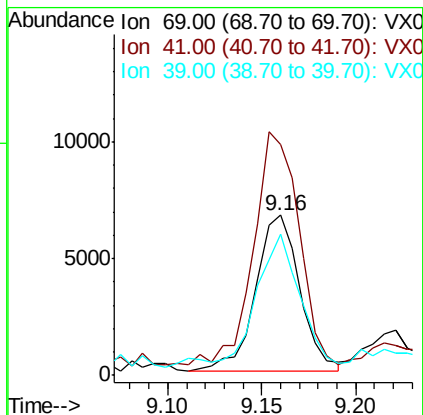
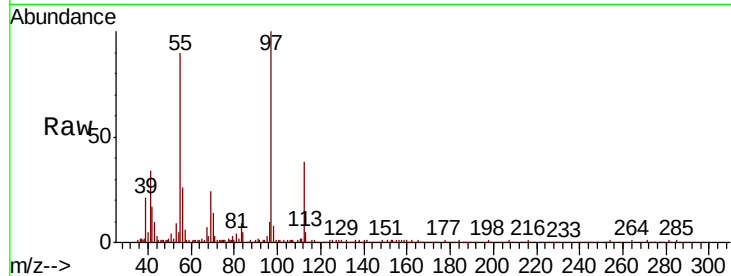
Tot Ion: 69 Resp: 10899

Ion Ratio Lower Upper

69 100

41 151.3 56.2 84.2#

39 76.9 31.1 46.7#



#59

2-Hexanone

Concen: 0.514 ug/l

RT: 9.30 min Scan# 1380

Delta R.T. -0.19 min

Lab File: VX013475.D

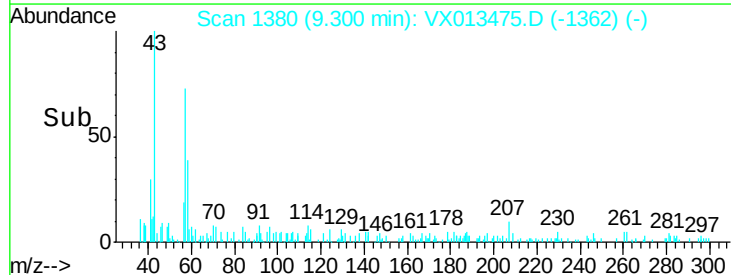
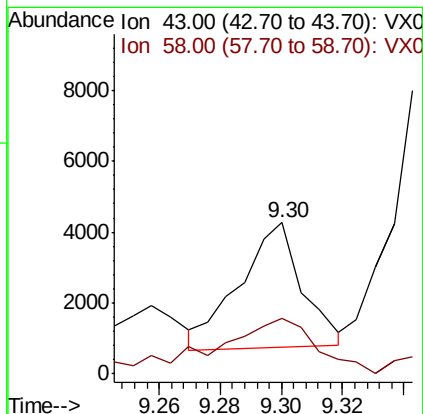
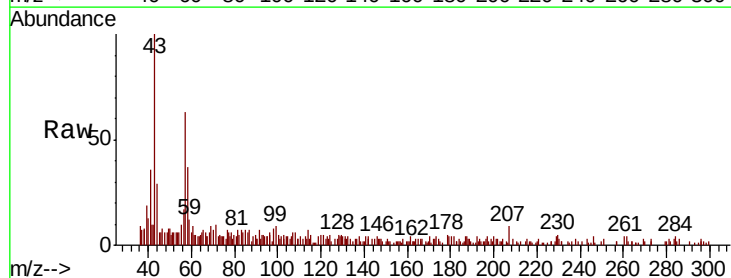
Acq: 20 Nov 2019 14:25

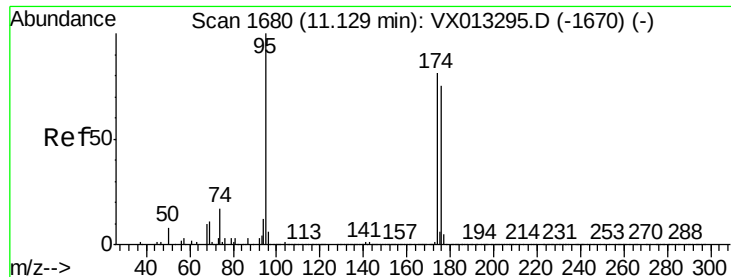
Tgt Ion: 43 Resp: 4997

Ion Ratio Lower Upper

43 100

58 71.2 27.3 81.8





#62

4-Bromofluorobenzene

Concen: 51.316 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

MW-2

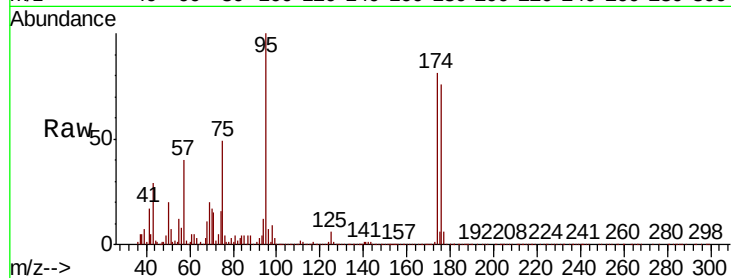
Tot Ion: 95 Resp: 508818

Ion Ratio Lower Upper

95 100

174 85.1 0.0 179.8

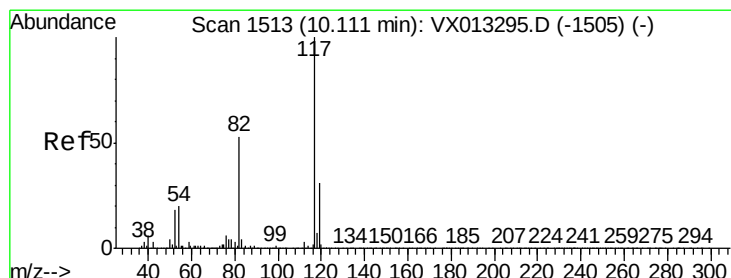
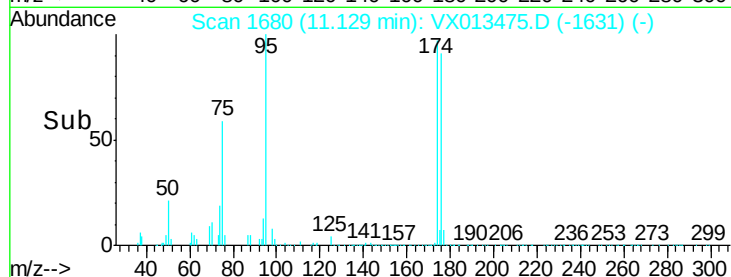
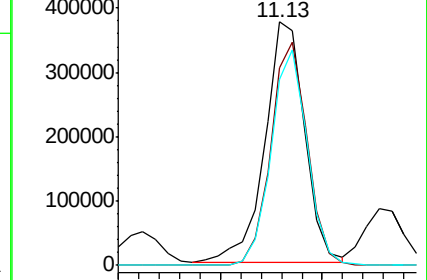
176 81.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX013475.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX013475.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX013475.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

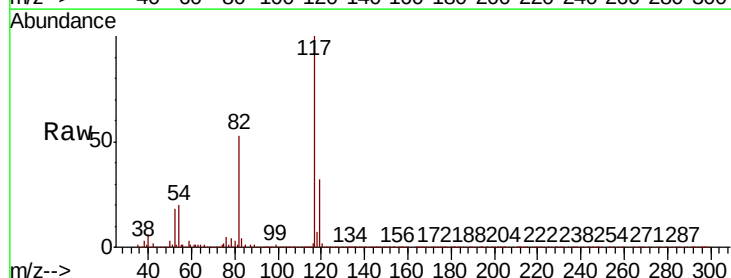
Tgt Ion: 117 Resp: 1056694

Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

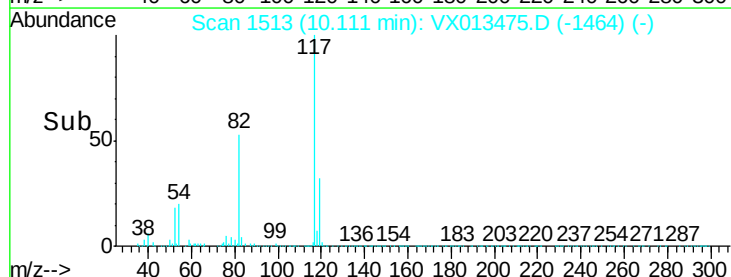
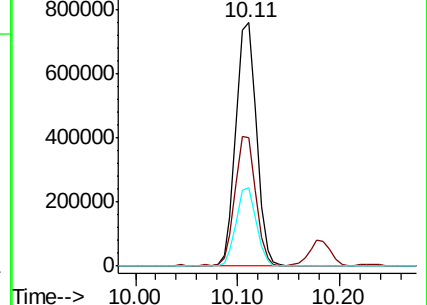
119 32.3 24.8 37.2

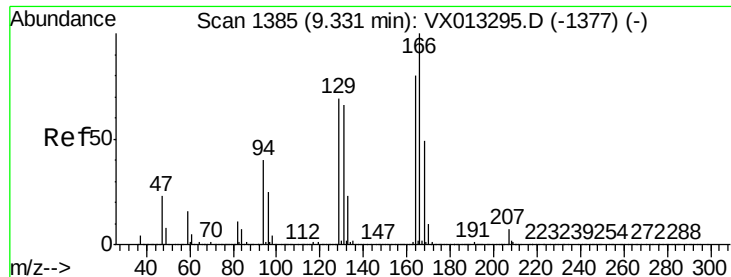


Abundance Ion 116.90 (116.60 to 117.60): VX013475.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013475.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013475.D (-1464) (-)





#64

Tetrachloroethene

Concen: 1.628 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion:164 Resp: 12312

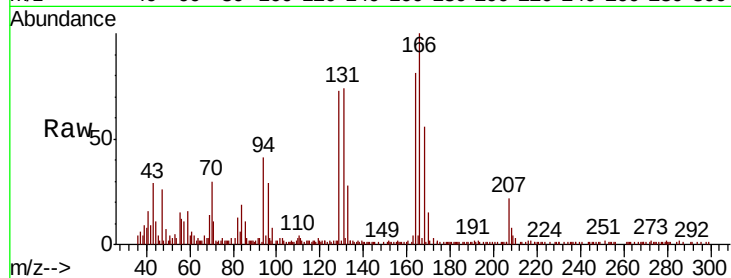
Ion Ratio Lower Upper

164 100

166 121.3 100.4 150.6

129 87.8 69.4 104.2

131 91.3 66.6 100.0



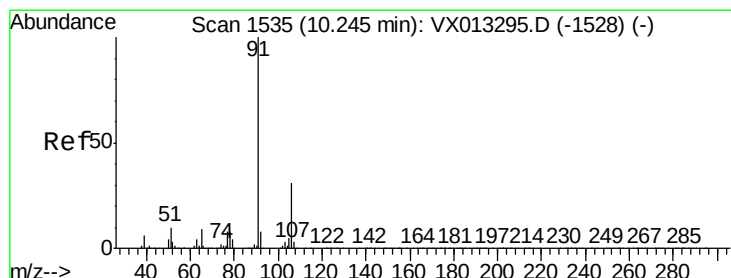
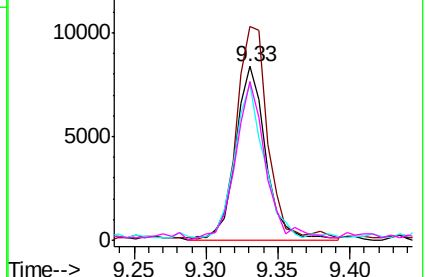
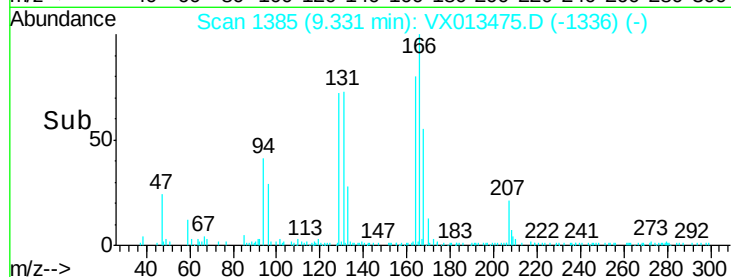
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#67

Ethyl Benzene

Concen: 107.631 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013475.D

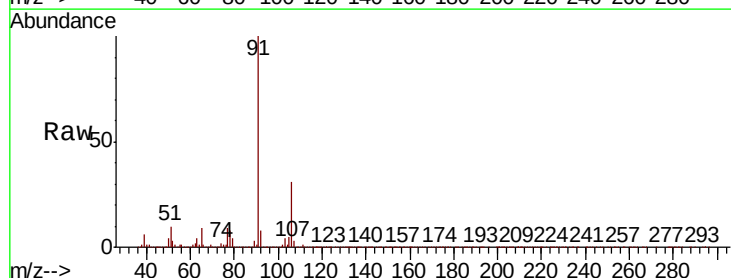
Acq: 20 Nov 2019 14:25

Tgt Ion: 91 Resp: 3973983

Ion Ratio Lower Upper

91 100

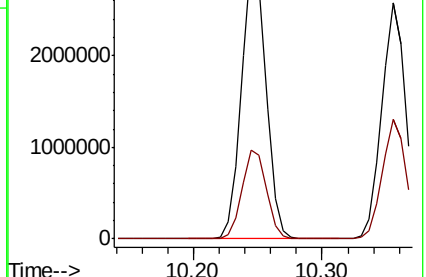
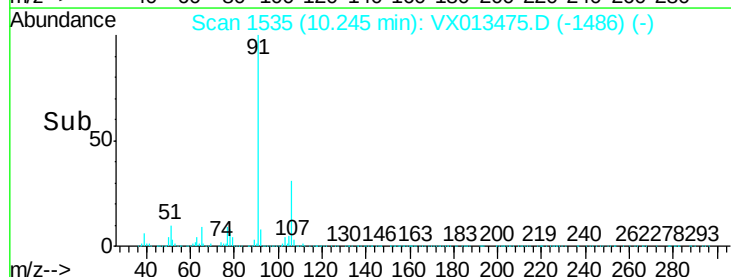
106 31.3 24.6 36.8

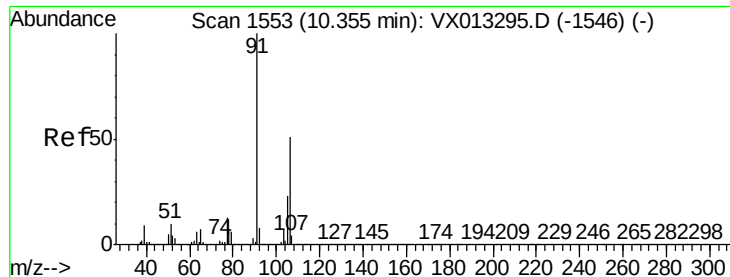


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

Time-->





#68

m/p-Xylenes

Concen: 119.729 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

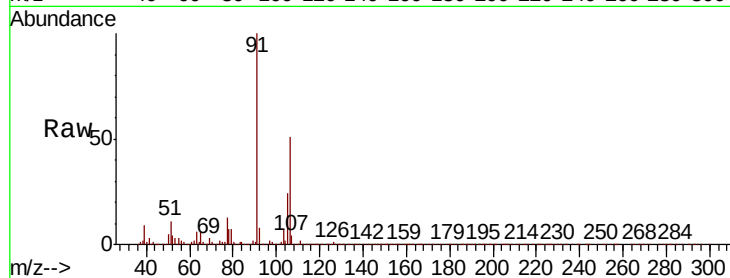
MW-2

Tot Ion:106 Resp: 1671869

Ion Ratio Lower Upper

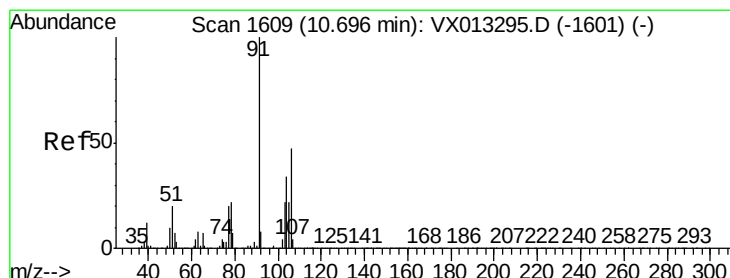
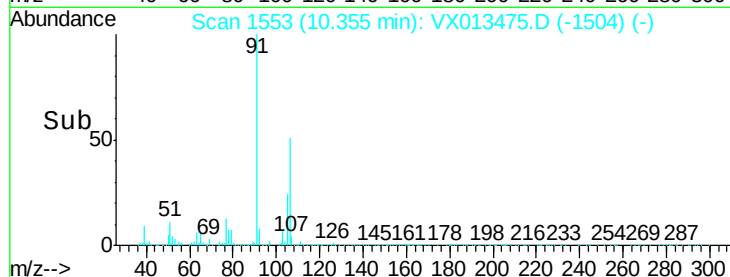
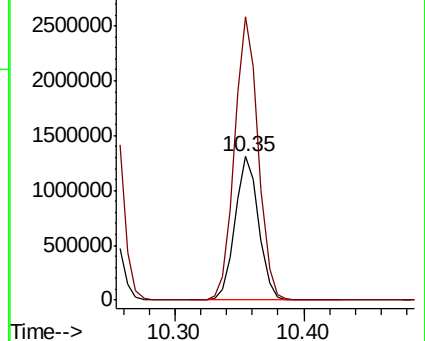
106 100

91 198.3 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.409 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013475.D

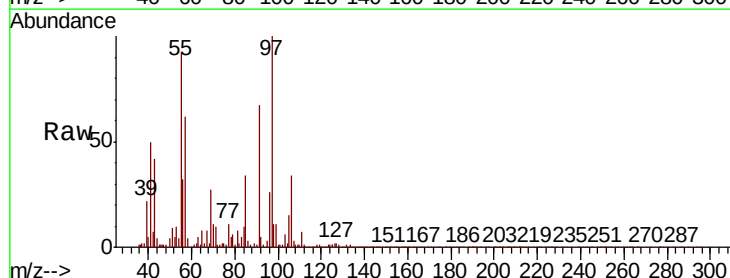
Acq: 20 Nov 2019 14:25

Tgt Ion:106 Resp: 19257

Ion Ratio Lower Upper

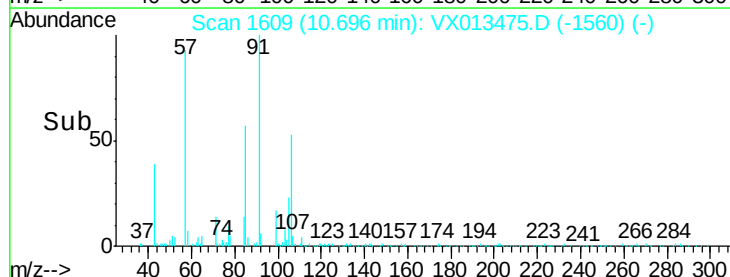
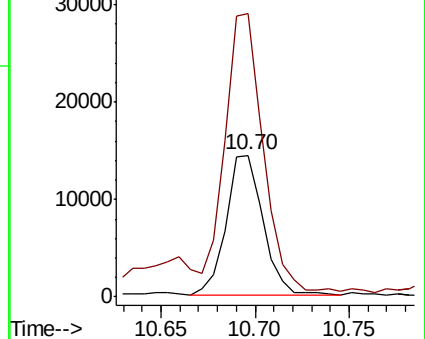
106 100

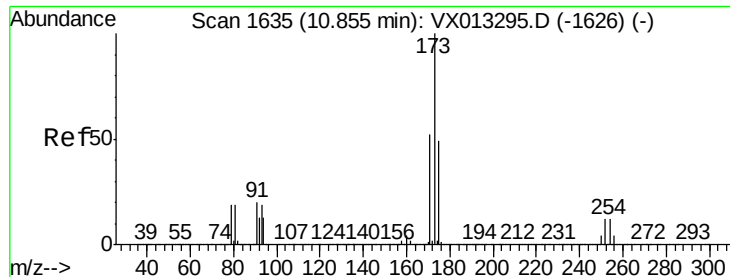
91 206.2 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#71

Bromoform

Concen: 3.254 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

MW-2

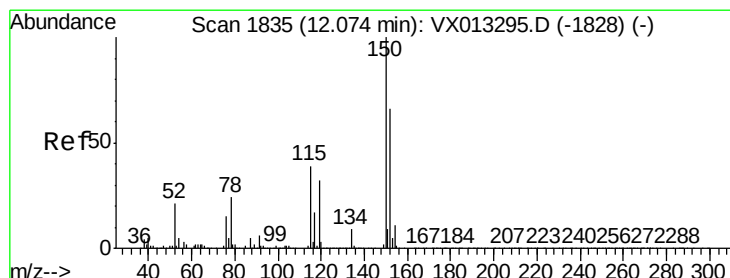
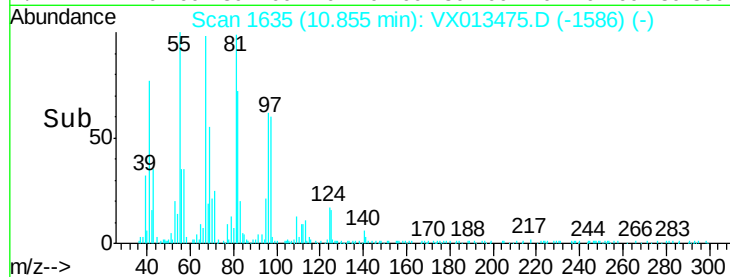
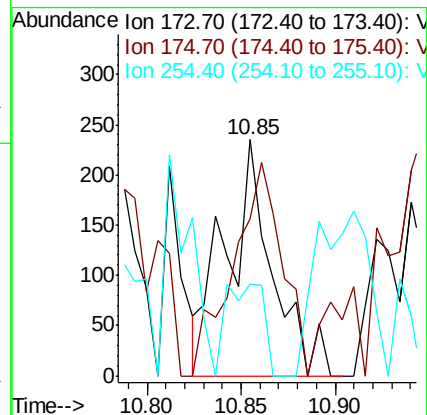
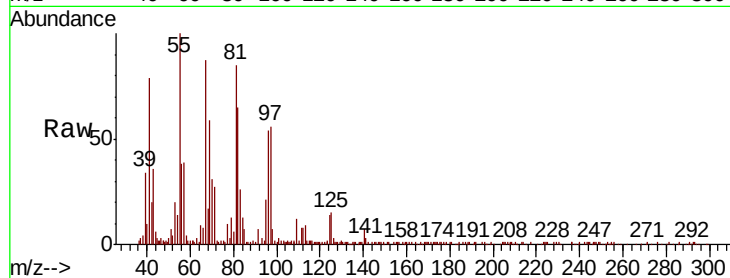
Tot Ion:173 Resp: 399

Ion Ratio Lower Upper

173 100

175 0.0 24.8 74.4#

254 31.8 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

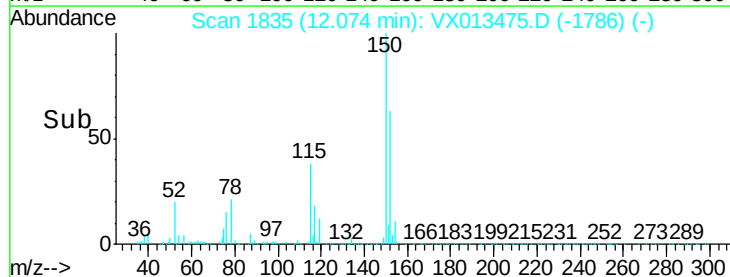
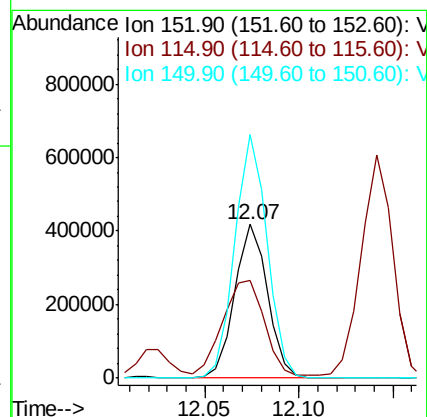
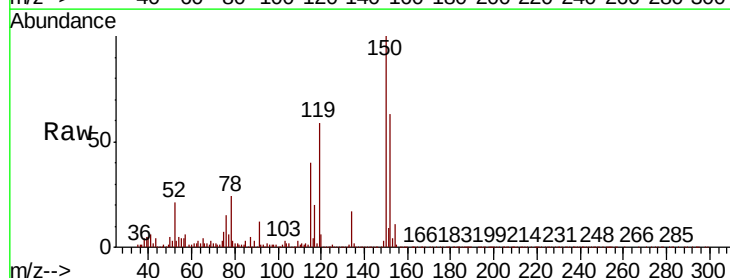
Tgt Ion:152 Resp: 504710

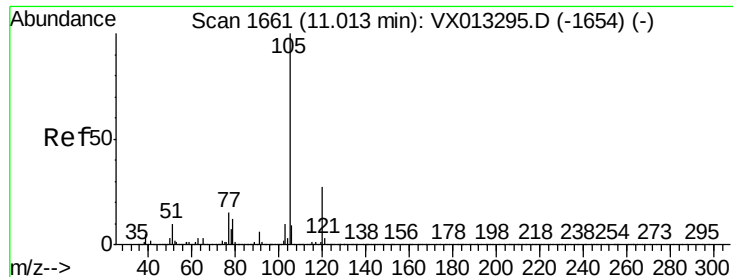
Ion Ratio Lower Upper

152 100

115 81.0 39.5 118.3

150 156.4 0.0 344.4





#73

Isopropylbenzene

Concen: 203.320 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

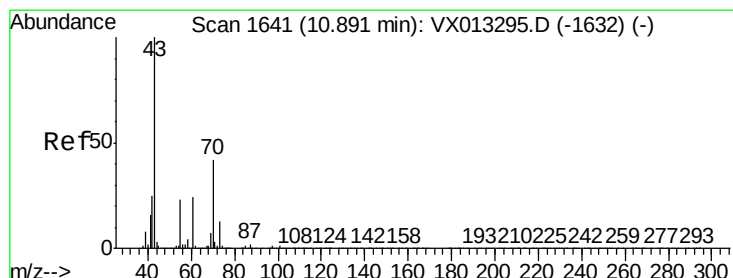
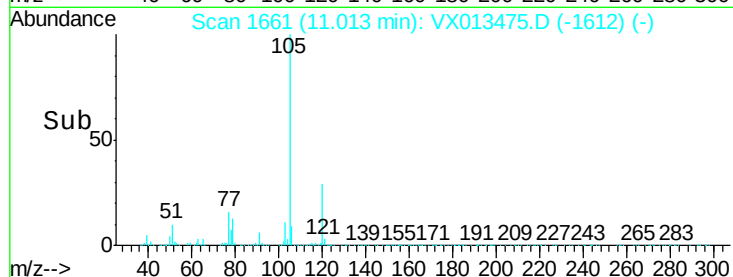
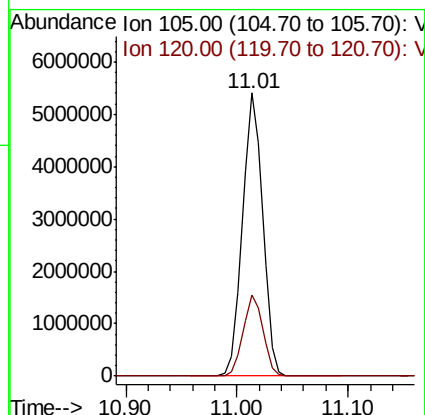
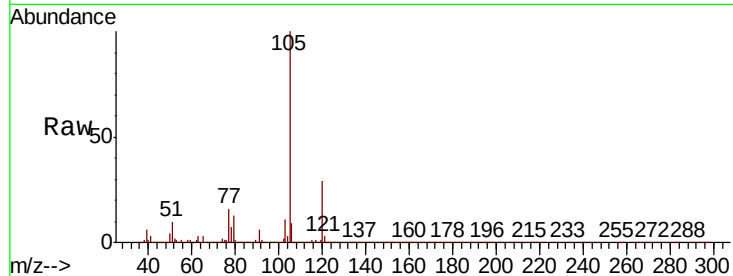
Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion:105 Resp: 6803703

Ion	Ratio	Lower	Upper
105	100		
120	28.2	13.5	40.5



#74

N-ethyl acetate

Concen: 10.620 ug/l

RT: 10.90 min Scan# 1643

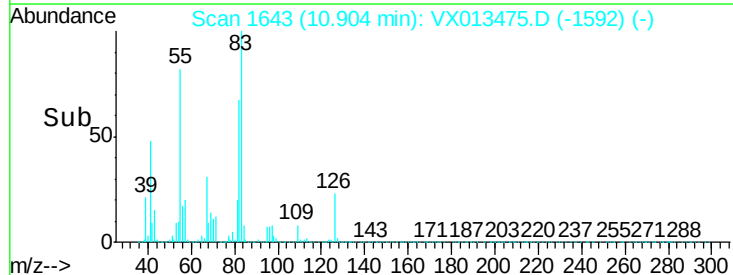
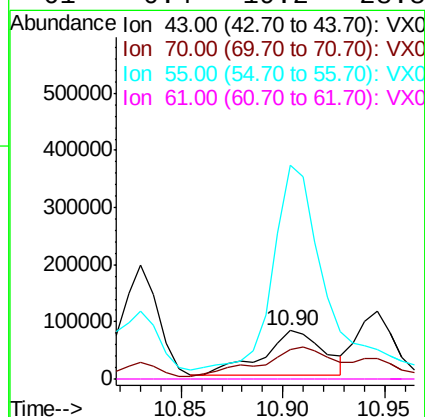
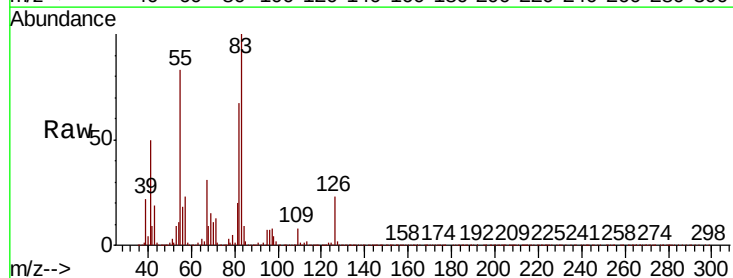
Delta R.T. 0.01 min

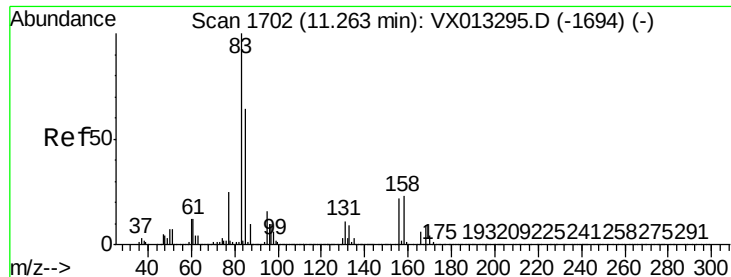
Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Tgt Ion: 43 Resp: 164789

Ion	Ratio	Lower	Upper
43	100		
70	70.6	34.1	51.1#
55	381.4	18.9	28.3#
61	0.4	19.2	28.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 8.446 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

MW-2

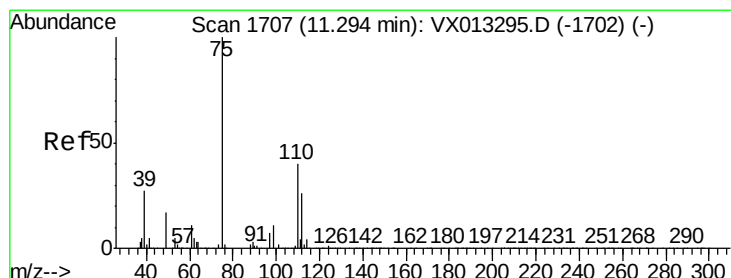
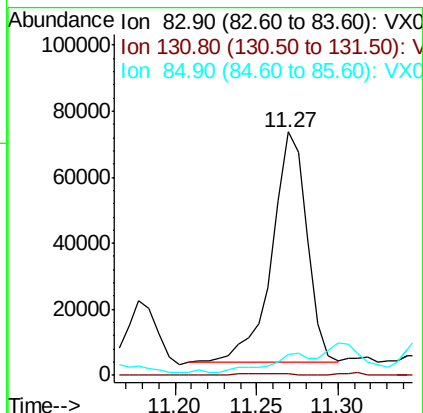
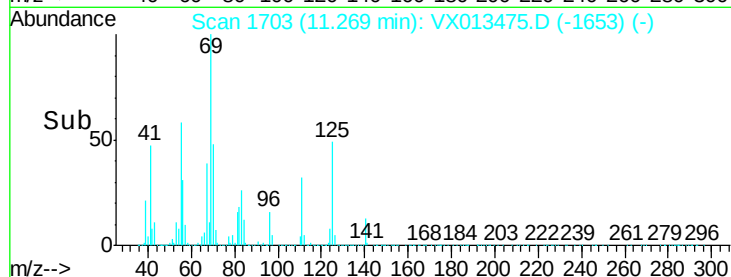
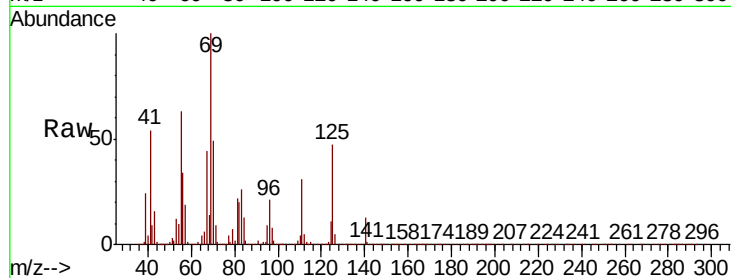
Tot Ion: 83 Resp: 103102

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 8.4 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 8.085 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013475.D

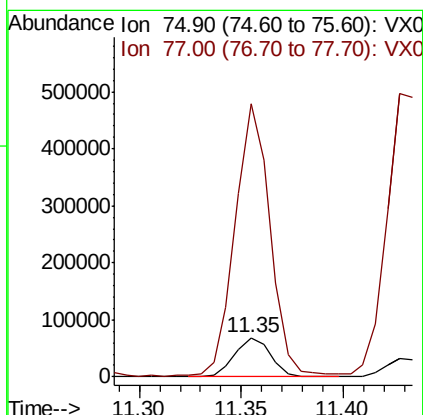
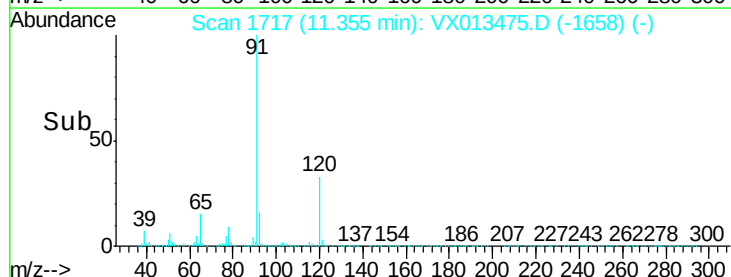
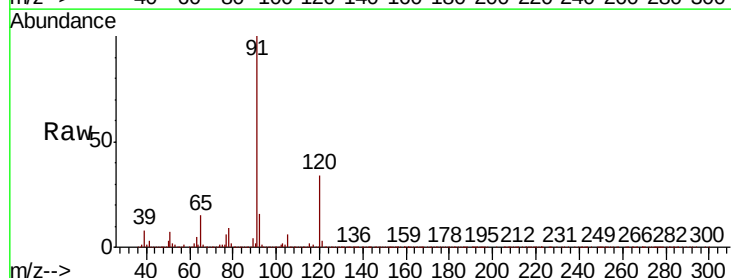
Acq: 20 Nov 2019 14:25

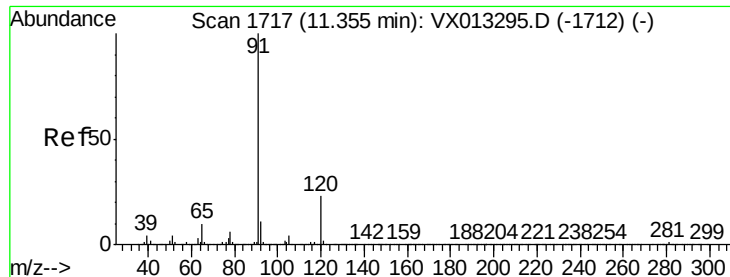
Tgt Ion: 75 Resp: 82880

Ion Ratio Lower Upper

75 100

77 682.3 22.3 66.8#





#78

n-propylbenzene

Concen: 324.697 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

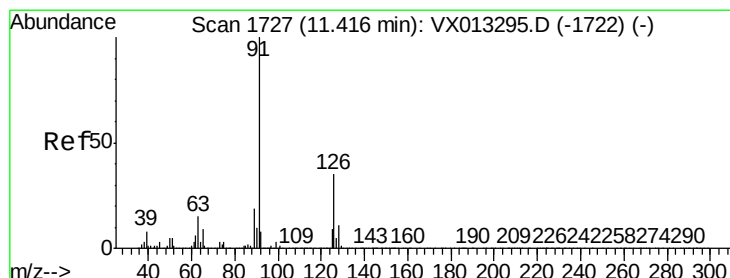
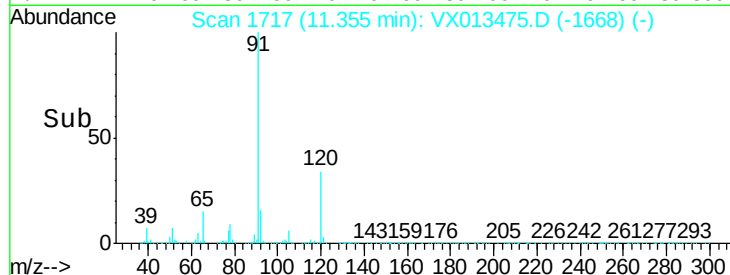
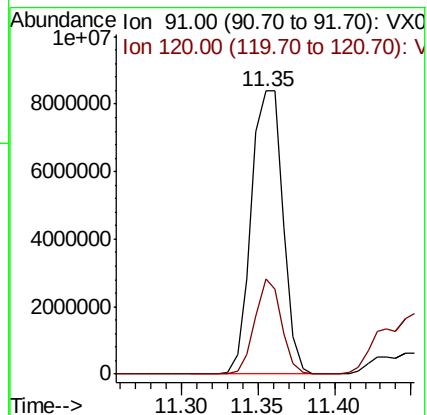
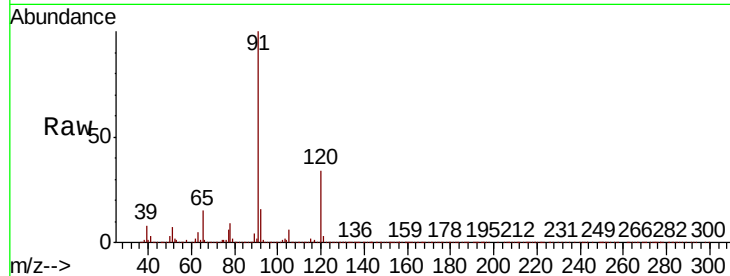
MW-2

Tot Ion: 91 Resp:12103351

Ion Ratio Lower Upper

91 100

120 28.3 11.6 34.8



#79

2-Chlorotoluene

Concen: 59.962 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. 0.04 min

Lab File: VX013475.D

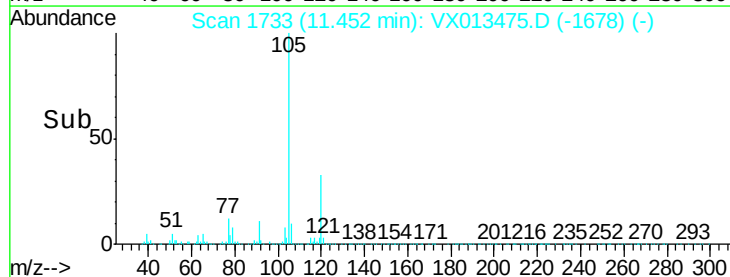
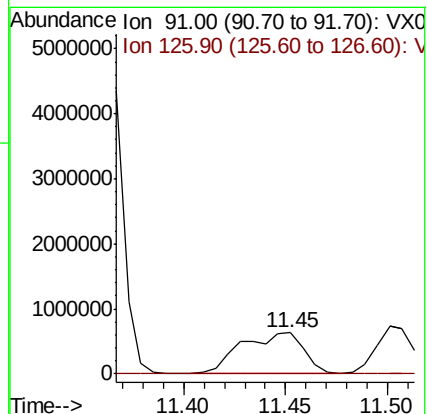
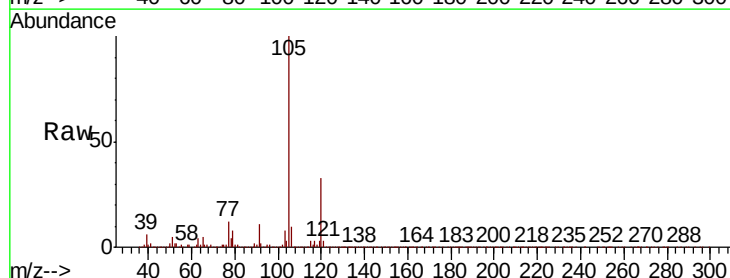
Acq: 20 Nov 2019 14:25

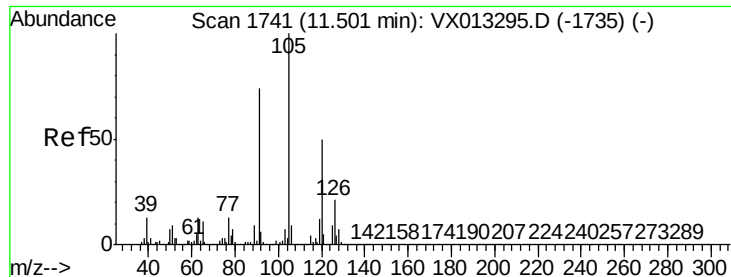
Tgt Ion: 91 Resp: 1346664

Ion Ratio Lower Upper

91 100

126 0.2 17.3 52.0#





#80

1,3,5-Trimethylbenzene

Concen: 305.808 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

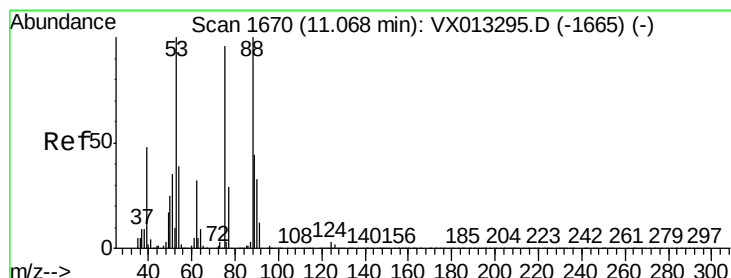
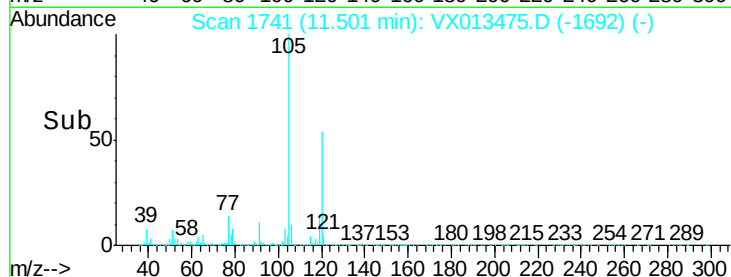
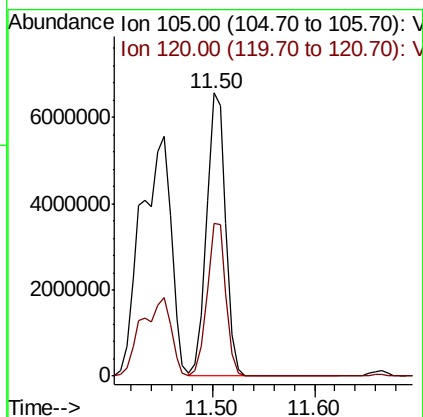
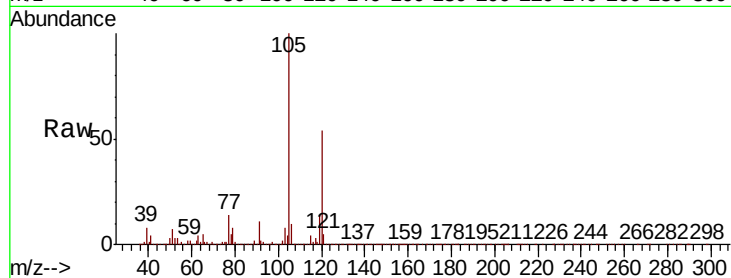
MW-2

Tot Ion:105 Resp: 8523760

Ion Ratio Lower Upper

105 100

120 53.2 24.9 74.8



#81

trans-1,4-Dichloro-2-butene

Concen: 18.824 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.05 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

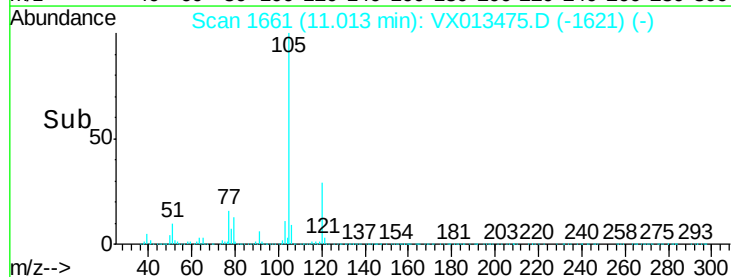
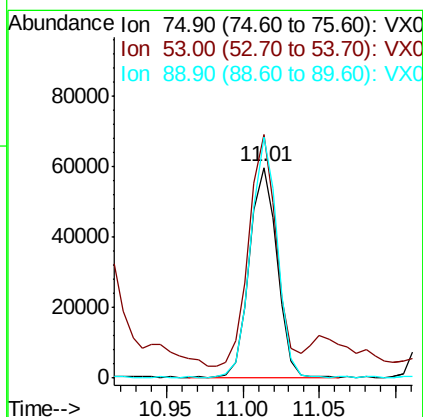
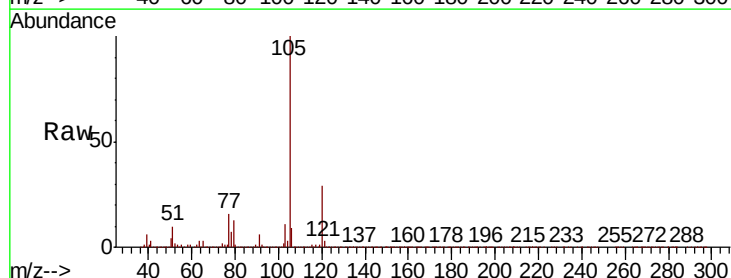
Tgt Ion: 75 Resp: 74968

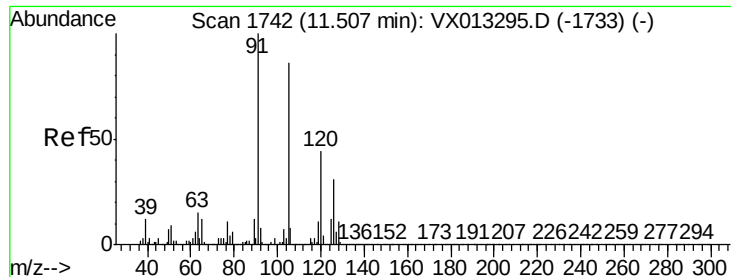
Ion Ratio Lower Upper

75 100

53 109.5 81.0 121.6

89 109.5 36.0 54.0#





#82

4-Chlorotoluene

Concen: 35.085 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

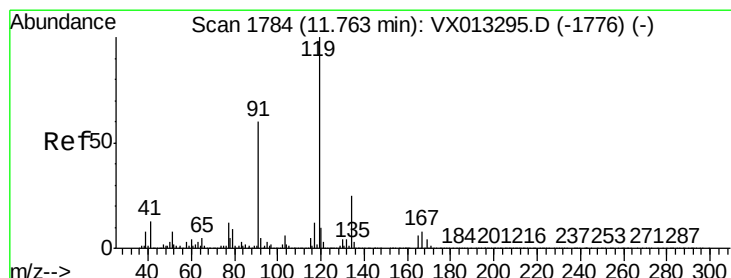
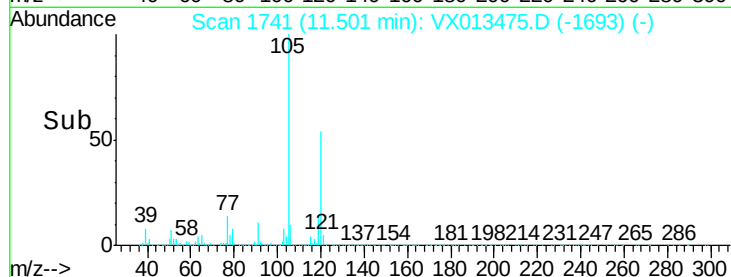
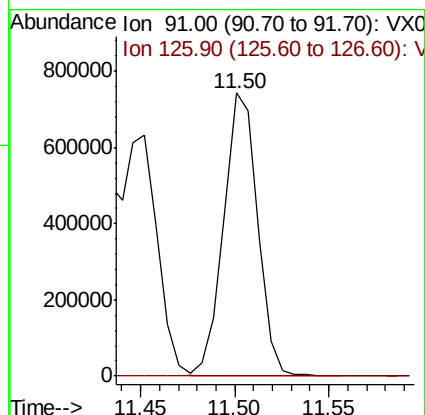
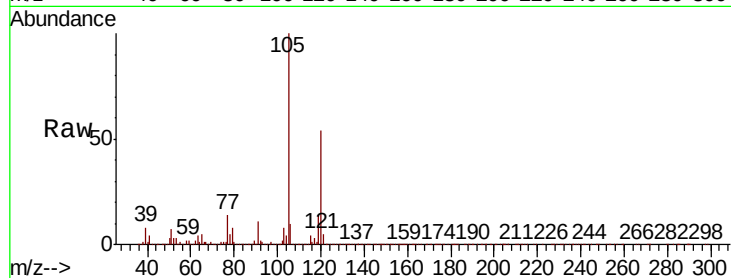
MW-2

Tot Ion: 91 Resp: 922388

Ion Ratio Lower Upper

91 100

126 0.1 15.3 45.8#



#83

tert-Butylbenzene

Concen: 23.107 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

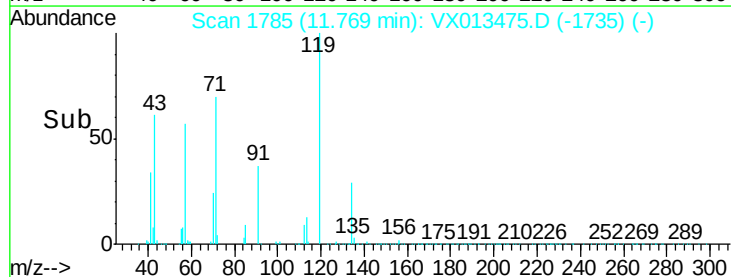
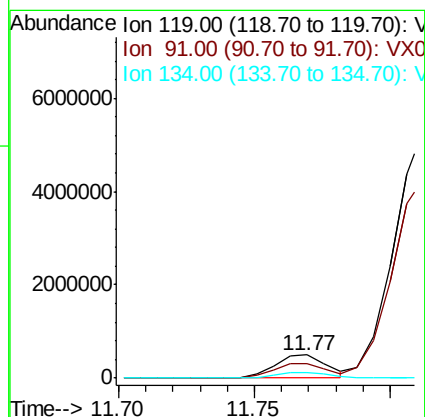
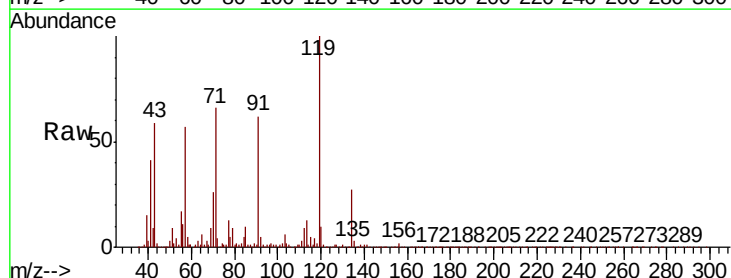
Tgt Ion: 119 Resp: 648352

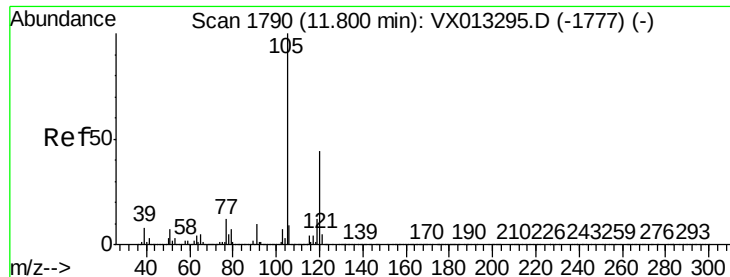
Ion Ratio Lower Upper

119 100

91 65.7 26.9 80.7

134 26.6 11.7 35.1

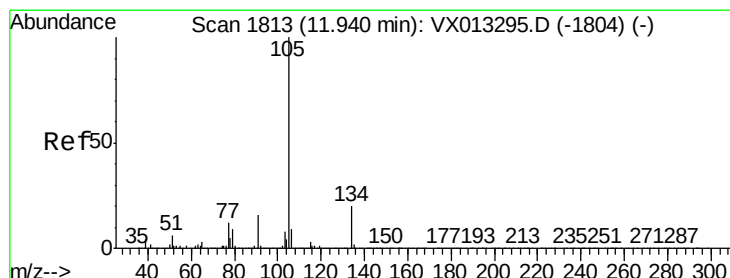
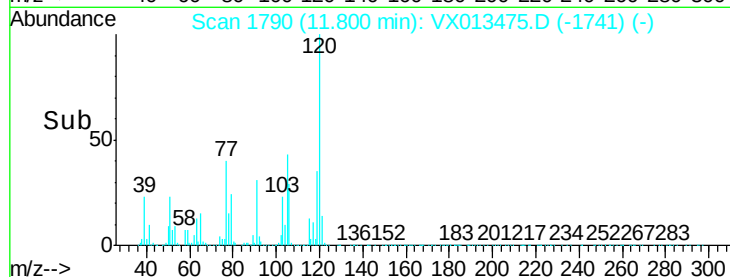
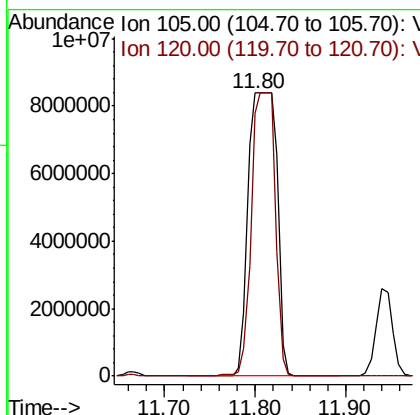
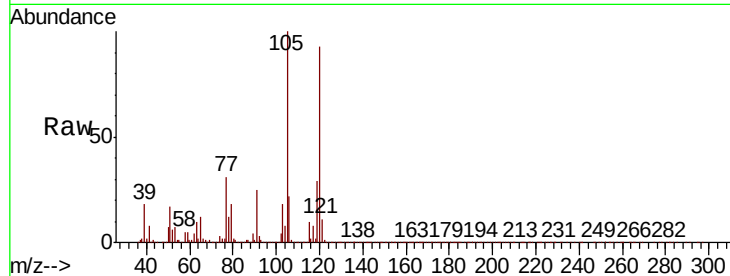




#84
 1,2,4-Trimethylbenzene
 Concen: 657.590 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013475.D
 Acq: 20 Nov 2019 14:25

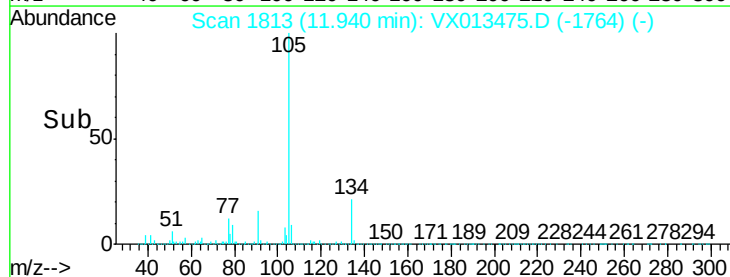
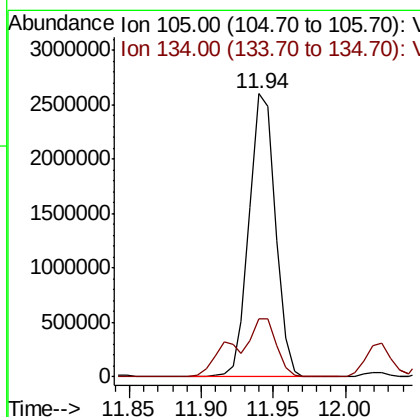
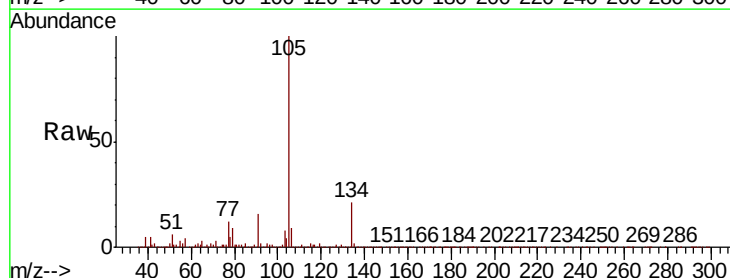
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

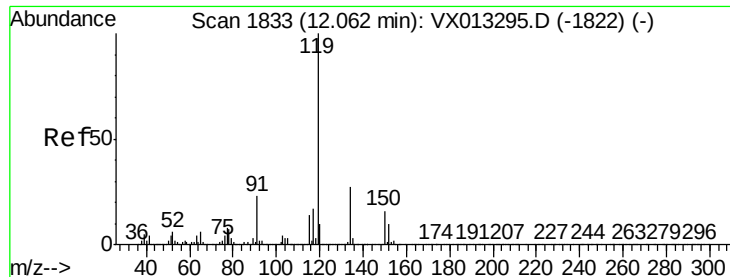
Tot Ion:105 Resp:18386612
 Ion Ratio Lower Upper
 105 100
 120 82.8 22.7 68.1#



#85
 sec-Butylbenzene
 Concen: 101.745 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013475.D
 Acq: 20 Nov 2019 14:25

Tgt Ion:105 Resp: 3280967
 Ion Ratio Lower Upper
 105 100
 134 32.4 10.3 30.9#

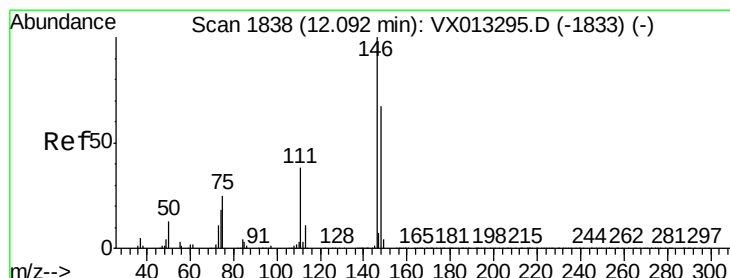
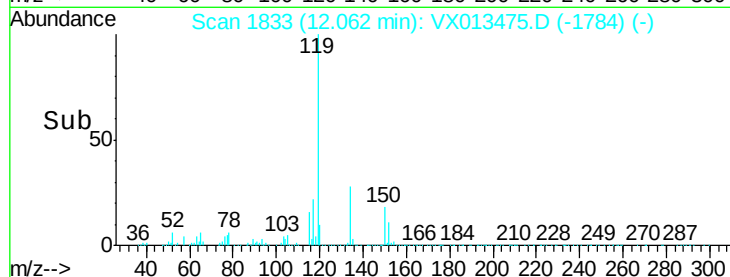
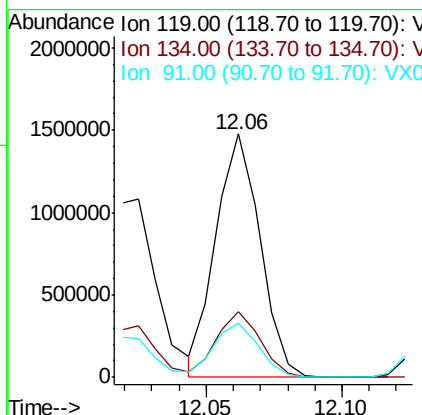
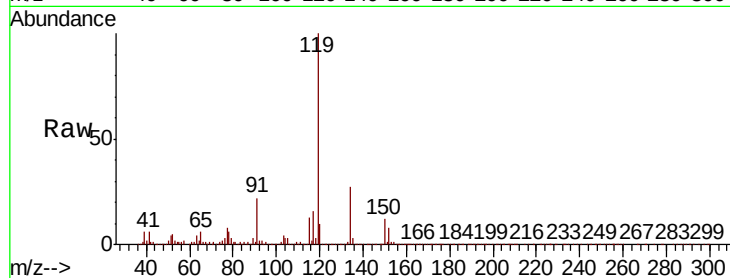




#86
p-Isopropyltoluene
Concen: 56.095 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013475.D
Acq: 20 Nov 2019 14:25

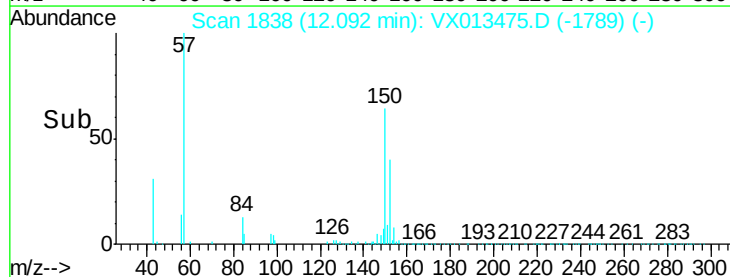
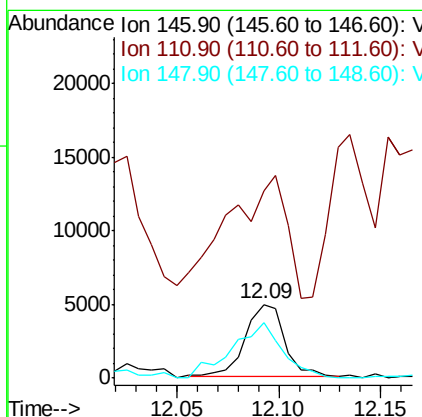
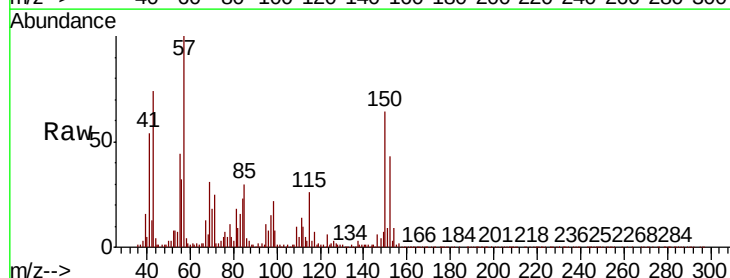
Instrument :
MSVOA_X
ClientSampleId :
MW-2

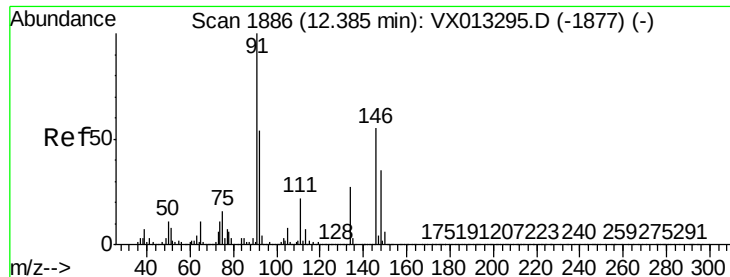
Tot Ion:119 Resp: 1665677
Ion Ratio Lower Upper
119 100
134 26.8 13.3 39.8
91 22.4 11.5 34.4



#88
1,4-Dichlorobenzene
Concen: 0.404 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX013475.D
Acq: 20 Nov 2019 14:25

Tgt Ion:146 Resp: 6552
Ion Ratio Lower Upper
146 100
111 260.6 18.8 56.4#
148 100.0 32.4 97.0#





#89

n-Butylbenzene

Concen: 87.082 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

MW-2

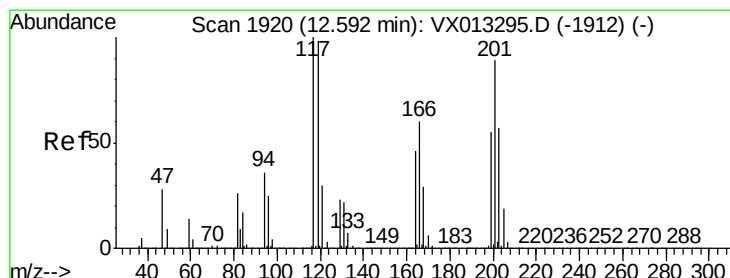
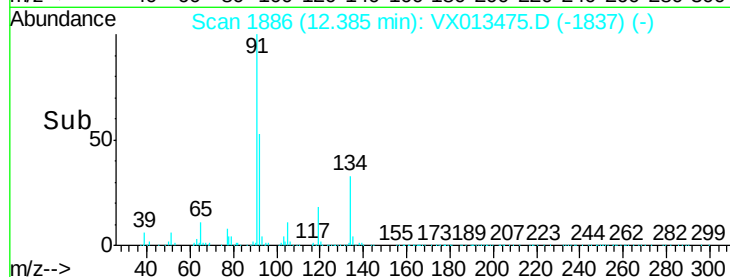
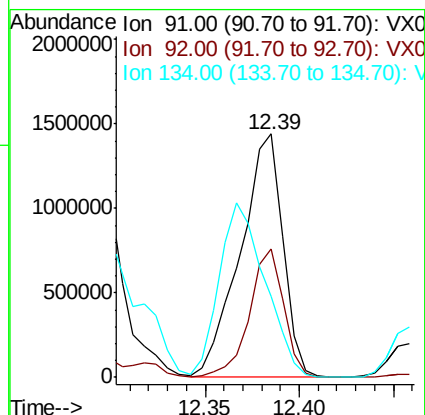
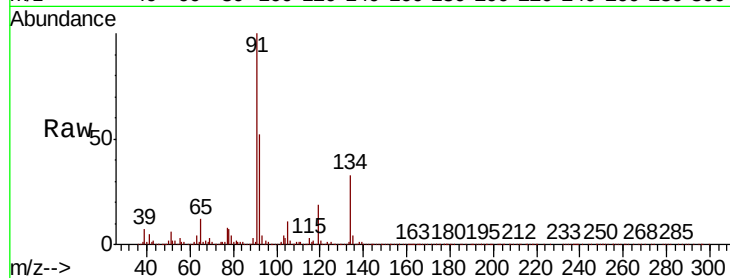
Tot Ion: 91 Resp: 2256307

Ion Ratio Lower Upper

91 100

92 42.4 27.3 81.8

134 76.9 13.5 40.5#



#90

Hexachloroethane

Concen: 40.471 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX013475.D

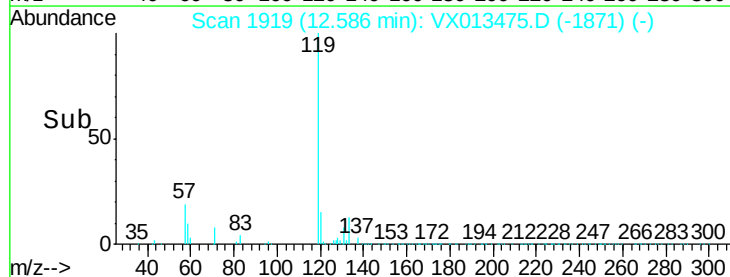
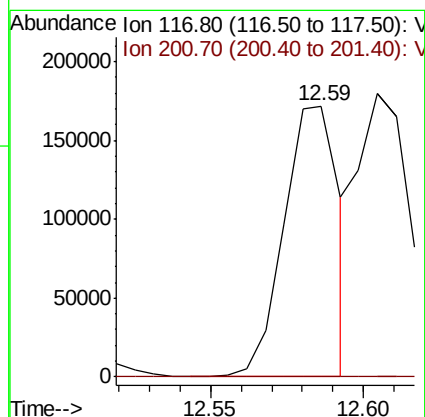
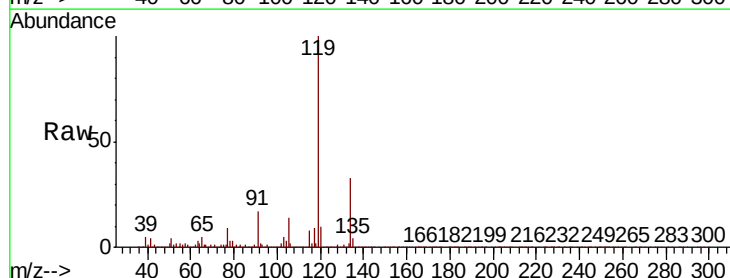
Acq: 20 Nov 2019 14:25

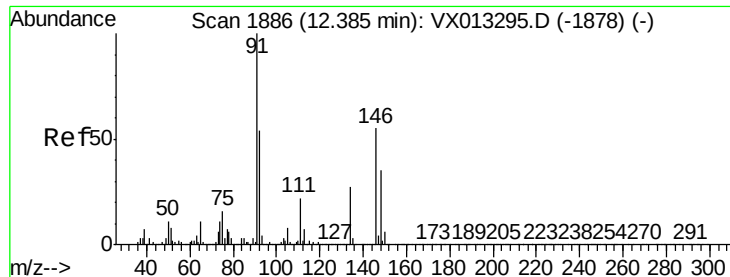
Tgt Ion: 117 Resp: 214115

Ion Ratio Lower Upper

117 100

201 0.1 43.9 131.7#





#91

1,2-Dichlorobenzene

Concen: 0.238 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

MW-2

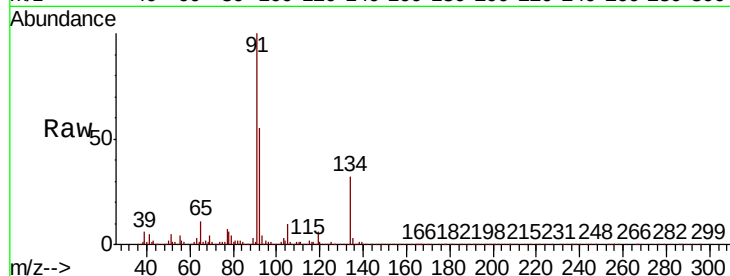
Tot Ion:146 Resp: 3789

Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.2#

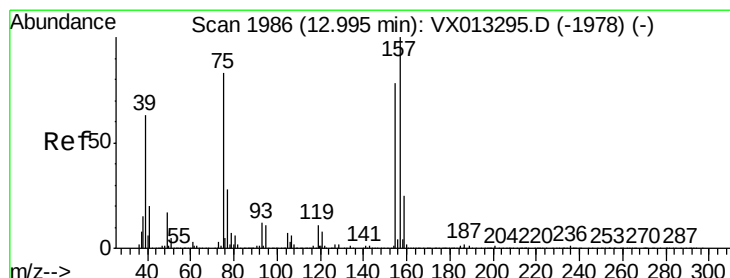
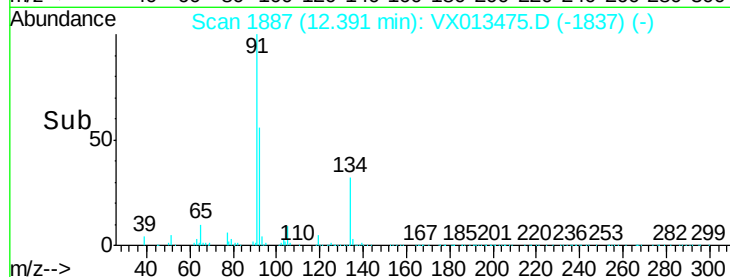
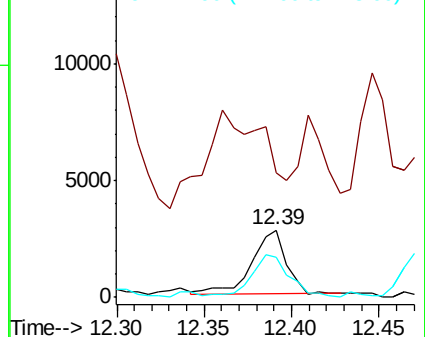
148 71.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.838 ug/l

RT: 12.97 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

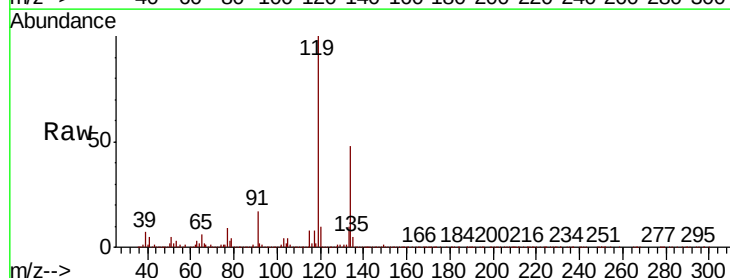
Tgt Ion: 75 Resp: 17364

Ion Ratio Lower Upper

75 100

155 0.0 47.1 141.4#

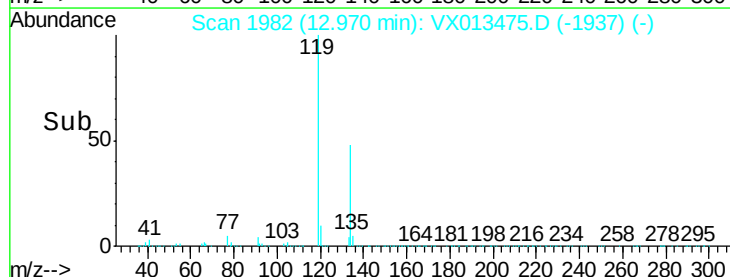
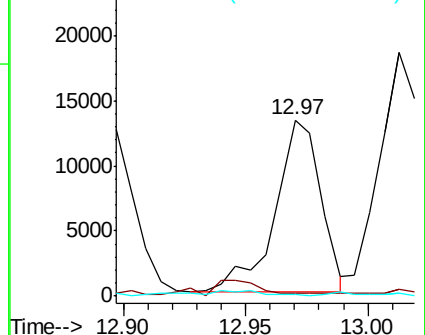
157 1.5 61.3 183.8#

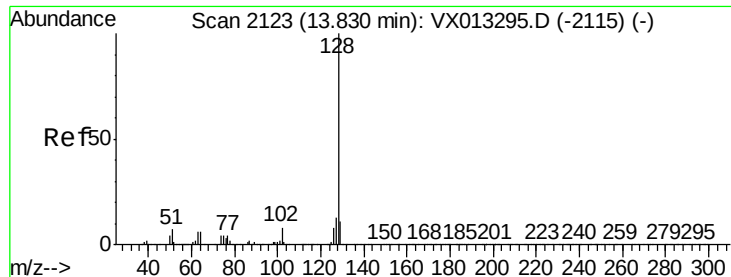


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 64.150 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013475.D

Acq: 20 Nov 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion:128 Resp: 2231594

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.2 8.5 12.7

