

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016910.D
 Acq On : 20 Jun 2020 05:53
 Operator : JC/SP
 Sample : L3063-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-9

Quant Time: Jun 22 01:54:24 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	5.64	168	326325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	559394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	282755	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	185570	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
35) Dibromofluoromethane	5.47	113	167763	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
50) Toluene-d8	8.70	98	575699	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
62) 4-Bromofluorobenzene	11.12	95	273134	56.47	ug/l	0.00
Spiked Amount			Recovery	=	112.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	1165	0.468	ug/l	80
11) Tert butyl alcohol	3.01	59	5796	8.736	ug/l #	72
13) Acrolein	2.25	56	1027	2.553	ug/l #	1
14) Allyl chloride	2.82	41	18754	4.066	ug/l #	62
15) Acrylonitrile	3.15	53	2389	1.571	ug/l #	44
16) Acetone	2.42	43	14558	10.218	ug/l	94
17) Carbon Disulfide	2.56	76	6618	0.734	ug/l #	84
18) Methyl Acetate	2.82	43	48957	13.513	ug/l #	48
19) Methyl tert-butyl Ether	3.17	73	53605	5.394	ug/l #	23
20) Methylene Chloride	2.84	84	2948	0.863	ug/l #	77
25) 2-Butanone	4.65	43	4305	2.196	ug/l #	89
30) Chloroform	5.24	83	7793	1.337	ug/l #	32
31) Cyclohexane	5.56	56	17973	3.703	ug/l #	92
36) 1,1-Dichloropropene	5.64	75	22555	4.952	ug/l #	49
37) Ethyl Acetate	4.65	43	4305	1.070	ug/l #	73
38) Carbon Tetrachloride	5.63	117	29827	5.837	ug/l #	15
39) Methylcyclohexane	7.44	83	18951	3.579	ug/l #	86
40) Benzene	6.12	78	78968	5.779	ug/l	100
41) Methacrylonitrile	5.04	41	1485	0.680	ug/l #	27
43) Isopropyl Acetate	6.43	43	2324	0.331	ug/l #	59
47) Bromodichloromethane	7.92	83	11318	2.284	ug/l #	26
48) Methyl methacrylate	7.76	41	2481	0.750	ug/l #	76
51) 4-Methyl-2-Pentanone	8.62	43	887	0.210	ug/l #	84
52) Toluene	8.77	92	4341	0.479	ug/l	100
56) Ethyl methacrylate	9.15	69	1021	0.206	ug/l #	7
59) 2-Hexanone	9.29	43	2283	0.746	ug/l	69
67) Ethyl Benzene	10.23	91	36098	1.889	ug/l	97
68) m/p-Xylenes	10.35	106	43920	5.905	ug/l	95
69) o-Xylene	10.68	106	1698	0.247	ug/l	83
73) Isopropylbenzene	11.00	105	227249	12.483	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	129333	25.045	ug/l #	36
78) n-propylbenzene	11.34	91	268486	13.215	ug/l	98
79) 2-Chlorotoluene	11.44	91	9097	0.732	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	105106	6.691	ug/l	99

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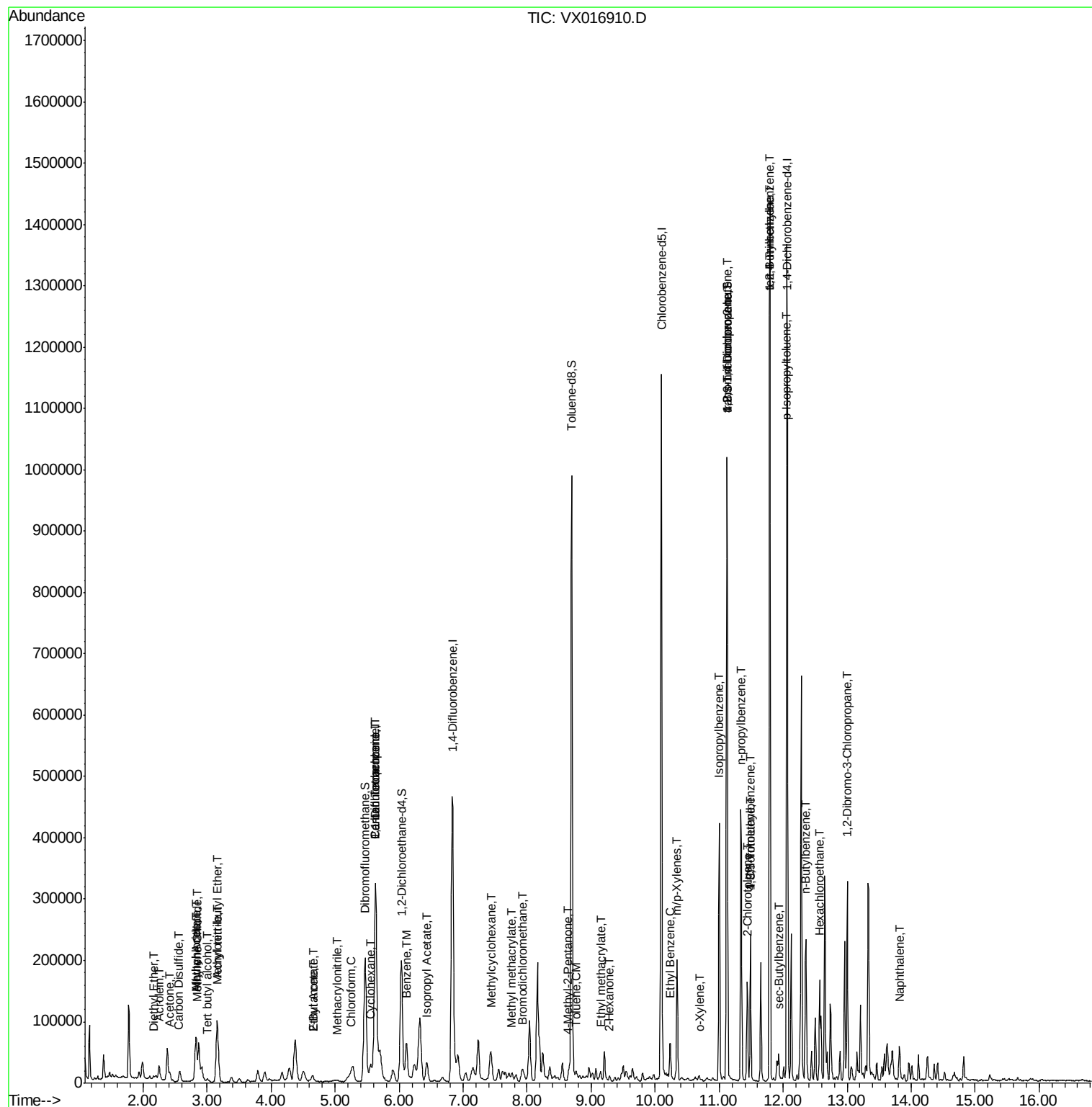
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.12	75	129333	61.331	ug/l #	14
82) 4-Chlorotoluene	11.49	91	10884	0.730	ug/l #	48
83) tert-Butylbenzene	11.79	119	79205	5.096	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.79	105	637609	39.406	ug/l	99
85) sec-Butylbenzene	11.93	105	22454	1.244	ug/l	91
86) p-Isopropyltoluene	12.05	119	7422	0.449	ug/l	87
89) n-Butylbenzene	12.36	91	28711	2.025	ug/l #	13
90) Hexachloroethane	12.57	117	11565	3.882	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1028	0.843	ug/l #	1
95) Naphthalene	13.82	128	33349	1.932	ug/l #	96

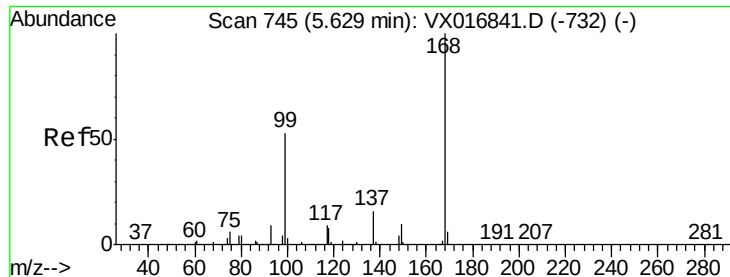
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

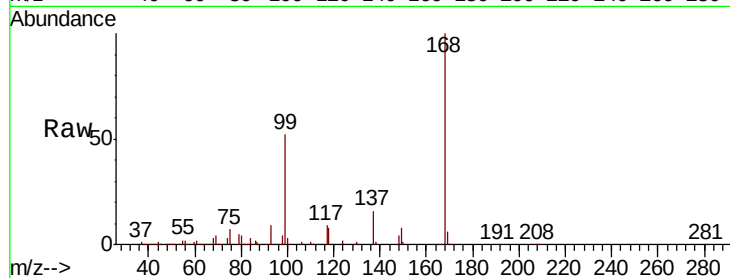
TW-9

Tot Ion:168 Resp: 326325

Ion Ratio Lower Upper

168 100

99 51.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

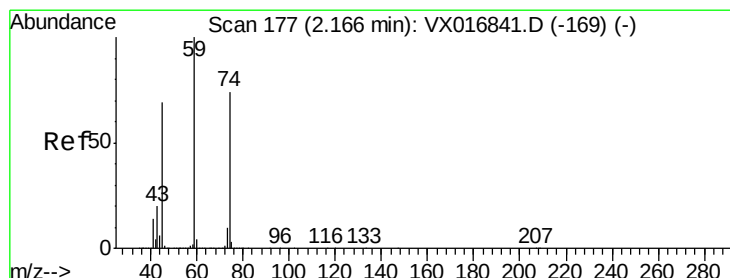
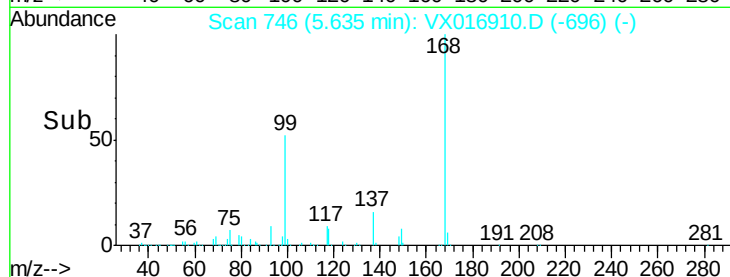
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 0.468 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016910.D

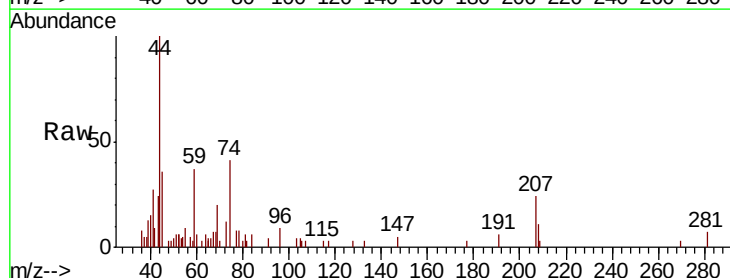
Acq: 20 Jun 2020 05:53

Tgt Ion: 74 Resp: 1165

Ion Ratio Lower Upper

74 100

45 109.9 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1000

800

600

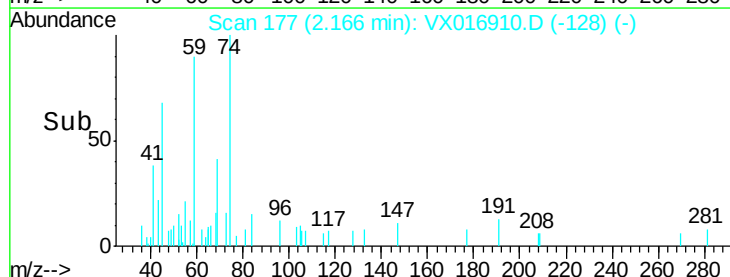
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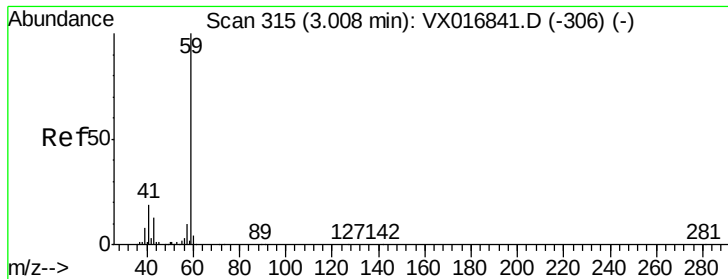
200

0

Time-->

2.10 2.15 2.20



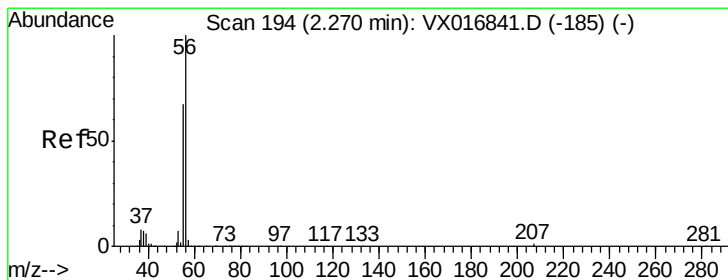
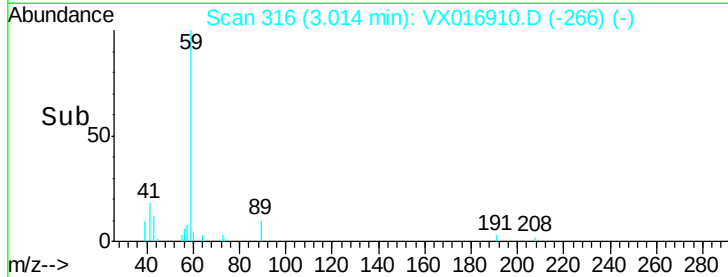
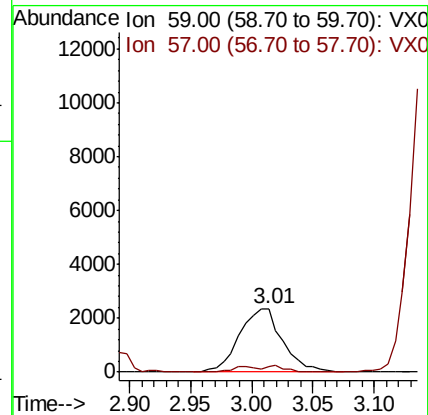
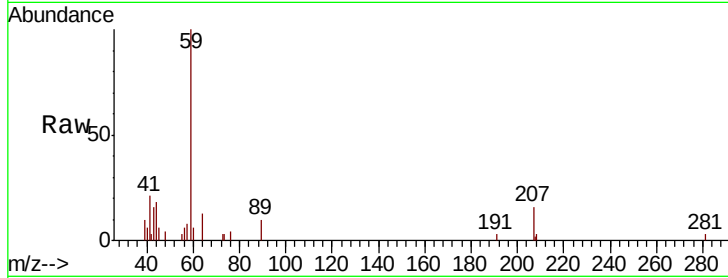


#11

Tert butyl alcohol
Concen: 8.736 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Instrument :
MSVOA_X
ClientSampled :
TW-9

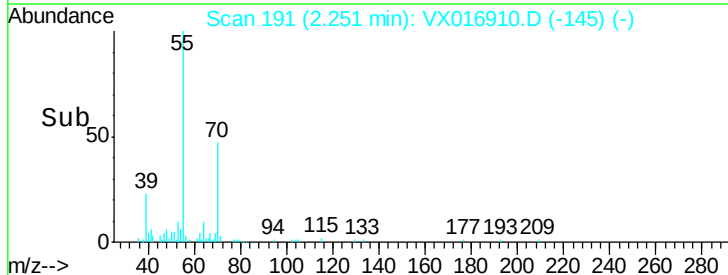
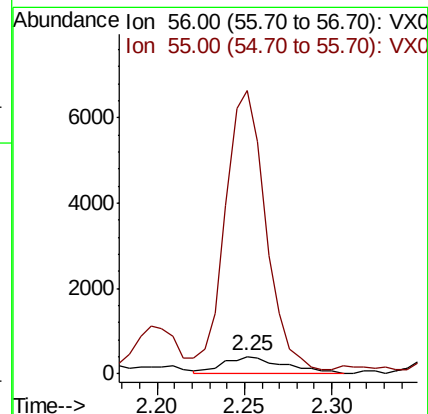
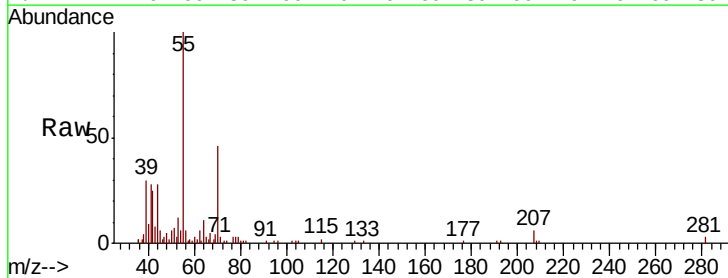
Tot Ion: 59 Resp: 5796
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

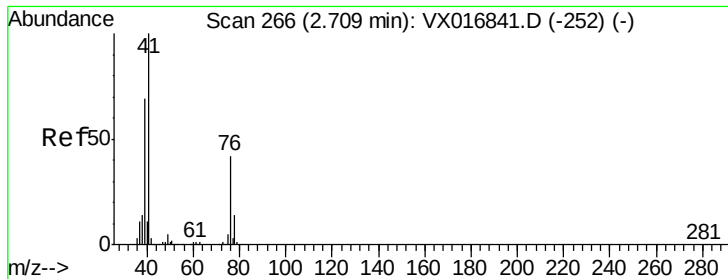


#13

Acrolein
Concen: 2.553 ug/l
RT: 2.25 min Scan# 191
Delta R.T. -0.02 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion: 56 Resp: 1027
Ion Ratio Lower Upper
56 100
55 1021.7 55.7 83.5#

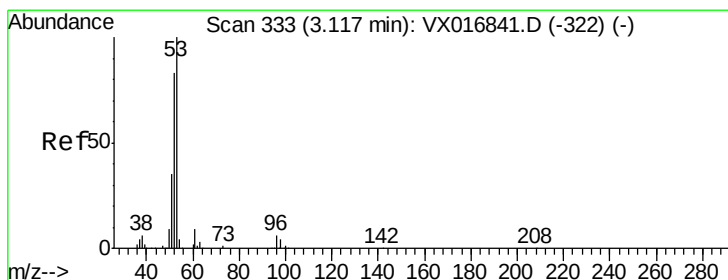
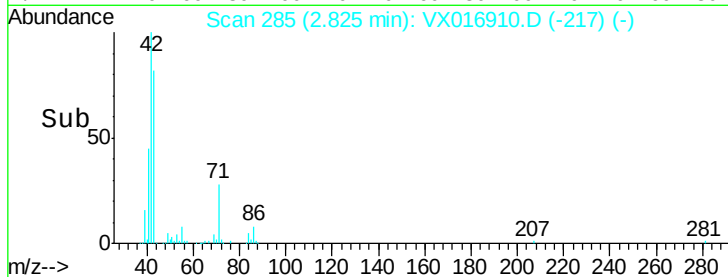
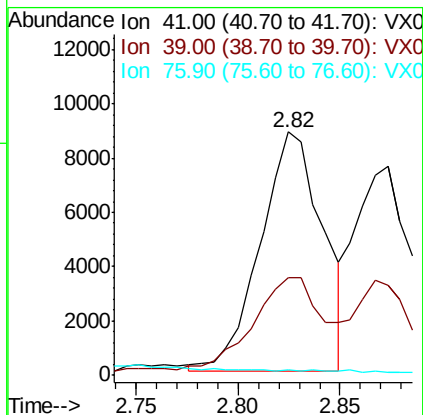
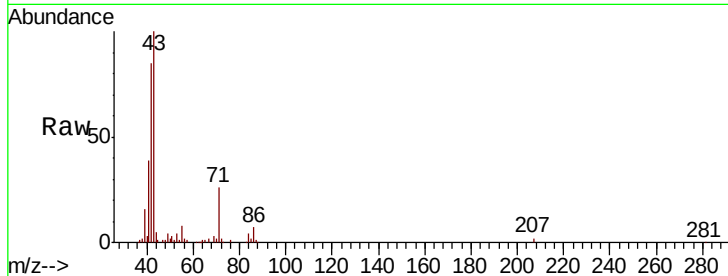




#14
Allvl chloride
Concen: 4.066 ug/l
RT: 2.82 min Scan# 285
Delta R.T. 0.12 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

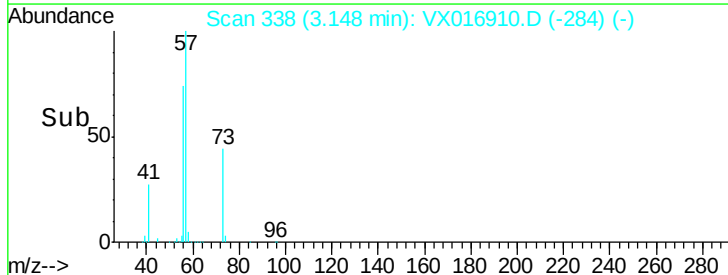
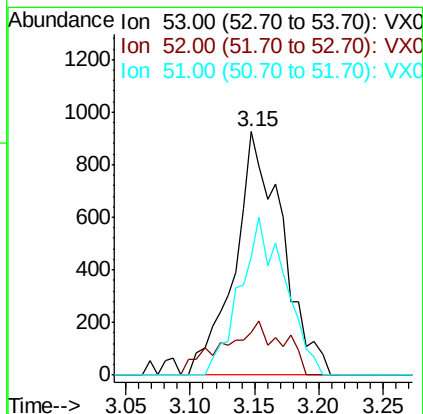
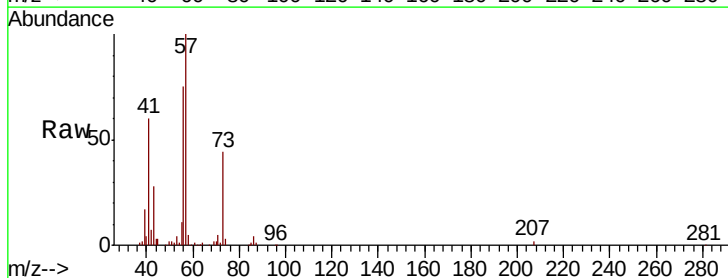
Instrument :
MSVOA_X
ClientSampled :
TW-9

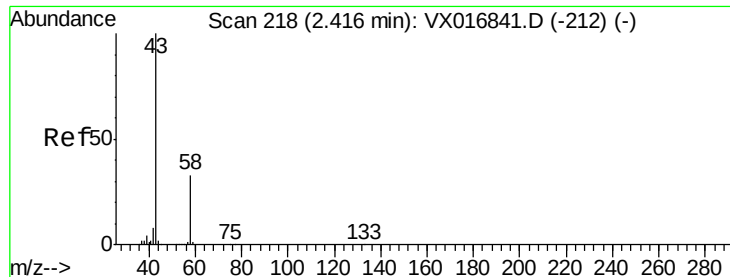
Tot Ion: 41 Resp: 18754
Ion Ratio Lower Upper
41 100
39 46.3 50.7 76.1#
76 0.0 30.9 46.3#



#15
Acrylonitrile
Concen: 1.571 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.03 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion: 53 Resp: 2389
Ion Ratio Lower Upper
53 100
52 27.2 66.2 99.2#
51 61.3 28.7 43.1#





#16

Acetone

Concen: 10.218 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

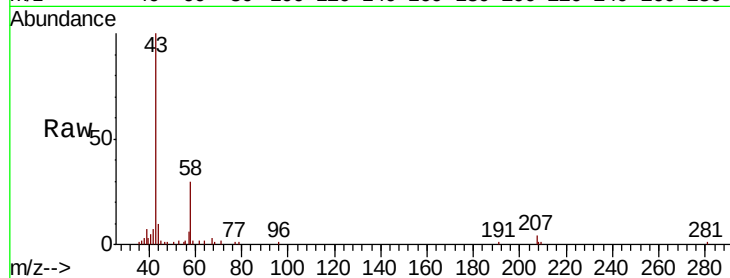
TW-9

Tot Ion: 43 Resp: 14558

Ion Ratio Lower Upper

43 100

58 29.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

6000

4000

2000

0

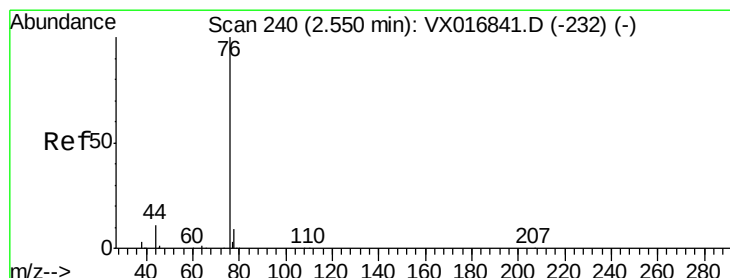
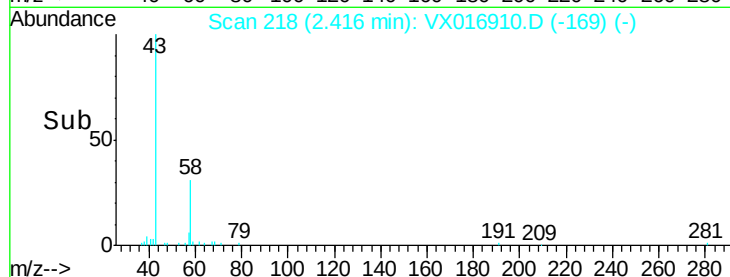
2.40

2.42

2.45

2.50

Time-->



#17

Carbon Disulfide

Concen: 0.734 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016910.D

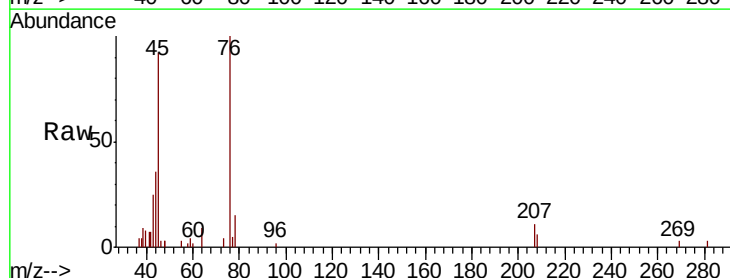
Acq: 20 Jun 2020 05:53

Tgt Ion: 76 Resp: 6618

Ion Ratio Lower Upper

76 100

78 15.1 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

3000

2000

1000

0

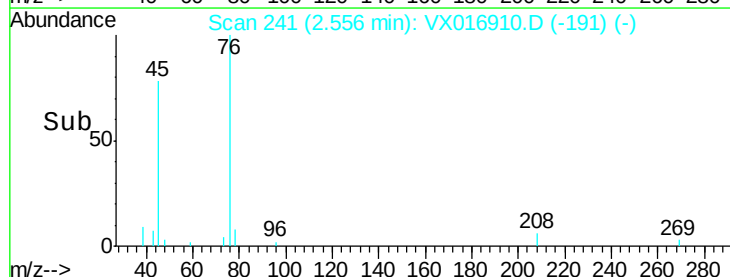
2.50

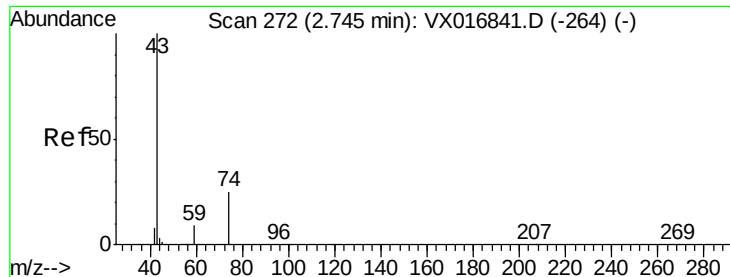
2.55

2.60

2.65

Time-->

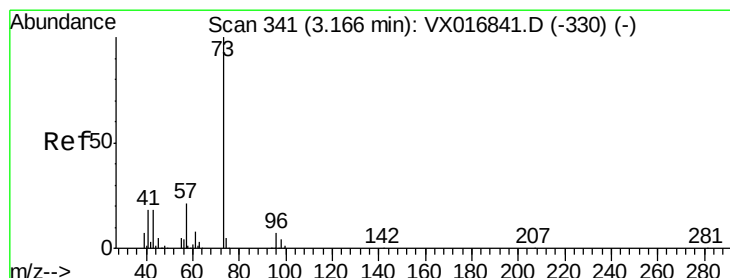
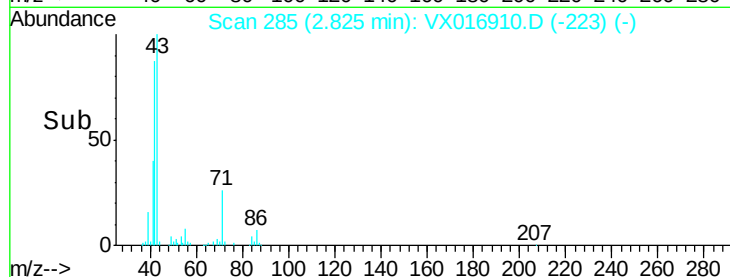
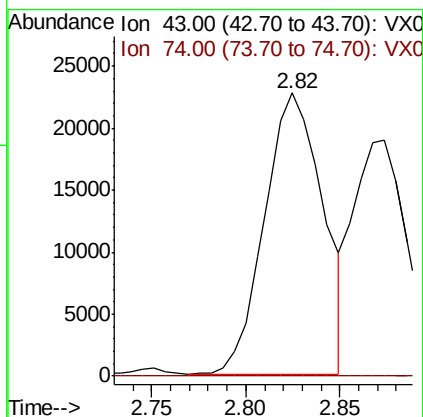
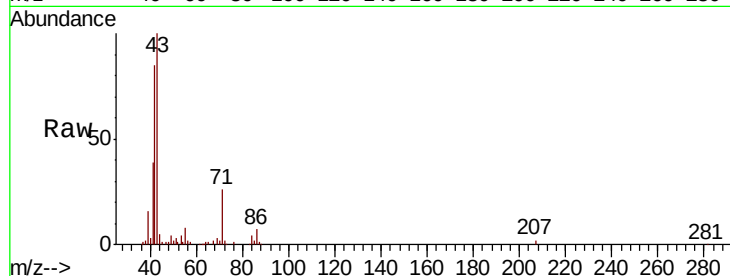




#18
Methvl Acetate
Concen: 13.513 ug/l
RT: 2.82 min Scan# 285
Delta R.T. 0.08 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

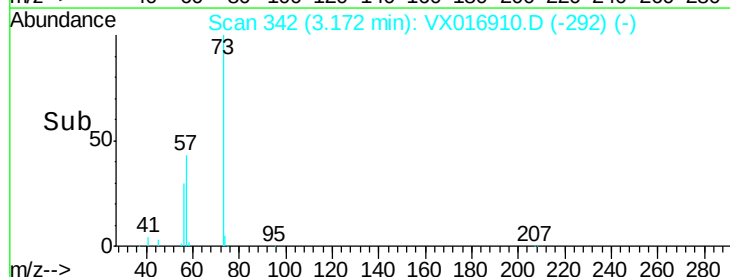
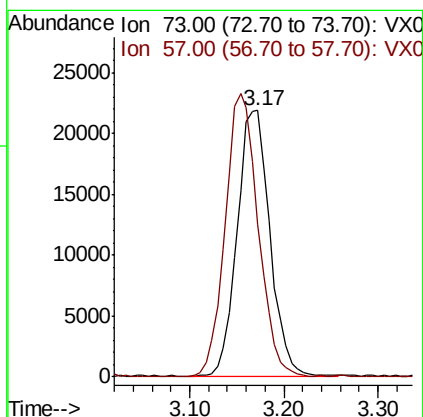
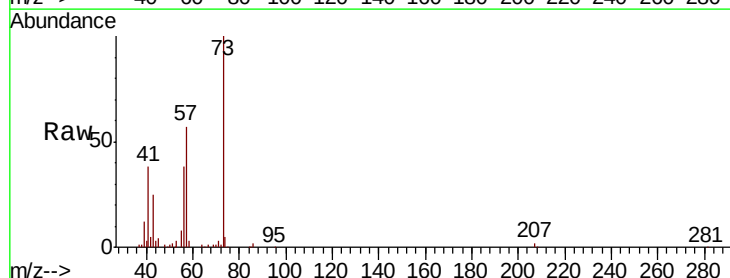
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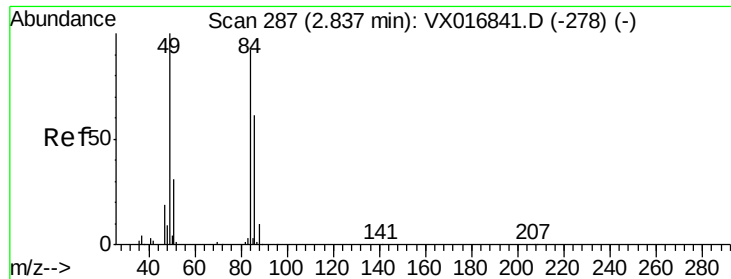
Tot Ion: 43 Resp: 48957
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.8#



#19
Methyl tert-butyl Ether
Concen: 5.394 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion: 73 Resp: 53605
Ion Ratio Lower Upper
73 100
57 57.0 16.9 25.3#

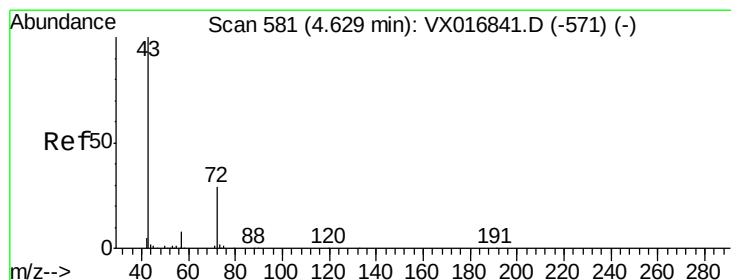
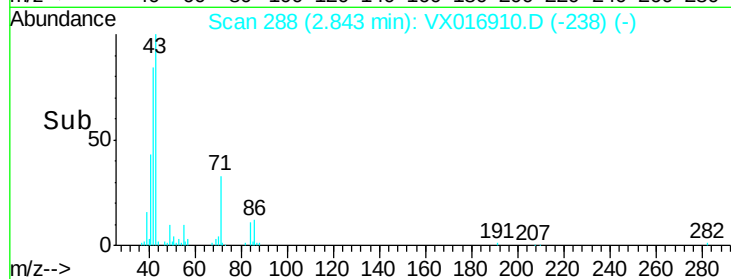
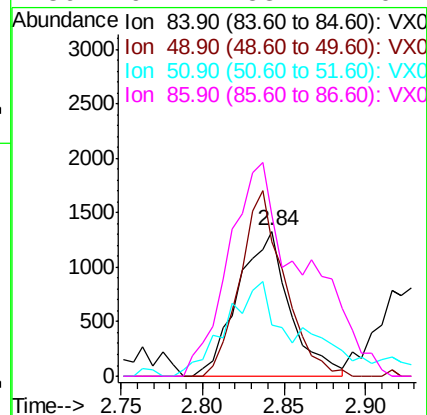
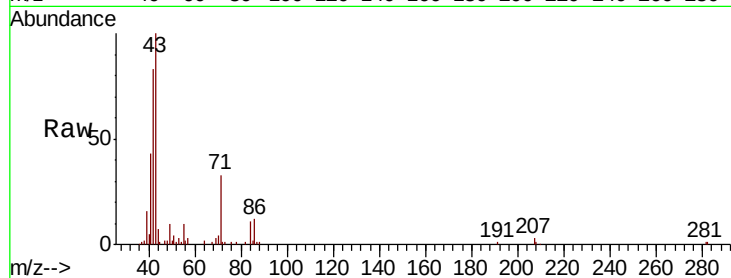




#20
Methylene Chloride
Concen: 0.863 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

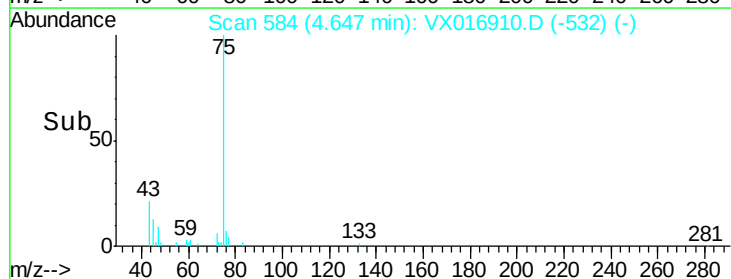
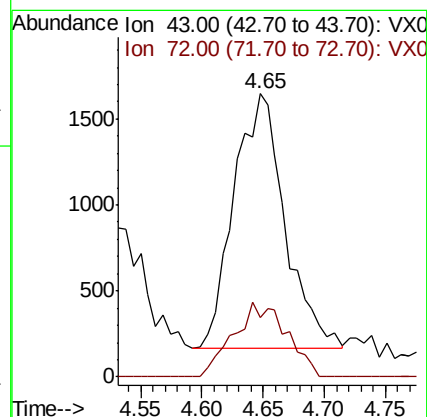
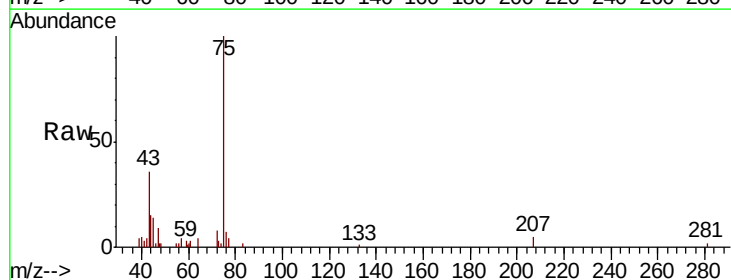
Instrument :
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ClientSampleId :
TW-9

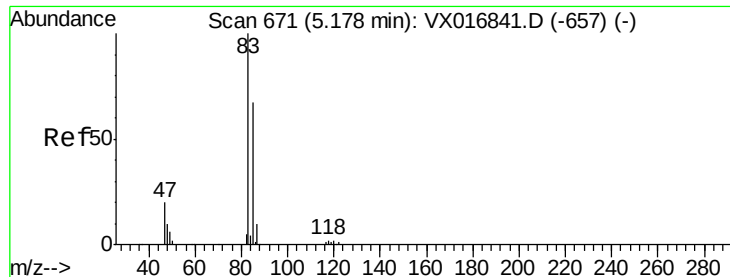
Tot Ion: 84 Resp: 2948
Ion Ratio Lower Upper
84 100
49 92.4 86.6 129.8
51 25.7 27.1 40.7#
86 97.4 53.1 79.7#



#25
2-Butanone
Concen: 2.196 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion: 43 Resp: 4305
Ion Ratio Lower Upper
43 100
72 23.3 23.5 35.3#

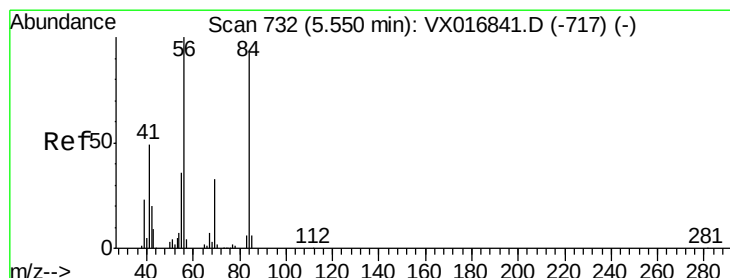
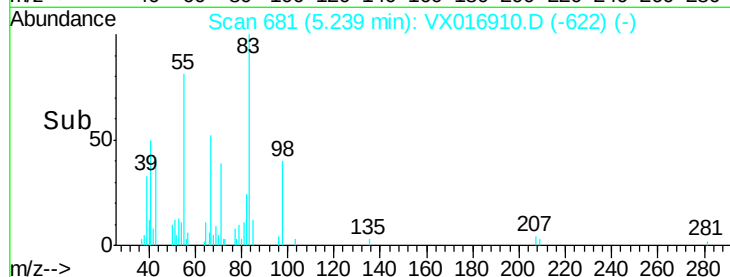
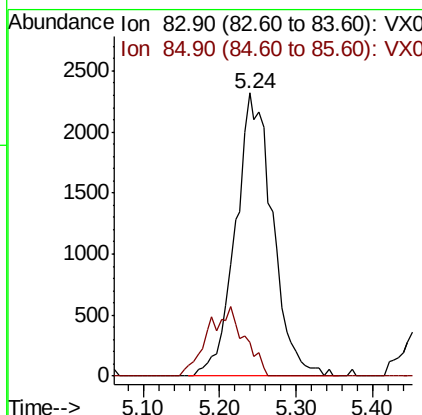
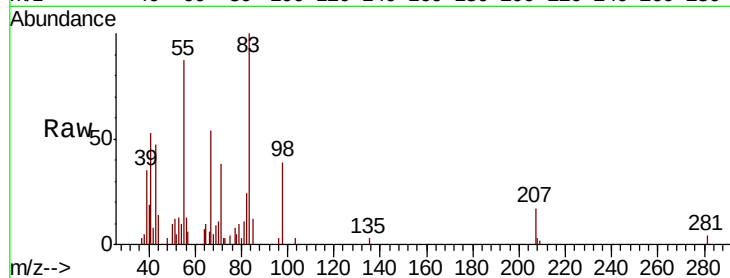




#30
Chloroform
Concen: 1.337 ug/l
RT: 5.24 min Scan# 681
Delta R.T. 0.06 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

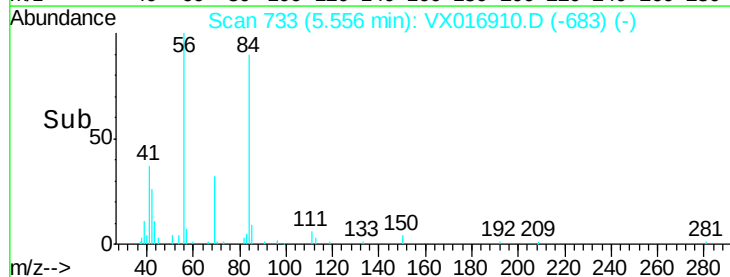
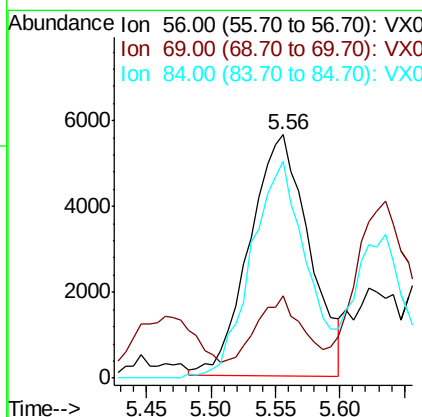
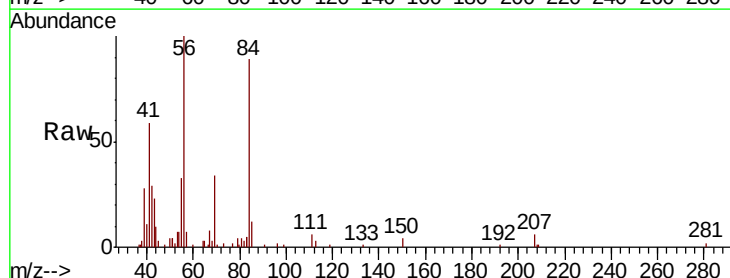
Instrument :
MSVOA_X
ClientSampled :
TW-9

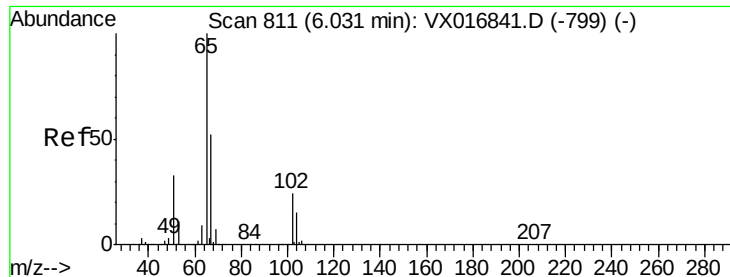
Tot Ion: 83 Resp: 7793
Ion Ratio Lower Upper
83 100
85 12.1 53.4 80.0#



#31
Cyclohexane
Concen: 3.703 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion: 56 Resp: 17973
Ion Ratio Lower Upper
56 100
69 17.4 26.1 39.1#
84 90.4 73.0 109.6

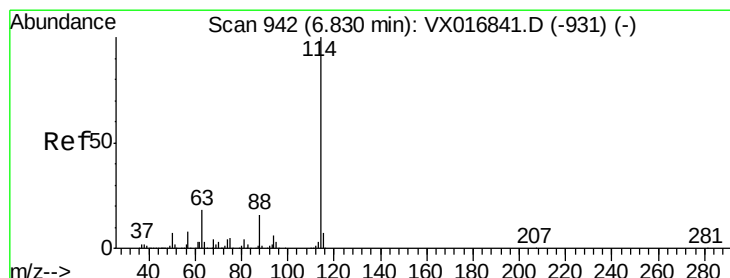
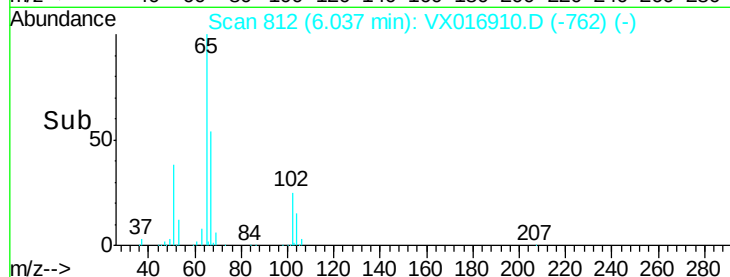
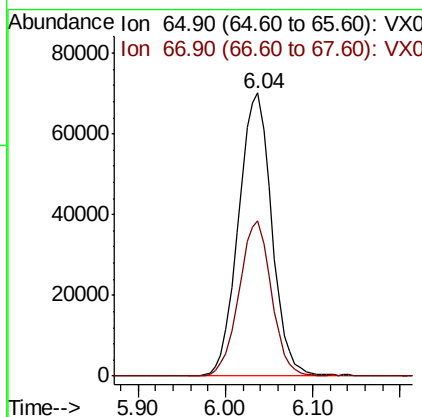
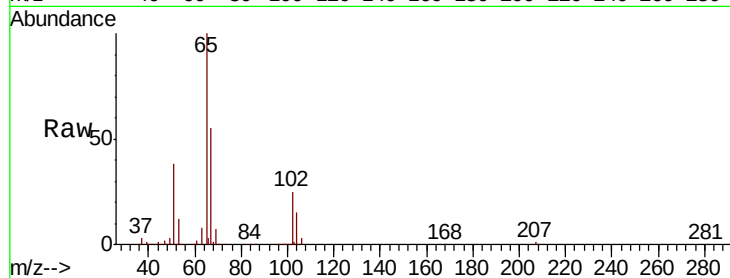




#33
 1,2-Dichloroethane-d4
 Concen: 47.283 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016910.D
 Acq: 20 Jun 2020 05:53

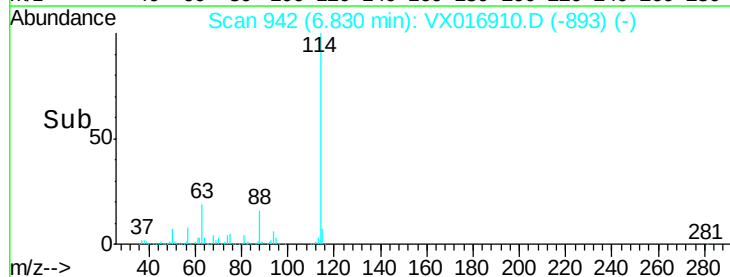
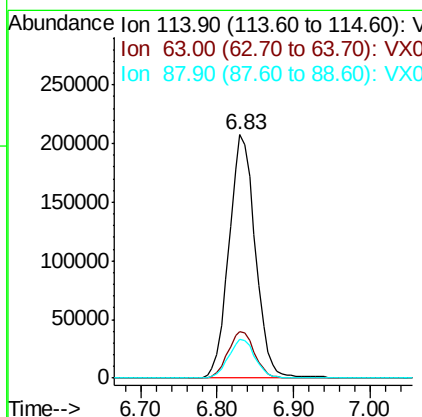
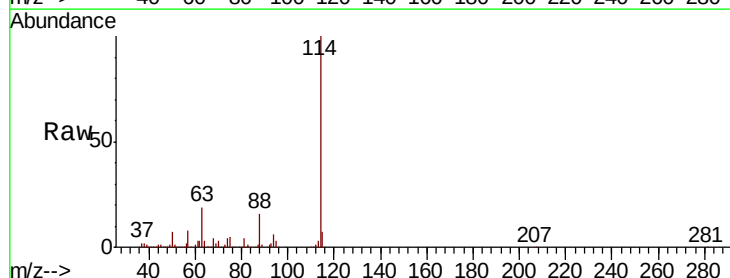
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-9

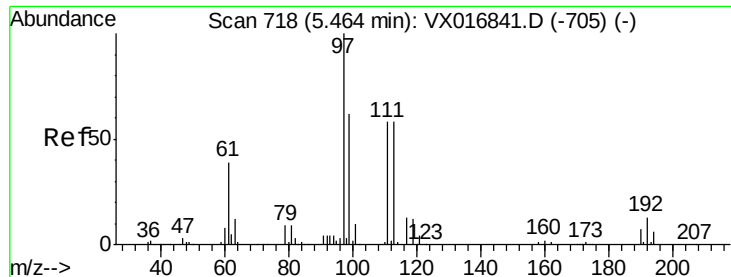
Tot Ion: 65 Resp: 185570
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016910.D
 Acq: 20 Jun 2020 05:53

Tgt Ion: 114 Resp: 493254
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.168 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampleId :

TW-9

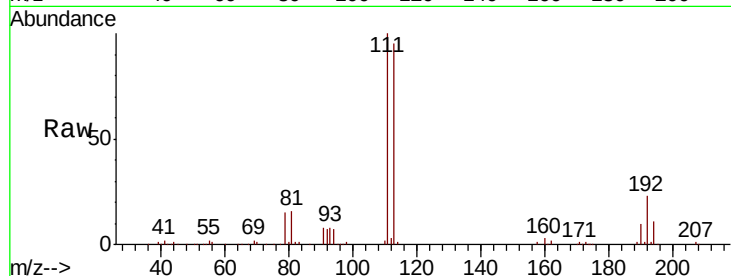
Tot Ion:113 Resp: 167763

Ion Ratio Lower Upper

113 100

111 101.7 81.0 121.4

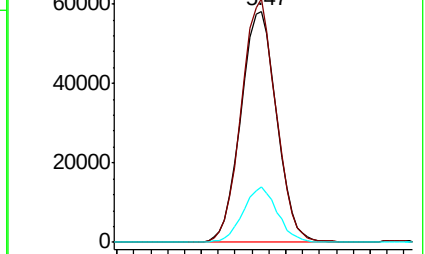
192 23.1 18.5 27.7



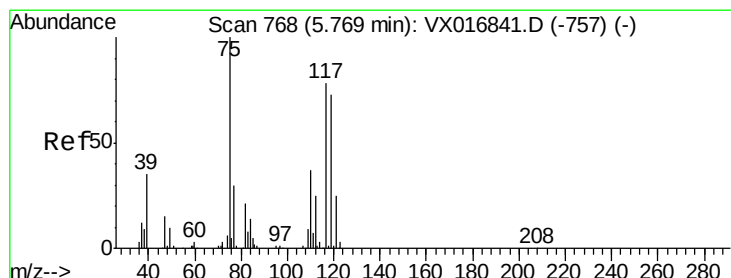
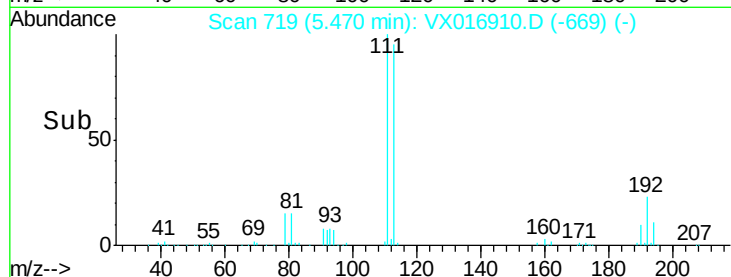
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 5.30 5.40 5.50 5.60



#36

1,1-Dichloropropene

Concen: 4.952 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

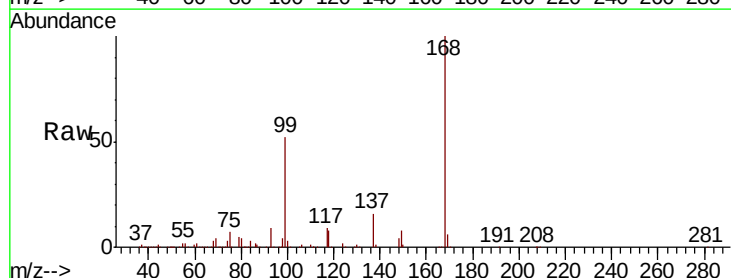
Tgt Ion: 75 Resp: 22555

Ion Ratio Lower Upper

75 100

110 9.8 18.9 56.9#

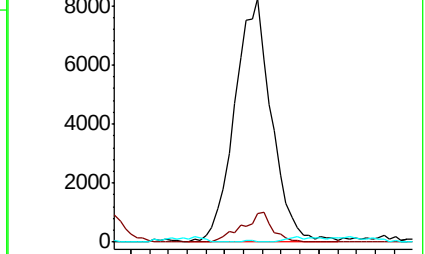
77 0.2 25.6 38.4#



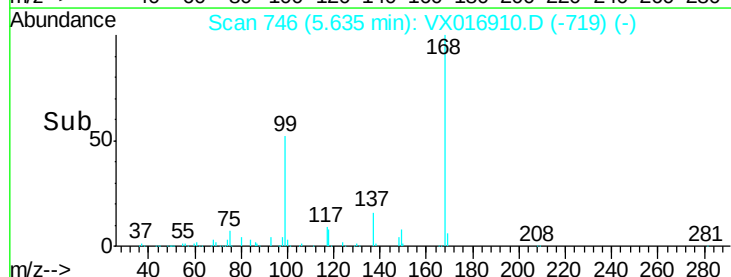
Abundance Ion 74.90 (74.60 to 75.60): VX0

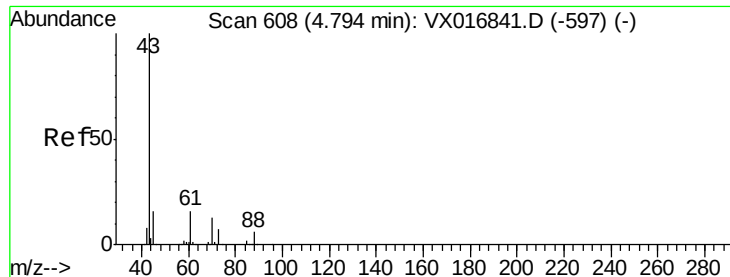
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



Time--> 5.50 5.60 5.70





#37

Ethyl Acetate

Concen: 1.070 ug/l

RT: 4.65 min Scan# 584

Delta R.T. -0.15 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampleId :

TW-9

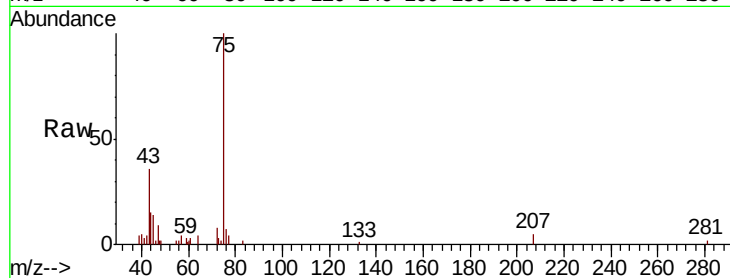
Tot Ion: 43 Resp: 4305

Ion Ratio Lower Upper

43 100

61 6.1 12.2 18.2#

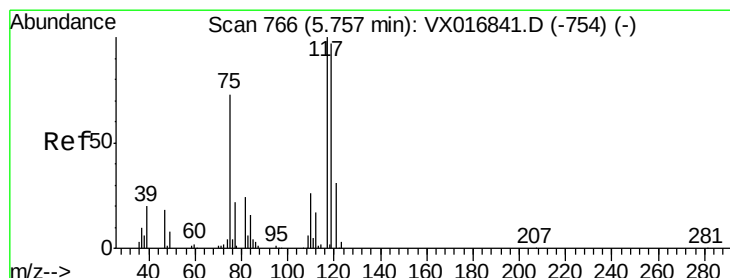
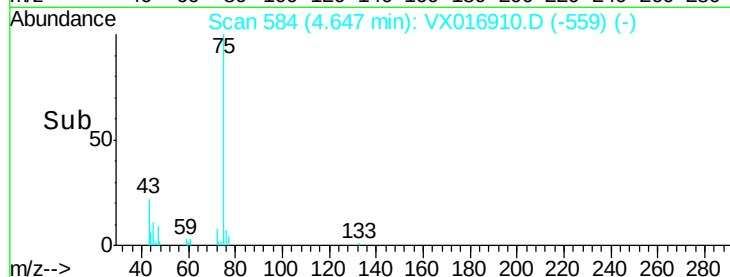
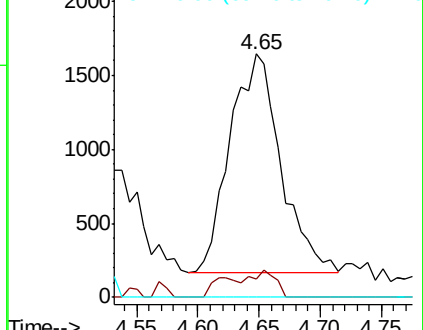
70 0.0 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.837 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

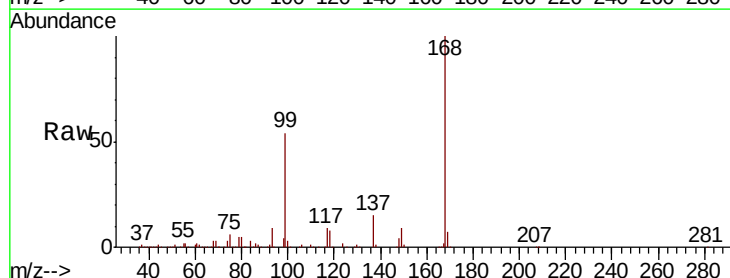
Tgt Ion: 117 Resp: 29827

Ion Ratio Lower Upper

117 100

119 4.9 77.4 116.2#

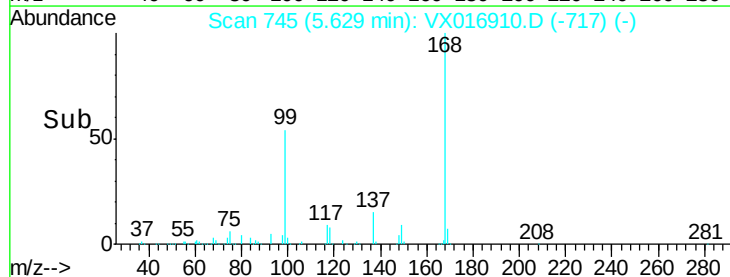
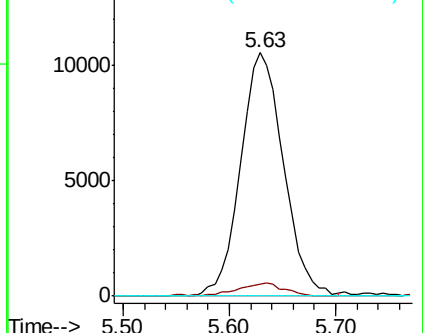
121 0.0 24.7 37.1#

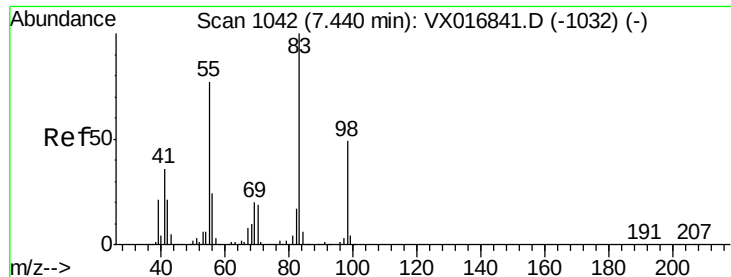


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

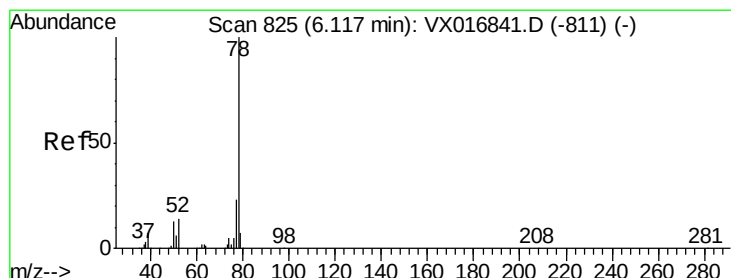
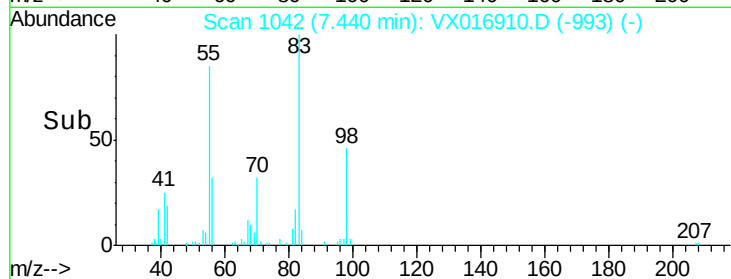
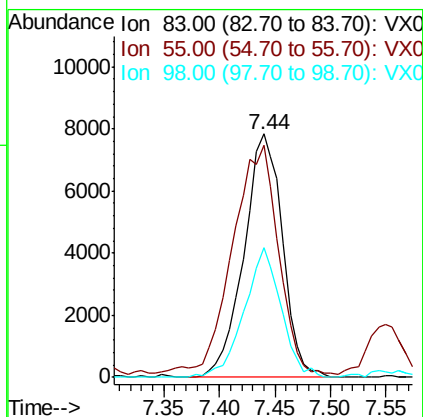
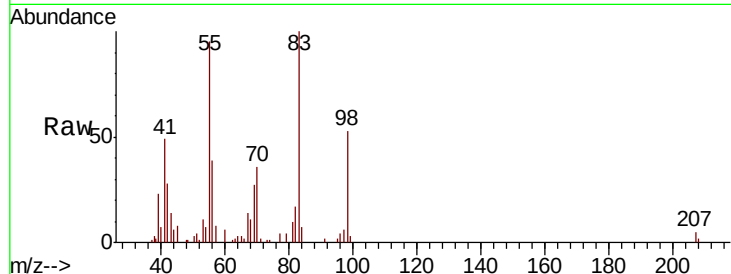




#39
Methylvlcyclohexane
Concen: 3.579 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

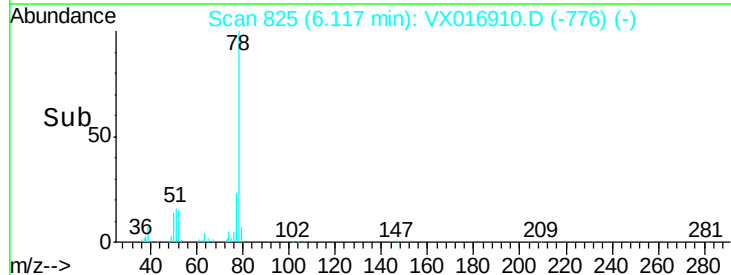
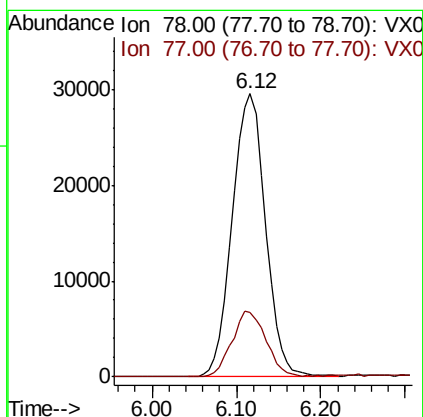
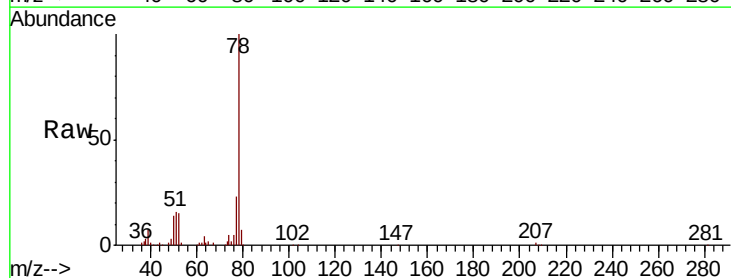
Instrument :
MSVOA_X
ClientSampled :
TW-9

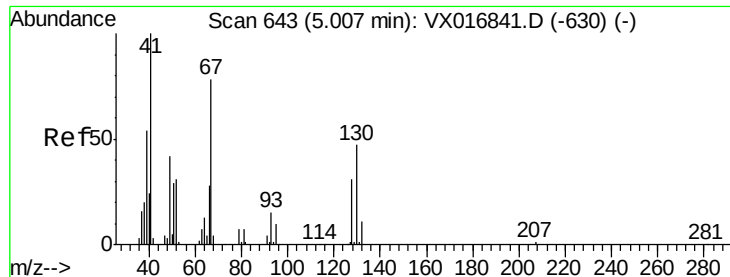
Tot Ion: 83 Resp: 18951
Ion Ratio Lower Upper
83 100
55 93.9 61.7 92.5#
98 53.1 39.0 58.6



#40
Benzene
Concen: 5.779 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion: 78 Resp: 78968
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

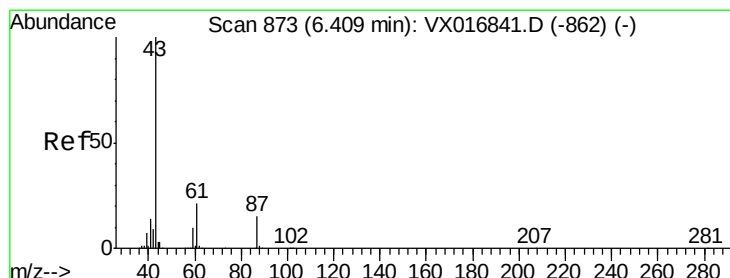
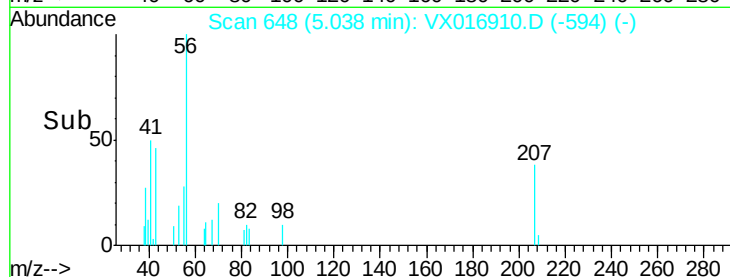
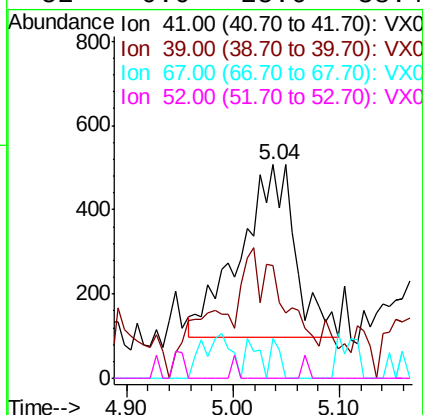
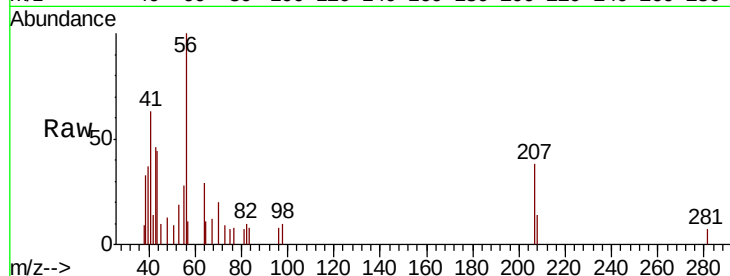




#41
Methacrylonitrile
Concen: 0.680 ug/l
RT: 5.04 min Scan# 648
Delta R.T. 0.03 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

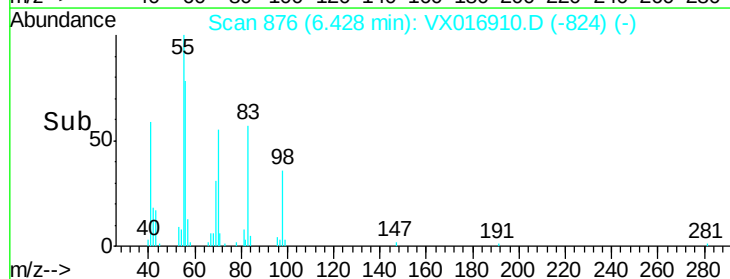
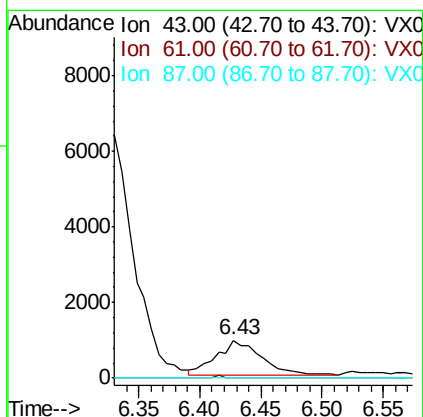
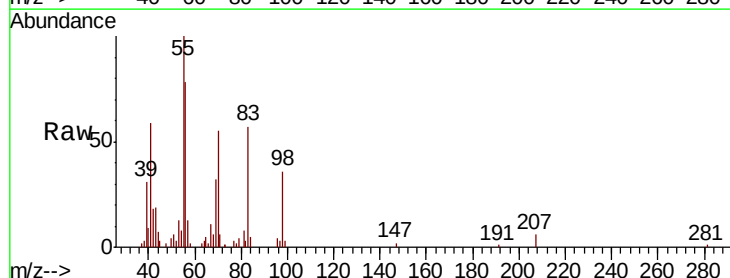
Instrument :
MSVOA_X
ClientSampleId :
TW-9

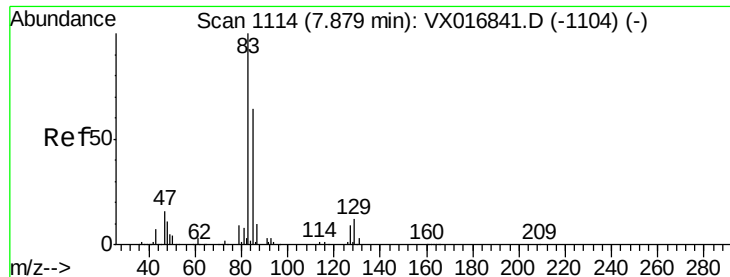
Tot Ion	Ratio	Lower	Upper
41	100		
39	12.9	42.6	64.0#
67	0.0	64.2	96.2#
52	0.0	25.6	38.4#



#43
Isopropyl Acetate
Concen: 0.331 ug/l
RT: 6.43 min Scan# 876
Delta R.T. 0.02 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.2	17.9	26.9#
87	0.0	12.4	18.6#





#47

Bromodichloromethane

Concen: 2.284 ug/l

RT: 7.92 min Scan# 1121

Delta R.T. 0.04 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampleId :

TW-9

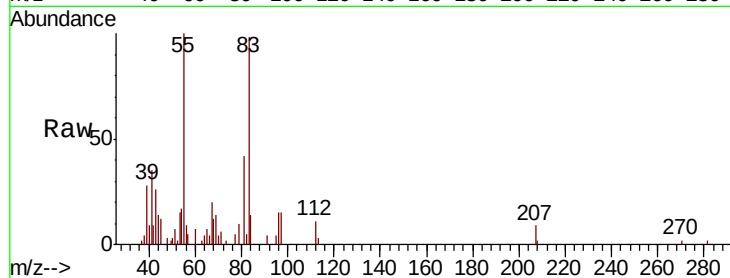
Tot Ion: 83 Resp: 11318

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

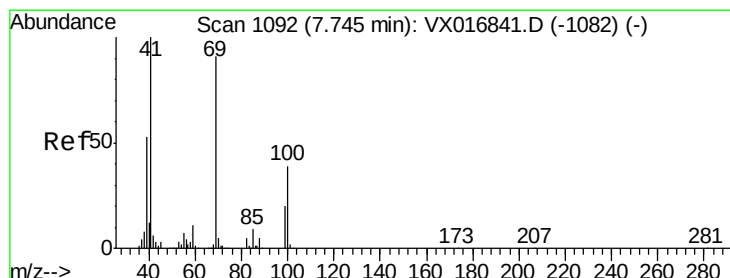
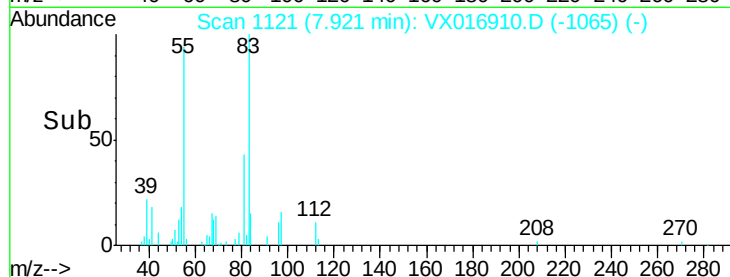
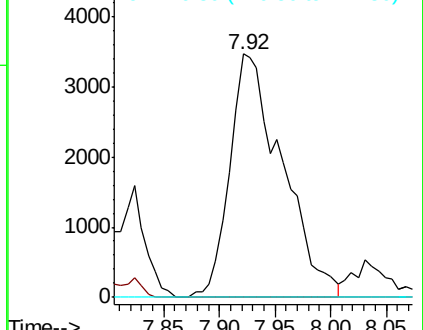
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.750 ug/l

RT: 7.76 min Scan# 1095

Delta R.T. 0.02 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

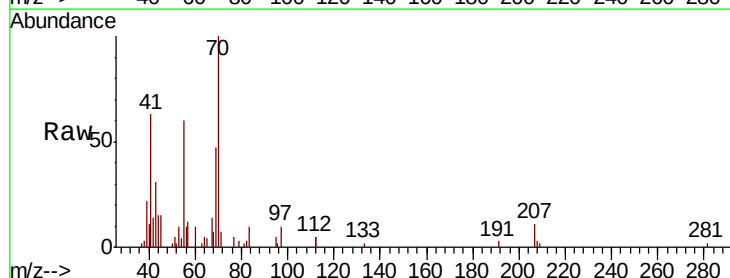
Tgt Ion: 41 Resp: 2481

Ion Ratio Lower Upper

41 100

69 124.1 73.3 109.9#

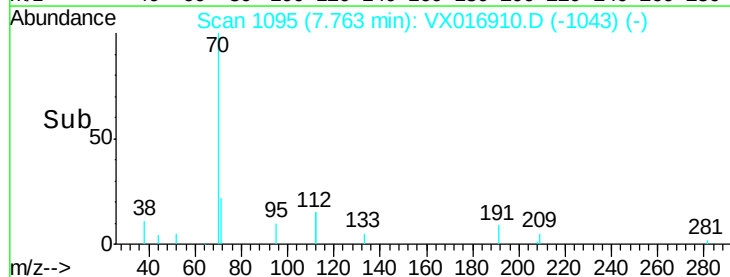
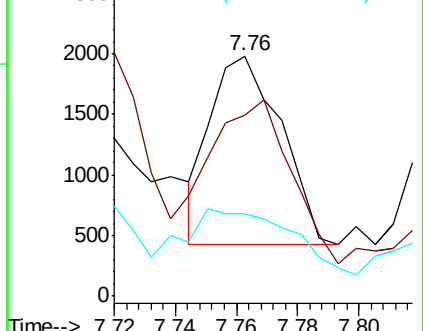
39 57.1 42.4 63.6

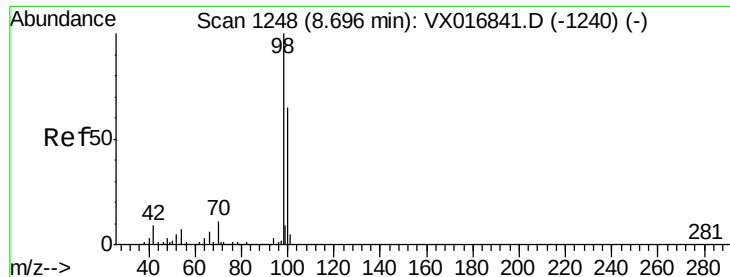


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 45.603 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

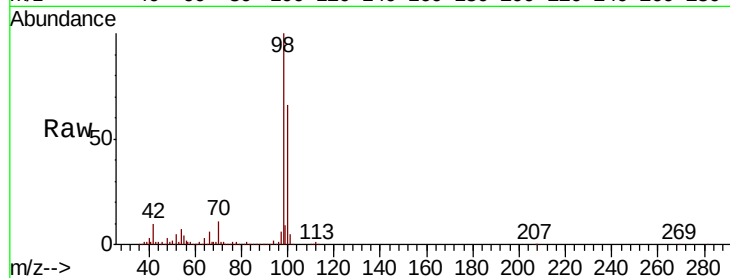
TW-9

Tot Ion: 98 Resp: 575699

Ion Ratio Lower Upper

98 100

100 66.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

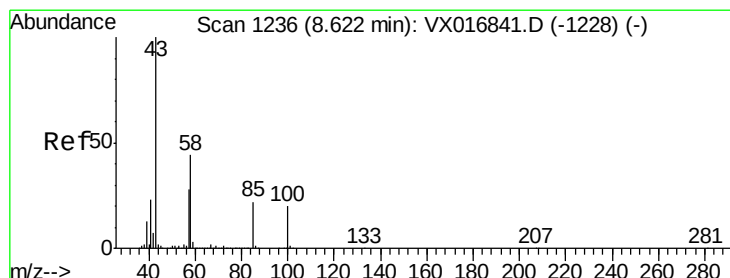
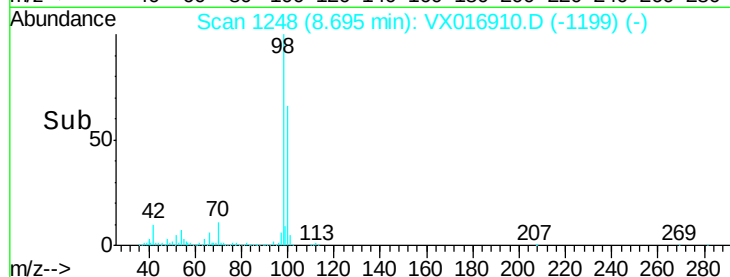
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.210 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016910.D

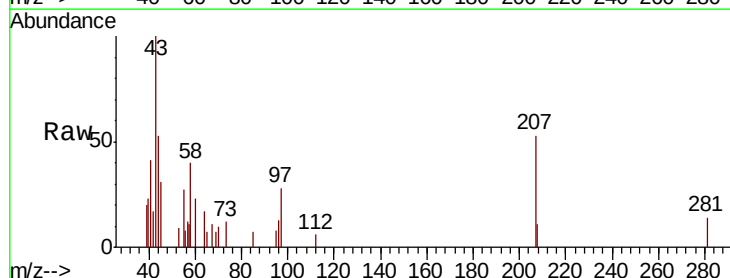
Acq: 20 Jun 2020 05:53

Tgt Ion: 43 Resp: 887

Ion Ratio Lower Upper

43 100

58 52.9 34.3 51.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

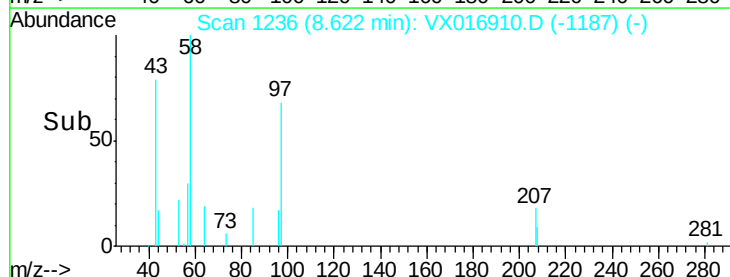
1500

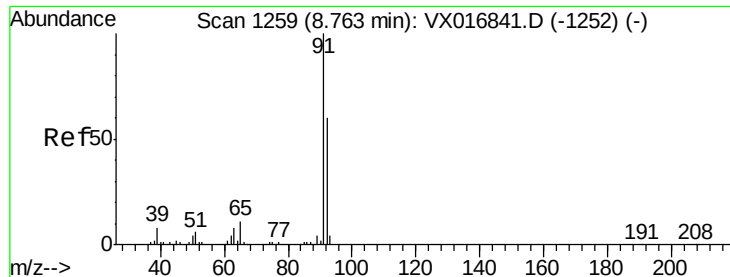
1000

500

0

Time-->





#52

Toluene

Concen: 0.479 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

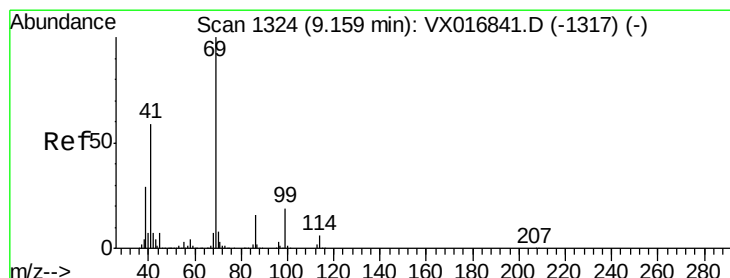
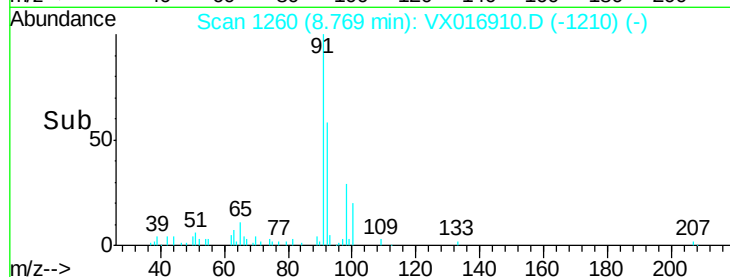
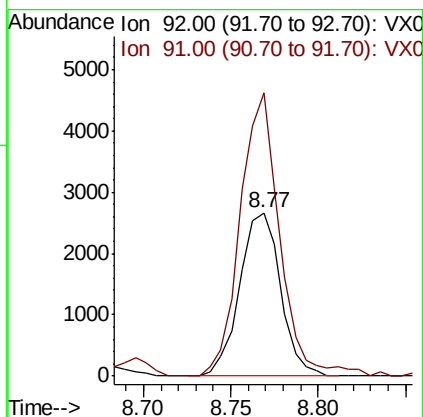
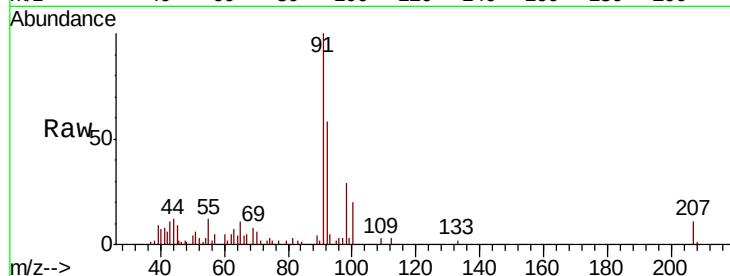
TW-9

Tot Ion: 92 Resp: 4341

Ion Ratio Lower Upper

92 100

91 167.9 134.2 201.2



#56

Ethyl methacrylate

Concen: 0.206 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

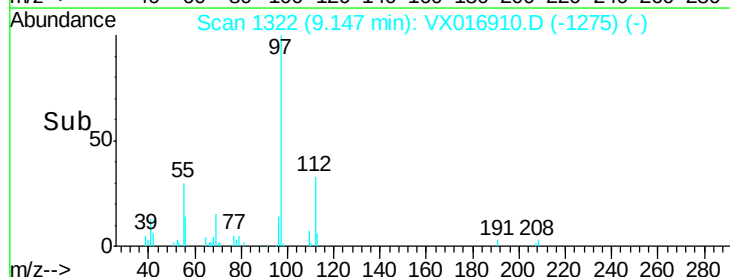
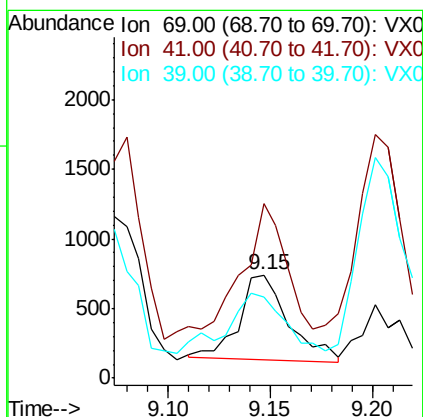
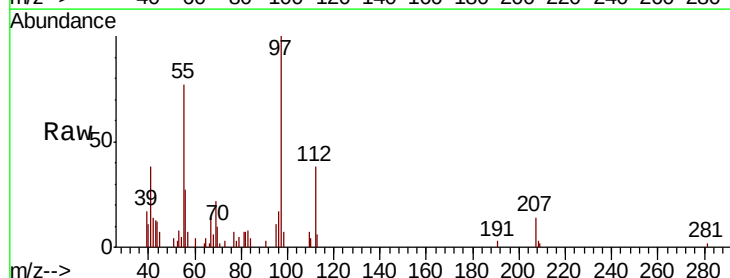
Tgt Ion: 69 Resp: 1021

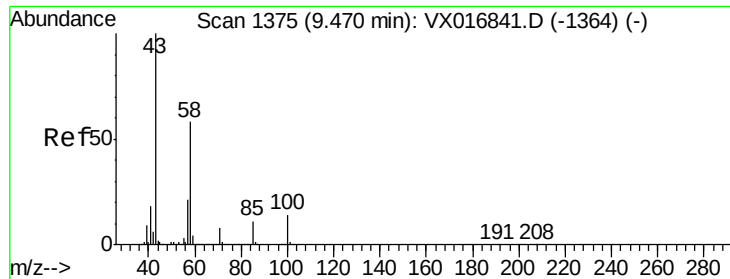
Ion Ratio Lower Upper

69 100

41 128.8 47.9 71.9#

39 82.1 24.2 36.4#





#59

2-Hexanone

Concen: 0.746 ug/l

RT: 9.29 min Scan# 1345

Delta R.T. -0.18 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampleId :

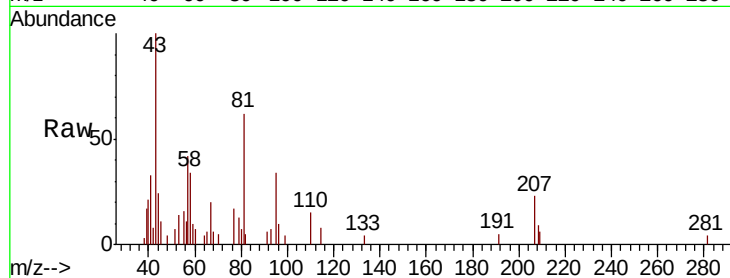
TW-9

Tot Ion: 43 Resp: 2283

Ion Ratio Lower Upper

43 100

58 36.5 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

1000

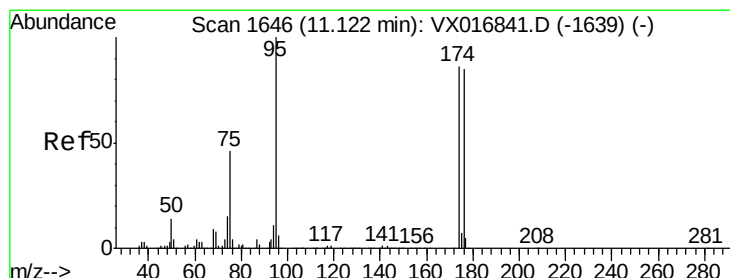
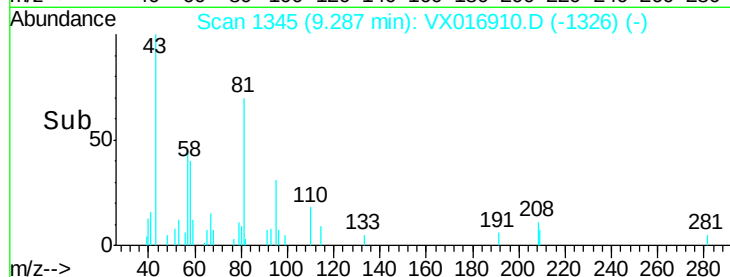
500

0

9.25

9.30

Time-->



#62

4-Bromofluorobenzene

Concen: 56.470 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

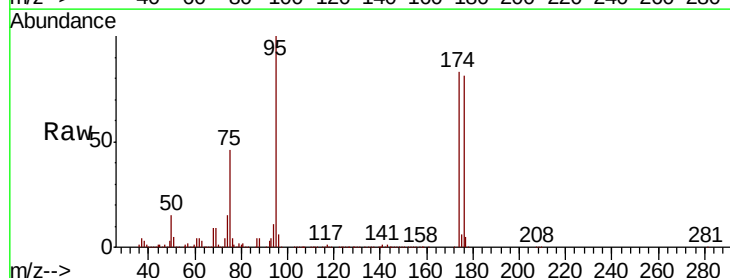
Tgt Ion: 95 Resp: 273134

Ion Ratio Lower Upper

95 100

174 83.8 0.0 174.2

176 81.3 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

100000

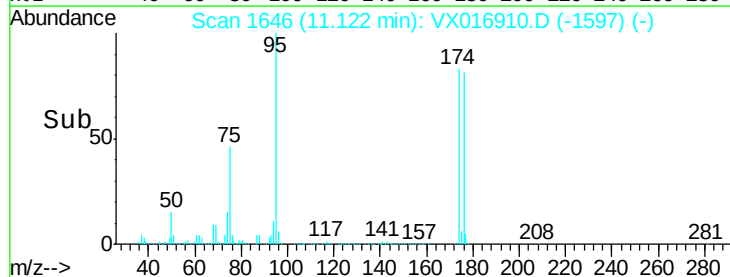
50000

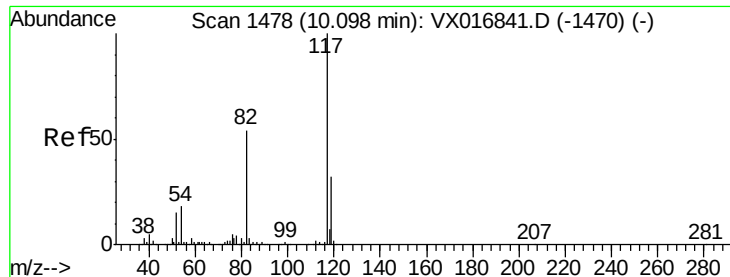
0

11.10

11.20

Time-->

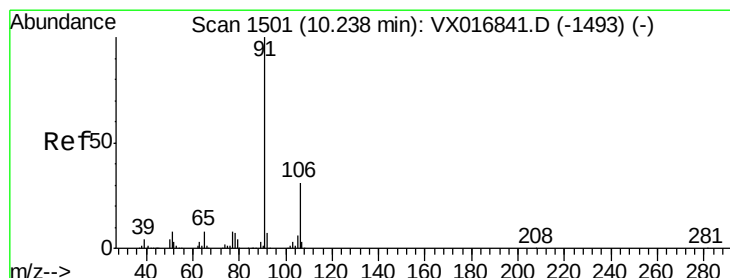
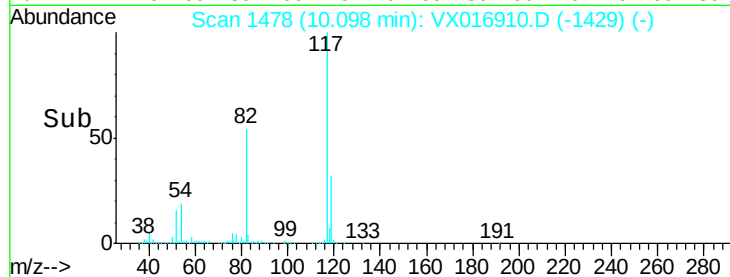
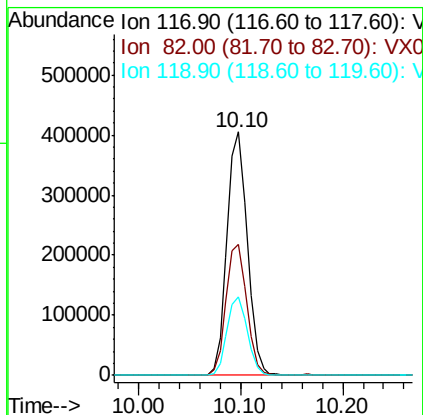
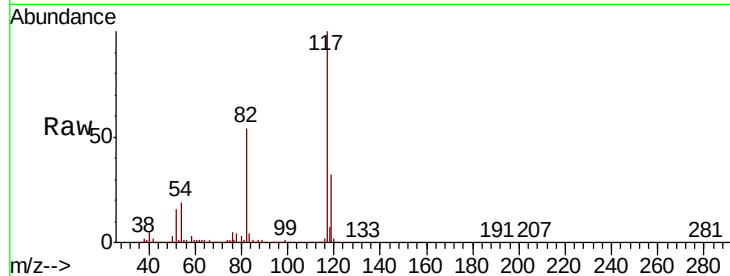




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

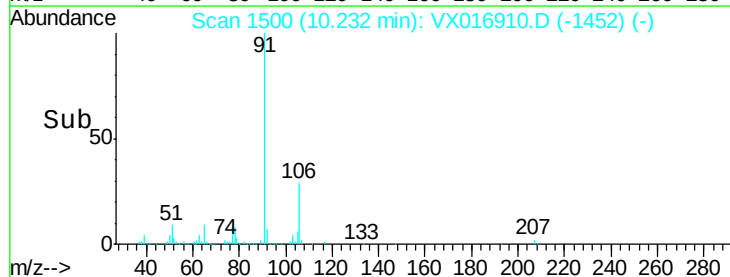
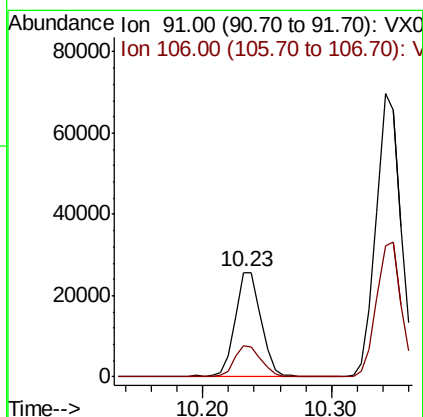
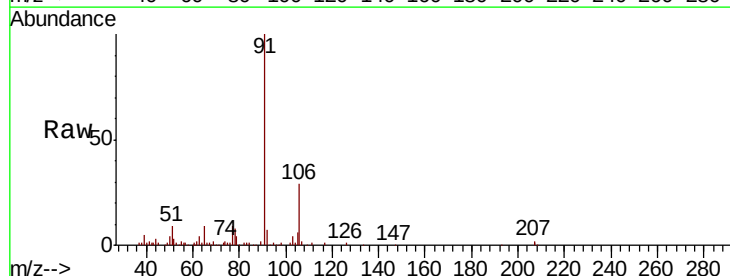
Instrument :
MSVOA_X
ClientSampled :
TW-9

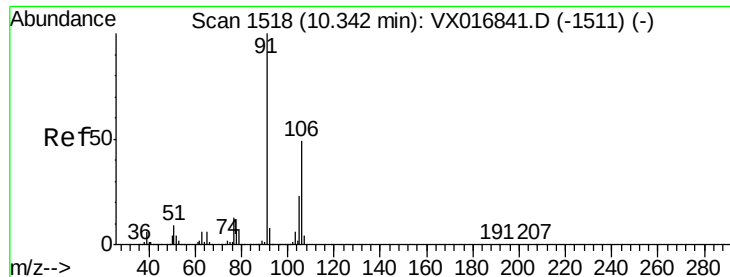
Tot Ion:117 Resp: 559394
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.4 25.7 38.5



#67
Ethyl Benzene
Concen: 1.889 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion: 91 Resp: 36098
Ion Ratio Lower Upper
91 100
106 29.5 25.1 37.7





#68

m/p-Xylenes

Concen: 5.905 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

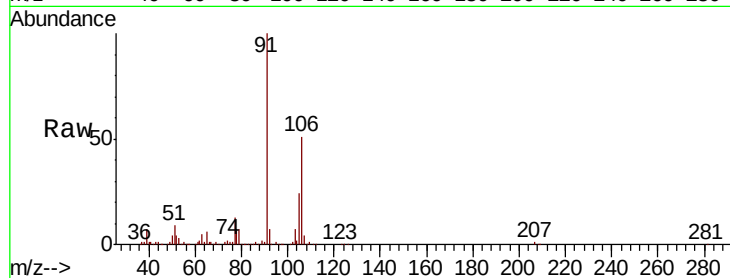
TW-9

Tot Ion:106 Resp: 43920

Ion Ratio Lower Upper

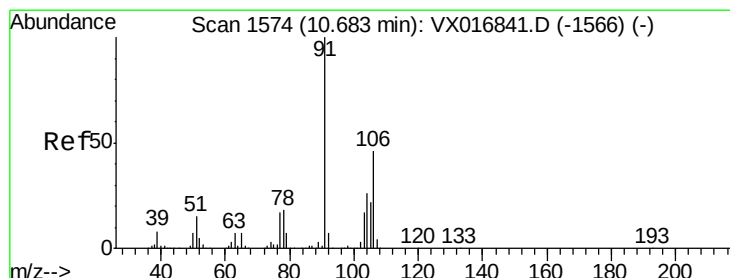
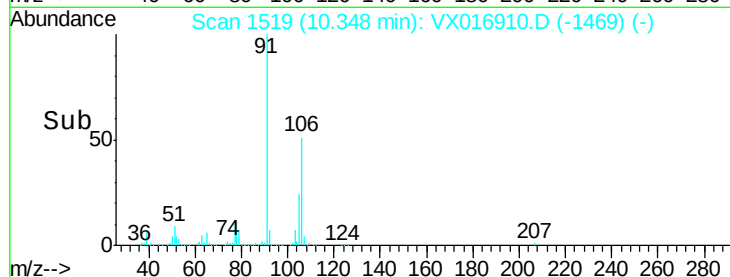
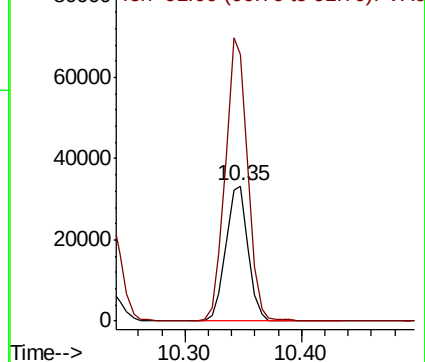
106 100

91 209.2 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.247 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016910.D

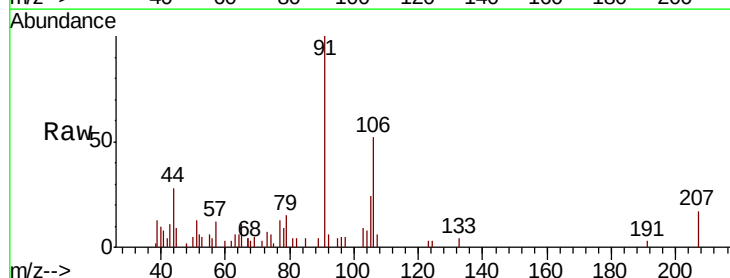
Acq: 20 Jun 2020 05:53

Tgt Ion:106 Resp: 1698

Ion Ratio Lower Upper

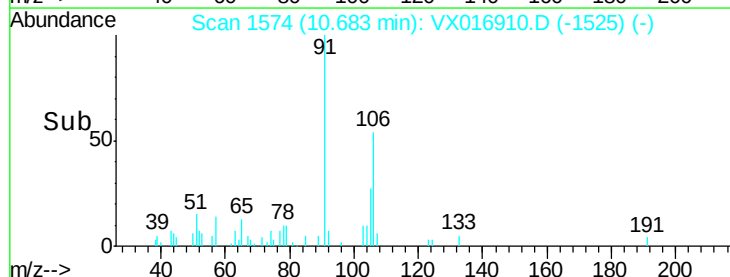
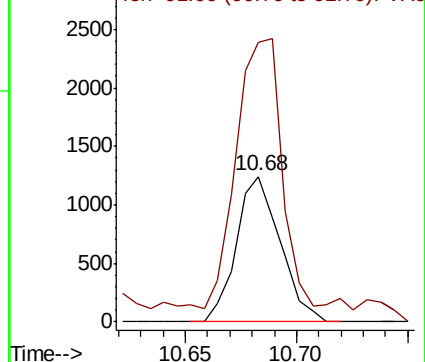
106 100

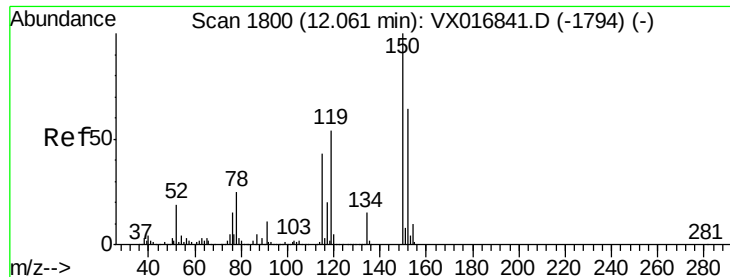
91 189.6 107.9 323.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

TW-9

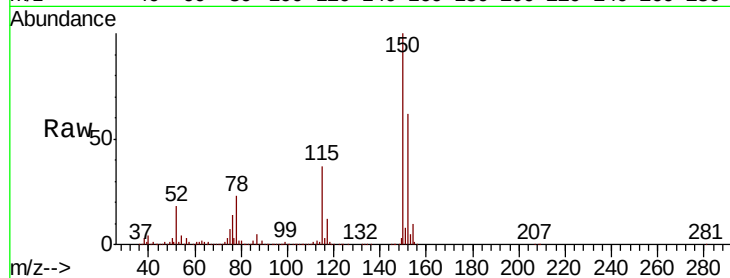
Tot Ion:152 Resp: 282755

Ion Ratio Lower Upper

152 100

115 58.4 40.9 122.8

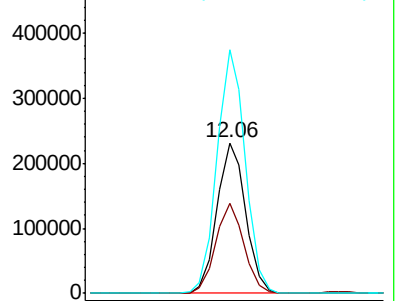
150 160.0 0.0 344.2



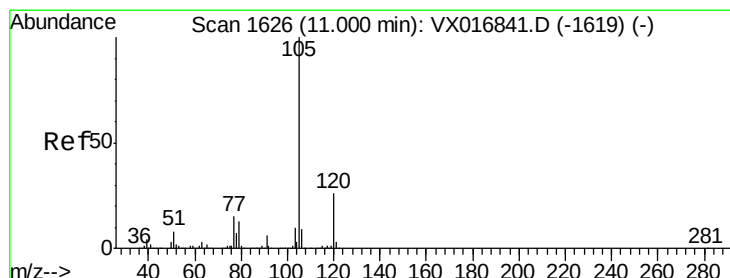
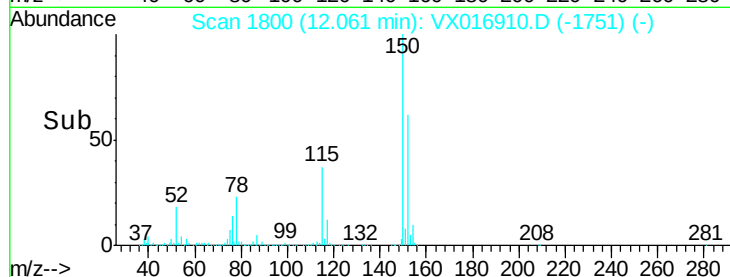
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#73

Isopropylbenzene

Concen: 12.483 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016910.D

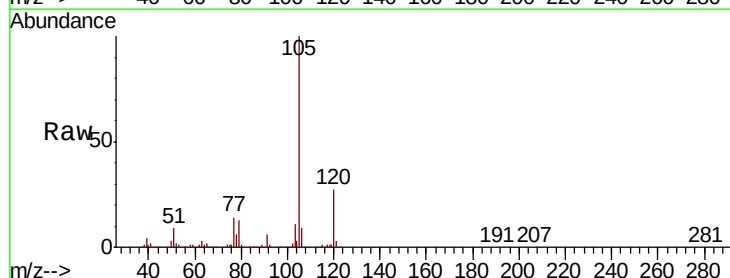
Acq: 20 Jun 2020 05:53

Tgt Ion:105 Resp: 227249

Ion Ratio Lower Upper

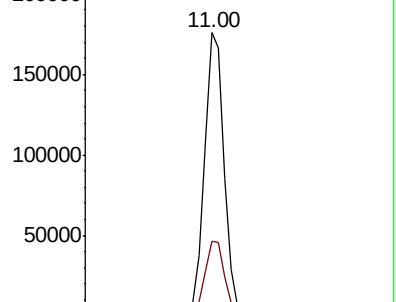
105 100

120 26.9 13.2 39.6

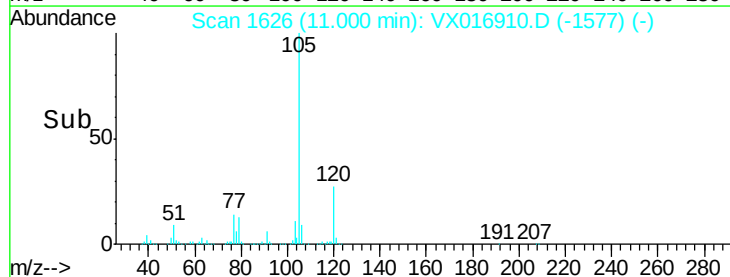


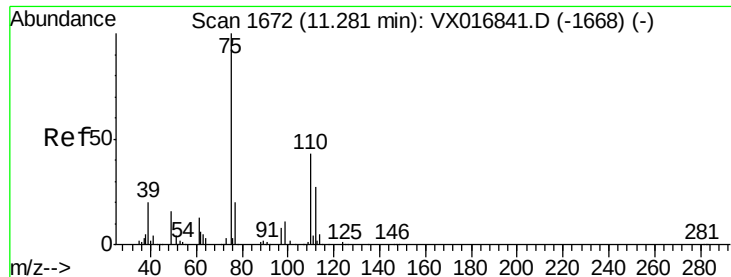
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#76

1,2,3-Trichloropropane

Concen: 25.045 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

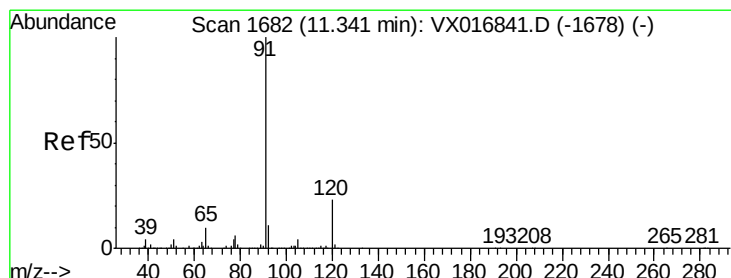
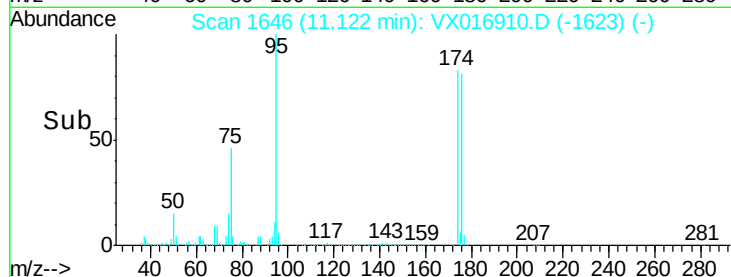
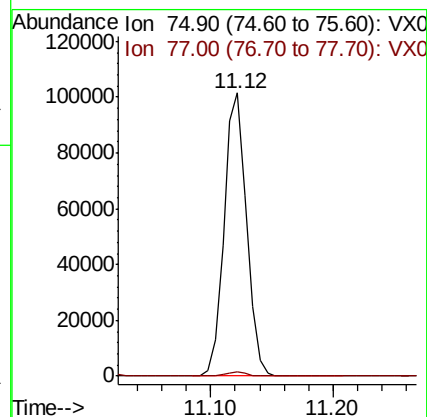
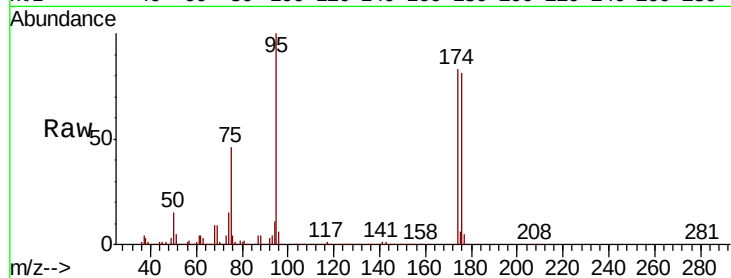
TW-9

Tot Ion: 75 Resp: 129333

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.5#



#78

n-propylbenzene

Concen: 13.215 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016910.D

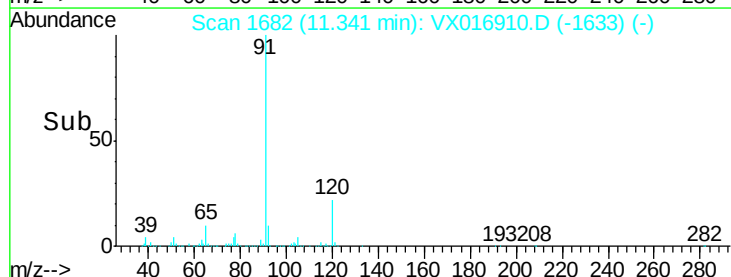
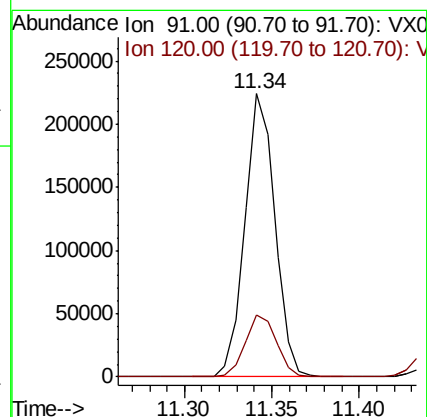
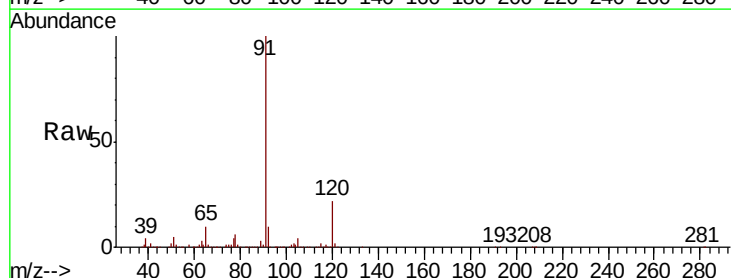
Acq: 20 Jun 2020 05:53

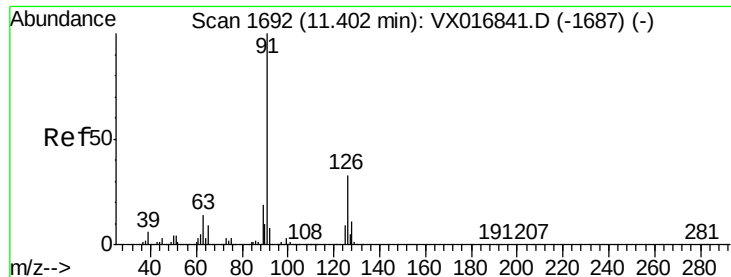
Tgt Ion: 91 Resp: 268486

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.732 ug/l

RT: 11.44 min Scan# 1698

Delta R.T. 0.04 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

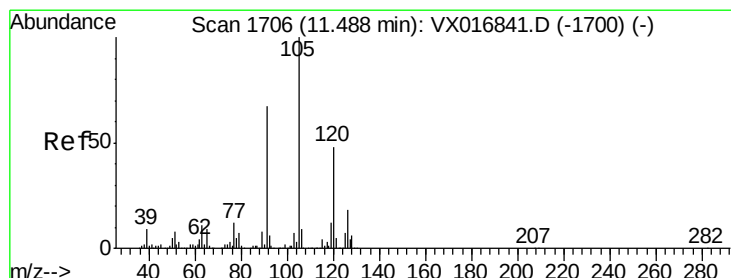
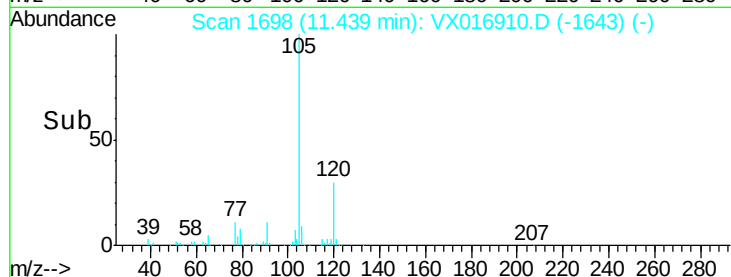
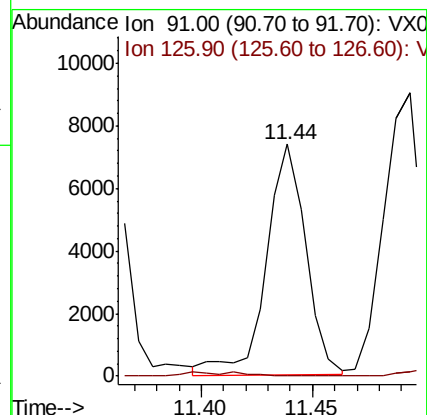
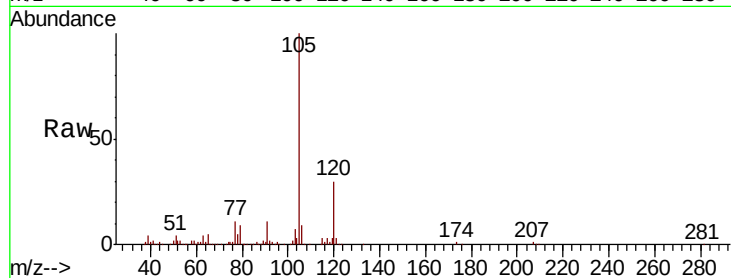
TW-9

Tot Ion: 91 Resp: 9097

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



#80

1,3,5-Trimethylbenzene

Concen: 6.691 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016910.D

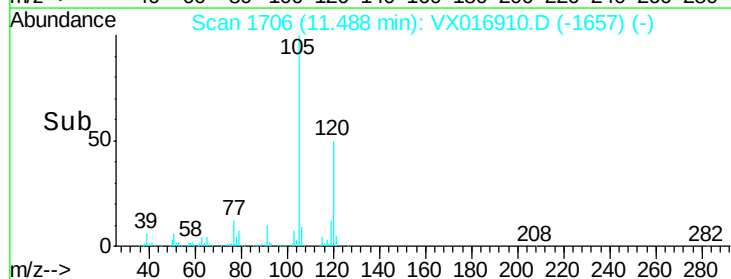
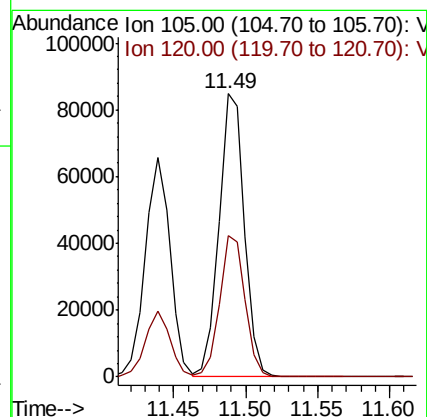
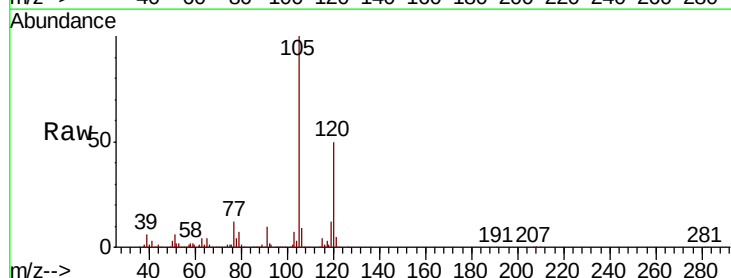
Acq: 20 Jun 2020 05:53

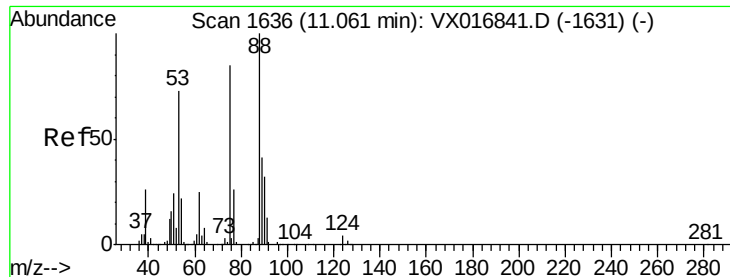
Tgt Ion: 105 Resp: 105106

Ion Ratio Lower Upper

105 100

120 50.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 61.331 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

TW-9

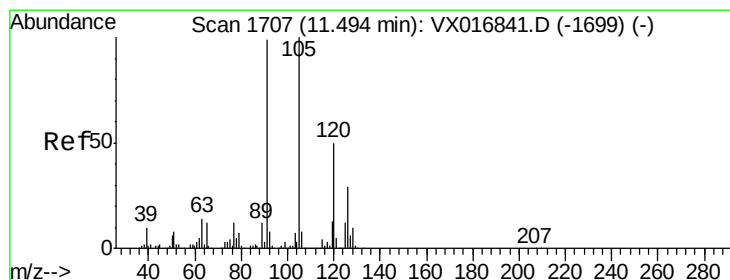
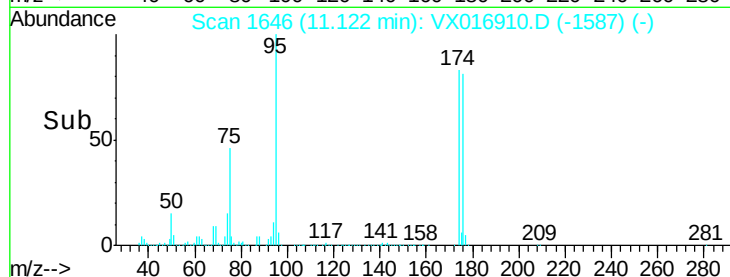
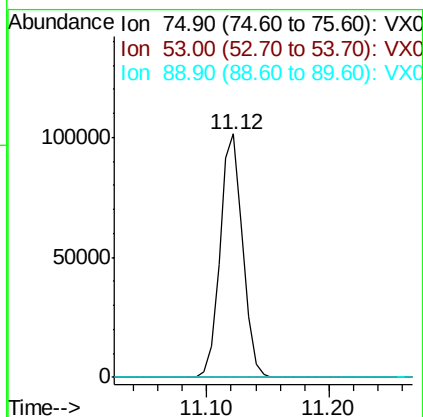
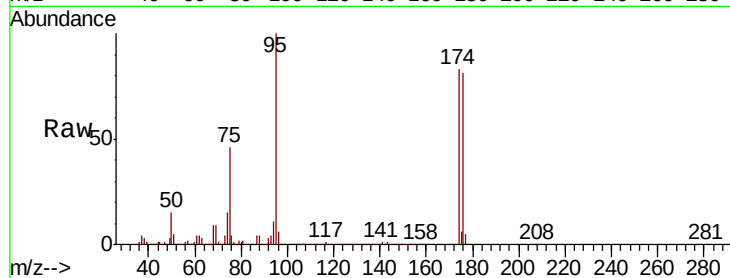
Tot Ion: 75 Resp: 129333

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.0 38.3 57.5#



#82

4-Chlorotoluene

Concen: 0.730 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016910.D

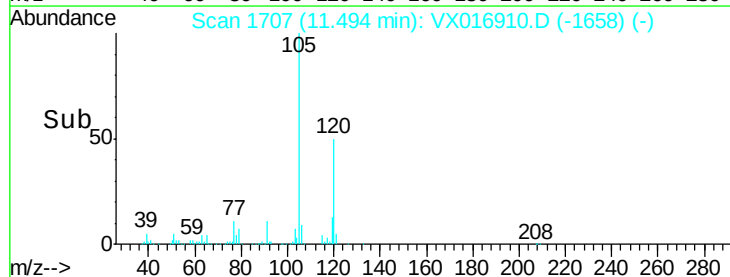
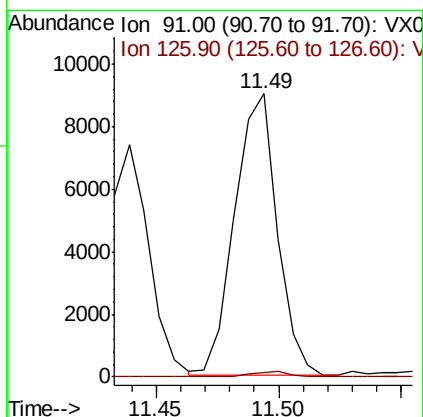
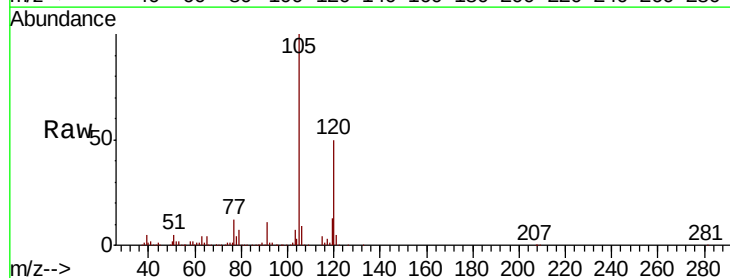
Acq: 20 Jun 2020 05:53

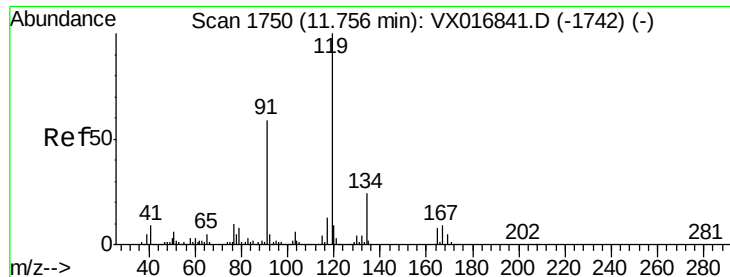
Tgt Ion: 91 Resp: 10884

Ion Ratio Lower Upper

91 100

126 1.6 15.0 45.0#

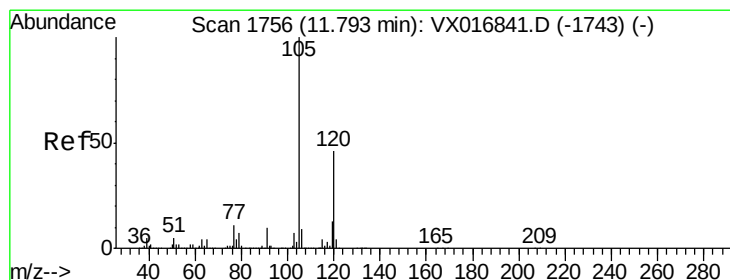
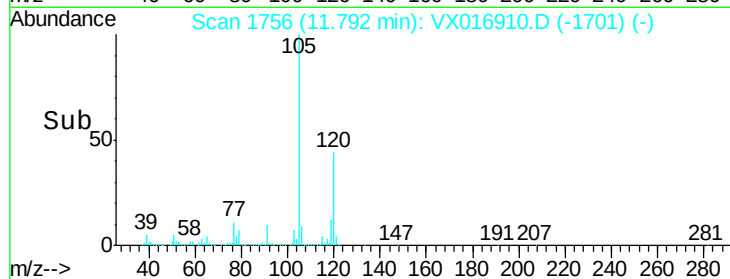
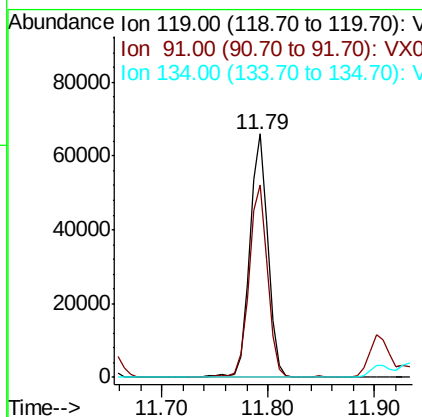
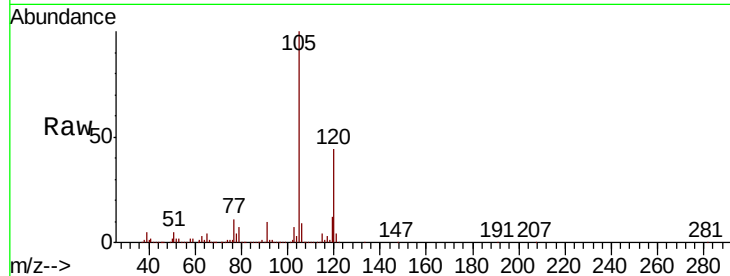




#83
 tert-Butylbenzene
 Concen: 5.096 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.04 min
 Lab File: VX016910.D
 Acq: 20 Jun 2020 05:53

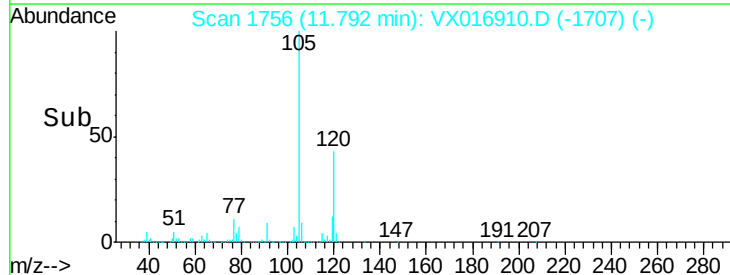
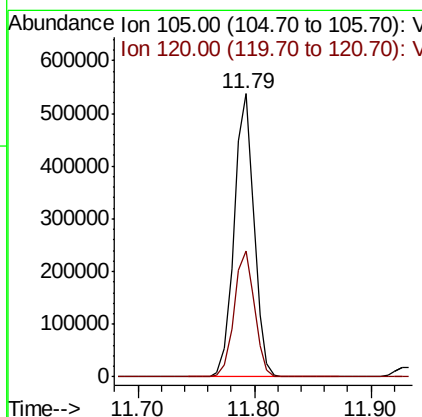
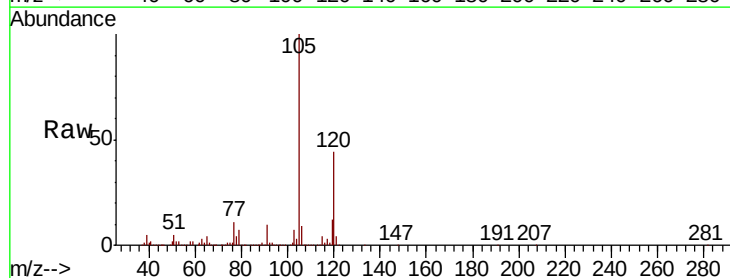
Instrument :
 MSVOA_X
 ClientSampled :
 TW-9

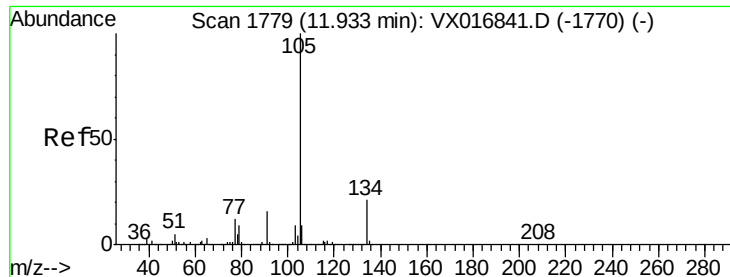
Tot Ion:119 Resp: 79205
 Ion Ratio Lower Upper
 119 100
 91 80.2 28.5 85.5
 134 0.0 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 39.406 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016910.D
 Acq: 20 Jun 2020 05:53

Tgt Ion:105 Resp: 637609
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 1.244 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

Instrument :

MSVOA_X

ClientSampled :

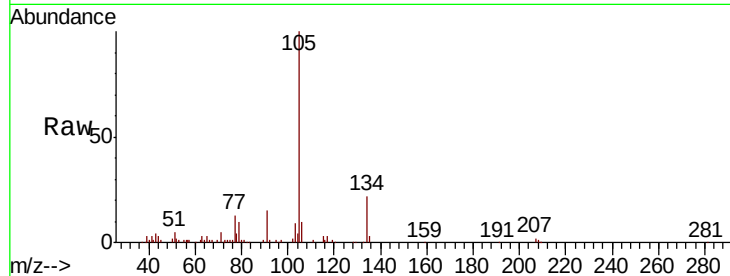
TW-9

Tot Ion:105 Resp: 22454

Ion Ratio Lower Upper

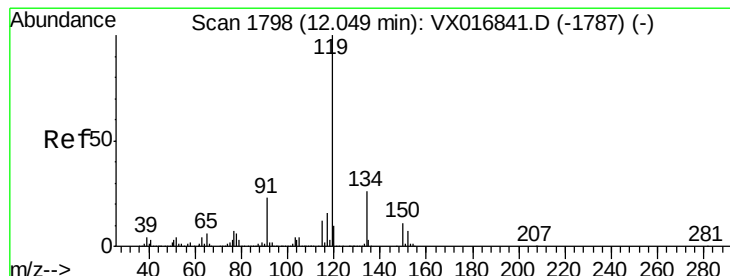
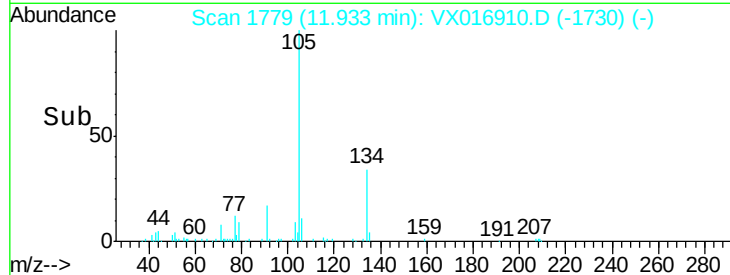
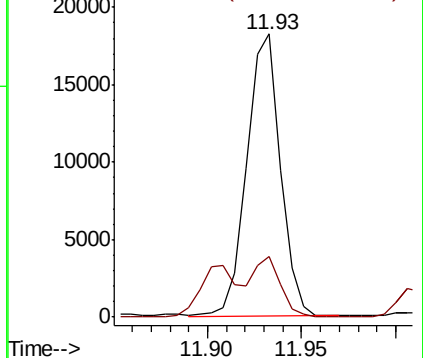
105 100

134 16.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.449 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016910.D

Acq: 20 Jun 2020 05:53

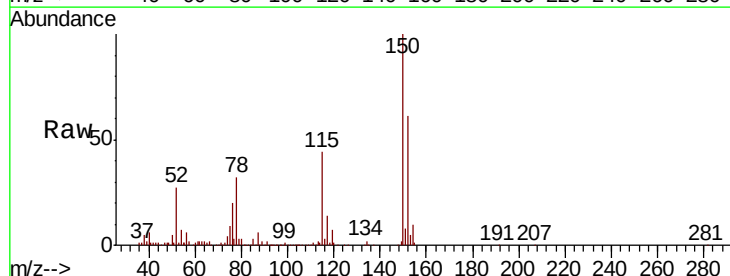
Tgt Ion:119 Resp: 7422

Ion Ratio Lower Upper

119 100

134 28.2 12.9 38.7

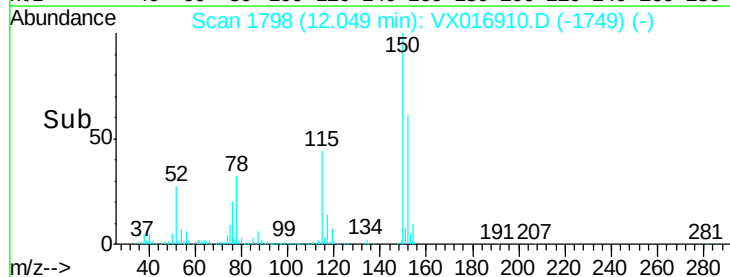
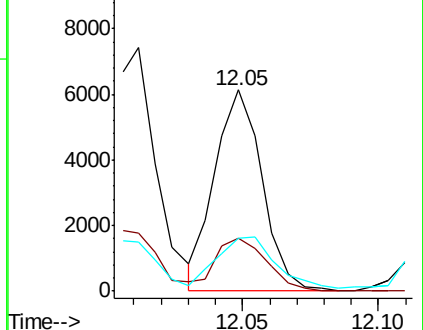
91 33.8 11.6 34.8

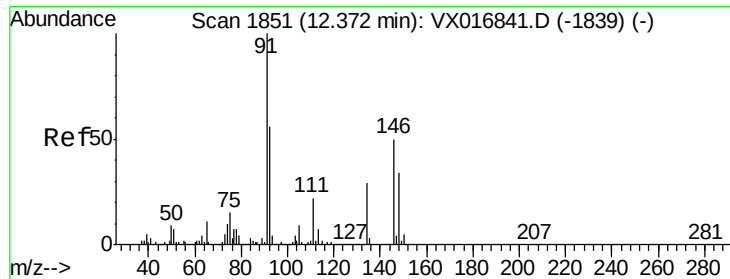


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

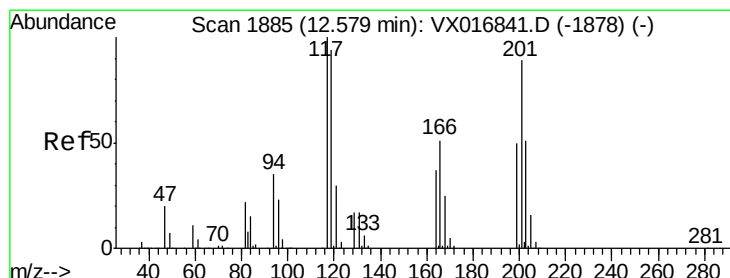
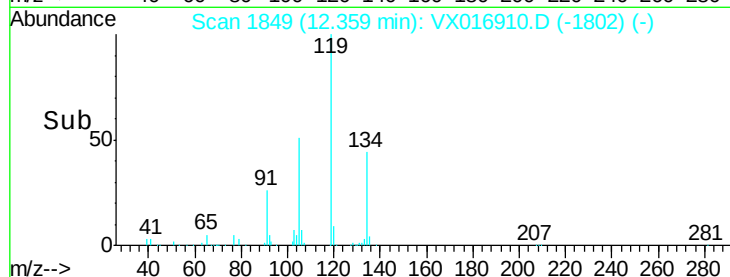
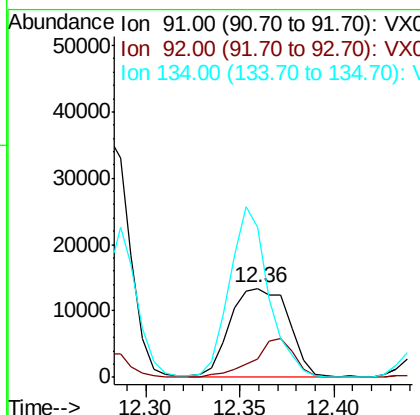
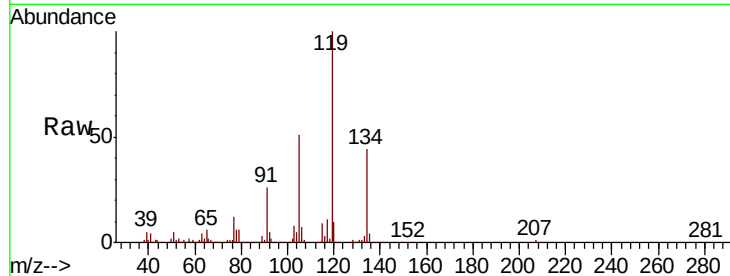




#89
n-Butylbenzene
Concen: 2.025 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

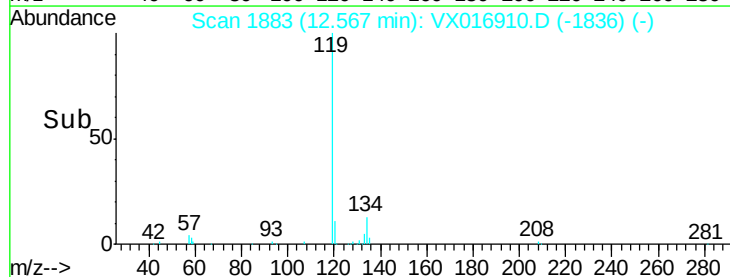
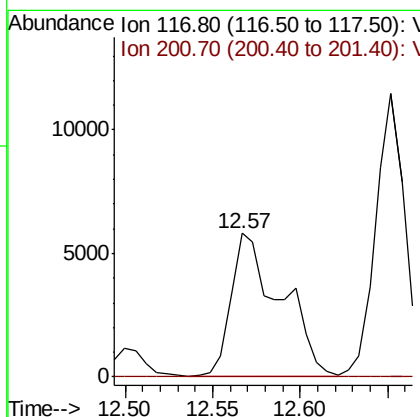
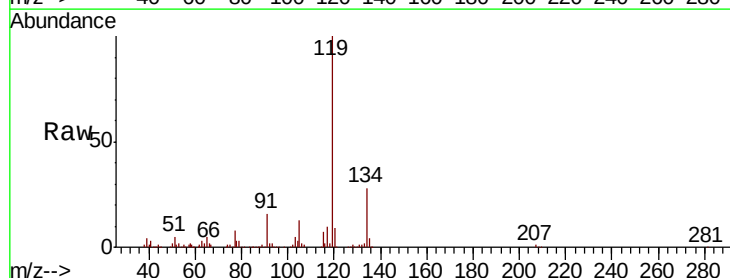
Instrument :
MSVOA_X
ClientSampled :
TW-9

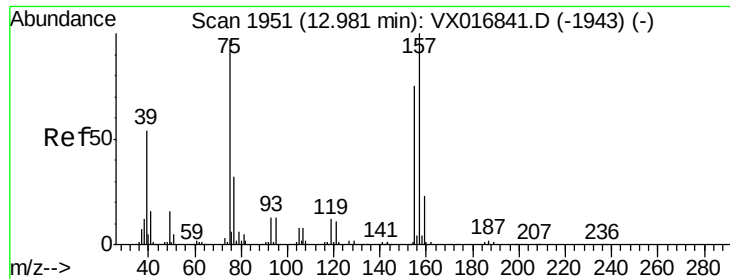
Tot Ion: 91 Resp: 28711
Ion Ratio Lower Upper
91 100
92 30.5 27.4 82.2
134 128.6 13.9 41.6#



#90
Hexachloroethane
Concen: 3.882 ug/l
RT: 12.57 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX016910.D
Acq: 20 Jun 2020 05:53

Tgt Ion: 117 Resp: 11565
Ion Ratio Lower Upper
117 100
201 0.0 44.9 134.5#

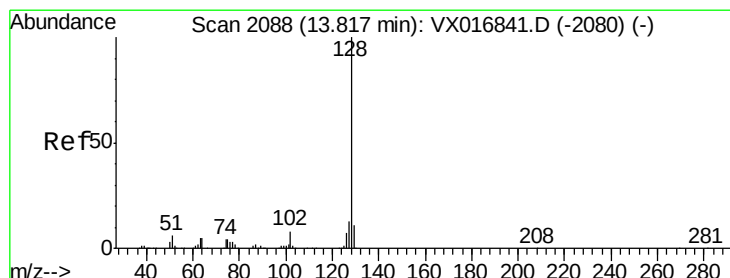
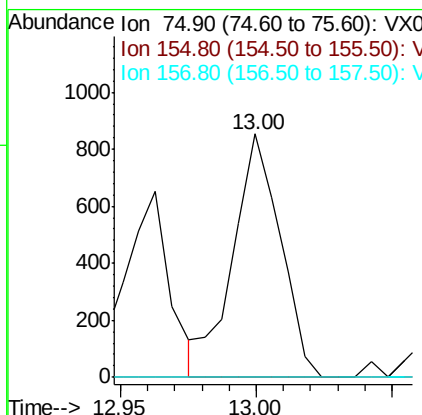
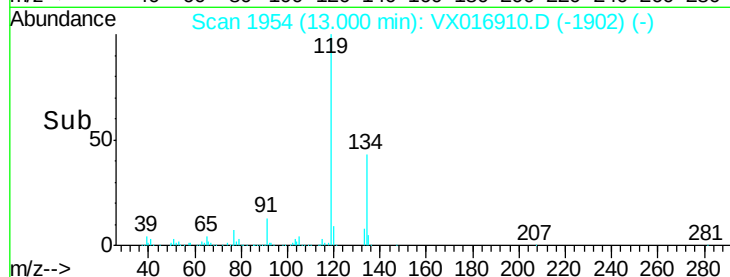
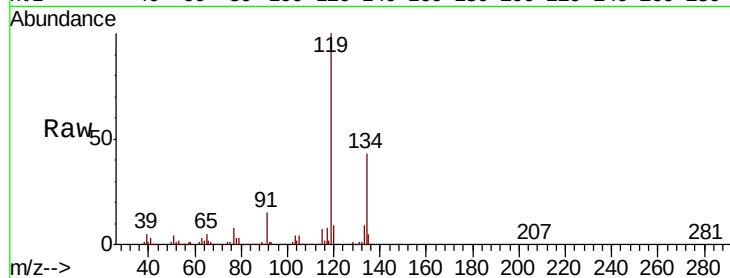




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.843 ug/l
 RT: 13.00 min Scan# 1954
 Delta R.T. 0.02 min
 Lab File: VX016910.D
 Acq: 20 Jun 2020 05:53

Instrument :
 MSVOA_X
 ClientSampled :
 TW-9

Tot Ion: 75 Resp: 1028
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.4 139.1#
 157 0.0 58.6 175.8#



#95
 Naphthalene
 Concen: 1.932 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX016910.D
 Acq: 20 Jun 2020 05:53

Tgt Ion: 128 Resp: 33349
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.4 15.6
 129 13.9 8.6 13.0#

