

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009865.D
 Acq On : 23 May 2019 17:51
 Operator : JC/SP
 Sample : K2976-16DL 250X
 Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-IR(17-20)DL

Quant Time: May 24 03:53:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116243	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119417	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	84480	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
50) Toluene-d8	8.71	98	356461	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	128730	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	445	0.203	ug/l #	81
5) Bromomethane	1.65	94	349	0.272	ug/l	87
10) Methyl Iodide	2.52	142	225	4.702	ug/l #	66
11) Tert butyl alcohol	3.02	59	5574	10.113	ug/l #	77
13) Acrolein	2.29	56	140	0.280	ug/l	85
15) Acrylonitrile	3.13	53	286	0.212	ug/l #	56
16) Acetone	2.45	43	1257	0.983	ug/l #	84
18) Methyl Acetate	2.78	43	657	0.216	ug/l #	73
26) 2,2-Dichloropropane	4.70	77	1097	0.389	ug/l #	53
28) Bromochloromethane	5.01	49	106	Below Cal	#	20
36) 1,1-Dichloropropene	5.66	75	14154	5.415	ug/l #	51
38) Carbon Tetrachloride	5.66	117	16359	6.889	ug/l #	15
39) Methylcyclohexane	7.48	83	1256	0.391	ug/l #	78
49) 1,4-Dioxane	7.52	88	22	0.375	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	813	0.405	ug/l #	23
59) 2-Hexanone	9.44	43	1794	0.600	ug/l #	35
67) Ethyl Benzene	10.26	91	1933	0.206	ug/l #	83
68) m/p-Xylenes	10.36	106	5160	1.502	ug/l	99
73) Isopropylbenzene	11.02	105	11843	1.401	ug/l	100
74) N-amyl acetate	10.91	43	13015	2.641	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	6038	1.916	ug/l #	33
76) 1,2,3-Trichloropropane	11.13	75	65694	24.363	ug/l #	34
78) n-propylbenzene	11.36	91	35701	3.698	ug/l	100
79) 2-Chlorotoluene	11.45	91	7016	1.178	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	34748	4.882	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	65694	62.337	ug/l #	11
82) 4-Chlorotoluene	11.77	91	1943	0.289	ug/l	73
83) tert-Butylbenzene	11.77	119	2149	0.310	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.80	105	186173	26.059	ug/l	100
85) sec-Butylbenzene	11.94	105	19749	2.406	ug/l	100
86) p-Isopropyltoluene	12.06	119	20018	2.713	ug/l	97
89) n-Butylbenzene	12.38	91	22524	3.377	ug/l #	52
90) Hexachloroethane	12.61	117	2096	1.667	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	222	0.314	ug/l #	2

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

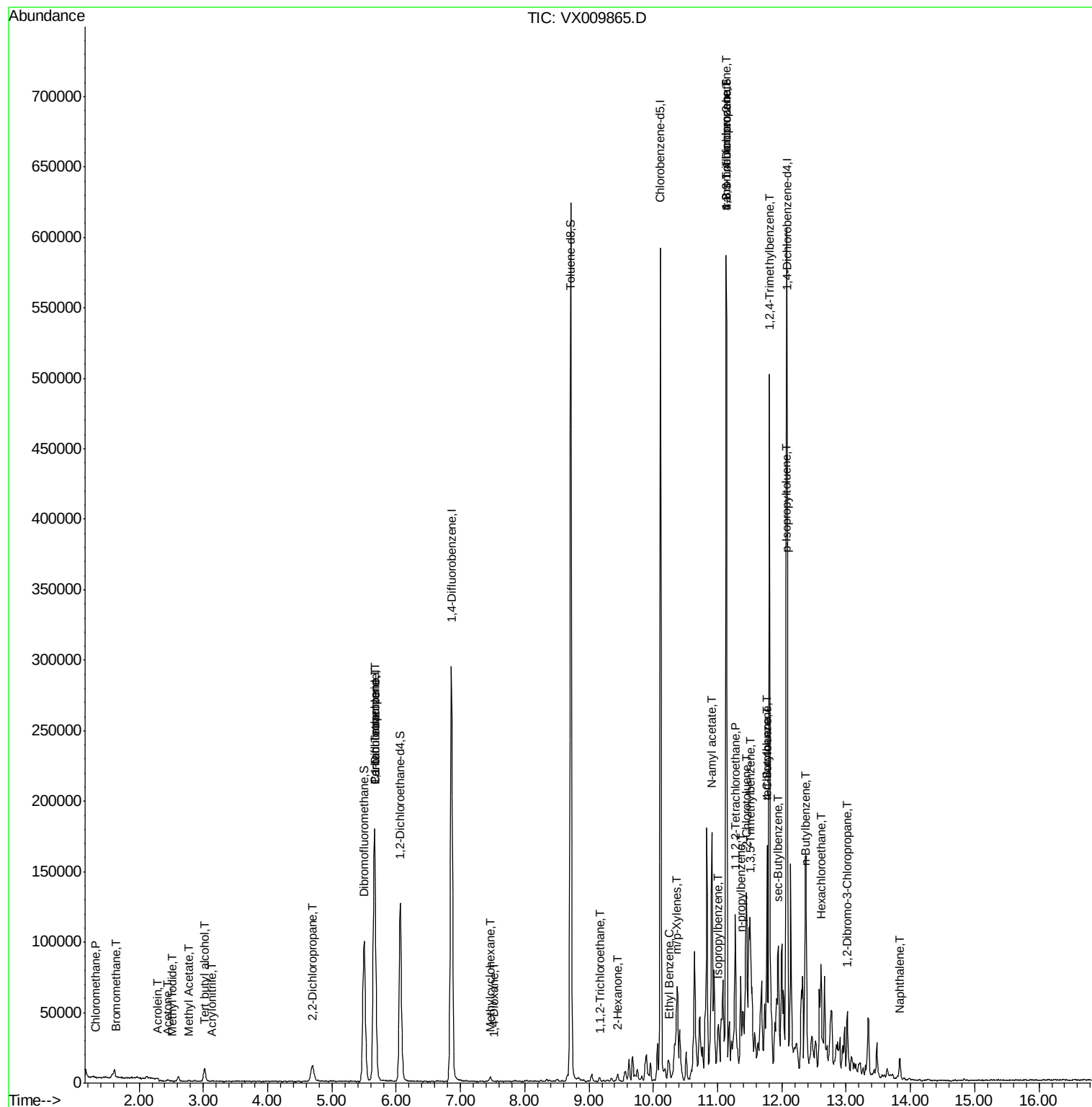
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	9431	1.113	ug/l	97

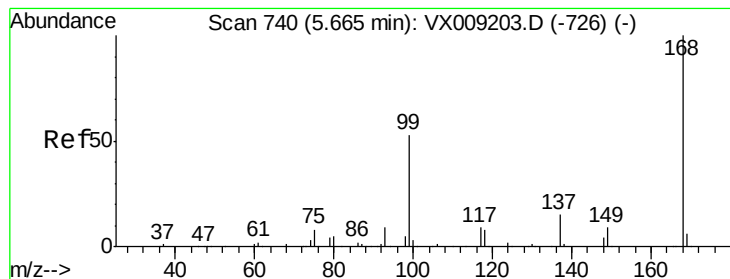
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

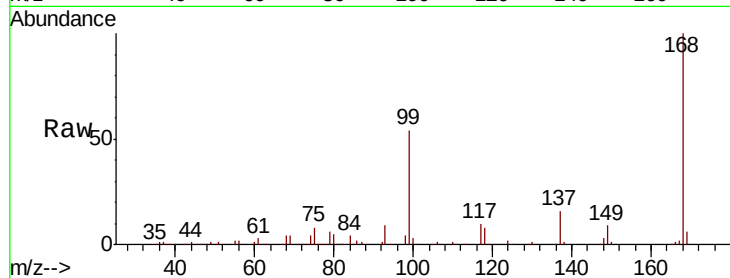
EP1-SB-MW-IR(17-20)DL

Tot Ion:168 Resp: 174425

Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

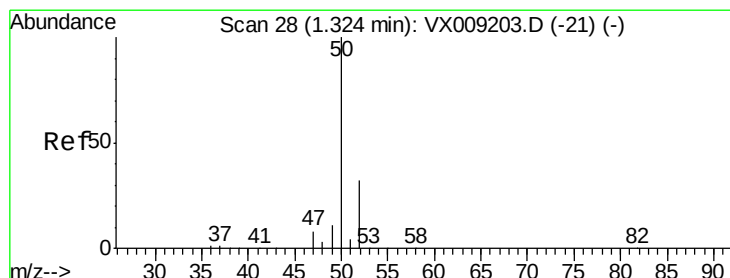
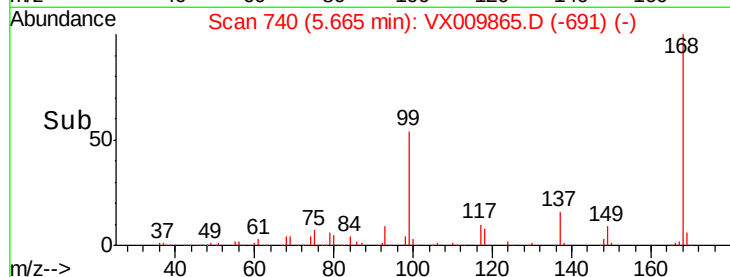
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.203 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009865.D

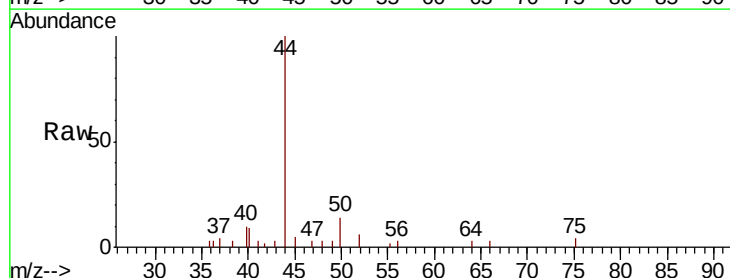
Acq: 23 May 2019 17:51

Tgt Ion: 50 Resp: 445

Ion Ratio Lower Upper

50 100

52 42.9 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

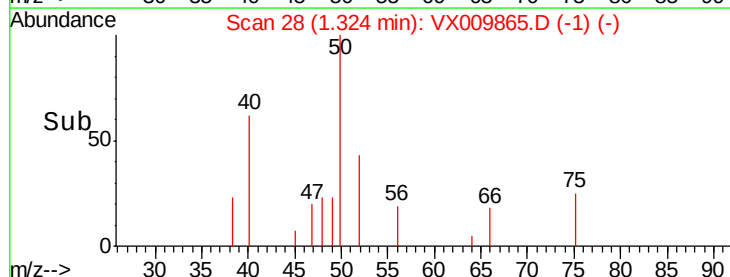
300

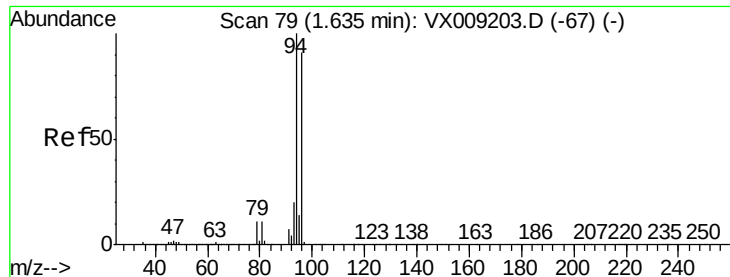
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.272 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

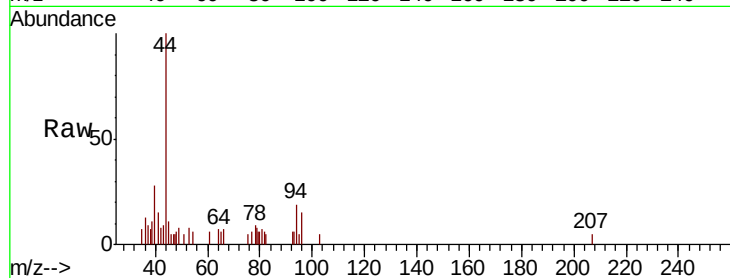
EP1-SB-MW-IR(17-20)DL

Tot Ion: 94 Resp: 349

Ion Ratio Lower Upper

94 100

96 79.0 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

100

50

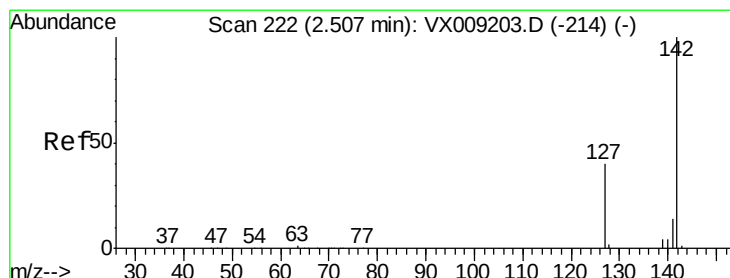
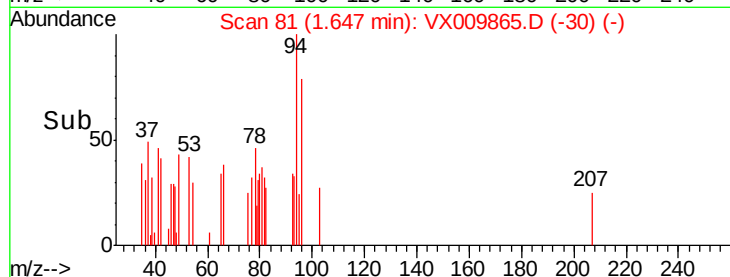
0

1.60

1.65

1.70

Time-->



#10

Methyl Iodide

Concen: 4.702 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

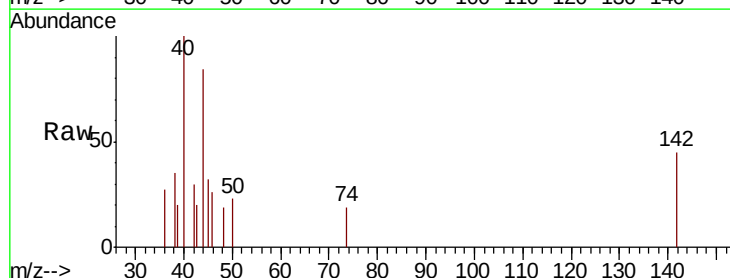
Tgt Ion: 142 Resp: 225

Ion Ratio Lower Upper

142 100

127 19.6 32.7 49.1#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

150

100

50

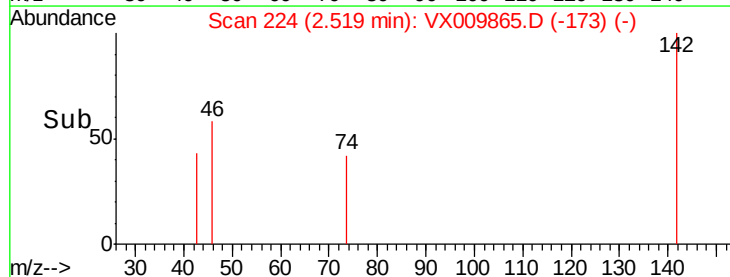
0

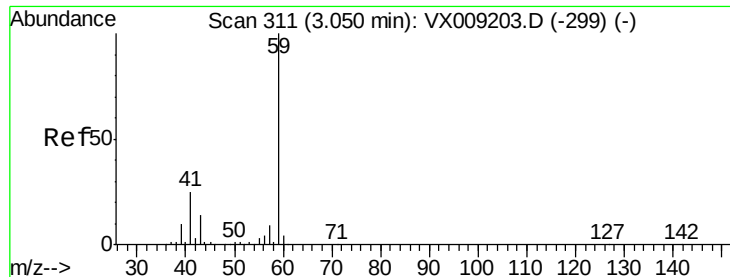
2.50

2.52

2.55

Time-->

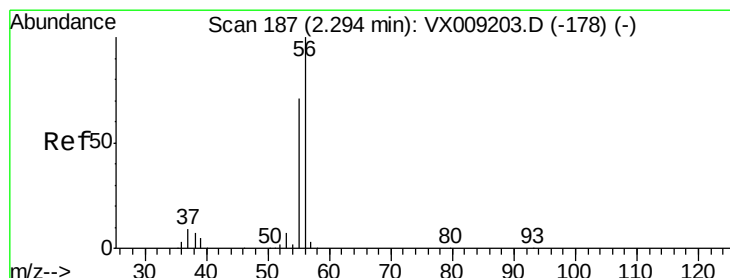
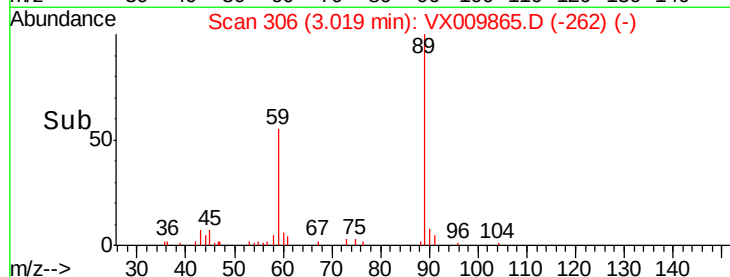
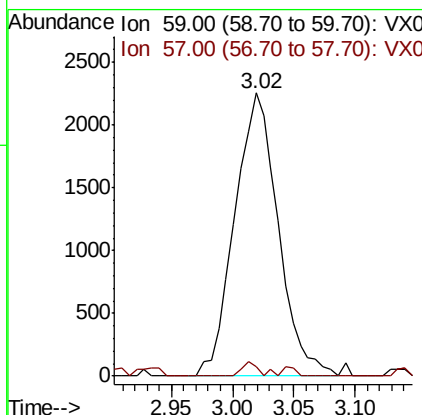
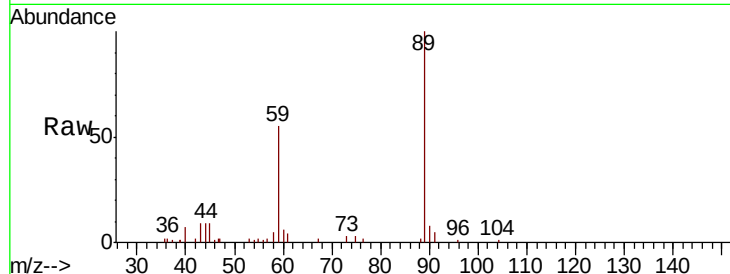




#11
Tert butyl alcohol
Concen: 10.113 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

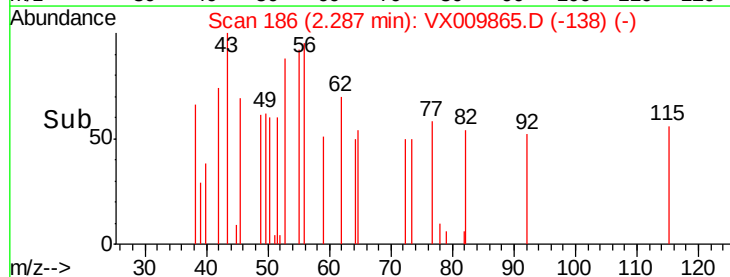
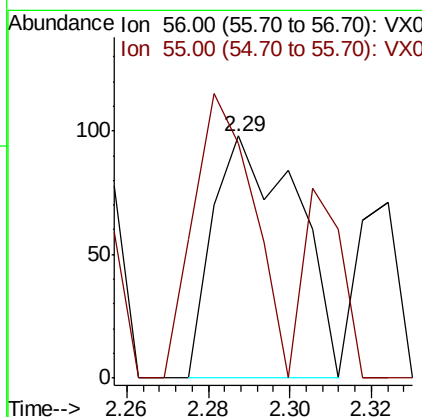
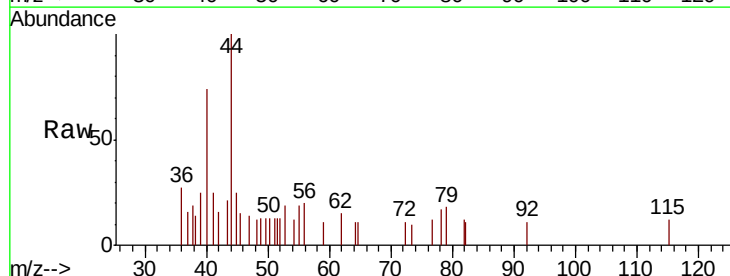
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)DL

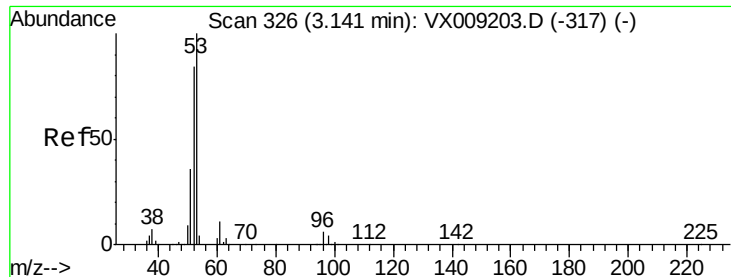
Tot Ion: 59 Resp: 5574
Ion Ratio Lower Upper
59 100
57 1.6 8.2 12.2#



#13
Acrolein
Concen: 0.280 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 83.6 56.6 85.0





#15

Acrylonitrile

Concen: 0.212 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-IR(17-20)DL

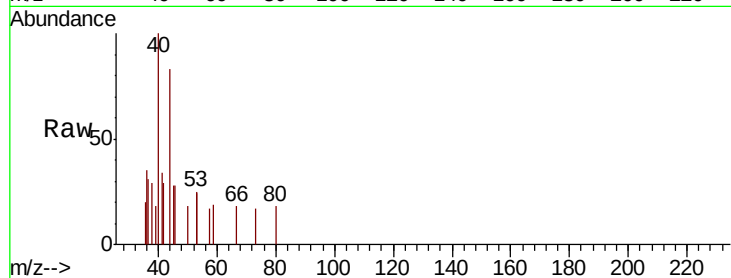
Tot Ion: 53 Resp: 286

Ion Ratio Lower Upper

53 100

52 30.4 66.9 100.3#

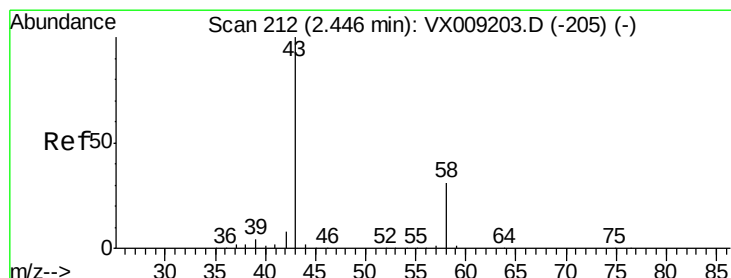
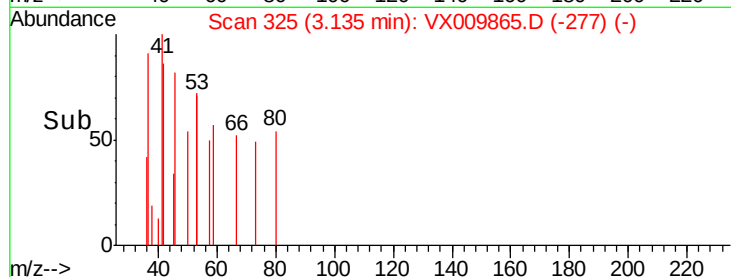
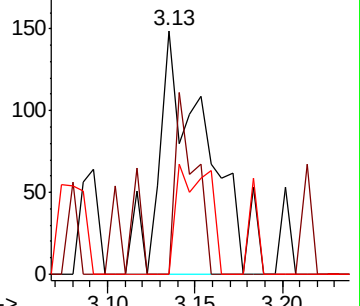
51 30.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.983 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009865.D

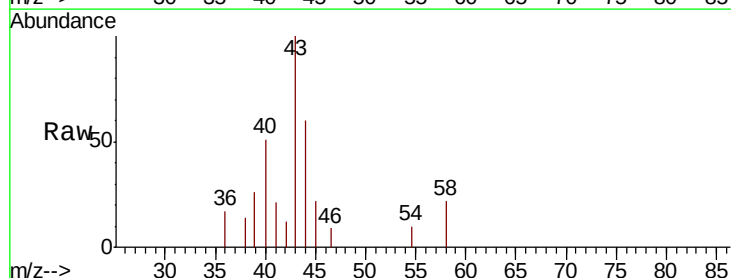
Acq: 23 May 2019 17:51

Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

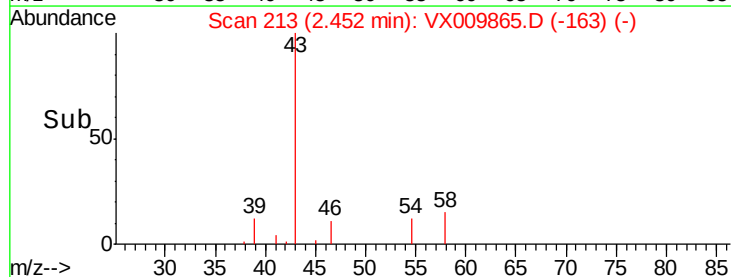
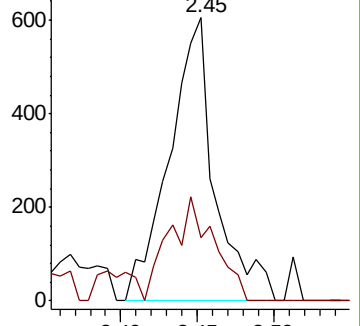
43 100

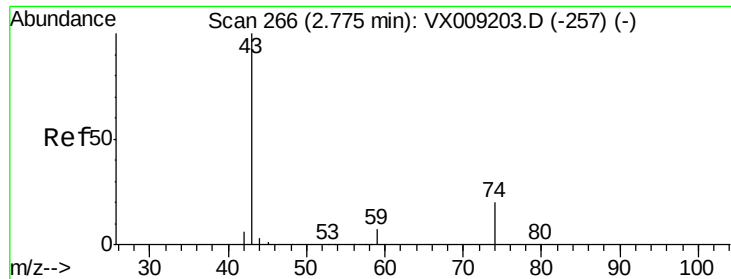
58 22.1 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

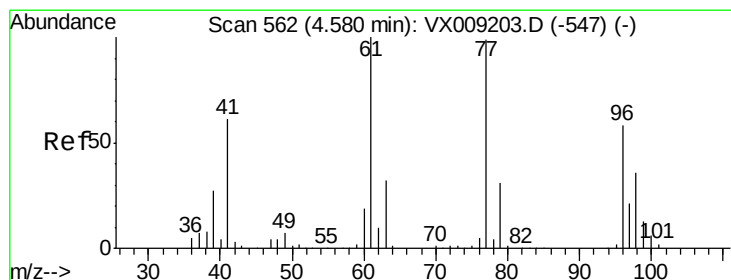
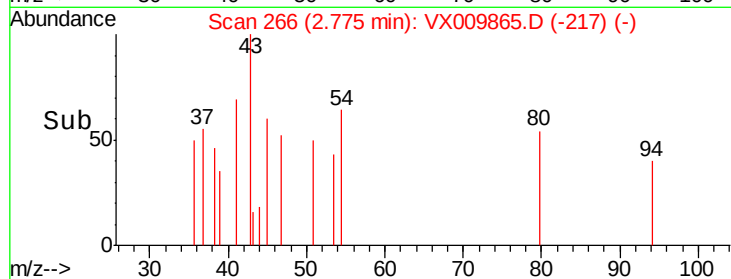
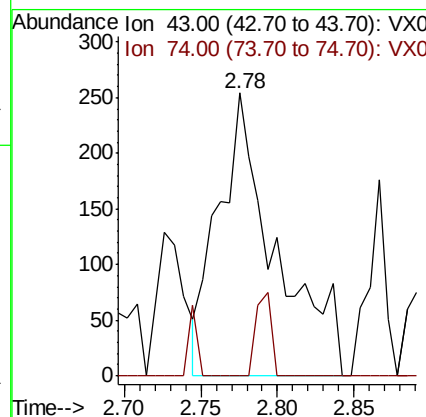
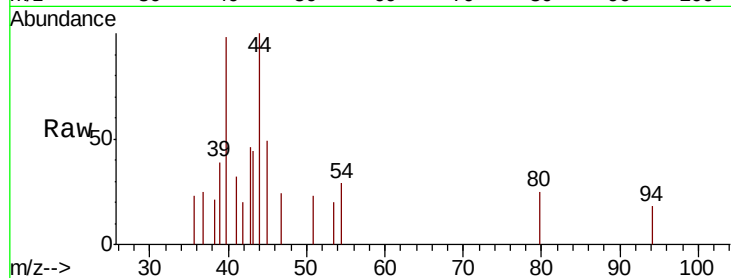




#18
Methvl Acetate
Concen: 0.216 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

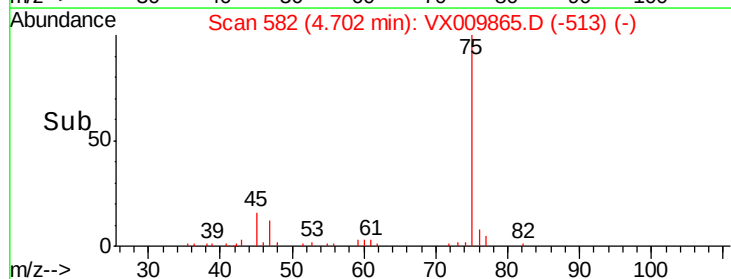
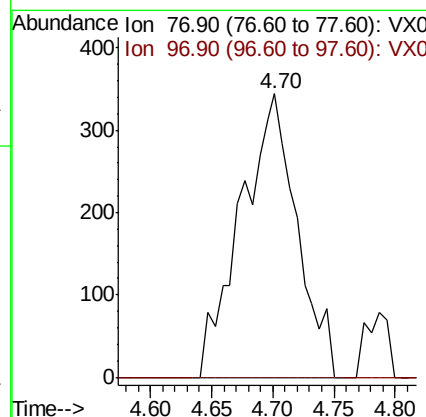
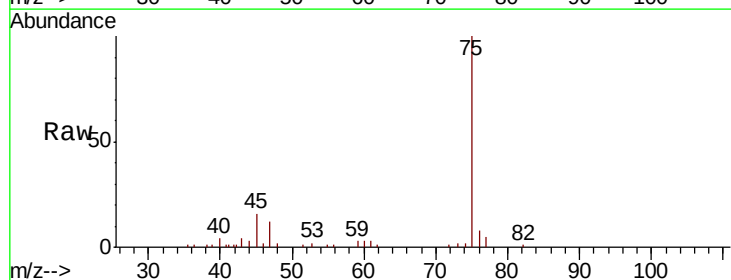
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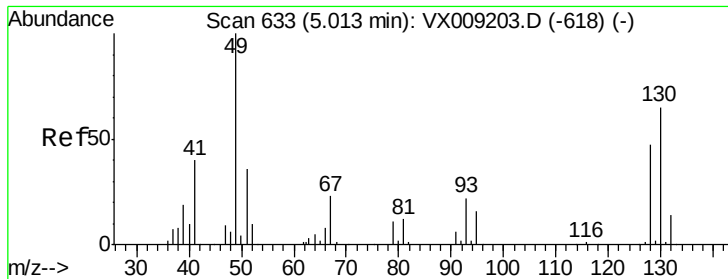
Tot Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
74 7.6 16.2 24.4#



#26
2,2-Dichloropropane
Concen: 0.389 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.12 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Tgt Ion: 77 Resp: 1097
Ion Ratio Lower Upper
77 100
97 0.0 11.5 34.4#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-IR(17-20)DL

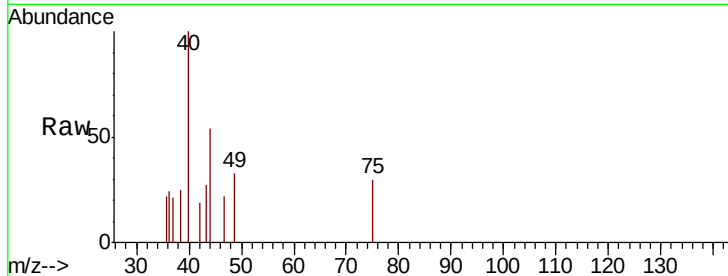
Tot Ion: 49 Resp: 106

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

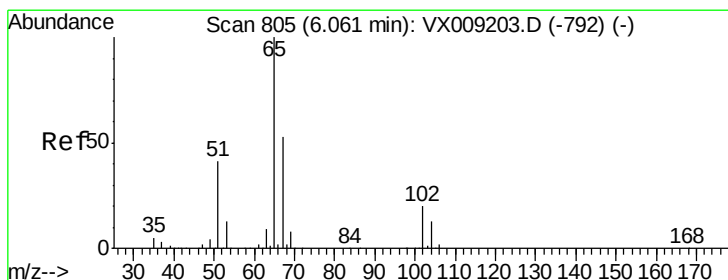
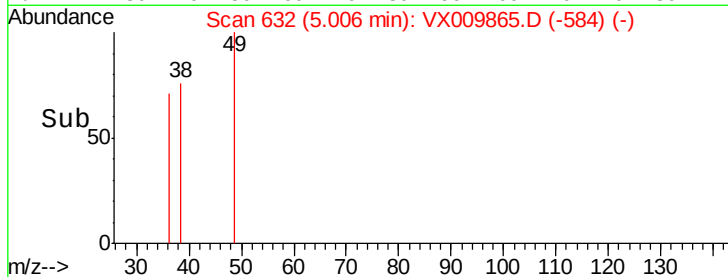
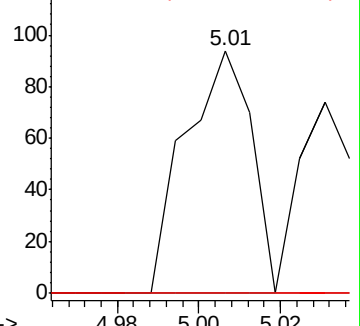
130 0.0 51.2 76.8#



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



#33

1,2-Dichloroethane-d4

Concen: 50.152 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009865.D

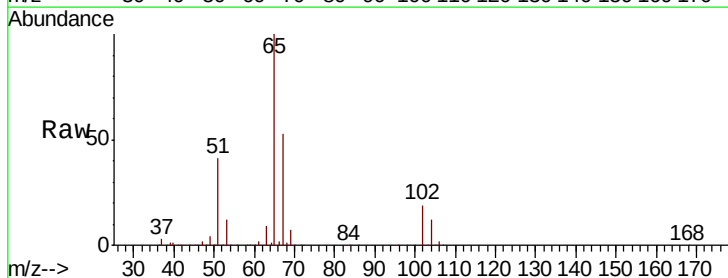
Acq: 23 May 2019 17:51

Tgt Ion: 65 Resp: 119417

Ion Ratio Lower Upper

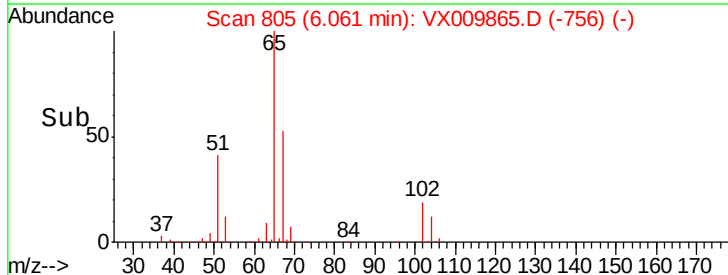
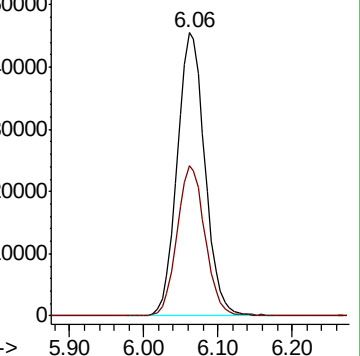
65 100

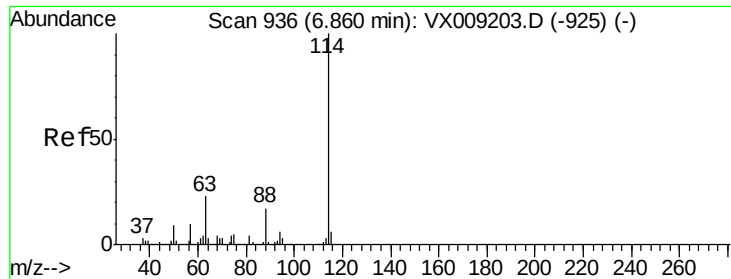
67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

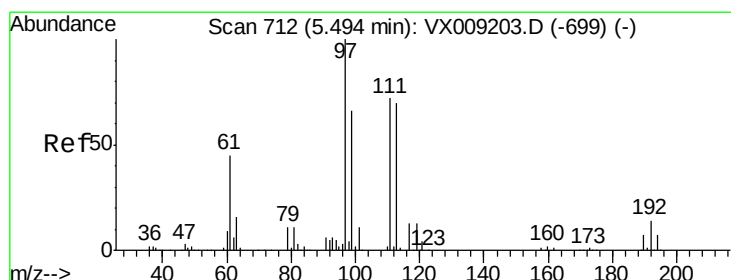
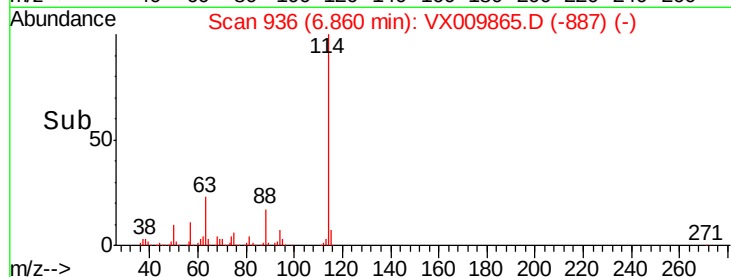
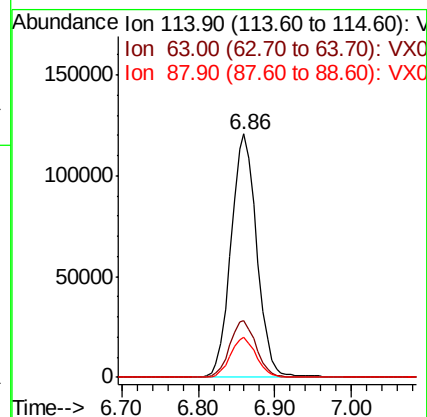
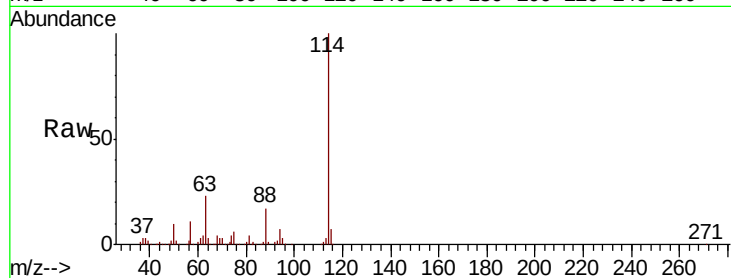




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

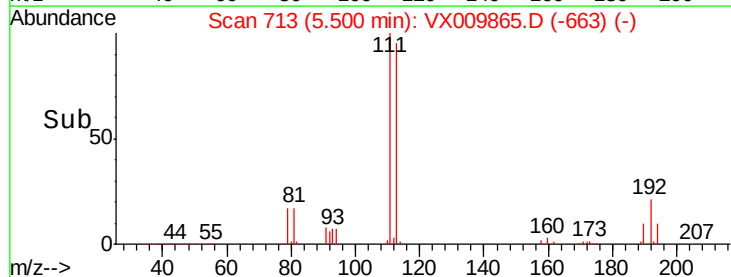
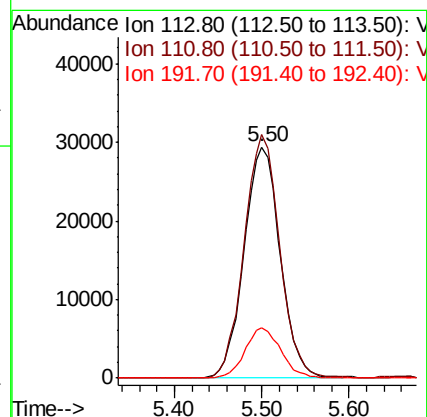
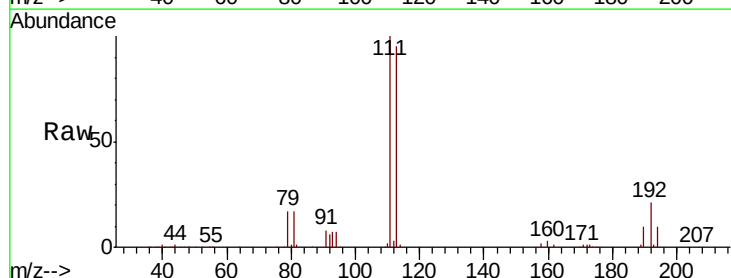
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)DL

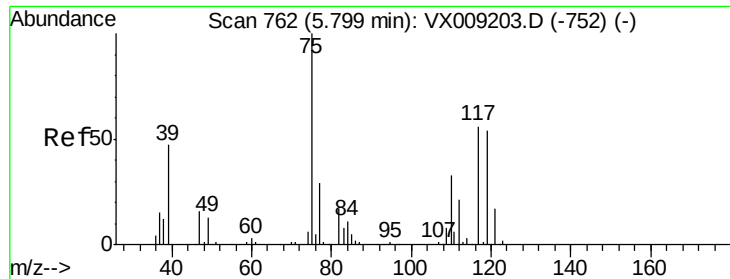
Tot Ion:114 Resp: 281263
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.6
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.779 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Tgt Ion:113 Resp: 84480
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 21.6 17.0 25.6

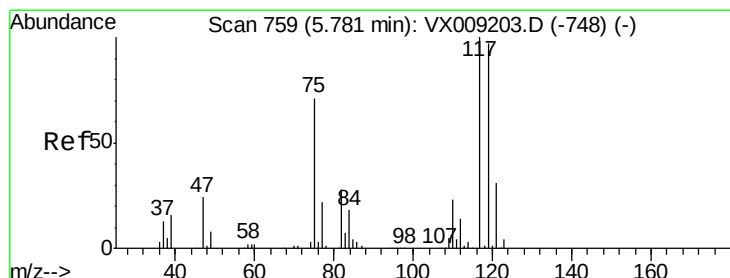
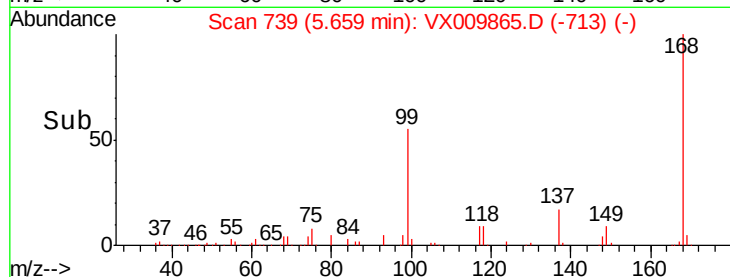
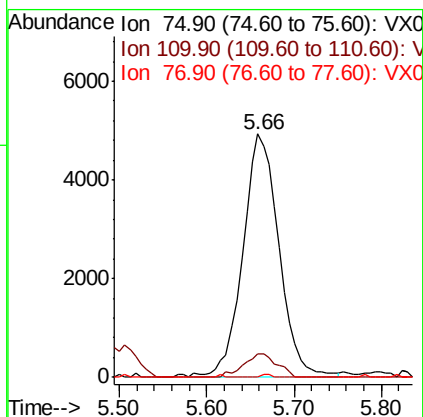
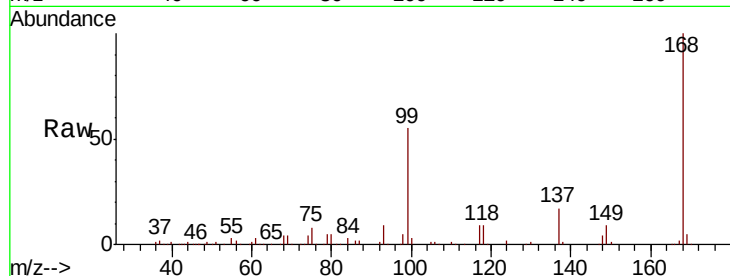




#36
 1,1-Dichloropropene
 Concen: 5.415 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009865.D
 Acq: 23 May 2019 17:51

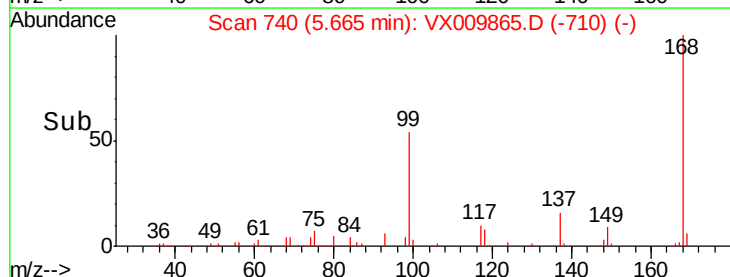
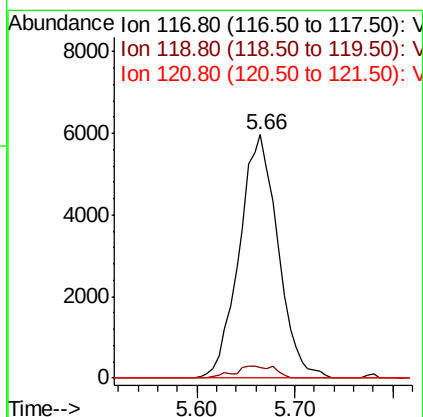
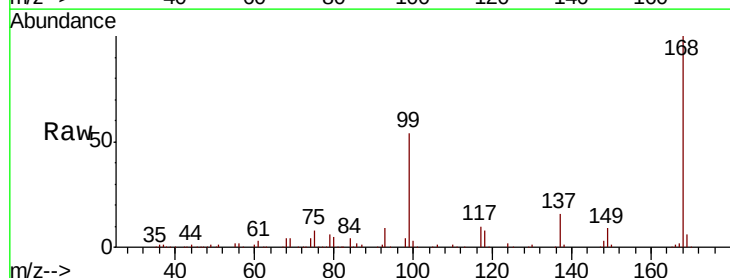
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-IR(17-20)DL

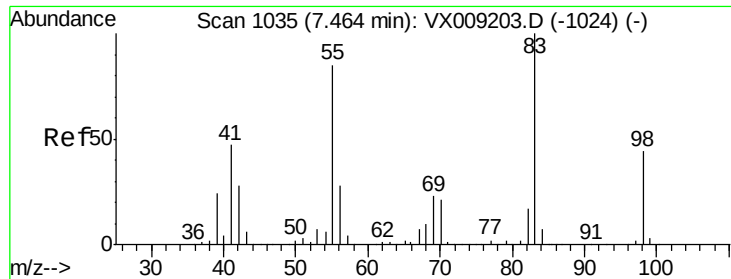
Tot Ion	75	Resp	14154
Ion Ratio	100	Lower	Upper
75	100		
110	9.0	16.9	50.6#
77	0.3	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.889 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX009865.D
 Acq: 23 May 2019 17:51

Tgt Ion	117	Resp	16359
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.6	77.5	116.3#
121	0.0	24.7	37.1#

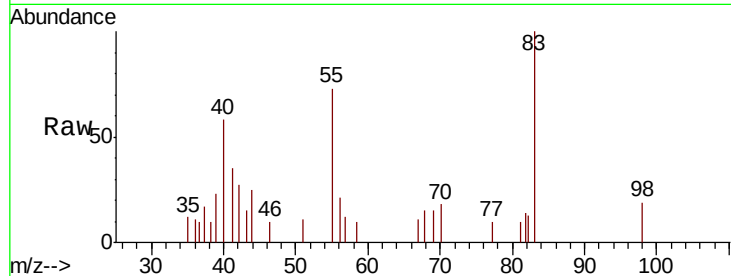




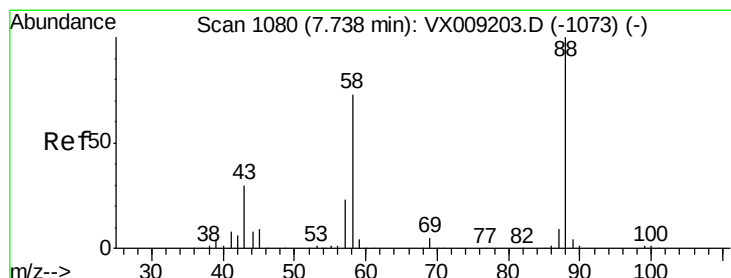
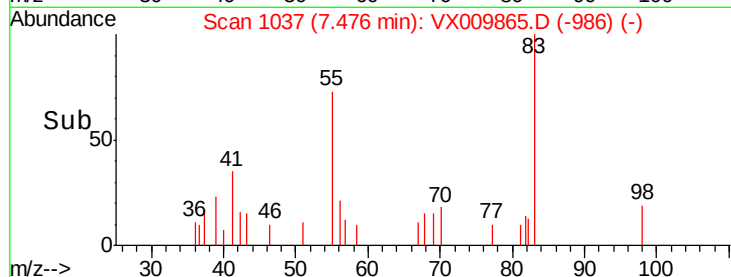
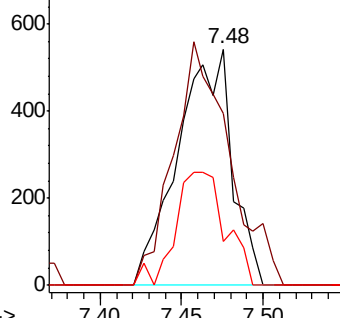
#39
Methylcyclohexane
Concen: 0.391 ug/l
RT: 7.48 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)DL

Tot Ion: 83 Resp: 1256
Ion Ratio Lower Upper
83 100
55 72.7 67.7 101.5
98 18.8 35.5 53.3#

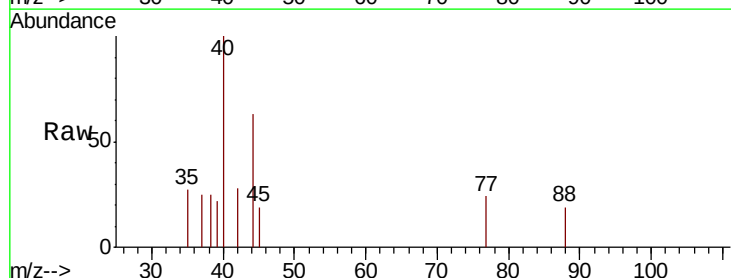


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

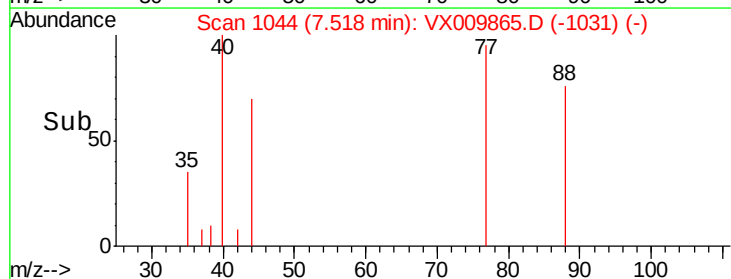
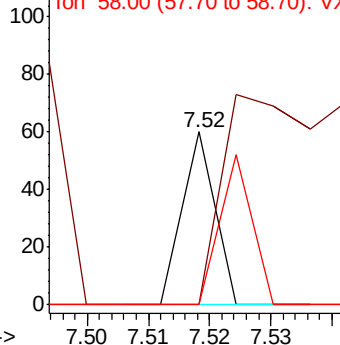


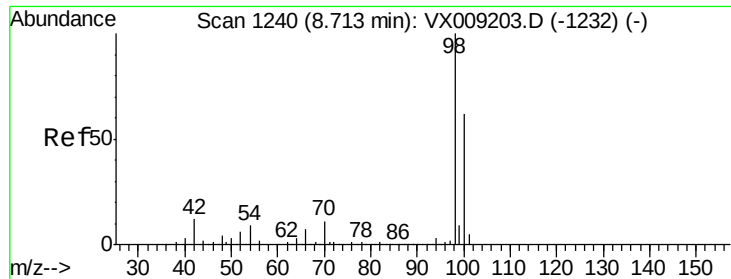
#49
1,4-Dioxane
Concen: 0.375 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.22 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 336.4 28.6 42.8#
58 86.4 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

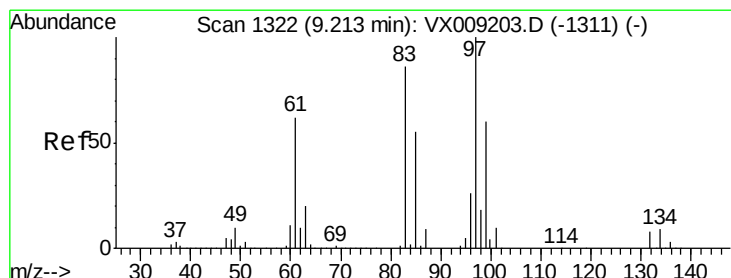
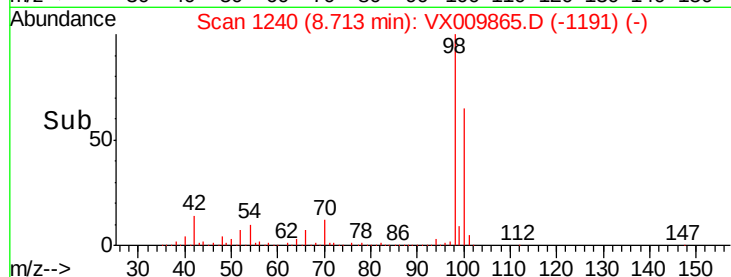
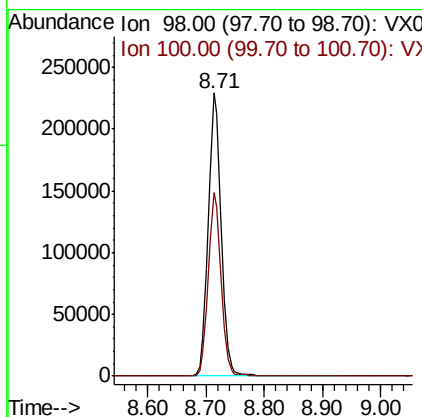
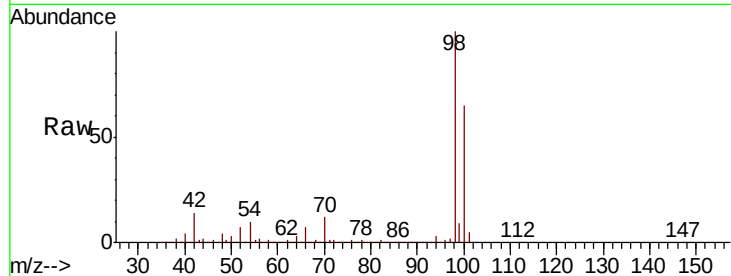




#50
Toluene-d8
Concen: 49.936 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

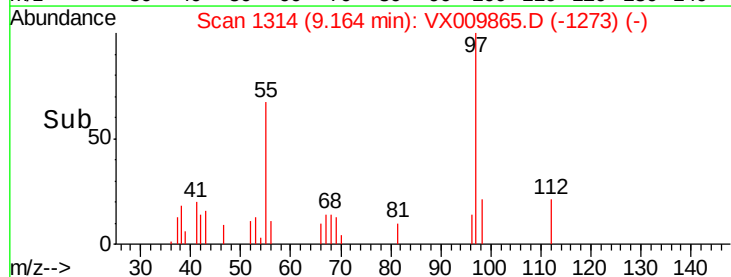
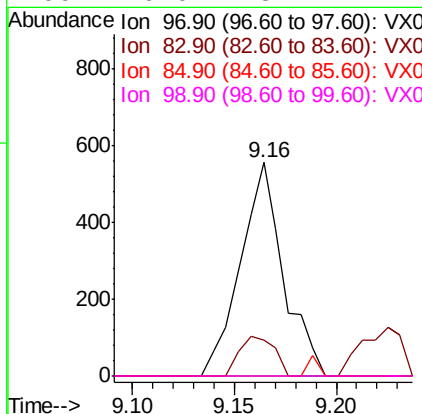
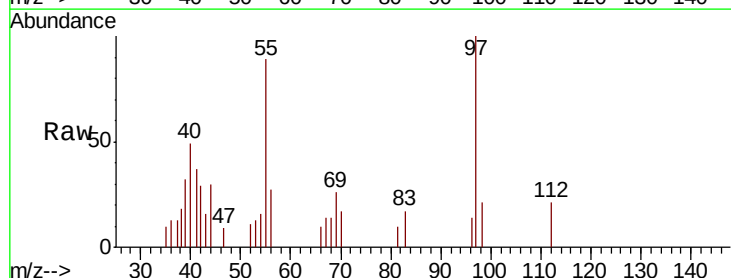
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)DL

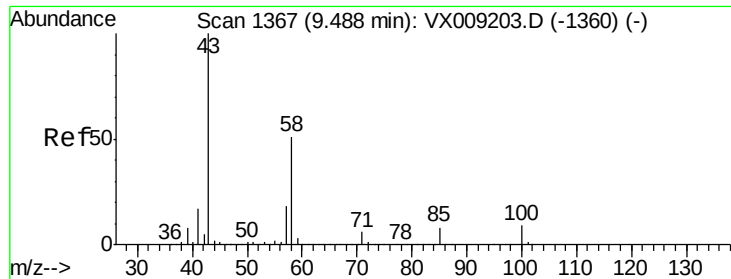
Tot Ion: 98 Resp: 356461
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#55
1,1,2-Trichloroethane
Concen: 0.405 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Tgt Ion: 97 Resp: 813
Ion Ratio Lower Upper
97 100
83 16.9 68.9 103.3#
85 0.0 43.8 65.6#
99 0.0 48.2 72.2#

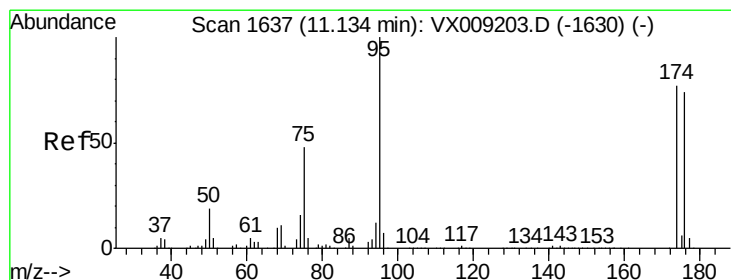
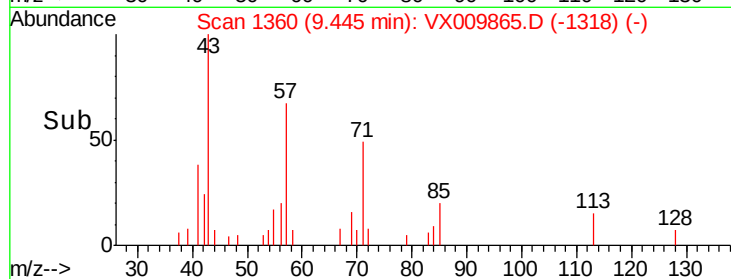
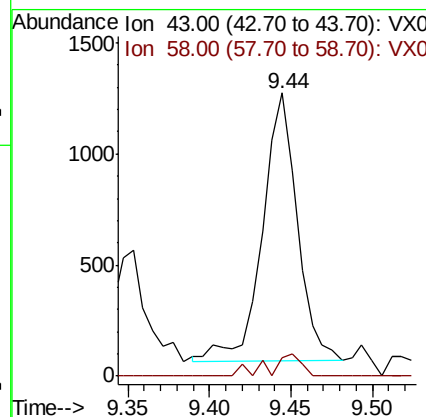
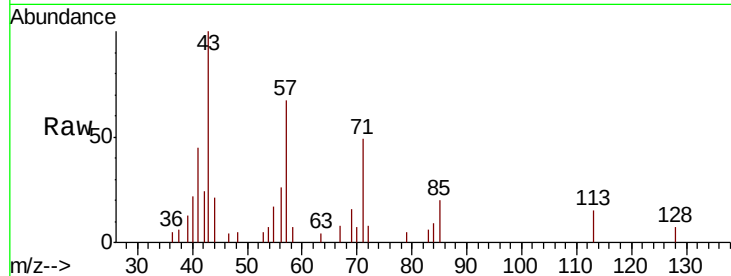




#59
2-Hexanone
Concen: 0.600 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

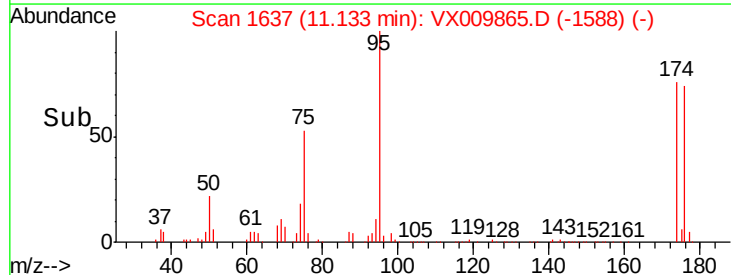
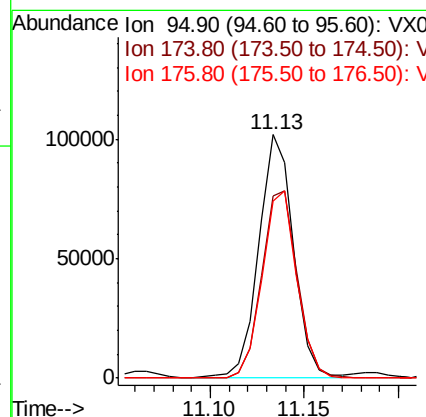
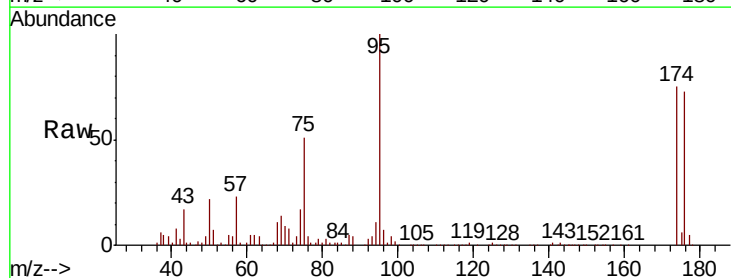
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)DL

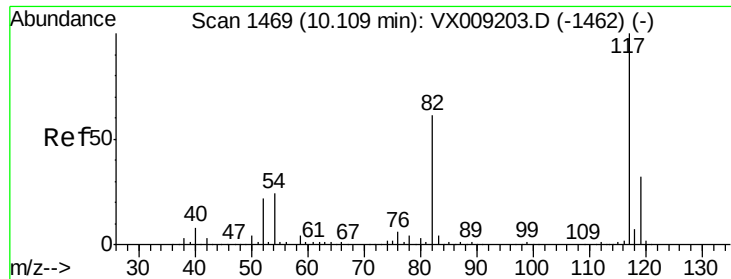
Tot Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
58 6.3 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 49.630 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Tgt Ion: 95 Resp: 128730
Ion Ratio Lower Upper
95 100
174 80.0 0.0 161.6
176 77.9 0.0 159.2

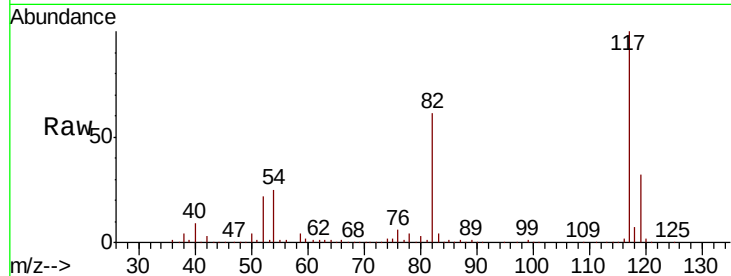




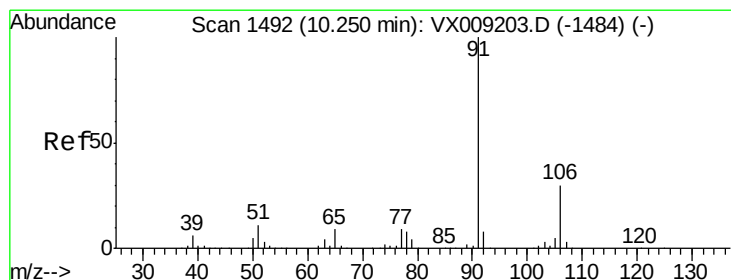
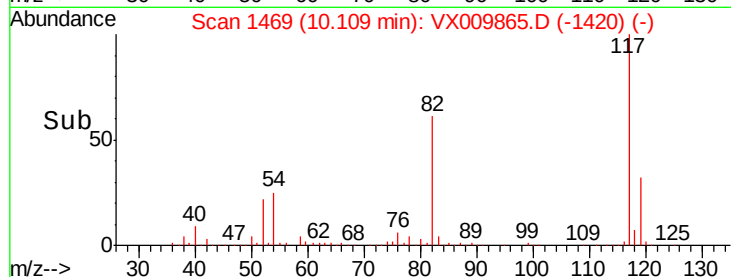
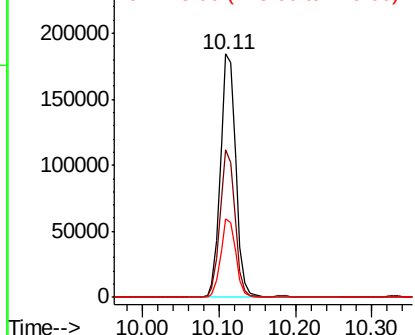
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)DL

Tot Ion:117 Resp: 255355
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 32.4 25.8 38.6

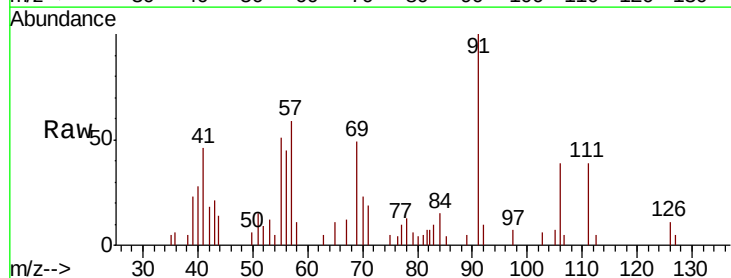


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

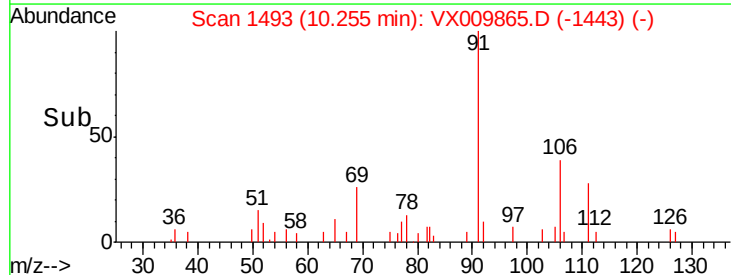
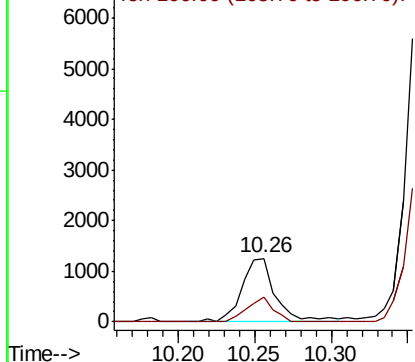


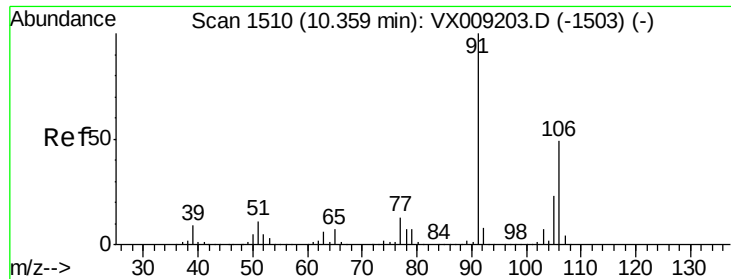
#67
Ethyl Benzene
Concen: 0.206 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Tgt Ion: 91 Resp: 1933
Ion Ratio Lower Upper
91 100
106 39.1 24.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 1.502 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

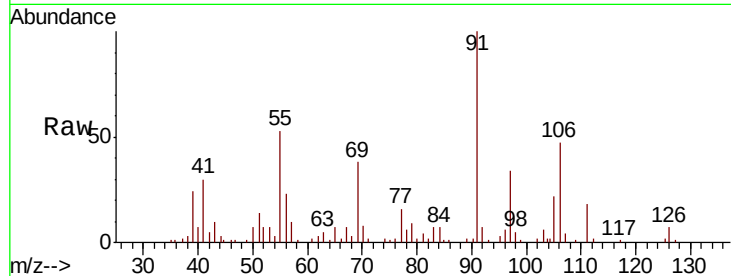
EP1-SB-MW-IR(17-20)DL

Tot Ion:106 Resp: 5160

Ion Ratio Lower Upper

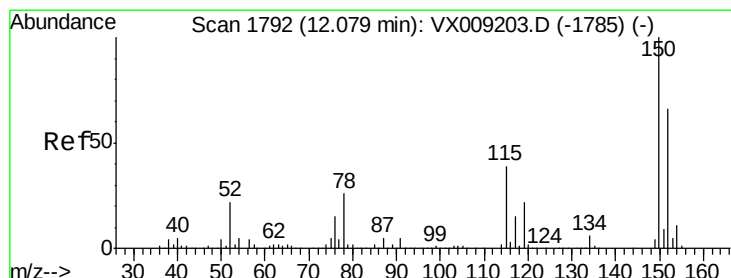
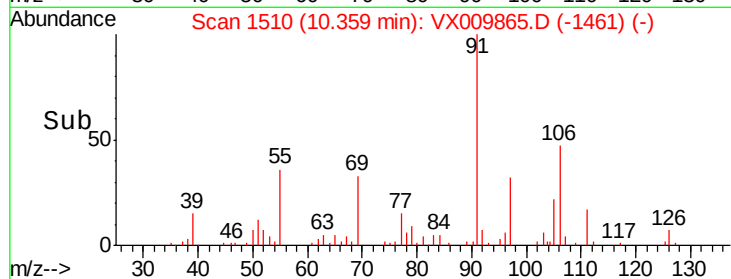
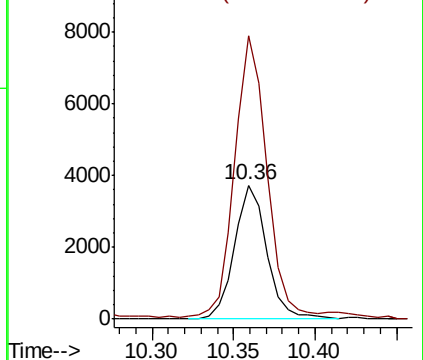
106 100

91 206.0 164.0 246.0



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

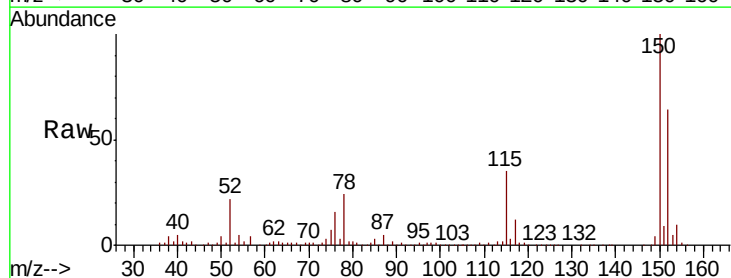
Tgt Ion:152 Resp: 116243

Ion Ratio Lower Upper

152 100

115 59.9 41.2 123.6

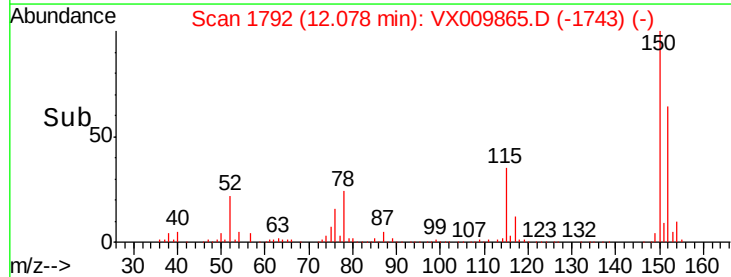
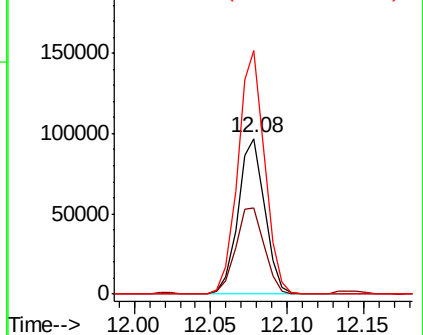
150 156.8 0.0 346.4

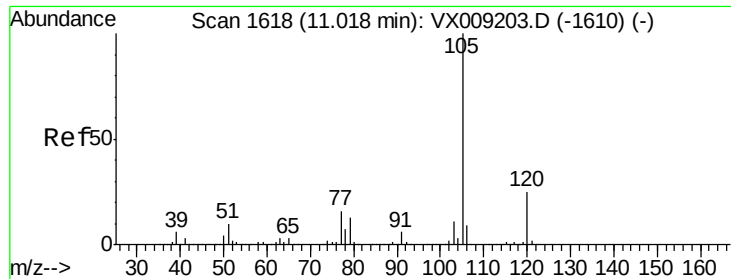


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.401 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

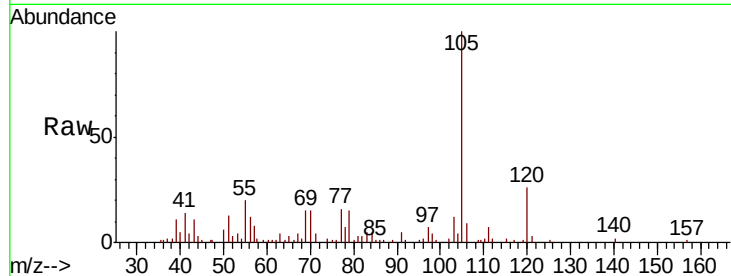
EP1-SB-MW-IR(17-20)DL

Tot Ion:105 Resp: 11843

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

10000

8000

6000

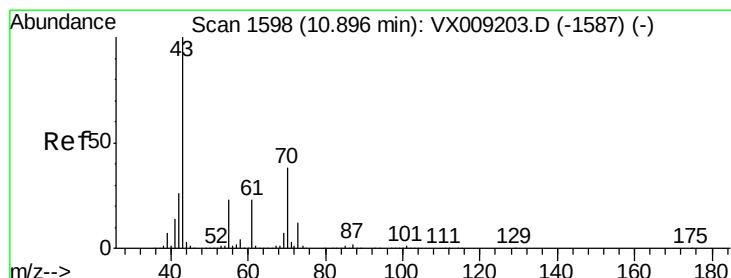
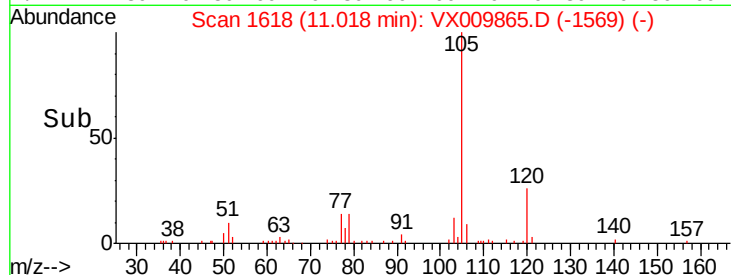
4000

2000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 2.641 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Tgt Ion: 43 Resp: 13015

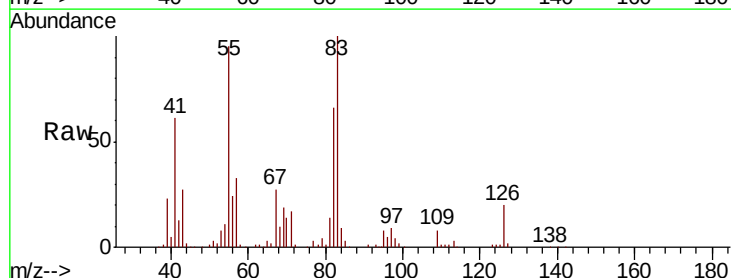
Ion Ratio Lower Upper

43 100

70 62.6 30.0 45.0#

55 330.3 17.9 26.9#

61 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

40000

30000

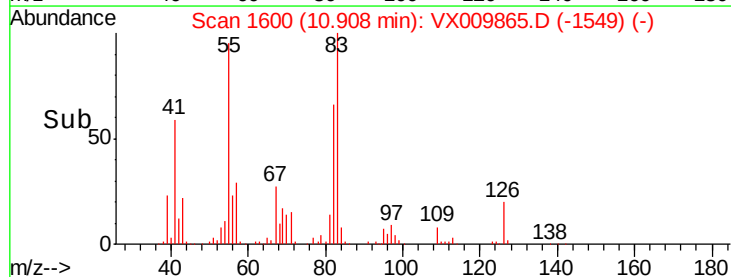
20000

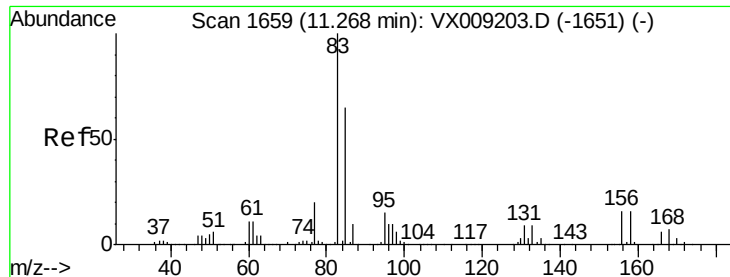
10000

0

Time-->

10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 1.916 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-IR(17-20)DL

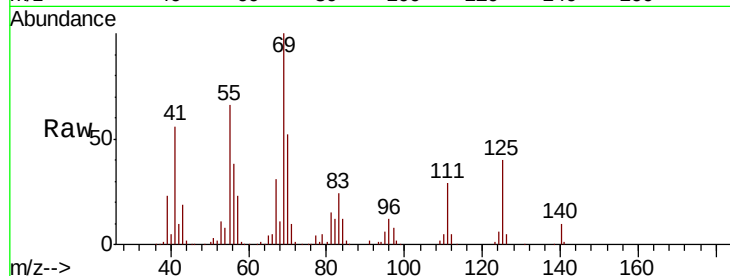
Tot Ion: 83 Resp: 6038

Ion Ratio Lower Upper

83 100

131 0.3 4.6 13.8#

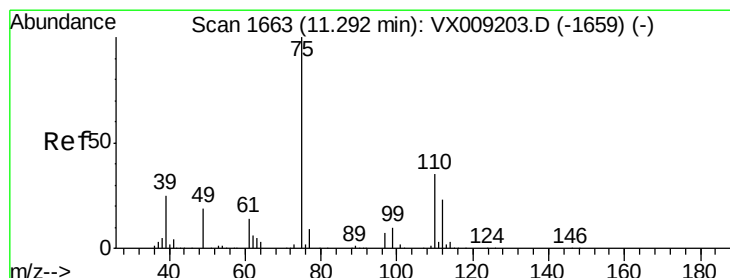
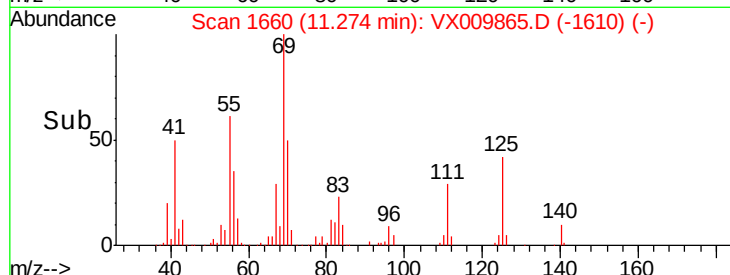
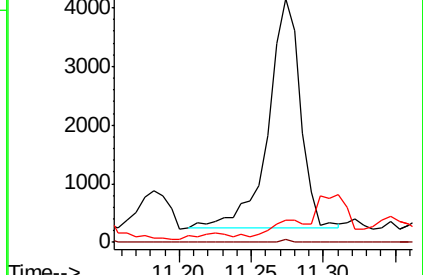
85 7.3 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.363 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009865.D

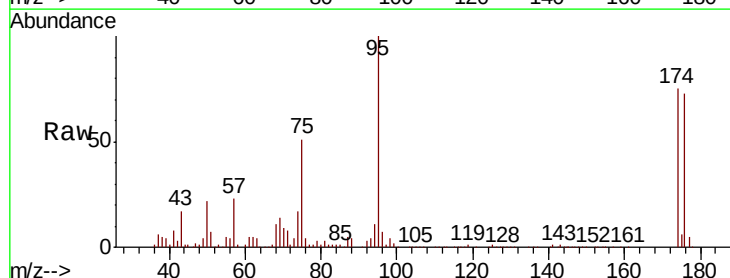
Acq: 23 May 2019 17:51

Tgt Ion: 75 Resp: 65694

Ion Ratio Lower Upper

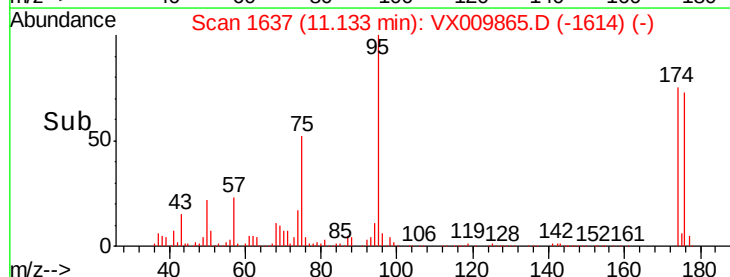
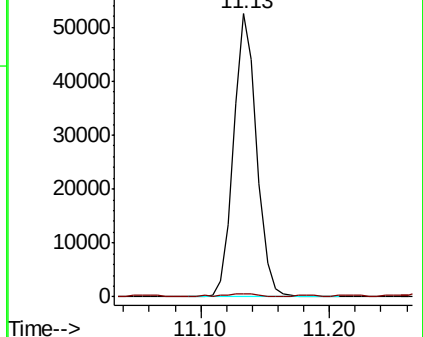
75 100

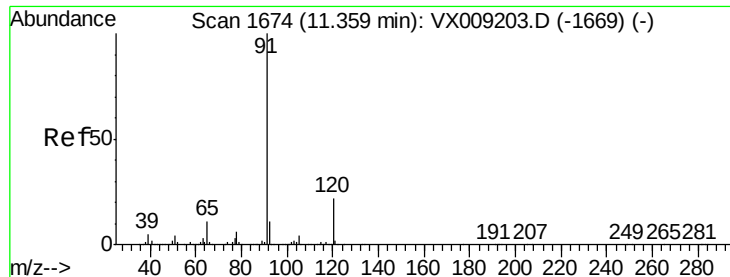
77 1.4 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.698 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

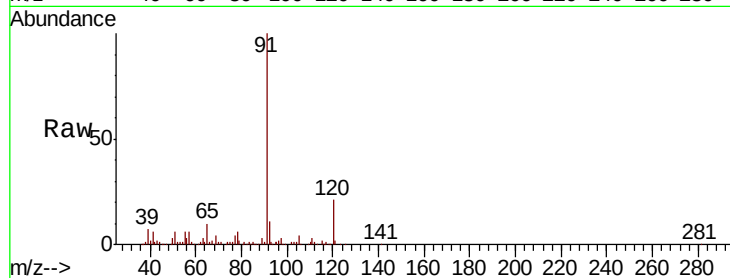
EP1-SB-MW-IR(17-20)DL

Tot Ion: 91 Resp: 35701

Ion Ratio Lower Upper

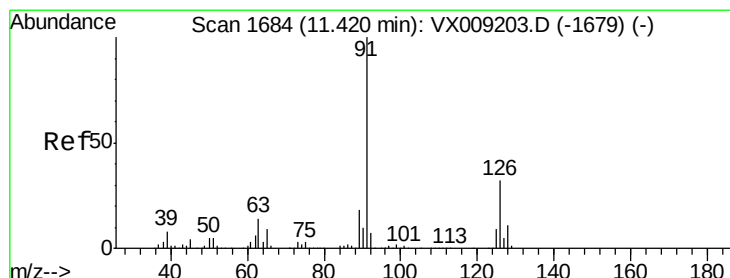
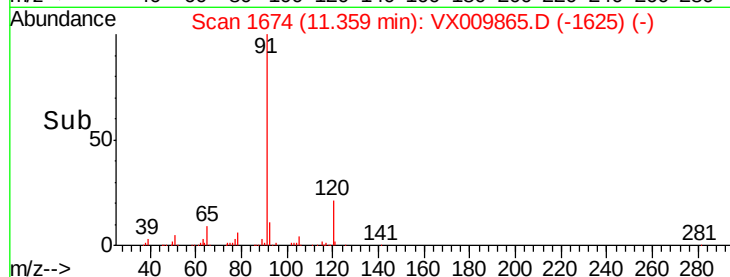
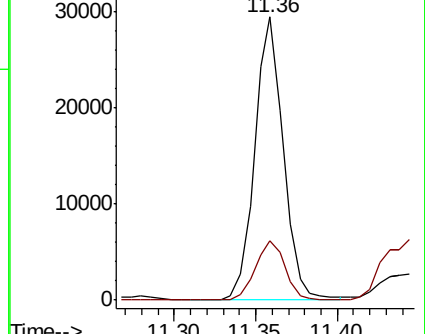
91 100

120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.178 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX009865.D

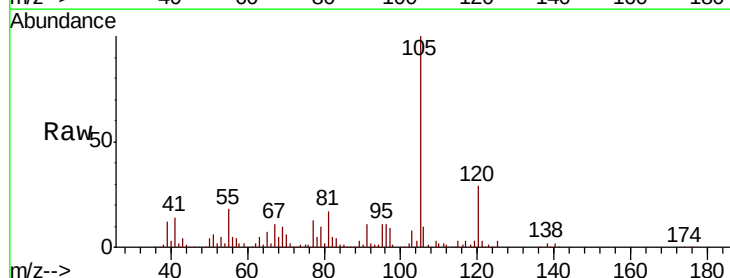
Acq: 23 May 2019 17:51

Tgt Ion: 91 Resp: 7016

Ion Ratio Lower Upper

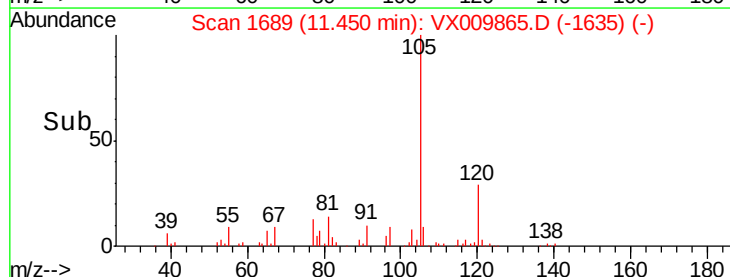
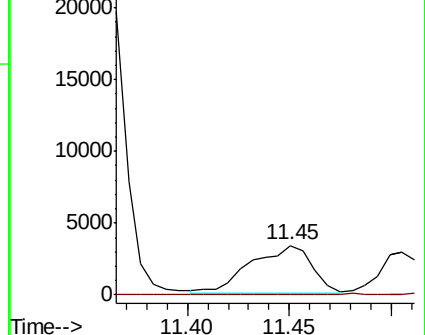
91 100

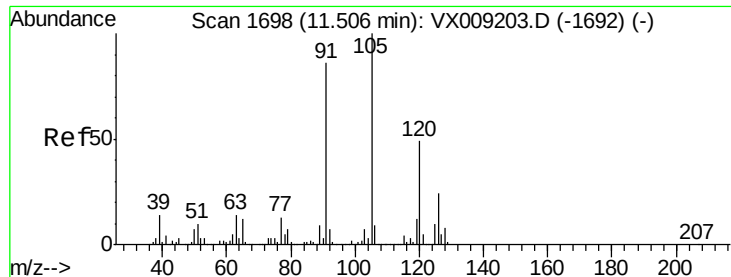
126 0.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 4.882 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

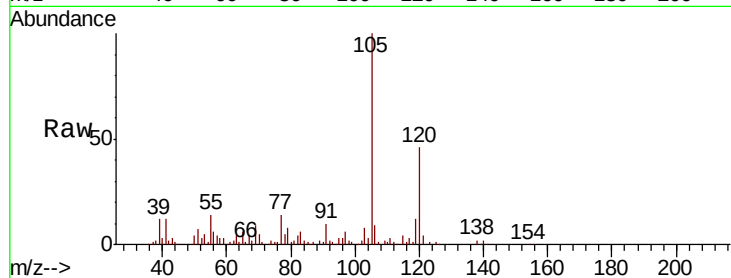
EP1-SB-MW-IR(17-20)DL

Tot Ion:105 Resp: 34748

Ion Ratio Lower Upper

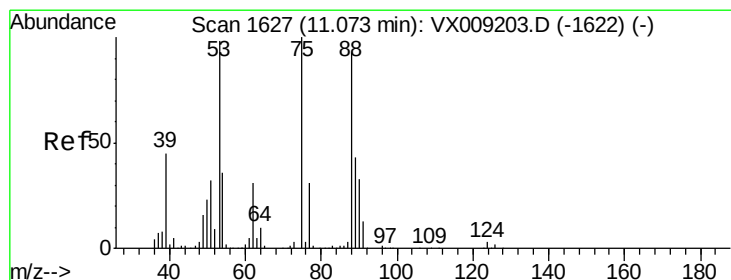
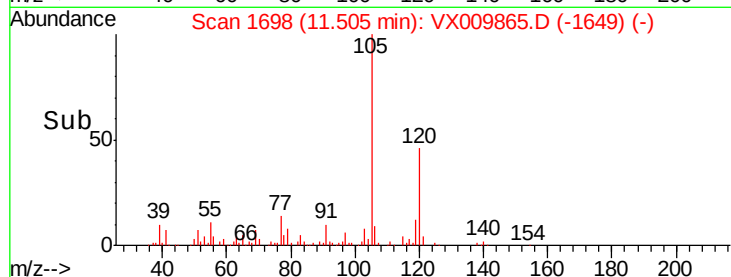
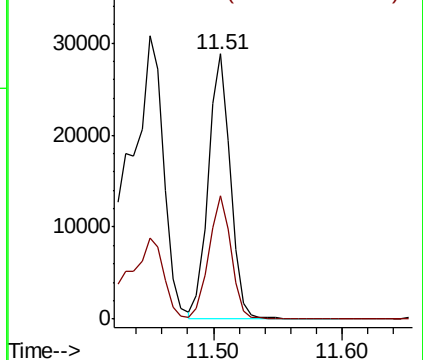
105 100

120 46.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 62.337 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

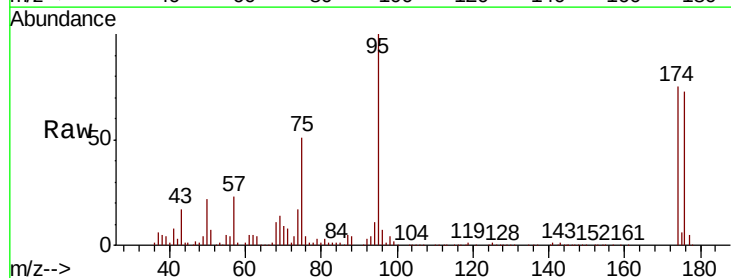
Tgt Ion: 75 Resp: 65694

Ion Ratio Lower Upper

75 100

53 1.7 79.0 118.6#

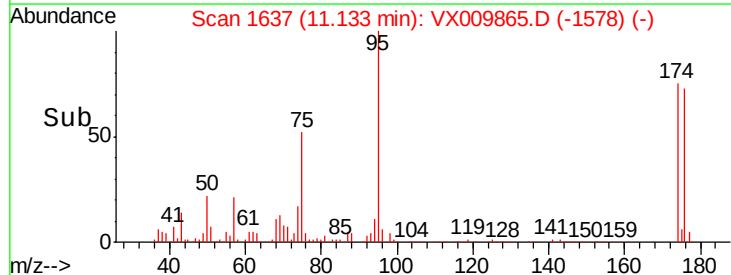
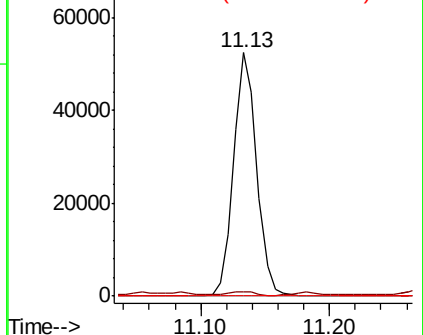
89 0.0 34.7 52.1#

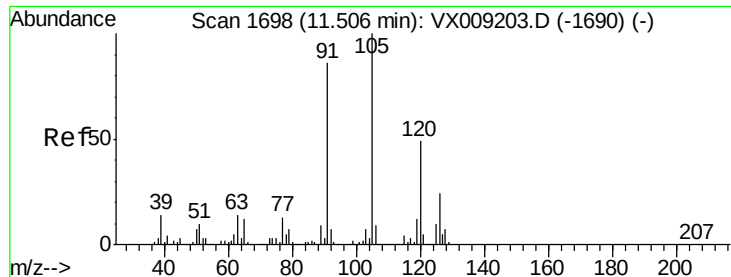


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.289 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.26 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

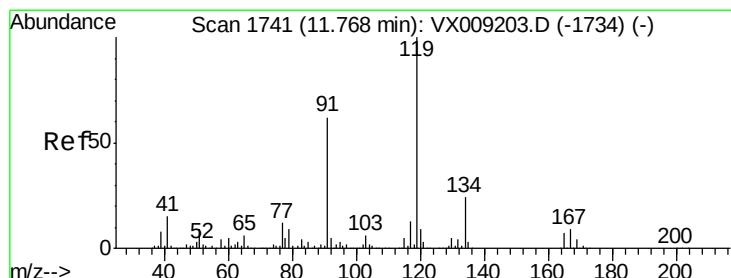
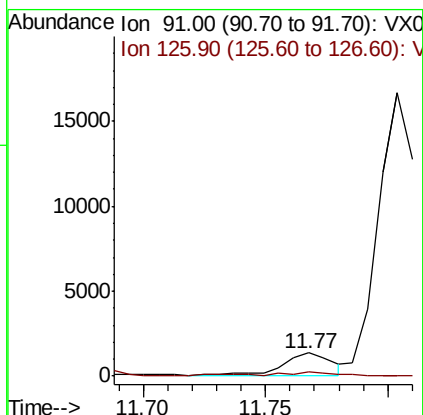
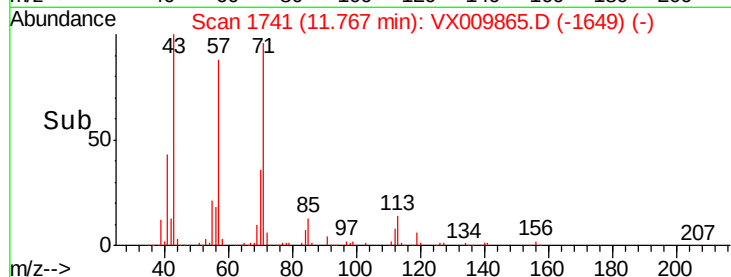
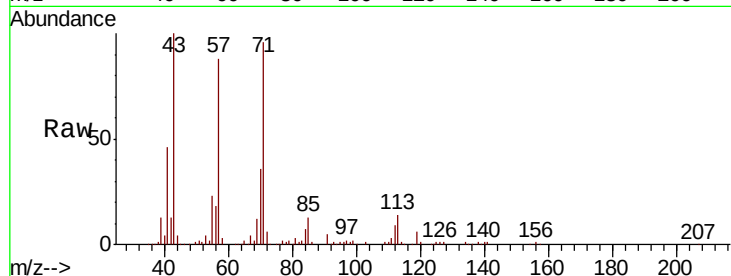
EP1-SB-MW-IR(17-20)DL

Tot Ion: 91 Resp: 1943

Ion Ratio Lower Upper

91 100

126 14.9 14.5 43.6



#83

tert-Butylbenzene

Concen: 0.310 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

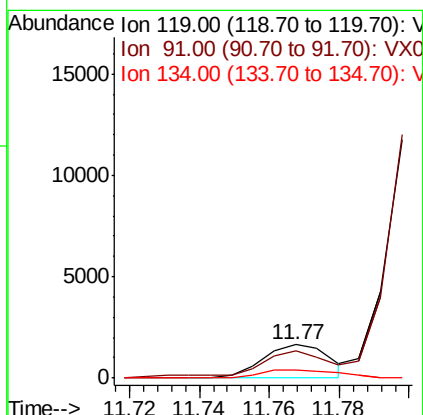
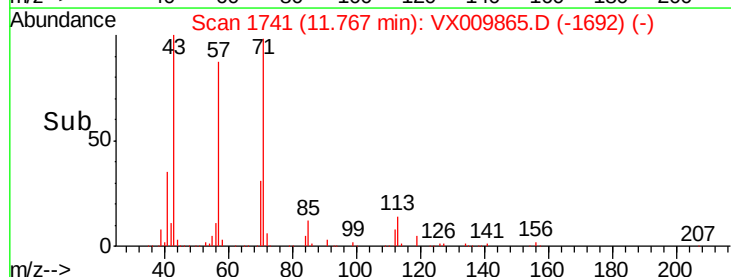
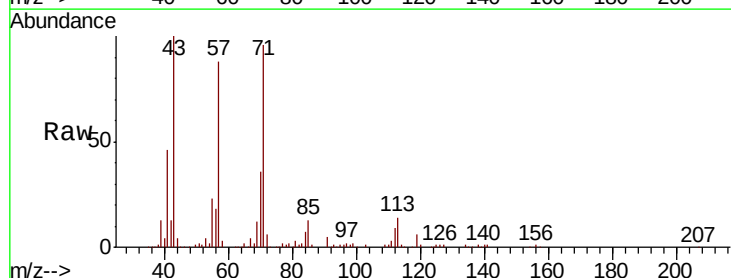
Tgt Ion: 119 Resp: 2149

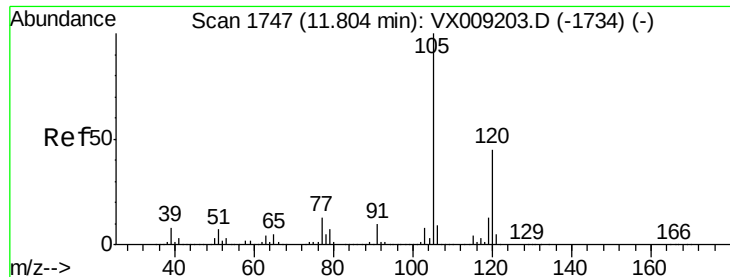
Ion Ratio Lower Upper

119 100

91 90.4 29.5 88.5#

134 29.3 11.4 34.1

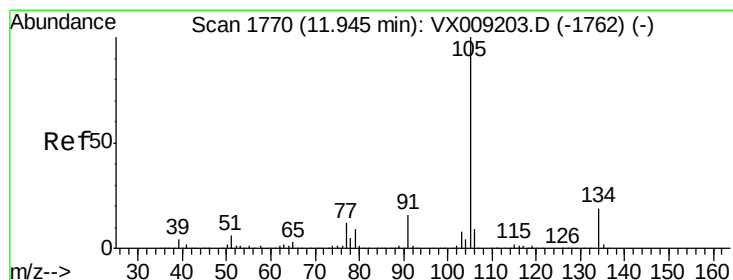
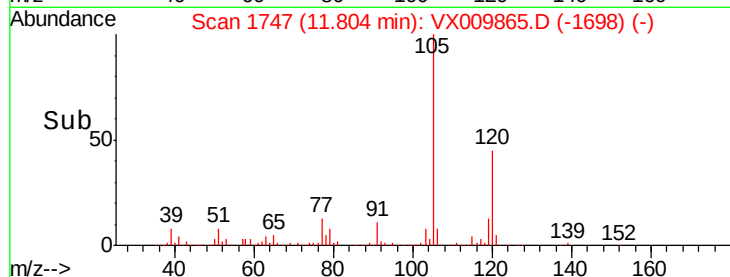
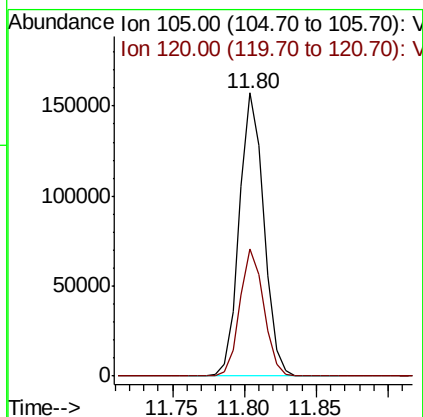
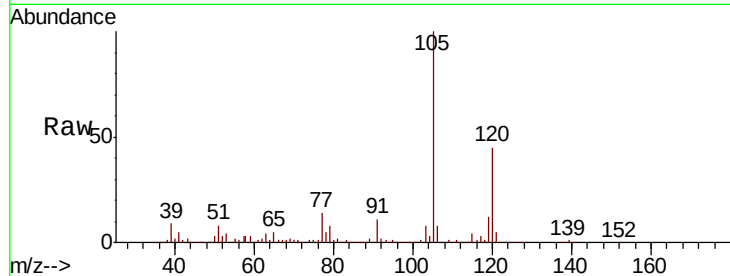




#84
 1,2,4-Trimethylbenzene
 Concen: 26.059 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009865.D
 Acq: 23 May 2019 17:51

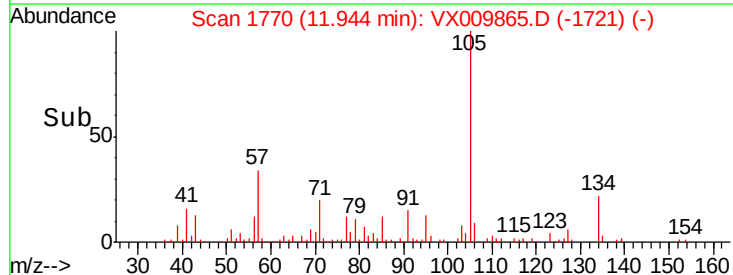
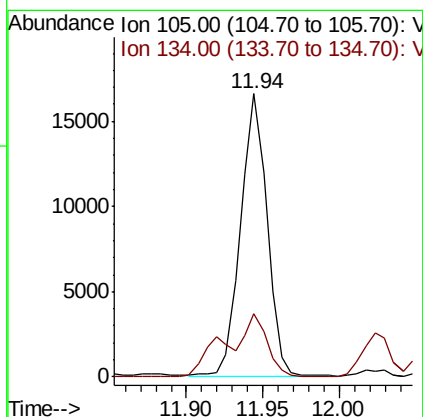
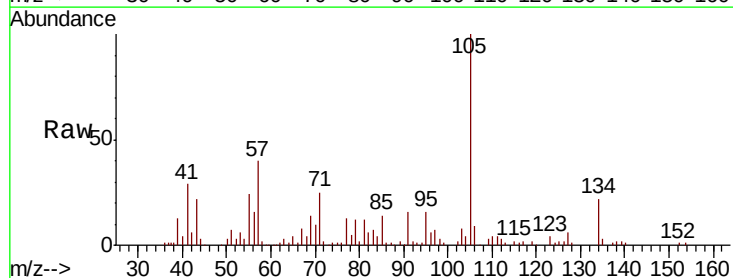
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-IR(17-20)DL

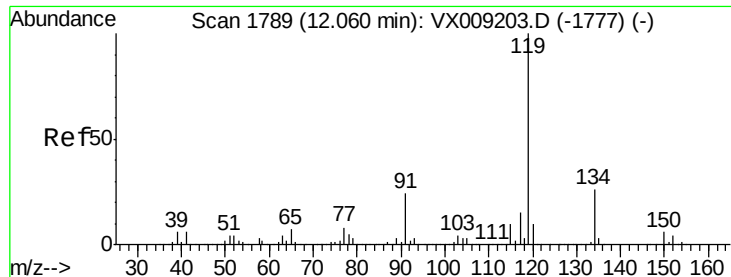
Tot Ion:105 Resp: 186173
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 2.406 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009865.D
 Acq: 23 May 2019 17:51

Tgt Ion:105 Resp: 19749
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9

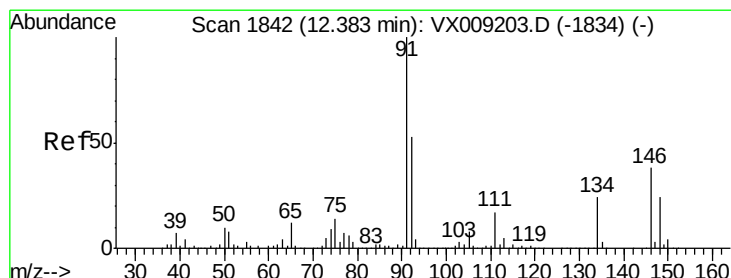
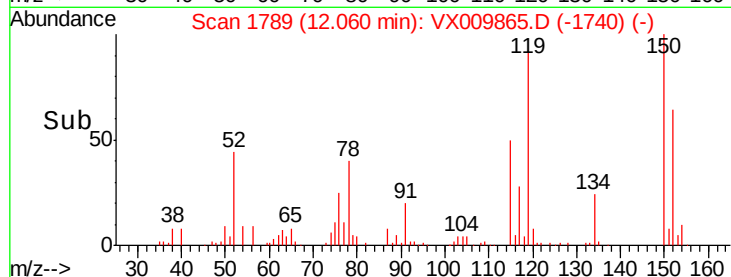
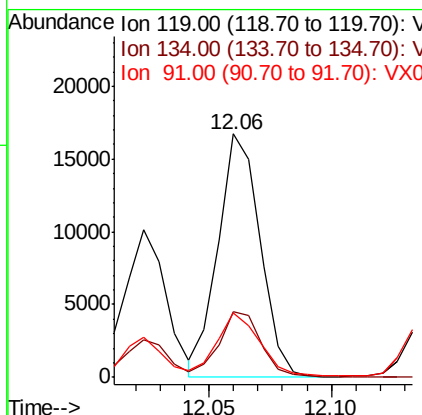
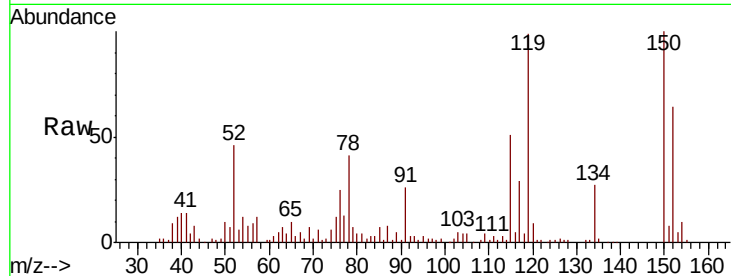




#86
 p-Isopropyltoluene
 Concen: 2.713 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009865.D
 Acq: 23 May 2019 17:51

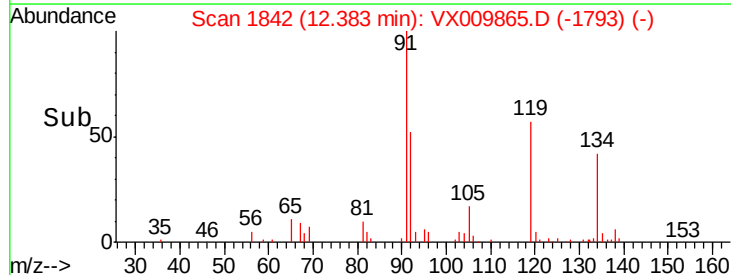
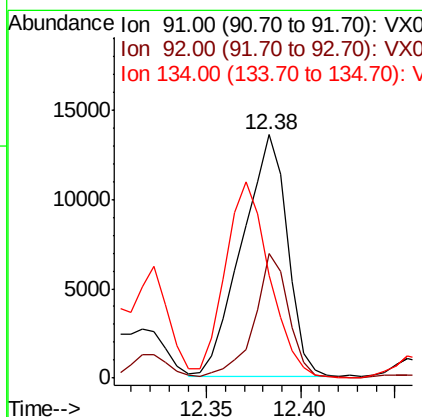
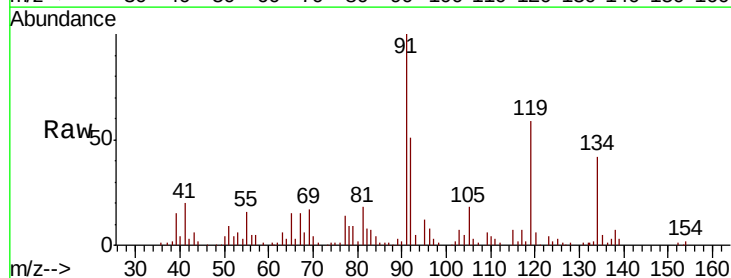
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-IR(17-20)DL

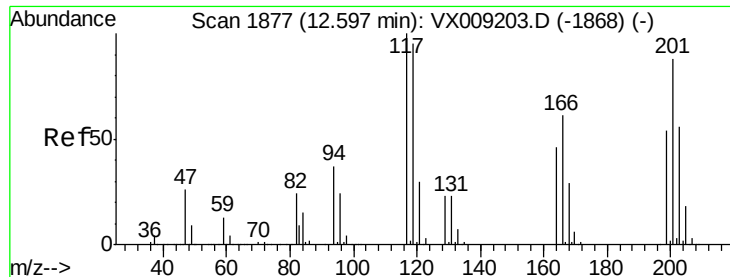
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.9	38.7
91	25.6	11.8	35.4



#89
 n-Butylbenzene
 Concen: 3.377 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX009865.D
 Acq: 23 May 2019 17:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	39.2	26.5	79.5
134	79.0	12.4	37.2#





#90

Hexachloroethane

Concen: 1.667 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

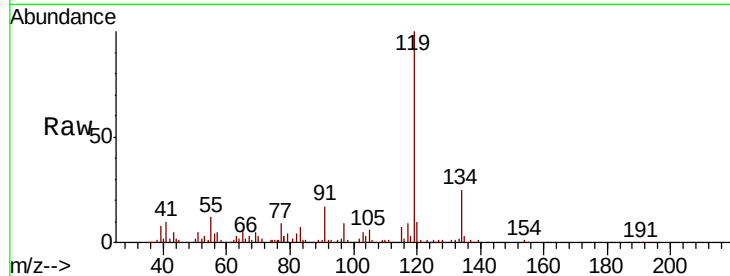
EP1-SB-MW-IR(17-20)DL

Tot Ion:117 Resp: 2096

Ion Ratio Lower Upper

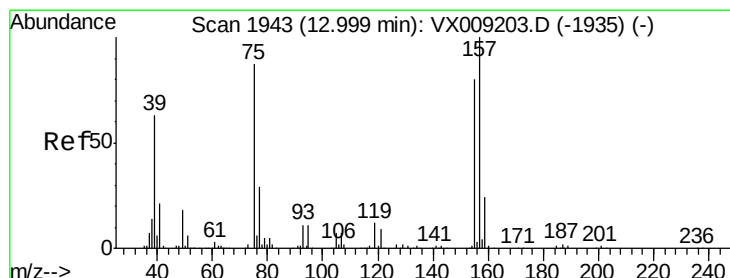
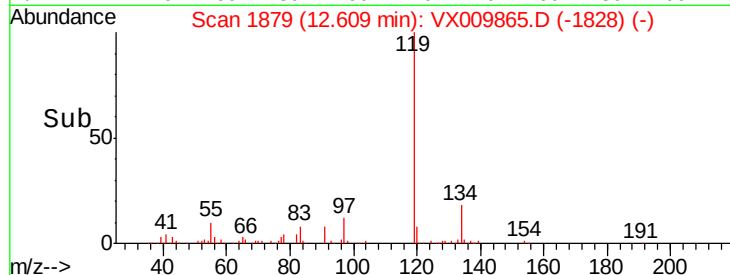
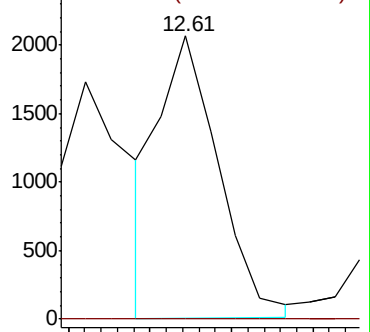
117 100

201 0.0 42.3 126.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.314 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX009865.D

Acq: 23 May 2019 17:51

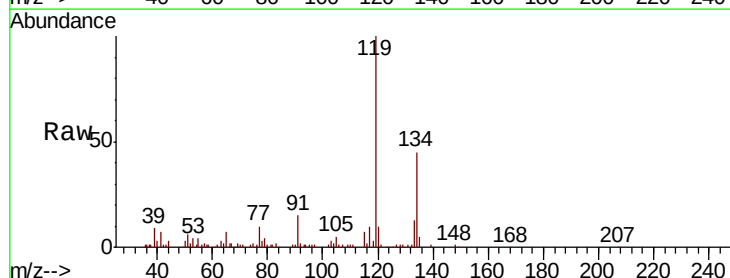
Tgt Ion: 75 Resp: 222

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

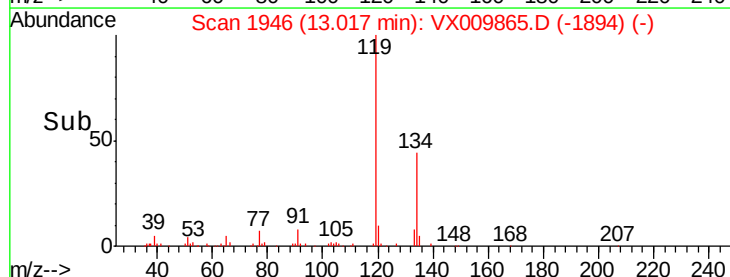
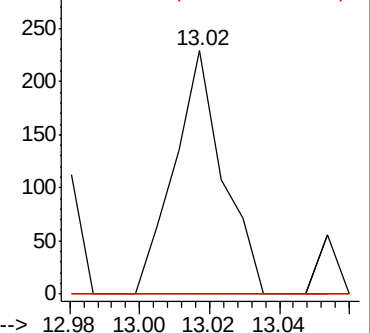
157 0.0 53.2 159.6#

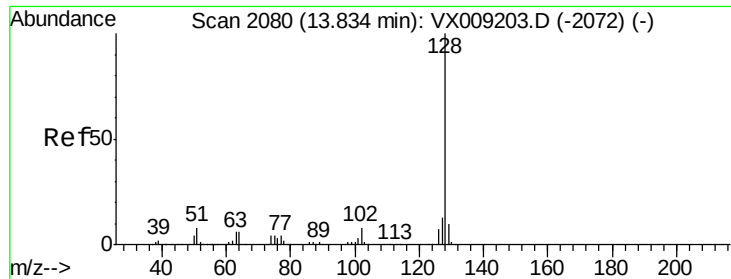


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 1.113 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009865.D
Acq: 23 May 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	12.1	8.6	13.0

