

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013479.D
 Acq On : 20 Nov 2019 15:58
 Operator : JC/SP
 Sample : K5958-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Quant Time: Nov 21 00:48:22 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	711190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1153052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1032460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	482927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	414642	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.49	113	348552	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.71	98	1370905	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	486322	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	2876	0.324	ug/l	95
6) Chloroethane	1.78	64	1164	Below Cal	#	86
11) Tert butyl alcohol	3.01	59	21126	9.513	ug/l	98
13) Acrolein	2.30	56	646	0.537	ug/l #	42
16) Acetone	2.43	43	3797	0.904	ug/l	89
20) Methylene Chloride	2.84	84	1848	0.238	ug/l #	85
30) Chloroform	5.20	83	12009	0.950	ug/l	91
36) 1,1-Dichloropropene	5.65	75	47013	4.753	ug/l #	49
38) Carbon Tetrachloride	5.65	117	63344	6.549	ug/l #	16
39) Methylcyclohexane	7.45	83	5705	0.463	ug/l #	85
49) 1,4-Dioxane	7.72	88	281	1.291	ug/l #	1
56) Ethyl methacrylate	9.16	69	1268	1.654	ug/l #	1
67) Ethyl Benzene	10.25	91	377776	10.472	ug/l	100
68) m/p-Xylenes	10.36	106	151013	11.068	ug/l	99
69) o-Xylene	10.70	106	2900	0.217	ug/l	74
71) Bromoform	10.88	173	400	3.255	ug/l #	28
73) Isopropylbenzene	11.01	105	754614	23.568	ug/l	99
74) N-amyl acetate	10.91	43	24937	1.680	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	18558	1.589	ug/l #	34
76) 1,2,3-Trichloropropane	11.35	75	10450	1.065	ug/l #	1
78) n-propylbenzene	11.35	91	1581462	44.340	ug/l	99
79) 2-Chlorotoluene	11.45	91	144364	6.718	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	1006877	37.753	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.01	75	8159	2.141	ug/l #	63
82) 4-Chlorotoluene	11.50	91	102703	4.083	ug/l #	45
83) tert-Butylbenzene	11.76	119	85144	3.171	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	5406931	202.099	ug/l	96
85) sec-Butylbenzene	11.94	105	437308	14.173	ug/l	97
86) p-Isopropyltoluene	12.06	119	213475	7.513	ug/l	98
89) n-Butylbenzene	12.38	91	290851	11.732	ug/l #	58
90) Hexachloroethane	12.58	117	25925	5.121	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2581	0.907	ug/l #	5
95) Naphthalene	13.83	128	188095	5.651	ug/l	99

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Response via : Initial Calibration

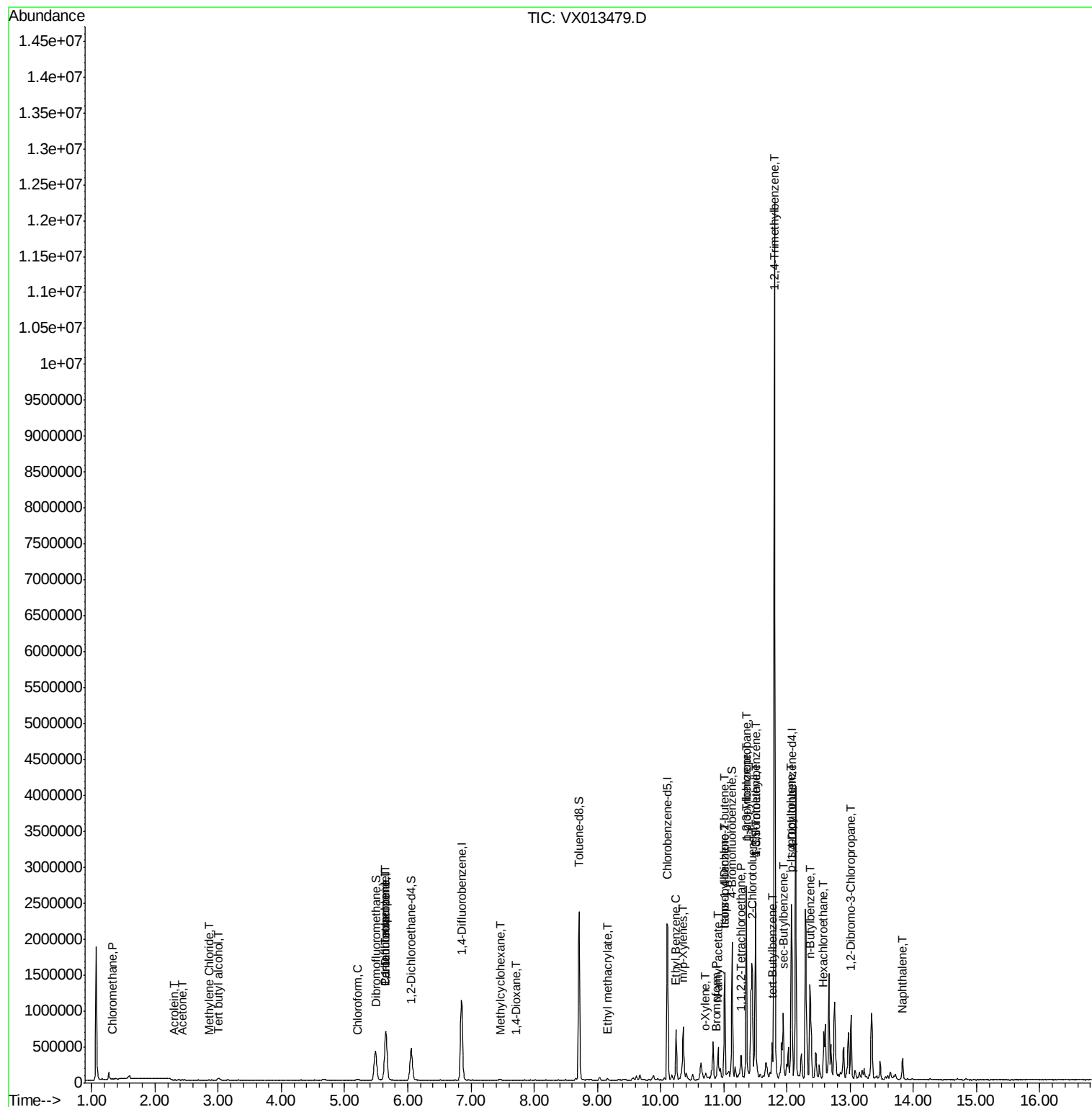
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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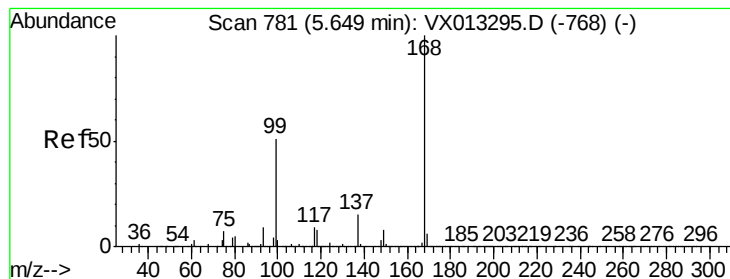
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleID :

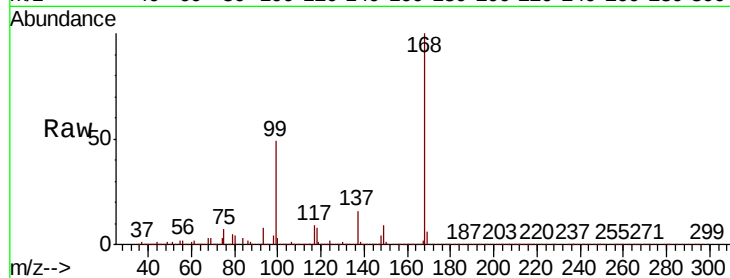
MW-2DL

Tot Ion:168 Resp: 711190

Ion Ratio Lower Upper

168 100

99 49.0 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

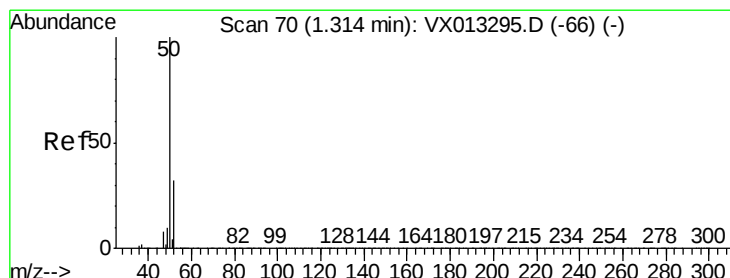
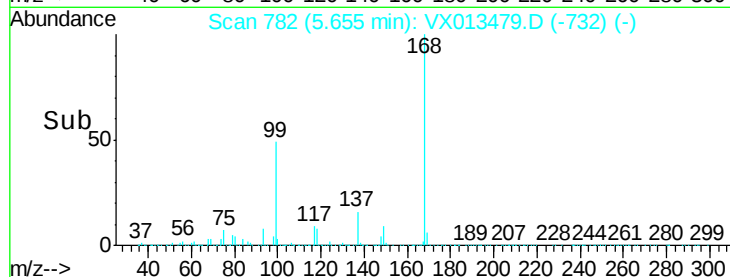
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.324 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013479.D

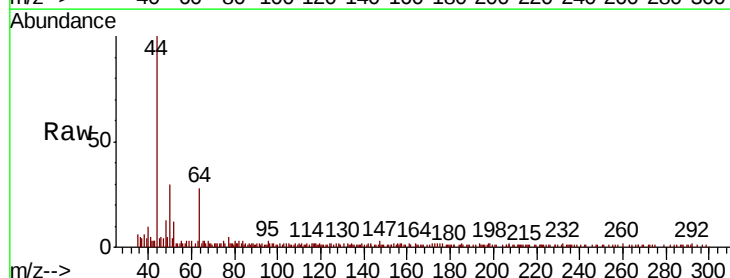
Acq: 20 Nov 2019 15:58

Tgt Ion: 50 Resp: 2876

Ion Ratio Lower Upper

50 100

52 34.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

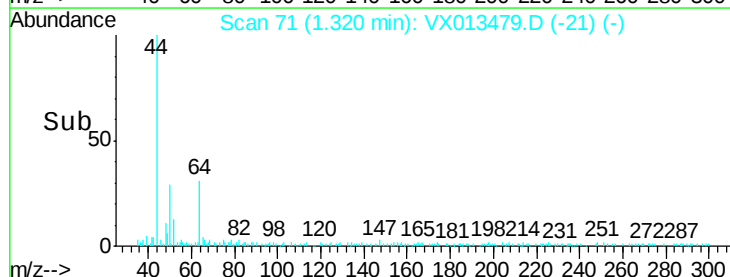
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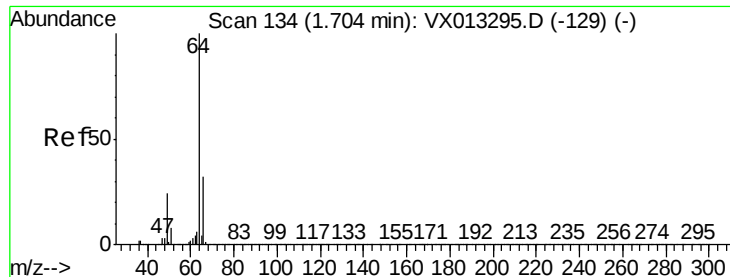
1000

0

Time-->

1.28 1.30 1.32 1.34 1.36





#6

Chloroethane

Concen: Below Cal

RT: 1.78 min Scan# 147

Delta R.T. 0.08 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

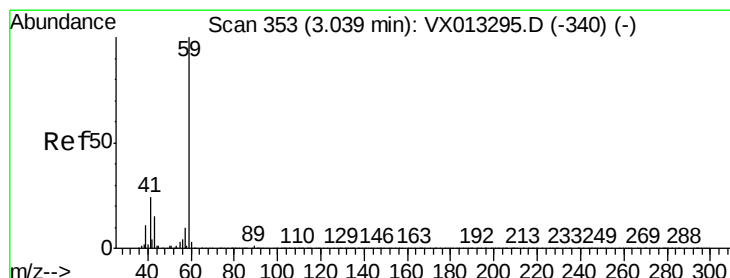
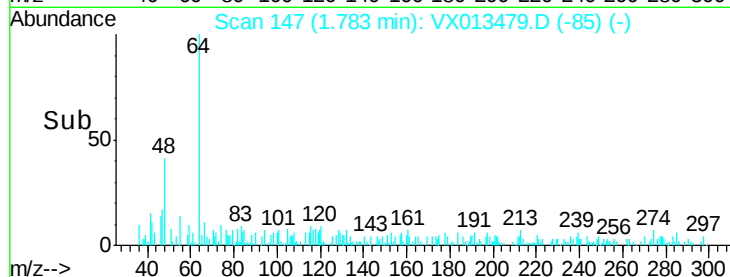
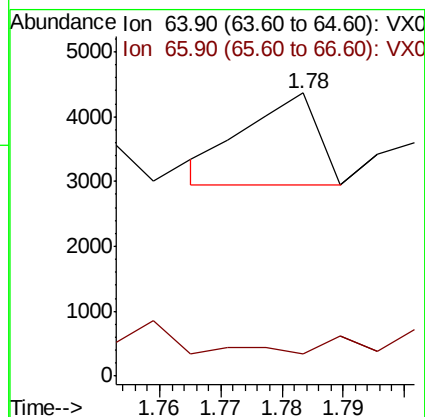
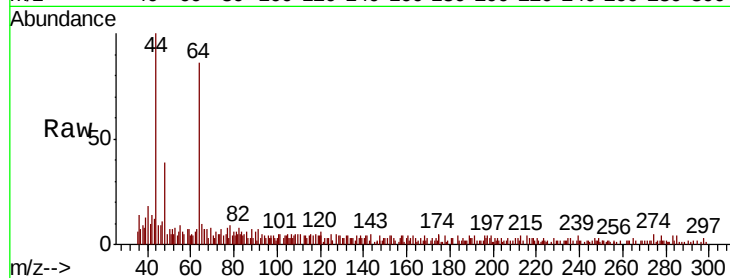
MW-2DL

Tot Ion: 64 Resp: 1164

Ion Ratio Lower Upper

64 100

66 24.4 25.6 38.4#



#11

Tert butyl alcohol

Concen: 9.513 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.02 min

Lab File: VX013479.D

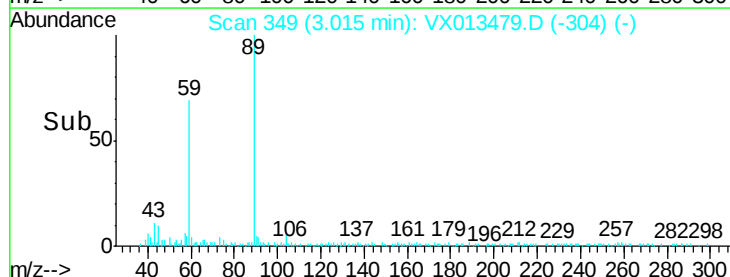
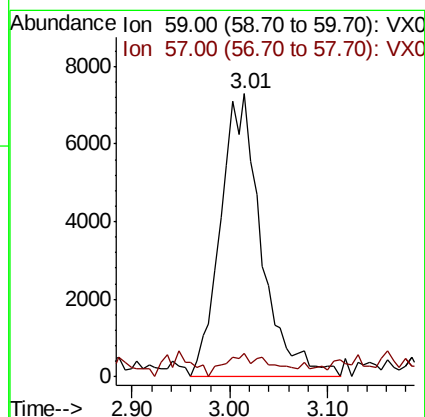
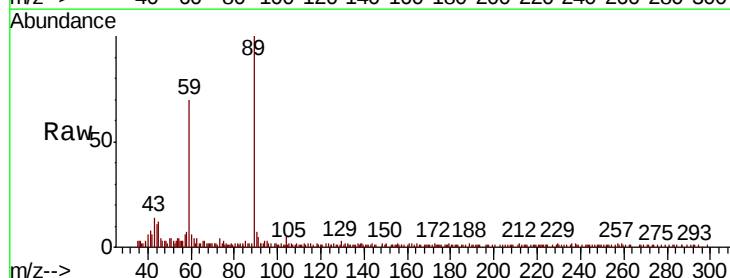
Acq: 20 Nov 2019 15:58

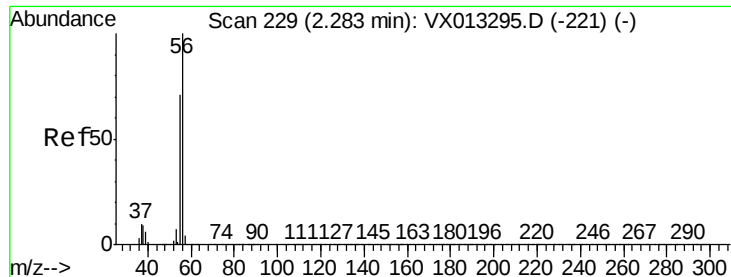
Tgt Ion: 59 Resp: 21126

Ion Ratio Lower Upper

59 100

57 9.4 8.0 12.0

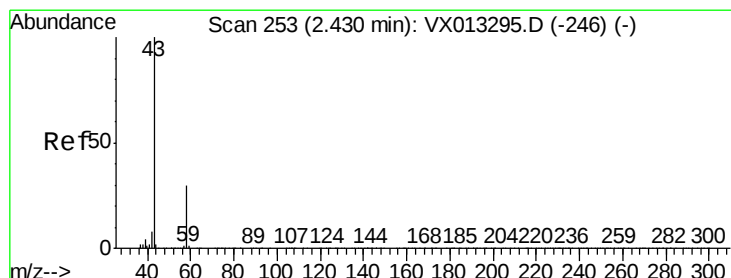
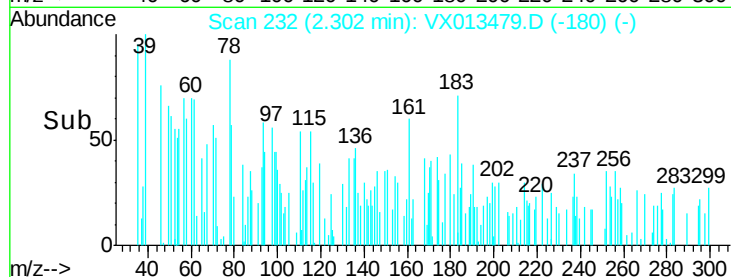
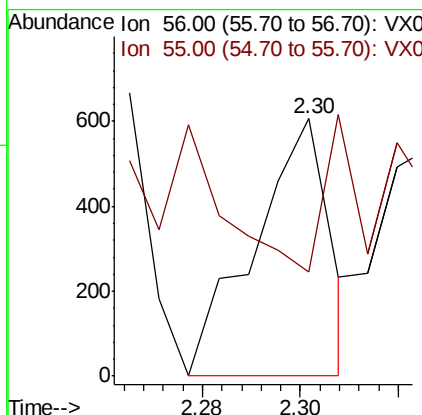
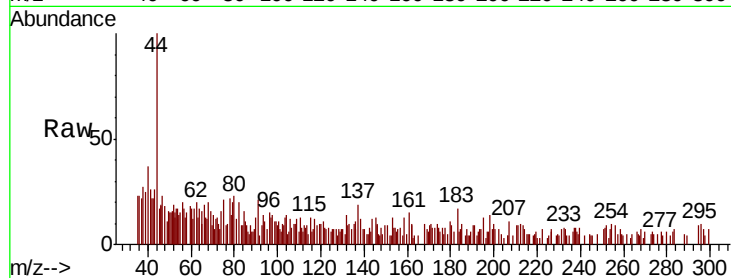




#13
Acrolein
Concen: 0.537 ug/l
RT: 2.30 min Scan# 232
Delta R.T. 0.02 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

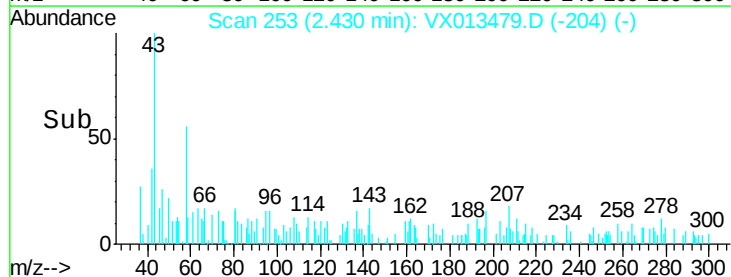
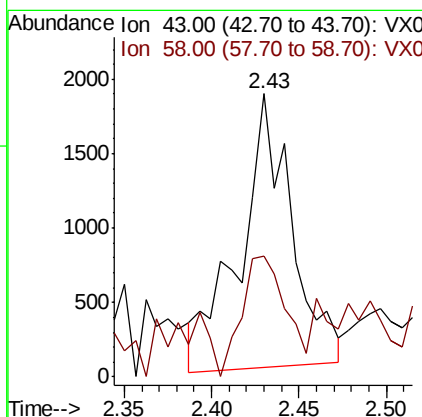
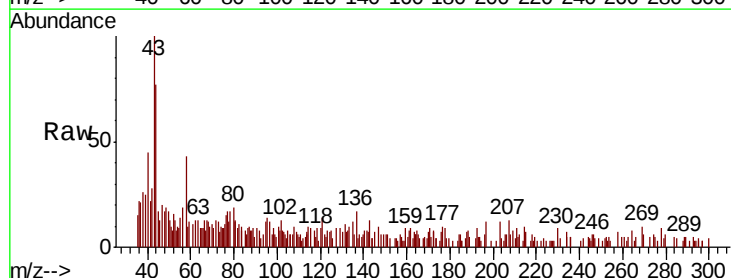
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

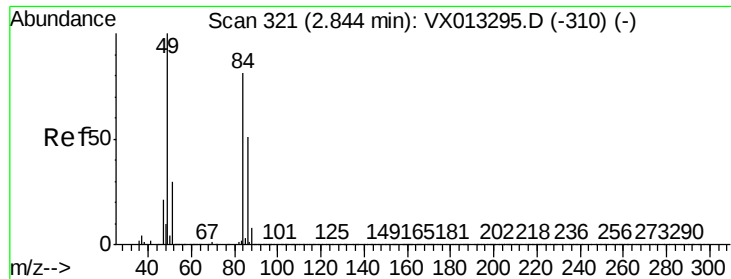
Tot Ion: 56 Resp: 646
Ion Ratio Lower Upper
56 100
55 23.5 57.4 86.0#



#16
Acetone
Concen: 0.904 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

Tgt Ion: 43 Resp: 3797
Ion Ratio Lower Upper
43 100
58 36.2 24.3 36.5

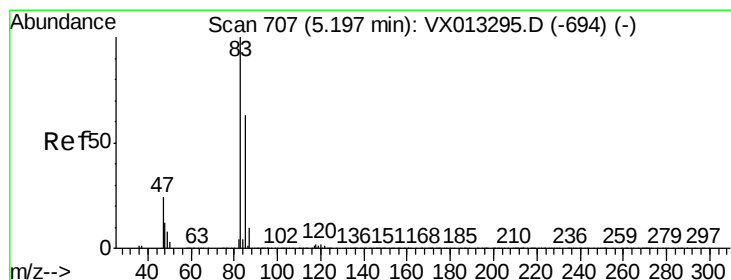
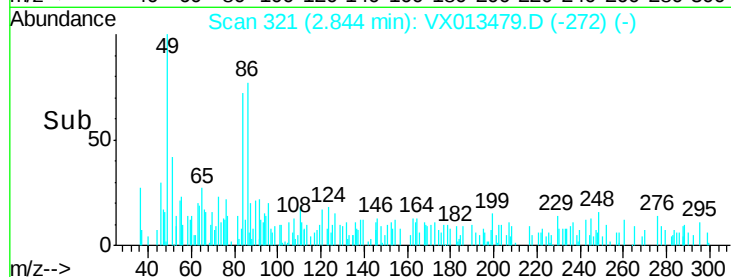
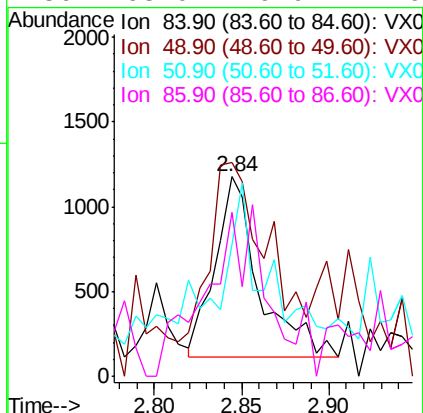
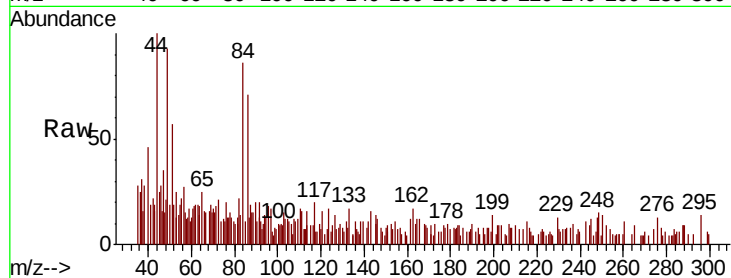




#20
Methvlene Chloride
Concen: 0.238 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

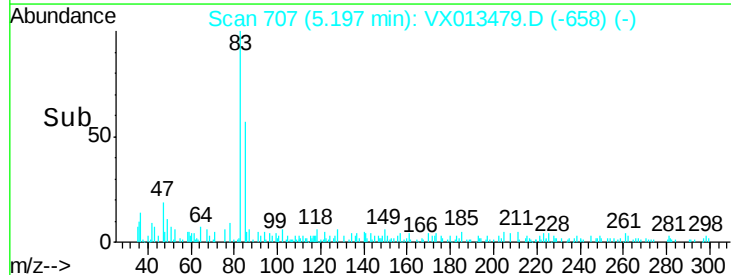
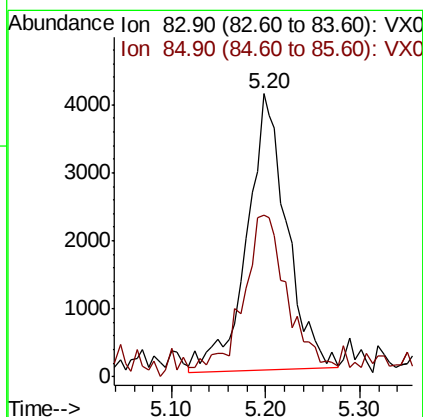
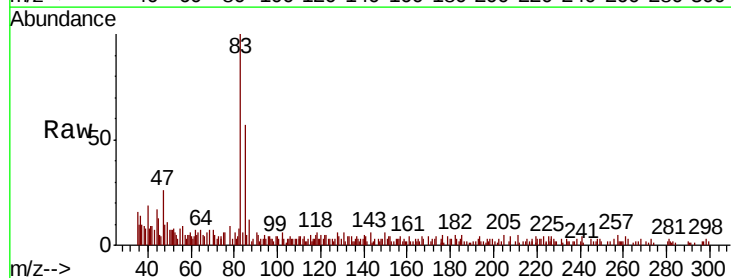
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

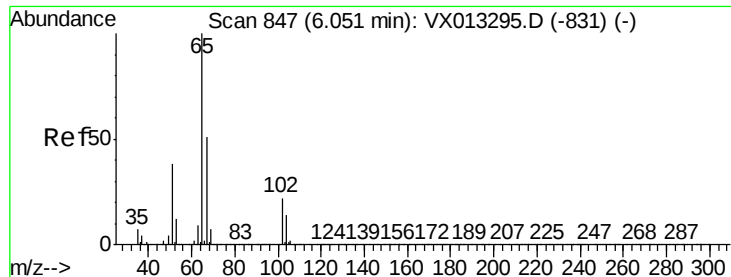
Tot Ion:	84	Resp:	1848
Ion	Ratio	Lower	Upper
84	100		
49	94.4	98.2	147.4#
51	41.4	29.9	44.9
86	63.0	49.9	74.9



#30
Chloroform
Concen: 0.950 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

Tgt Ion:	83	Resp:	12009
Ion	Ratio	Lower	Upper
83	100		
85	55.8	50.2	75.4





#33

1,2-Dichloroethane-d4

Concen: 49.213 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

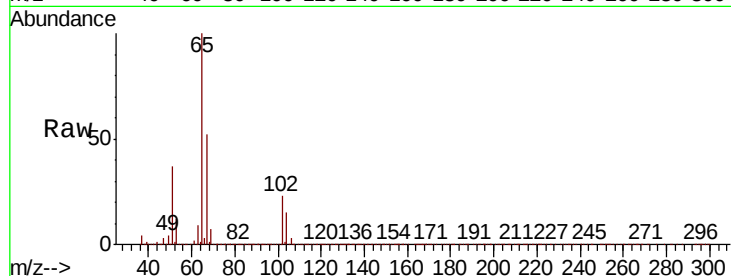
MW-2DL

Tot Ion: 65 Resp: 414642

Ion Ratio Lower Upper

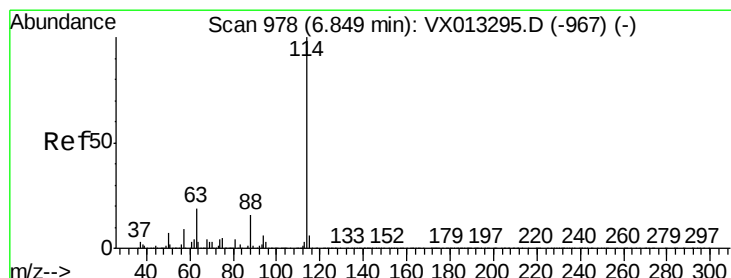
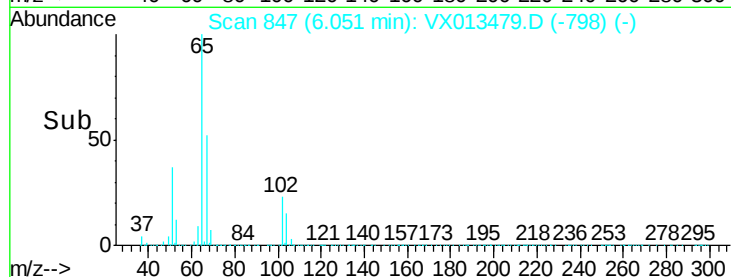
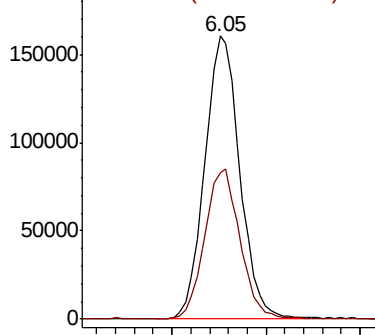
65 100

67 53.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

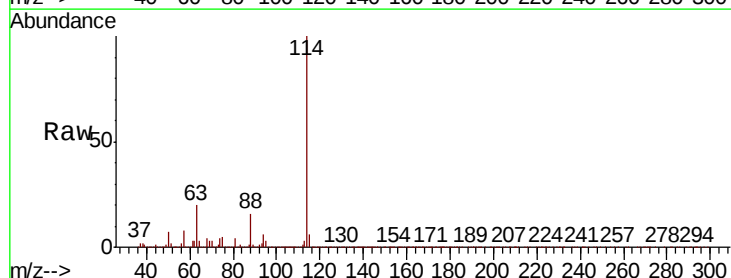
Tgt Ion: 114 Resp: 1153052

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

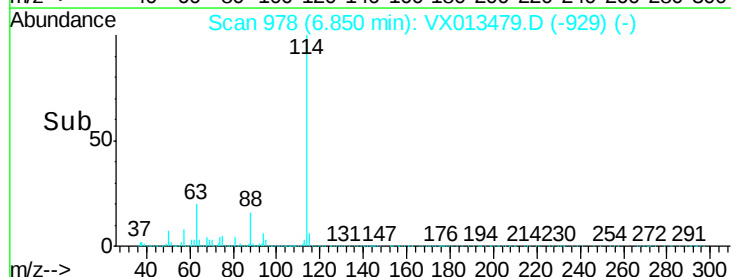
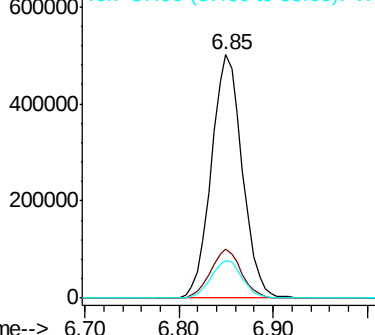
88 15.5 0.0 32.2

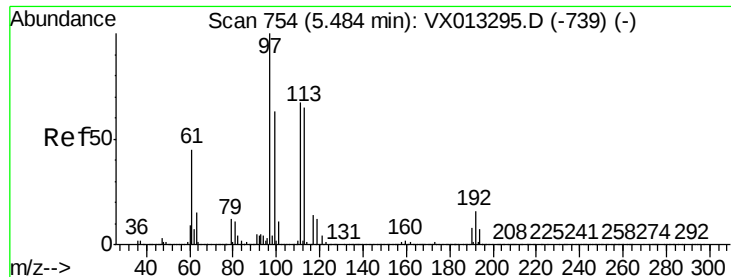


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

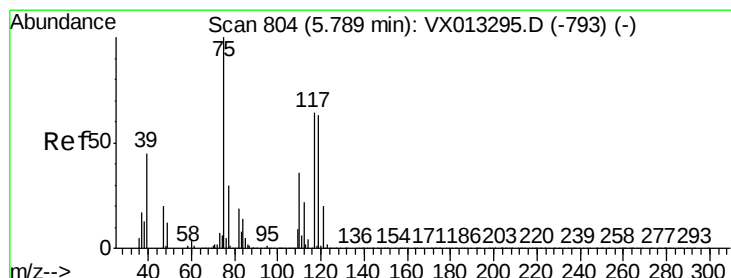
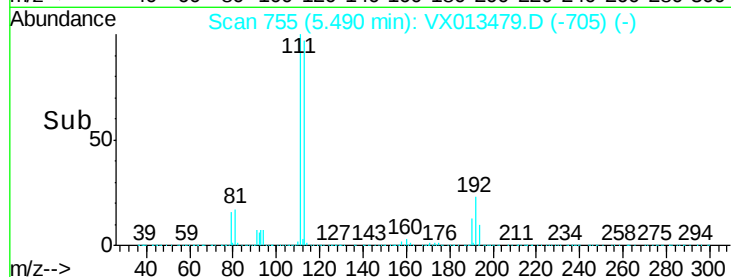
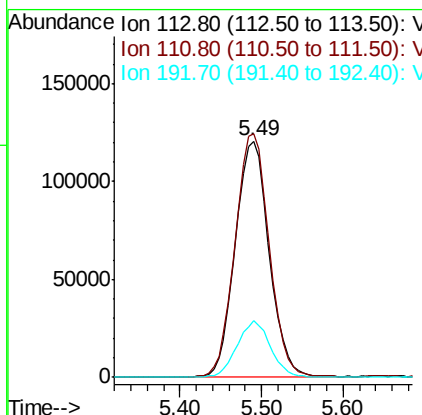
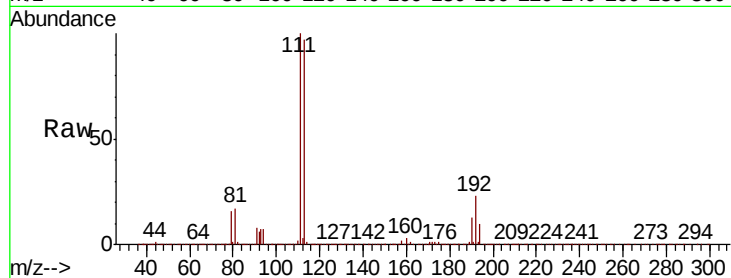




#35
 Dibromofluoromethane
 Concen: 48.195 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013479.D
 Acq: 20 Nov 2019 15:58

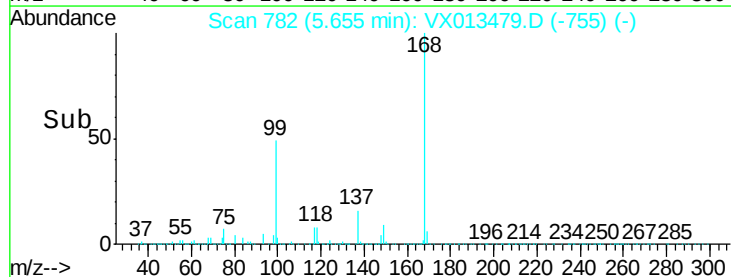
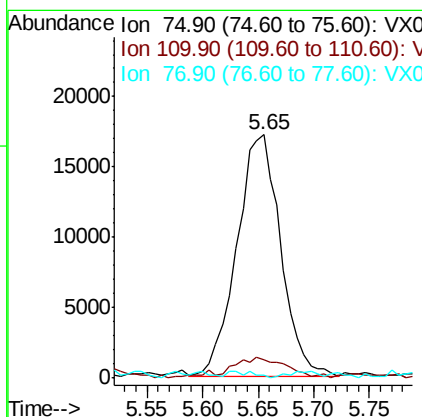
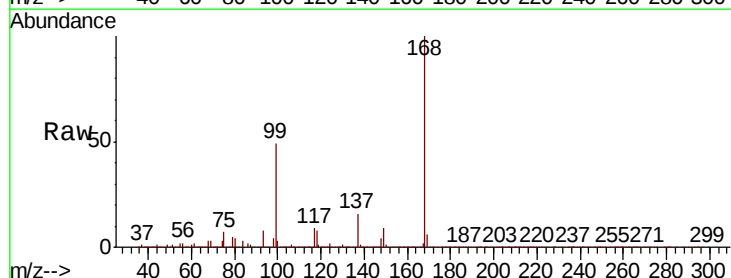
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

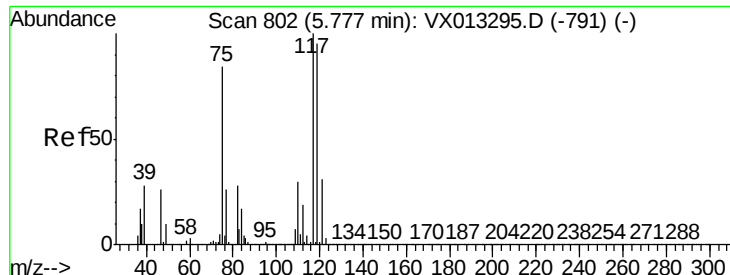
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	23.7	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX013479.D
 Acq: 20 Nov 2019 15:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.549 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

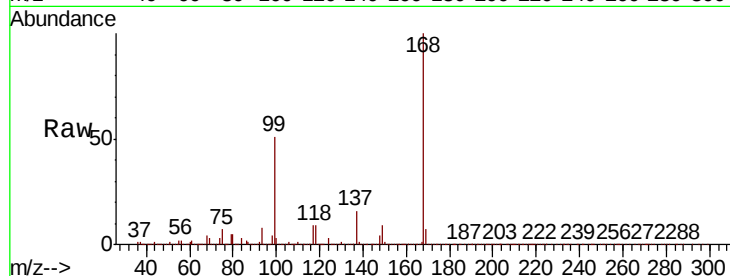
Tot Ion:117 Resp: 63344

Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

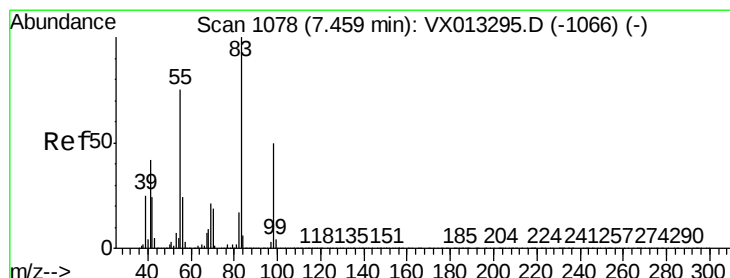
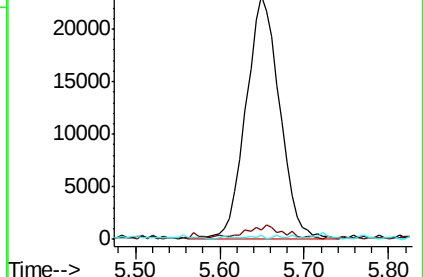
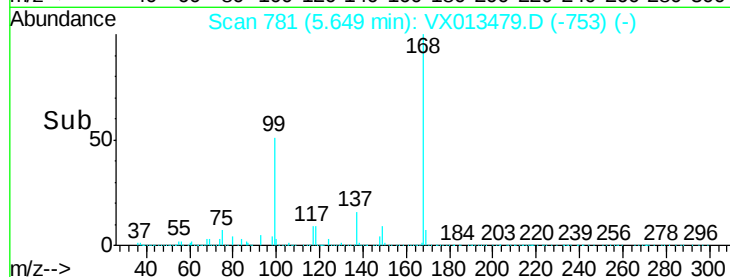
121 1.1 24.6 37.0#



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

Methylcyclohexane

Concen: 0.463 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

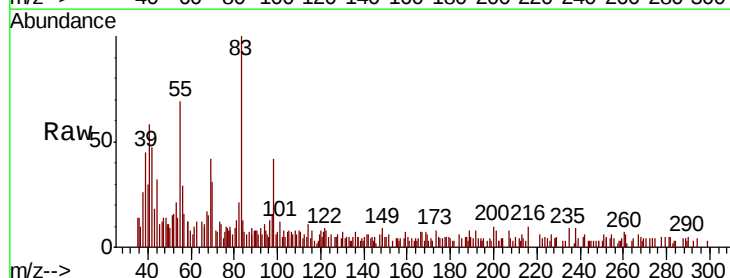
Tgt Ion: 83 Resp: 5705

Ion Ratio Lower Upper

83 100

55 63.3 60.3 90.5

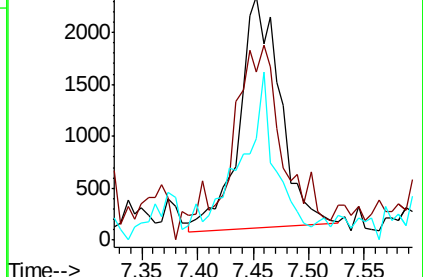
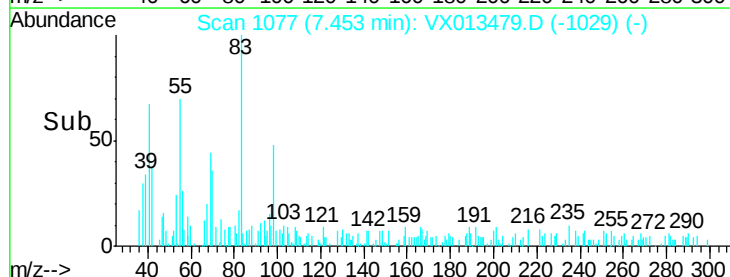
98 38.4 40.3 60.5#

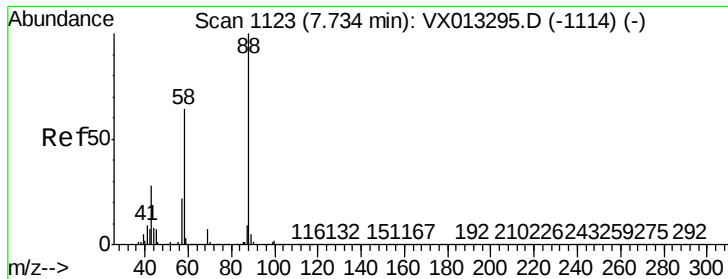


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#49

1,4-Dioxane

Concen: 1.291 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

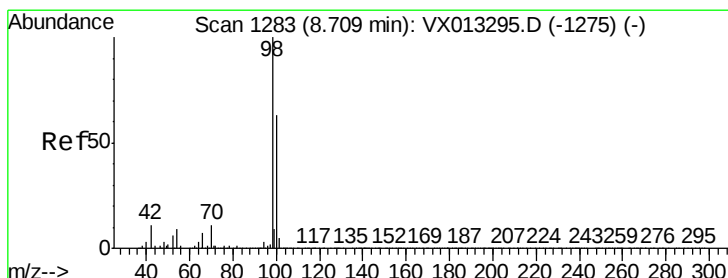
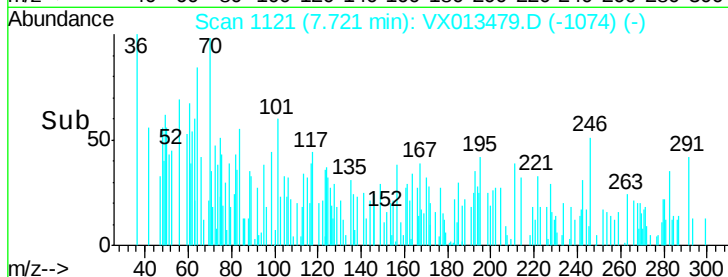
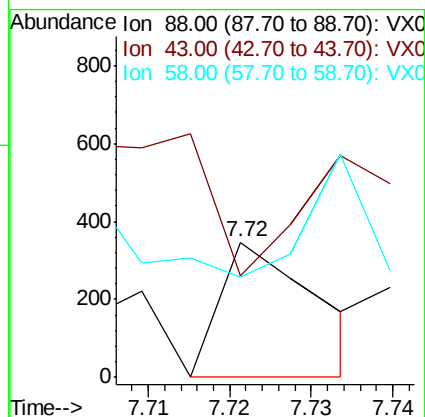
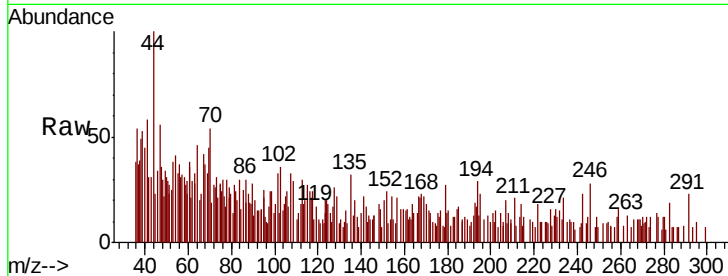
Tot Ion: 88 Resp: 281

Ion Ratio Lower Upper

88 100

43 240.6 26.6 39.8#

58 90.0 55.0 82.6#



#50

Toluene-d8

Concen: 50.282 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013479.D

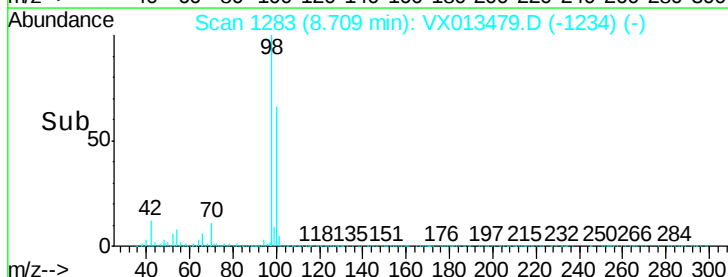
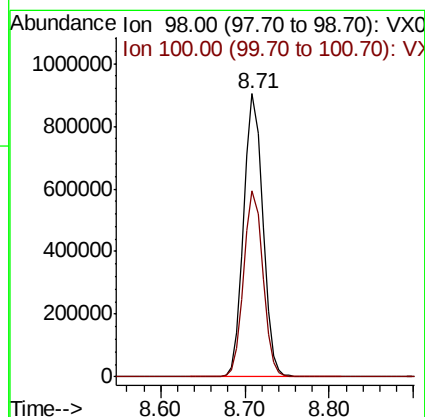
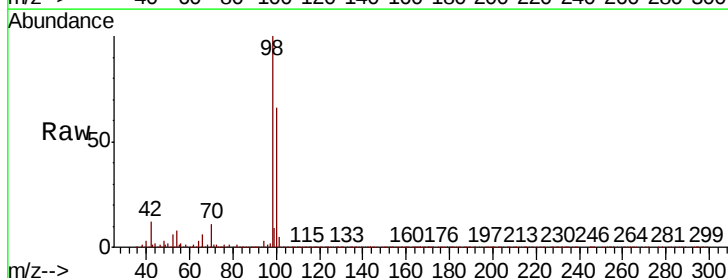
Acq: 20 Nov 2019 15:58

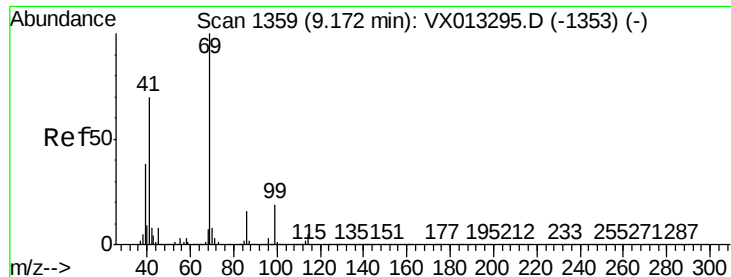
Tgt Ion: 98 Resp: 1370905

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2





#56

Ethyl methacrylate

Concen: 1.654 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampled :

MW-2DL

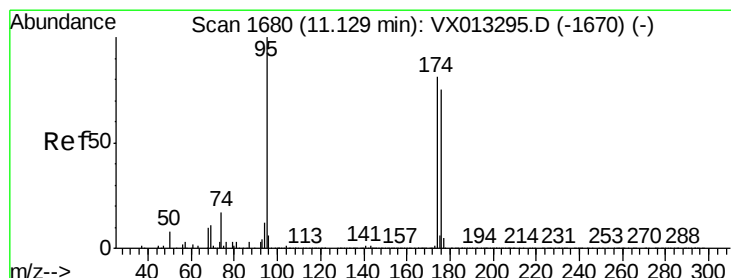
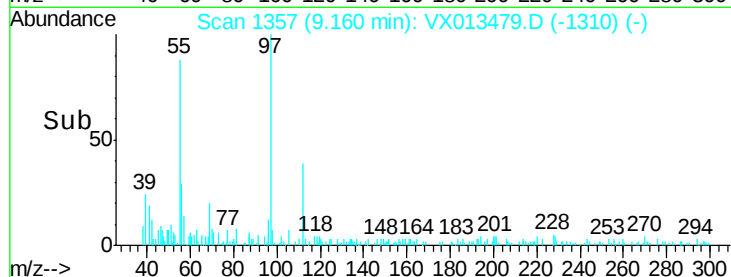
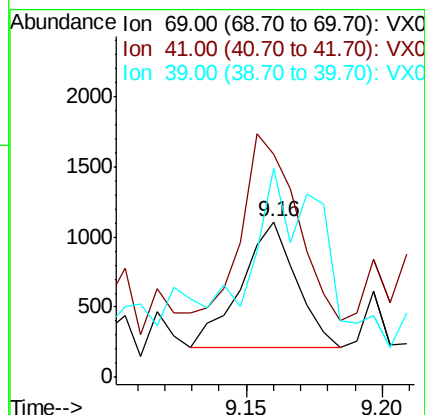
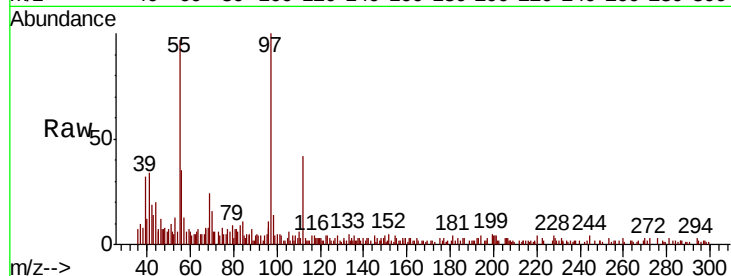
Tot Ion: 69 Resp: 1268

Ion Ratio Lower Upper

69 100

41 168.8 56.2 84.2#

39 177.8 31.1 46.7#



#62

4-Bromofluorobenzene

Concen: 49.424 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

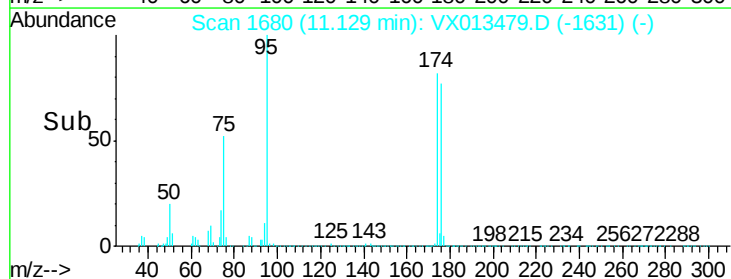
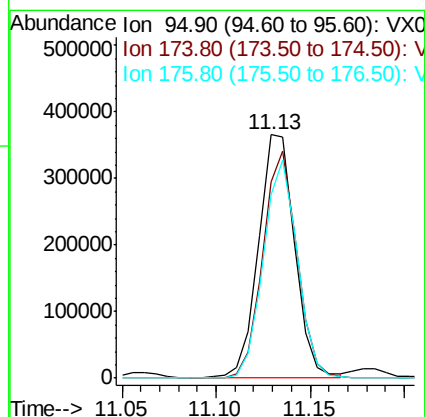
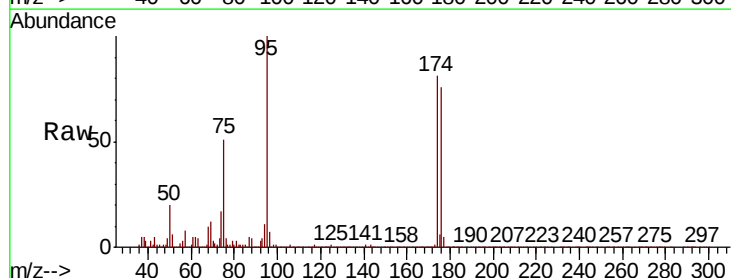
Tgt Ion: 95 Resp: 486322

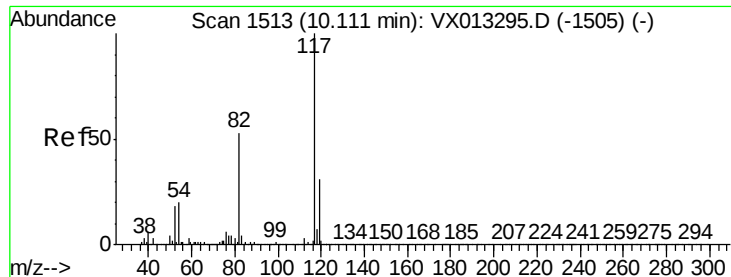
Ion Ratio Lower Upper

95 100

174 87.6 0.0 179.8

176 84.5 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

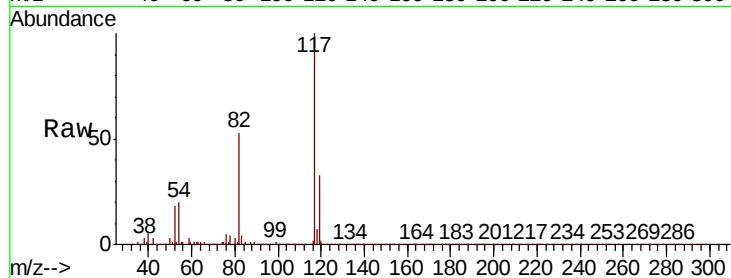
Tot Ion:117 Resp: 1032460

Ion Ratio Lower Upper

117 100

82 52.8 42.6 64.0

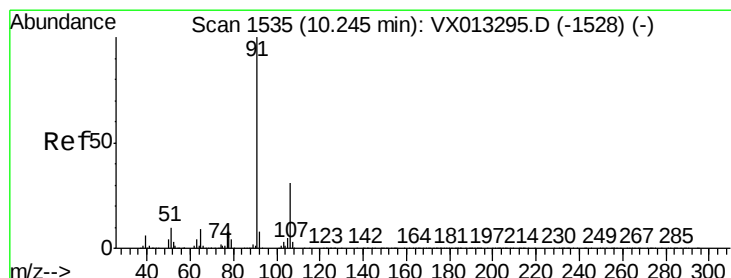
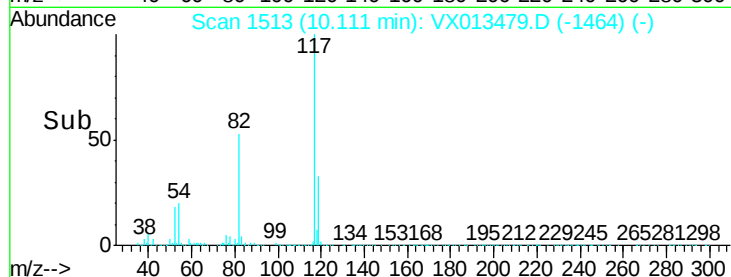
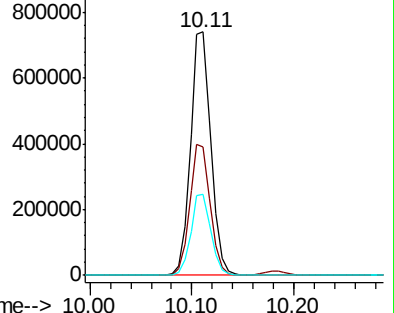
119 33.2 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 10.472 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013479.D

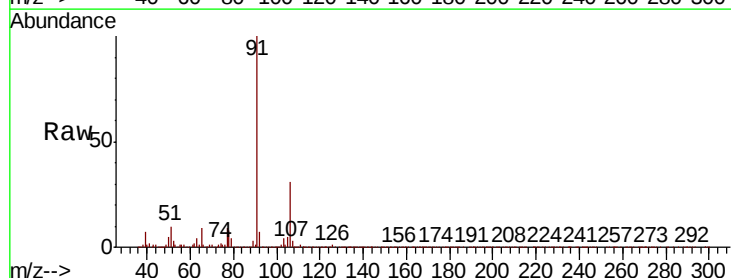
Acq: 20 Nov 2019 15:58

Tgt Ion: 91 Resp: 377776

Ion Ratio Lower Upper

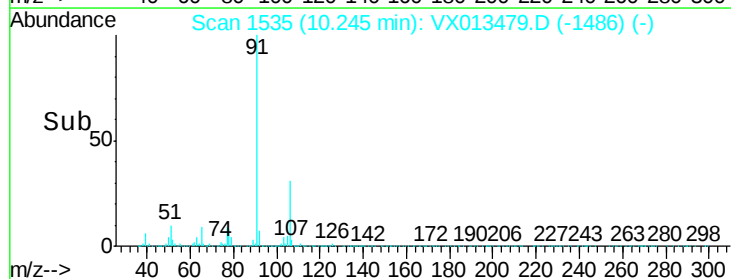
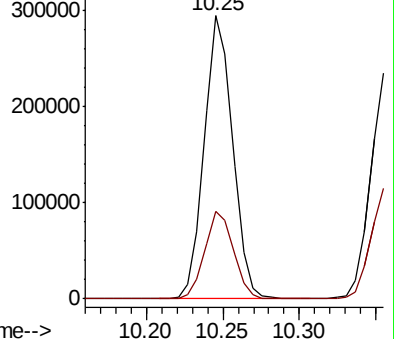
91 100

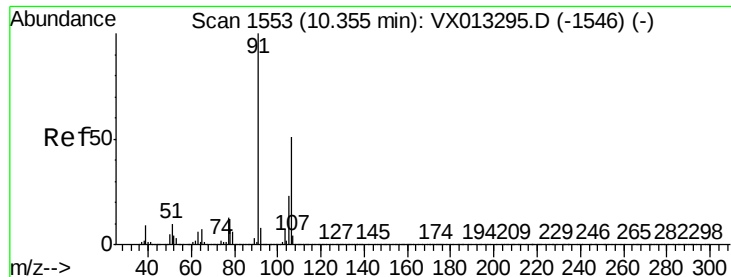
106 30.8 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

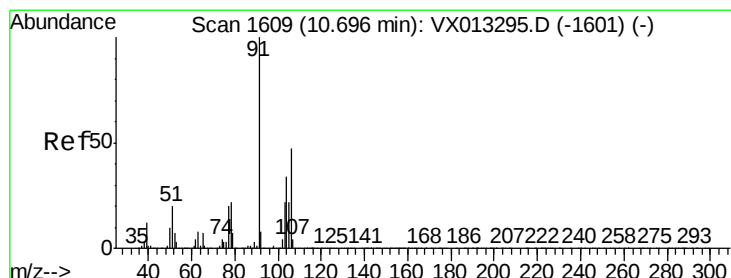
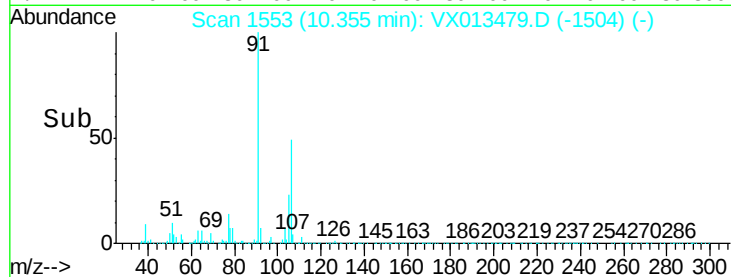
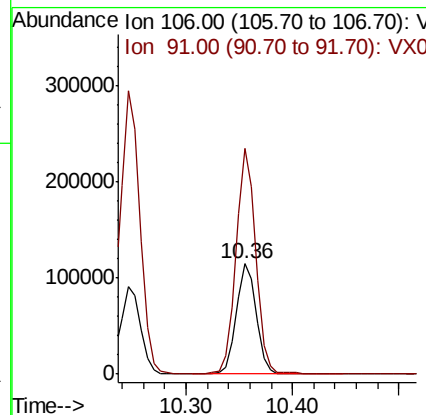
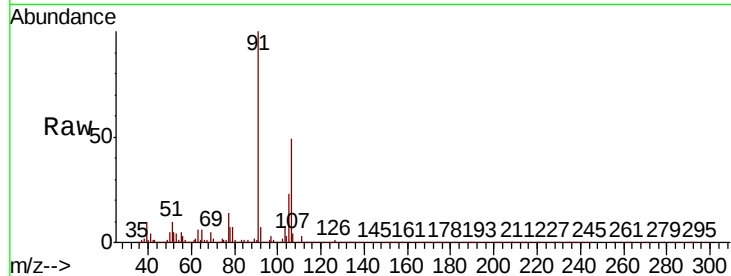




#68
m/p-Xvlenes
Concen: 11.068 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

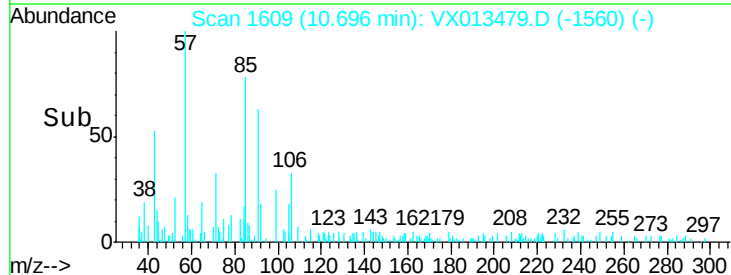
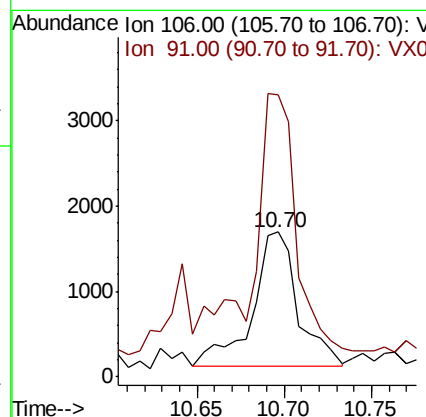
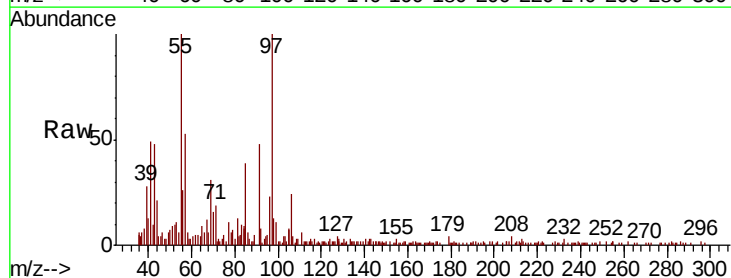
Instrument :
MSVOA_X
ClientSampled :
MW-2DL

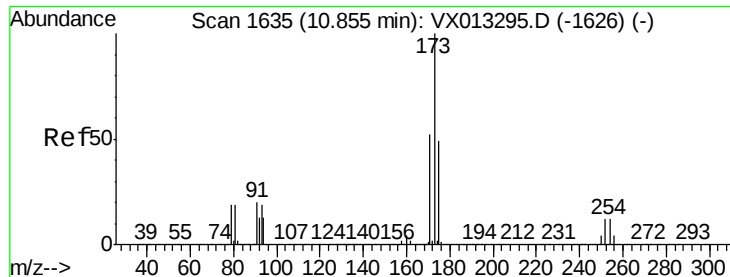
Tot Ion:106 Resp: 151013
Ion Ratio Lower Upper
106 100
91 201.3 159.3 238.9



#69
o-Xylene
Concen: 0.217 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

Tgt Ion:106 Resp: 2900
Ion Ratio Lower Upper
106 100
91 170.1 105.7 317.0

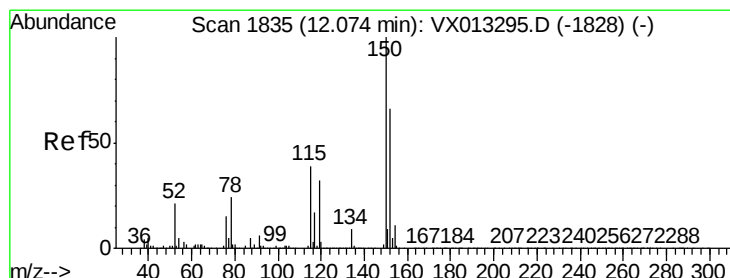
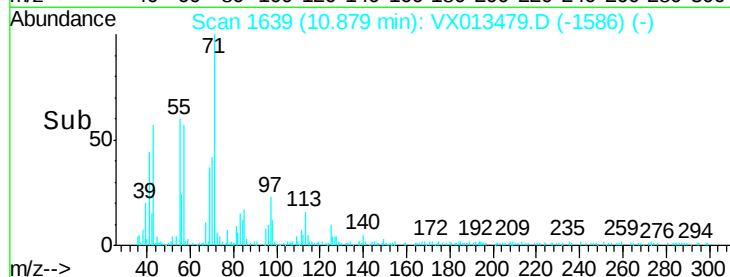
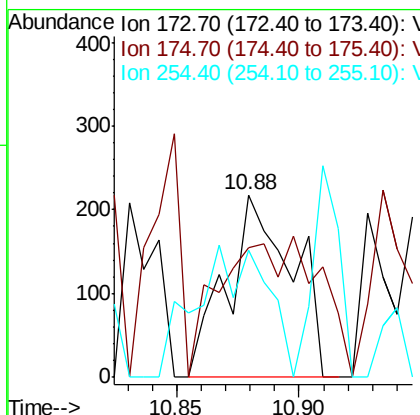
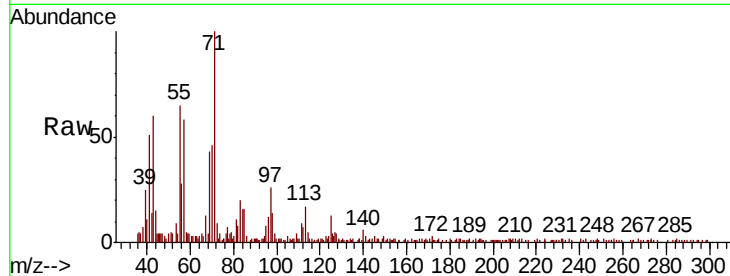




#71
Bromoform
Concen: 3.255 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.03 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

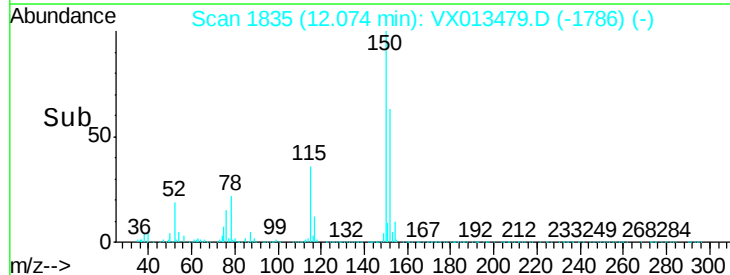
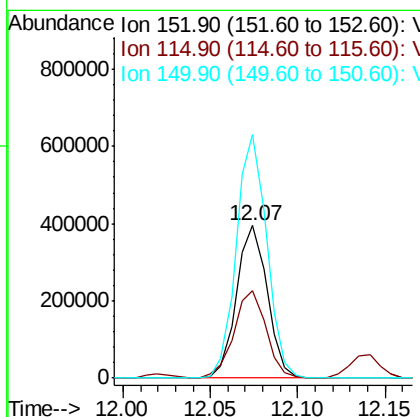
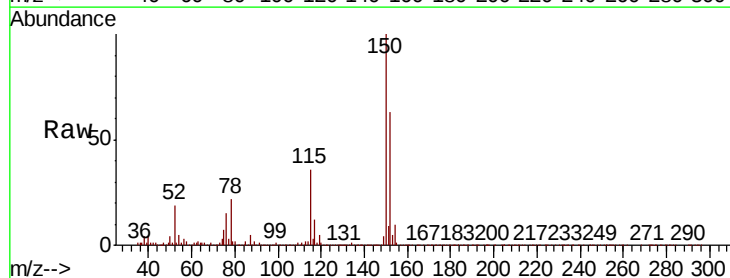
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

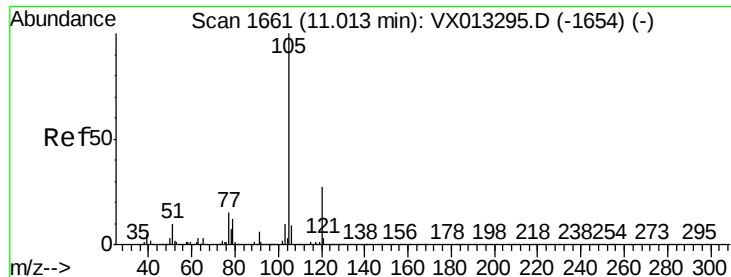
Tot Ion:173 Resp: 400
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 46.3 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

Tgt Ion:152 Resp: 482927
Ion Ratio Lower Upper
152 100
115 59.8 39.5 118.3
150 157.7 0.0 344.4





#73

Isopropylbenzene

Concen: 23.568 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

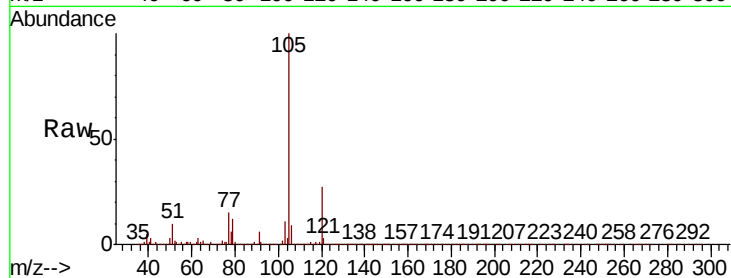
MW-2DL

Tot Ion:105 Resp: 754614

Ion Ratio Lower Upper

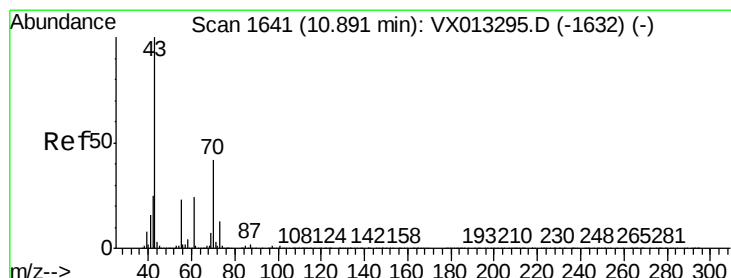
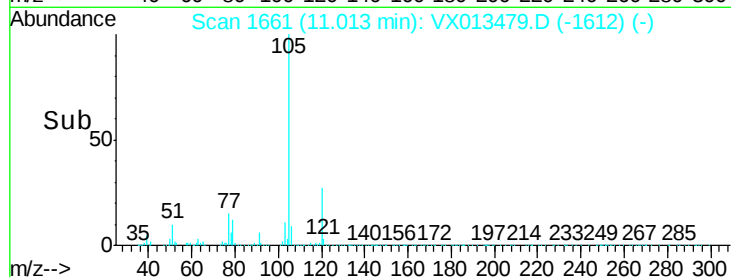
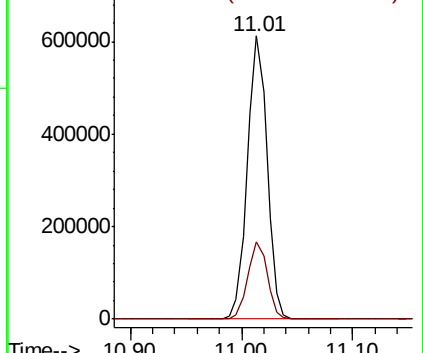
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.680 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Tgt Ion: 43 Resp: 24937

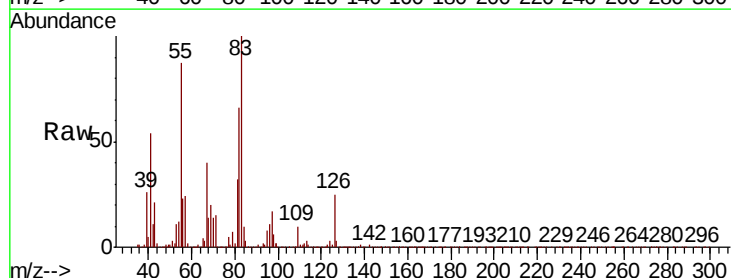
Ion Ratio Lower Upper

43 100

70 73.3 34.1 51.1#

55 389.6 18.9 28.3#

61 0.0 19.2 28.8#

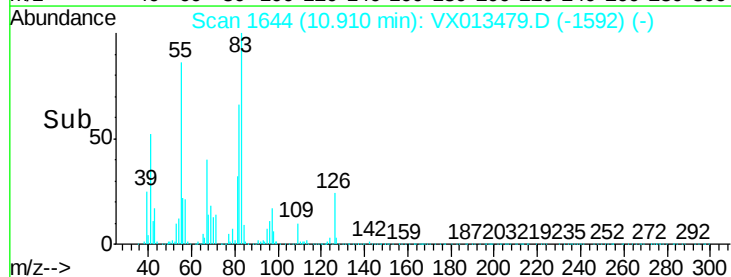
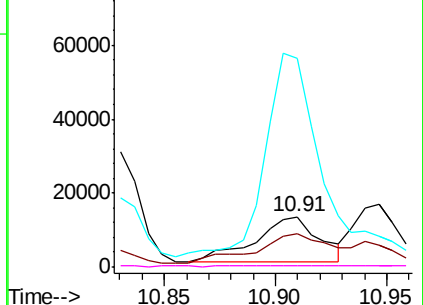


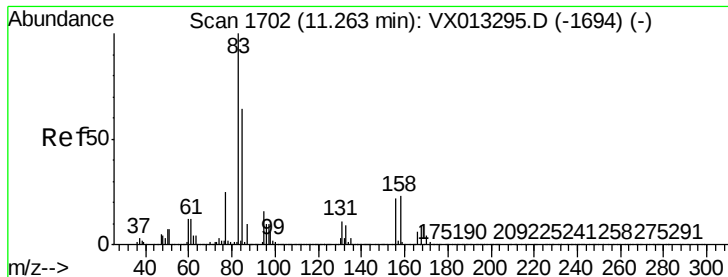
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.589 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

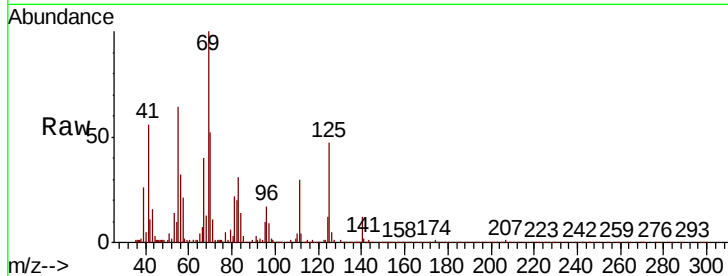
Tot Ion: 83 Resp: 18558

Ion Ratio Lower Upper

83 100

131 0.9 5.1 15.3#

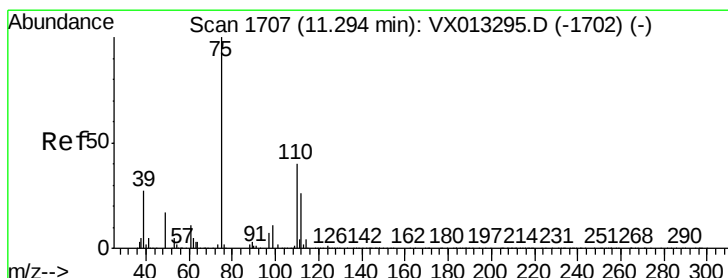
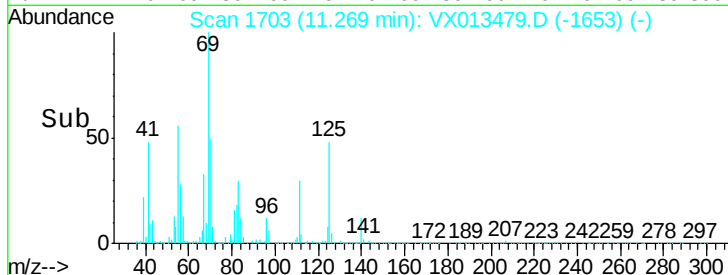
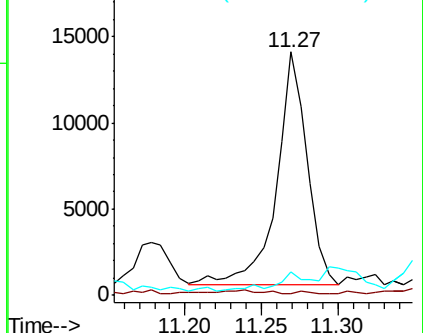
85 7.8 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.065 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.06 min

Lab File: VX013479.D

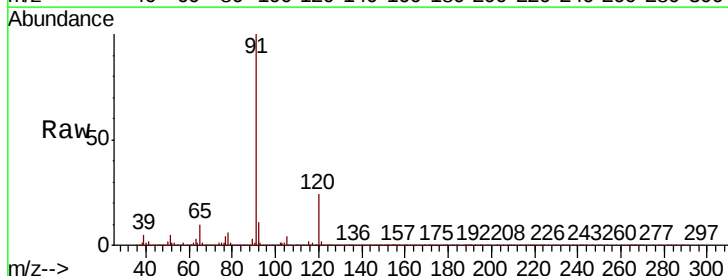
Acq: 20 Nov 2019 15:58

Tgt Ion: 75 Resp: 10450

Ion Ratio Lower Upper

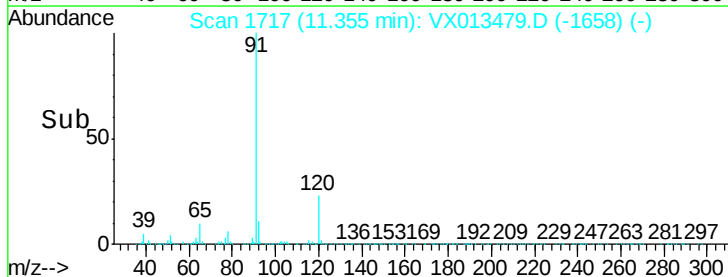
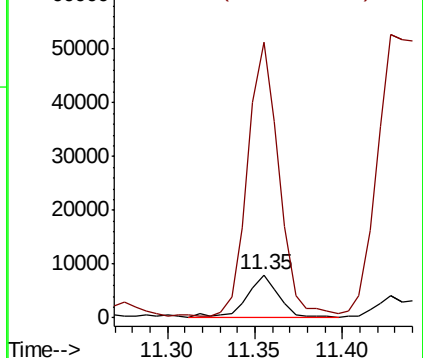
75 100

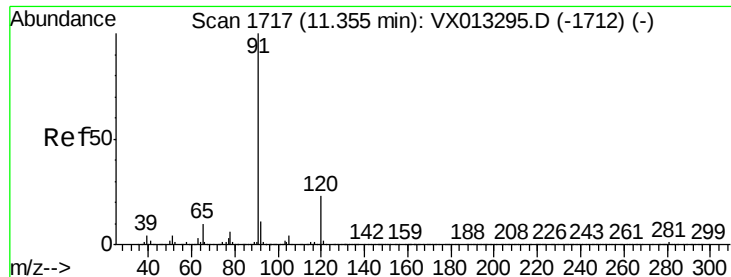
77 601.7 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 44.340 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

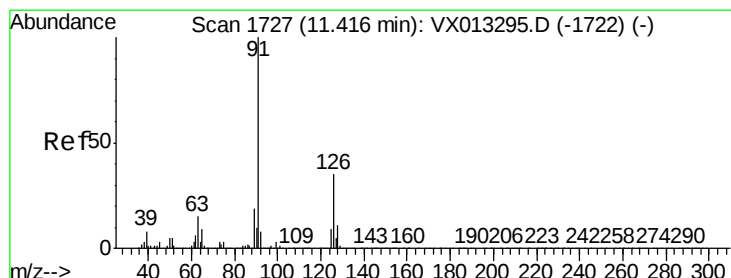
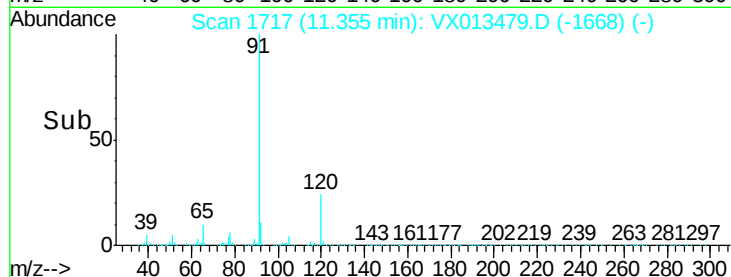
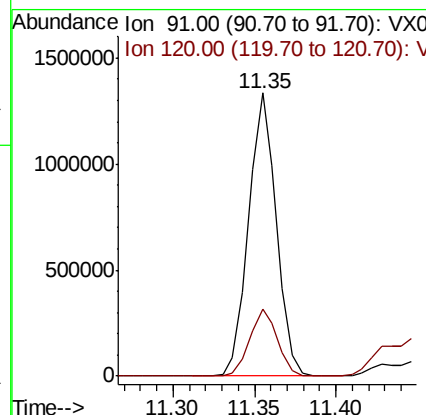
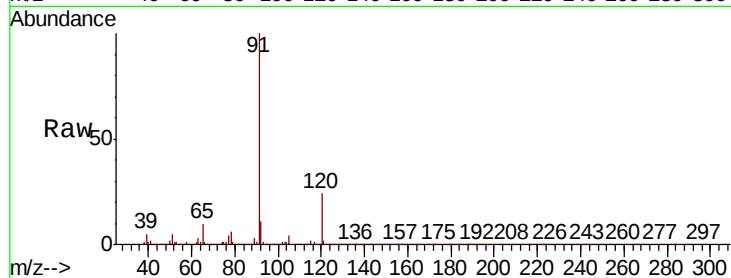
MW-2DL

Tot Ion: 91 Resp: 1581462

Ion Ratio Lower Upper

91 100

120 23.6 11.6 34.8



#79

2-Chlorotoluene

Concen: 6.718 ug/l

RT: 11.45 min Scan# 1732

Delta R.T. 0.03 min

Lab File: VX013479.D

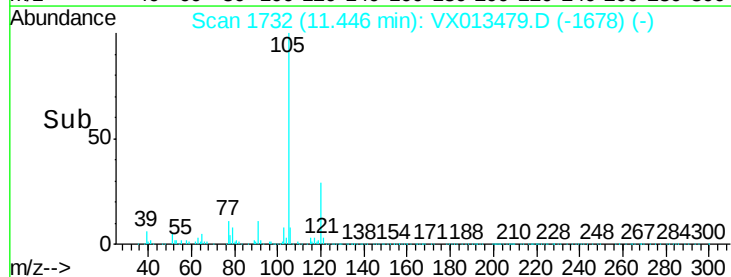
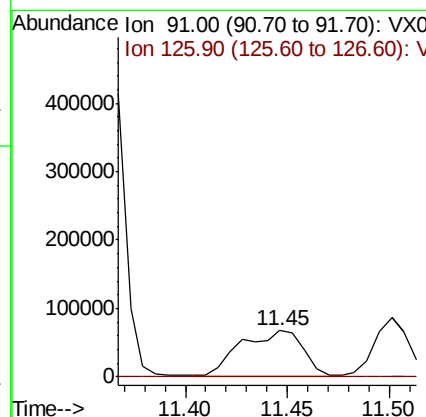
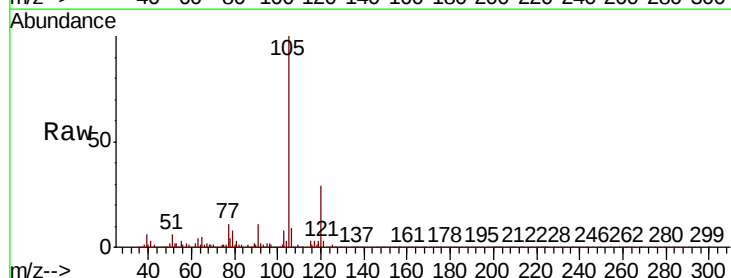
Acq: 20 Nov 2019 15:58

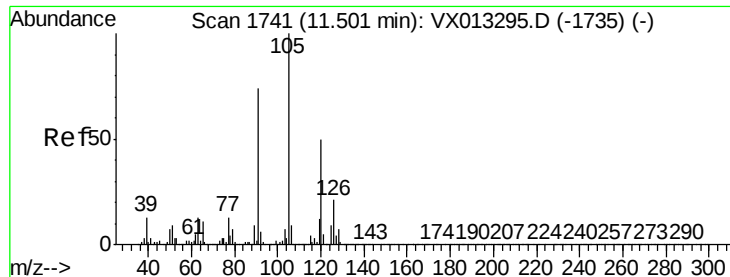
Tgt Ion: 91 Resp: 144364

Ion Ratio Lower Upper

91 100

126 0.3 17.3 52.0#





#80

1,3,5-Trimethylbenzene

Concen: 37.753 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

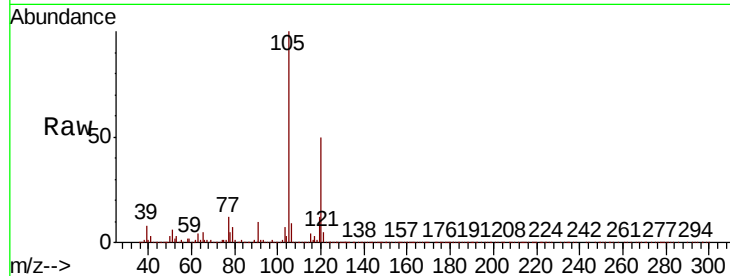
MW-2DL

Tot Ion:105 Resp: 1006877

Ion Ratio Lower Upper

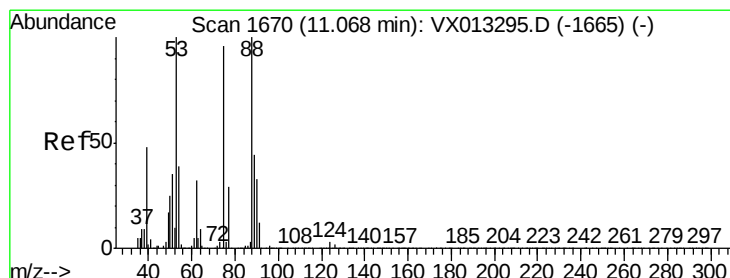
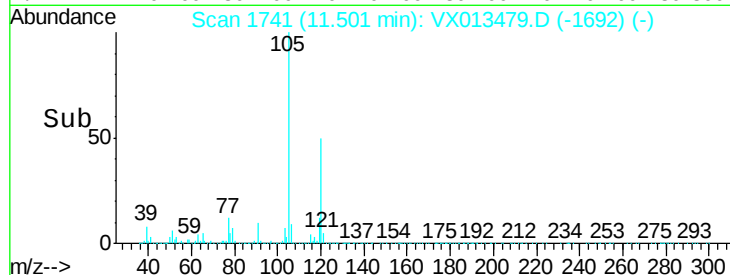
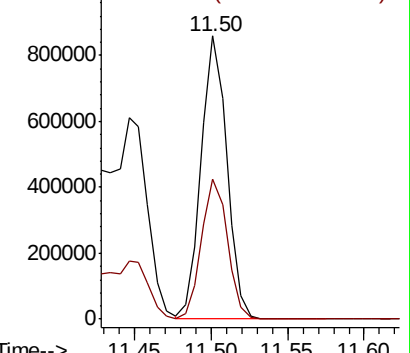
105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 2.141 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.05 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

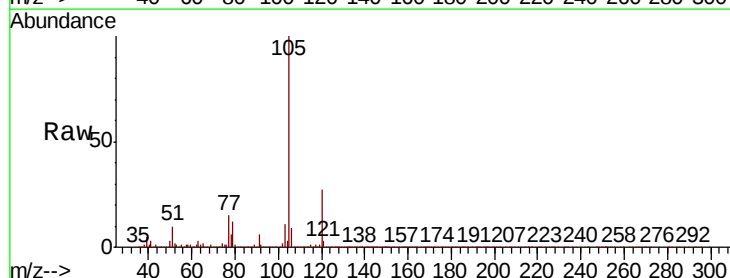
Tgt Ion: 75 Resp: 8159

Ion Ratio Lower Upper

75 100

53 110.3 81.0 121.6

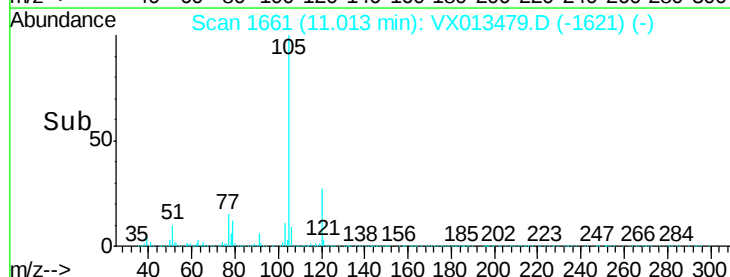
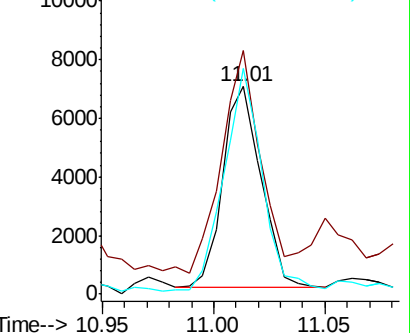
89 110.7 36.0 54.0#

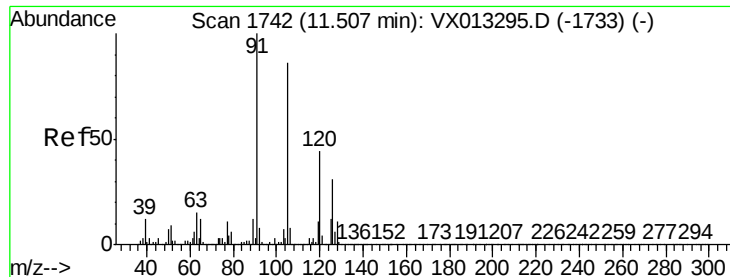


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 4.083 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

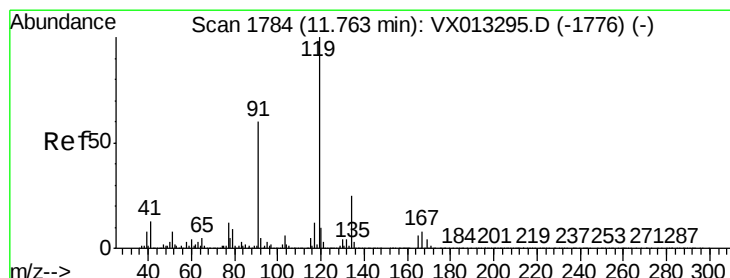
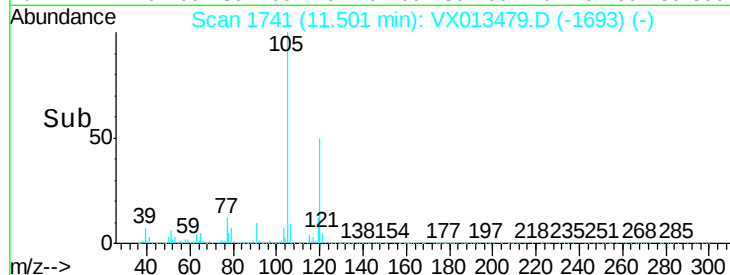
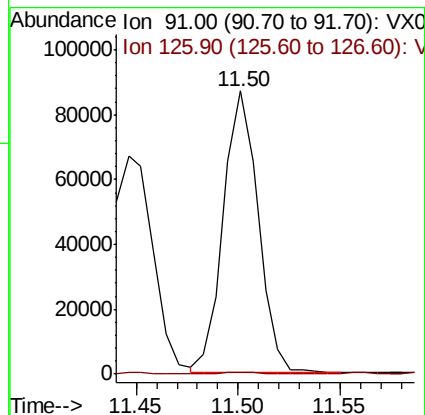
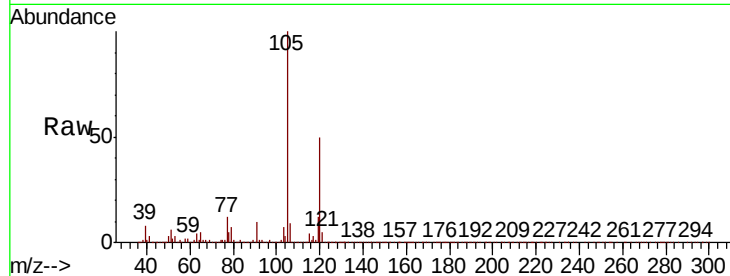
MW-2DL

Tot Ion: 91 Resp: 102703

Ion Ratio Lower Upper

91 100

126 0.3 15.3 45.8#



#83

tert-Butylbenzene

Concen: 3.171 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

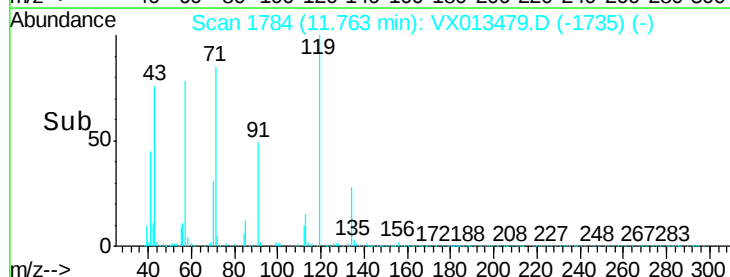
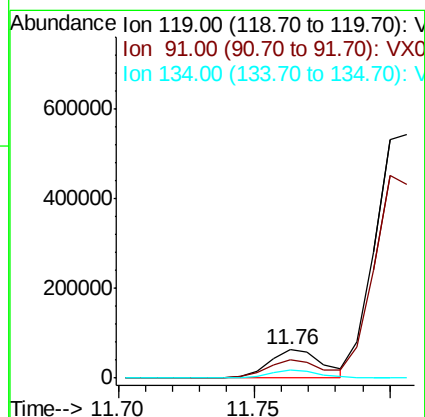
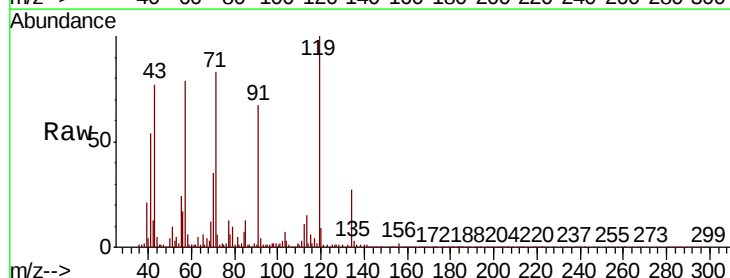
Tgt Ion: 119 Resp: 85144

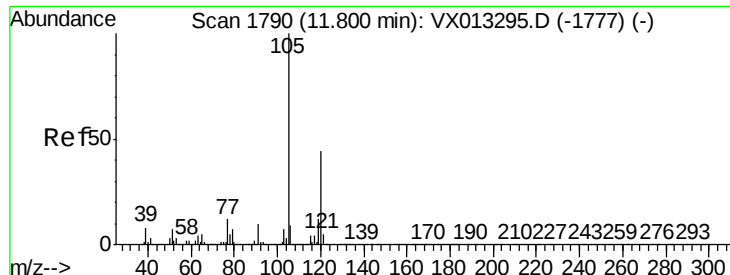
Ion Ratio Lower Upper

119 100

91 59.2 26.9 80.7

134 25.3 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 202.099 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

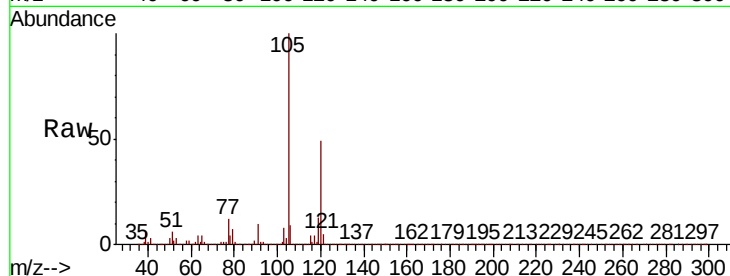
MW-2DL

Tot Ion:105 Resp: 5406931

Ion Ratio Lower Upper

105 100

120 47.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

5000000 Ion 120.00 (119.70 to 120.70): V

4000000

3000000

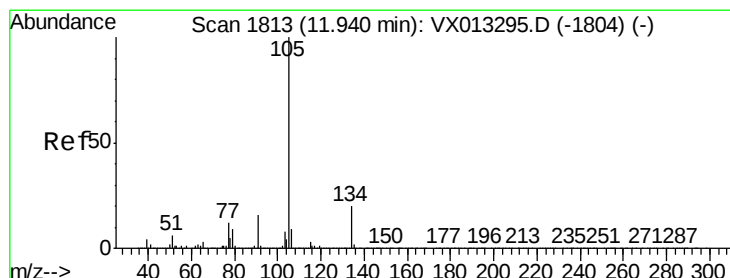
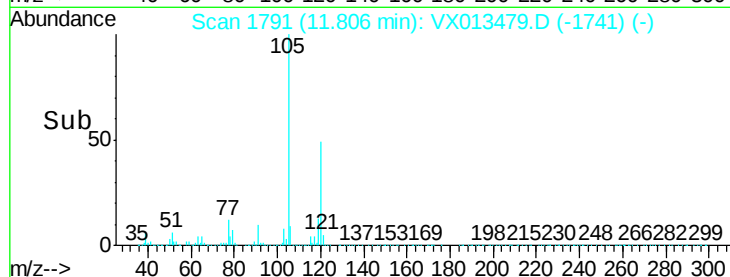
2000000

1000000

0

11.70 11.80 11.90

Time-->



#85

sec-Butylbenzene

Concen: 14.173 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013479.D

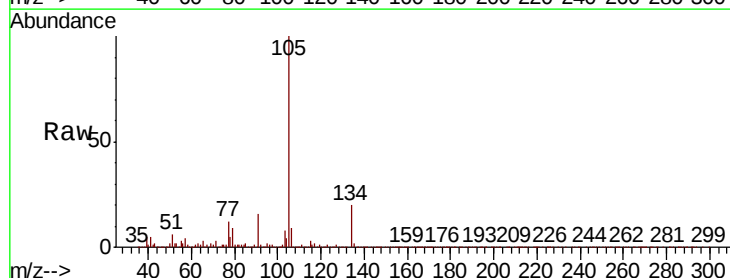
Acq: 20 Nov 2019 15:58

Tgt Ion:105 Resp: 437308

Ion Ratio Lower Upper

105 100

134 19.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

400000 Ion 134.00 (133.70 to 134.70): V

300000

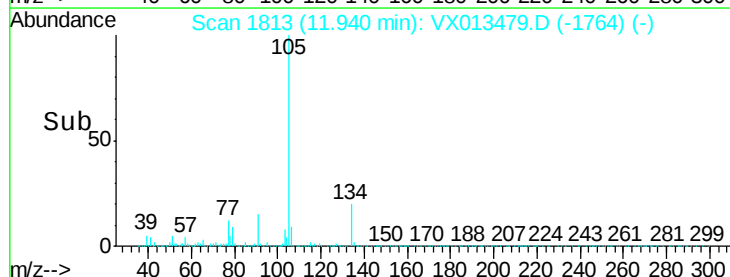
200000

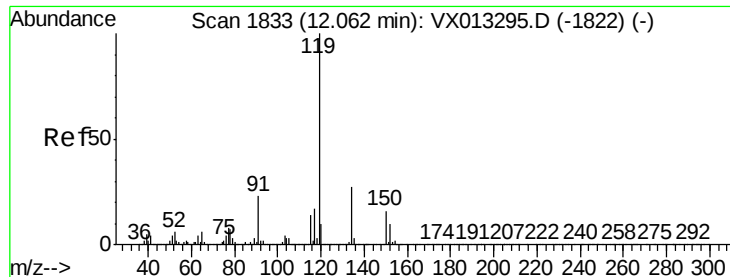
100000

0

11.85 11.90 11.95 12.00

Time-->

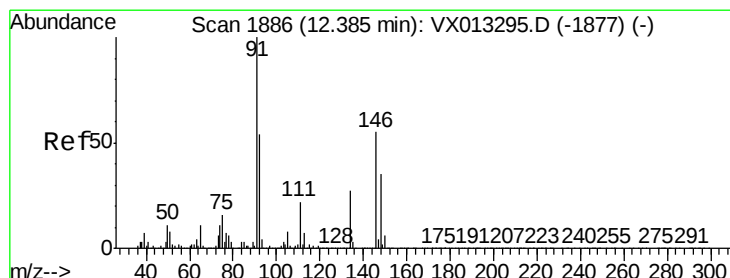
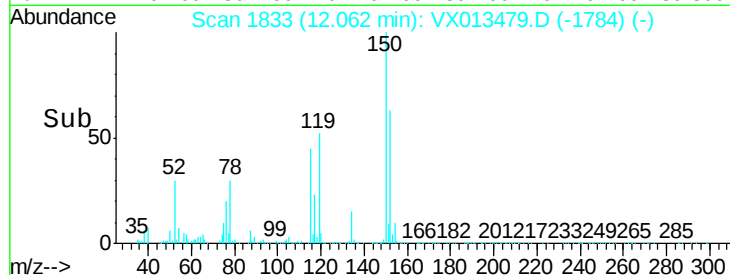
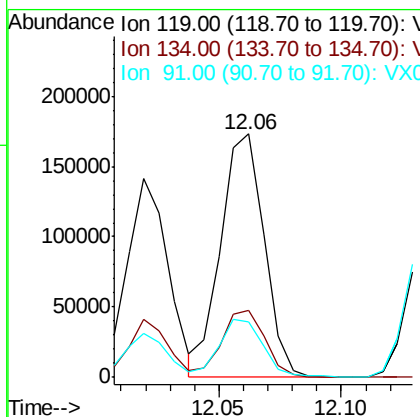
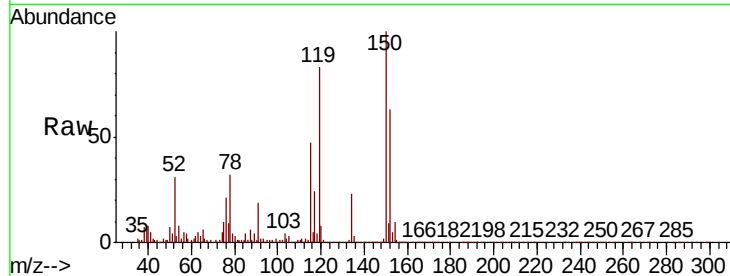




#86
p-Isopropyltoluene
Concen: 7.513 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

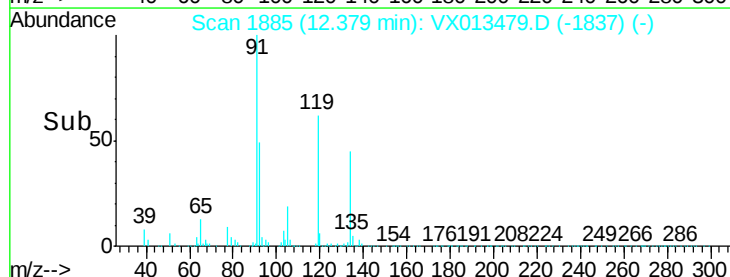
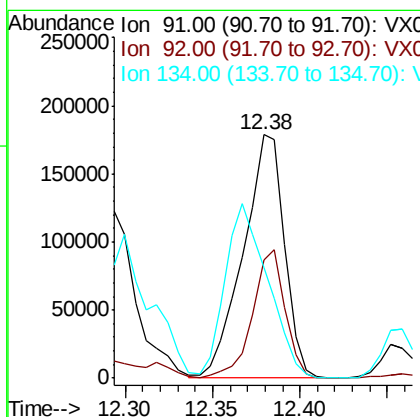
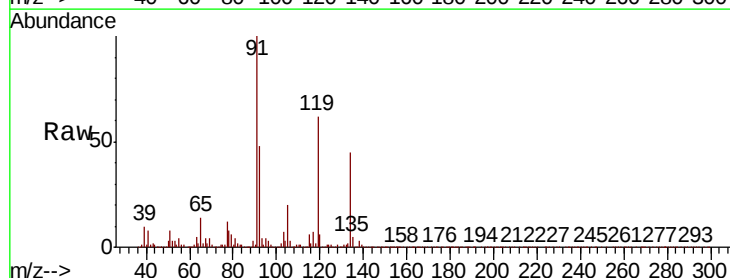
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

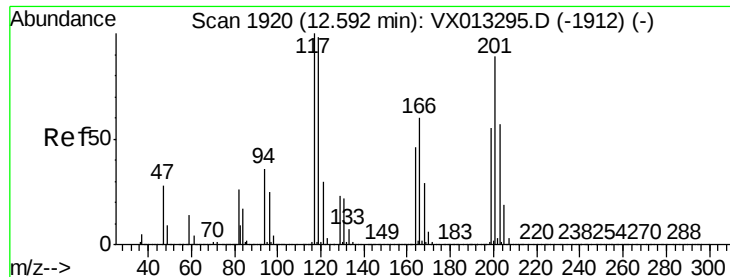
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.3	39.8
91	23.5	11.5	34.4



#89
n-Butylbenzene
Concen: 11.732 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX013479.D
Acq: 20 Nov 2019 15:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	41.6	27.3	81.8
134	74.0	13.5	40.5





#90

Hexachloroethane

Concen: 5.121 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

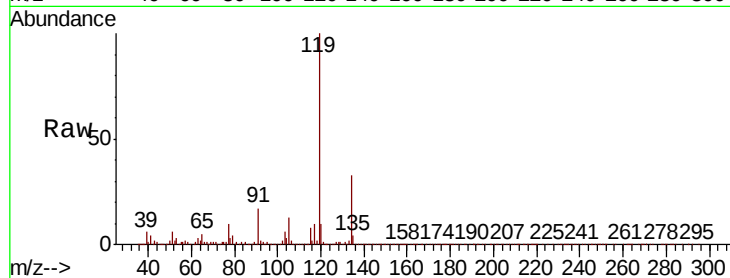
MW-2DL

Tot Ion:117 Resp: 25925

Ion Ratio Lower Upper

117 100

201 0.4 43.9 131.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

25000

20000

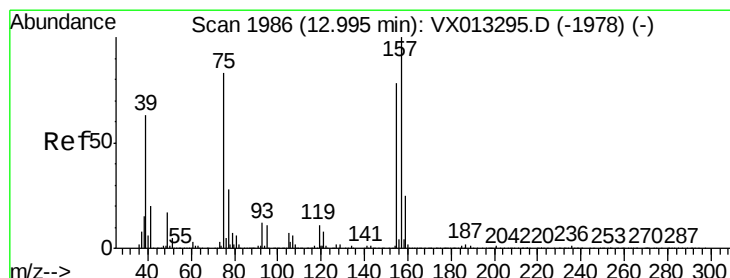
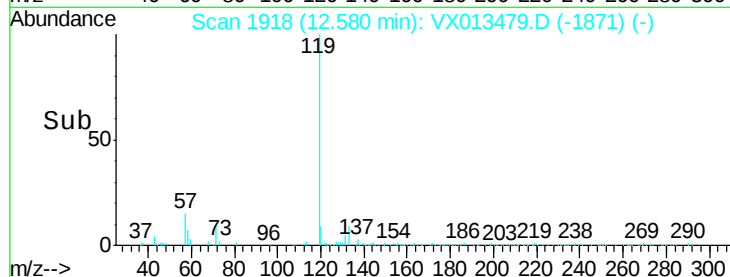
15000

10000

5000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.907 ug/l

RT: 13.01 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

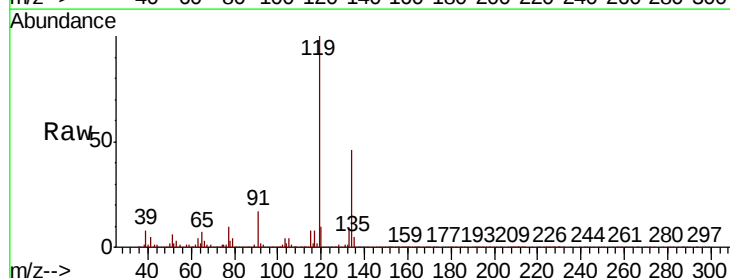
Tgt Ion: 75 Resp: 2581

Ion Ratio Lower Upper

75 100

155 6.9 47.1 141.4#

157 11.5 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

3000

2500

2000

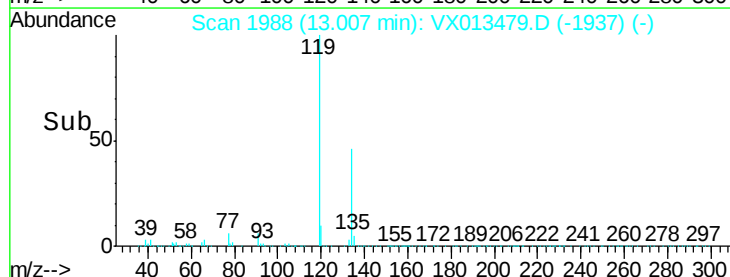
1500

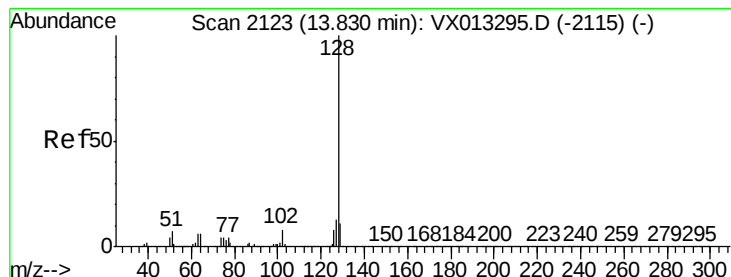
1000

500

0

Time-->





#95

Naphthalene

Concen: 5.651 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013479.D

Acq: 20 Nov 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

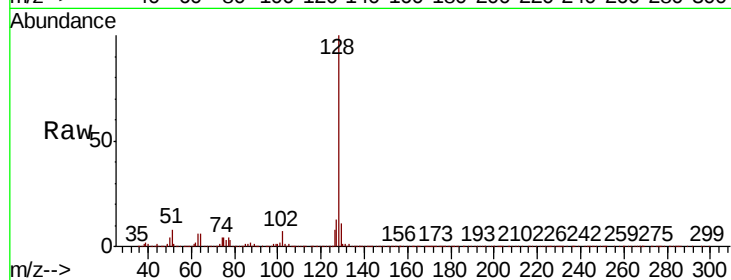
Tot Ion:128 Resp: 188095

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.3 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

