

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016915.D
 Acq On : 20 Jun 2020 07:47
 Operator : JC/SP
 Sample : L3066-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Jun 22 01:56:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	308853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	539766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	518152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	287136	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	179582	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
35) Dibromofluoromethane	5.46	113	152670	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	
50) Toluene-d8	8.70	98	661230	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.12	95	289185	54.64	ug/l	0.00
Spiked Amount			Recovery	=	109.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1075	0.280	ug/l	92
11) Tert butyl alcohol	3.01	59	41303	65.775	ug/l	97
13) Acrolein	2.26	56	103	0.271	ug/l #	1
16) Acetone	2.42	43	6367	4.722	ug/l	96
17) Carbon Disulfide	2.55	76	2829	0.332	ug/l	97
20) Methylene Chloride	2.84	84	1214	0.375	ug/l	90
25) 2-Butanone	4.64	43	506	0.273	ug/l #	78
27) cis-1,2-Dichloroethene	4.57	96	1375	0.393	ug/l	74
28) Bromochloromethane	5.18	49	548	0.253	ug/l #	4
30) Chloroform	5.18	83	6816	1.236	ug/l	90
31) Cyclohexane	5.56	56	3253	0.708	ug/l	93
36) 1,1-Dichloropropene	5.63	75	20610	4.135	ug/l #	48
38) Carbon Tetrachloride	5.63	117	28206	5.044	ug/l #	17
39) Methylcyclohexane	7.45	83	10750	1.855	ug/l	94
40) Benzene	6.12	78	6319	0.423	ug/l	100
44) Trichloroethene	7.19	130	2619	0.572	ug/l	83
51) 4-Methyl-2-Pentanone	8.62	43	1613	0.349	ug/l #	83
55) 1,1,2-Trichloroethane	9.15	97	6821	1.821	ug/l #	20
56) Ethyl methacrylate	9.15	69	1650	0.304	ug/l #	5
59) 2-Hexanone	9.49	43	1436	0.429	ug/l	95
60) Dibromochloromethane	9.32	129	1873	0.417	ug/l #	11
64) Tetrachloroethene	9.32	164	1919	0.400	ug/l	92
67) Ethyl Benzene	10.24	91	850894	48.064	ug/l	100
68) m/p-Xylenes	10.34	106	76232	11.066	ug/l	99
69) o-Xylene	10.68	106	67598	10.612	ug/l	98
70) Styrene	10.68	104	3871	0.358	ug/l #	1
73) Isopropylbenzene	11.00	105	1851819	100.167	ug/l	99
74) N-amyl acetate	10.89	43	14561	2.256	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	14844	2.844	ug/l #	51
76) 1,2,3-Trichloropropane	11.34	75	18784	3.582	ug/l #	1
78) n-propylbenzene	11.34	91	3181236	154.187	ug/l	100
79) 2-Chlorotoluene	11.42	91	140747	11.149	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	592164	37.124	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	137282	64.107	ug/l #	14

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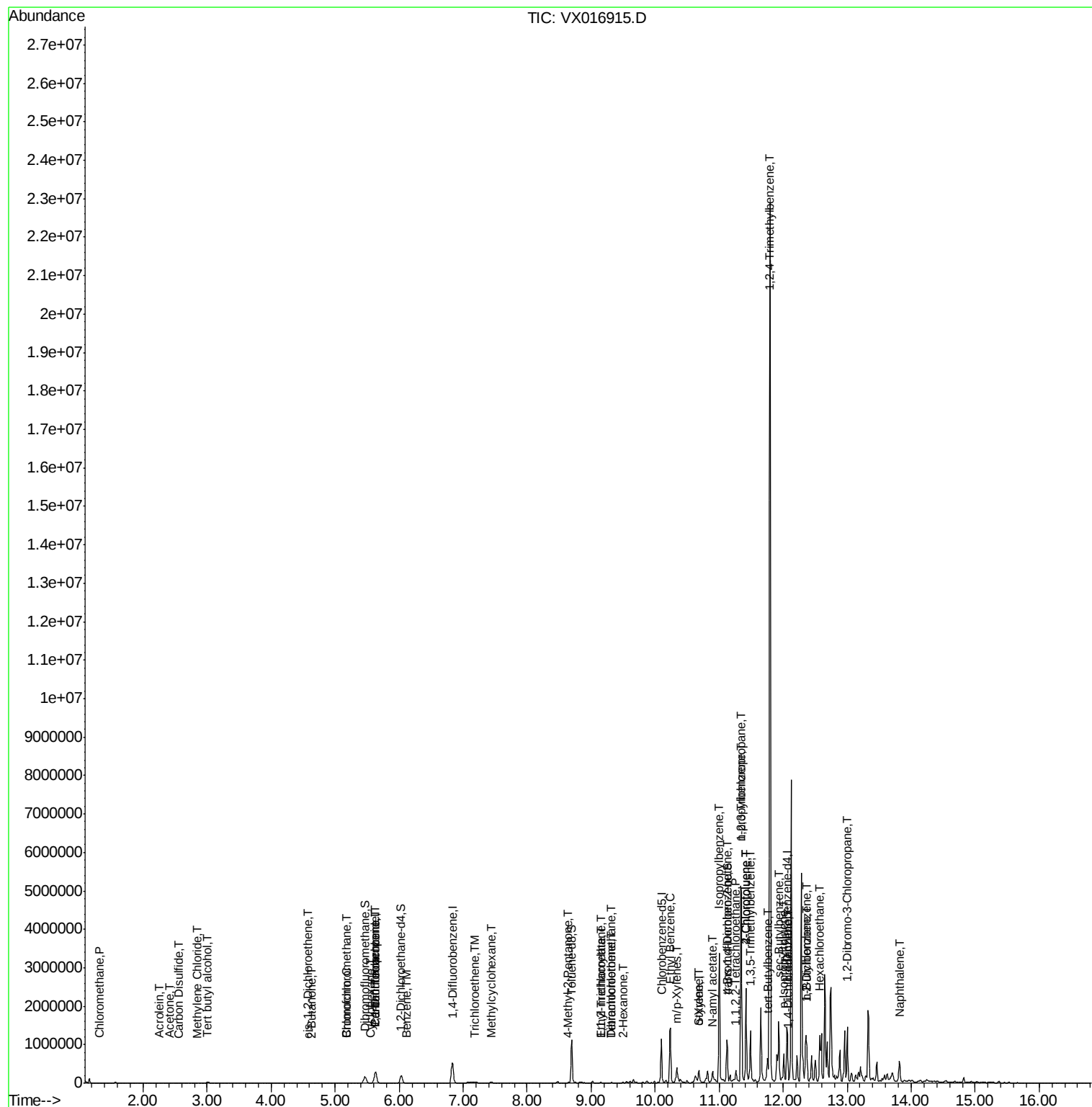
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.42	91	140747	9.294	ug/l #	45
83) tert-Butylbenzene	11.76	119	191701	12.147	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	10334971	628.987	ug/l	91
85) sec-Butylbenzene	11.93	105	815185	44.474	ug/l	79
86) p-Isopropyltoluene	12.01	119	312932	18.634	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	3875	0.416	ug/l #	65
89) n-Butylbenzene	12.37	91	406401	28.220	ug/l #	74
90) Hexachloroethane	12.57	117	54135	17.895	ug/l #	5
91) 1,2-Dichlorobenzene	12.38	146	1829	0.206	ug/l #	74
92) 1,2-Dibromo-3-Chloropropan	13.00	75	4243	3.428	ug/l #	1
95) Naphthalene	13.82	128	323729	18.466	ug/l	99

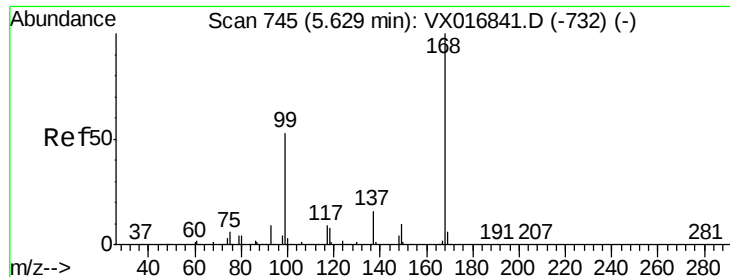
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

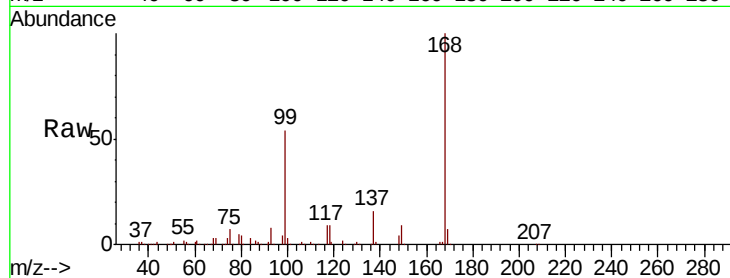
MW-5

Tot Ion:168 Resp: 308853

Ion Ratio Lower Upper

168 100

99 53.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

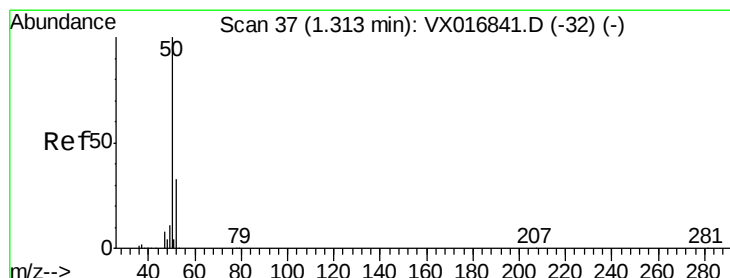
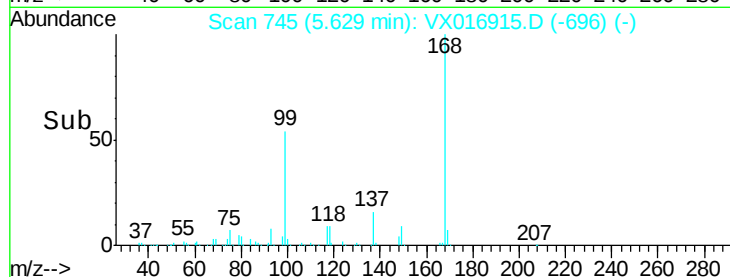
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.280 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016915.D

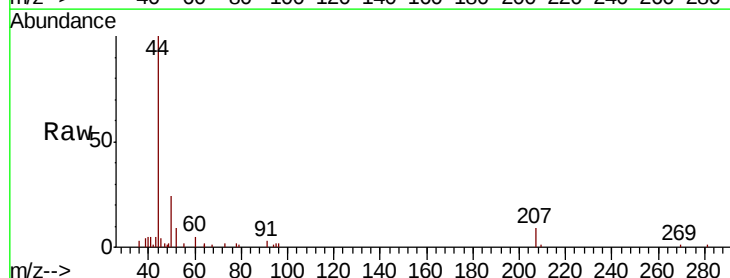
Acq: 20 Jun 2020 07:47

Tgt Ion: 50 Resp: 1075

Ion Ratio Lower Upper

50 100

52 36.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

600

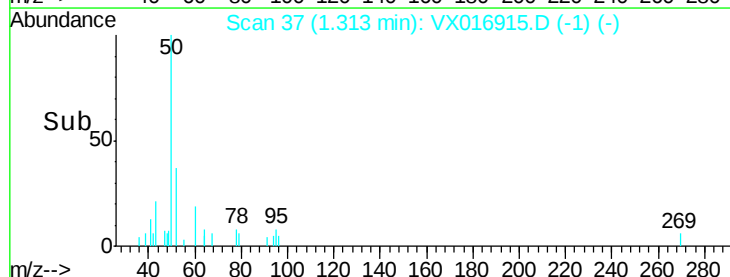
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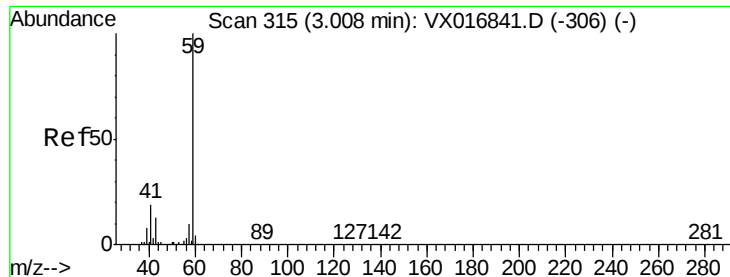
200

0

Time-->

1.30 1.35

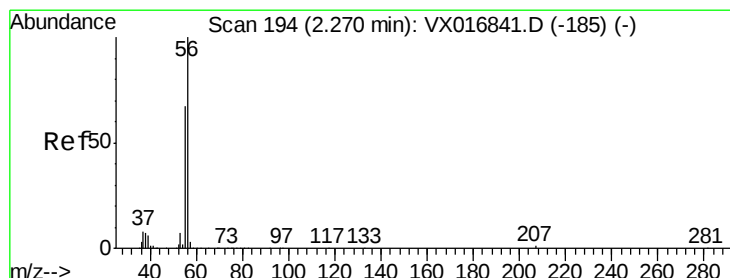
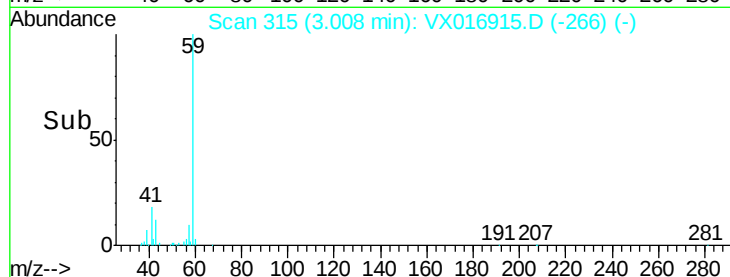
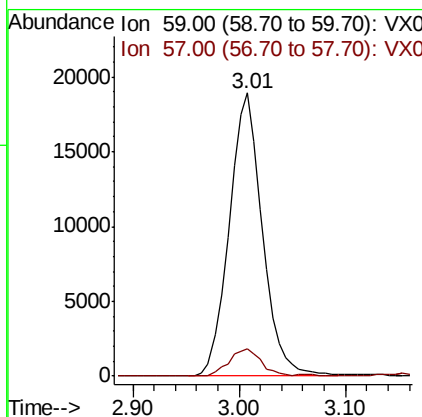
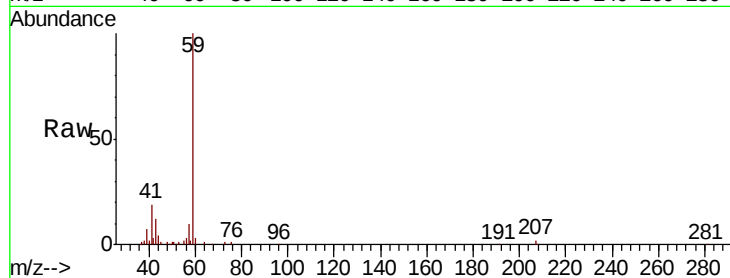




#11
Tert butyl alcohol
Concen: 65.775 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

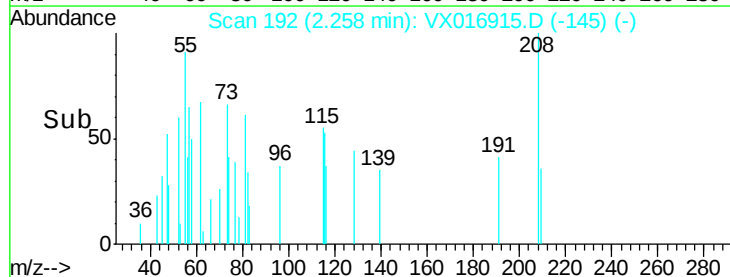
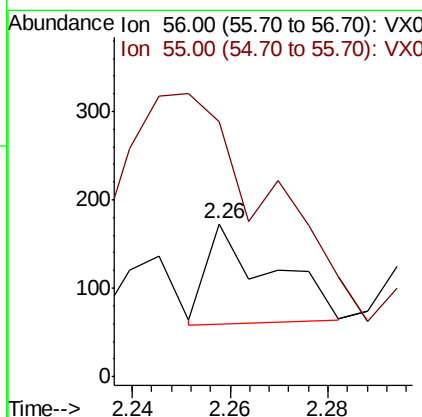
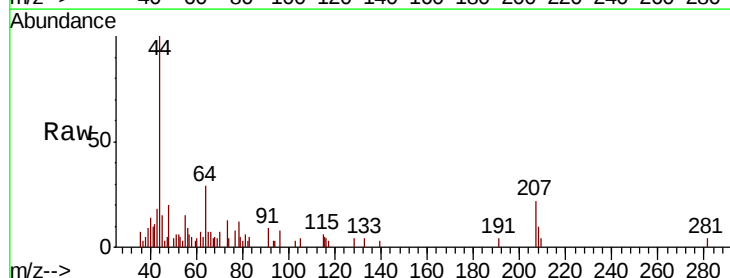
Instrument :
MSVOA_X
ClientSampled :
MW-5

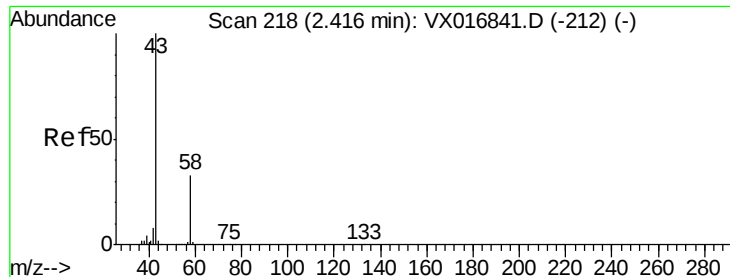
Tot Ion: 59 Resp: 41303
Ion Ratio Lower Upper
59 100
57 9.4 8.4 12.6



#13
Acrolein
Concen: 0.271 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
55 553.4 55.7 83.5#





#16

Acetone

Concen: 4.722 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

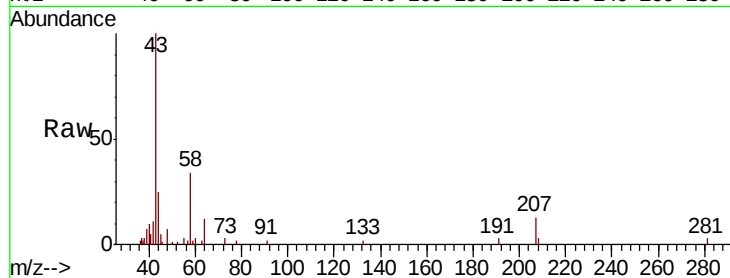
MW-5

Tot Ion: 43 Resp: 6367

Ion Ratio Lower Upper

43 100

58 35.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

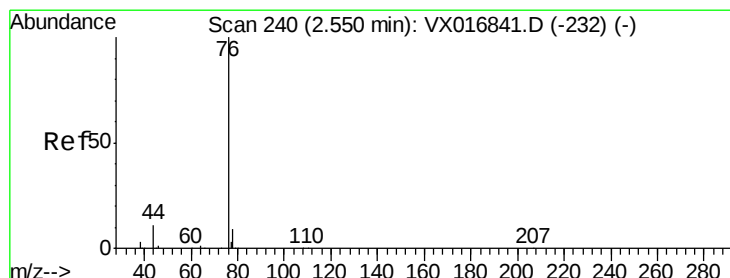
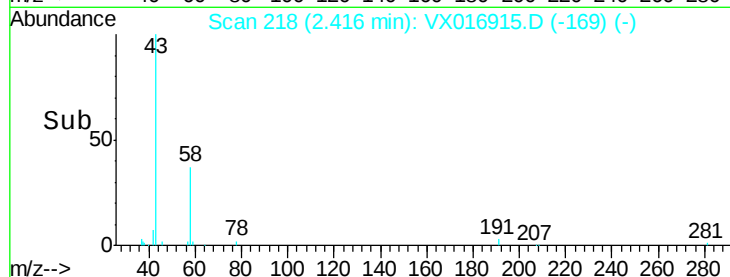
2000

1000

0

Time-->

2.35 2.40 2.45



#17

Carbon Disulfide

Concen: 0.332 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016915.D

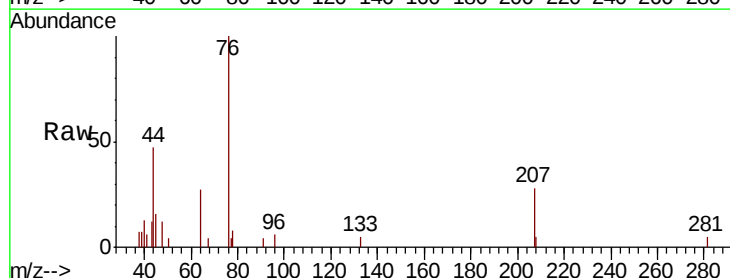
Acq: 20 Jun 2020 07:47

Tgt Ion: 76 Resp: 2829

Ion Ratio Lower Upper

76 100

78 8.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

1500

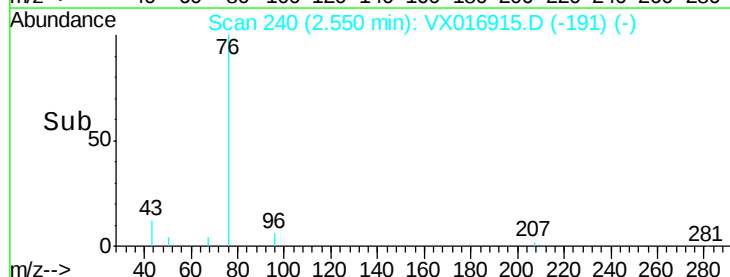
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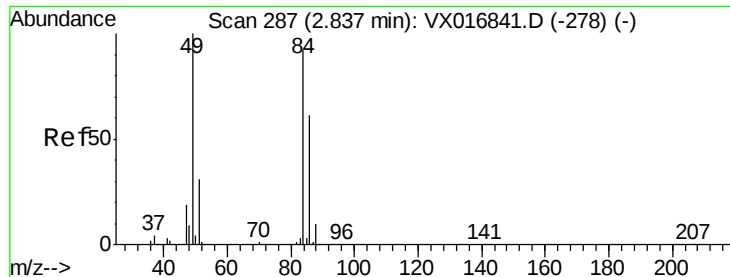
500

0

Time-->

2.50 2.55 2.60

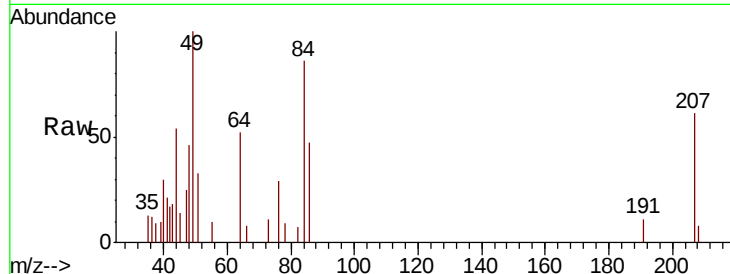




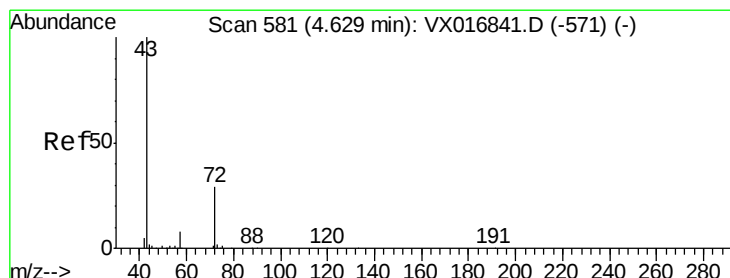
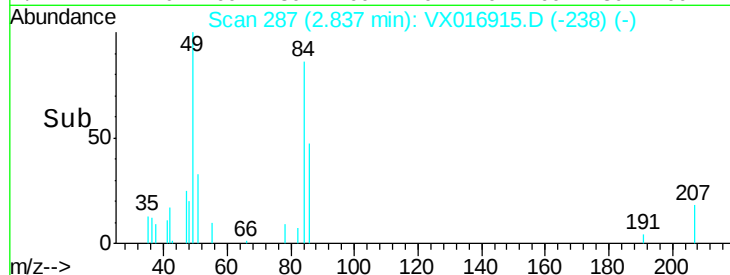
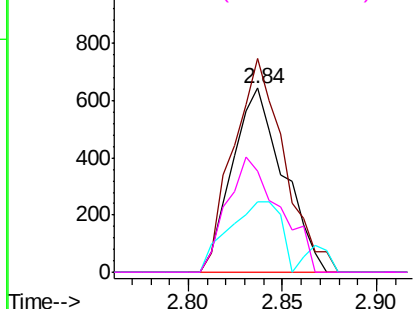
#20
Methvlene Chloride
Concen: 0.375 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Instrument :
MSVOA_X
ClientSampled :
MW-5

Tot Ion: 84 Resp: 1214
Ion Ratio Lower Upper
84 100
49 116.0 86.6 129.8
51 38.2 27.1 40.7
86 55.0 53.1 79.7

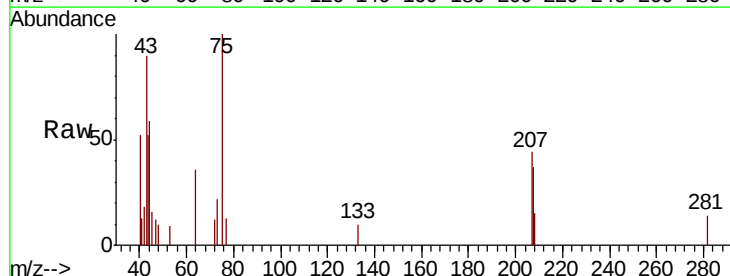


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

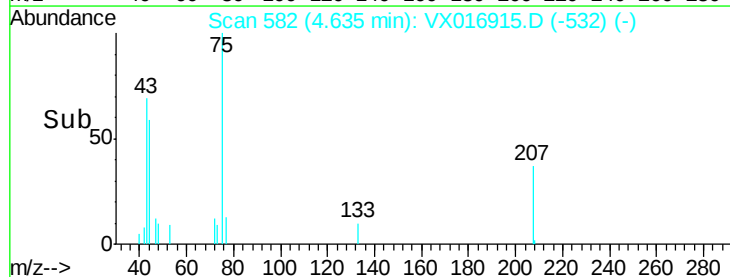
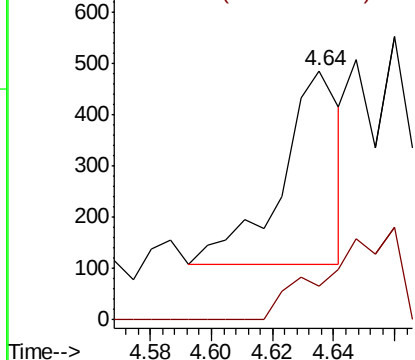


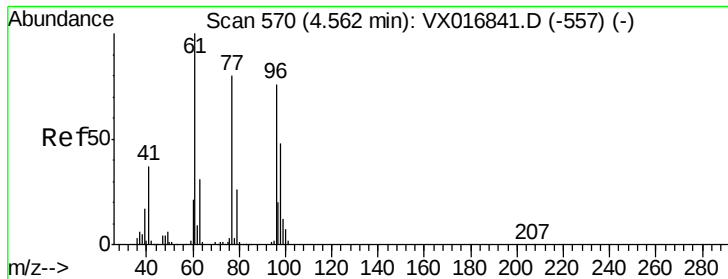
#25
2-Butanone
Concen: 0.273 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
72 17.5 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



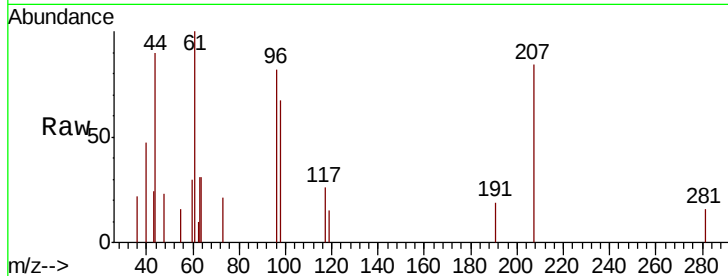


#27

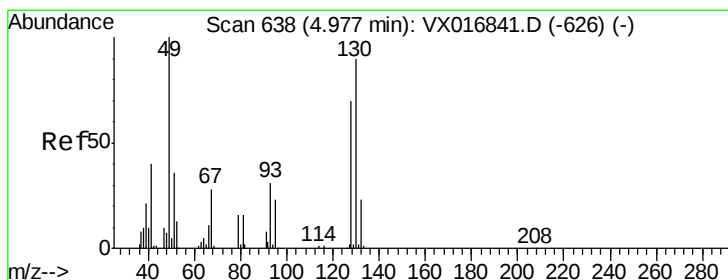
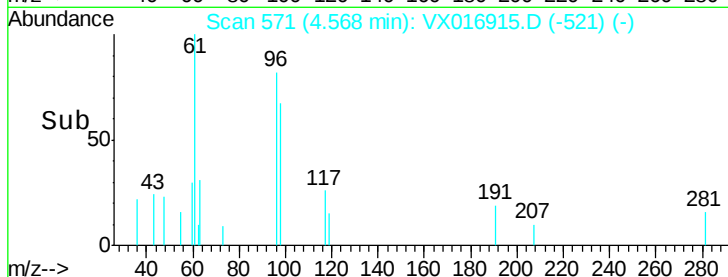
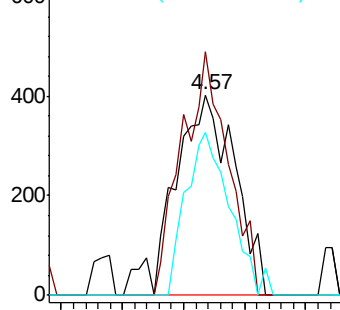
cis-1,2-Dichloroethene
 Concen: 0.393 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016915.D
 Acq: 20 Jun 2020 07:47

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Tot Ion	96	Resp:	1375
Ion	Ratio	Lower	Upper
96	100		
61	93.7	0.0	273.8
98	59.6	0.0	129.0



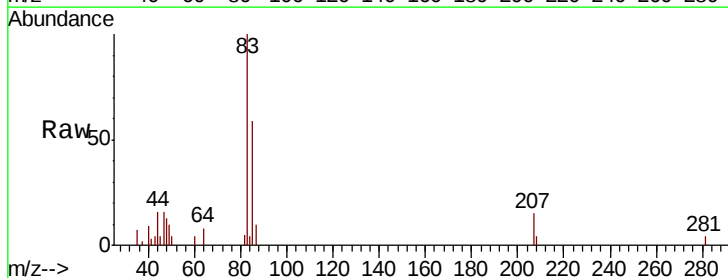
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



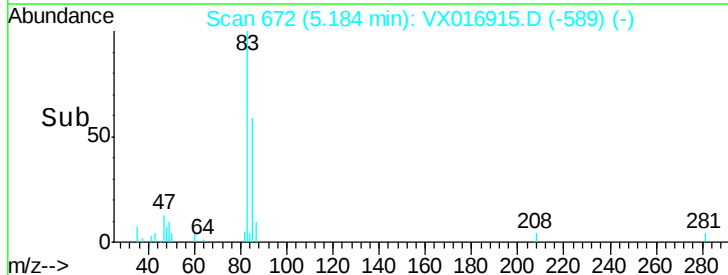
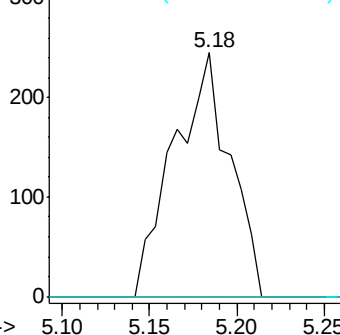
#28

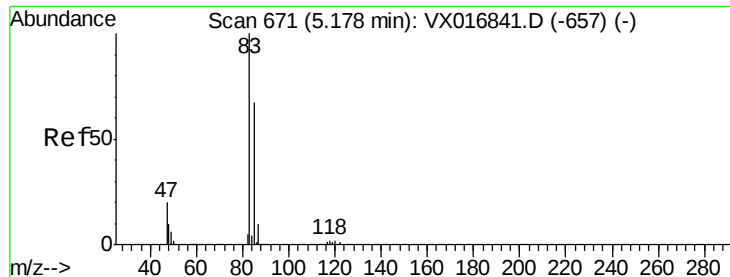
Bromochloromethane
 Concen: 0.253 ug/l
 RT: 5.18 min Scan# 672
 Delta R.T. 0.21 min
 Lab File: VX016915.D
 Acq: 20 Jun 2020 07:47

Tgt Ion	49	Resp:	548
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	0.0	76.8	115.2#



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

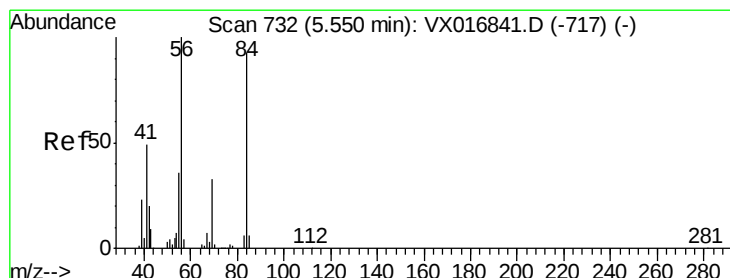
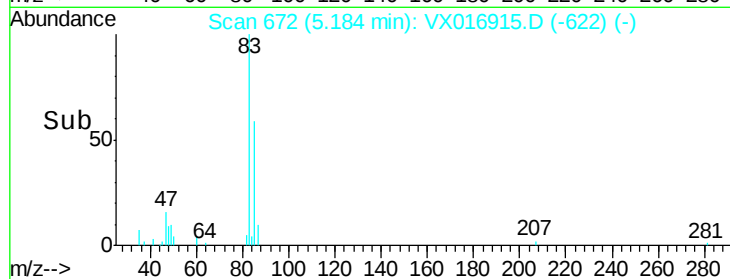
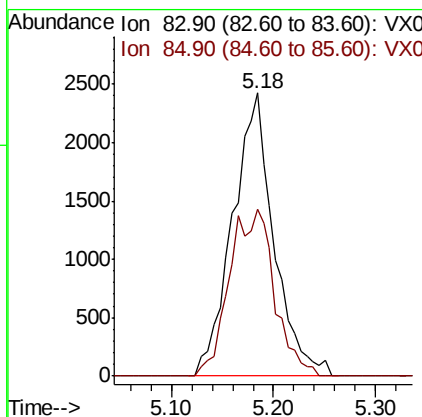
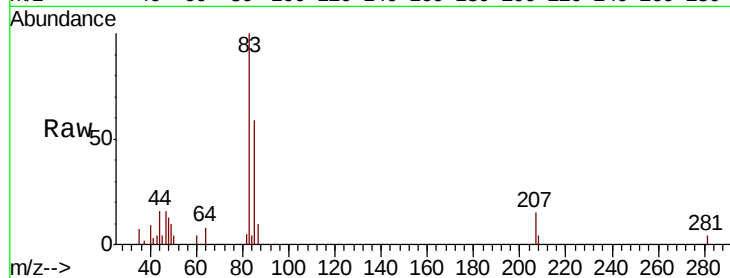




#30
Chloroform
Concen: 1.236 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

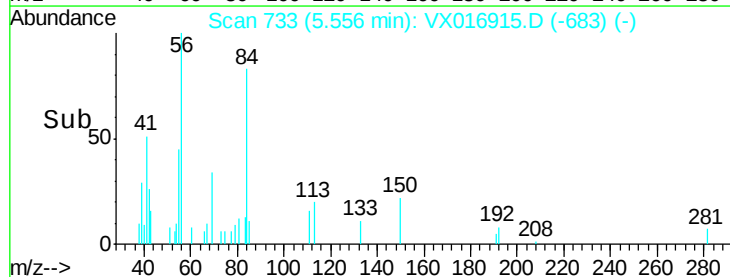
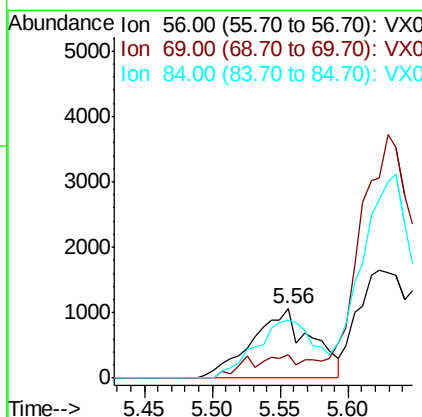
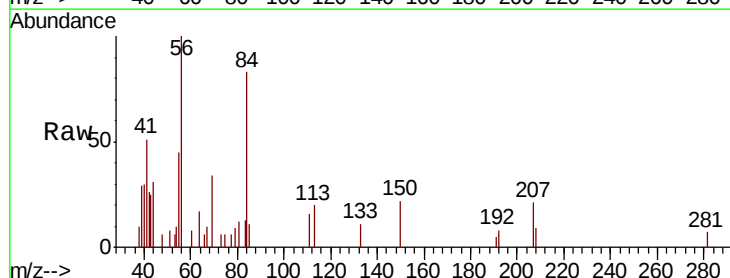
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ClientSampled :
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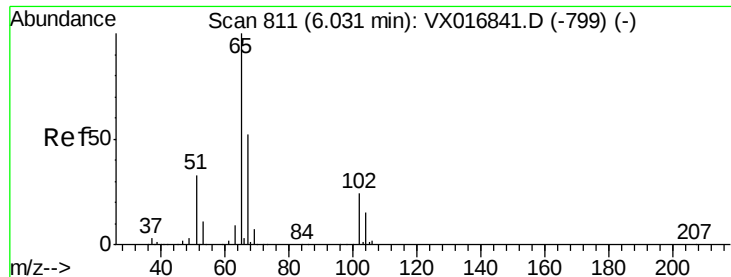
Tot Ion: 83 Resp: 6816
Ion Ratio Lower Upper
83 100
85 59.1 53.4 80.0



#31
Cyclohexane
Concen: 0.708 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion: 56 Resp: 3253
Ion Ratio Lower Upper
56 100
69 33.6 26.1 39.1
84 83.4 73.0 109.6

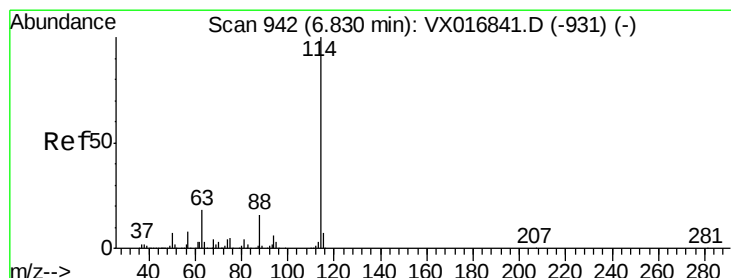
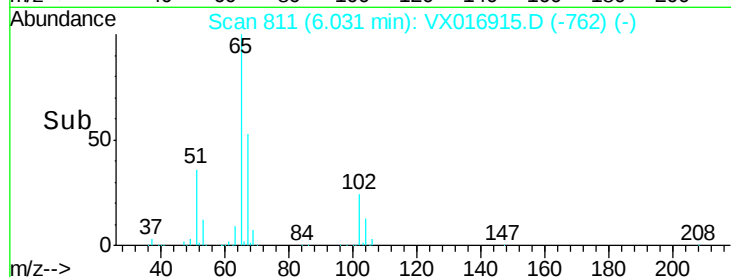
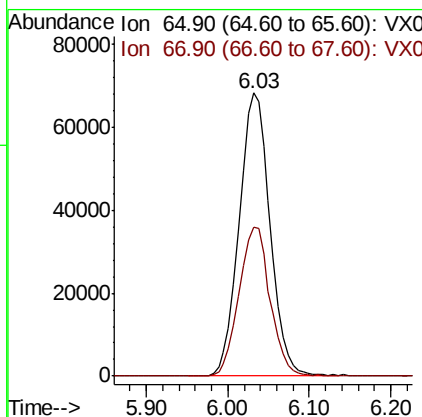
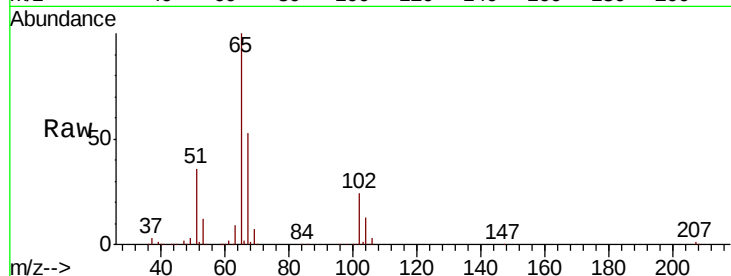




#33
 1,2-Dichloroethane-d4
 Concen: 48.346 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016915.D
 Acq: 20 Jun 2020 07:47

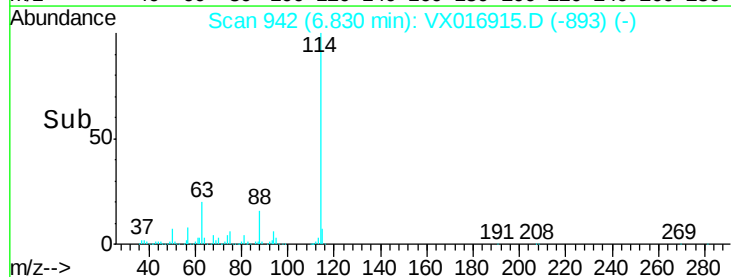
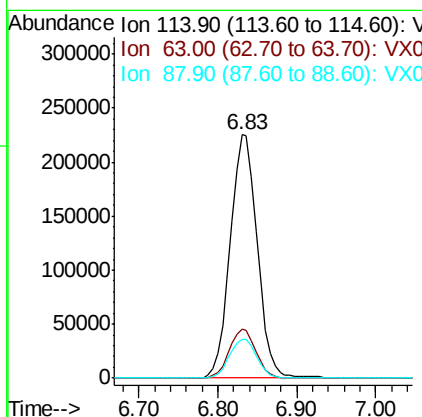
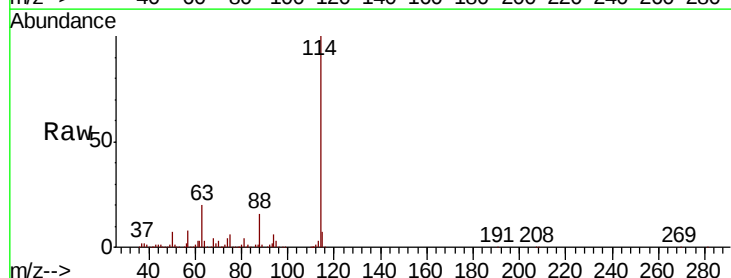
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

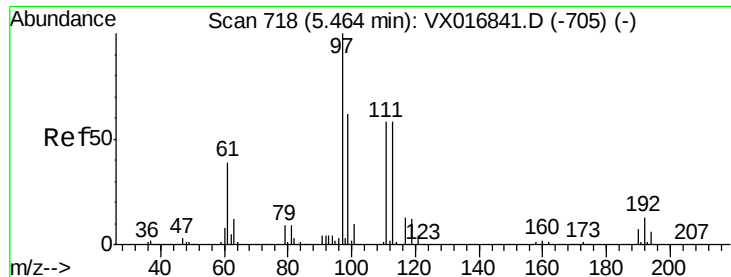
Tot Ion: 65 Resp: 179582
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016915.D
 Acq: 20 Jun 2020 07:47

Tgt Ion: 114 Resp: 539766
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.0
 88 16.2 0.0 32.0

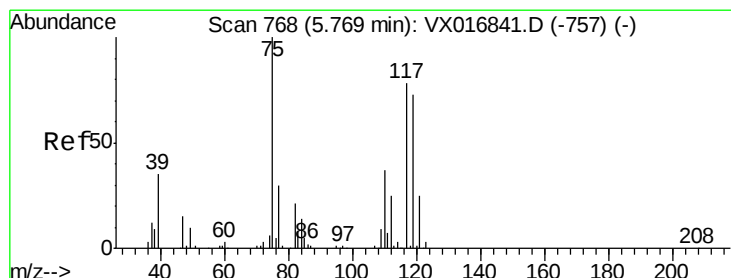
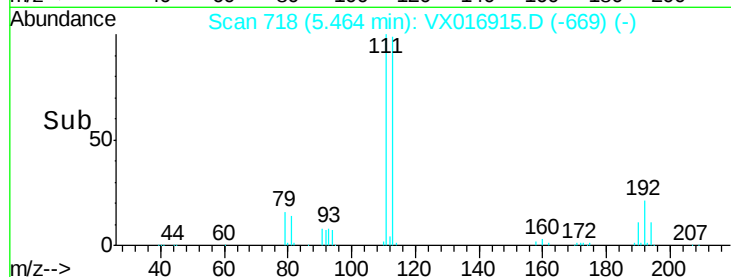
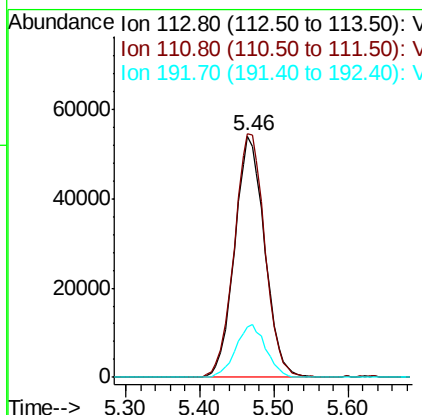
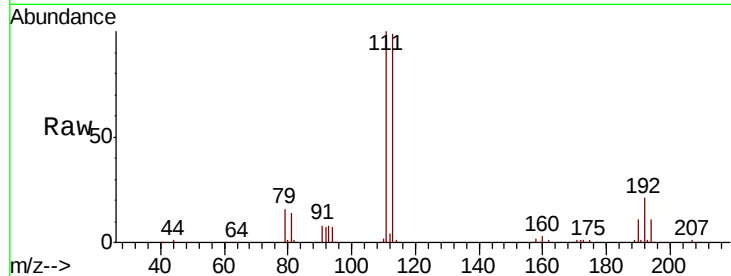




#35
 Dibromofluoromethane
 Concen: 44.215 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016915.D
 Acq: 20 Jun 2020 07:47

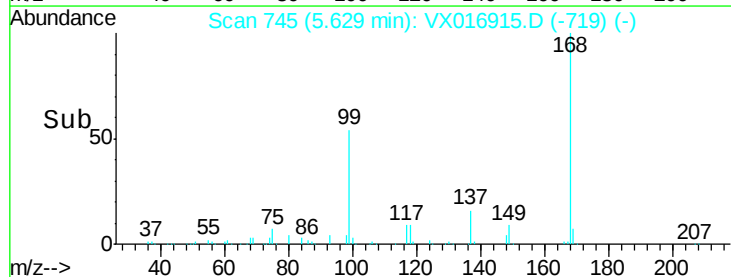
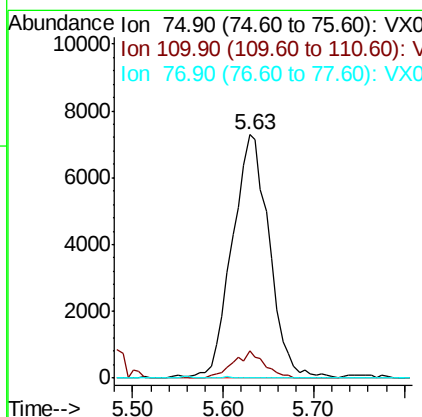
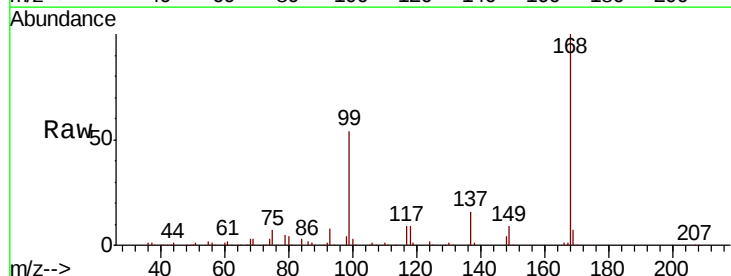
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

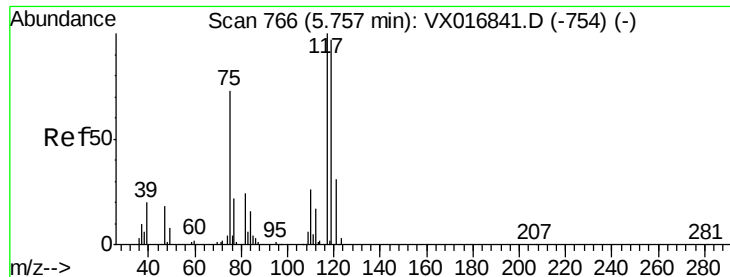
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	22.0	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.135 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016915.D
 Acq: 20 Jun 2020 07:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.9	56.9#
77	0.0	25.6	38.4#





#38

Carbon Tetrachloride

Concen: 5.044 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampled :

MW-5

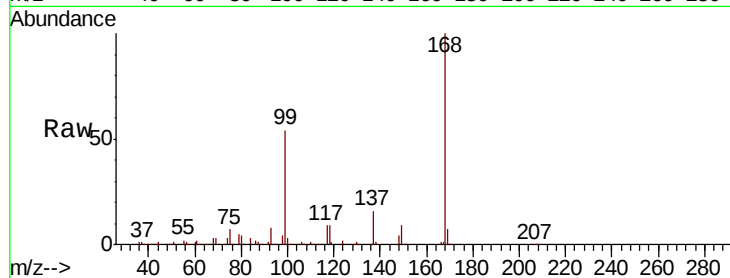
Tot Ion:117 Resp: 28206

Ion Ratio Lower Upper

117 100

119 7.1 77.4 116.2#

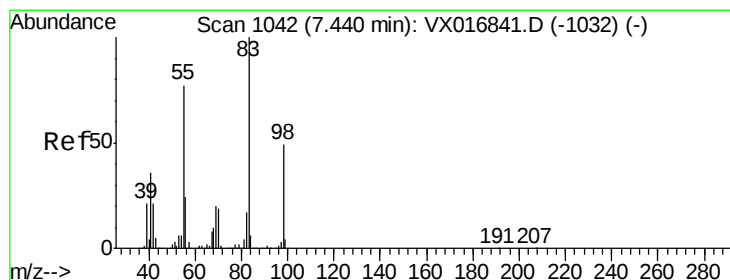
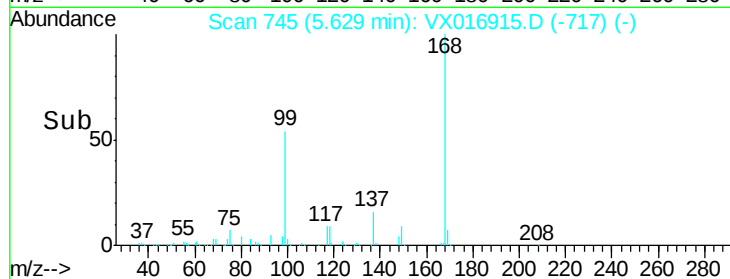
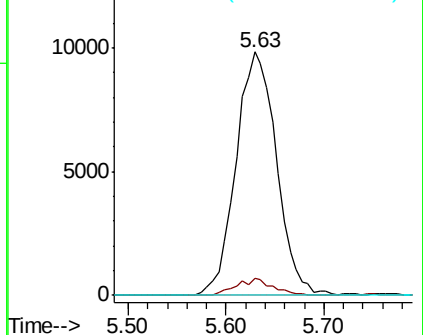
121 0.0 24.7 37.1#



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: 1.855 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

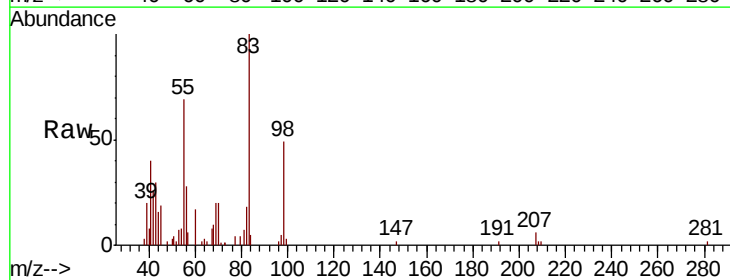
Tgt Ion: 83 Resp: 10750

Ion Ratio Lower Upper

83 100

55 68.6 61.7 92.5

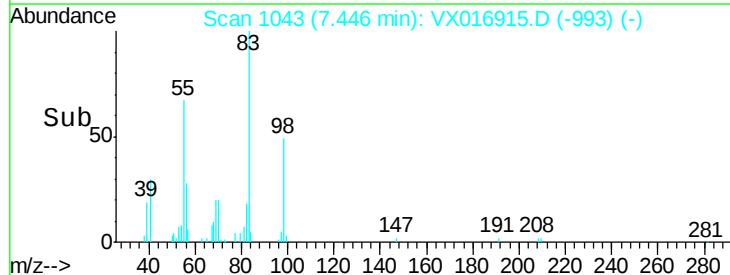
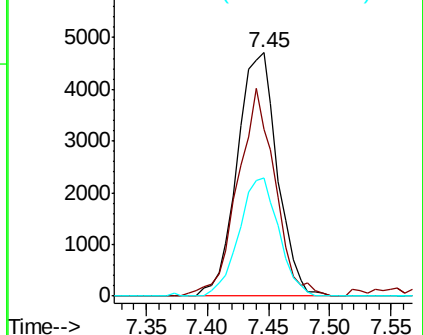
98 48.7 39.0 58.6

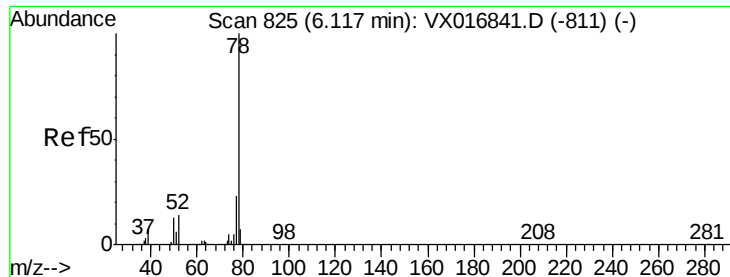


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.423 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampled :

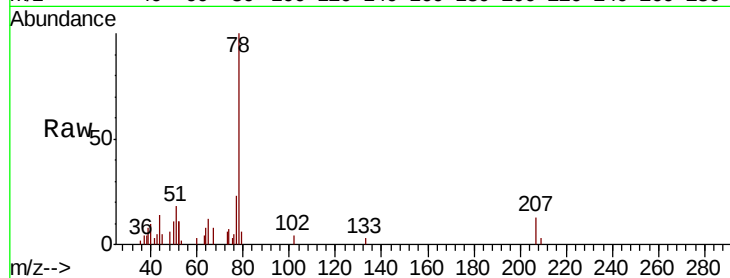
MW-5

Tot Ion: 78 Resp: 6319

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

2500

2000

1500

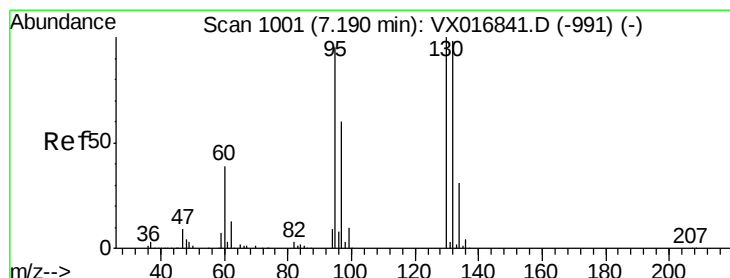
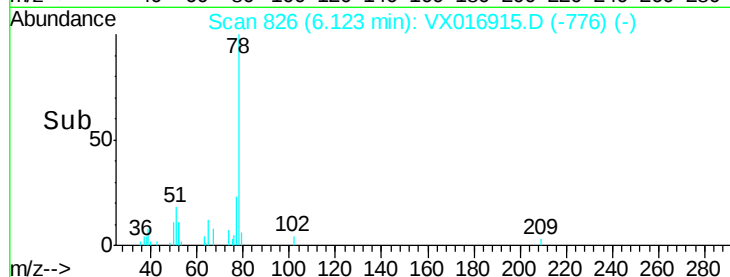
1000

500

0

Time-->

6.00 6.05 6.10 6.15 6.20



#44

Trichloroethene

Concen: 0.572 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016915.D

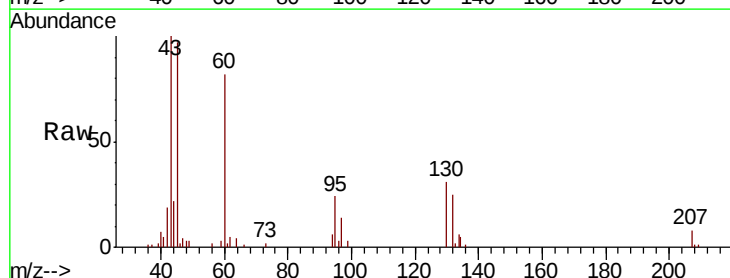
Acq: 20 Jun 2020 07:47

Tgt Ion:130 Resp: 2619

Ion Ratio Lower Upper

130 100

95 78.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

1500

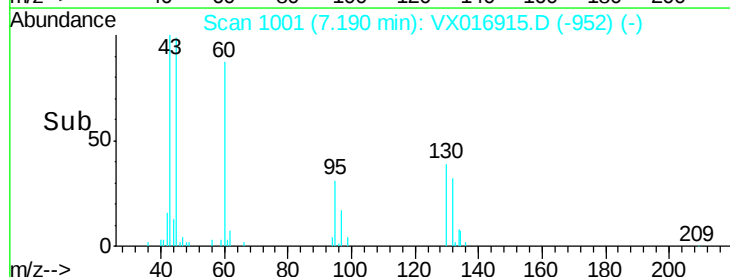
1000

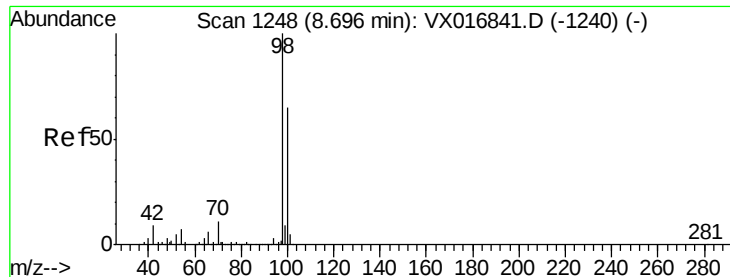
500

0

Time-->

7.10 7.15 7.20 7.25





#50

Toluene-d8

Concen: 47.865 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

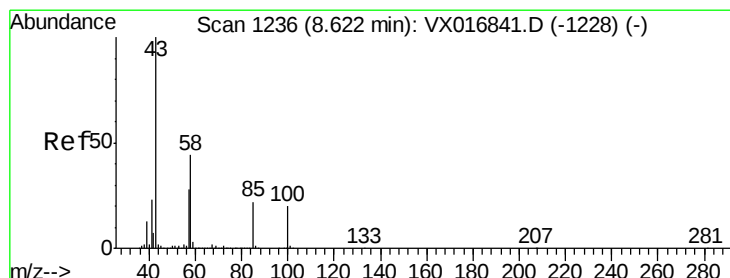
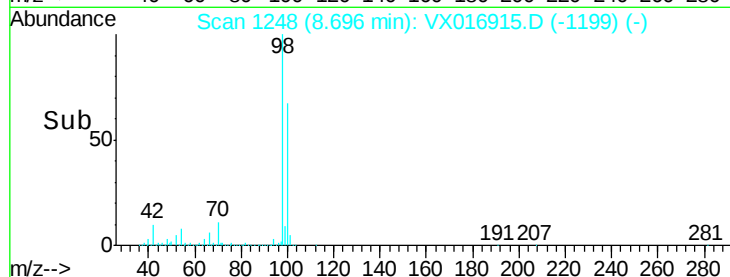
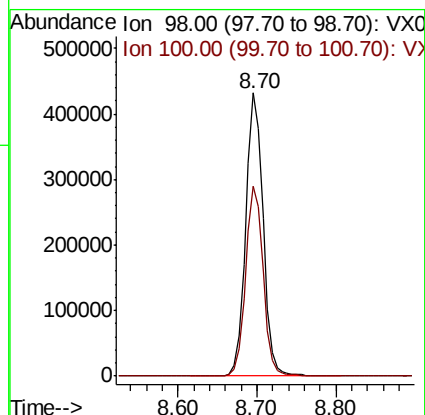
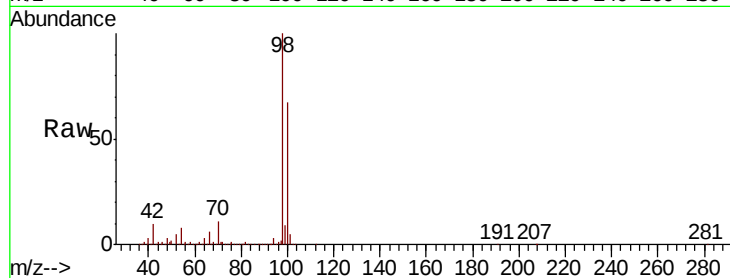
MW-5

Tot Ion: 98 Resp: 661230

Ion Ratio Lower Upper

98 100

100 67.5 54.0 81.0



#51

4-Methyl-2-Pentanone

Concen: 0.349 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016915.D

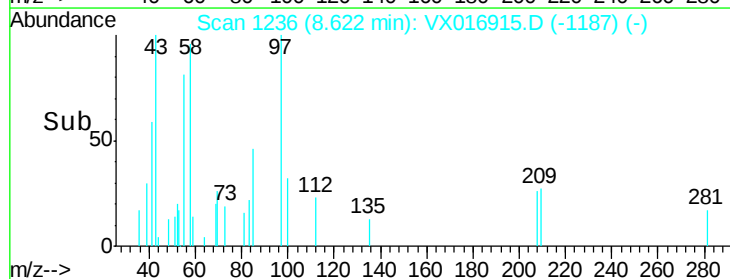
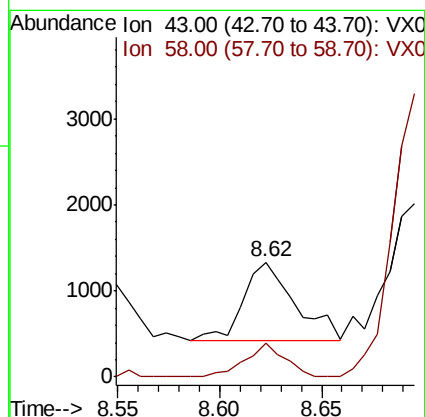
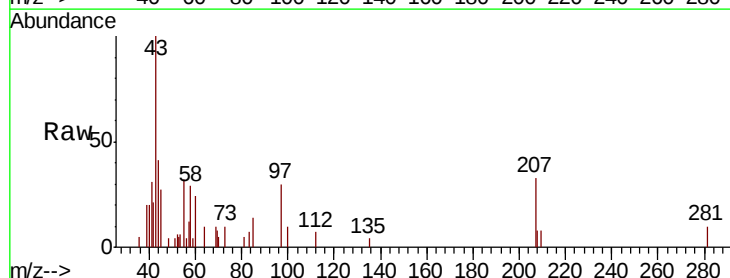
Acq: 20 Jun 2020 07:47

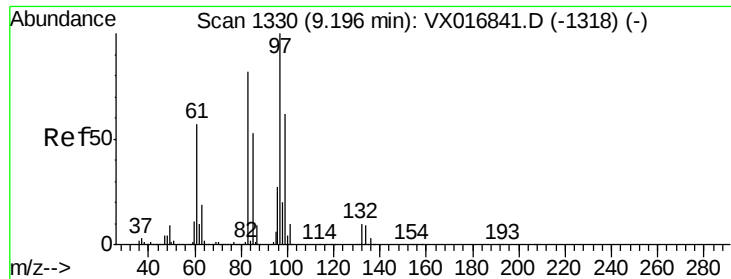
Tgt Ion: 43 Resp: 1613

Ion Ratio Lower Upper

43 100

58 32.2 34.3 51.5#





#55

1,1,2-Trichloroethane

Concen: 1.821 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

MW-5

Tot Ion: 97 Resp: 6821

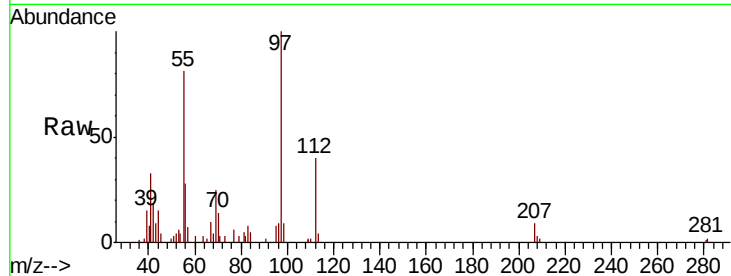
Ion Ratio Lower Upper

97 100

83 8.3 65.5 98.3#

85 0.0 42.6 63.8#

99 0.0 49.4 74.0#

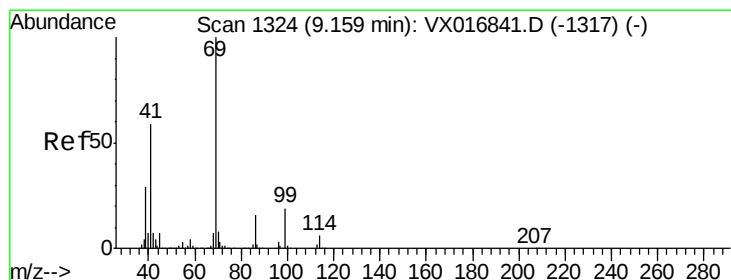
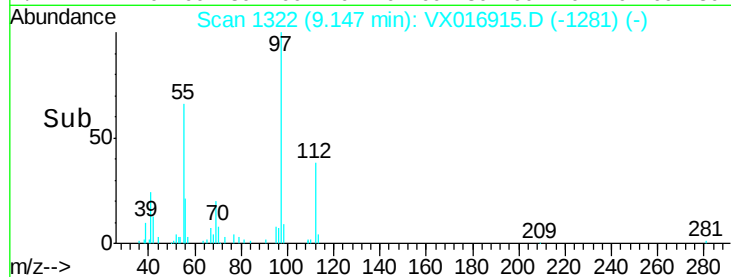
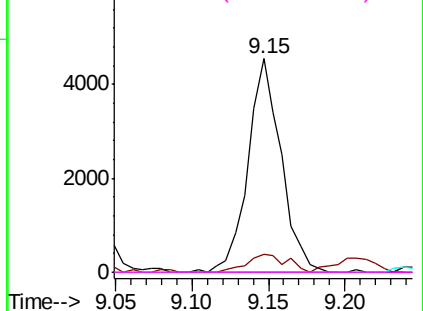


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.304 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

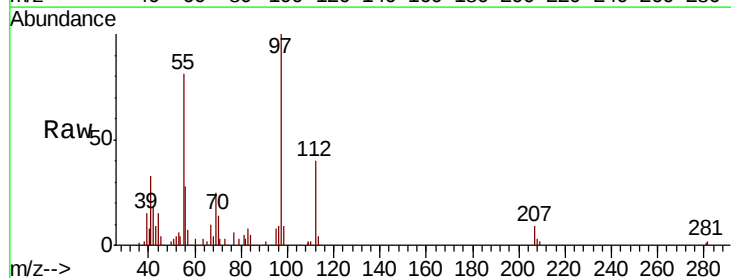
Tgt Ion: 69 Resp: 1650

Ion Ratio Lower Upper

69 100

41 142.6 47.9 71.9#

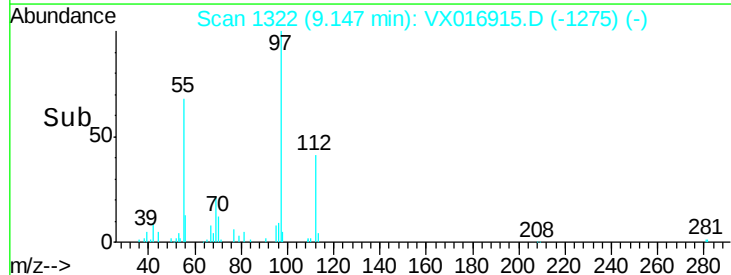
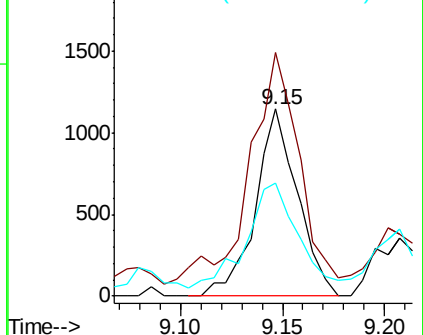
39 66.3 24.2 36.4#

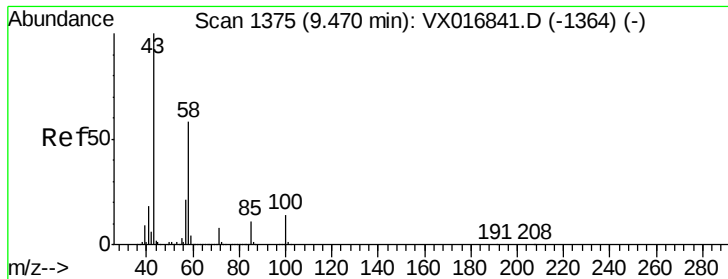


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

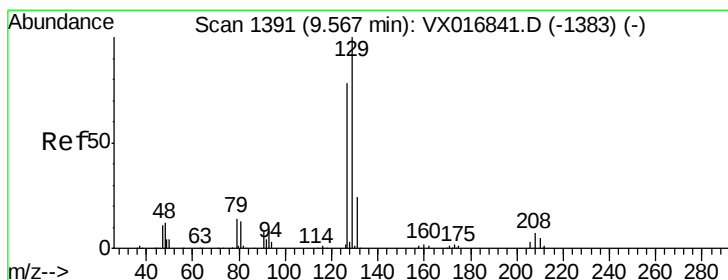
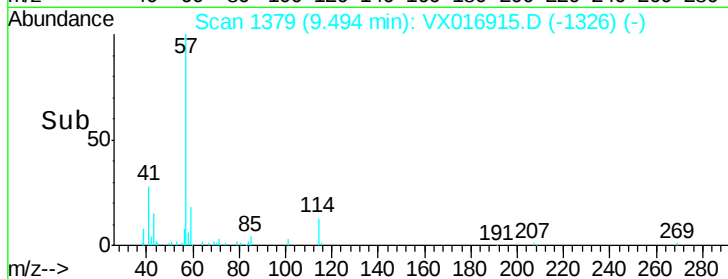
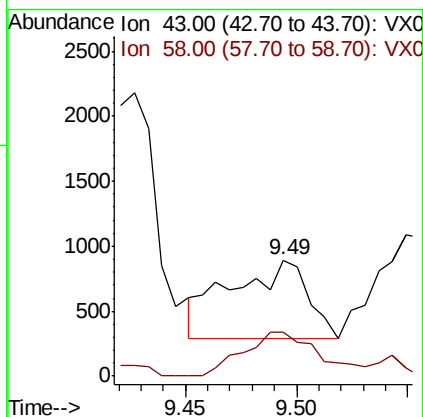
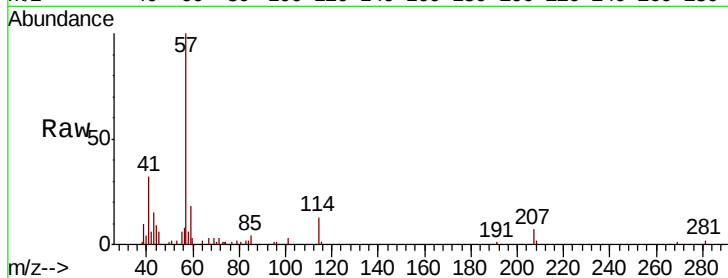




#59
2-Hexanone
Concen: 0.429 ug/l
RT: 9.49 min Scan# 1379
Delta R.T. 0.03 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

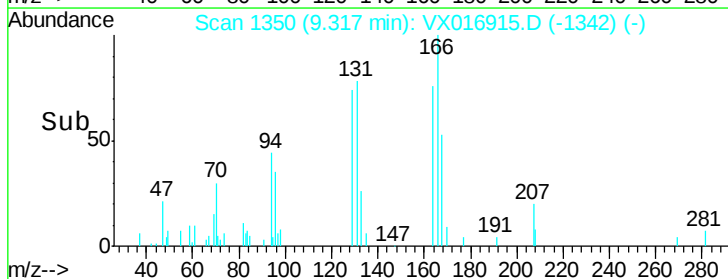
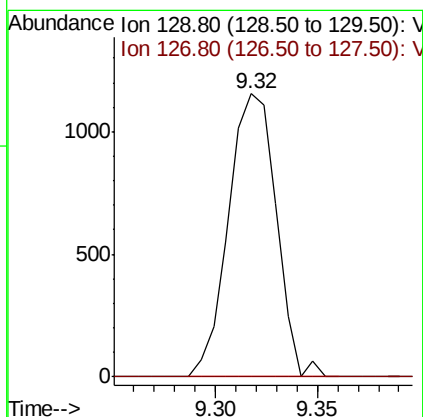
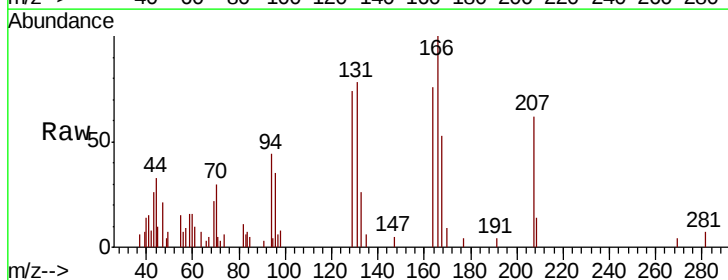
Instrument :
MSVOA_X
ClientSampled :
MW-5

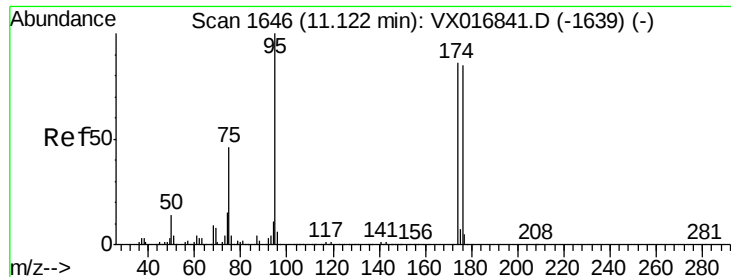
Tot Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 56.1 29.8 89.4



#60
Dibromochloromethane
Concen: 0.417 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion:129 Resp: 1873
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 54.636 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

MW-5

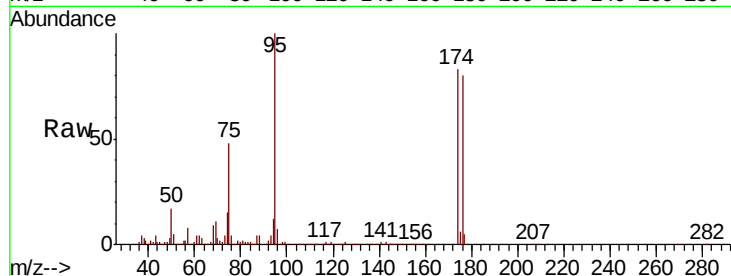
Tot Ion: 95 Resp: 289185

Ion Ratio Lower Upper

95 100

174 83.5 0.0 174.2

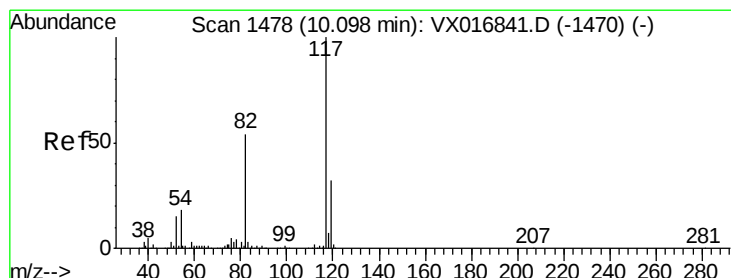
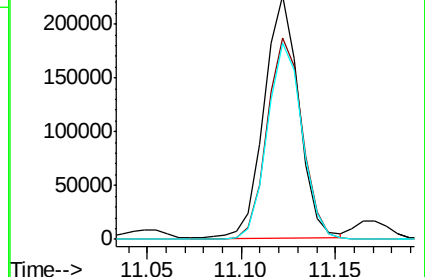
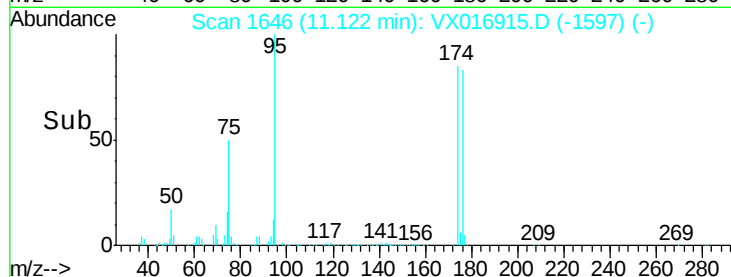
176 80.6 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX016915.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016915.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016915.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

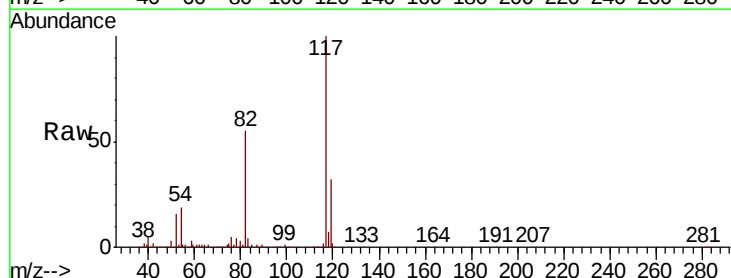
Tgt Ion: 117 Resp: 518152

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

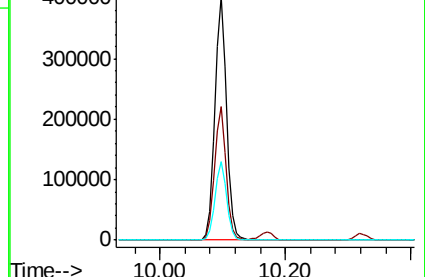
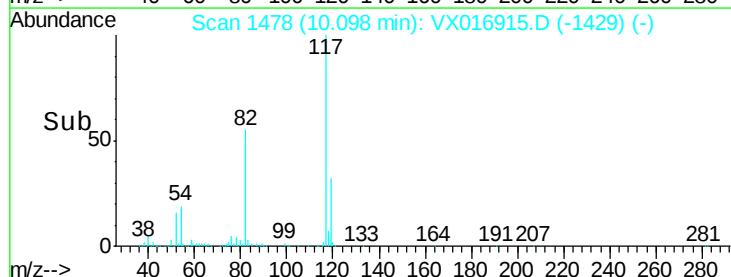
119 32.1 25.7 38.5

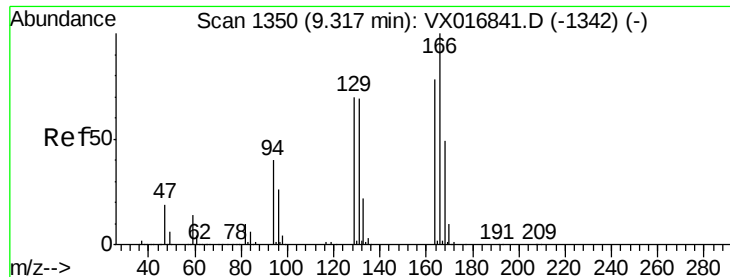


Abundance Ion 116.90 (116.60 to 117.60): VX016915.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016915.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016915.D (-1429) (-)





#64

Tetrachloroethene

Concen: 0.400 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

MW-5

Tot Ion:164 Resp: 1919

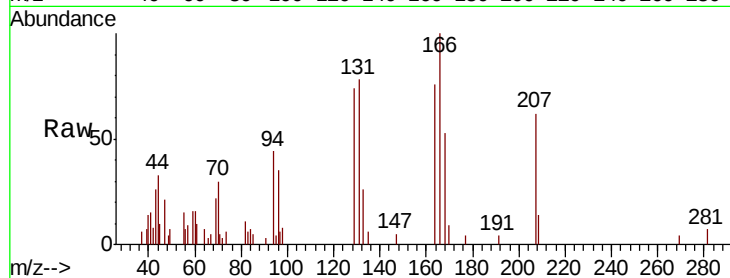
Ion Ratio Lower Upper

164 100

166 132.0 102.6 153.8

129 97.6 72.2 108.2

131 103.1 70.8 106.2

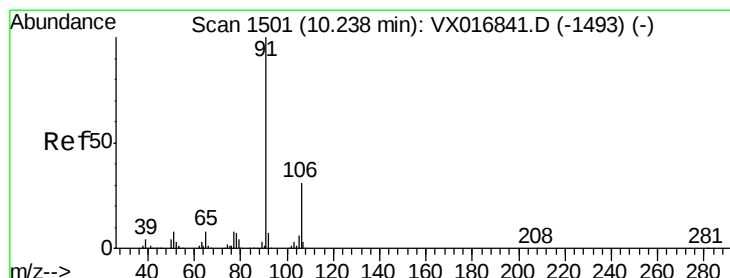
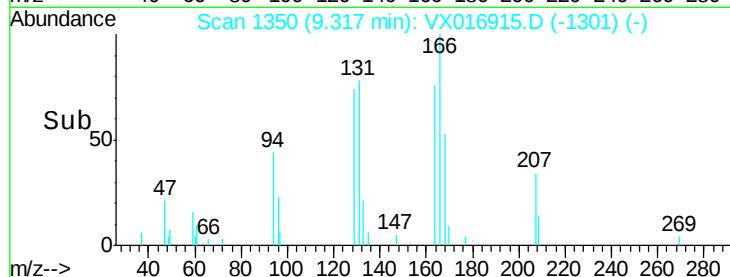
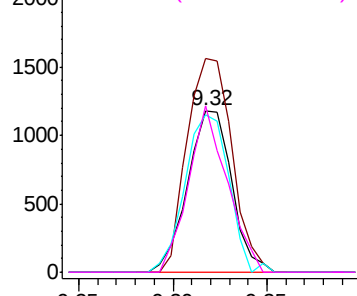


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 48.064 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016915.D

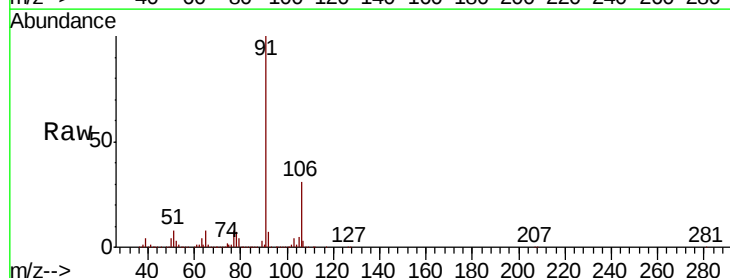
Acq: 20 Jun 2020 07:47

Tgt Ion: 91 Resp: 850894

Ion Ratio Lower Upper

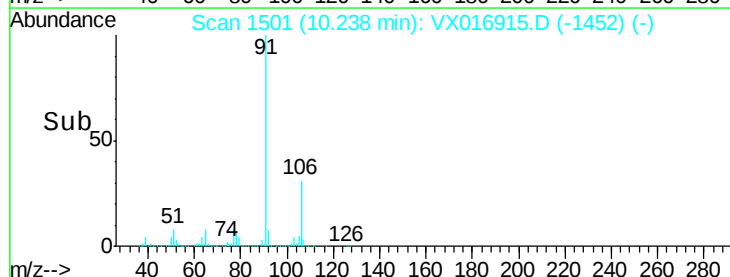
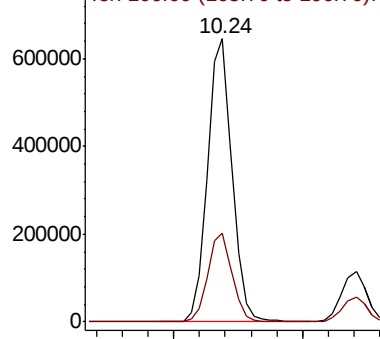
91 100

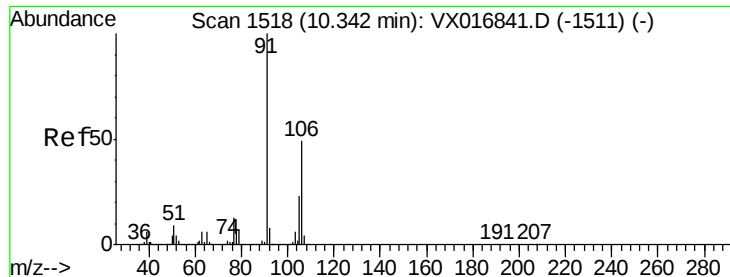
106 31.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

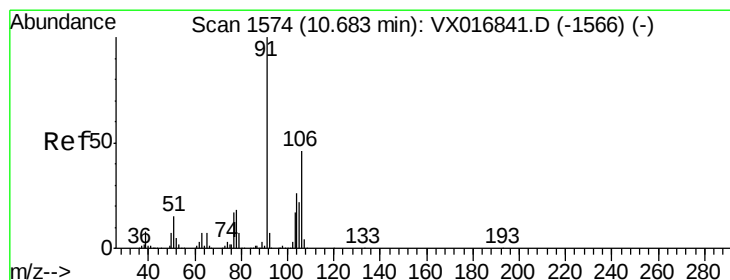
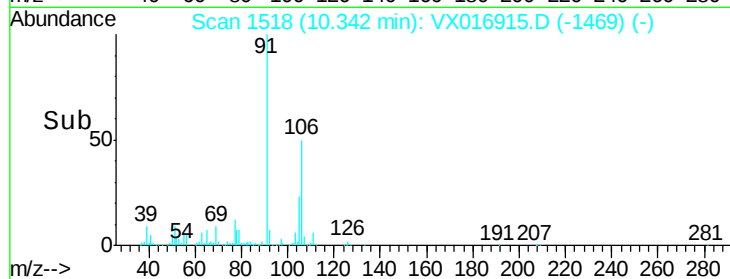
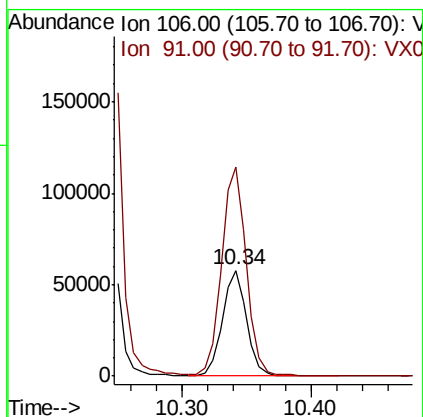
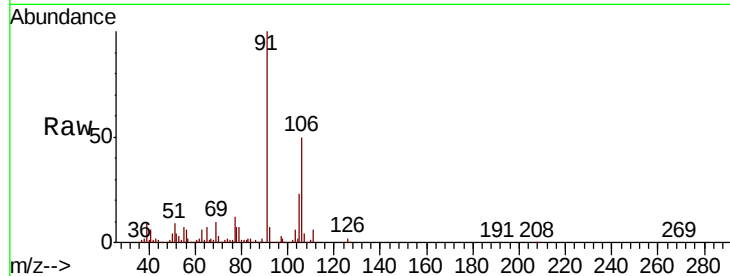




#68
m/p-Xylenes
Concen: 11.066 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

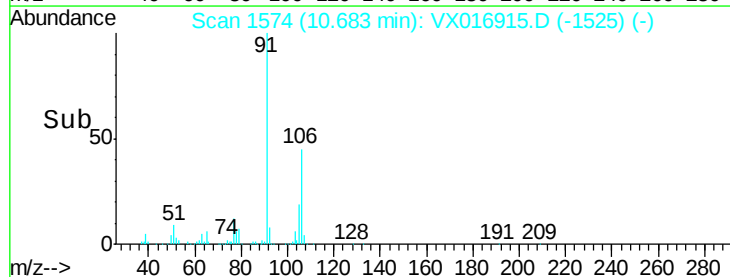
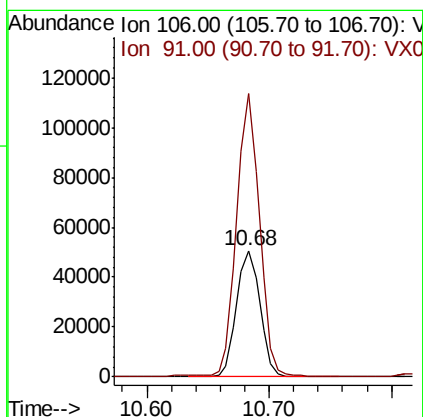
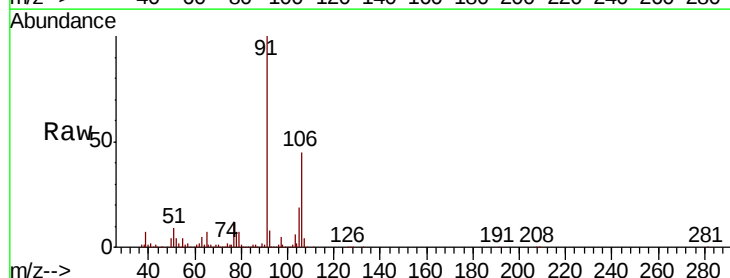
Instrument :
MSVOA_X
ClientSampled :
MW-5

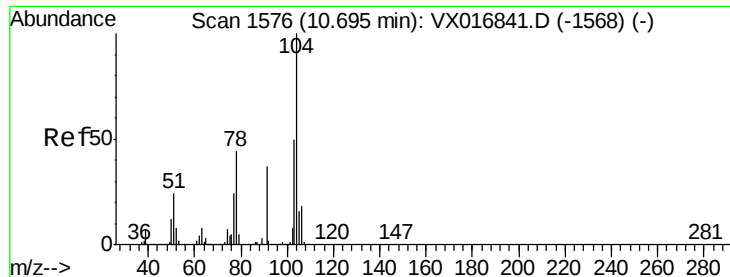
Tot Ion:106 Resp: 76232
Ion Ratio Lower Upper
106 100
91 202.9 161.5 242.3



#69
o-Xylene
Concen: 10.612 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion:106 Resp: 67598
Ion Ratio Lower Upper
106 100
91 218.5 107.9 323.7

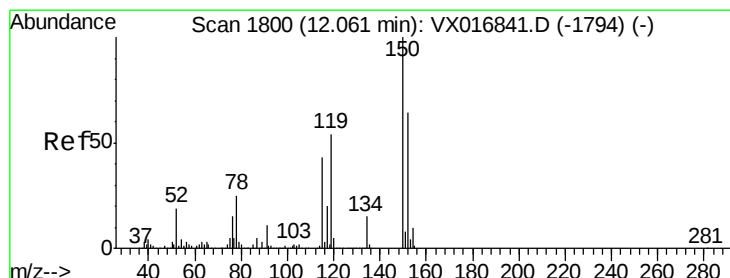
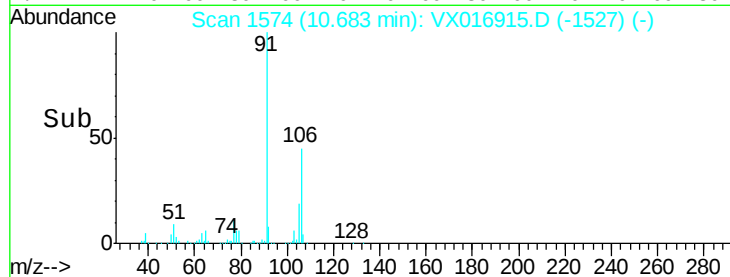
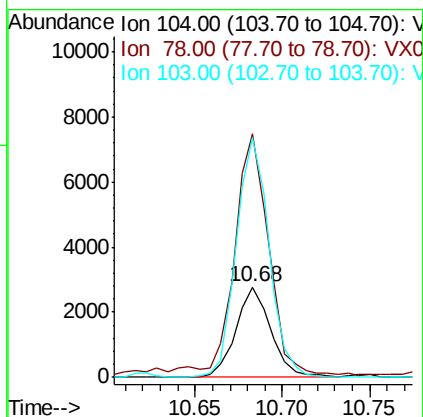
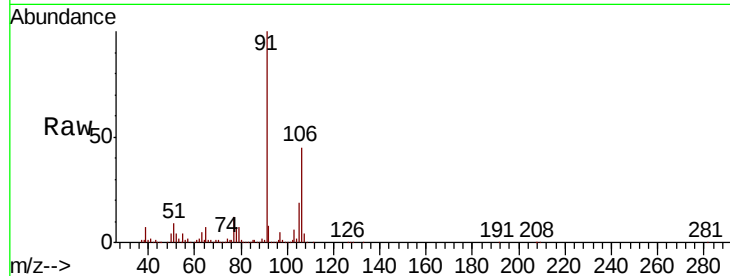




#70
Stvrene
Concen: 0.358 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

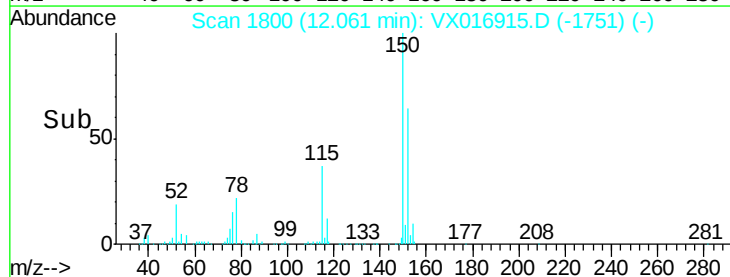
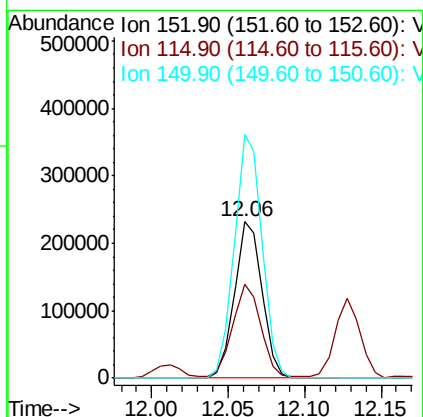
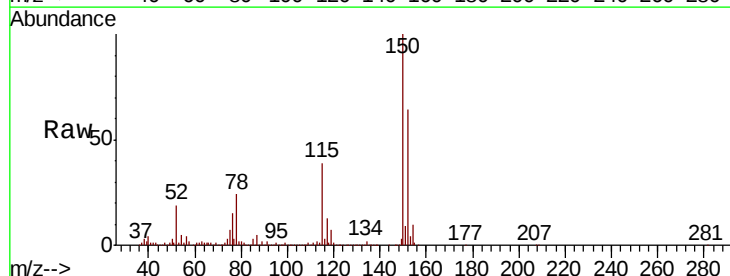
Instrument :
MSVOA_X
ClientSampled :
MW-5

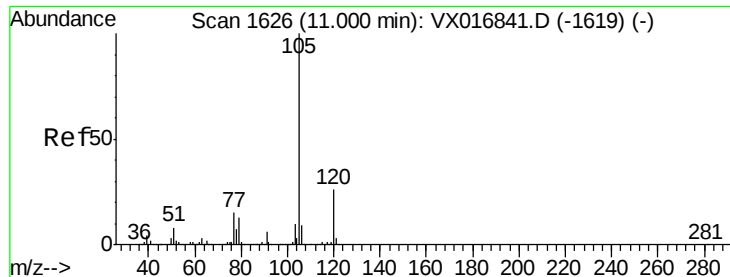
Tot Ion:104 Resp: 3871
Ion Ratio Lower Upper
104 100
78 283.9 39.6 59.4#
103 249.7 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion:152 Resp: 287136
Ion Ratio Lower Upper
152 100
115 60.8 40.9 122.8
150 157.6 0.0 344.2





#73

Isopropylbenzene

Concen: 100.167 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

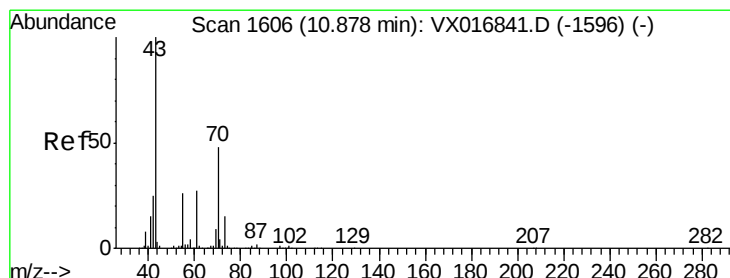
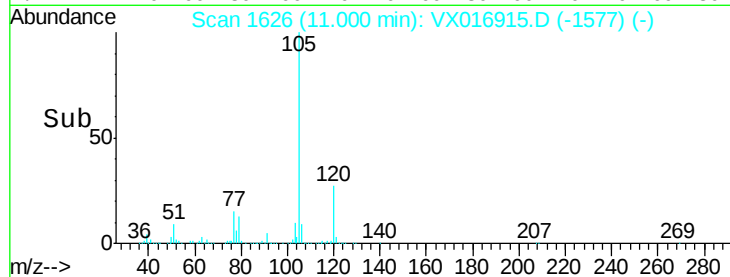
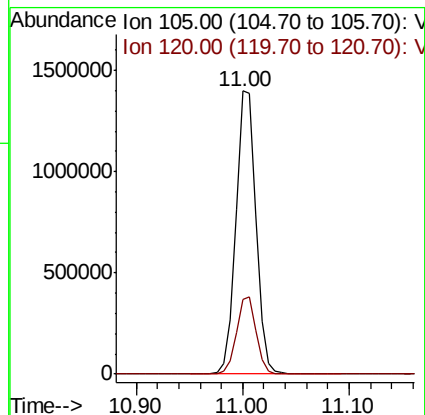
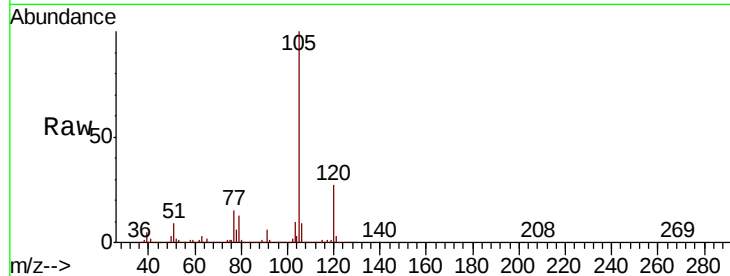
MW-5

Tot Ion:105 Resp: 1851819

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 2.256 ug/l

RT: 10.89 min Scan# 1608

Delta R.T. 0.01 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Tgt Ion: 43 Resp: 14561

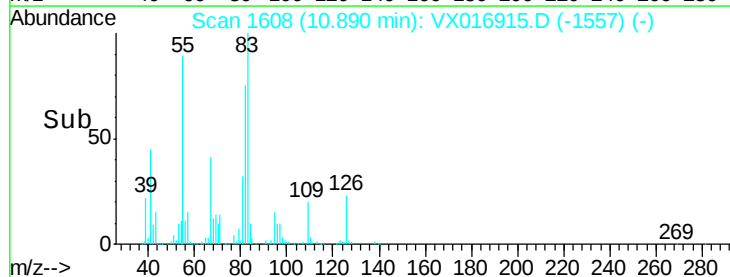
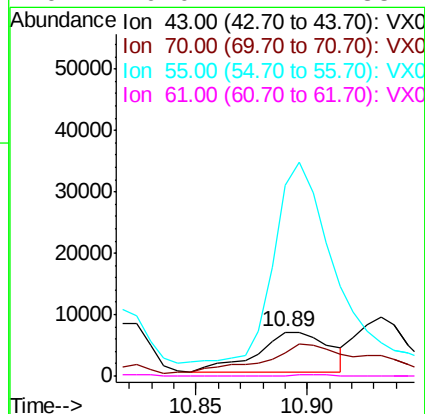
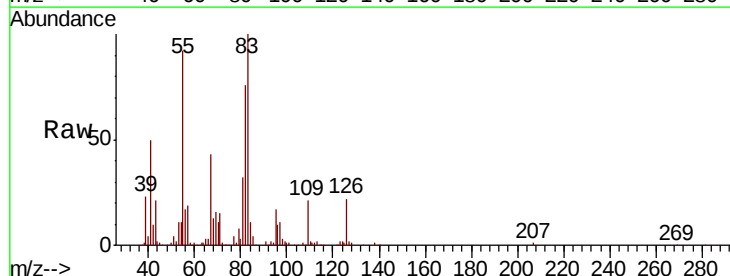
Ion Ratio Lower Upper

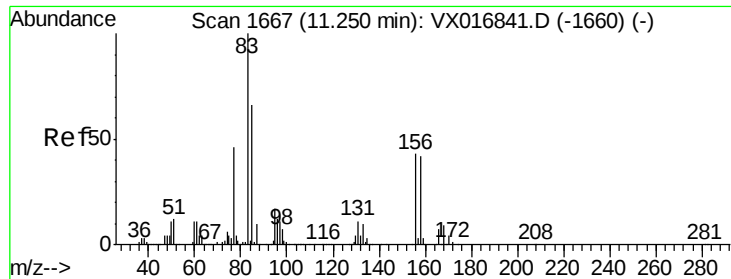
43 100

70 108.2 39.9 59.9#

55 432.5 21.8 32.6#

61 0.0 22.2 33.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.844 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampled :

MW-5

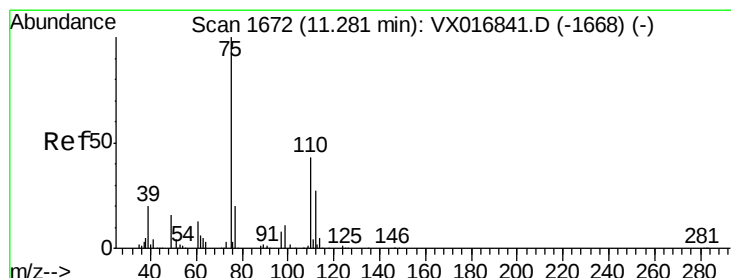
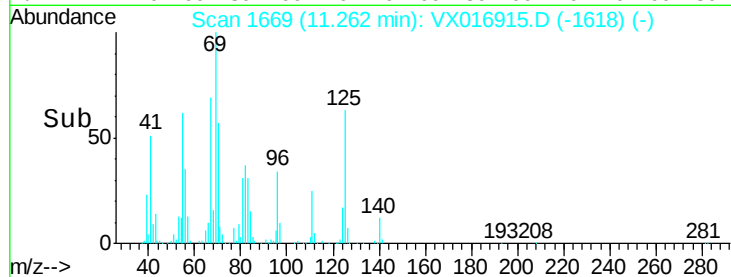
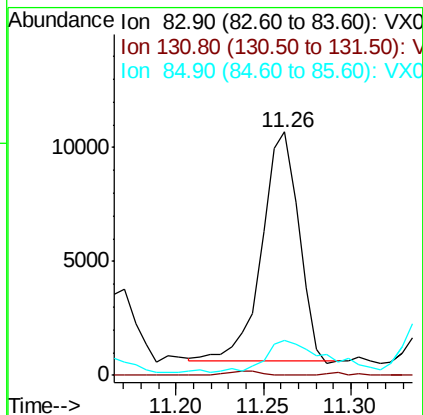
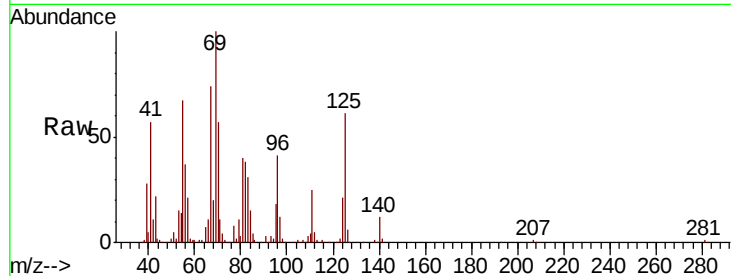
Tot Ion: 83 Resp: 14844

Ion Ratio Lower Upper

83 100

131 1.6 5.7 17.1#

85 23.2 32.6 97.8#



#76

1,2,3-Trichloropropane

Concen: 3.582 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.06 min

Lab File: VX016915.D

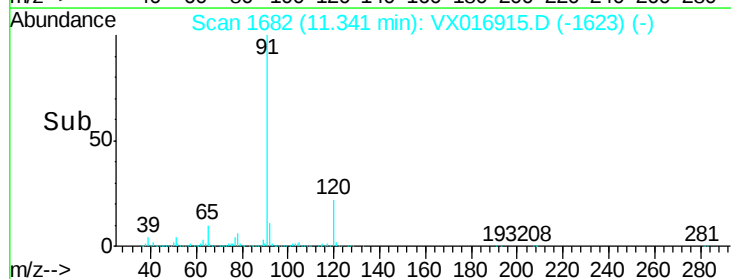
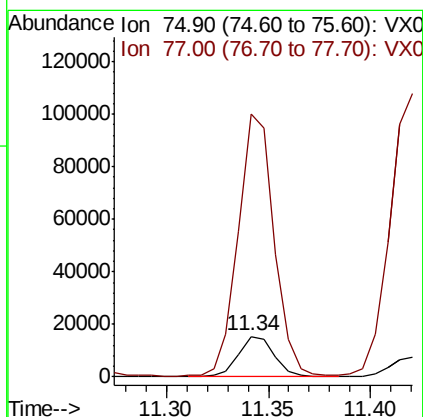
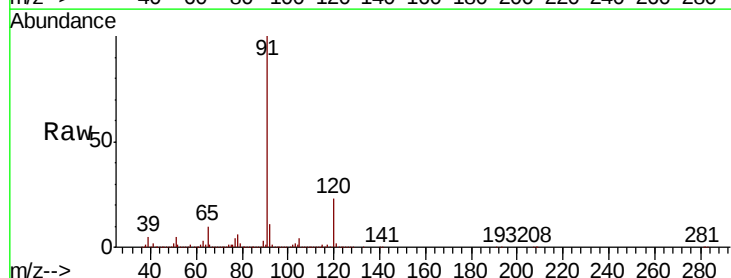
Acq: 20 Jun 2020 07:47

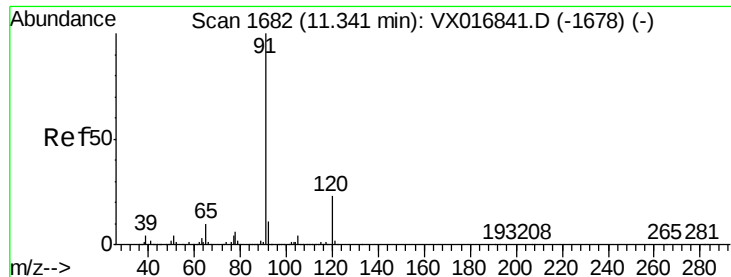
Tgt Ion: 75 Resp: 18784

Ion Ratio Lower Upper

75 100

77 648.4 20.5 61.5#





#78

n-propylbenzene

Concen: 154.187 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

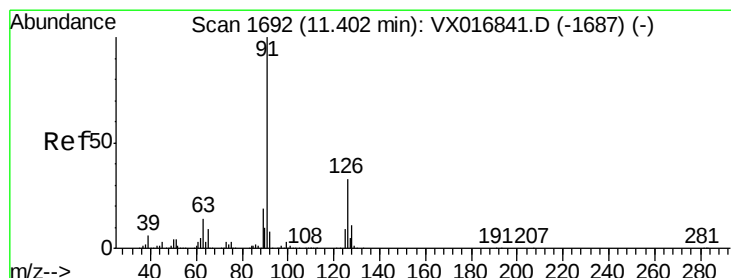
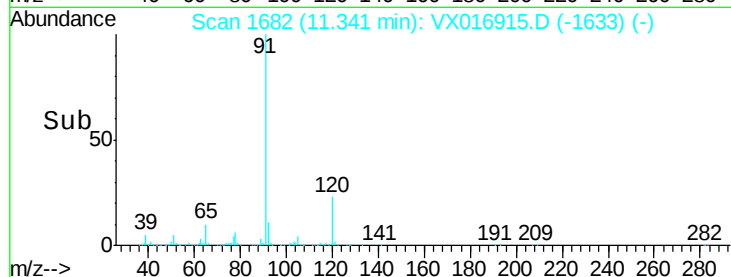
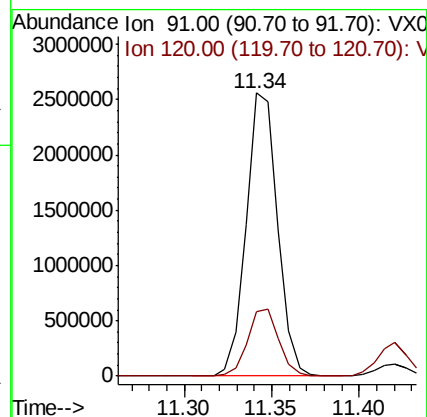
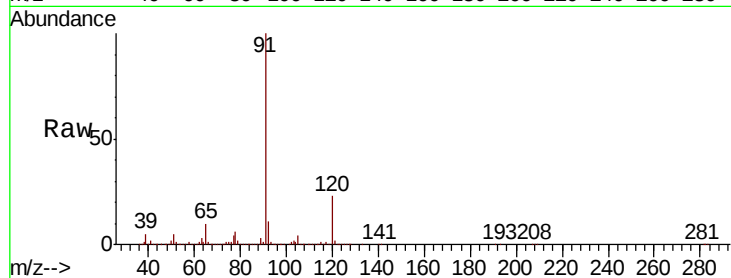
MW-5

Tot Ion: 91 Resp: 3181236

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5



#79

2-Chlorotoluene

Concen: 11.149 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX016915.D

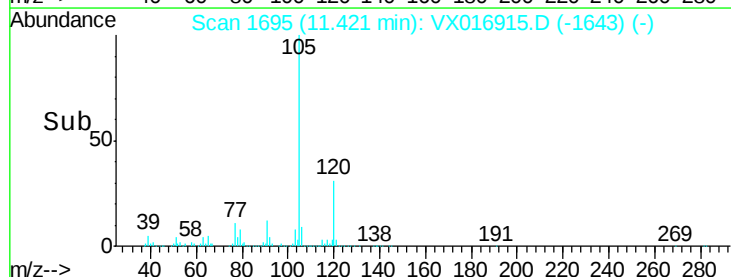
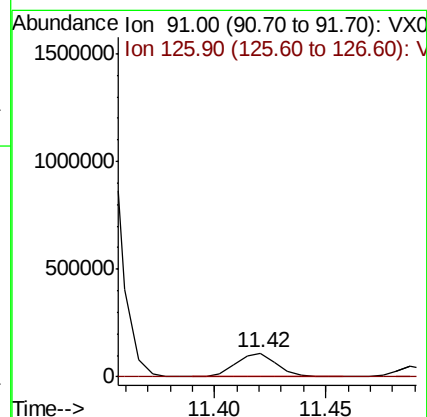
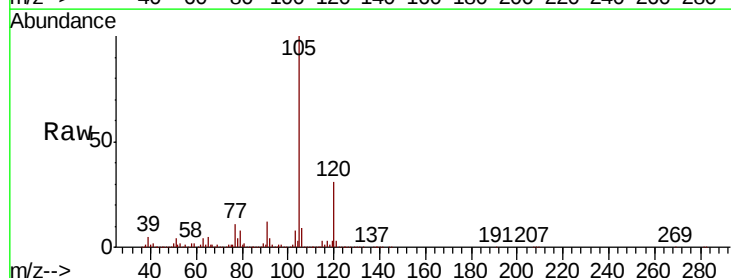
Acq: 20 Jun 2020 07:47

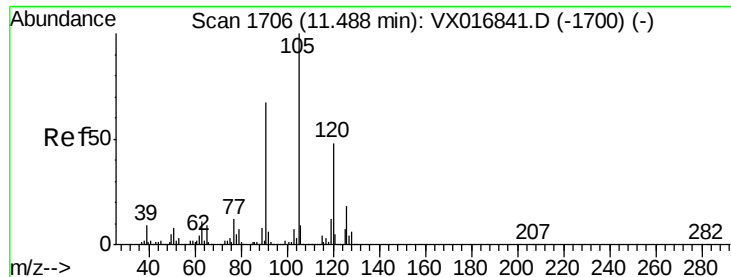
Tgt Ion: 91 Resp: 140747

Ion Ratio Lower Upper

91 100

126 0.4 17.2 51.5#



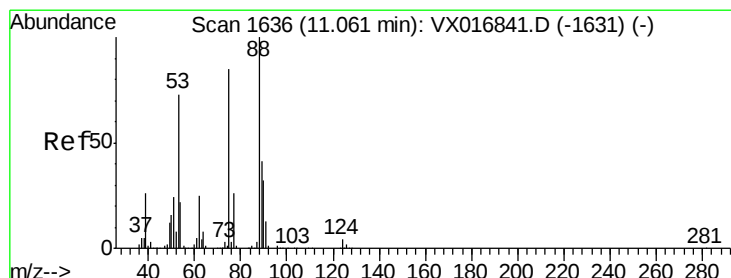
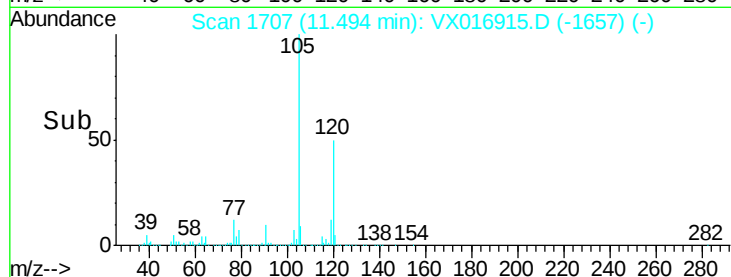
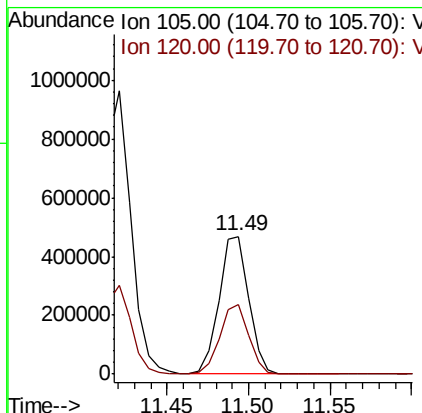
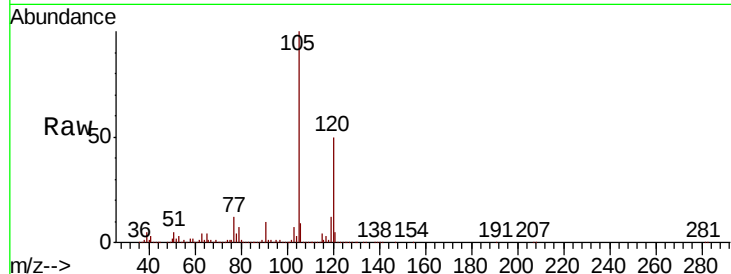


#80

1,3,5-Trimethylbenzene
Concen: 37.124 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Instrument :
MSVOA_X
ClientSampleId :
MW-5

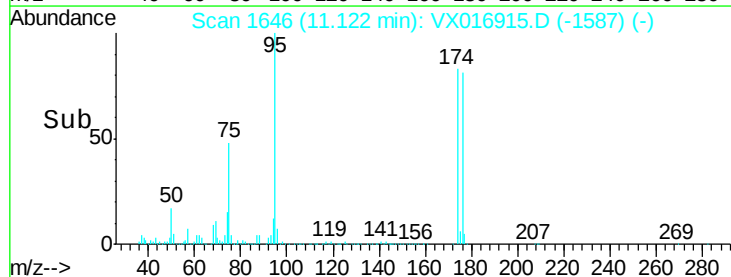
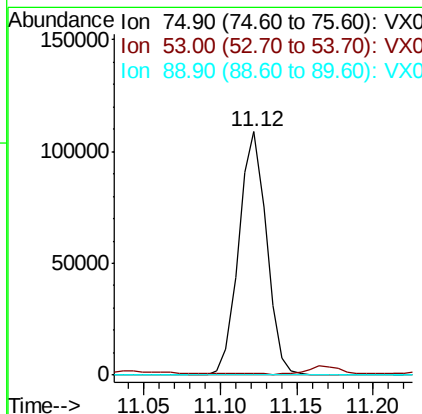
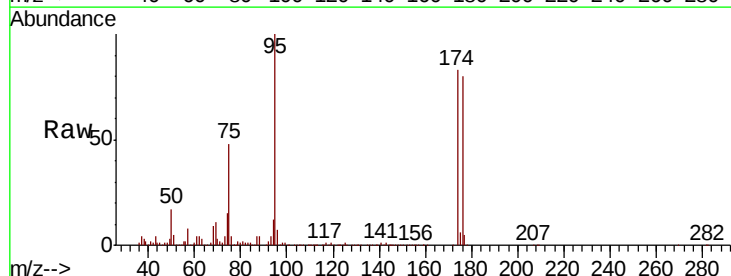
Tot Ion:105 Resp: 592164
Ion Ratio Lower Upper
105 100
120 49.1 24.6 74.0

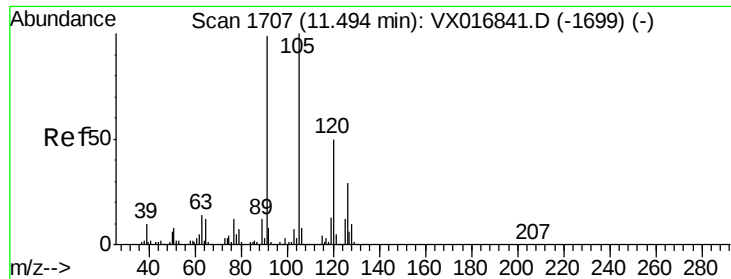


#81

trans-1,4-Dichloro-2-butene
Concen: 64.107 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion: 75 Resp: 137282
Ion Ratio Lower Upper
75 100
53 0.0 69.8 104.8#
89 0.0 38.3 57.5#





#82

4-Chlorotoluene

Concen: 9.294 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. -0.07 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampled :

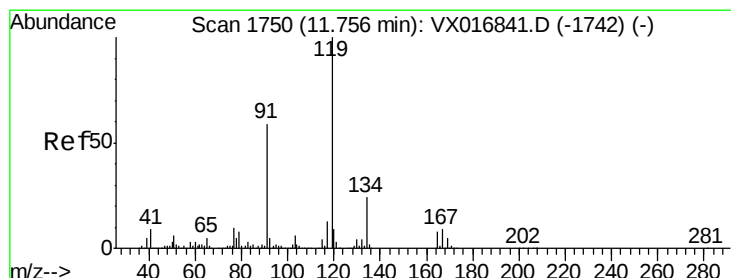
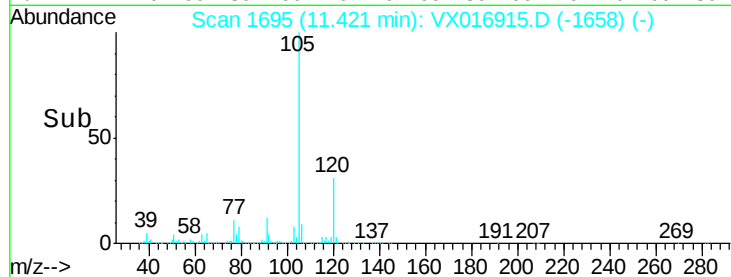
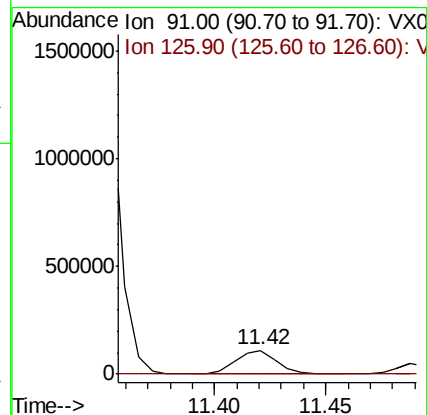
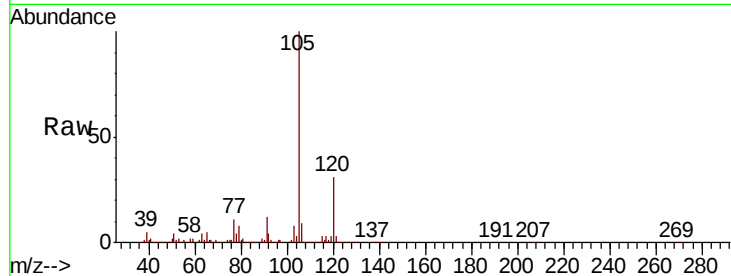
MW-5

Tot Ion: 91 Resp: 140747

Ion Ratio Lower Upper

91 100

126 0.4 15.0 45.0#



#83

tert-Butylbenzene

Concen: 12.147 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

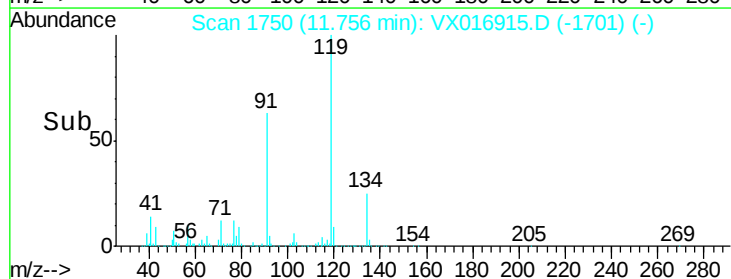
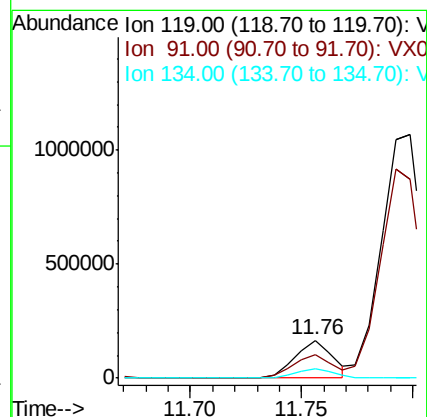
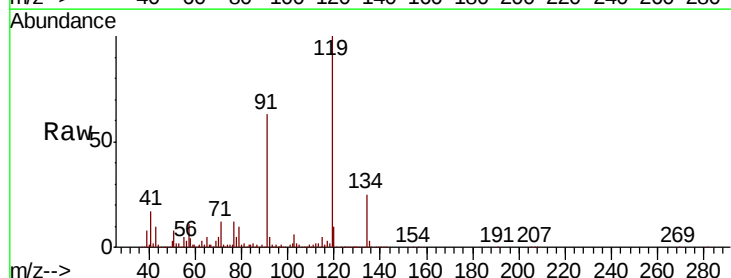
Tgt Ion: 119 Resp: 191701

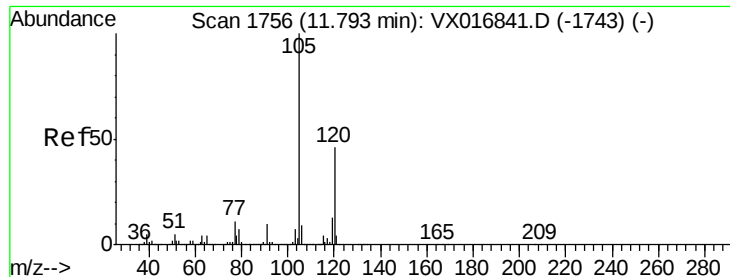
Ion Ratio Lower Upper

119 100

91 65.7 28.5 85.5

134 26.0 11.7 35.1



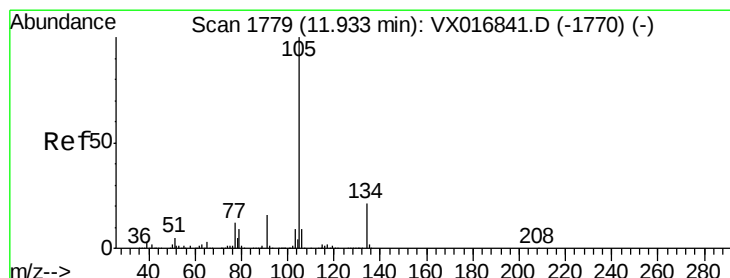
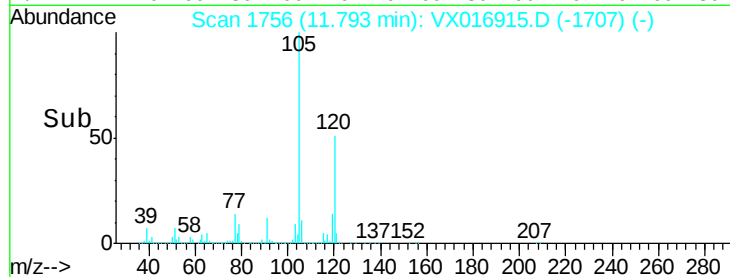
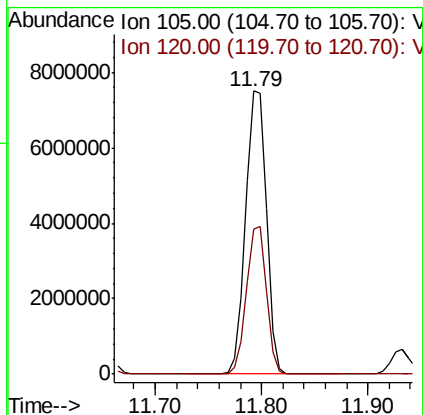
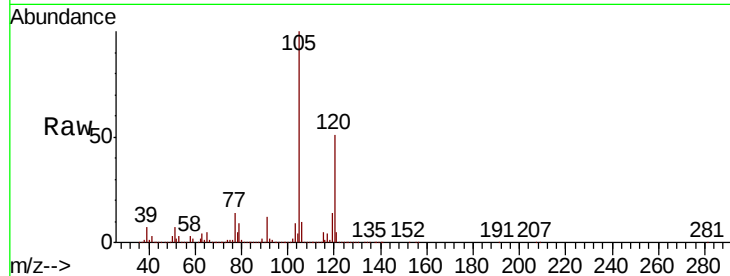


#84

1,2,4-Trimethylbenzene
Concen: 628.987 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Instrument :
MSVOA_X
ClientSampled :
MW-5

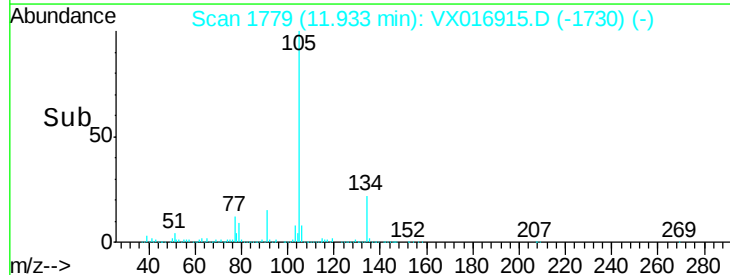
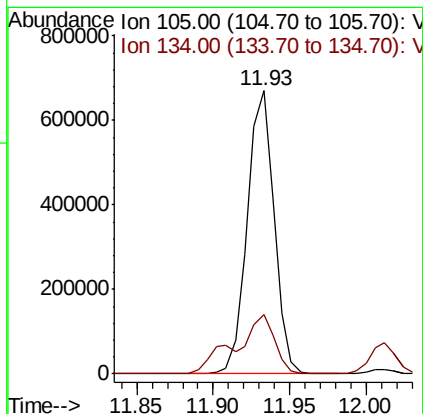
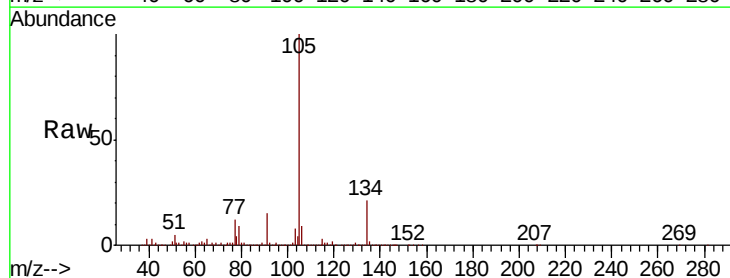
Tot Ion:105 Resp:10334971
Ion Ratio Lower Upper
105 100
120 50.2 22.3 66.9

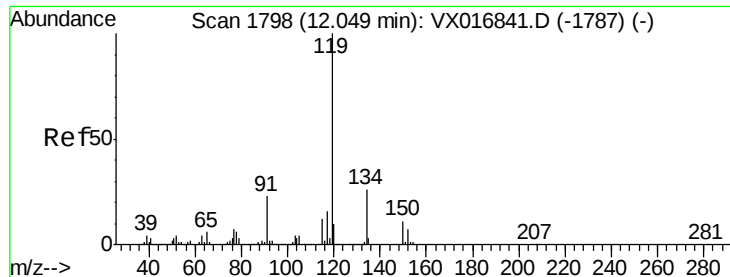


#85

sec-Butylbenzene
Concen: 44.474 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion:105 Resp: 815185
Ion Ratio Lower Upper
105 100
134 30.5 10.4 31.2

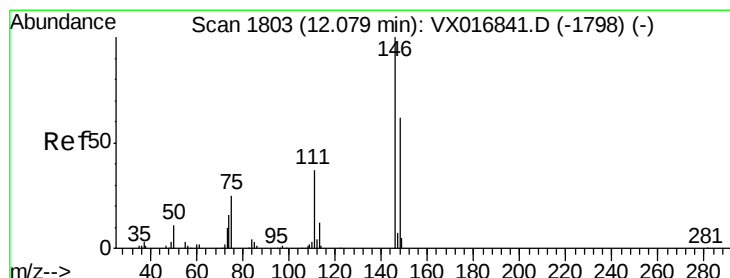
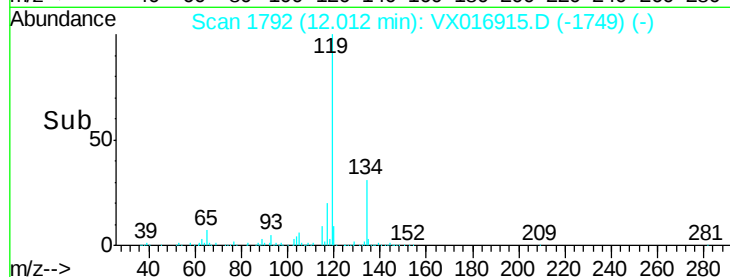
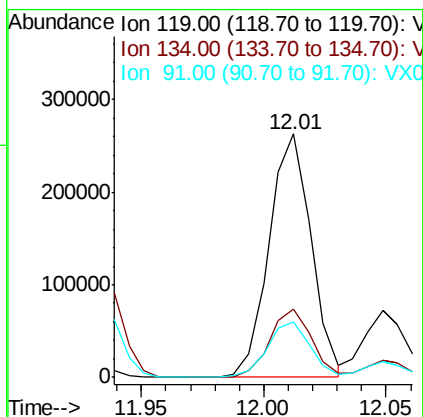
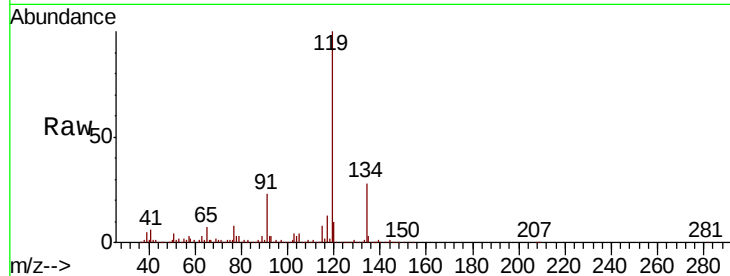




#86
p-Isopropyltoluene
Concen: 18.634 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.04 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

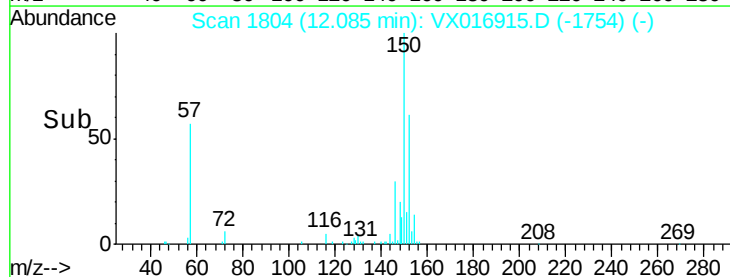
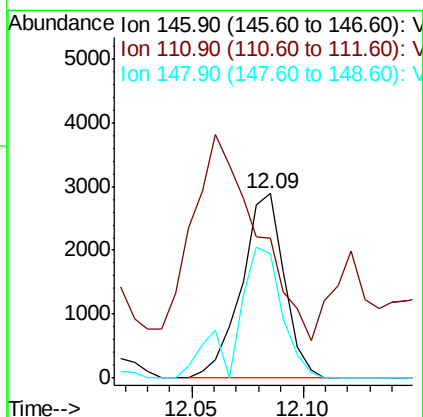
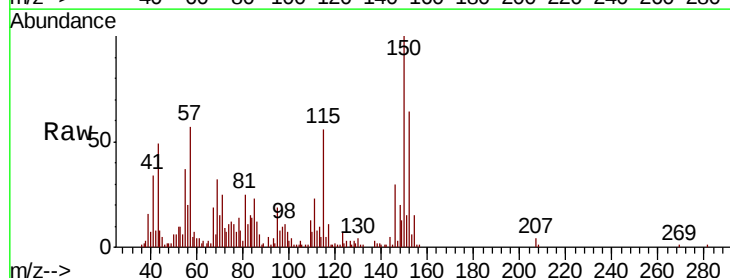
Instrument :
MSVOA_X
ClientSampleId :
MW-5

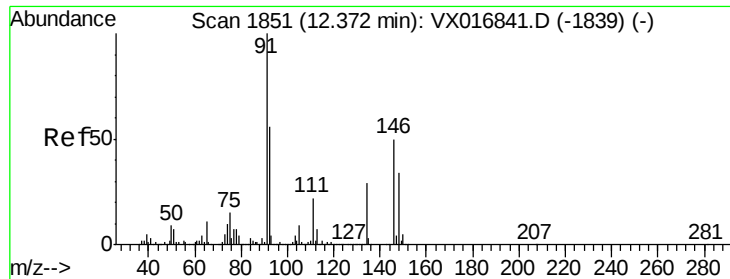
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	12.9	38.7
91	22.9	11.6	34.8



#88
1,4-Dichlorobenzene
Concen: 0.416 ug/l
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.0	57.0#
148	76.9	31.6	95.0

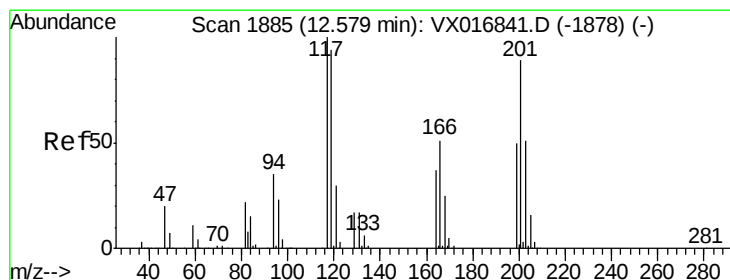
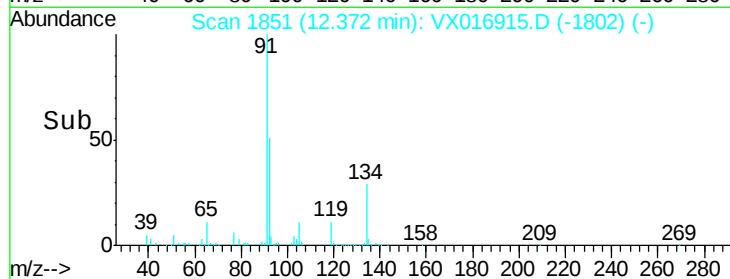
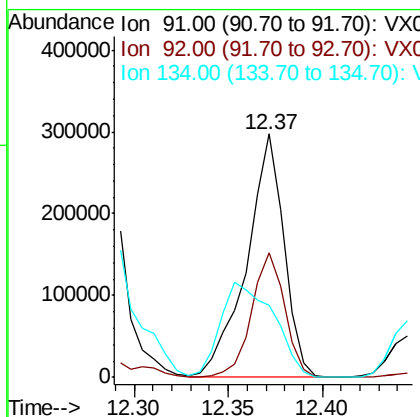
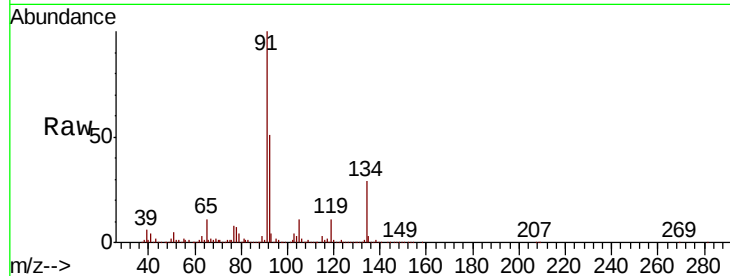




#89
n-Butylbenzene
Concen: 28.220 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

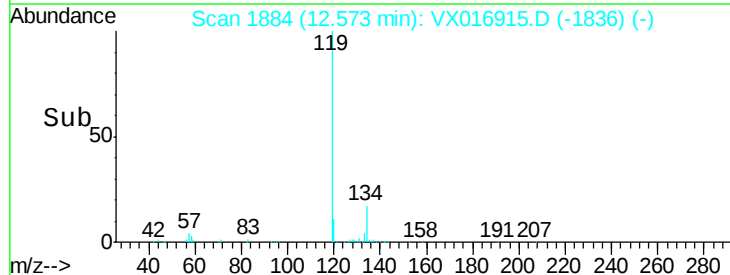
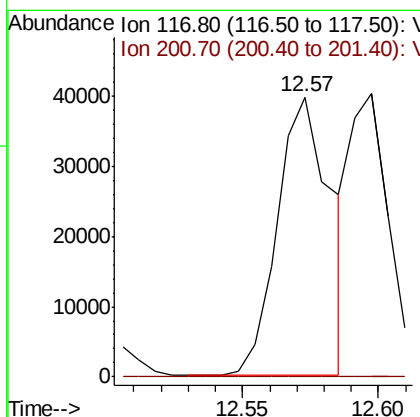
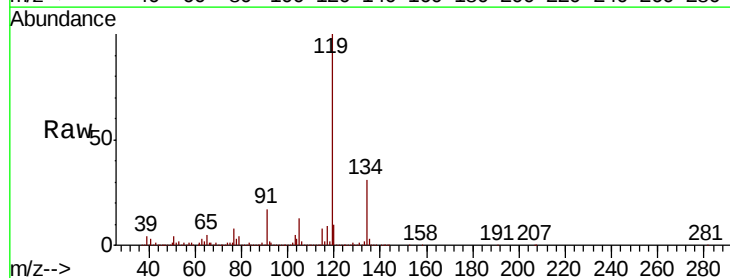
Instrument :
MSVOA_X
ClientSampleId :
MW-5

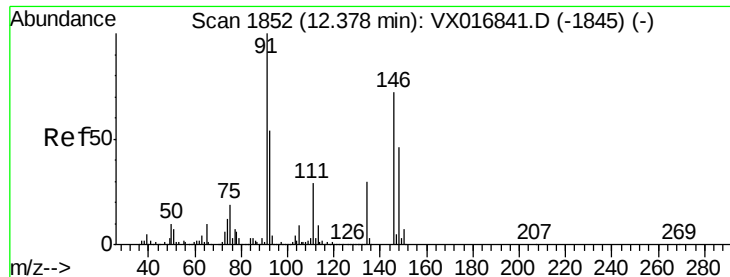
Tot Ion: 91 Resp: 406401
Ion Ratio Lower Upper
91 100
92 45.5 27.4 82.2
134 55.6 13.9 41.6#



#90
Hexachloroethane
Concen: 17.895 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX016915.D
Acq: 20 Jun 2020 07:47

Tgt Ion: 117 Resp: 54135
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.5#





#91

1,2-Dichlorobenzene

Concen: 0.206 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

MW-5

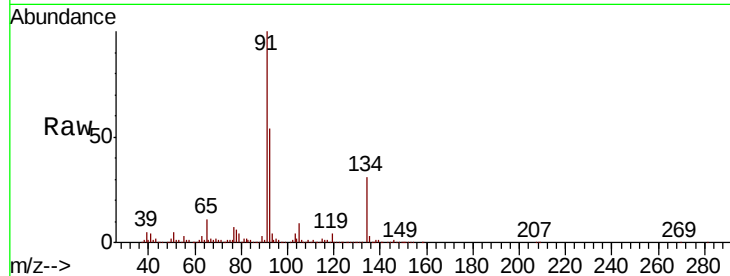
Tot Ion:146 Resp: 1829

Ion Ratio Lower Upper

146 100

111 74.4 20.9 62.7#

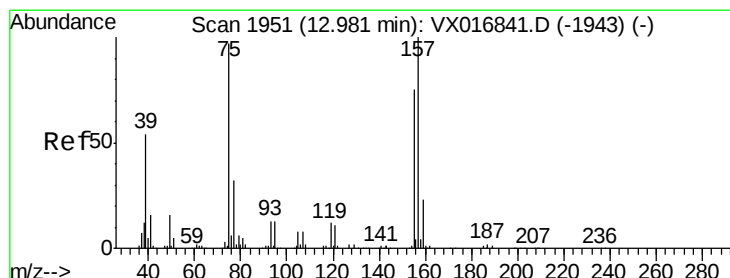
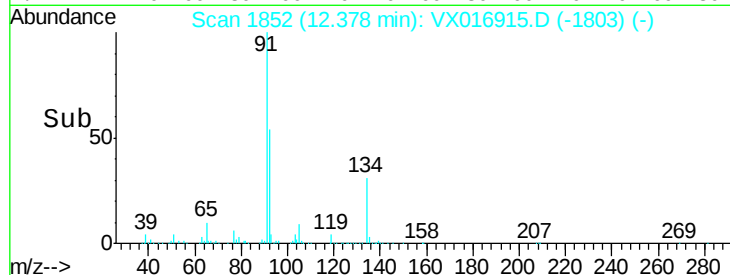
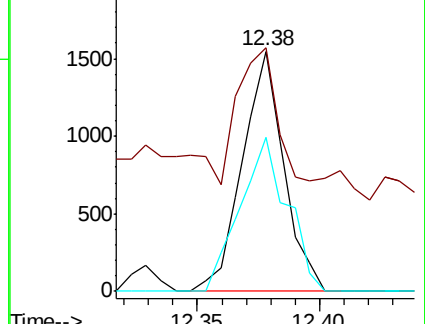
148 73.1 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.428 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

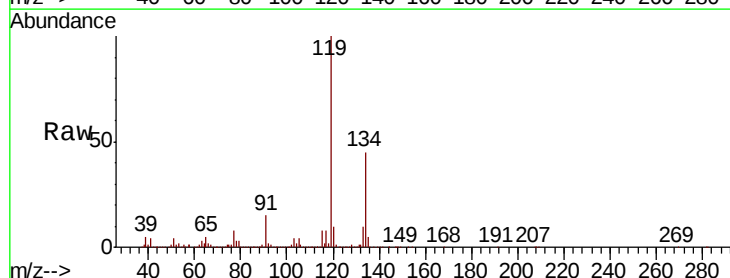
Tgt Ion: 75 Resp: 4243

Ion Ratio Lower Upper

75 100

155 2.4 46.4 139.1#

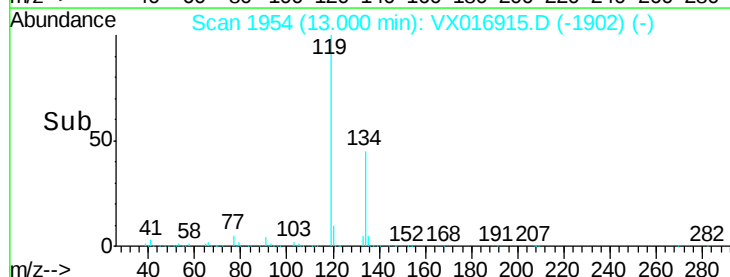
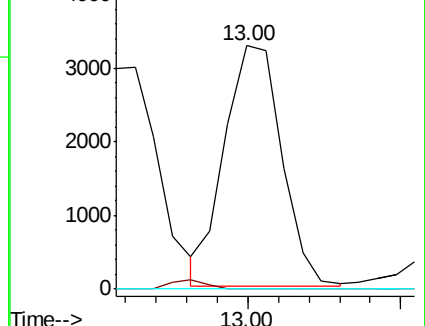
157 0.0 58.6 175.8#

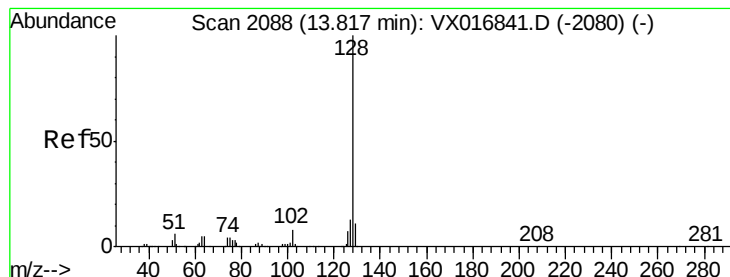


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 18.466 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016915.D

Acq: 20 Jun 2020 07:47

Instrument :

MSVOA_X

ClientSampleId :

MW-5

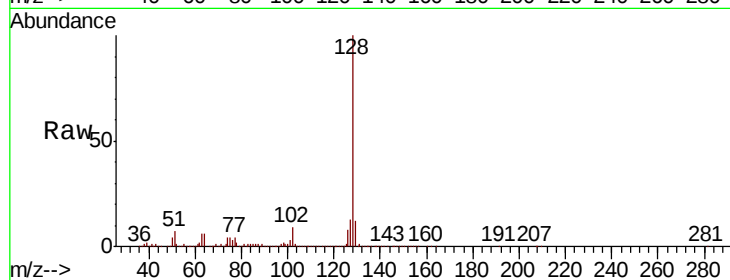
Tot Ion:128 Resp: 323729

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

