

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013710.D
 Acq On : 29 Nov 2019 18:43
 Operator : JC/SP
 Sample : K6027-04DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Nov 29 22:31:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	628823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	954164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	869117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	449450	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	341809	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
35) Dibromofluoromethane	5.49	113	281728	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	1149186	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.14	95	422586	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2642	0.445	ug/l	83
6) Chloroethane	1.62	64	12575	2.500	ug/l #	50
11) Tert butyl alcohol	3.01	59	9297	5.160	ug/l #	74
13) Acrolein	2.28	56	120	6.101	ug/l #	15
15) Acrylonitrile	3.15	53	2316	0.623	ug/l #	26
16) Acetone	2.44	43	9833	2.729	ug/l	91
18) Methyl Acetate	2.83	43	15372	1.532	ug/l #	55
20) Methylene Chloride	2.84	84	2676	0.387	ug/l #	71
31) Cyclohexane	5.58	56	21325	1.978	ug/l #	81
36) 1,1-Dichloropropene	5.65	75	42185	4.870	ug/l #	51
38) Carbon Tetrachloride	5.65	117	53925	6.752	ug/l #	17
39) Methylcyclohexane	7.45	83	30147	2.816	ug/l	86
40) Benzene	6.13	78	392010	14.860	ug/l	99
44) Trichloroethene	7.20	130	1657	0.229	ug/l	86
48) Methyl methacrylate	7.73	41	6505	0.837	ug/l #	44
49) 1,4-Dioxane	7.75	88	311	1.788	ug/l #	7
52) Toluene	8.78	92	123879	7.559	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	18447	2.793	ug/l #	19
56) Ethyl methacrylate	9.16	69	4635	0.437	ug/l #	27
58) 2-Chloroethyl Vinyl ether	8.38	63	1074	0.258	ug/l	96
64) Tetrachloroethene	9.33	164	2643	0.408	ug/l #	80
67) Ethyl Benzene	10.25	91	2070876	66.786	ug/l	99
68) m/p-Xylenes	10.35	106	971371	81.824	ug/l	98
69) o-Xylene	10.70	106	152210	13.146	ug/l	97
70) Styrene	10.70	104	9404	0.483	ug/l #	1
73) Isopropylbenzene	11.01	105	130754	4.147	ug/l	100
76) 1,2,3-Trichloropropane	11.14	75	205622	20.341	ug/l #	39
78) n-propylbenzene	11.35	91	347377	9.870	ug/l	100
79) 2-Chlorotoluene	11.45	91	41444	1.963	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	148131	5.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	205622	55.648	ug/l #	11
82) 4-Chlorotoluene	11.50	91	15461	0.632	ug/l #	50
83) tert-Butylbenzene	11.81	119	270017	10.282	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	2125838	81.063	ug/l	98

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QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

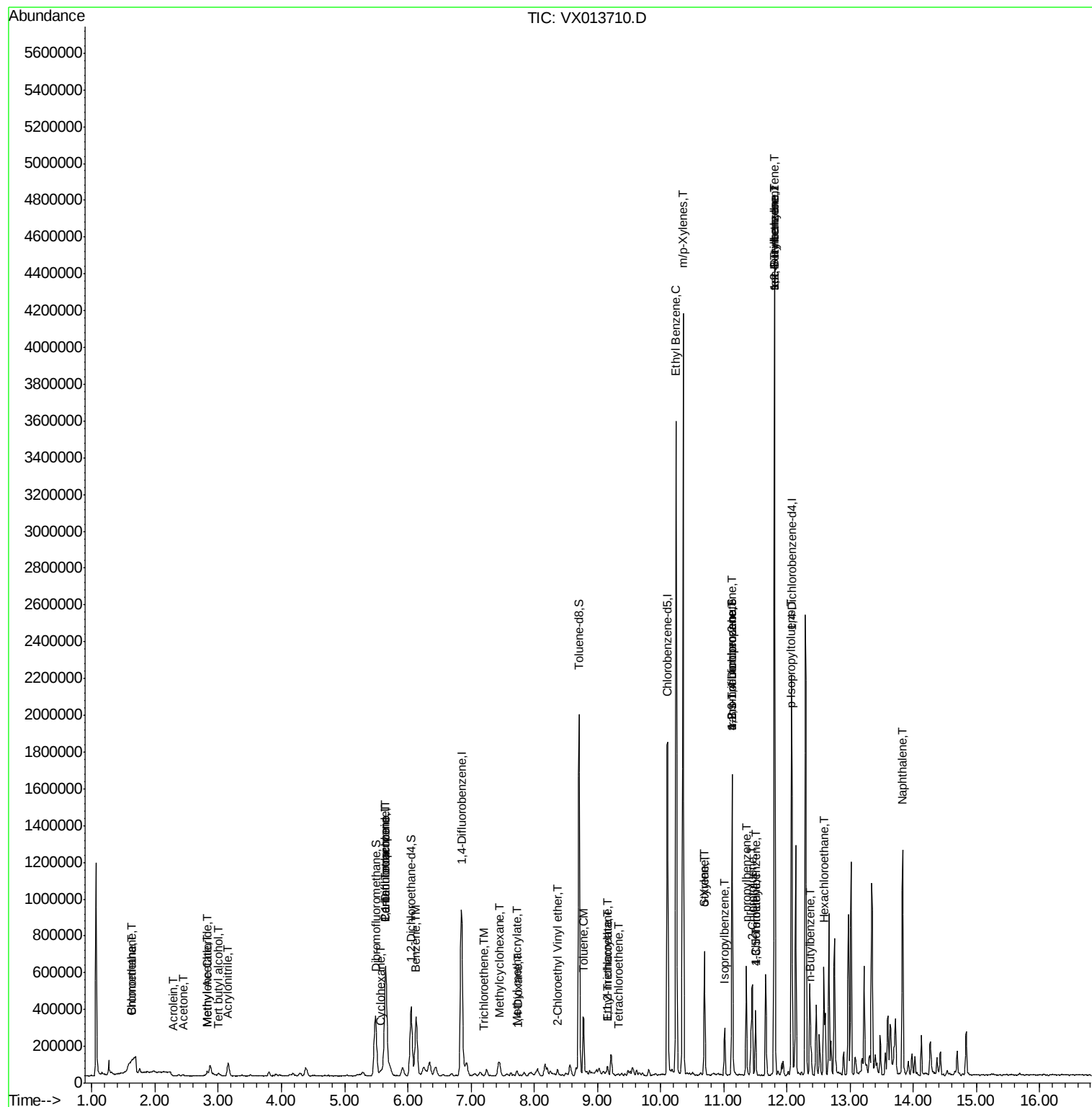
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.81	105	2125871	70.874	ug/l #	55
86) p-Isopropyltoluene	12.06	119	26251	0.941	ug/l	92
89) n-Butylbenzene	12.38	91	74355	3.124	ug/l #	68
90) Hexachloroethane	12.58	117	37159	7.367	ug/l #	6
95) Naphthalene	13.83	128	751881	24.696	ug/l	100

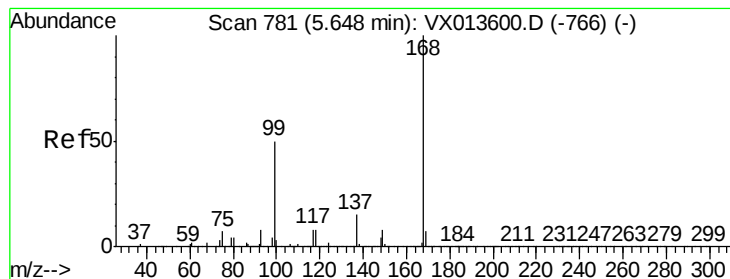
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

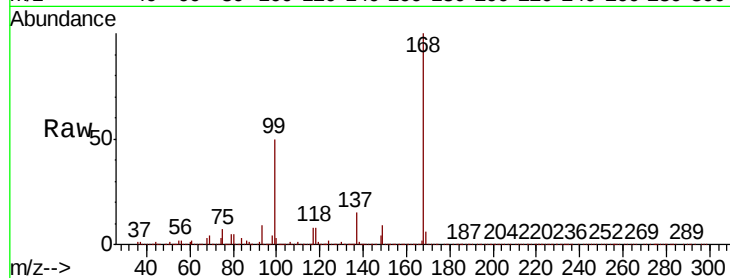
MW-3DL

Tot Ion:168 Resp: 628823

Ion Ratio Lower Upper

168 100

99 50.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

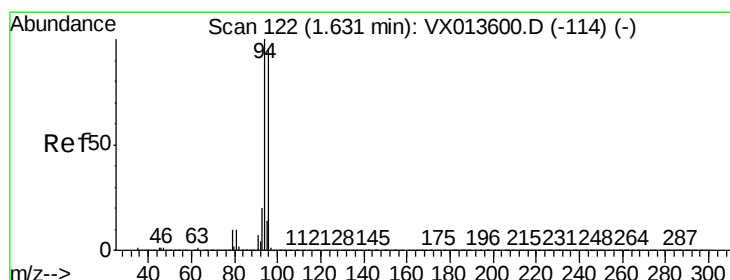
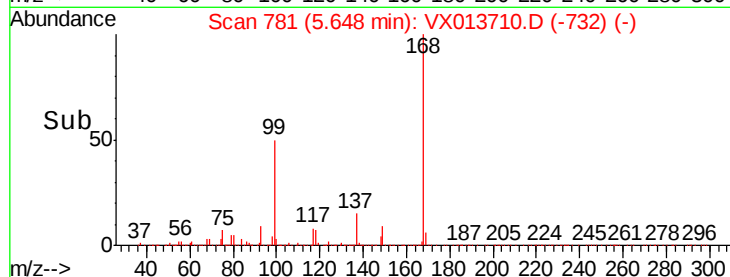
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.445 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013710.D

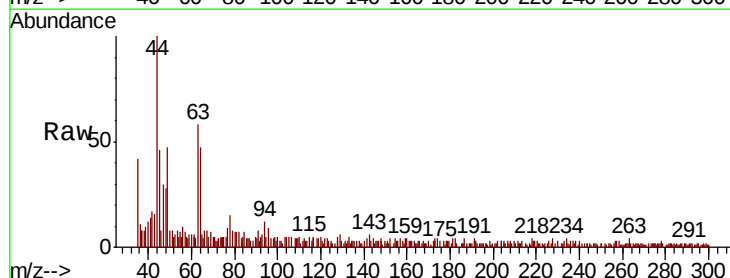
Acq: 29 Nov 2019 18:43

Tgt Ion: 94 Resp: 2642

Ion Ratio Lower Upper

94 100

96 79.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

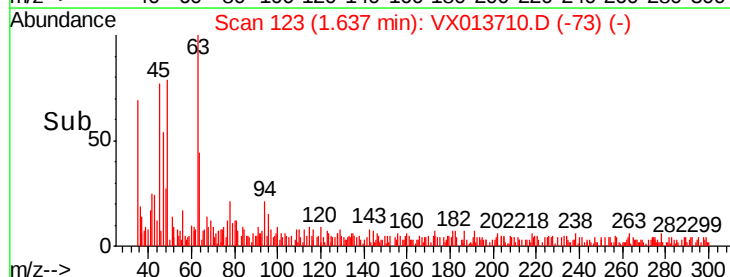
1500

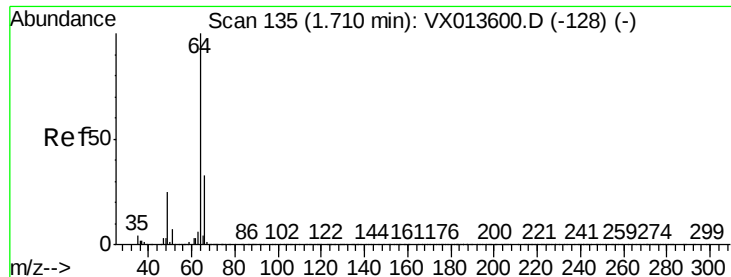
1000

500

0

Time-->





#6

Chloroethane

Concen: 2.500 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.09 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

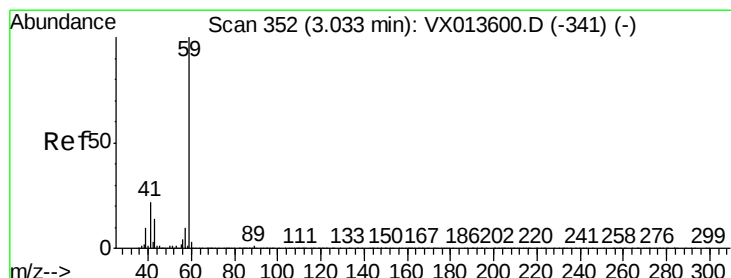
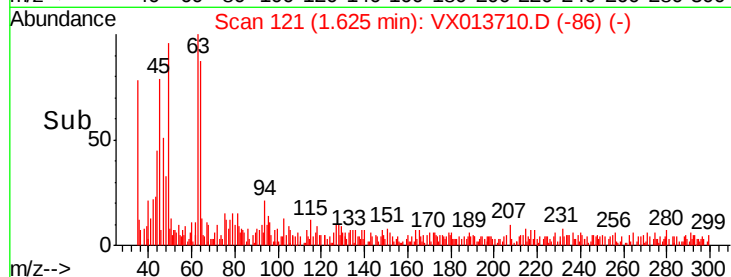
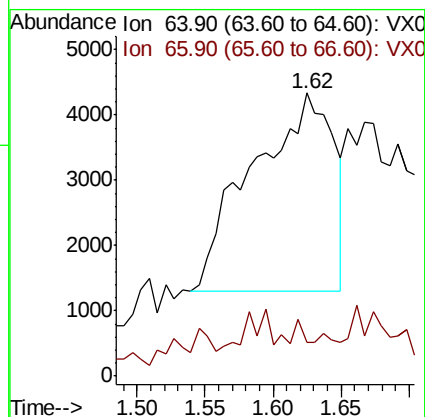
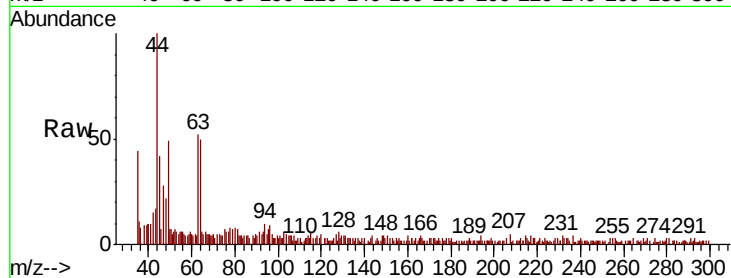
MW-3DL

Tot Ion: 64 Resp: 12575

Ion Ratio Lower Upper

64 100

66 5.1 26.7 40.1#



#11

Tert butyl alcohol

Concen: 5.160 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.02 min

Lab File: VX013710.D

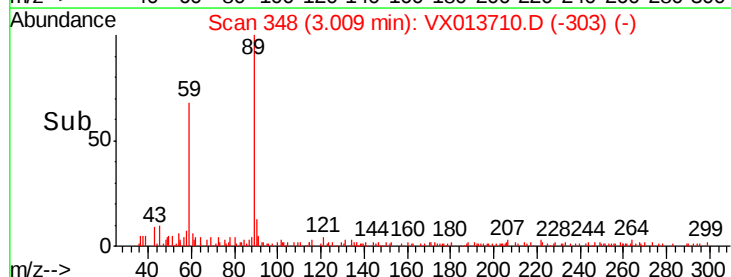
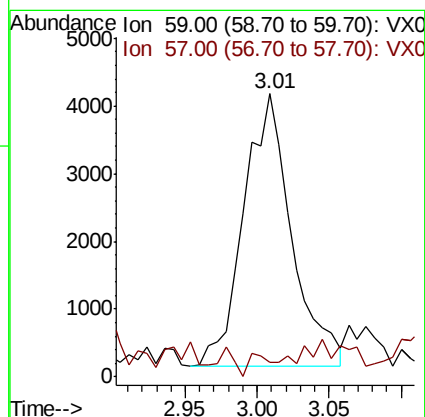
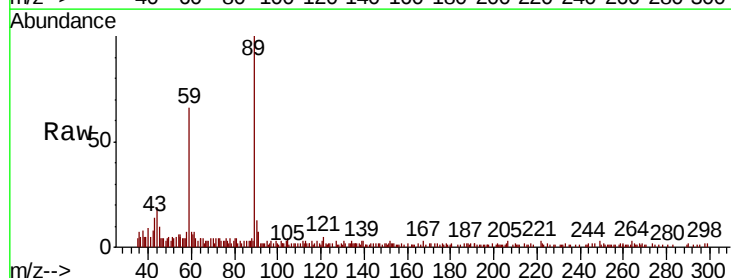
Acq: 29 Nov 2019 18:43

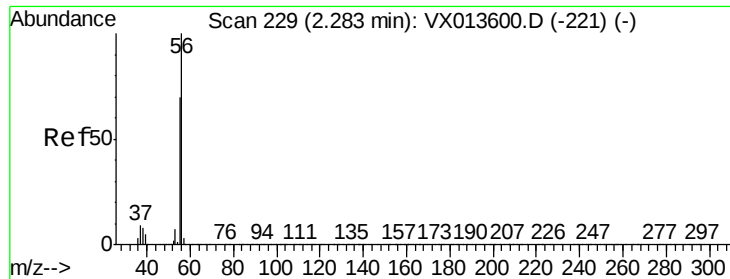
Tgt Ion: 59 Resp: 9297

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#





#13

Acrolein

Concen: 6.101 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

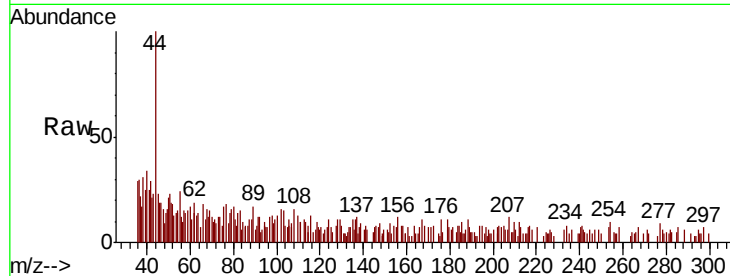
MW-3DL

Tot Ion: 56 Resp: 120

Ion Ratio Lower Upper

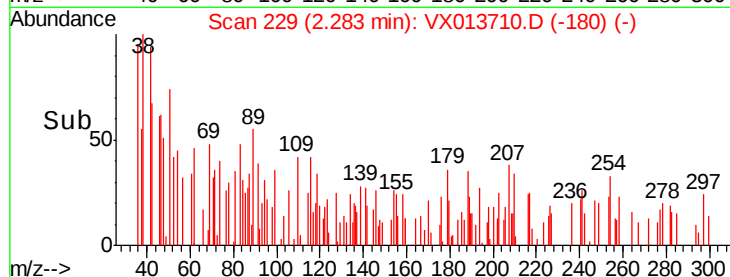
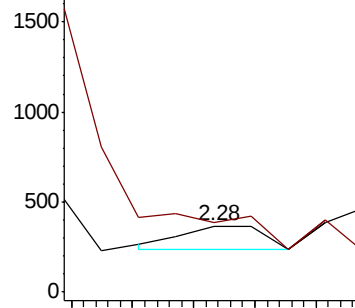
56 100

55 0.0 56.2 84.4#

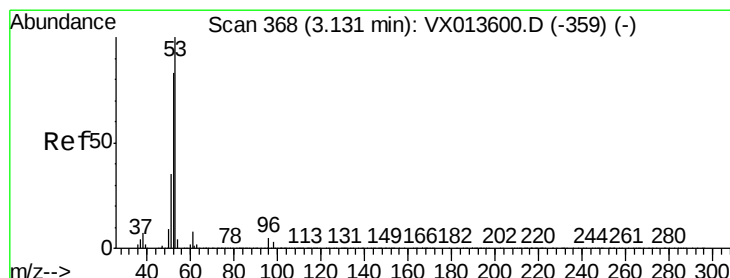


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#15

Acrylonitrile

Concen: 0.623 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.02 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

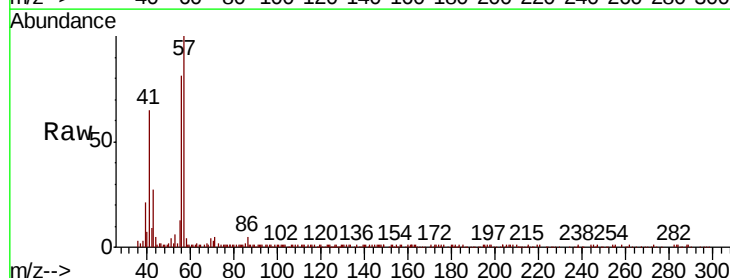
Tgt Ion: 53 Resp: 2316

Ion Ratio Lower Upper

53 100

52 19.6 66.2 99.2#

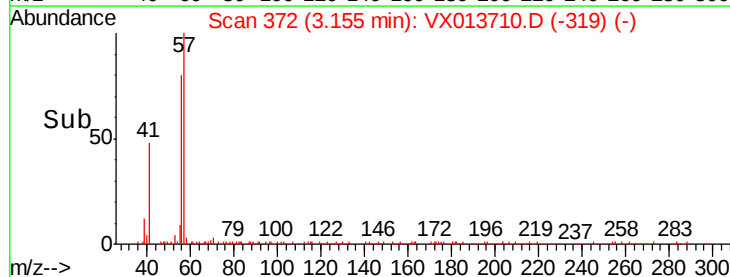
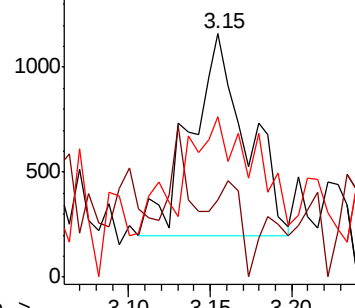
51 85.2 29.0 43.6#



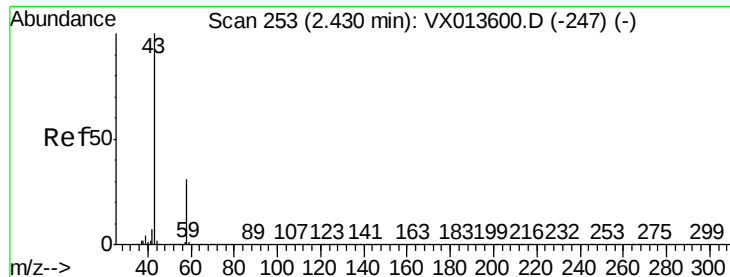
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 2.729 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

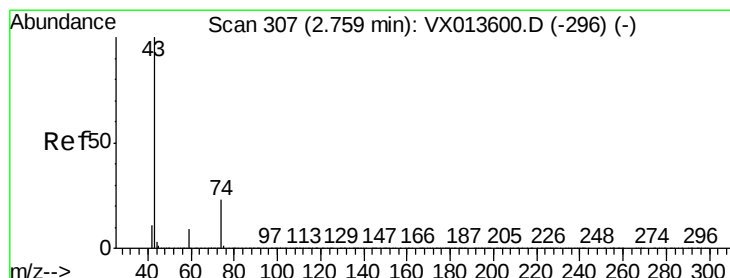
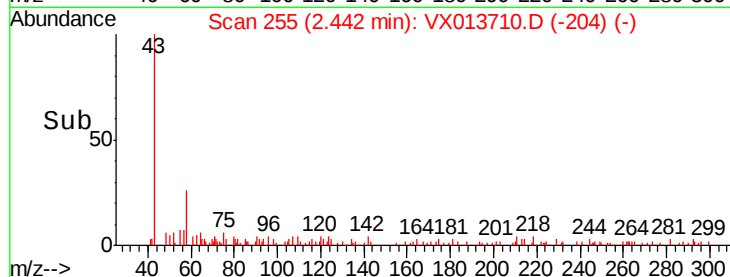
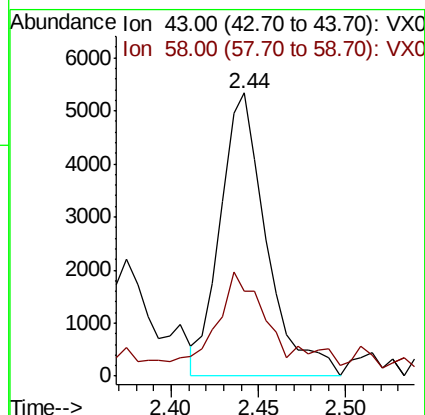
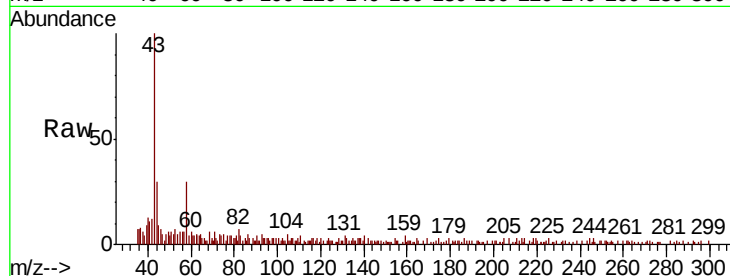
MW-3DL

Tot Ion: 43 Resp: 9833

Ion Ratio Lower Upper

43 100

58 26.0 24.6 36.8



#18

Methyl Acetate

Concen: 1.532 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.07 min

Lab File: VX013710.D

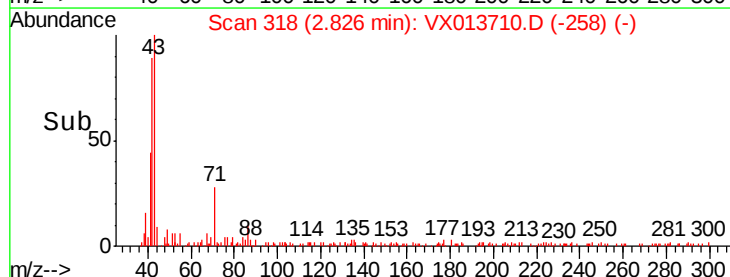
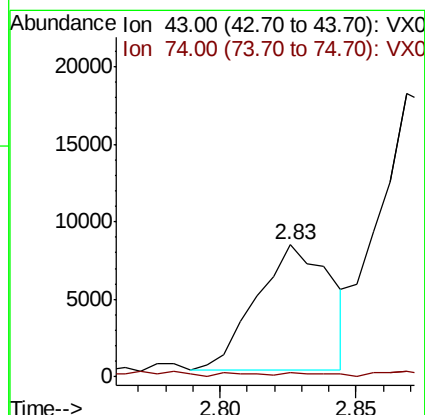
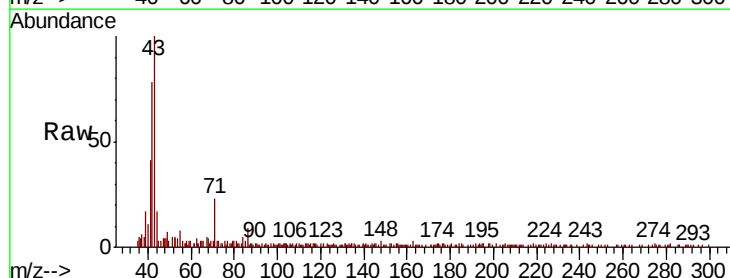
Acq: 29 Nov 2019 18:43

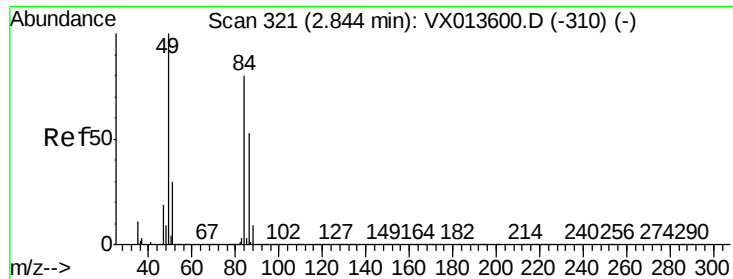
Tgt Ion: 43 Resp: 15372

Ion Ratio Lower Upper

43 100

74 2.2 19.5 29.3#

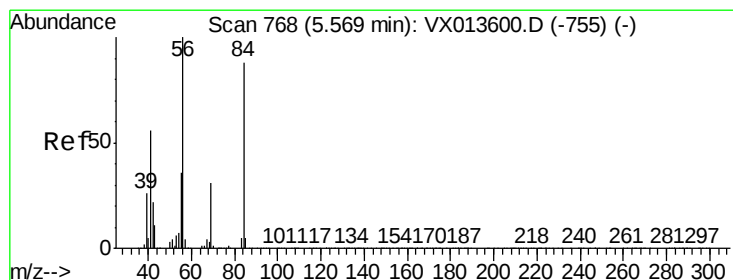
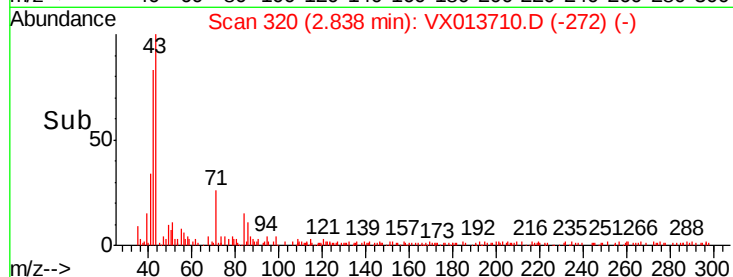
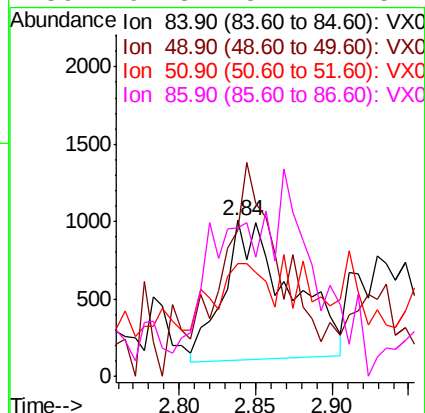
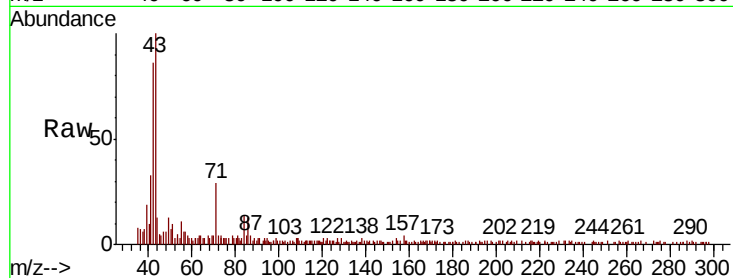




#20
Methvlene Chloride
Concen: 0.387 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

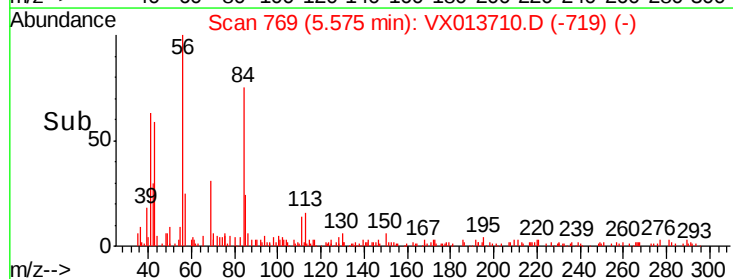
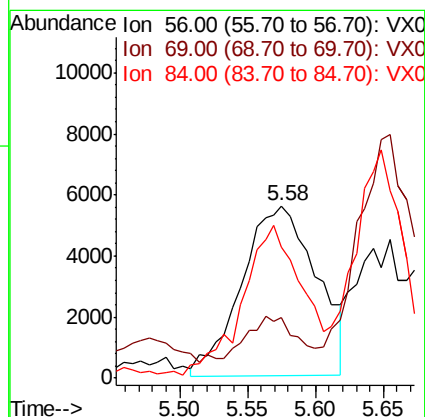
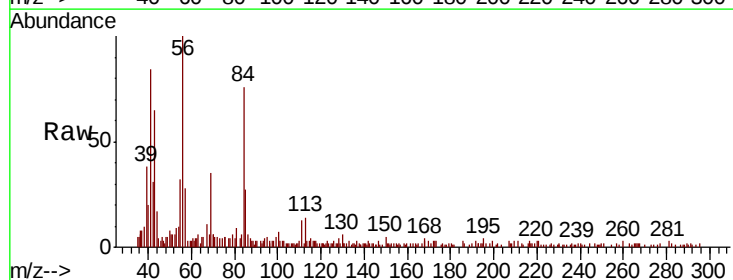
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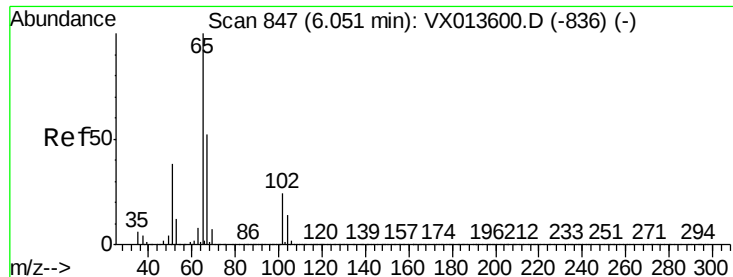
Tot Ion: 84 Resp: 2676
Ion Ratio Lower Upper
84 100
49 96.5 99.7 149.5#
51 58.4 29.9 44.9#
86 91.8 52.2 78.4#



#31
Cyclohexane
Concen: 1.978 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion: 56 Resp: 21325
Ion Ratio Lower Upper
56 100
69 22.1 24.6 36.8#
84 68.8 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 46.828 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

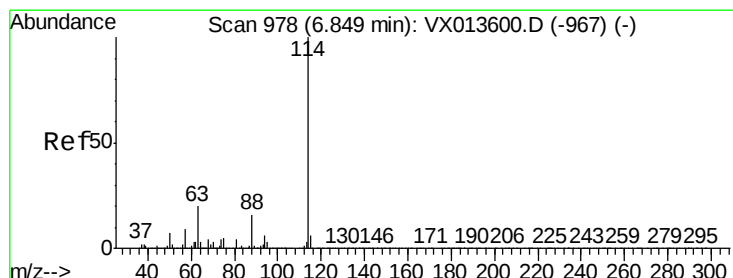
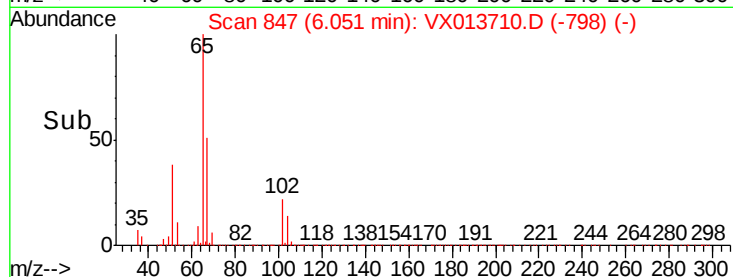
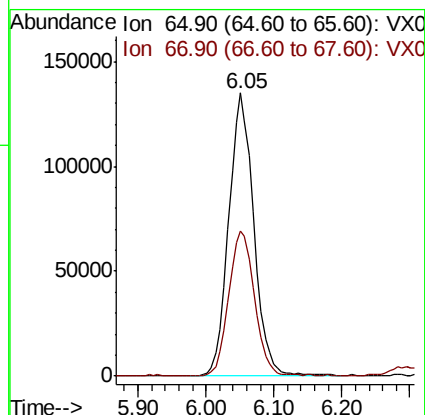
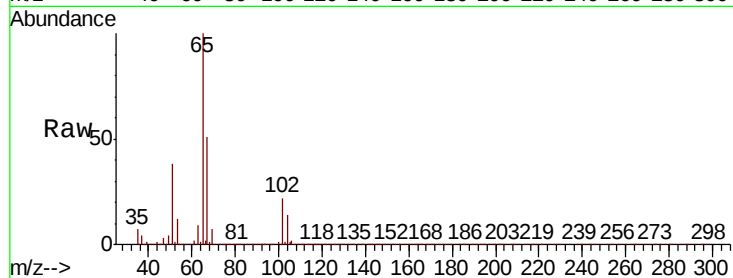
MW-3DL

Tot Ion: 65 Resp: 341809

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

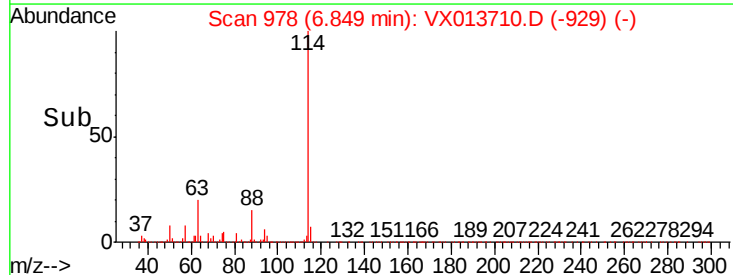
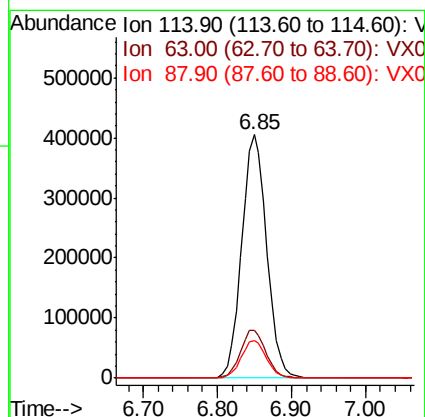
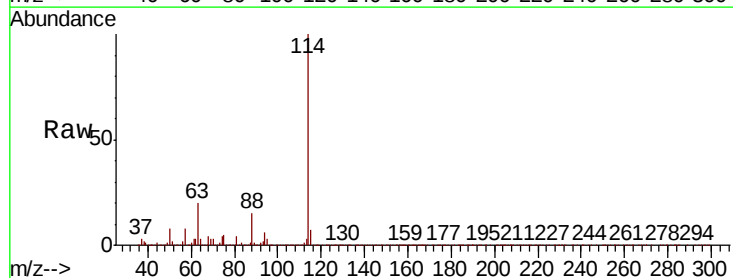
Tgt Ion: 114 Resp: 954164

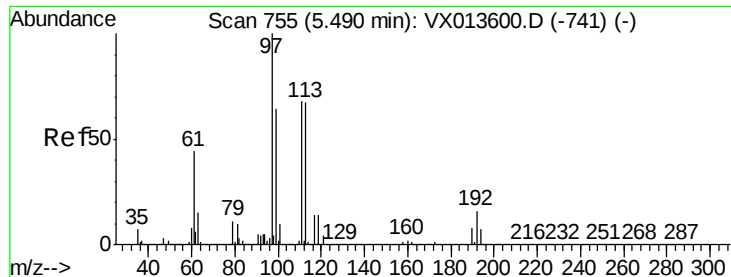
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.761 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

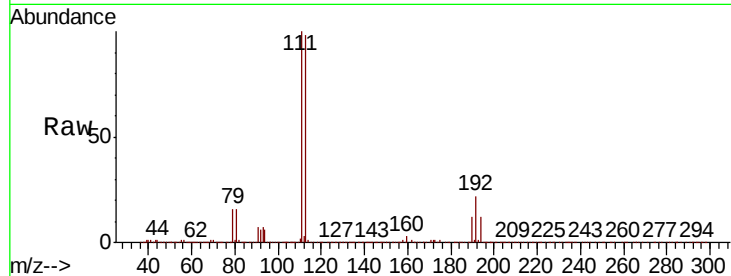
Tot Ion:113 Resp: 281728

Ion Ratio Lower Upper

113 100

111 101.4 83.6 125.4

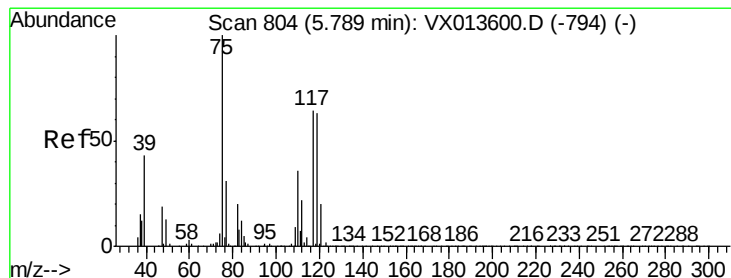
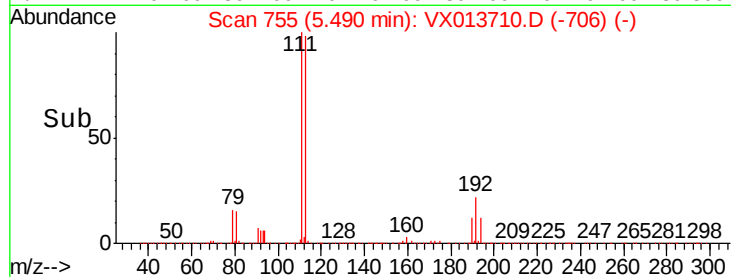
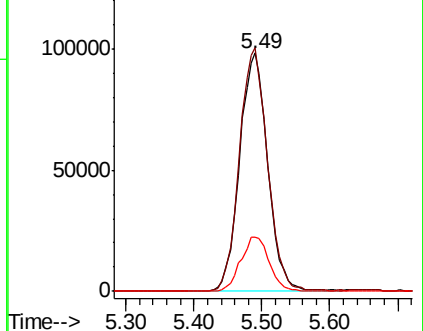
192 23.3 19.2 28.8



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: 4.870 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

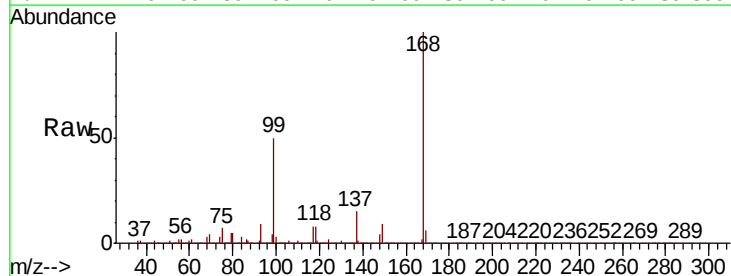
Tgt Ion: 75 Resp: 42185

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.1#

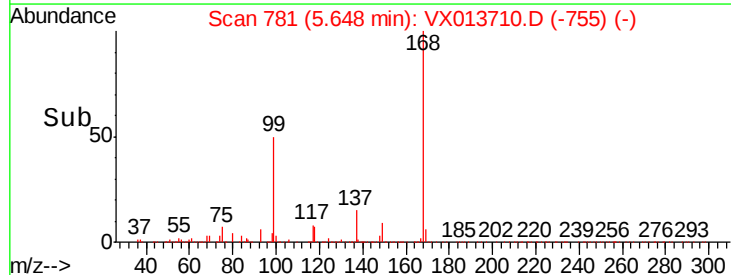
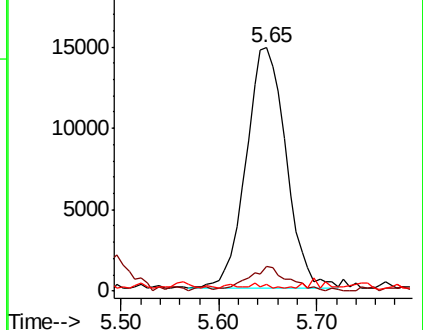
77 0.8 24.5 36.7#

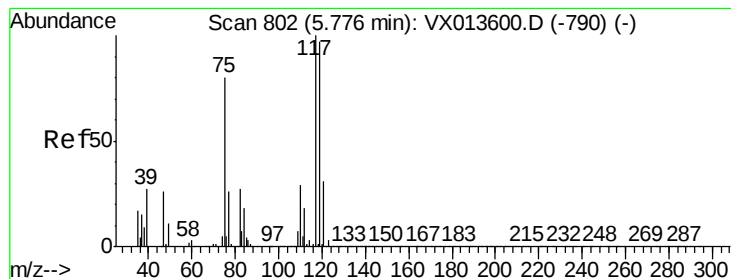


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.752 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

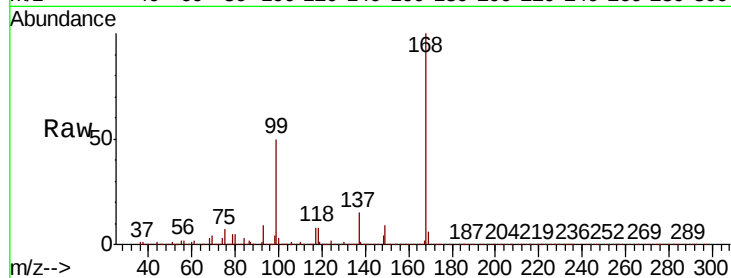
Tot Ion:117 Resp: 53925

Ion Ratio Lower Upper

117 100

119 5.4 77.5 116.3#

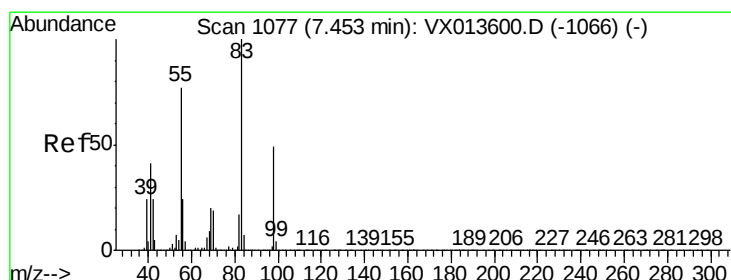
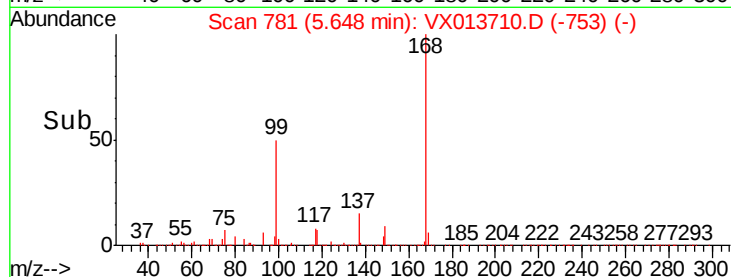
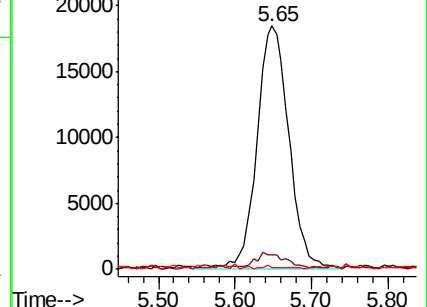
121 2.2 25.0 37.6#



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: 2.816 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

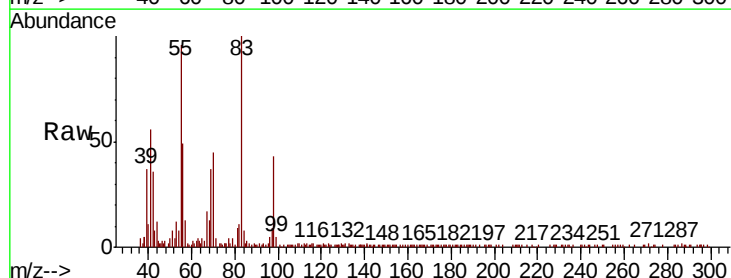
Tgt Ion: 83 Resp: 30147

Ion Ratio Lower Upper

83 100

55 90.8 61.9 92.9

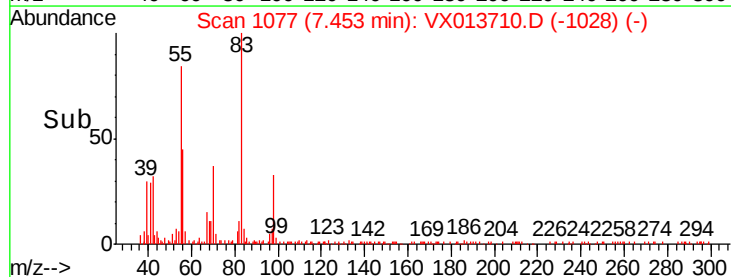
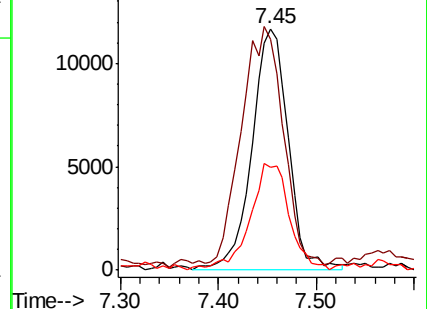
98 41.7 39.4 59.0

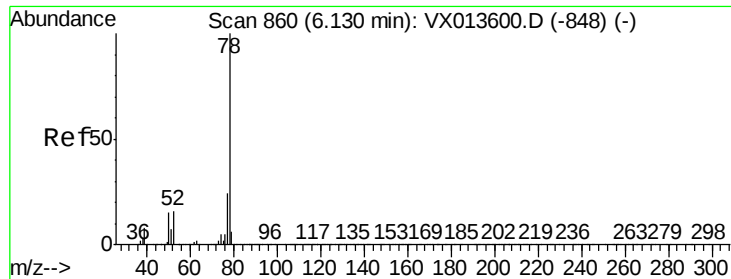


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 14.860 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

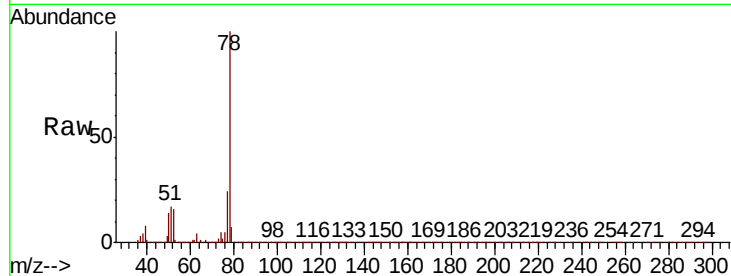
MW-3DL

Tot Ion: 78 Resp: 392010

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.13

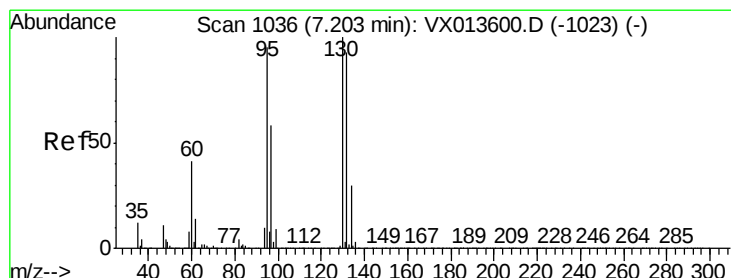
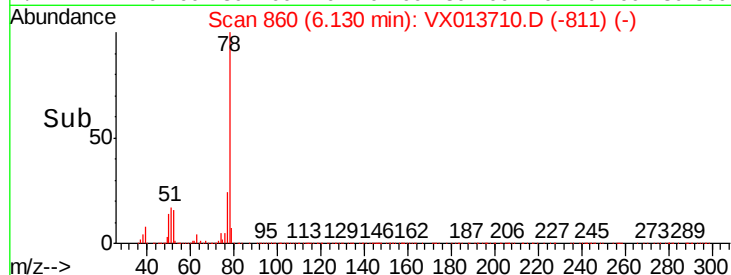
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 0.229 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013710.D

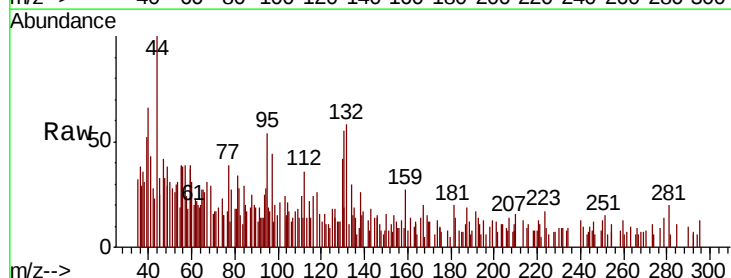
Acq: 29 Nov 2019 18:43

Tgt Ion:130 Resp: 1657

Ion Ratio Lower Upper

130 100

95 82.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

1000

800

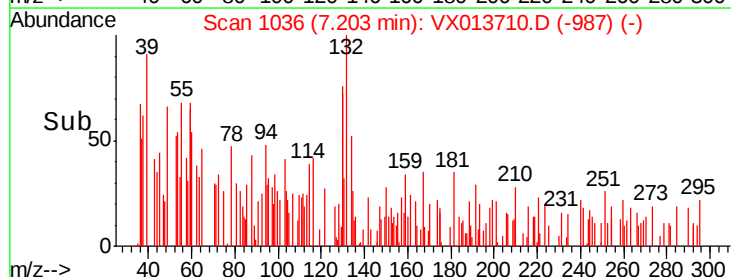
600

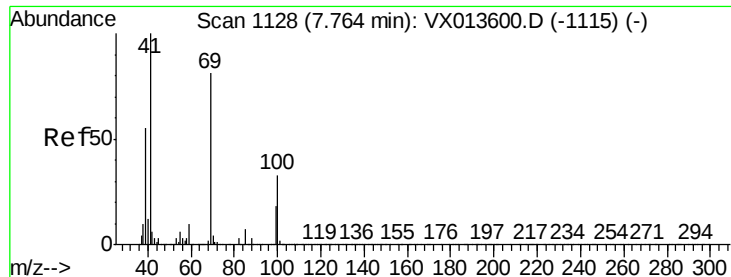
400

200

0

Time-->

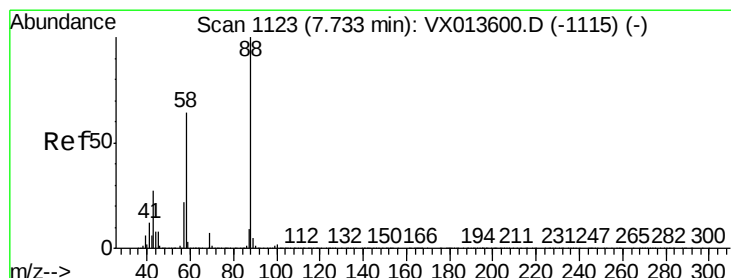
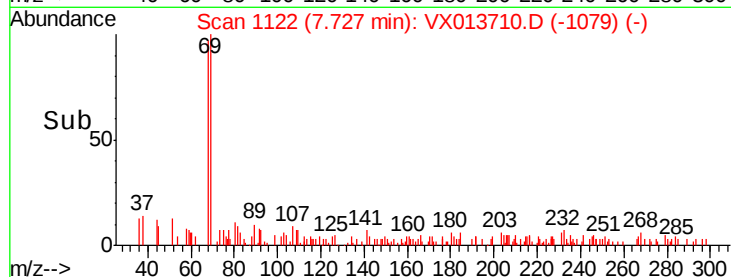
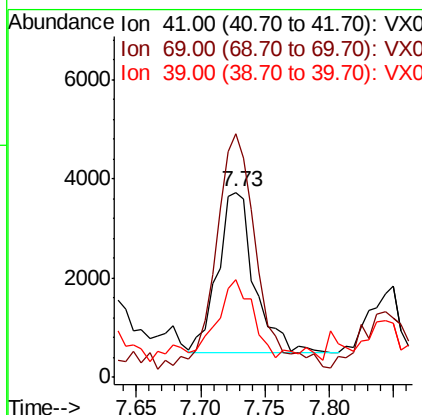
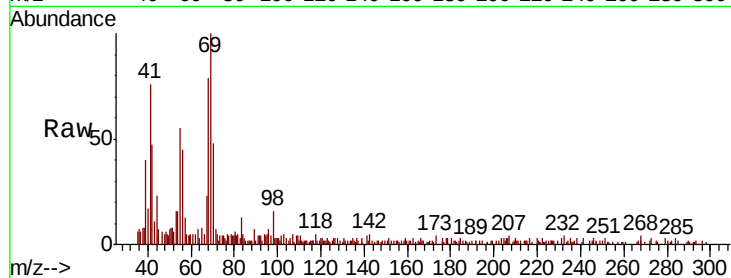




#48
Methvl methacrylate
Concen: 0.837 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

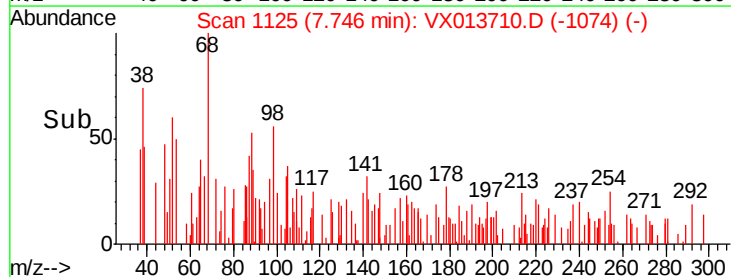
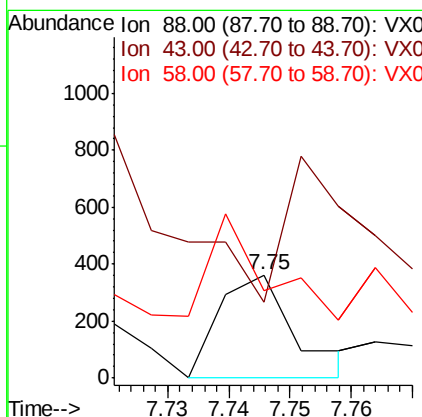
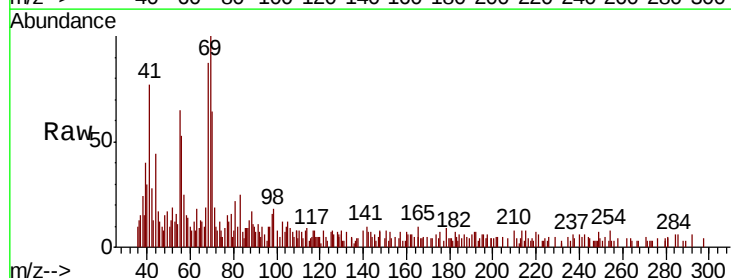
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

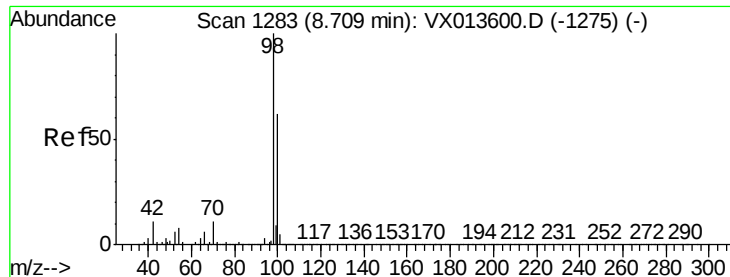
Tot Ion	Ratio	Lower	Upper
41	100		
69	159.2	64.7	97.1#
39	48.1	43.8	65.6



#49
1,4-Dioxane
Concen: 1.788 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion	Ratio	Lower	Upper
88	100		
43	153.1	25.8	38.6#
58	96.1	54.6	82.0#





#50

Toluene-d8

Concen: 50.003 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

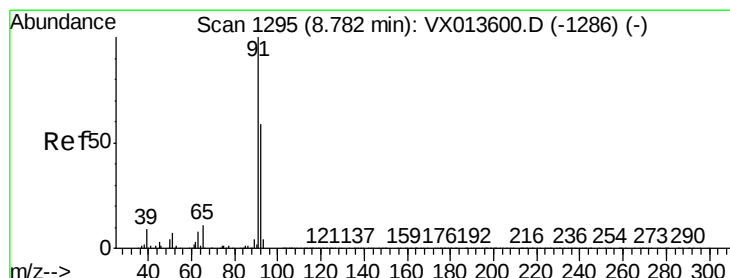
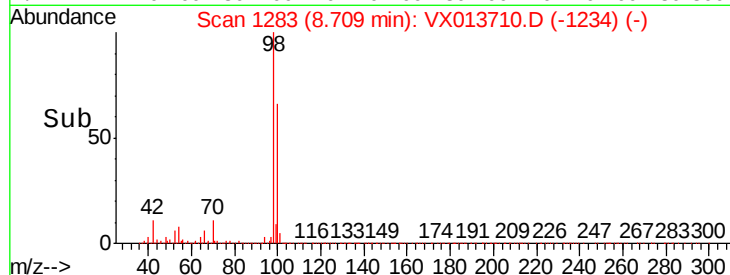
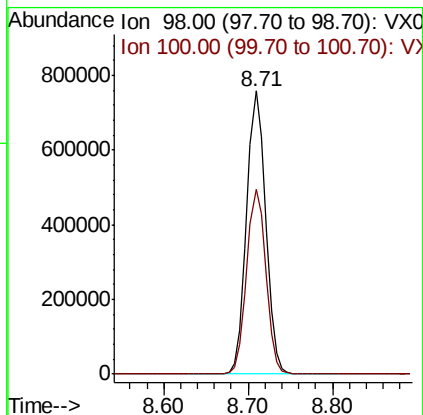
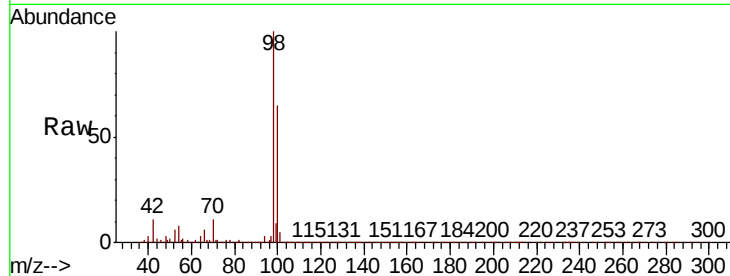
MW-3DL

Tot Ion: 98 Resp: 1149186

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#52

Toluene

Concen: 7.559 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013710.D

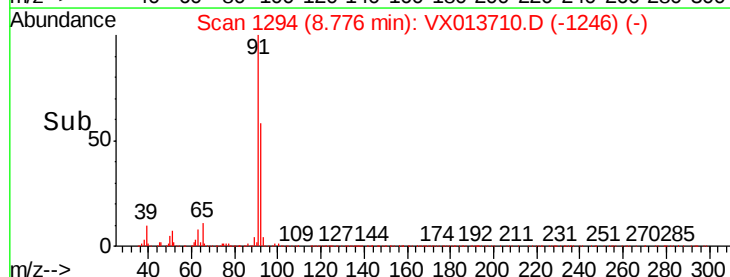
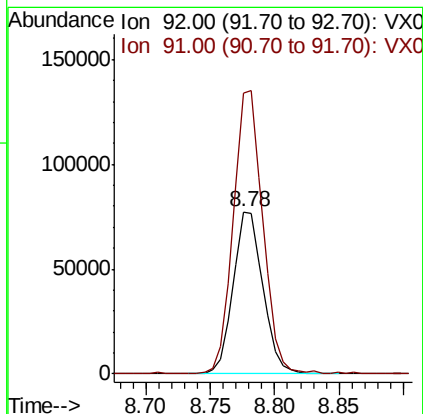
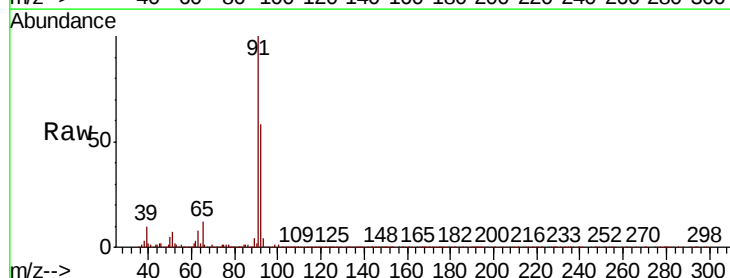
Acq: 29 Nov 2019 18:43

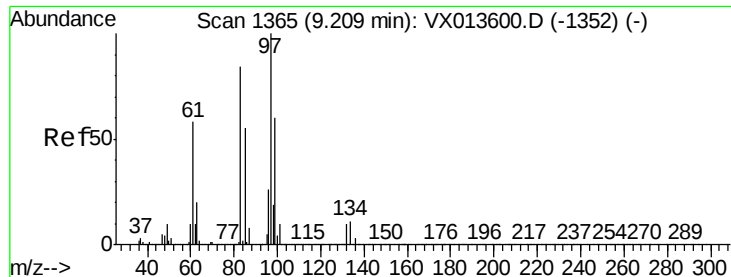
Tgt Ion: 92 Resp: 123879

Ion Ratio Lower Upper

92 100

91 173.0 136.2 204.2

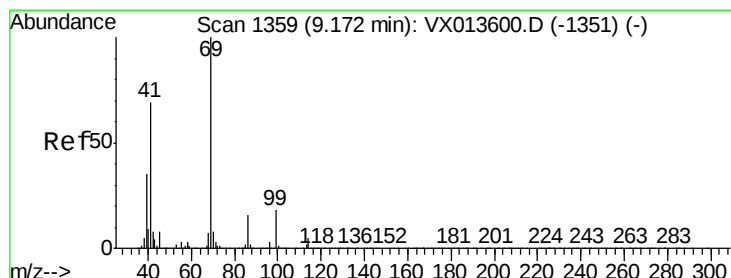
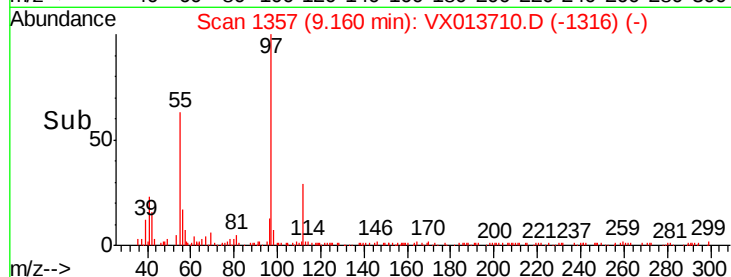
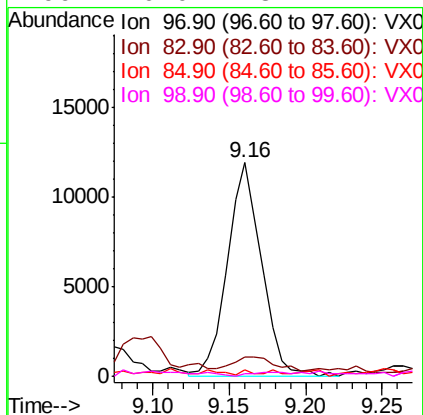
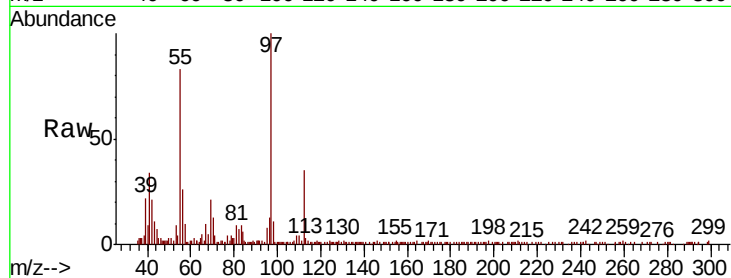




#55
 1,1,2-Trichloroethane
 Concen: 2.793 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

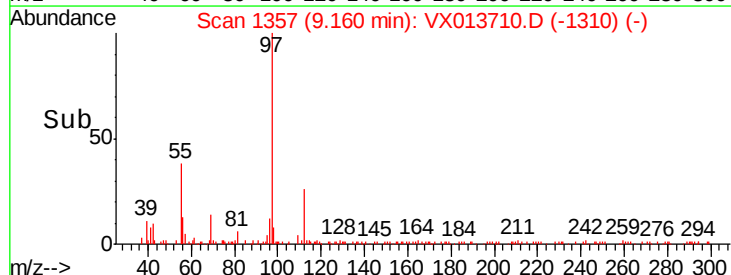
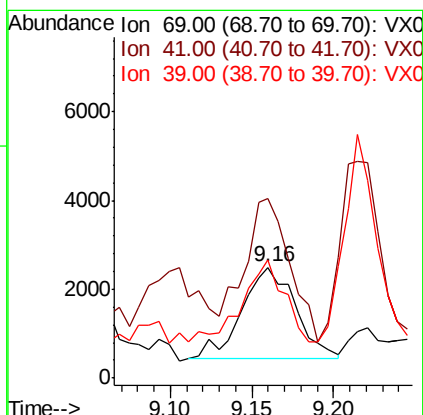
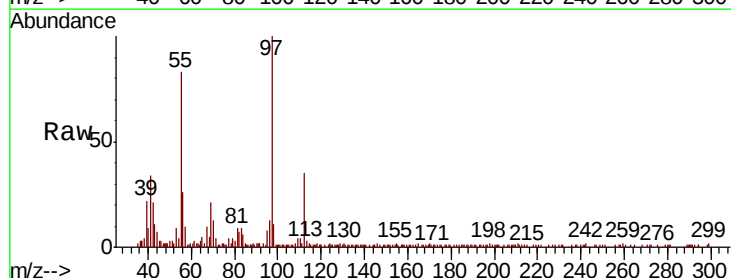
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

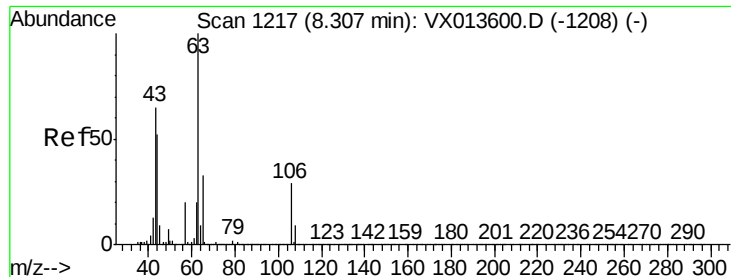
Tot Ion:	97	Resp:	18447
Ion	Ratio	Lower	Upper
97	100		
83	5.5	67.3	100.9#
85	1.9	43.6	65.4#
99	0.0	48.2	72.4#



#56
 Ethyl methacrylate
 Concen: 0.437 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

Tgt Ion:	69	Resp:	4635
Ion	Ratio	Lower	Upper
69	100		
41	134.5	55.0	82.4#
39	69.8	28.7	43.1#

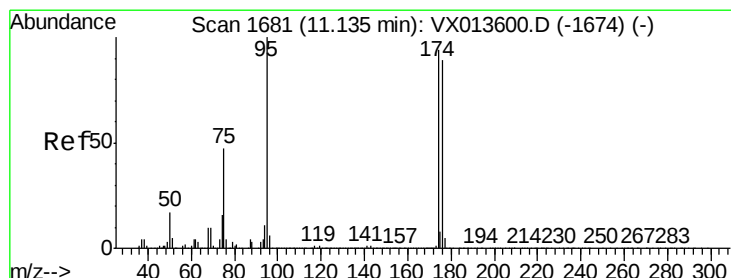
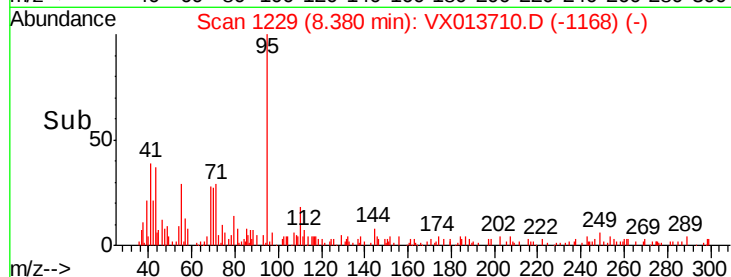
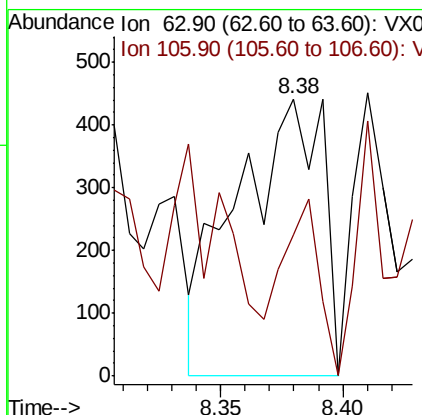
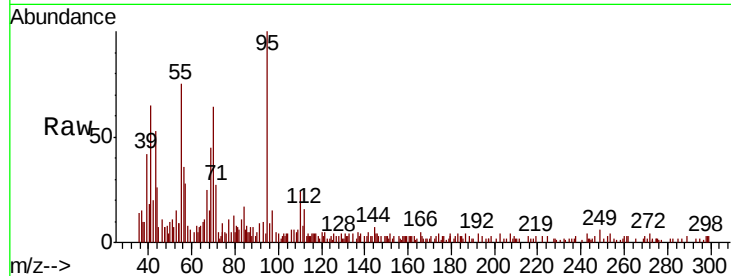




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.258 ug/l
 RT: 8.38 min Scan# 1229
 Delta R.T. 0.07 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

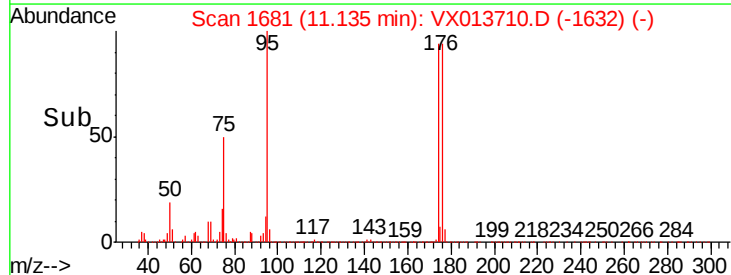
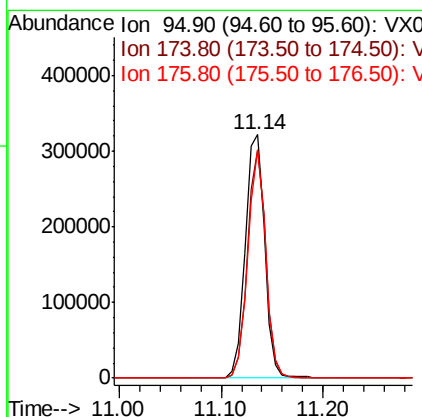
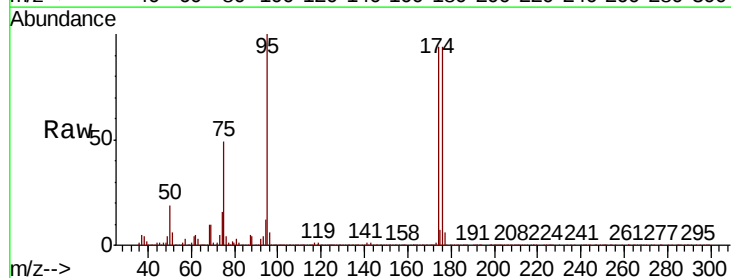
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3DL

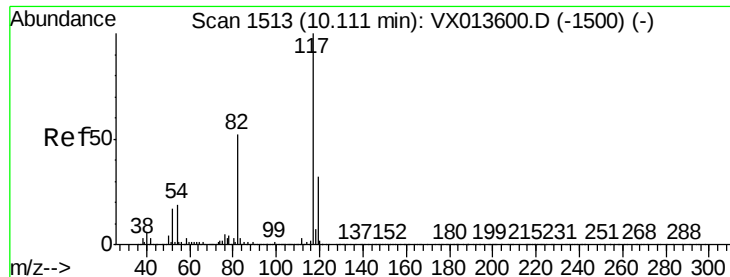
Tot Ion: 63 Resp: 1074
 Ion Ratio Lower Upper
 63 100
 106 27.0 23.4 35.0



#62
 4-Bromofluorobenzene
 Concen: 50.991 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

Tgt Ion: 95 Resp: 422586
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 180.0
 176 87.4 0.0 173.6

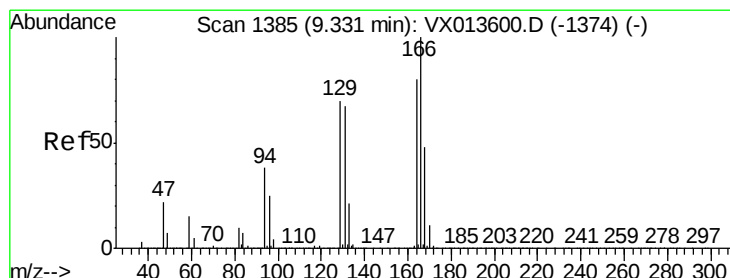
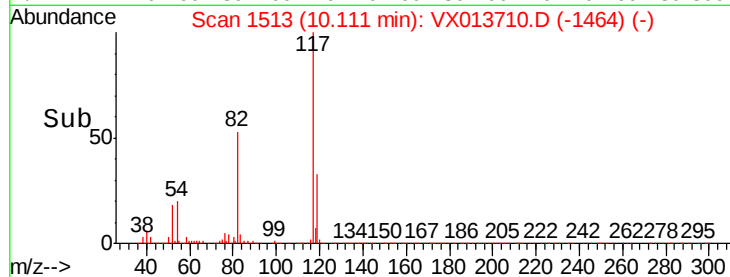
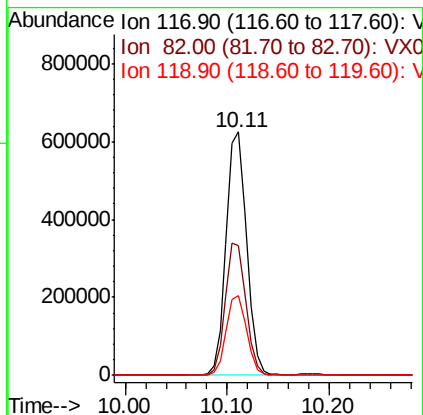
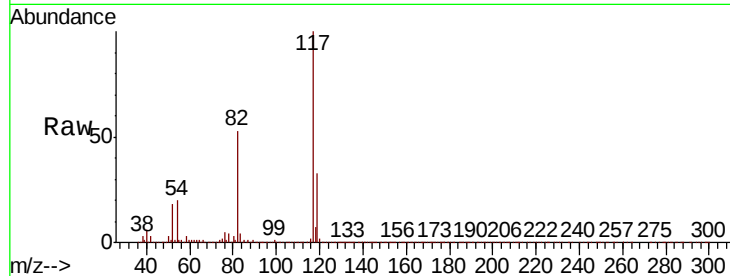




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

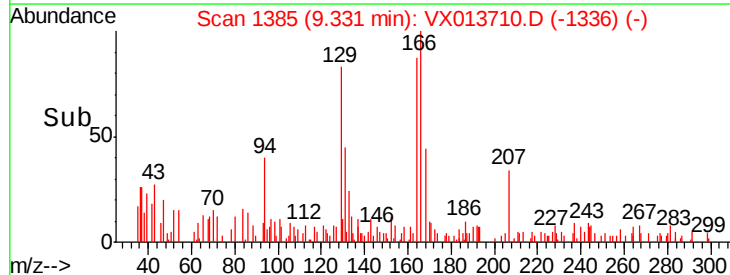
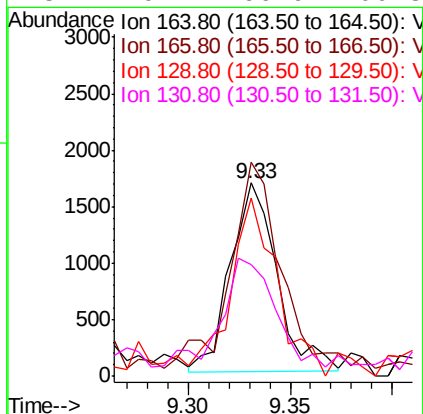
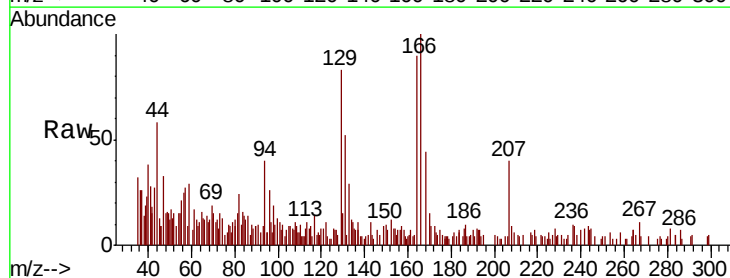
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

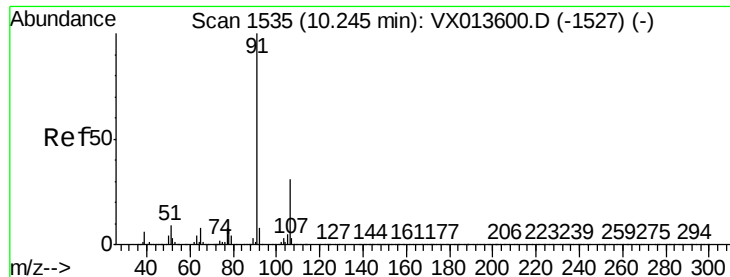
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.8
119	32.6	25.8	38.8



#64
Tetrachloroethene
Concen: 0.408 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	103.2	99.7	149.5
129	84.3	70.1	105.1
131	49.4	66.9	100.3#





#67

Ethyl Benzene

Concen: 66.786 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

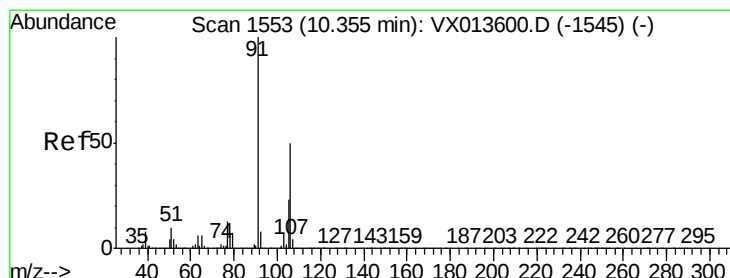
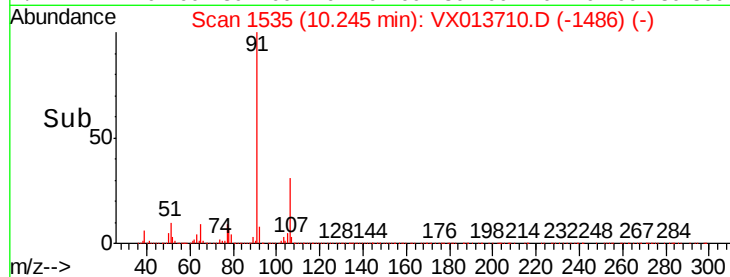
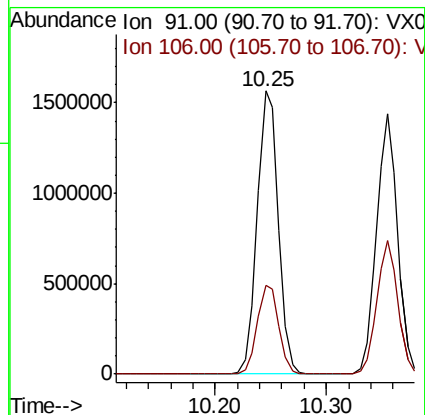
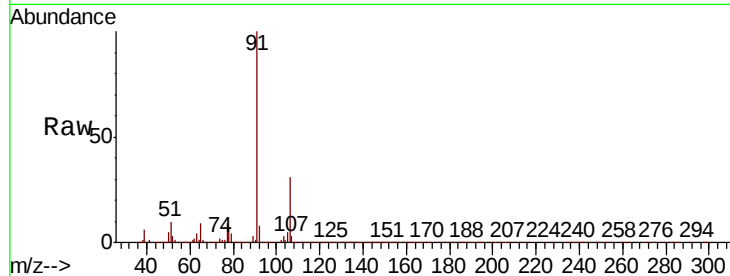
MW-3DL

Tot Ion: 91 Resp: 2070876

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 81.824 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013710.D

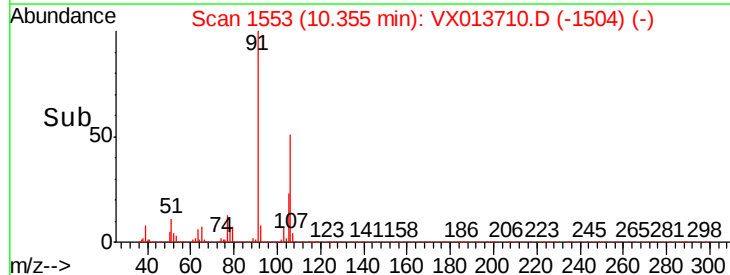
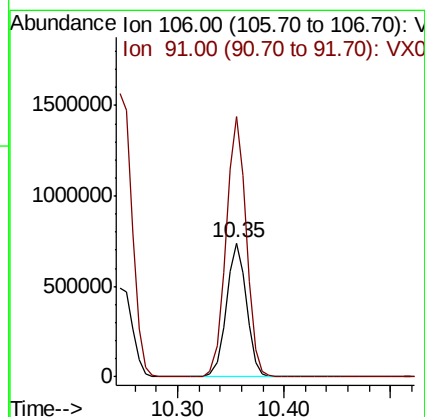
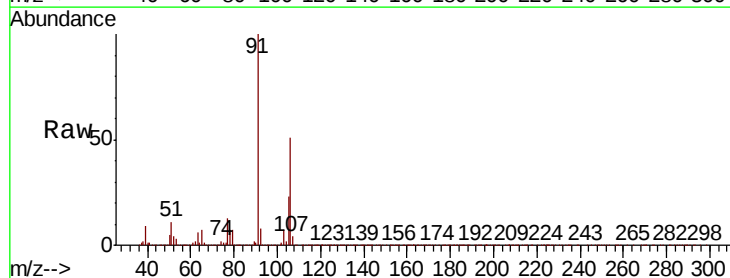
Acq: 29 Nov 2019 18:43

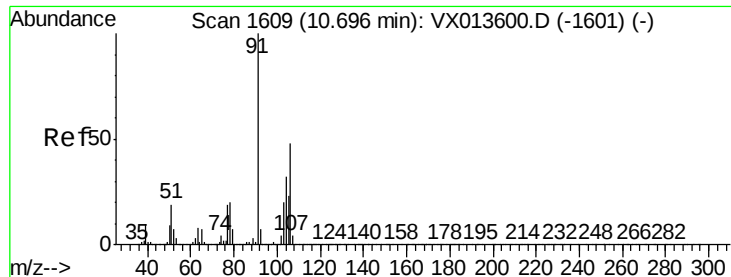
Tgt Ion: 106 Resp: 971371

Ion Ratio Lower Upper

106 100

91 196.3 159.0 238.4

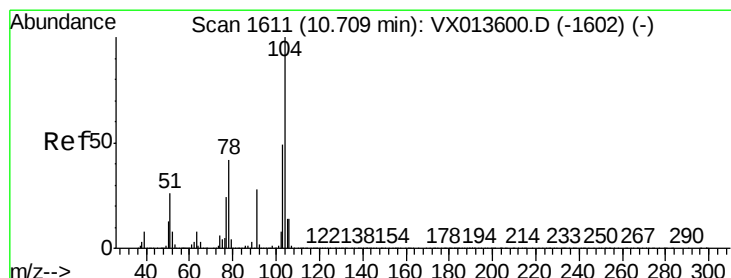
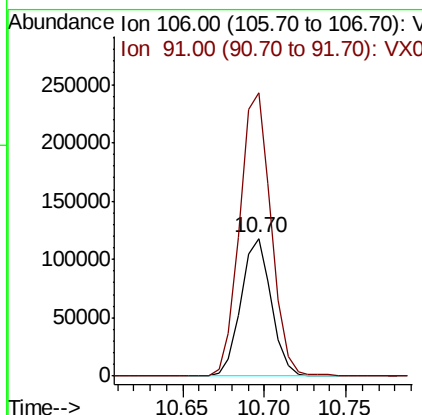
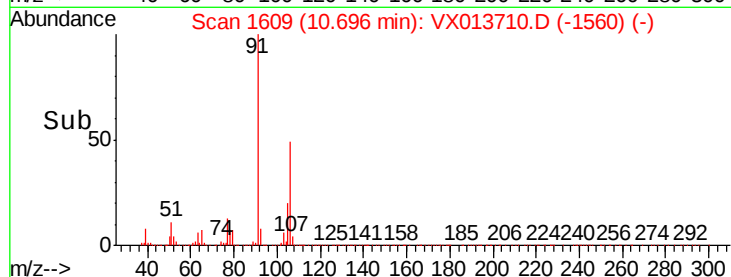
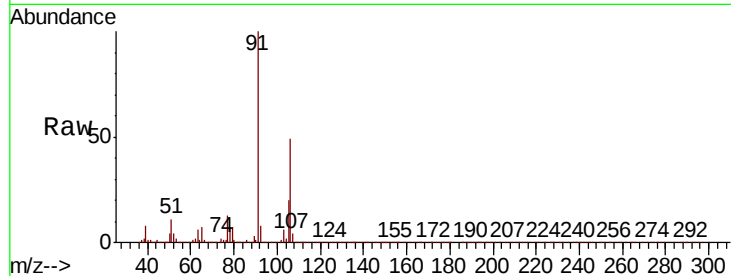




#69
o-Xylene
Concen: 13.146 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

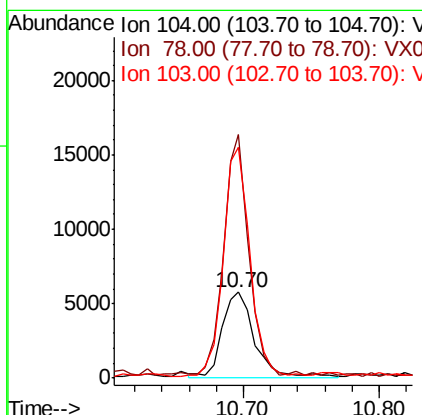
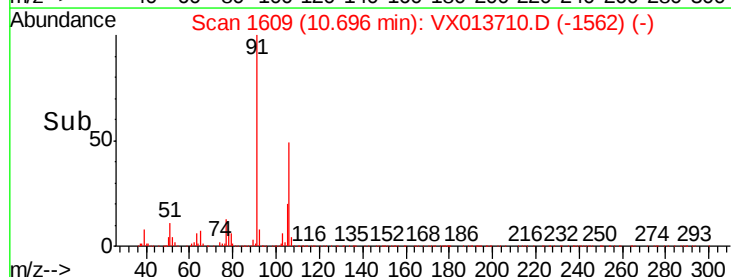
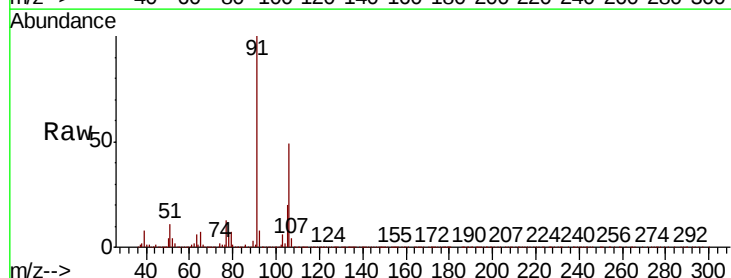
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

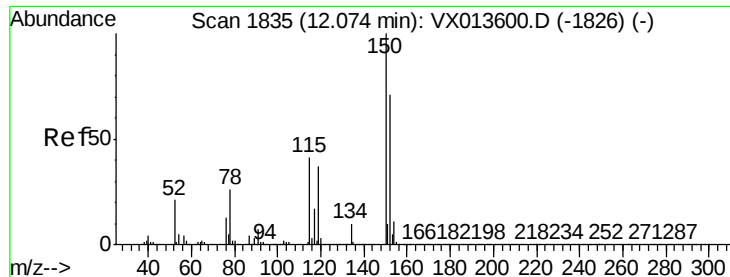
Tot Ion:106 Resp: 152210
Ion Ratio Lower Upper
106 100
91 212.8 104.1 312.2



#70
Styrene
Concen: 0.483 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion:104 Resp: 9404
Ion Ratio Lower Upper
104 100
78 214.3 38.5 57.7#
103 223.4 43.7 65.5#



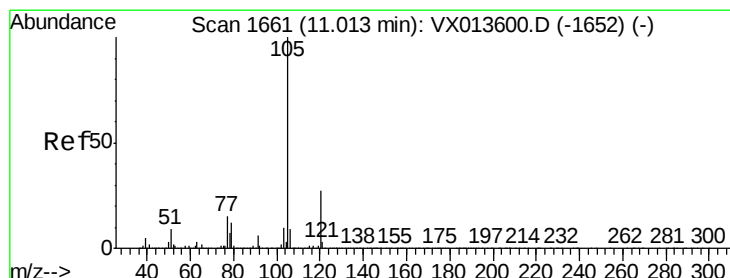
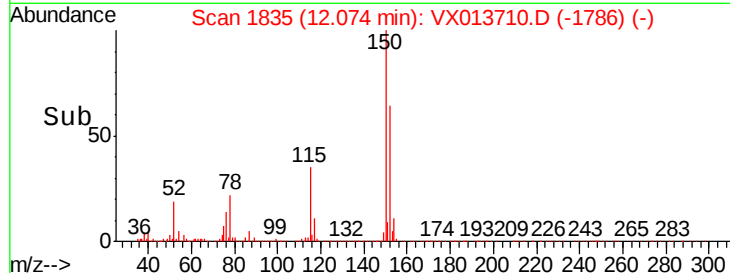
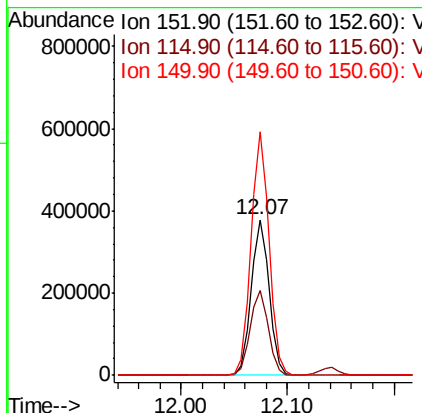
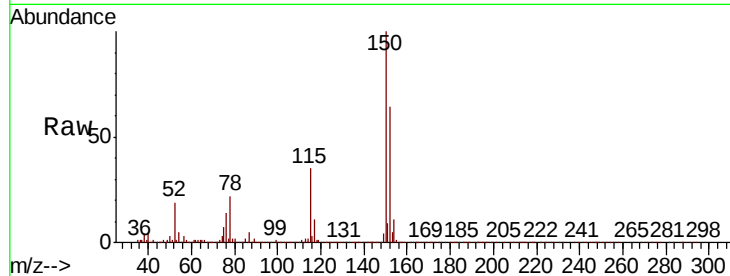


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

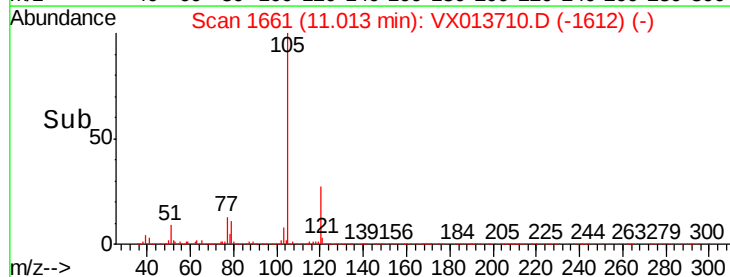
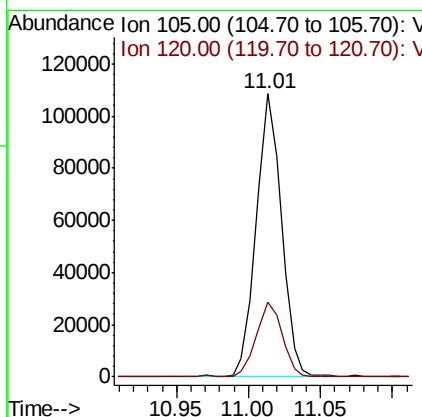
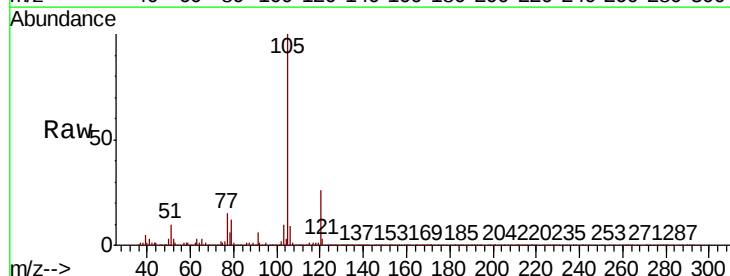
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.4	115.1
150	156.6	0.0	346.8

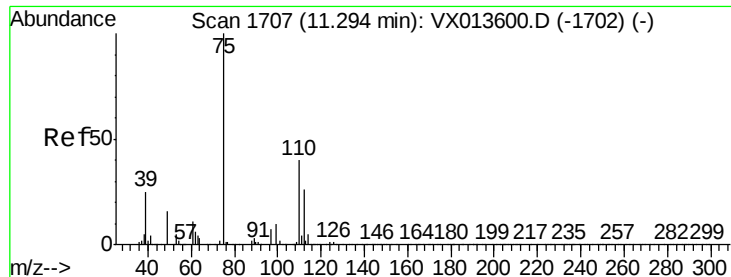


#73

Isopropylbenzene
Concen: 4.147 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.5

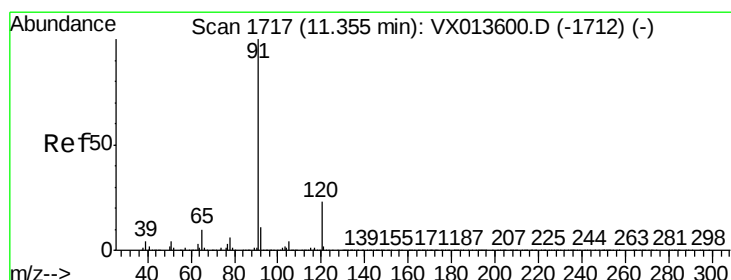
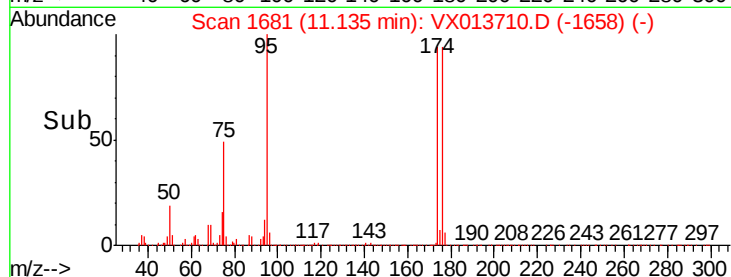
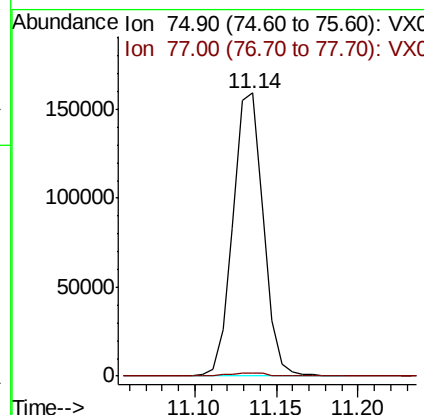
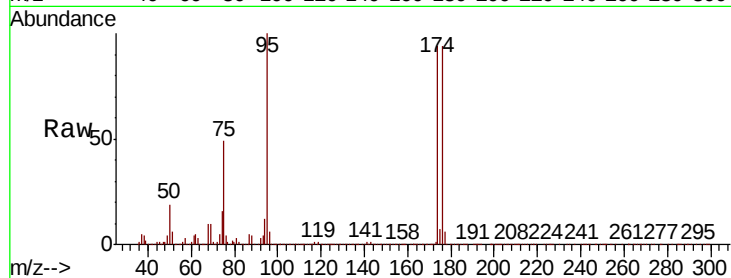




#76
 1,2,3-Trichloropropane
 Concen: 20.341 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

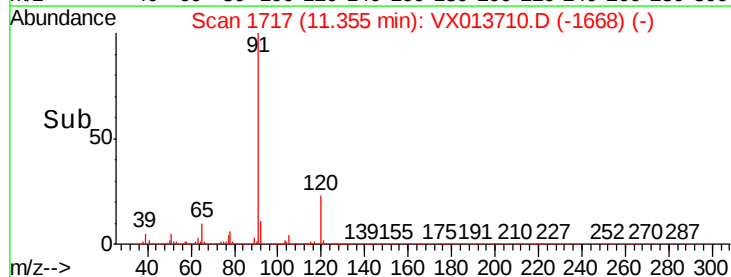
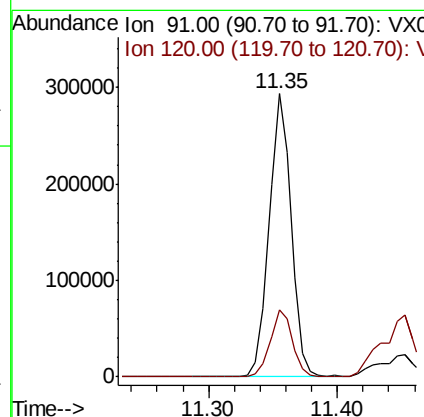
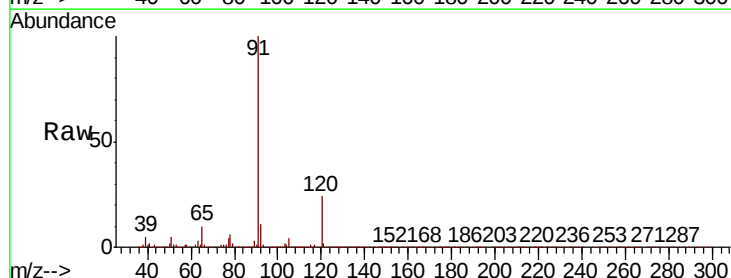
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

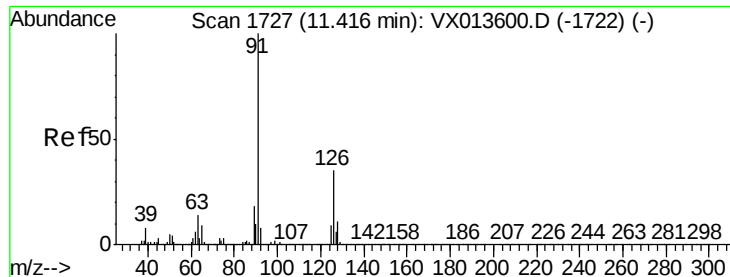
Tot Ion: 75 Resp: 205622
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#



#78
 n-propylbenzene
 Concen: 9.870 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

Tgt Ion: 91 Resp: 347377
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.8 35.3

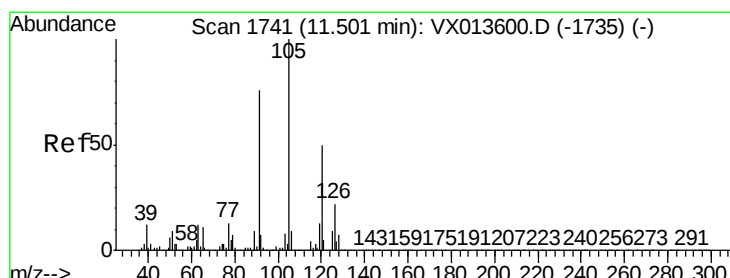
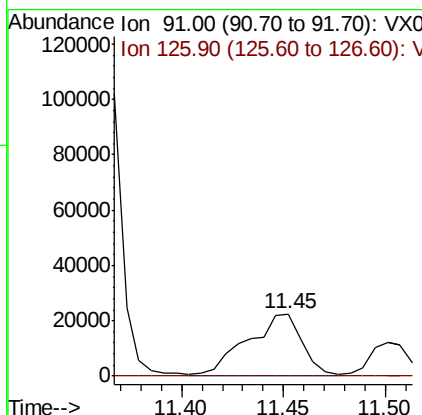
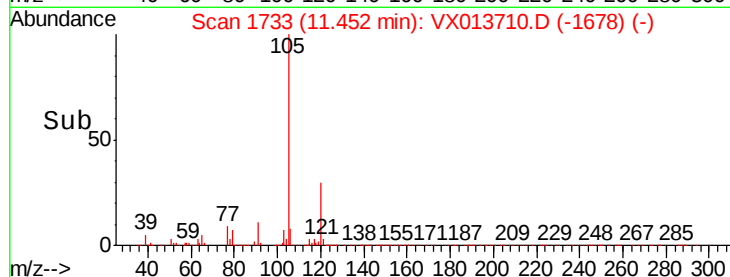
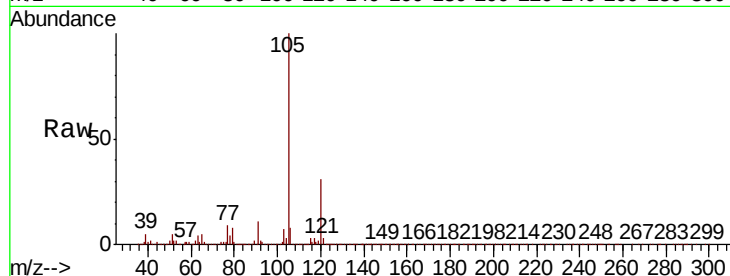




#79
2-Chlorotoluene
Concen: 1.963 ug/l
RT: 11.45 min Scan# 1733
Delta R.T. 0.04 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

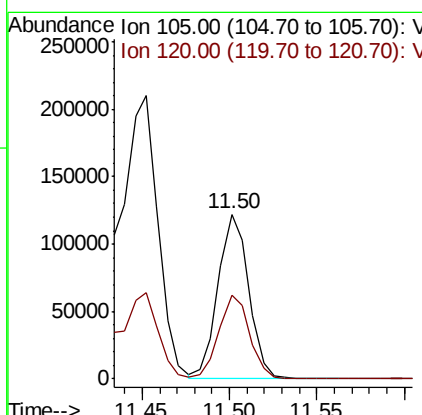
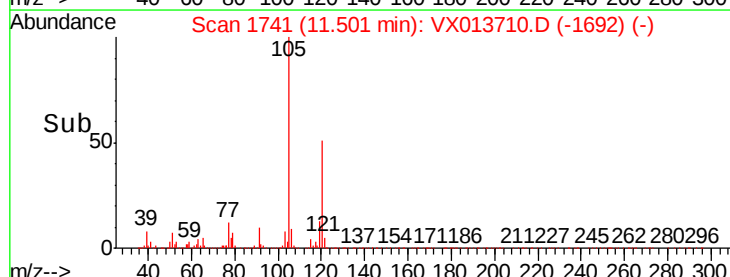
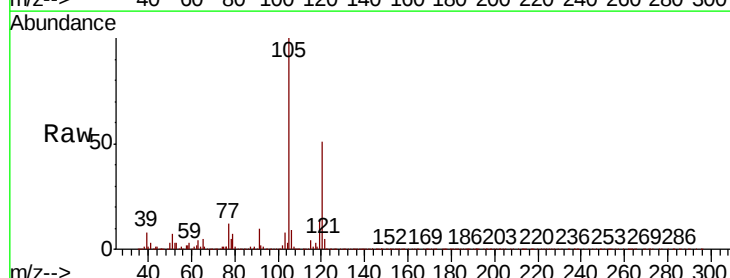
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

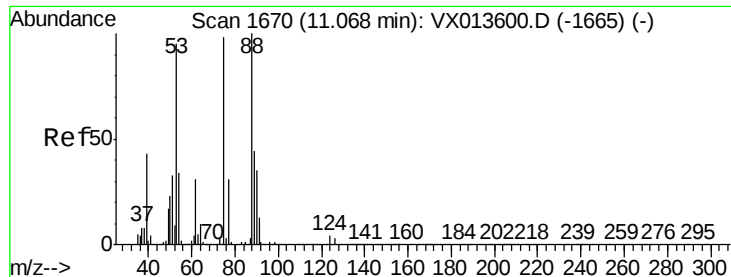
Tot Ion: 91 Resp: 41444
Ion Ratio Lower Upper
91 100
126 0.2 17.5 52.5#



#80
1,3,5-Trimethylbenzene
Concen: 5.733 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013710.D
Acq: 29 Nov 2019 18:43

Tgt Ion: 105 Resp: 148131
Ion Ratio Lower Upper
105 100
120 50.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 55.648 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

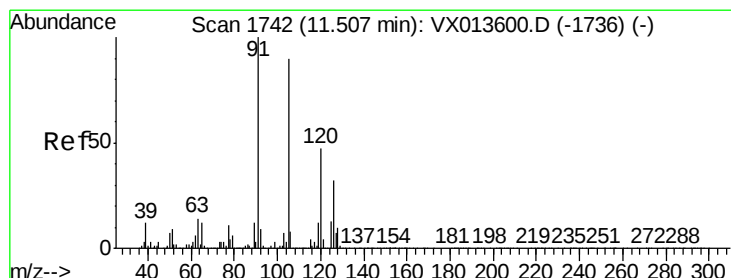
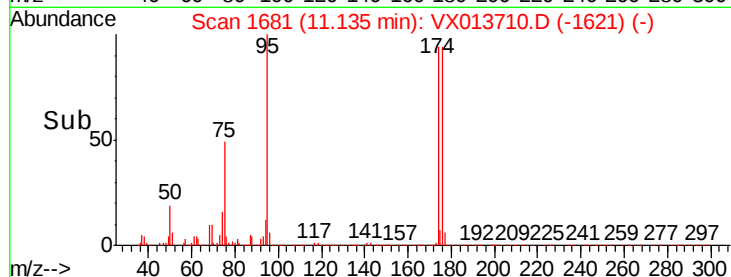
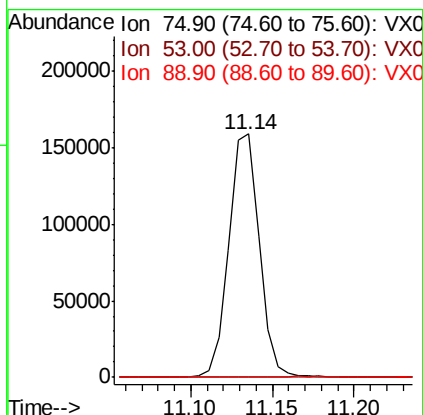
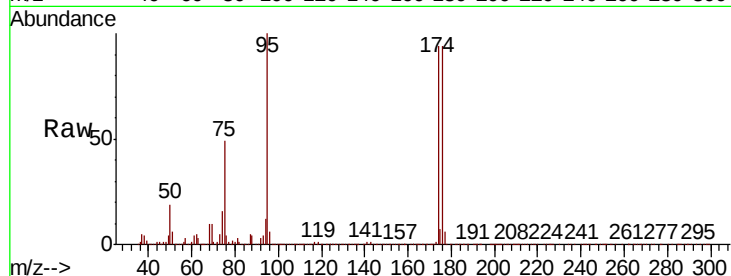
Tot Ion: 75 Resp: 205622

Ion Ratio Lower Upper

75 100

53 0.5 78.2 117.2#

89 0.0 35.4 53.2#



#82

4-Chlorotoluene

Concen: 0.632 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013710.D

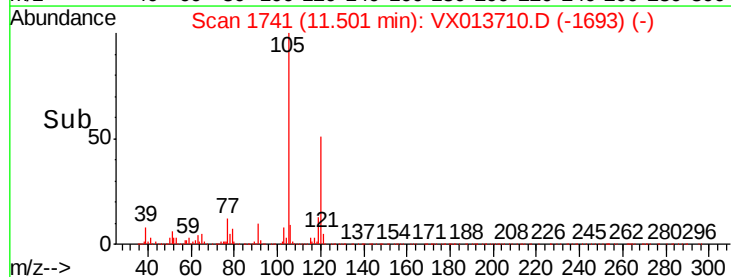
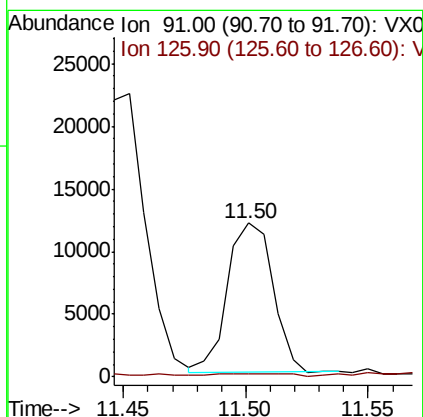
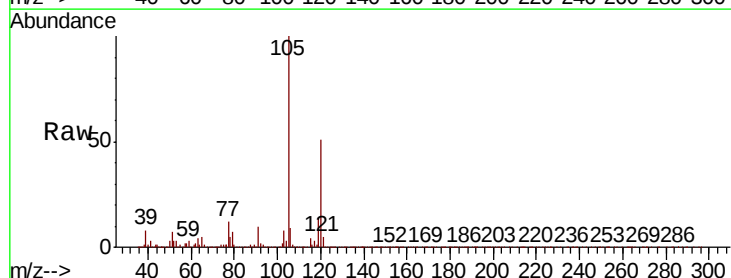
Acq: 29 Nov 2019 18:43

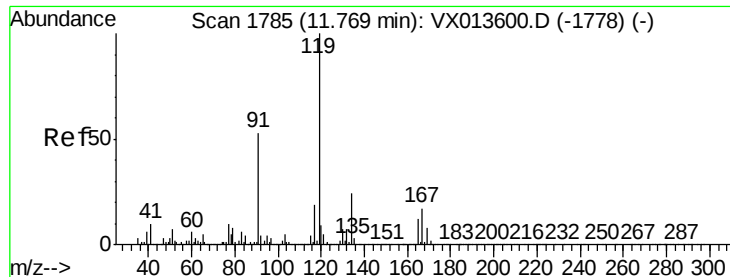
Tgt Ion: 91 Resp: 15461

Ion Ratio Lower Upper

91 100

126 3.7 15.7 47.0#





#83

tert-Butylbenzene

Concen: 10.282 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.04 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

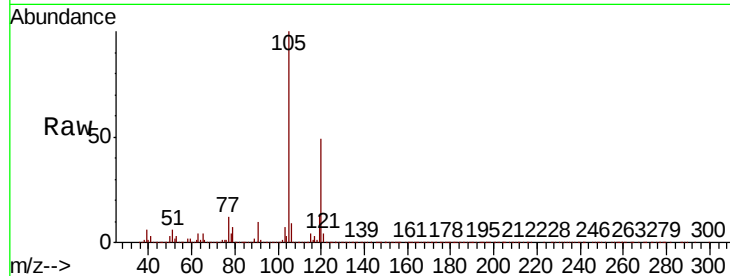
Tot Ion:119 Resp: 270017

Ion Ratio Lower Upper

119 100

91 80.0 27.2 81.6

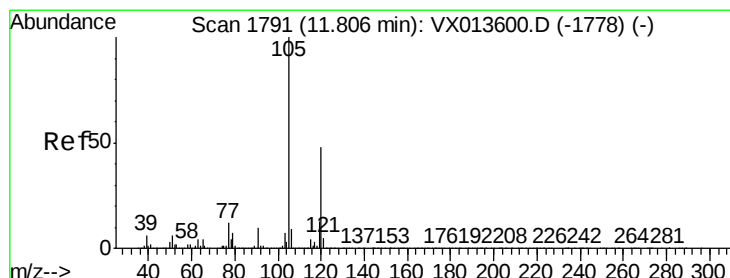
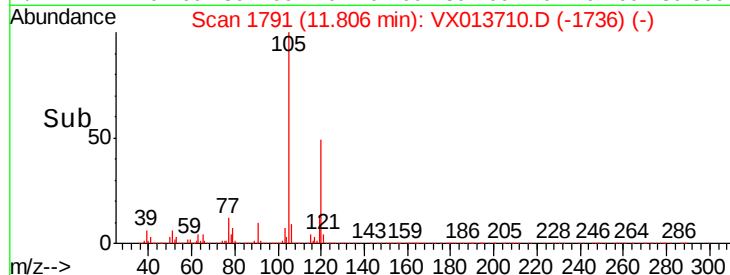
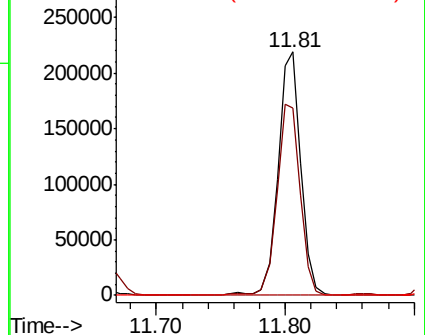
134 0.0 11.7 35.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 81.063 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013710.D

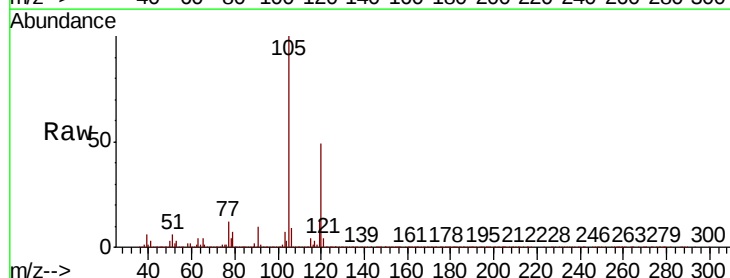
Acq: 29 Nov 2019 18:43

Tgt Ion:105 Resp: 2125838

Ion Ratio Lower Upper

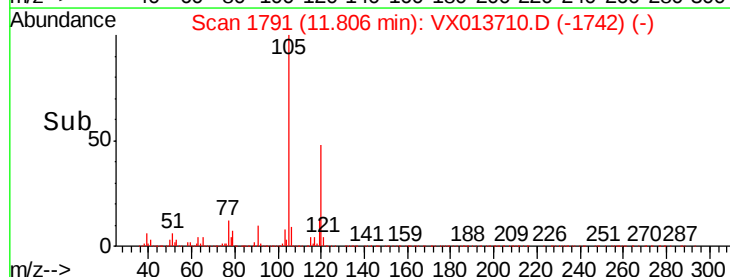
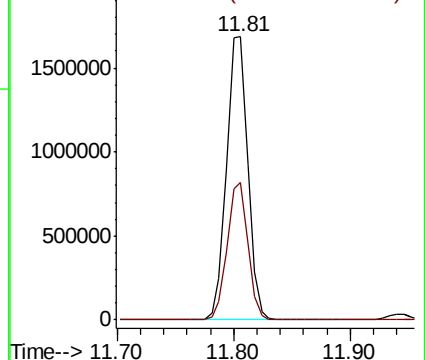
105 100

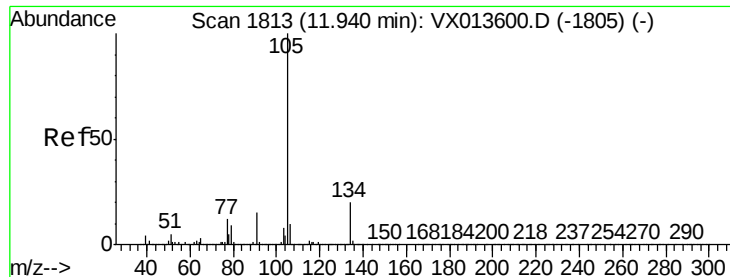
120 47.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

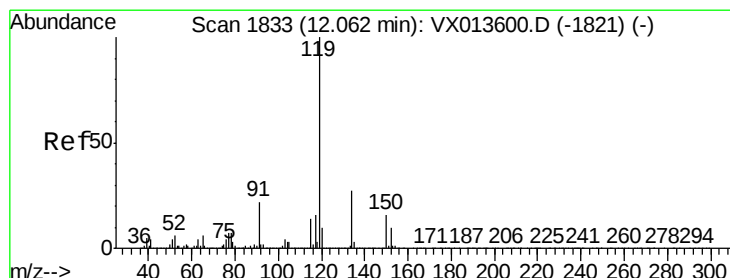
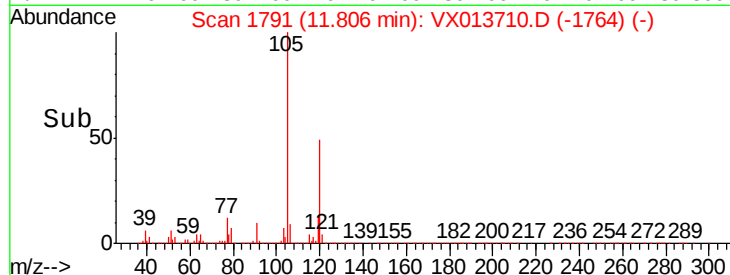
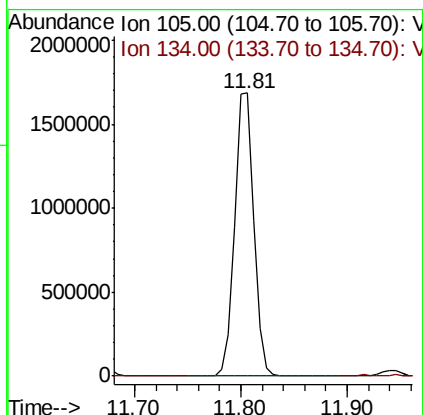
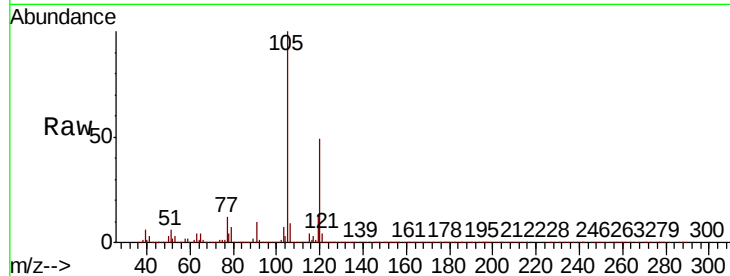




#85
 sec-Butylbenzene
 Concen: 70.874 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.13 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

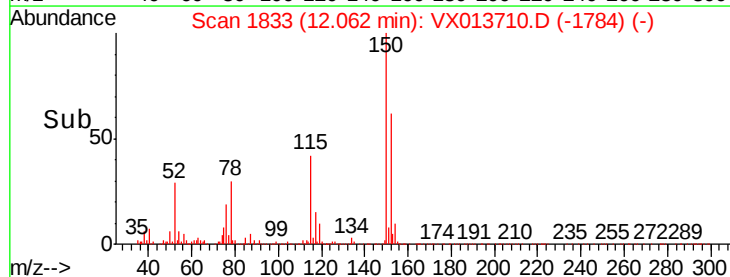
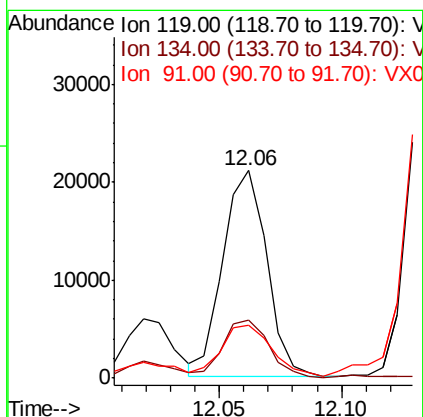
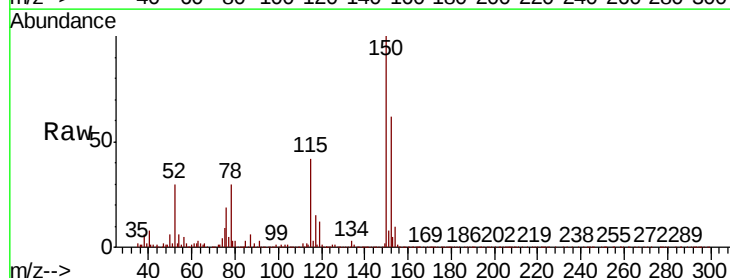
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

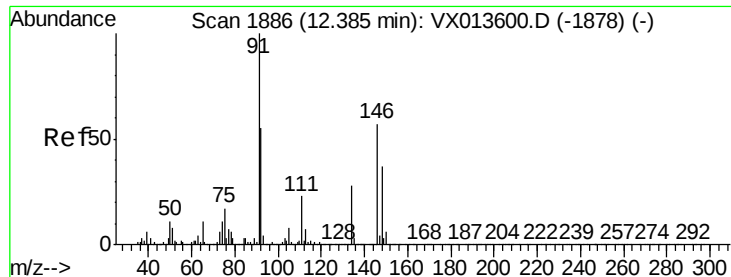
Tot Ion:105 Resp: 2125871
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 0.941 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013710.D
 Acq: 29 Nov 2019 18:43

Tgt Ion:119 Resp: 26251
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.3 39.9
 91 28.0 11.3 33.8





#89

n-Butylbenzene

Concen: 3.124 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

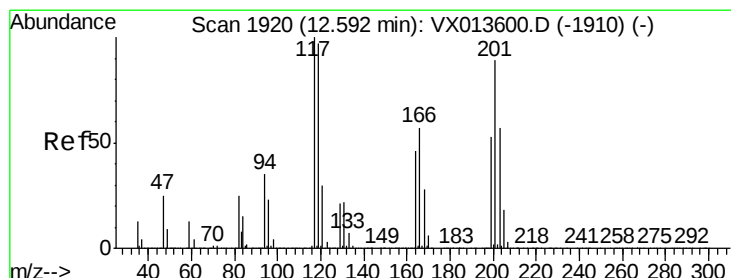
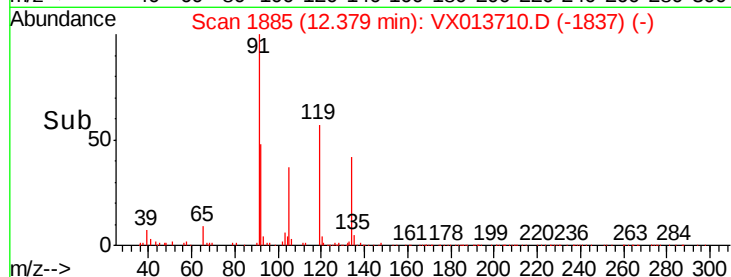
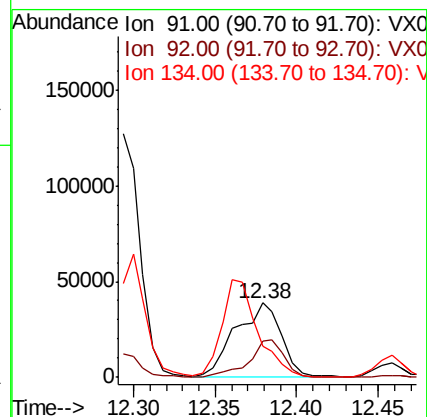
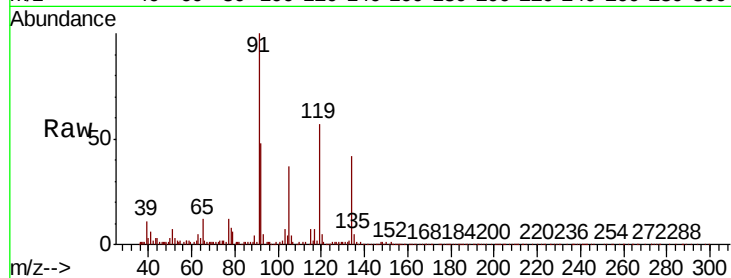
Tot Ion: 91 Resp: 74355

Ion Ratio Lower Upper

91 100

92 38.7 27.4 82.2

134 0.0 13.5 40.4#



#90

Hexachloroethane

Concen: 7.367 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013710.D

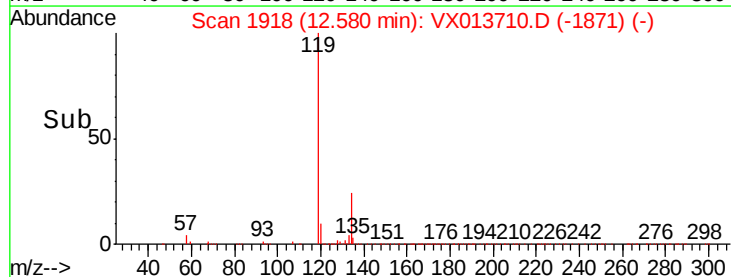
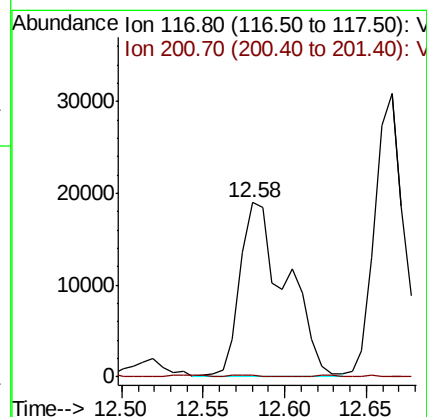
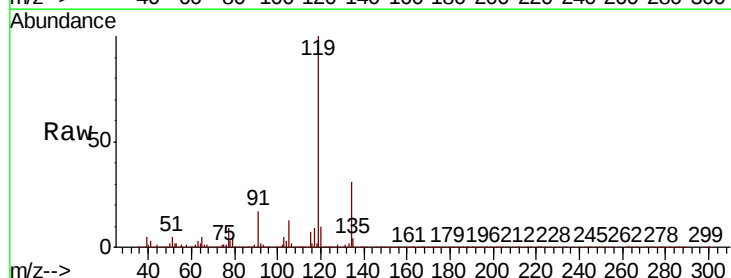
Acq: 29 Nov 2019 18:43

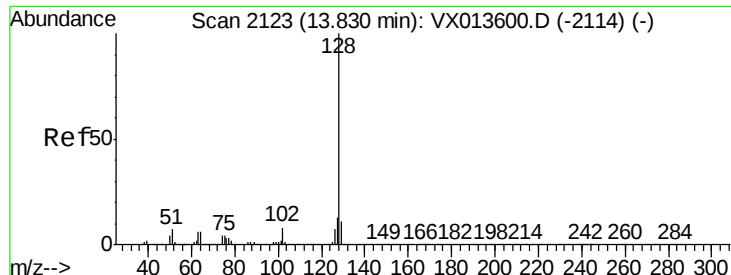
Tgt Ion: 117 Resp: 37159

Ion Ratio Lower Upper

117 100

201 0.9 44.1 132.4#





#95

Naphthalene

Concen: 24.696 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013710.D

Acq: 29 Nov 2019 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tot Ion:128 Resp: 751881

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 8.7 13.1

