

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112119\
 Data File : VX013505.D
 Acq On : 21 Nov 2019 16:00
 Operator : JC/SP
 Sample : K5958-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Quant Time: Nov 22 01:09:11 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	669805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1073238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	977890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	500312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	390583	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	5.48	113	318511	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	8.71	98	1289159	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	468719	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	1883	0.225	ug/l #	43
5) Bromomethane	1.63	94	2929	0.441	ug/l	94
6) Chloroethane	1.57	64	1059	Below Cal	#	49
10) Methyl Iodide	2.49	142	2046	0.263	ug/l #	64
11) Tert butyl alcohol	3.00	59	23848	11.402	ug/l #	82
14) Allyl chloride	2.70	41	5620	0.503	ug/l #	58
15) Acrylonitrile	3.13	53	1188	0.304	ug/l #	17
16) Acetone	2.45	43	4300	1.086	ug/l #	44
18) Methyl Acetate	2.77	43	3076	0.282	ug/l #	87
20) Methylene Chloride	2.84	84	2381	0.326	ug/l #	82
25) 2-Butanone	4.69	43	1472	0.254	ug/l	92
28) Bromochloromethane	5.00	49	685	0.200	ug/l #	3
29) Tetrahydrofuran	5.12	42	1196	0.334	ug/l #	52
30) Chloroform	5.20	83	8076	0.678	ug/l #	77
36) 1,1-Dichloropropene	5.65	75	43993	4.778	ug/l #	51
38) Carbon Tetrachloride	5.65	117	58533	6.501	ug/l #	18
39) Methylcyclohexane	7.45	83	3937	0.343	ug/l	92
49) 1,4-Dioxane	7.72	88	253	1.249	ug/l #	1
56) Ethyl methacrylate	9.17	69	1003	1.640	ug/l #	1
64) Tetrachloroethene	9.34	164	2175	0.311	ug/l #	50
67) Ethyl Benzene	10.25	91	359748	10.529	ug/l	98
68) m/p-Xylenes	10.35	106	163104	12.622	ug/l	99
69) o-Xylene	10.70	106	11830	0.935	ug/l	85
71) Bromoform	10.84	173	216	3.233	ug/l #	28
73) Isopropylbenzene	11.01	105	281097	8.474	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	3149	0.260	ug/l #	67
76) 1,2,3-Trichloropropane	11.43	75	8230	0.810	ug/l #	1
78) n-propylbenzene	11.35	91	620459	16.791	ug/l	100
79) 2-Chlorotoluene	11.43	91	112093	5.035	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	782521	28.321	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	229519	58.136	ug/l #	9
82) 4-Chlorotoluene	11.50	91	82535	3.167	ug/l #	46
83) tert-Butylbenzene	11.76	119	27938	1.004	ug/l	85
84) 1,2,4-Trimethylbenzene	11.81	105	4221461	152.306	ug/l	97

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QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

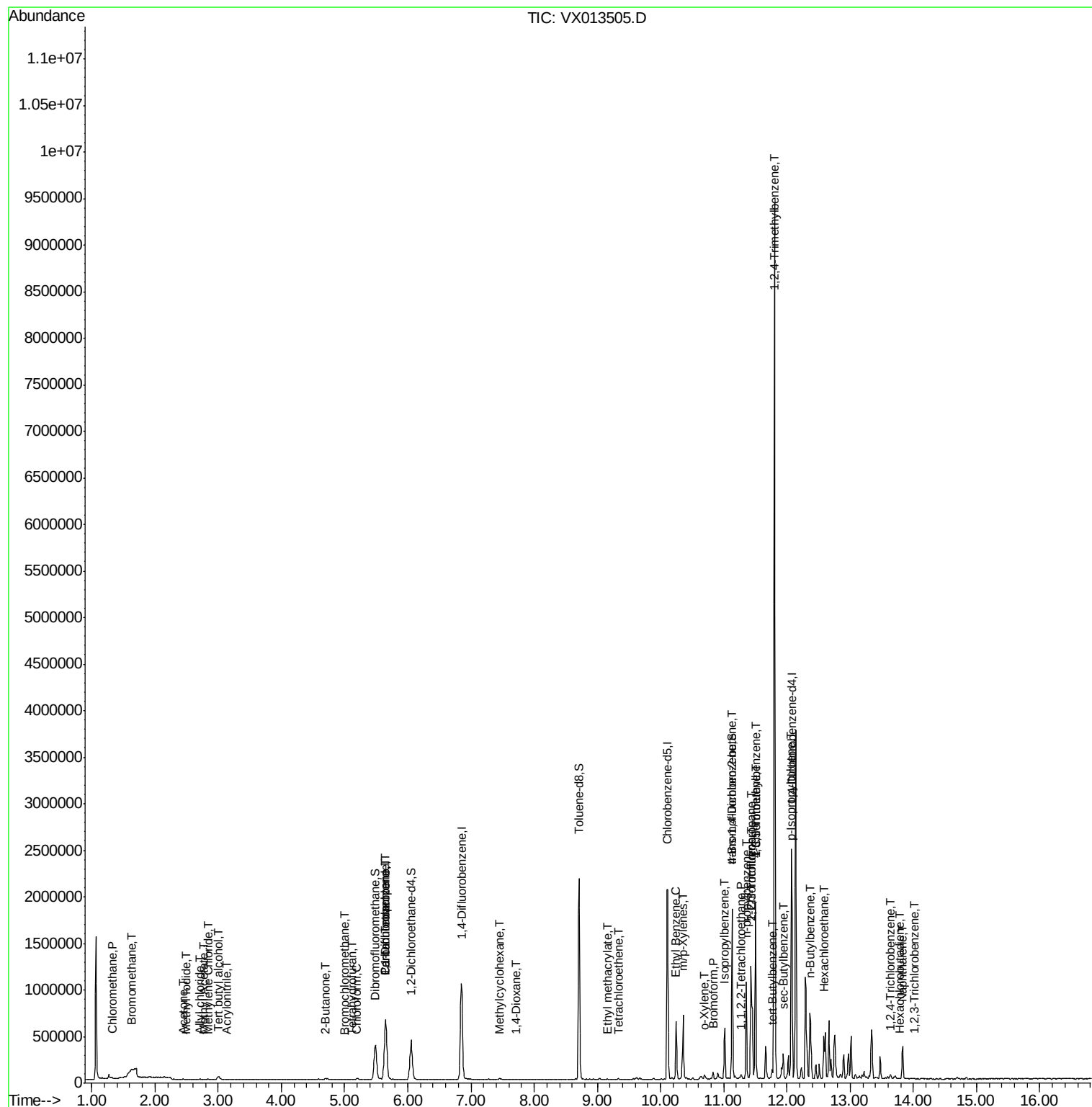
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	139965	4.379	ug/l #	78
86) p-Isopropyltoluene	12.06	119	132978	4.518	ug/l	99
89) n-Butylbenzene	12.38	91	127392	4.960	ug/l #	44
90) Hexachloroethane	12.58	117	18125	3.456	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.64	180	2525	0.230	ug/l #	62
94) Hexachlorobutadiene	13.78	225	1253	0.233	ug/l	72
95) Naphthalene	13.83	128	223382	6.478	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	2235	0.203	ug/l #	75

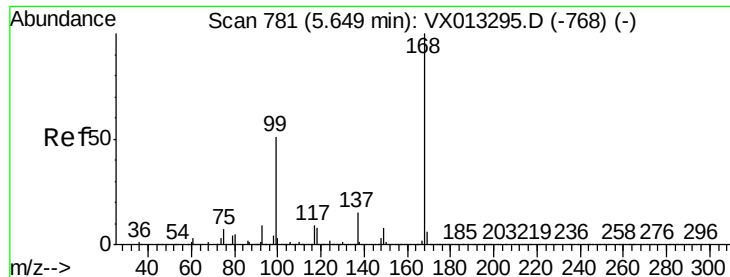
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampled :

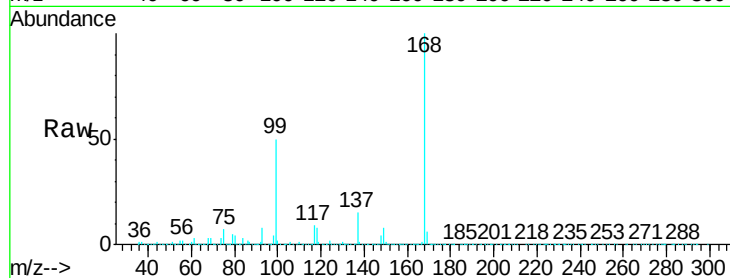
MW-4DL

Tgt Ion:168 Resp: 669805

Ion Ratio Lower Upper

168 100

99 50.3 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

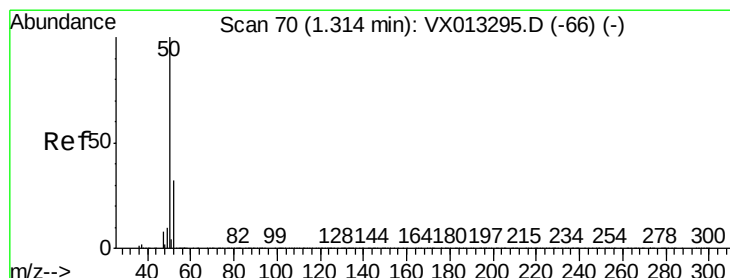
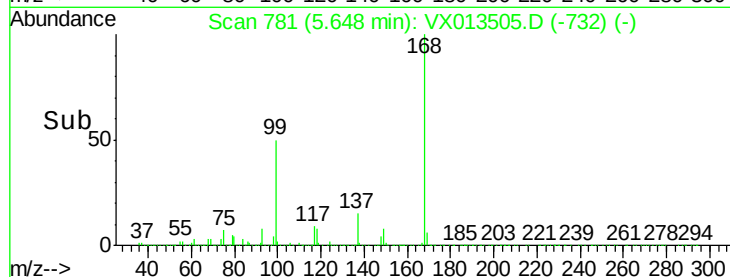
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.225 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013505.D

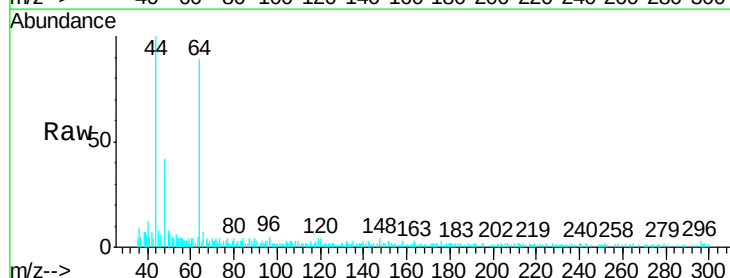
Acq: 21 Nov 2019 16:00

Tgt Ion: 50 Resp: 1883

Ion Ratio Lower Upper

50 100

52 0.0 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

1000

800

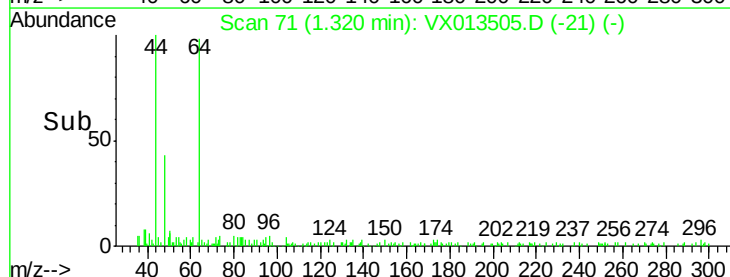
600

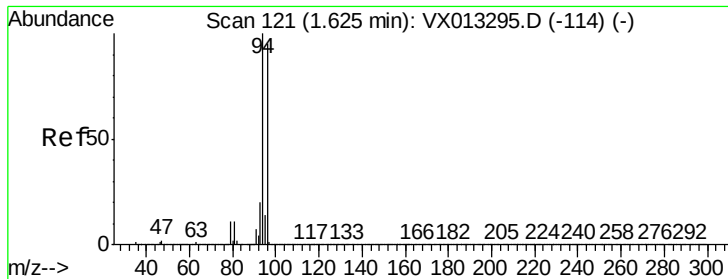
400

200

0

Time-->





#5

Bromomethane

Concen: 0.441 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampled :

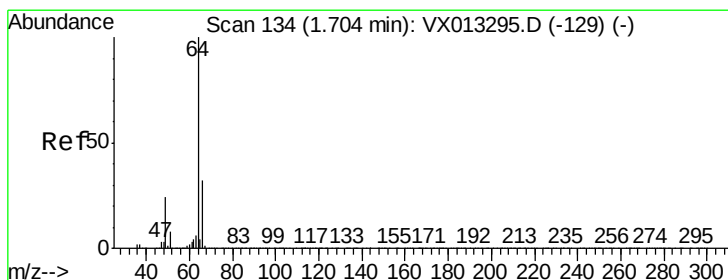
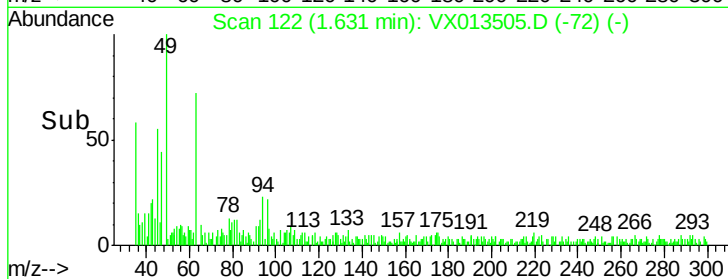
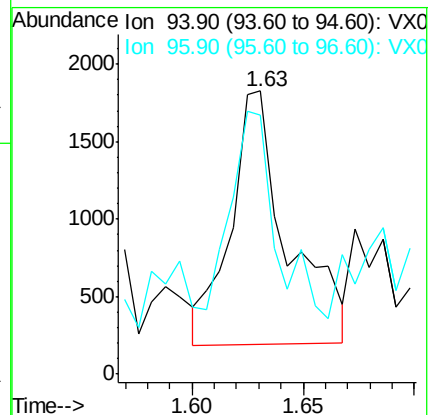
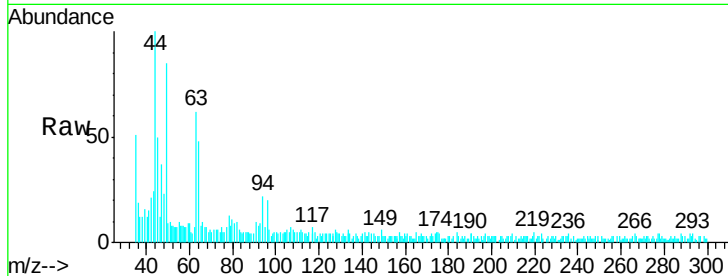
MW-4DL

Tgt Ion: 94 Resp: 2929

Ion Ratio Lower Upper

94 100

96 88.8 75.8 113.8



#6

Chloroethane

Concen: Below Cal

RT: 1.57 min Scan# 112

Delta R.T. -0.13 min

Lab File: VX013505.D

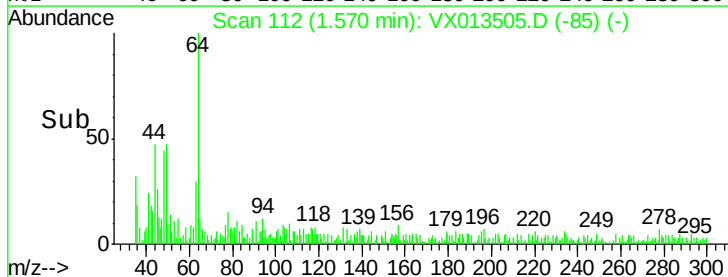
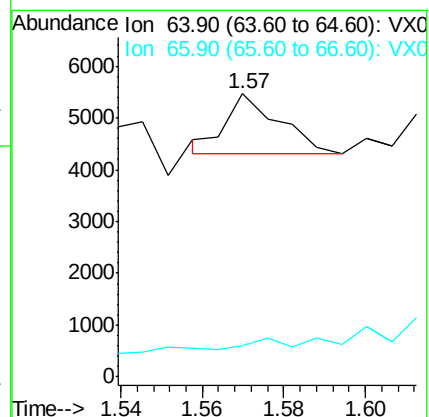
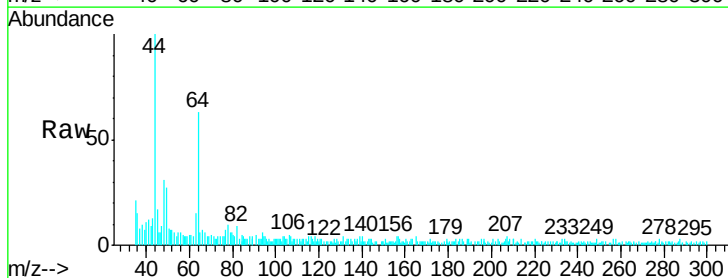
Acq: 21 Nov 2019 16:00

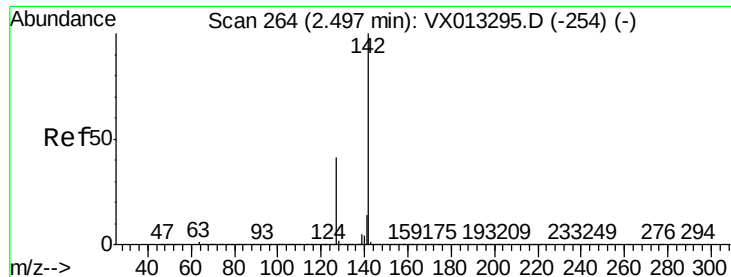
Tgt Ion: 64 Resp: 1059

Ion Ratio Lower Upper

64 100

66 3.4 25.6 38.4#





#10

Methyl Iodide

Concen: 0.263 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

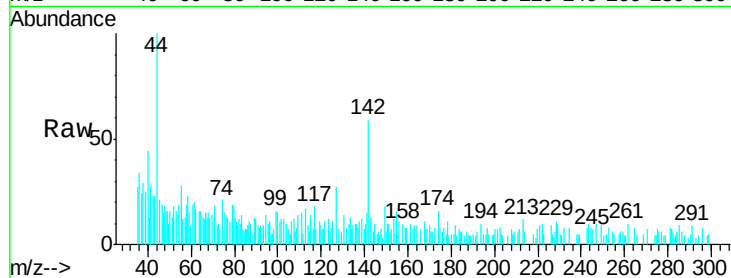
Tgt Ion:142 Resp: 2046

Ion Ratio Lower Upper

142 100

127 54.3 32.6 49.0#

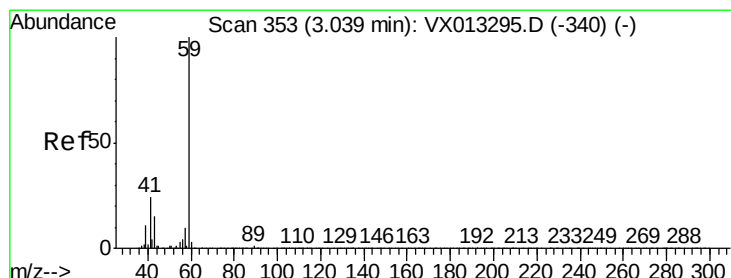
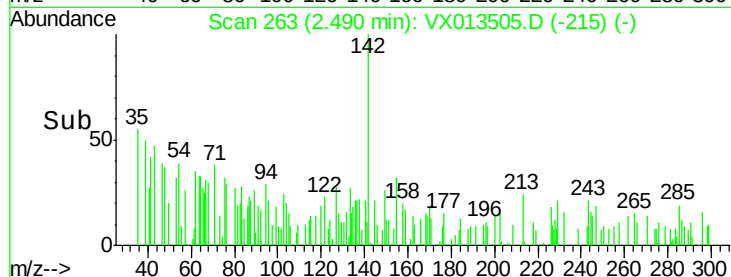
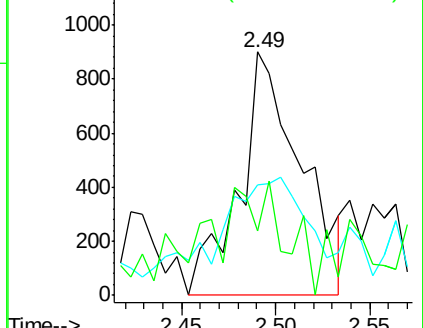
141 45.6 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 11.402 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.04 min

Lab File: VX013505.D

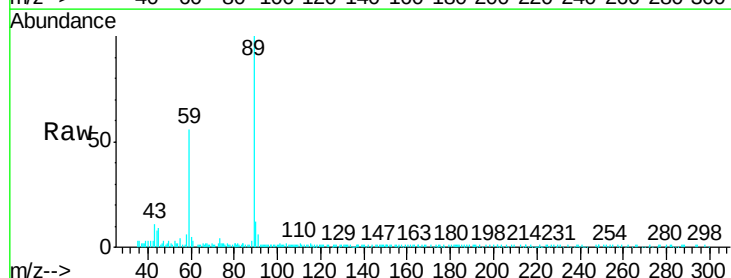
Acq: 21 Nov 2019 16:00

Tgt Ion: 59 Resp: 23848

Ion Ratio Lower Upper

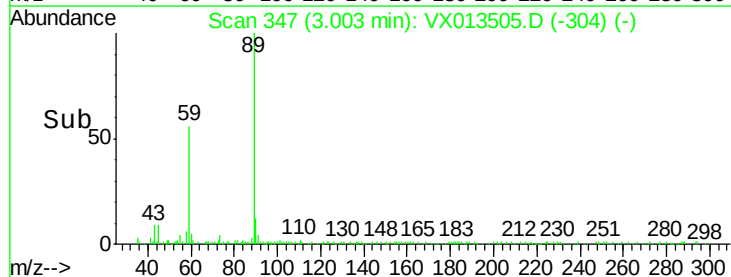
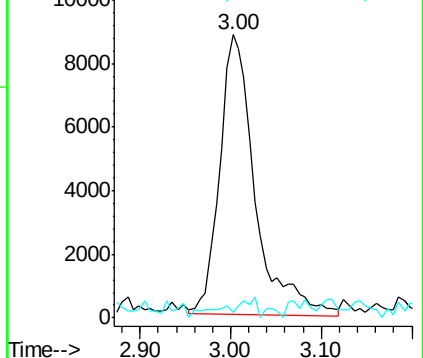
59 100

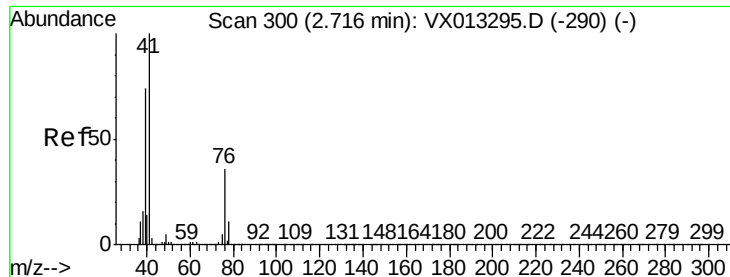
57 3.3 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#14

Allyl chloride

Concen: 0.503 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.01 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

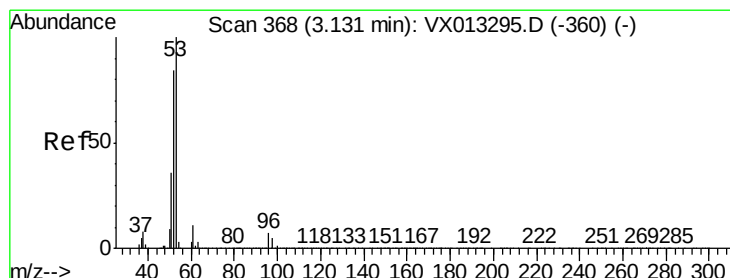
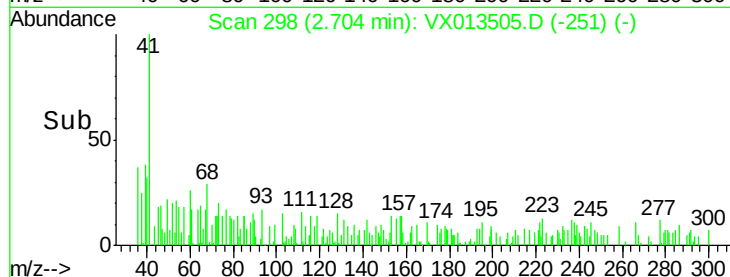
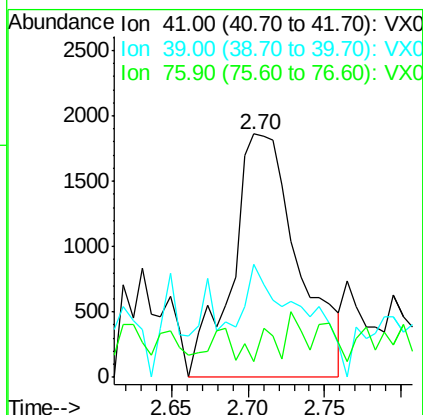
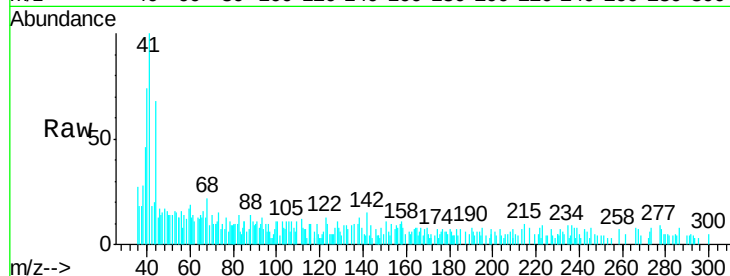
MSVOA_X

ClientSampled :

MW-4DL

Tgt Ion: 41 Resp: 5620

Ion	Ratio	Lower	Upper
41	100		
39	39.4	55.8	83.8#
76	3.0	26.4	39.6#



#15

Acrylonitrile

Concen: 0.304 ug/l

RT: 3.13 min Scan# 368

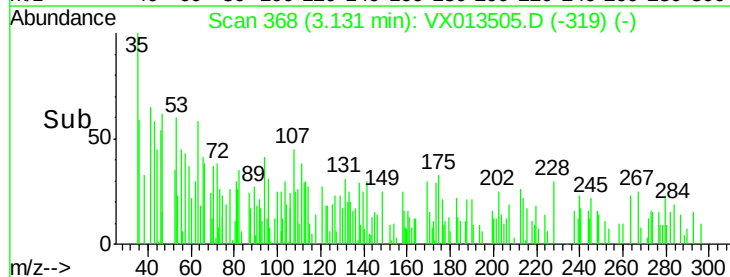
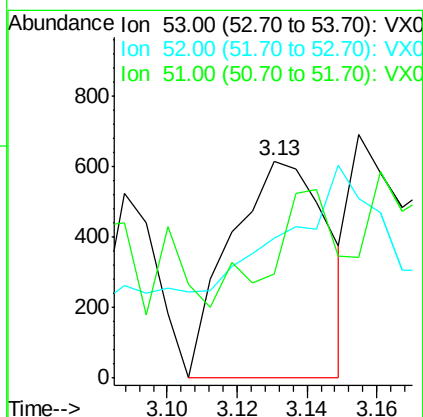
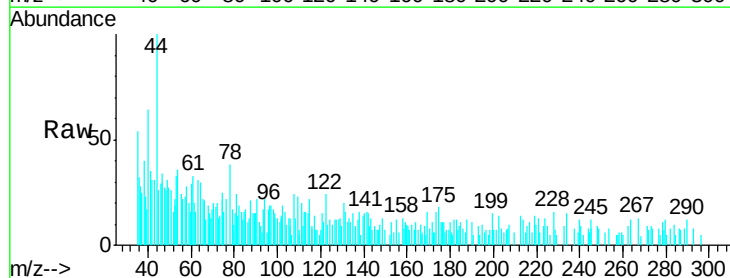
Delta R.T. -0.00 min

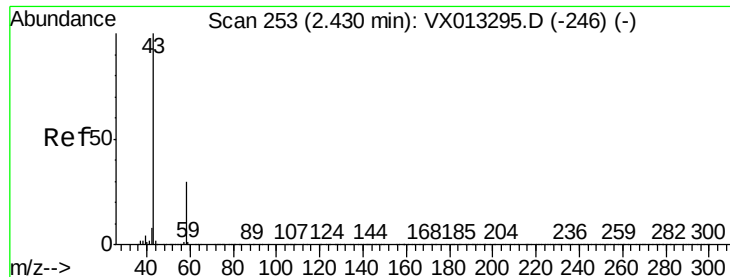
Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Tgt Ion: 53 Resp: 1188

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.4	101.0#
51	0.0	29.4	44.2#

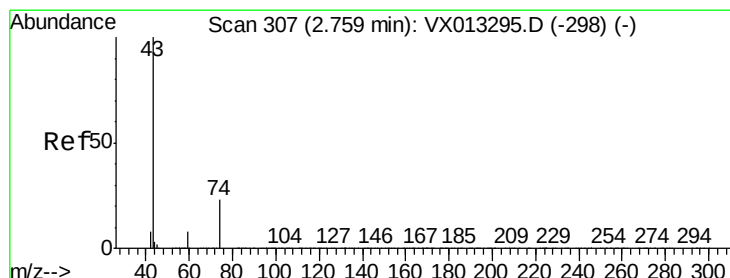
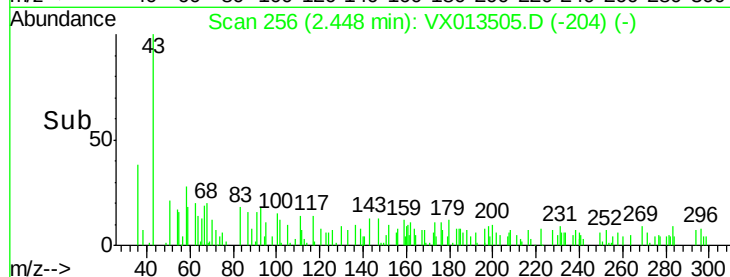
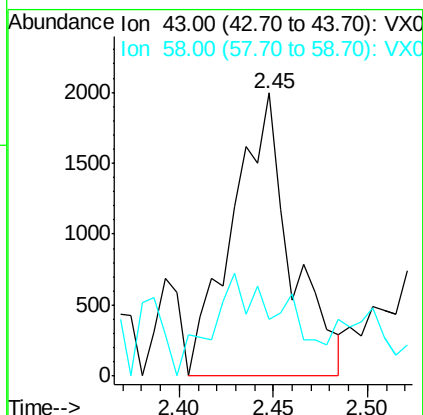
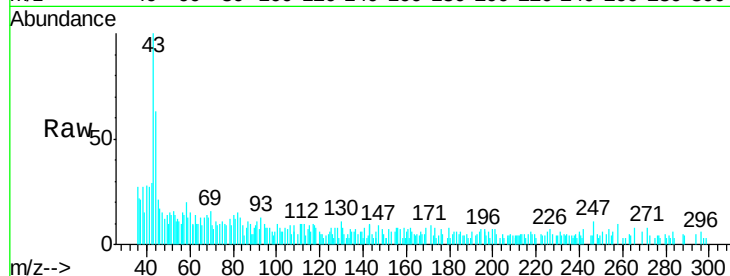




#16
Acetone
Concen: 1.086 ug/l
RT: 2.45 min Scan# 256
Delta R.T. 0.02 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

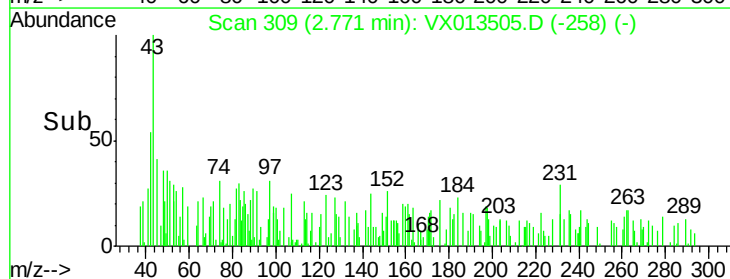
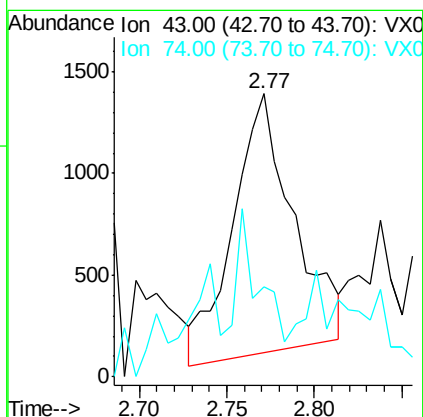
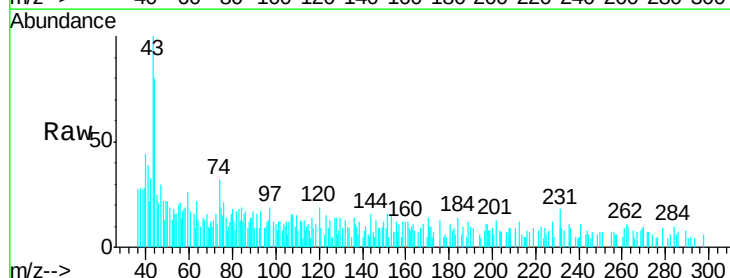
Instrument :
MSVOA_X
ClientSampled :
MW-4DL

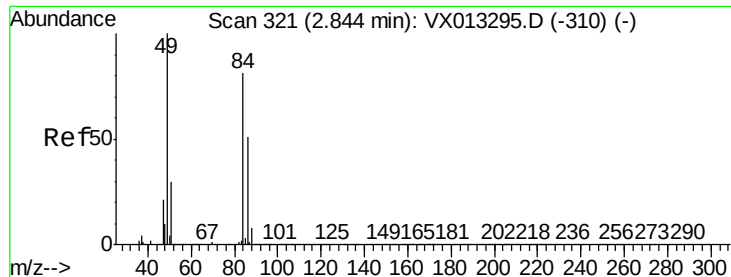
Tgt Ion: 43 Resp: 4300
Ion Ratio Lower Upper
43 100
58 0.0 24.3 36.5#



#18
Methyl Acetate
Concen: 0.282 ug/l
RT: 2.77 min Scan# 309
Delta R.T. 0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion: 43 Resp: 3076
Ion Ratio Lower Upper
43 100
74 17.3 19.0 28.6#

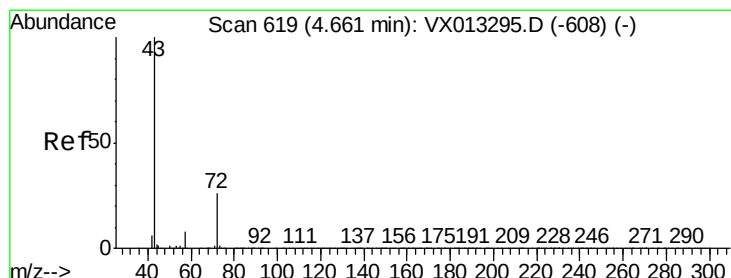
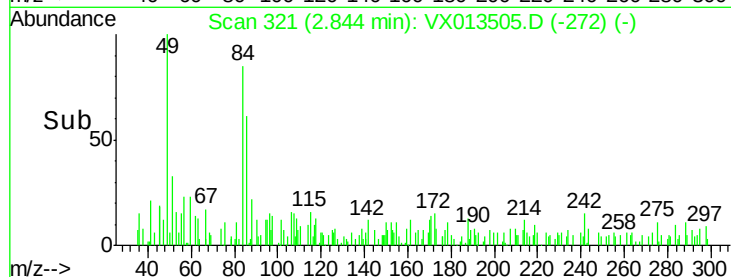
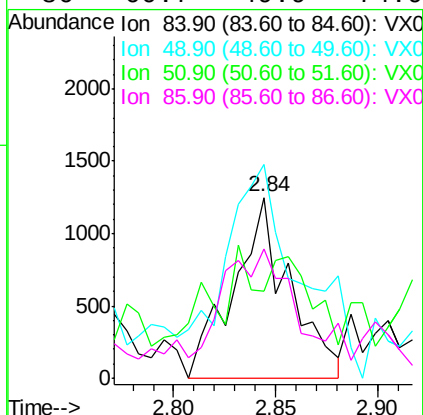
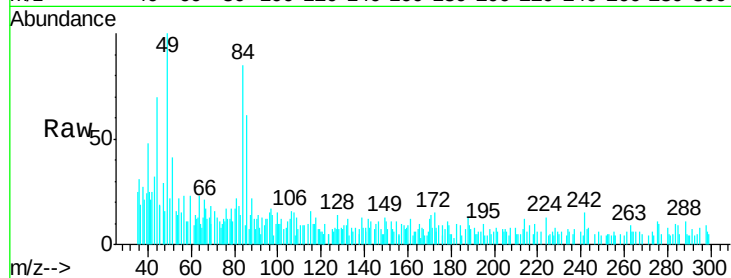




#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

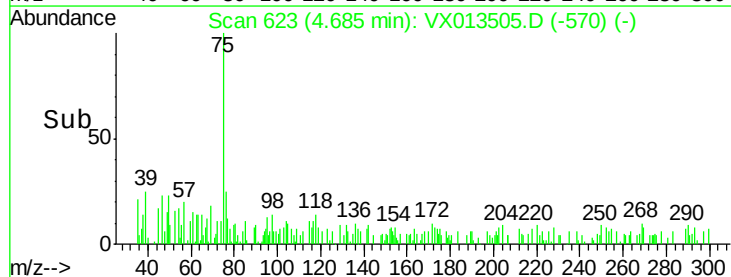
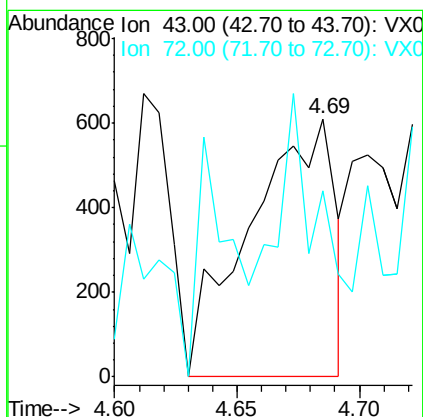
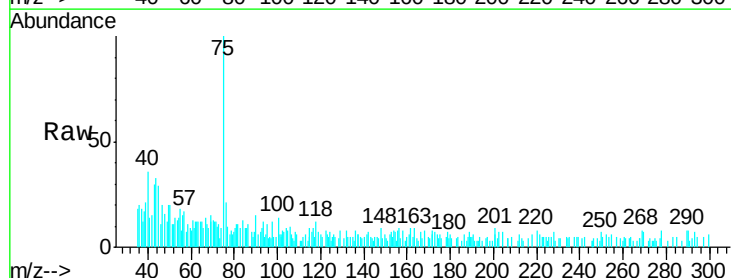
Instrument :
MSVOA_X
ClientSampled :
MW-4DL

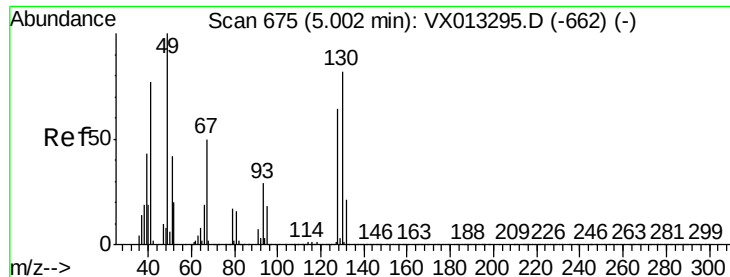
Tgt Ion:	84	Resp:	2381
Ion	Ratio	Lower	Upper
84	100		
49	90.9	98.2	147.4#
51	29.8	29.9	44.9#
86	60.7	49.9	74.9



#25
2-Butanone
Concen: 0.254 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:	43	Resp:	1472
Ion	Ratio	Lower	Upper
43	100		
72	22.0	21.0	31.6





#28

Bromochloromethane

Concen: 0.200 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

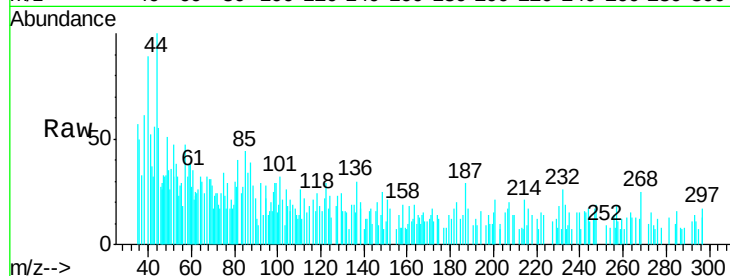
Tgt Ion: 49 Resp: 685

Ion Ratio Lower Upper

49 100

129 104.7 0.0 5.2#

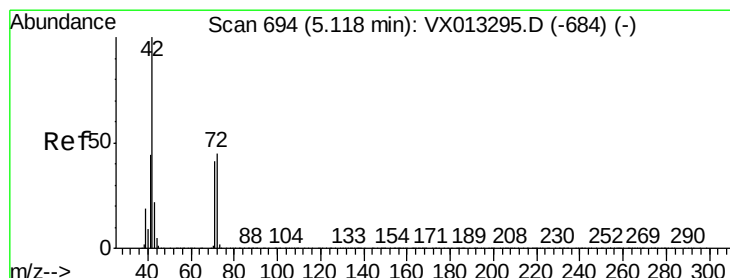
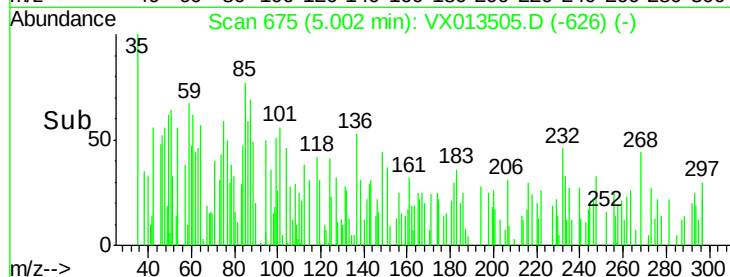
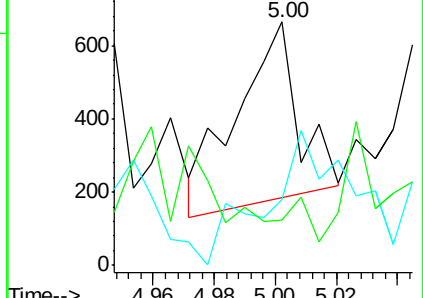
130 0.0 63.8 95.6#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.334 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

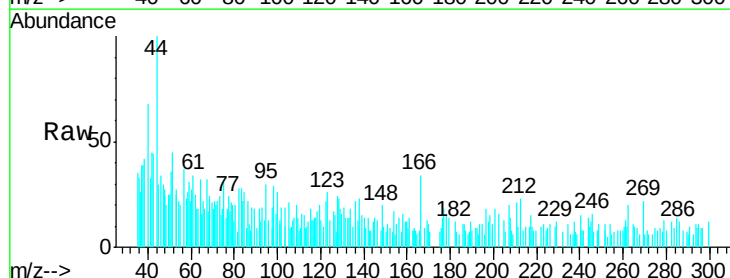
Tgt Ion: 42 Resp: 1196

Ion Ratio Lower Upper

42 100

72 17.3 35.8 53.8#

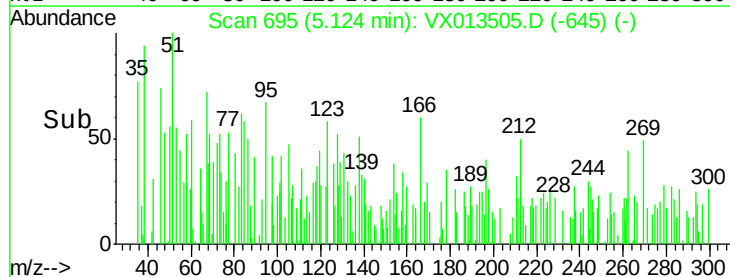
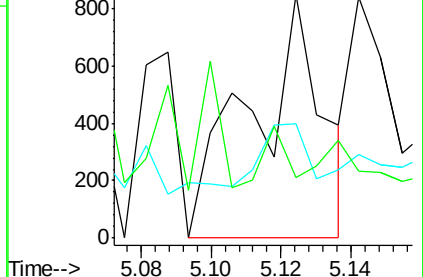
71 7.4 33.4 50.0#

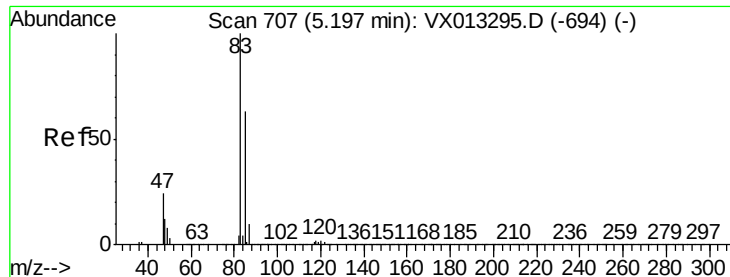


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

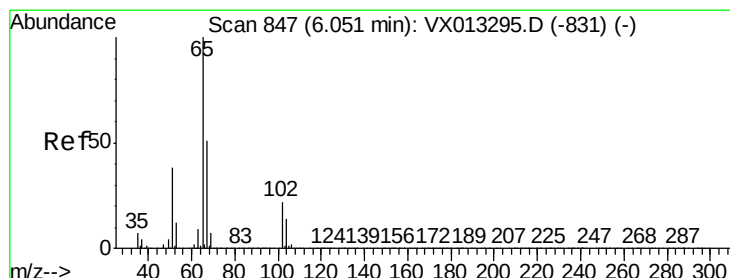
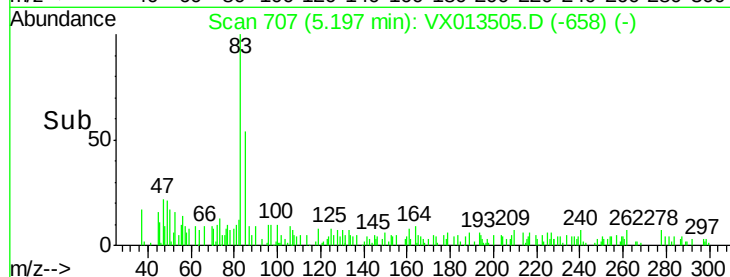
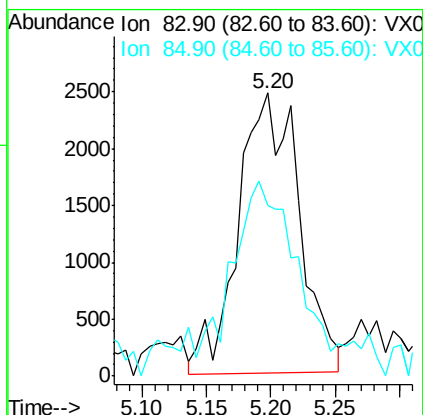
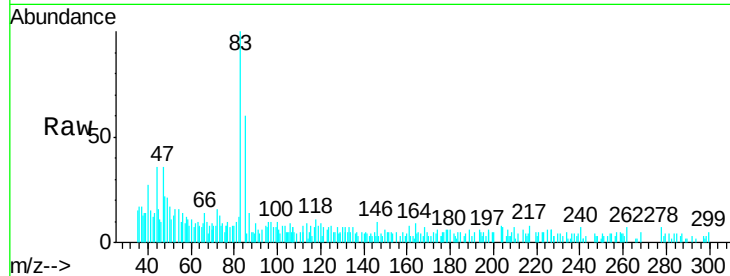




#30
Chloroform
Concen: 0.678 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

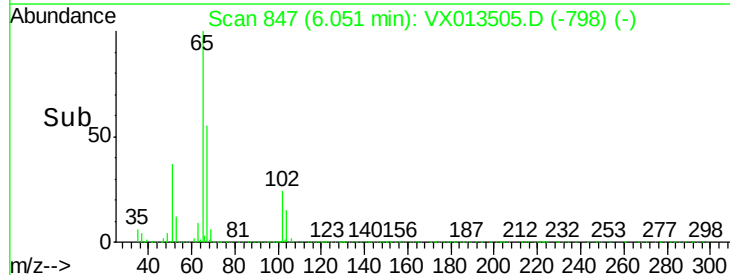
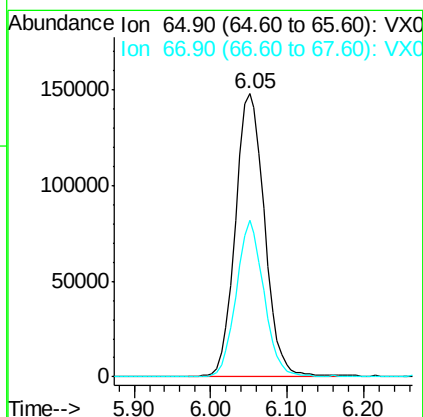
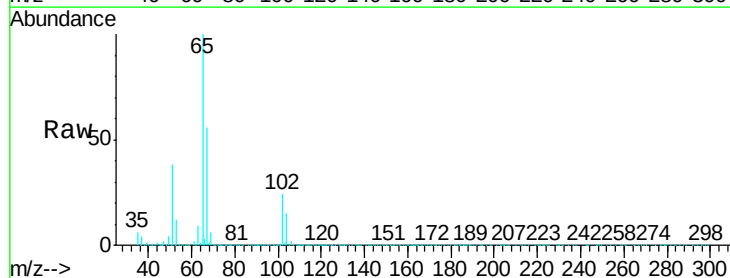
Instrument :
MSVOA_X
ClientSampled :
MW-4DL

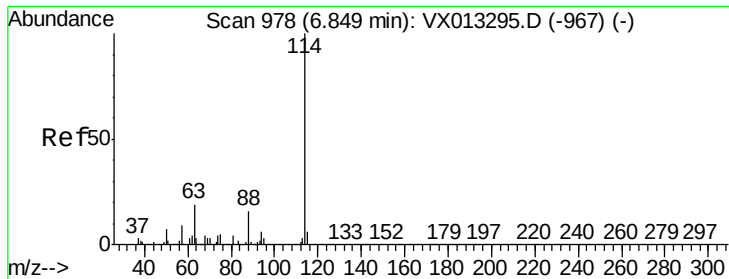
Tgt Ion: 83 Resp: 8076
Ion Ratio Lower Upper
83 100
85 45.4 50.2 75.4#



#33
1,2-Dichloroethane-d4
Concen: 49.222 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion: 65 Resp: 390583
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.2

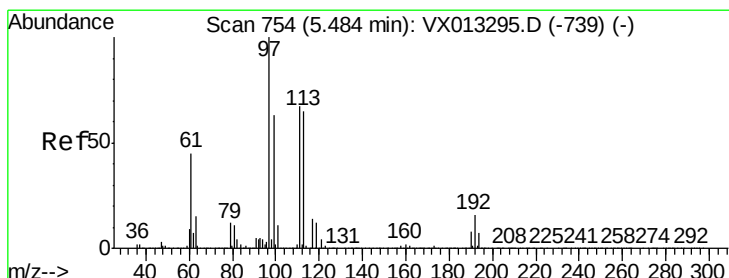
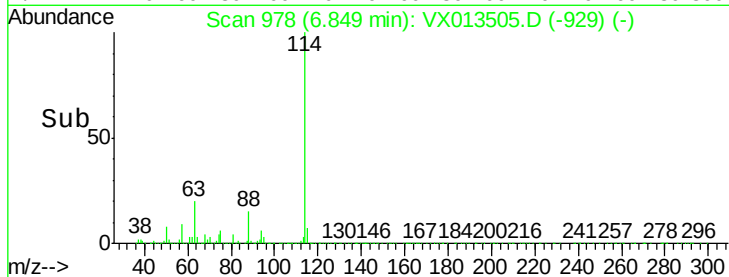
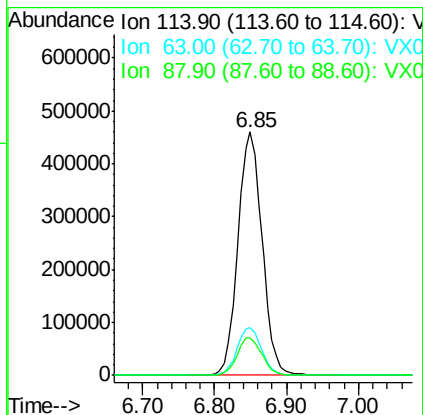
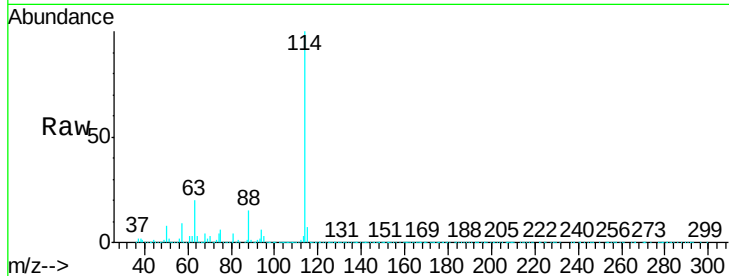




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

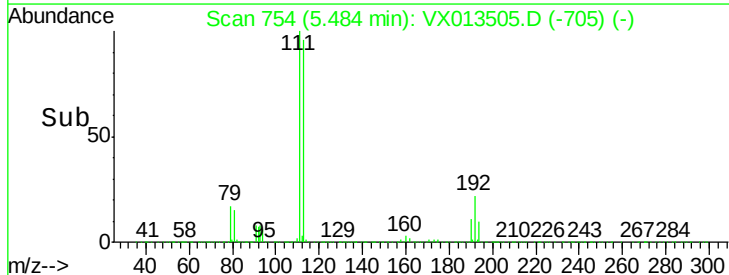
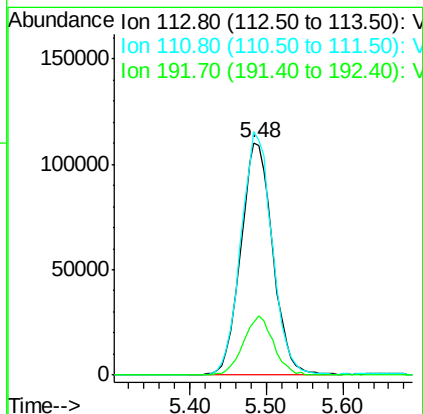
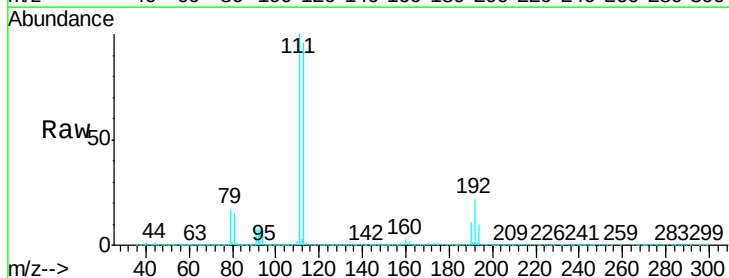
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

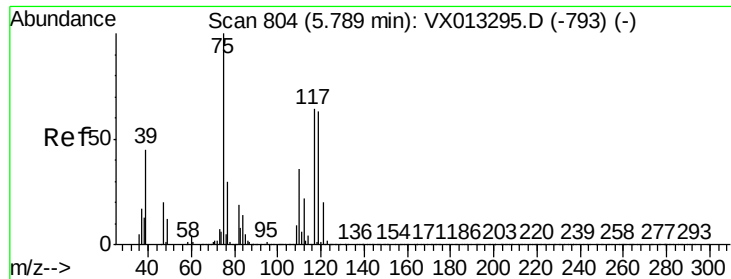
Tgt Ion:114 Resp: 1073238
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.317 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:113 Resp: 318511
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 24.2 19.1 28.7

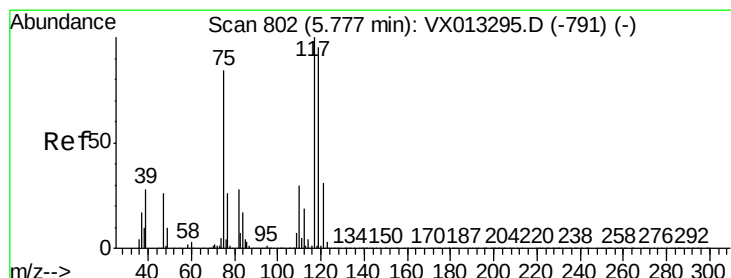
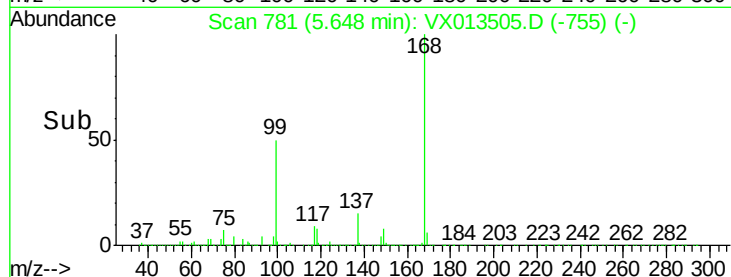
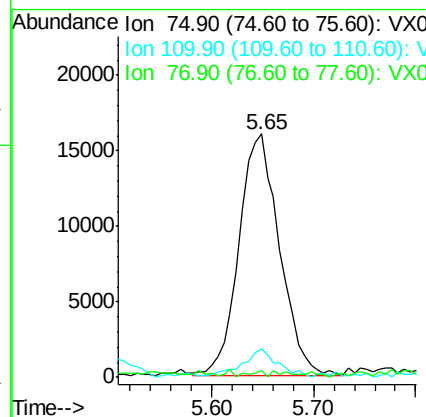
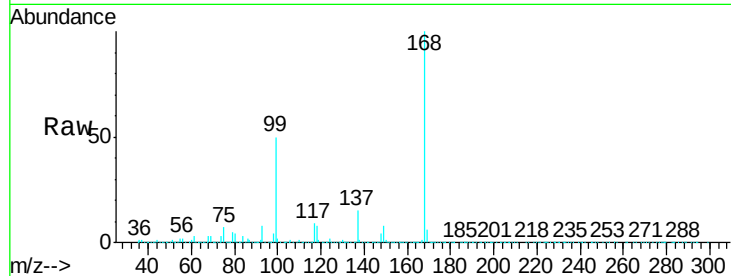




#36
 1,1-Dichloropropene
 Concen: 4.778 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013505.D
 Acq: 21 Nov 2019 16:00

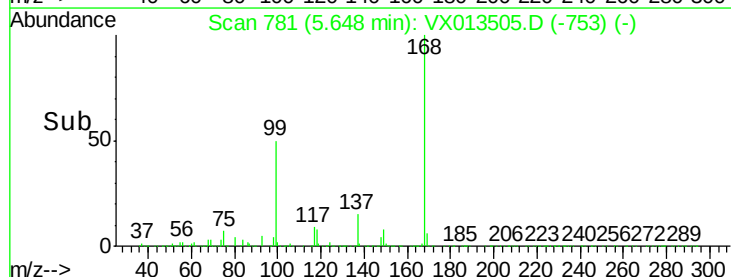
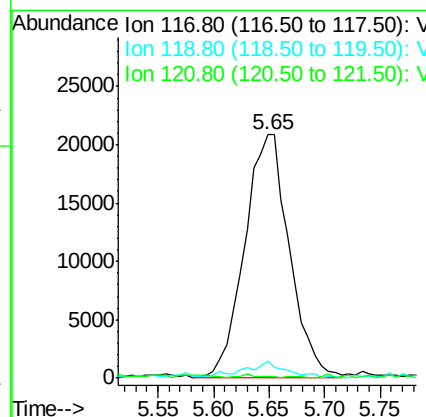
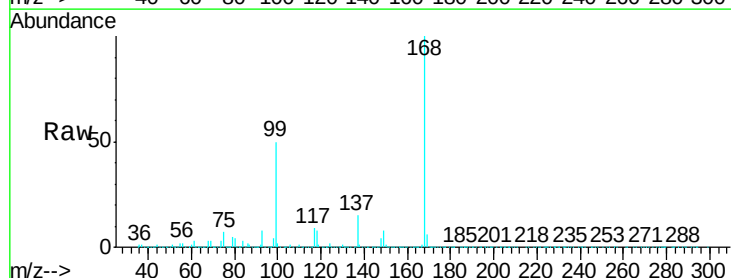
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

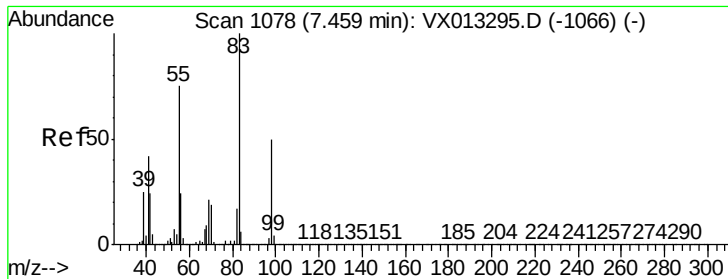
Tgt Ion: 75 Resp: 43993
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.1 54.1#
 77 0.6 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.501 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013505.D
 Acq: 21 Nov 2019 16:00

Tgt Ion: 117 Resp: 58533
 Ion Ratio Lower Upper
 117 100
 119 6.8 76.1 114.1#
 121 0.0 24.6 37.0#

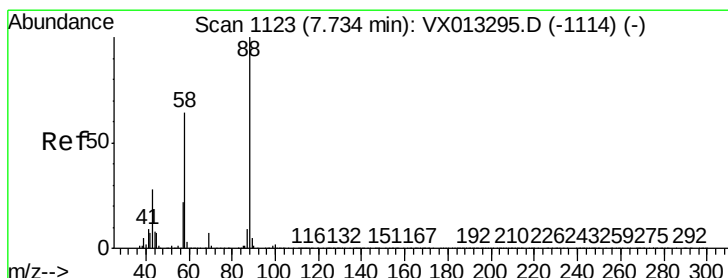
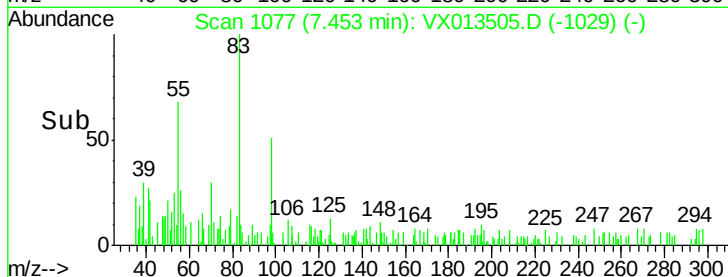
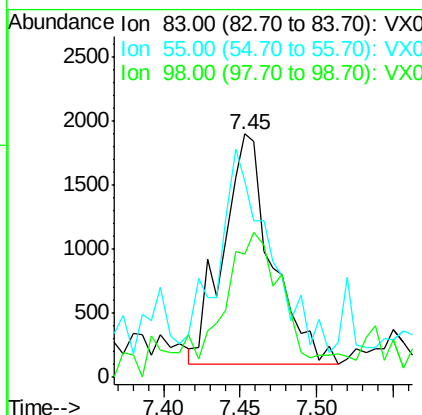
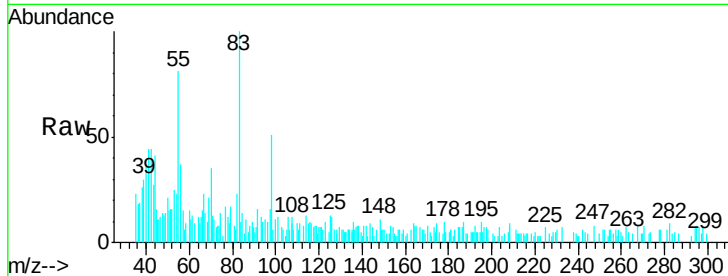




#39
Methylcyclohexane
Concen: 0.343 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

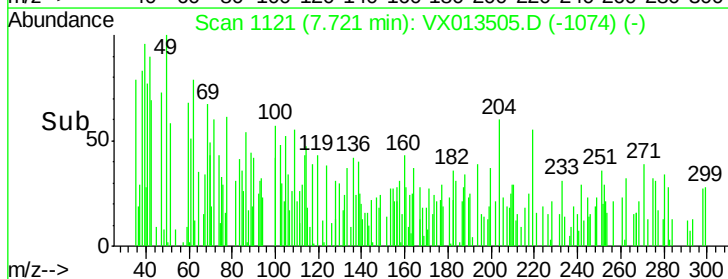
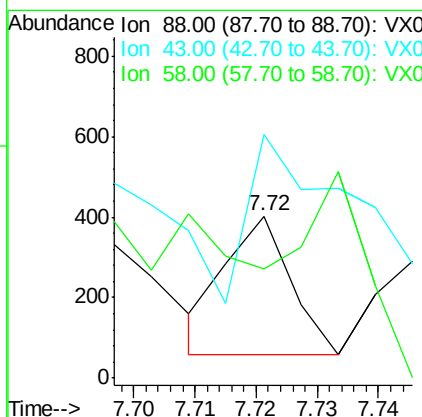
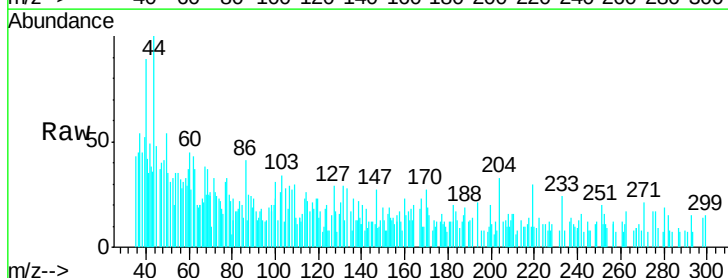
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

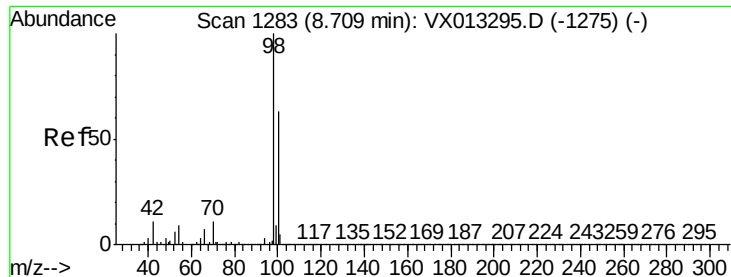
Tgt Ion:	83	Resp:	3937
Ion	Ratio	Lower	Upper
83	100		
55	70.3	60.3	90.5
98	43.6	40.3	60.5



#49
1,4-Dioxane
Concen: 1.249 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:	88	Resp:	253
Ion	Ratio	Lower	Upper
88	100		
43	190.9	26.6	39.8#
58	154.5	55.0	82.6#

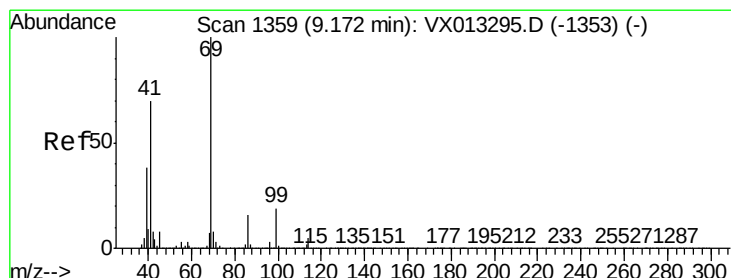
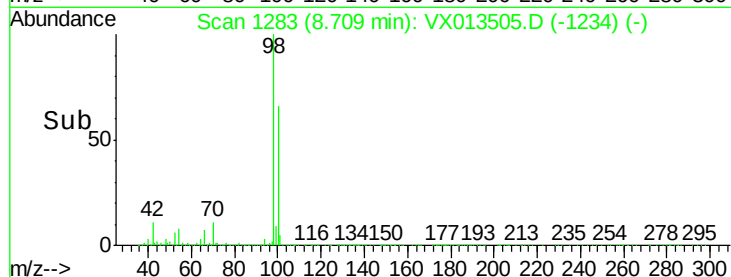
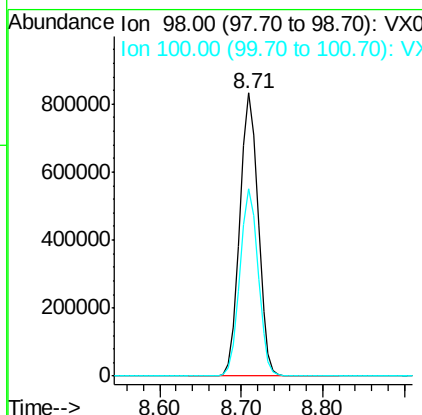
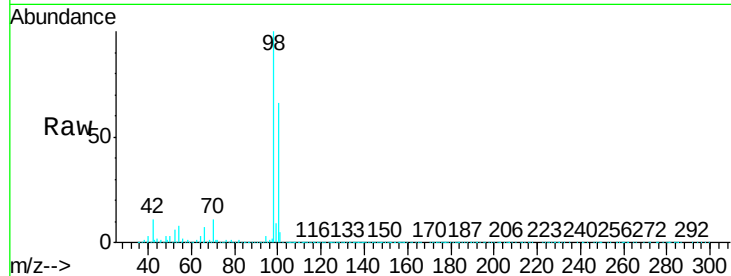




#50
Toluene-d8
Concen: 50.800 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

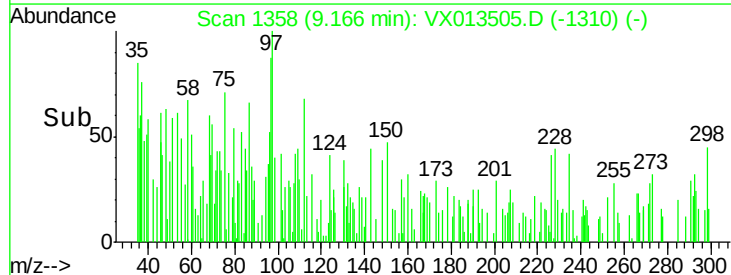
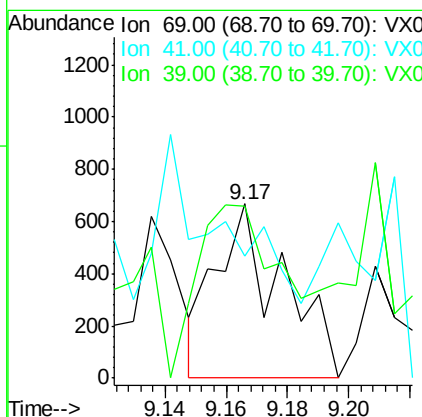
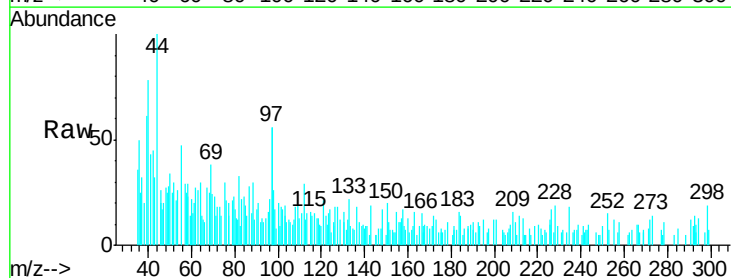
Instrument :
MSVOA_X
ClientSampled :
MW-4DL

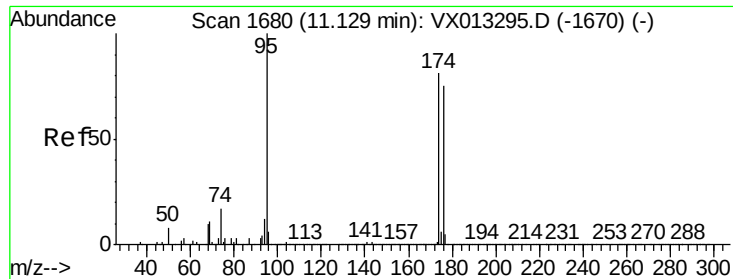
Tgt Ion: 98 Resp: 1289159
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



#56
Ethyl methacrylate
Concen: 1.640 ug/l
RT: 9.17 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion: 69 Resp: 1003
Ion Ratio Lower Upper
69 100
41 0.0 56.2 84.2#
39 134.8 31.1 46.7#

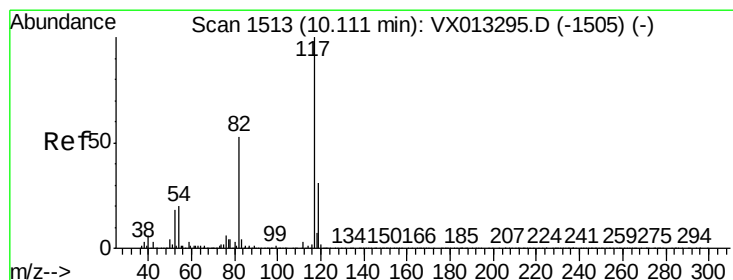
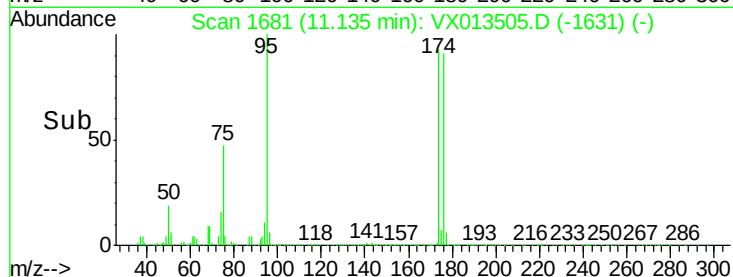
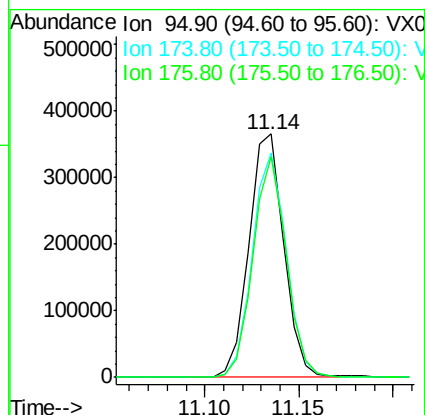
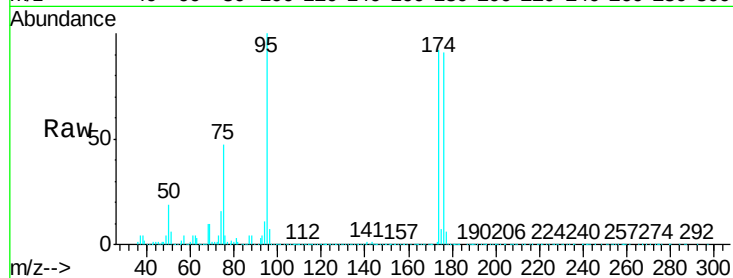




#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

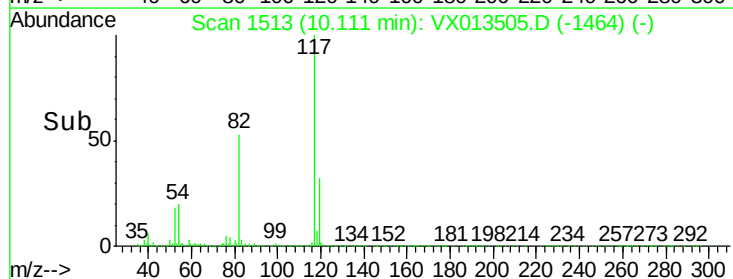
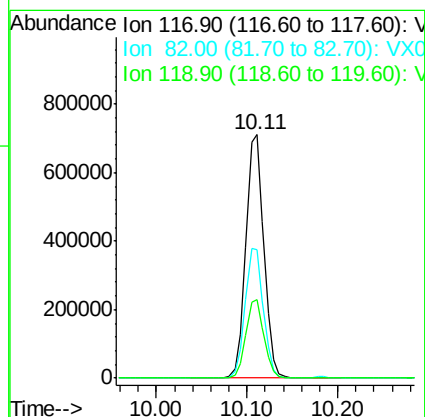
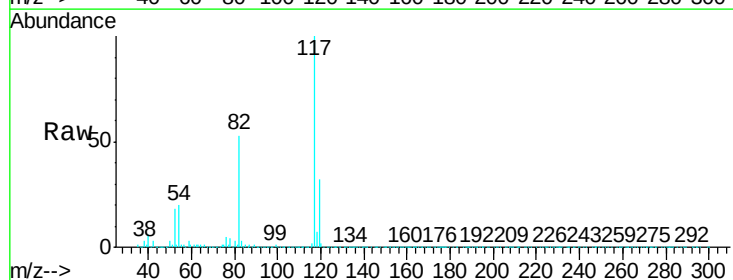
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

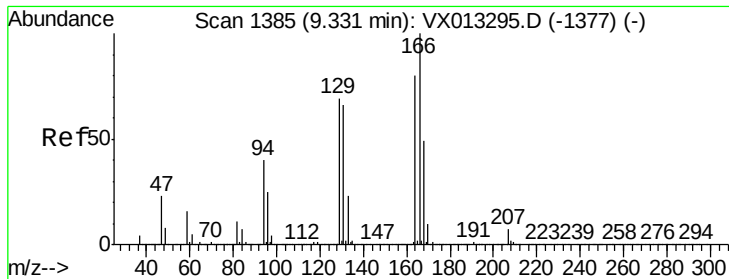
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	179.8
176	86.8	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.6	64.0
119	32.1	24.8	37.2





#64

Tetrachloroethene

Concen: 0.311 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

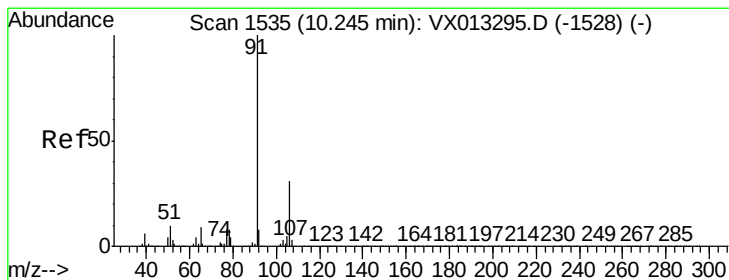
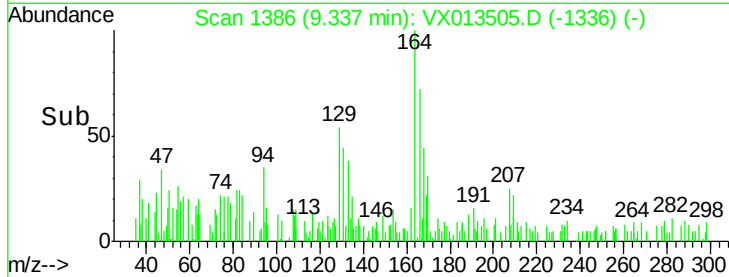
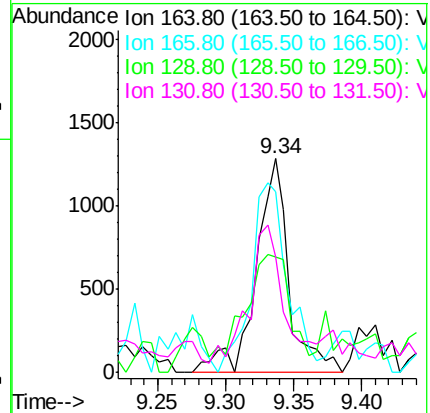
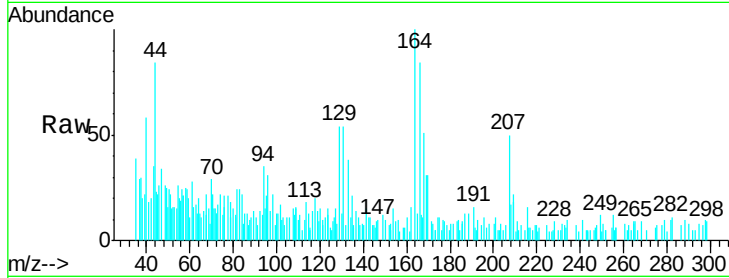
Instrument :

MSVOA_X

ClientSampleId :

MW-4DL

Tgt Ion:	164	Resp:	2175
Ion	Ratio	Lower	Upper
164	100		
166	65.2	100.4	150.6#
129	38.6	69.4	104.2#
131	45.4	66.6	100.0#



#67

Ethyl Benzene

Concen: 10.529 ug/l

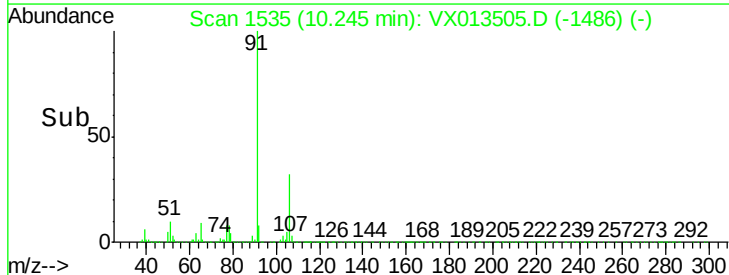
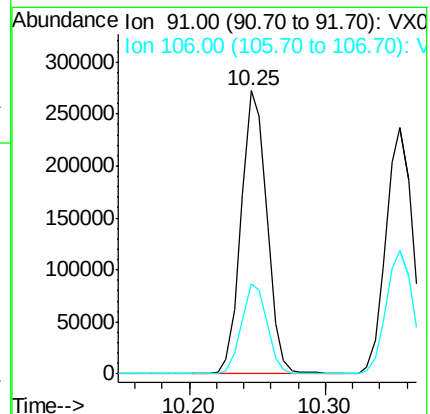
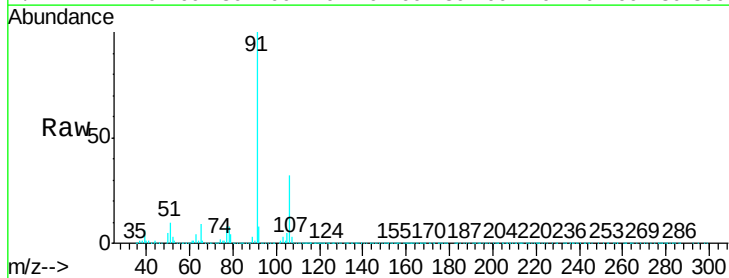
RT: 10.25 min Scan# 1535

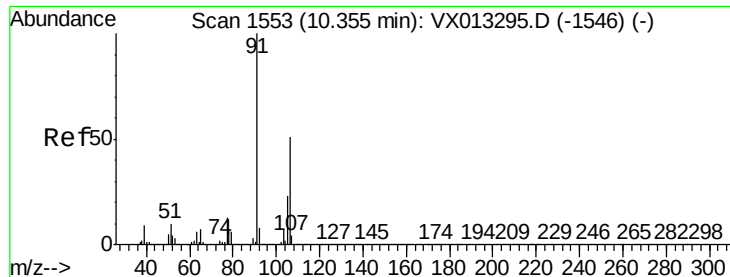
Delta R.T. -0.00 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Tgt Ion:	91	Resp:	359748
Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.6	36.8





#68

m/p-Xylenes

Concen: 12.622 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampled :

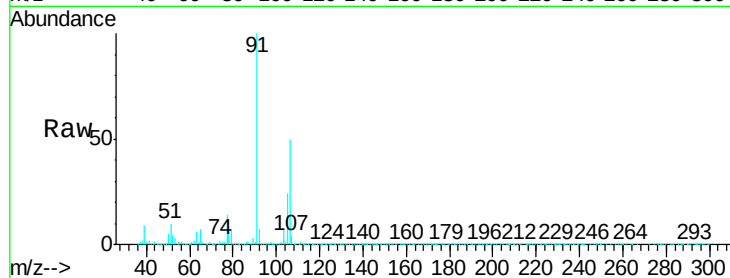
MW-4DL

Tgt Ion:106 Resp: 163104

Ion Ratio Lower Upper

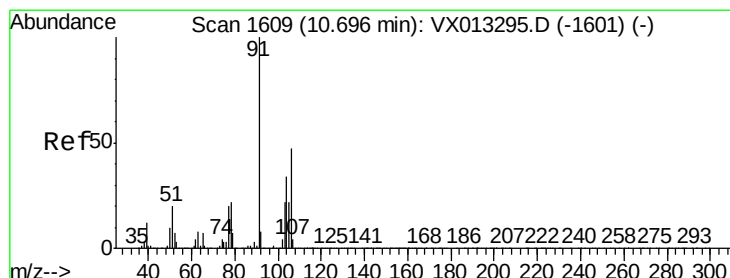
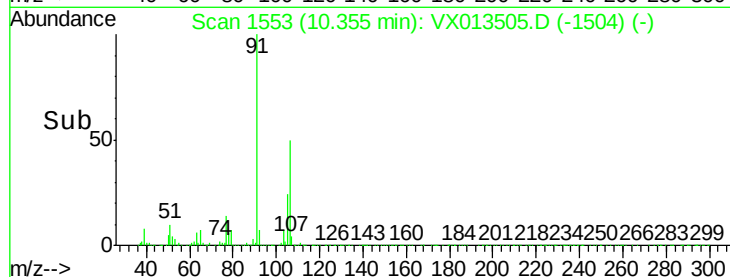
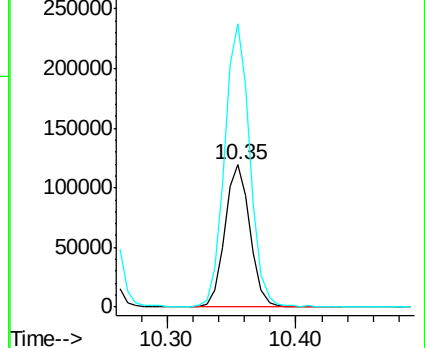
106 100

91 201.1 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.935 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013505.D

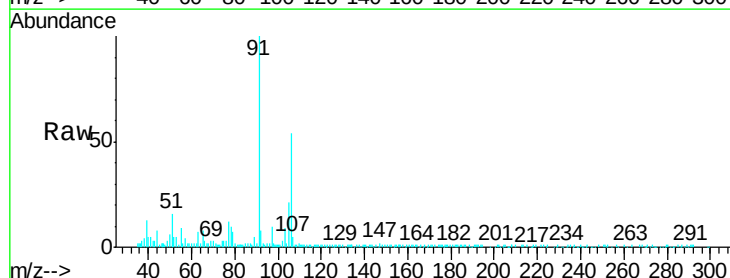
Acq: 21 Nov 2019 16:00

Tgt Ion:106 Resp: 11830

Ion Ratio Lower Upper

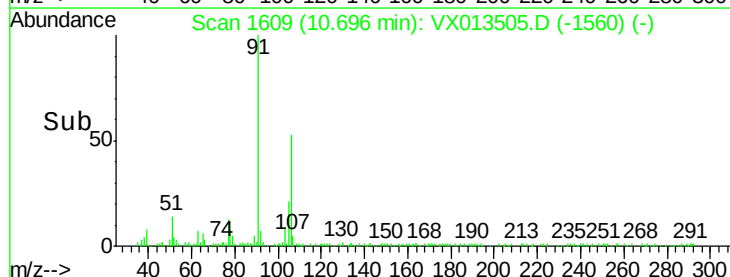
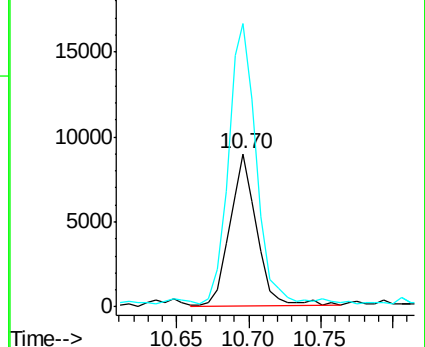
106 100

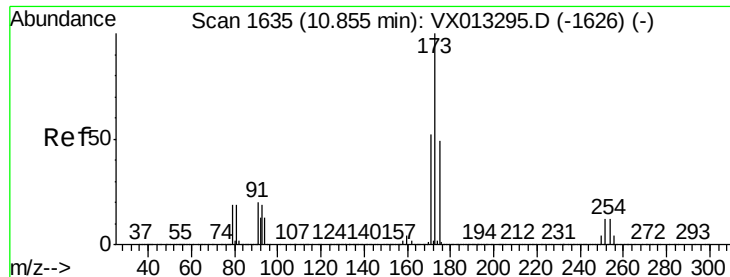
91 187.7 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

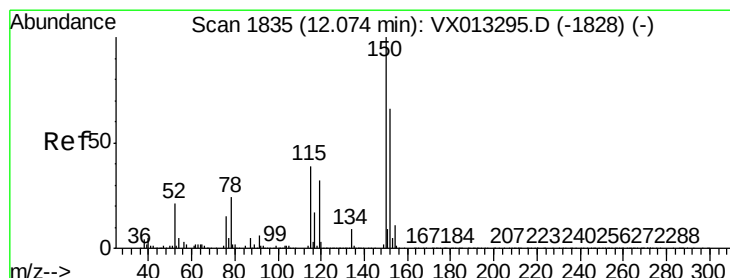
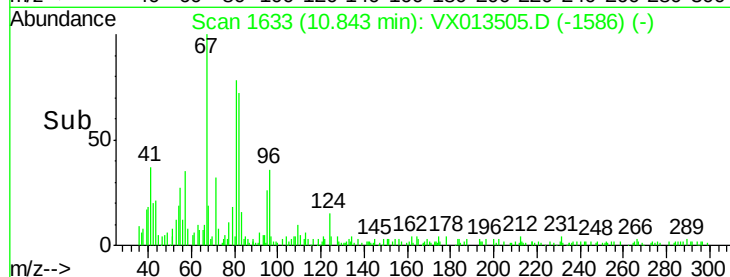
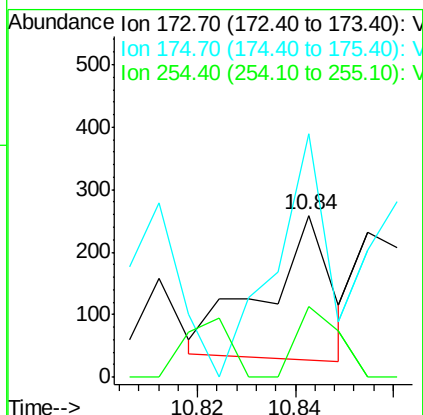
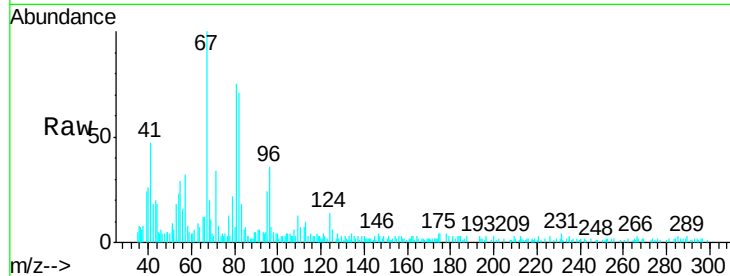




#71
Bromoform
Concen: 3.233 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

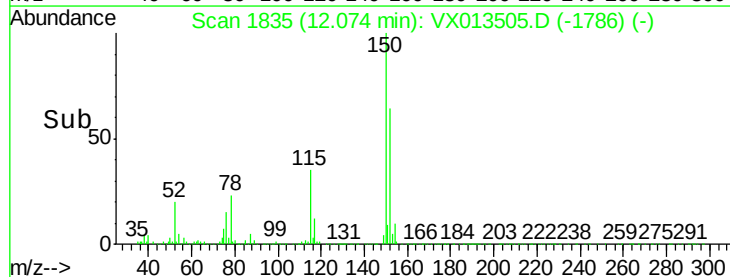
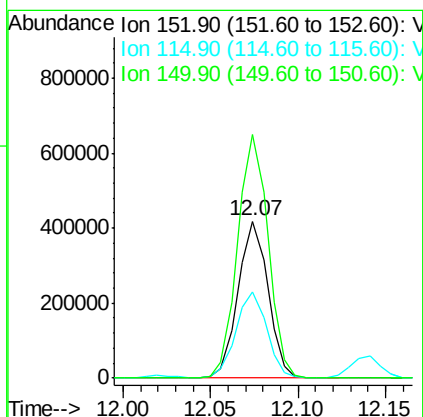
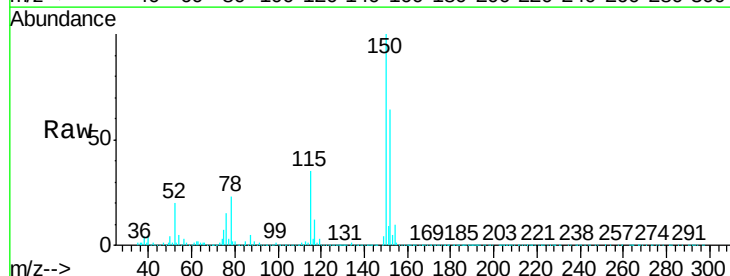
Instrument :
MSVOA_X
ClientSampled :
MW-4DL

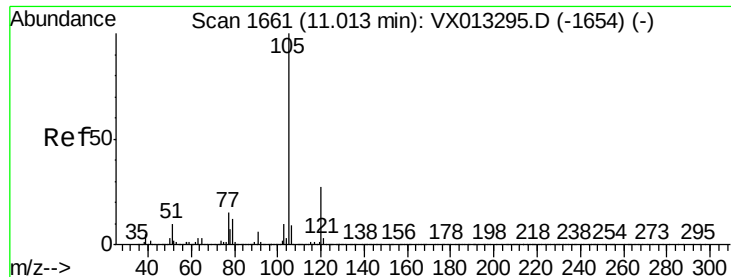
Tgt Ion:173 Resp: 216
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 31.9 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion:152 Resp: 500312
Ion Ratio Lower Upper
152 100
115 56.9 39.5 118.3
150 157.5 0.0 344.4





#73

Isopropylbenzene

Concen: 8.474 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampled :

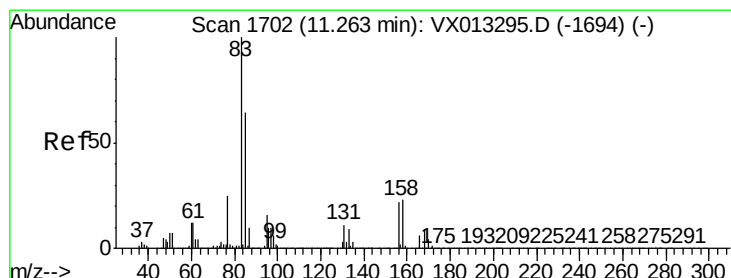
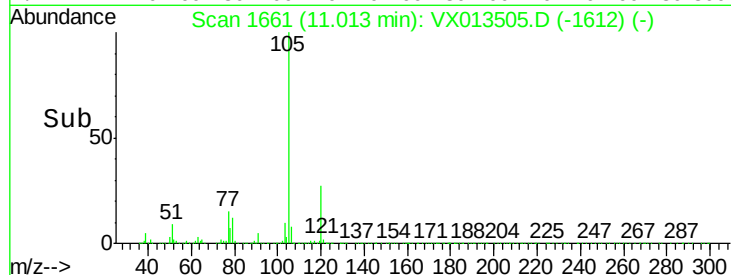
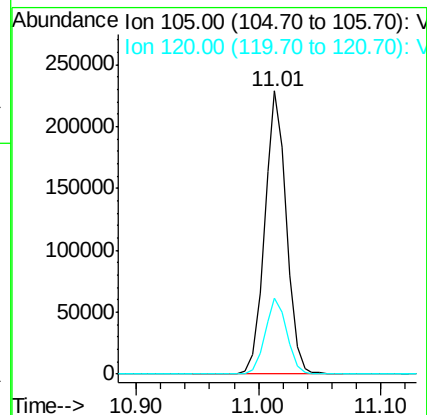
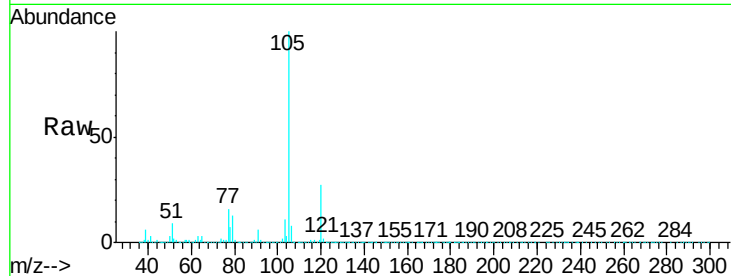
MW-4DL

Tgt Ion: 105 Resp: 281097

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#75

1,1,2,2-Tetrachloroethane

Concen: 0.260 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.01 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

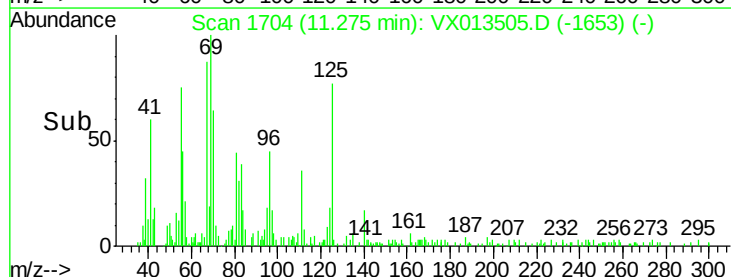
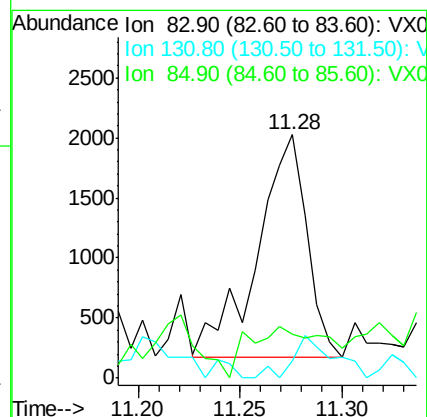
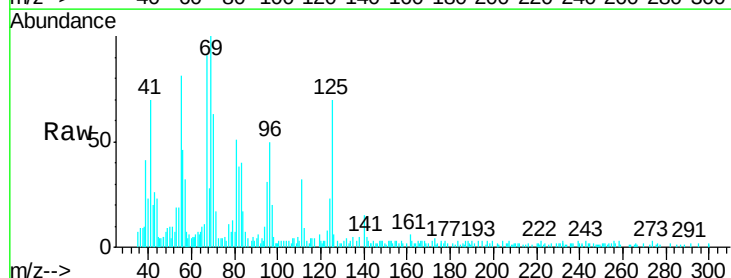
Tgt Ion: 83 Resp: 3149

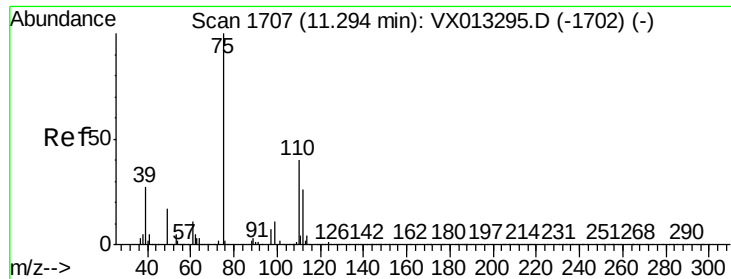
Ion Ratio Lower Upper

83 100

131 15.5 5.1 15.3#

85 36.0 32.3 96.8





#76

1,2,3-Trichloropropane

Concen: 0.810 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.13 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

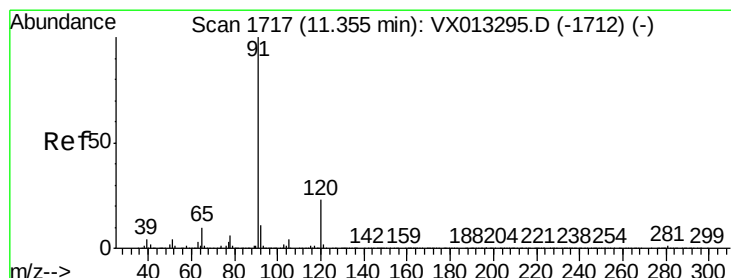
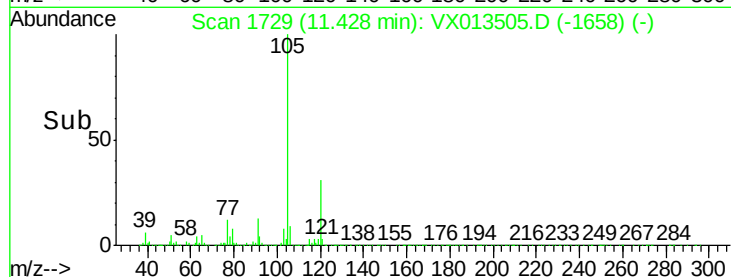
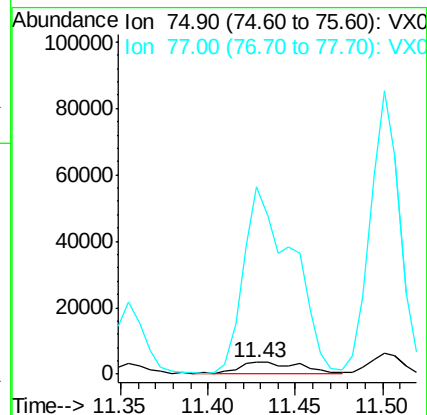
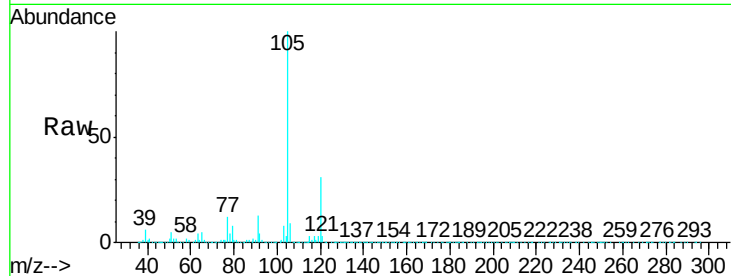
MW-4DL

Tgt Ion: 75 Resp: 8230

Ion Ratio Lower Upper

75 100

77 1329.2 22.3 66.8#



#78

n-propylbenzene

Concen: 16.791 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013505.D

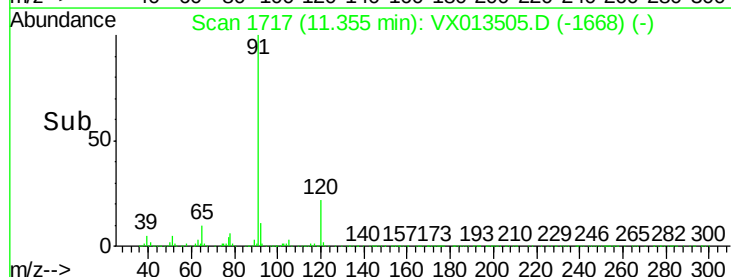
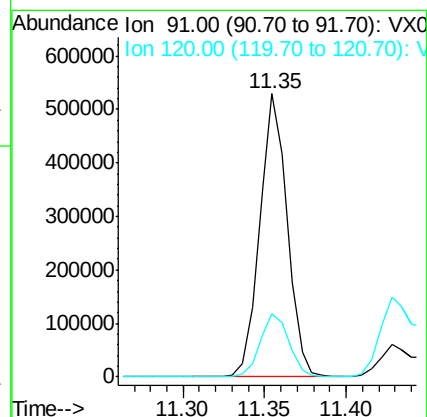
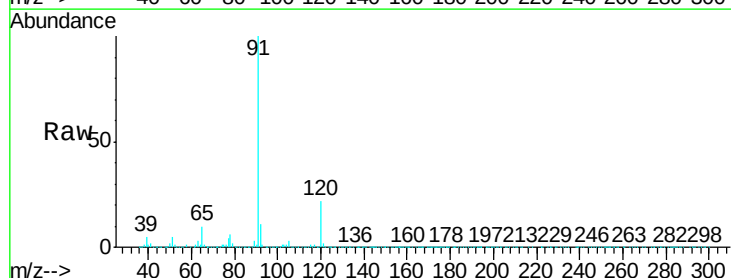
Acq: 21 Nov 2019 16:00

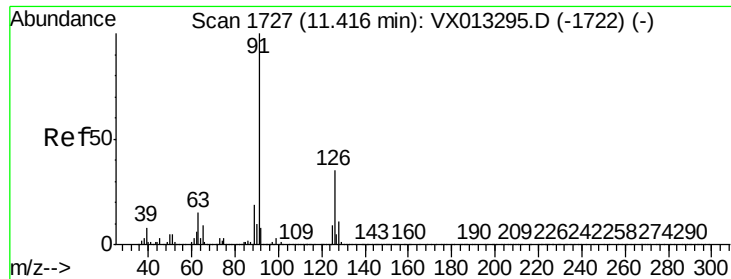
Tgt Ion: 91 Resp: 620459

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

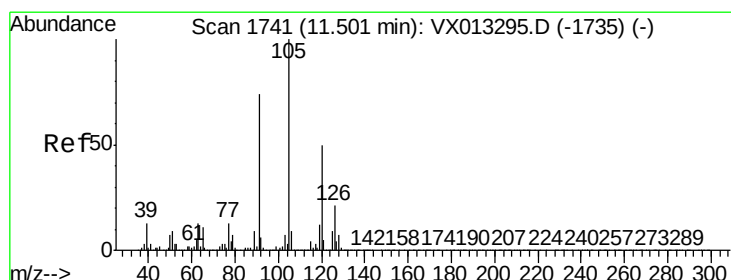
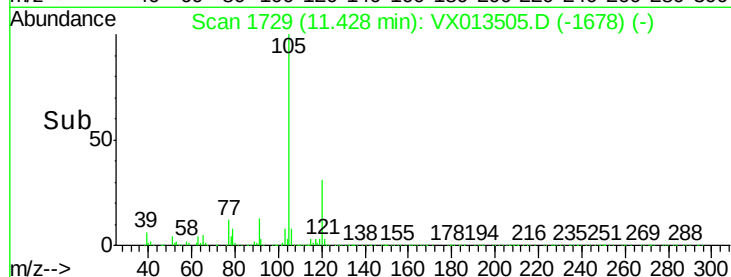
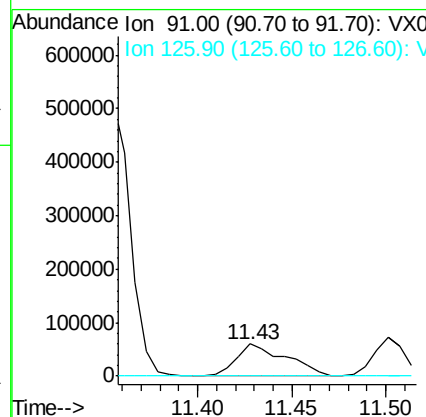
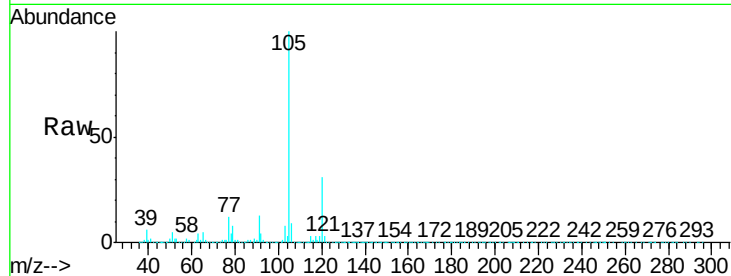




#79
 2-Chlorotoluene
 Concen: 5.035 ug/l
 RT: 11.43 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: VX013505.D
 Acq: 21 Nov 2019 16:00

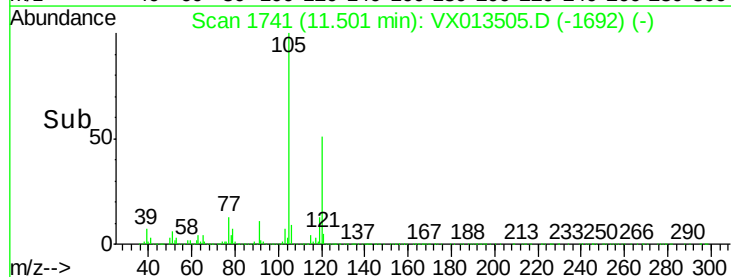
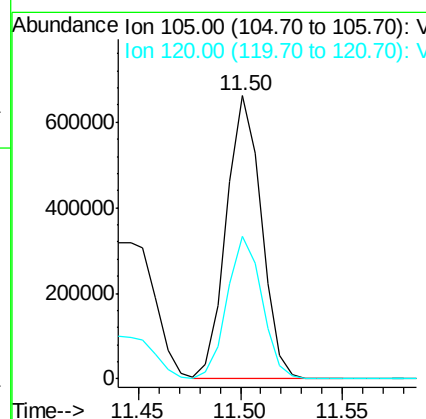
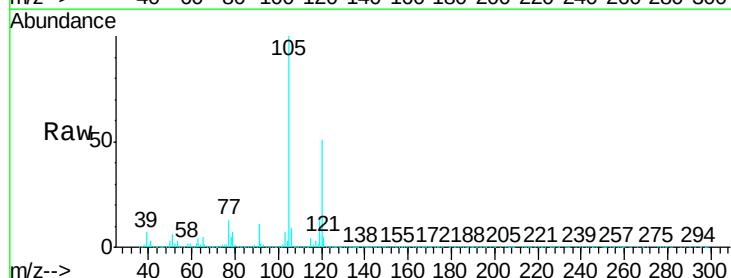
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

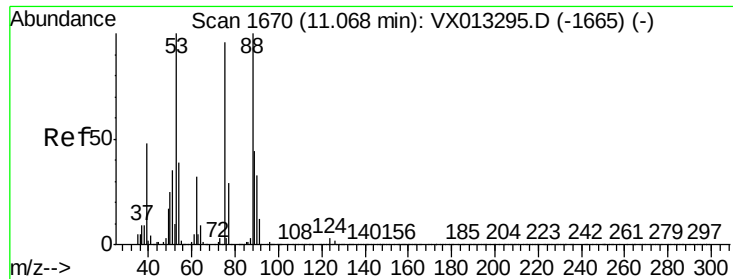
Tgt Ion: 91 Resp: 112093
 Ion Ratio Lower Upper
 91 100
 126 0.4 17.3 52.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 28.321 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013505.D
 Acq: 21 Nov 2019 16:00

Tgt Ion: 105 Resp: 782521
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 58.136 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

MW-4DL

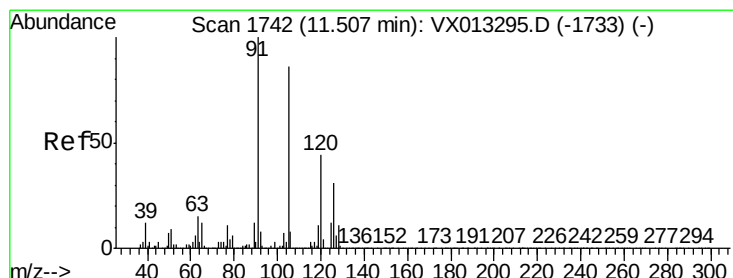
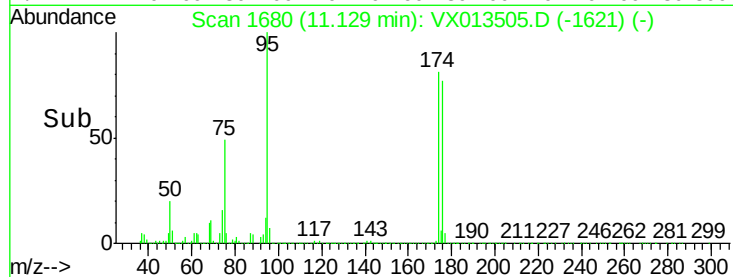
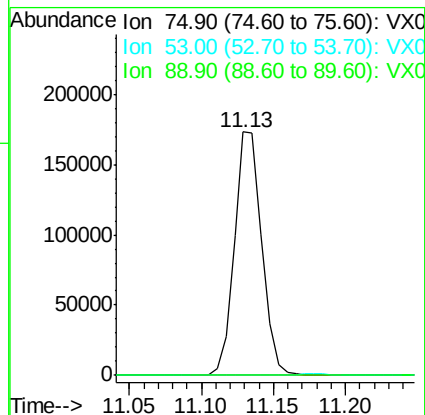
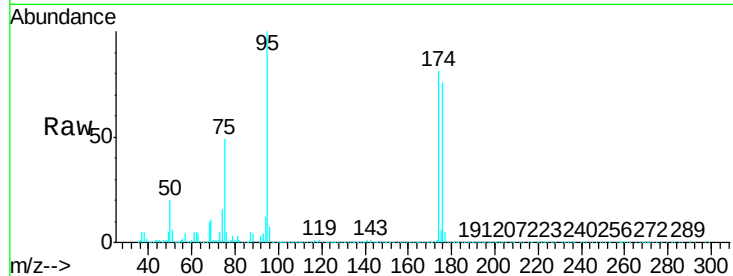
Tgt Ion: 75 Resp: 229519

Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.6#

89 0.0 36.0 54.0#



#82

4-Chlorotoluene

Concen: 3.167 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX013505.D

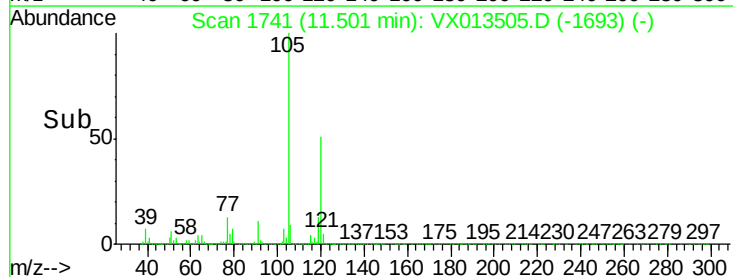
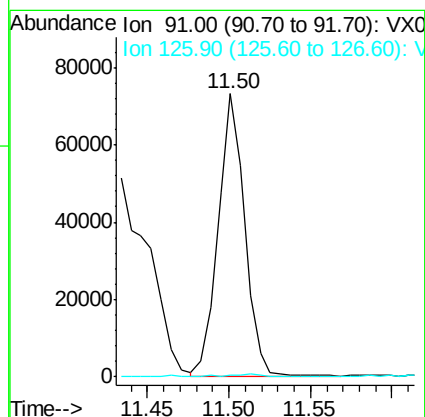
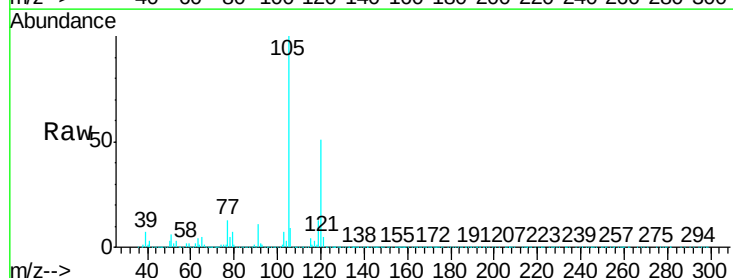
Acq: 21 Nov 2019 16:00

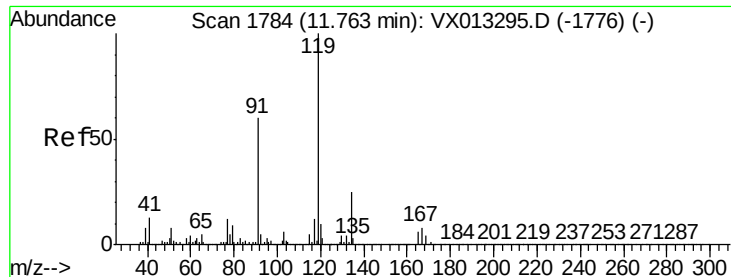
Tgt Ion: 91 Resp: 82535

Ion Ratio Lower Upper

91 100

126 1.1 15.3 45.8#

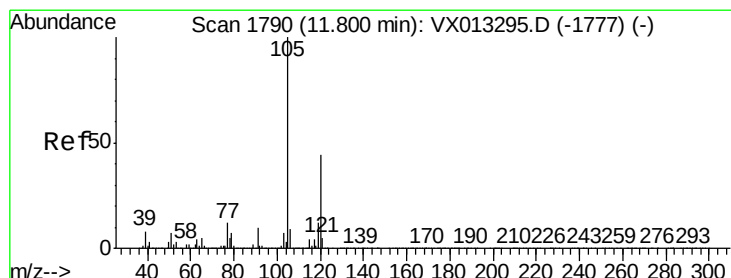
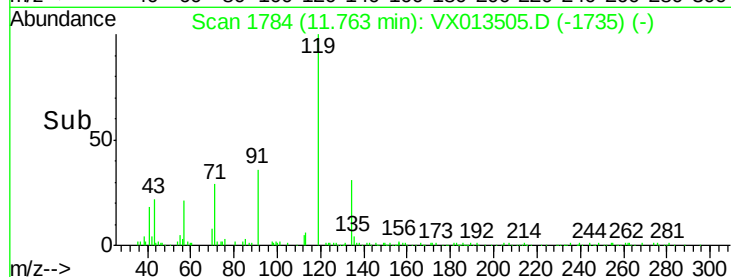
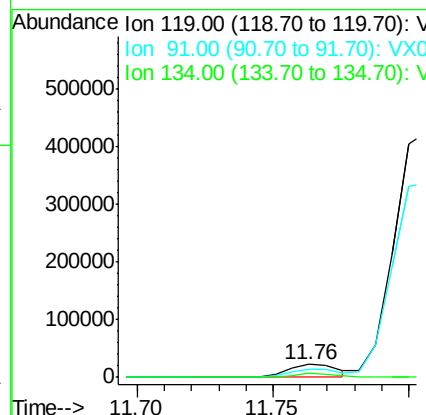
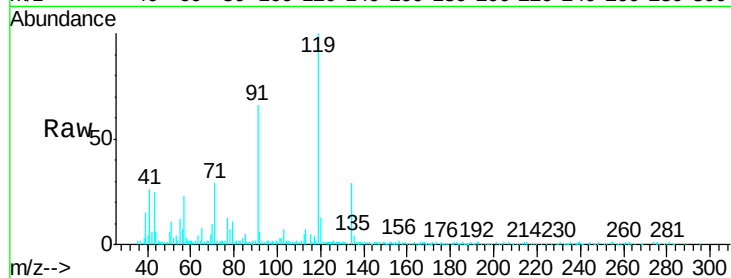




#83
 tert-Butylbenzene
 Concen: 1.004 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013505.D
 Acq: 21 Nov 2019 16:00

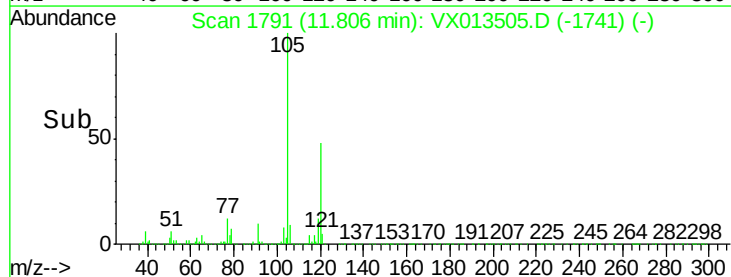
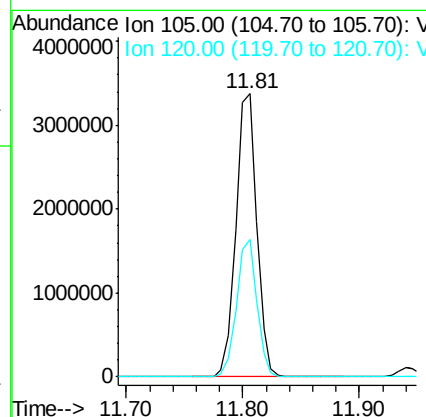
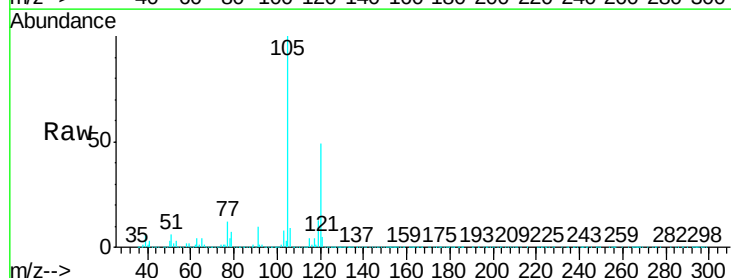
Instrument :
 MSVOA_X
 ClientSampled :
 MW-4DL

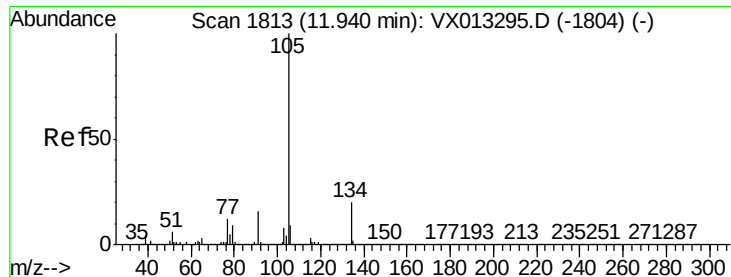
Tgt Ion:119 Resp: 27938
 Ion Ratio Lower Upper
 119 100
 91 65.9 26.9 80.7
 134 28.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 152.306 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013505.D
 Acq: 21 Nov 2019 16:00

Tgt Ion:105 Resp: 4221461
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 4.379 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampleId :

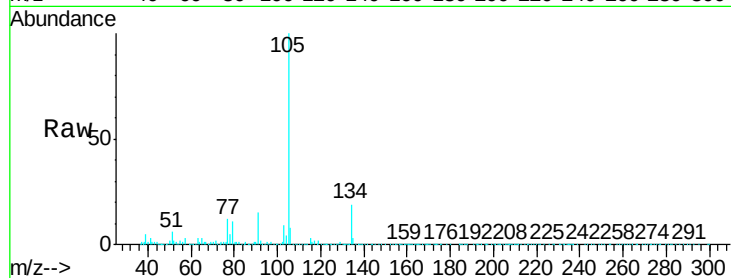
MW-4DL

Tgt Ion:105 Resp: 139965

Ion Ratio Lower Upper

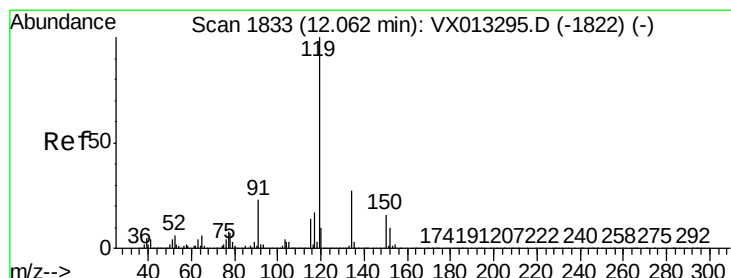
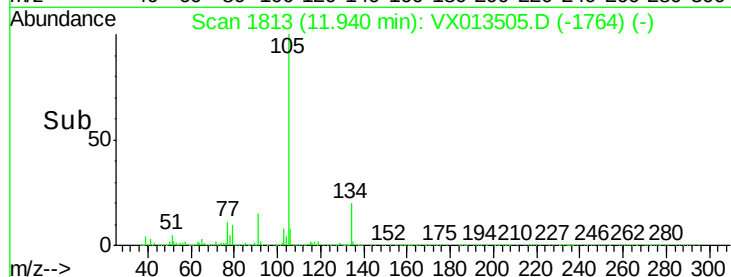
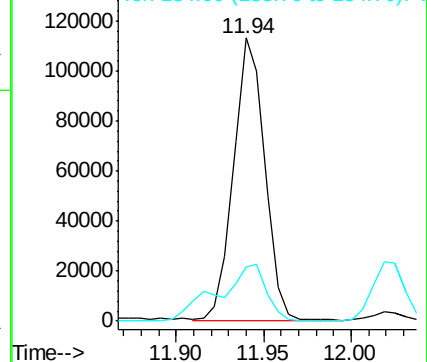
105 100

134 31.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.518 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

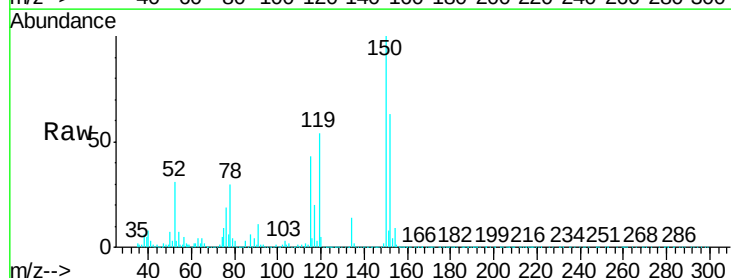
Tgt Ion:119 Resp: 132978

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

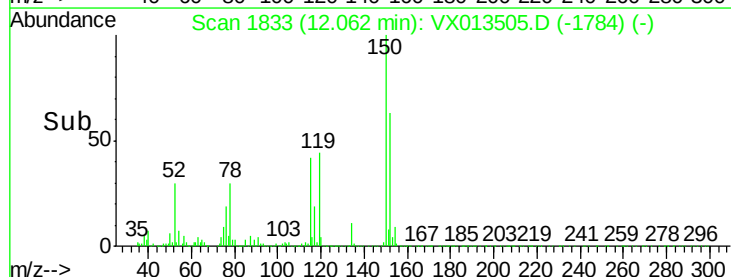
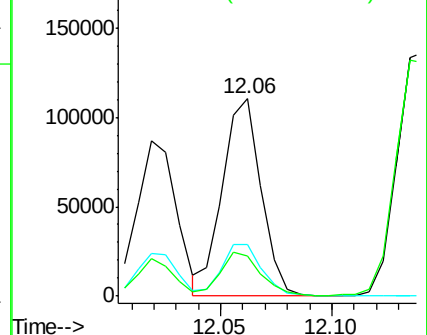
91 22.7 11.5 34.4

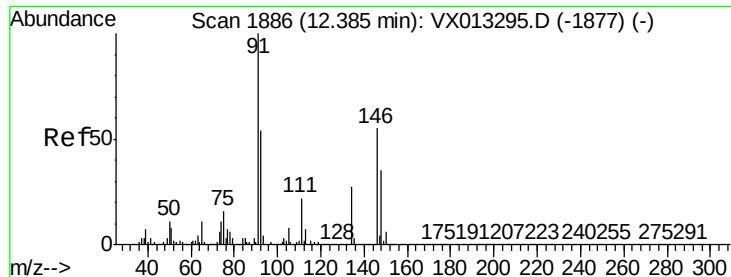


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 4.960 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX013505.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_X

ClientSampled :

MW-4DL

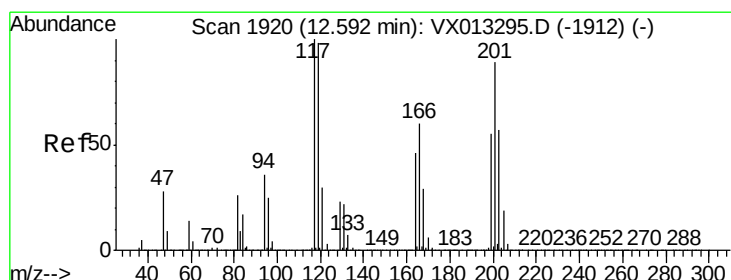
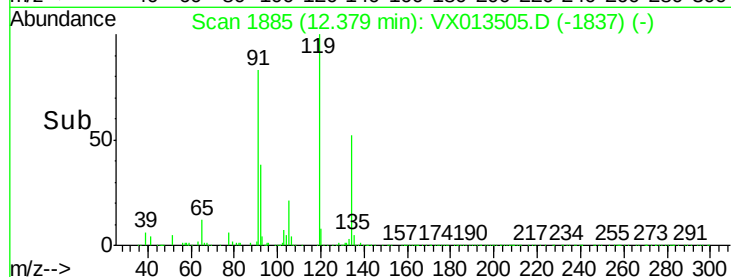
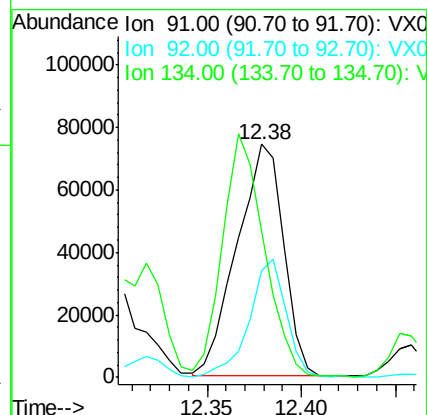
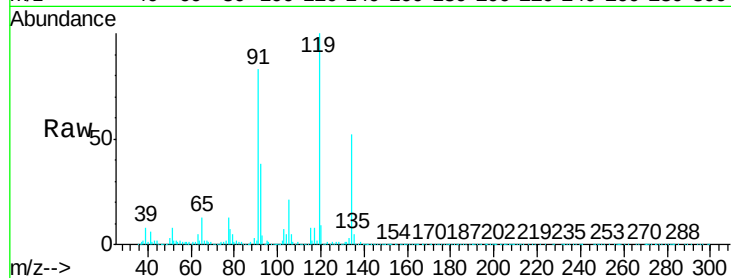
Tgt Ion: 91 Resp: 127392

Ion Ratio Lower Upper

91 100

92 39.9 27.3 81.8

134 92.7 13.5 40.5#



#90

Hexachloroethane

Concen: 3.456 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013505.D

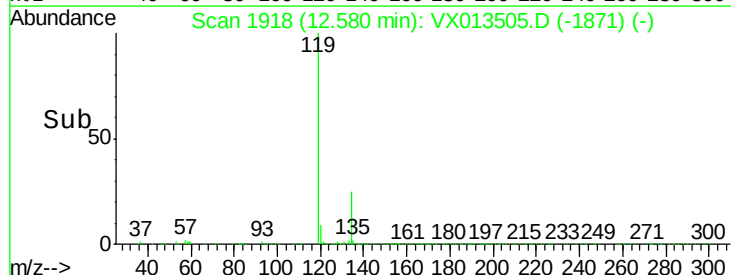
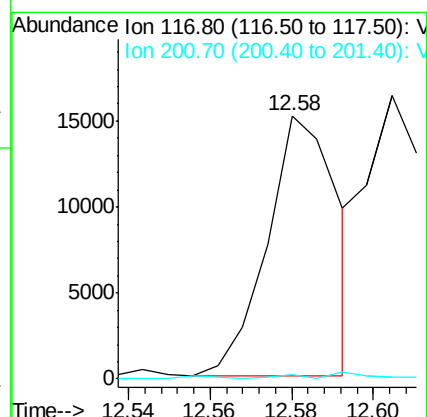
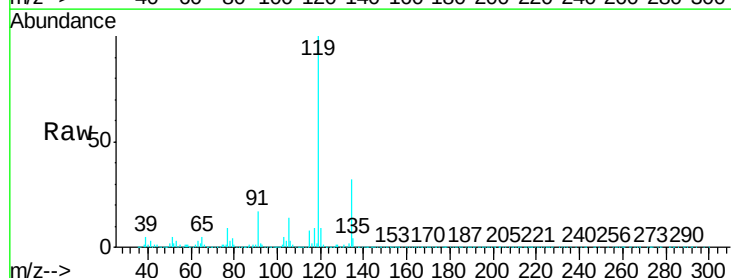
Acq: 21 Nov 2019 16:00

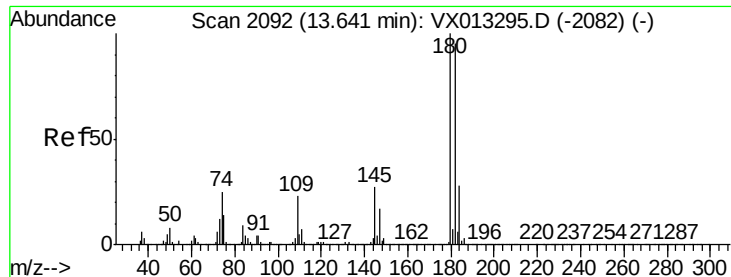
Tgt Ion: 117 Resp: 18125

Ion Ratio Lower Upper

117 100

201 2.0 43.9 131.7#

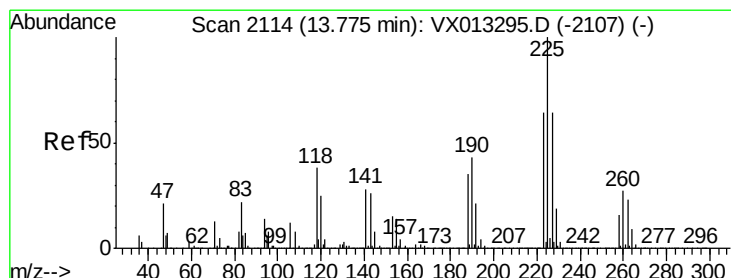
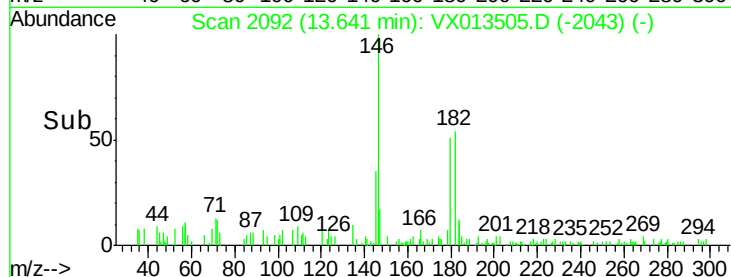
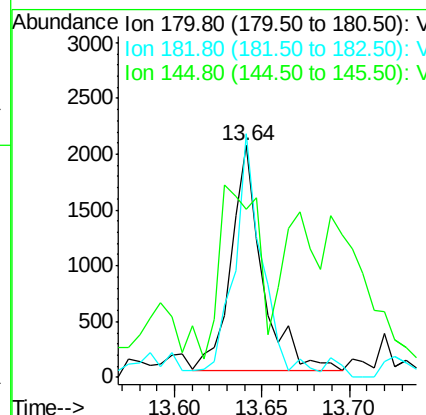
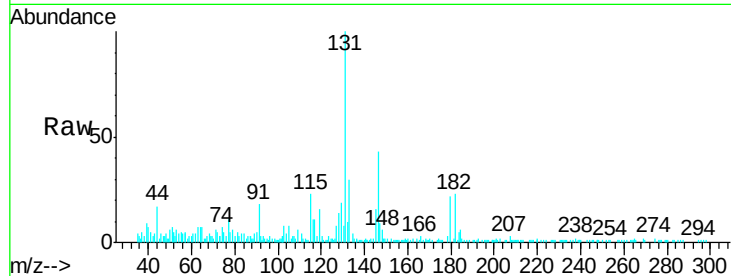




#93
 1,2,4-Trichlorobenzene
 Concen: 0.230 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013505.D
 Acq: 21 Nov 2019 16:00

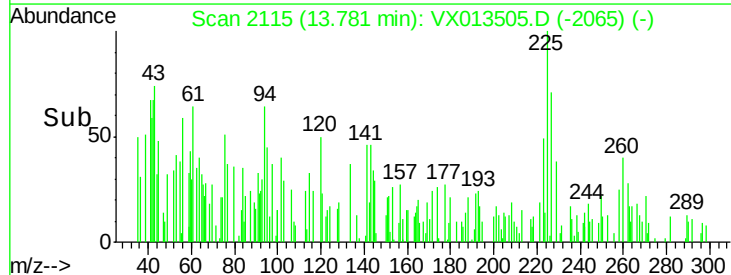
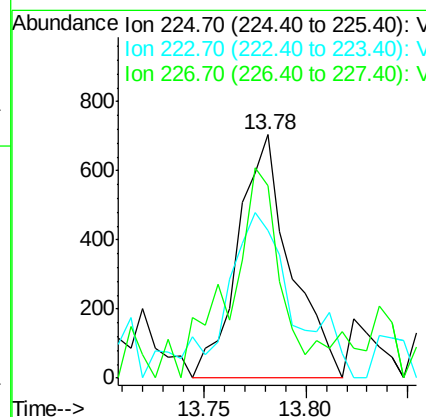
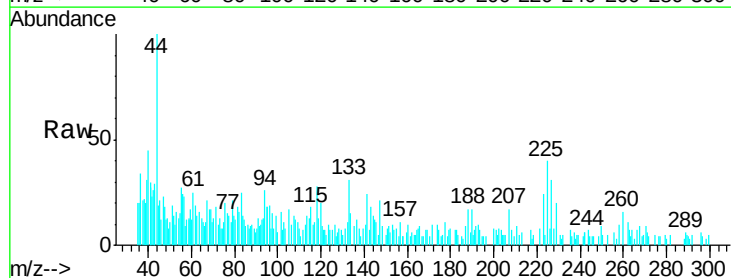
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

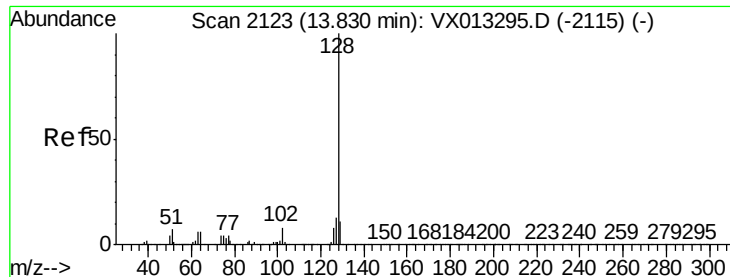
Tgt Ion:180 Resp: 2525
 Ion Ratio Lower Upper
 180 100
 182 89.4 48.4 145.0
 145 103.1 14.1 42.4#



#94
 Hexachlorobutadiene
 Concen: 0.233 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013505.D
 Acq: 21 Nov 2019 16:00

Tgt Ion:225 Resp: 1253
 Ion Ratio Lower Upper
 225 100
 223 87.0 31.9 95.7
 227 84.1 31.9 95.9

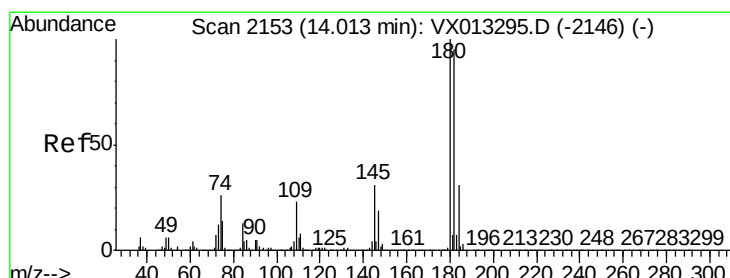
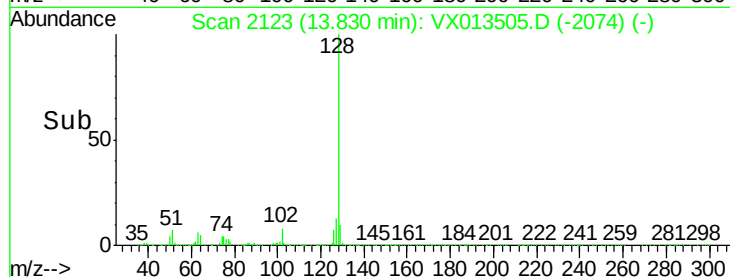
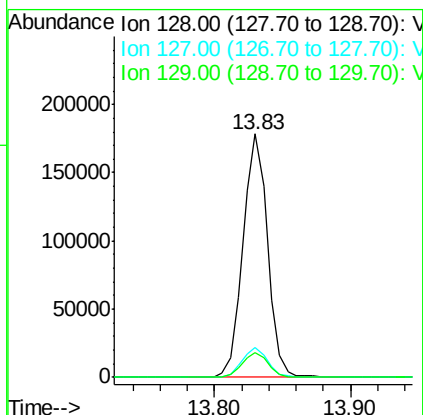
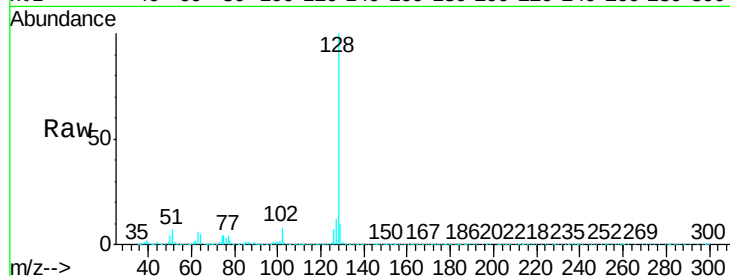




#95
Naphthalene
Concen: 6.478 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 0.203 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013505.D
Acq: 21 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.9	48.0	144.2
145	72.3	15.4	46.4#

