

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009545.D
 Acq On : 13 May 2019 15:55
 Operator : JC/SP
 Sample : K2834-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-423-425

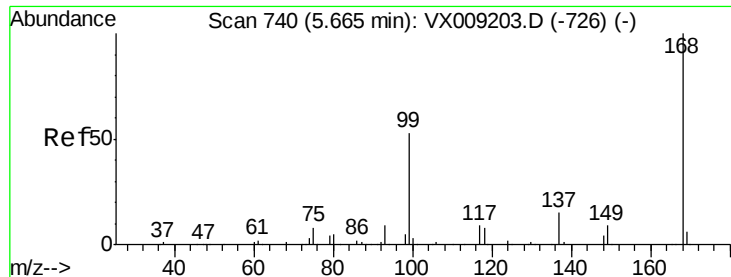
Quant Time: May 14 03:45:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	189688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107909	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	123242	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
35) Dibromofluoromethane	5.50	113	91852	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	8.71	98	376793	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	121379	43.82	ug/l	0.00
Spiked Amount			Recovery	=	87.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	308	0.221	ug/l #	78
10) Methyl Iodide	2.51	142	85	4.631	ug/l #	42
11) Tert butyl alcohol	3.04	59	225	0.375	ug/l #	73
13) Acrolein	2.29	56	238	0.438	ug/l #	50
16) Acetone	2.44	43	5982	4.302	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	15090	2.183	ug/l	97
20) Methylene Chloride	2.85	84	589	0.262	ug/l #	75
21) trans-1,2-Dichloroethene	3.17	96	510	0.264	ug/l #	76
22) Diisopropyl ether	3.86	45	2842	0.341	ug/l #	81
24) 1,1-Dichloroethane	3.70	63	7378	1.793	ug/l	99
25) 2-Butanone	4.70	43	1226	0.567	ug/l #	87
27) cis-1,2-Dichloroethene	4.59	96	32514	14.112	ug/l	87
28) Bromochloromethane	4.99	49	22	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	466	0.335	ug/l #	72
30) Chloroform	5.21	83	2950	0.793	ug/l	98
31) Cyclohexane	5.66	56	4403	1.150	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14445	5.176	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17719	6.988	ug/l #	15
42) 1,2-Dichloroethane	6.20	62	1963	0.634	ug/l	89
44) Trichloroethene	7.21	130	15798	7.566	ug/l	99
49) 1,4-Dioxane	7.74	88	43	0.687	ug/l #	1
60) Dibromochloromethane	9.34	129	15810	7.557	ug/l #	11
64) Tetrachloroethene	9.34	164	16743	9.322	ug/l	96
74) N-amyl acetate	10.91	43	1342	0.293	ug/l #	22
76) 1,2,3-Trichloropropane	11.13	75	62116	24.816	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62116	63.494	ug/l #	10

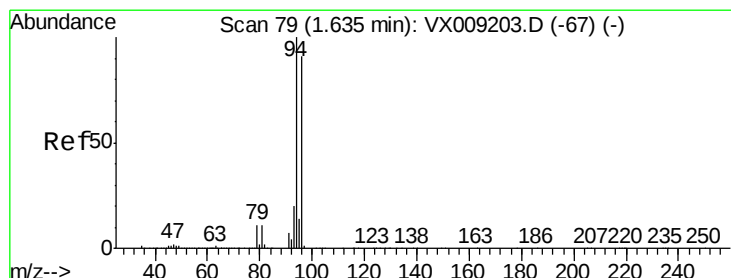
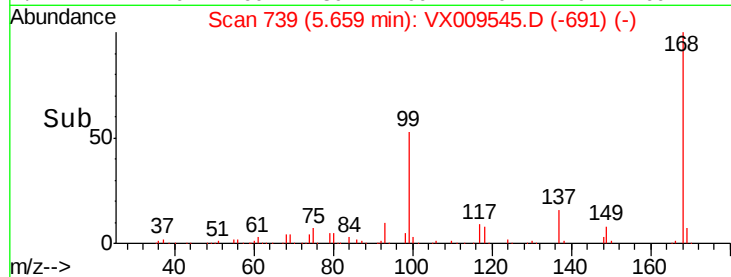
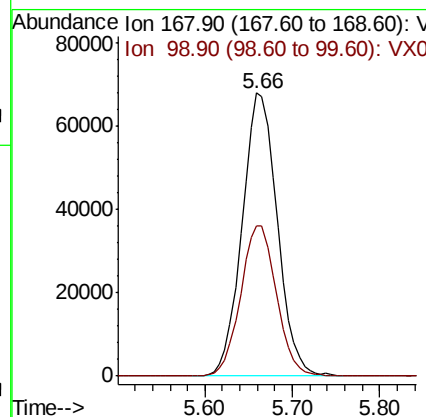
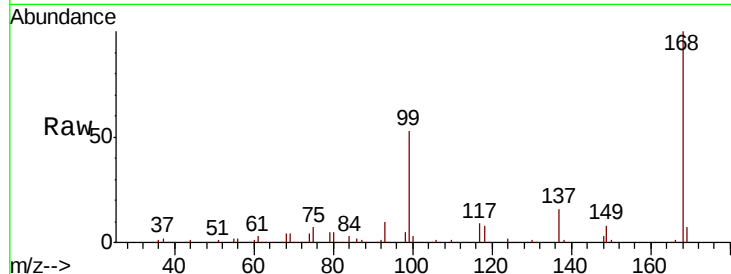
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

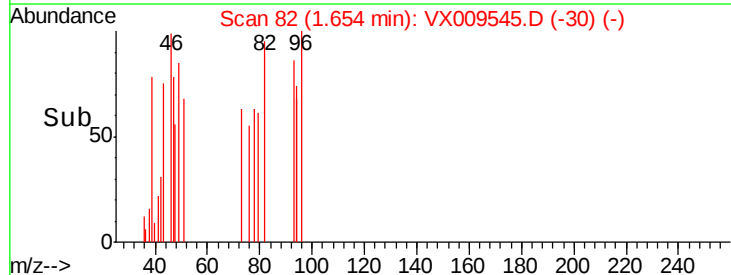
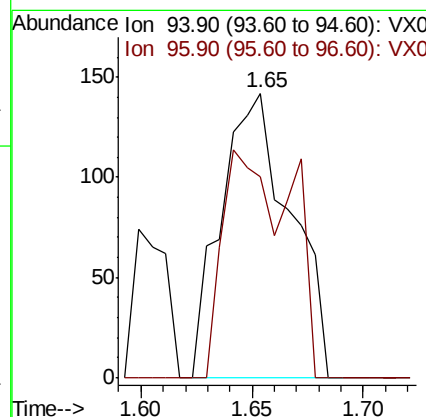
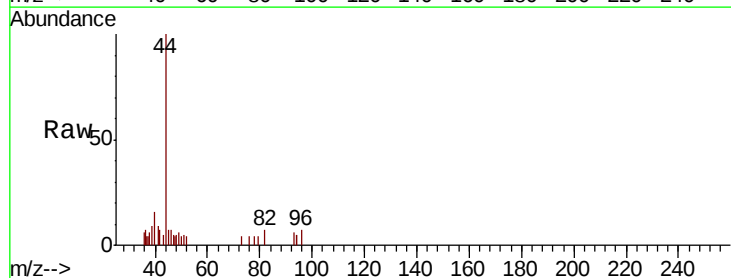
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

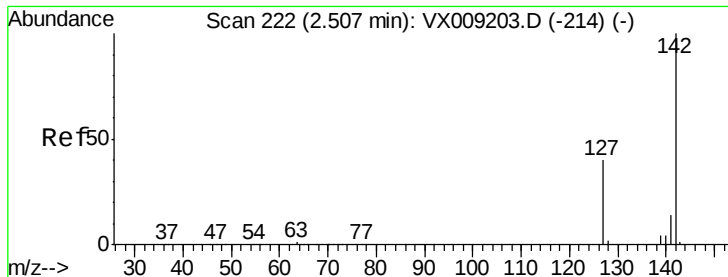
Tot Ion:168 Resp: 189688
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 70.4 73.0 109.6#

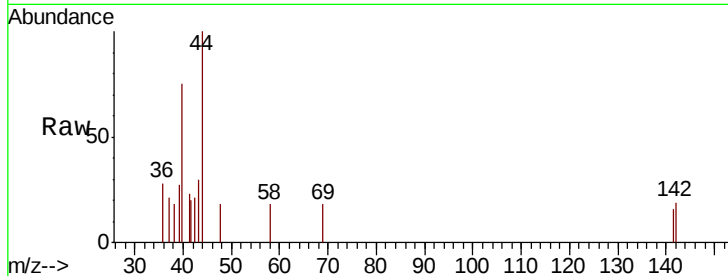




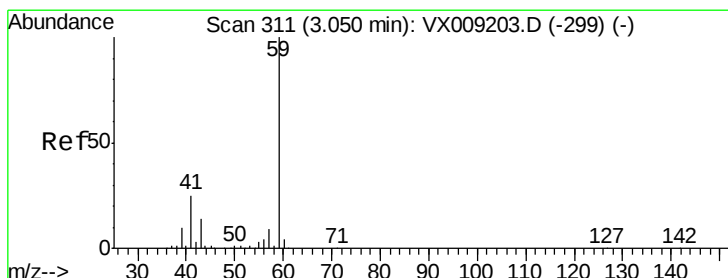
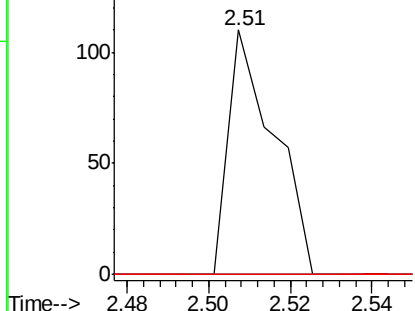
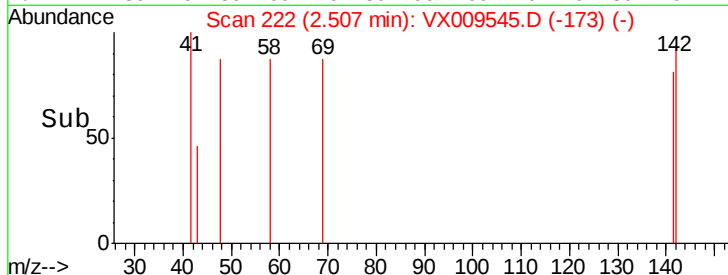
#10
Methvl Iodide
Concen: 4.631 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tot Ion:142 Resp: 85
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#

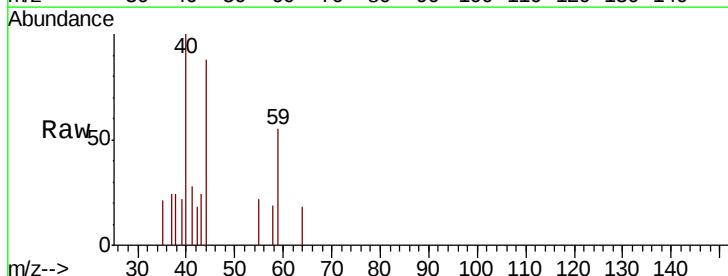


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

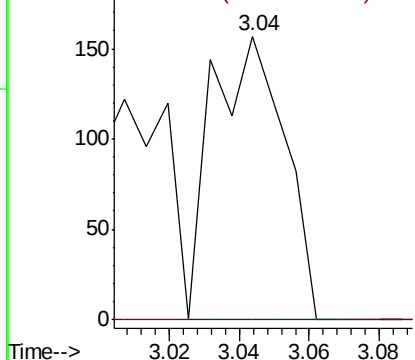
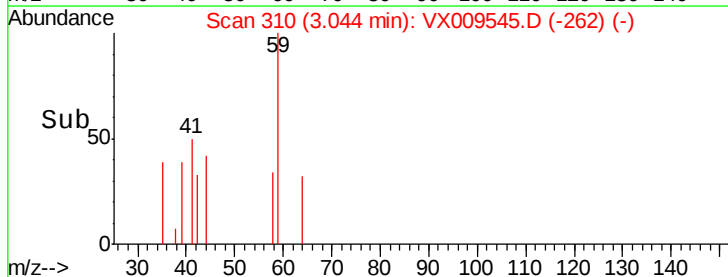


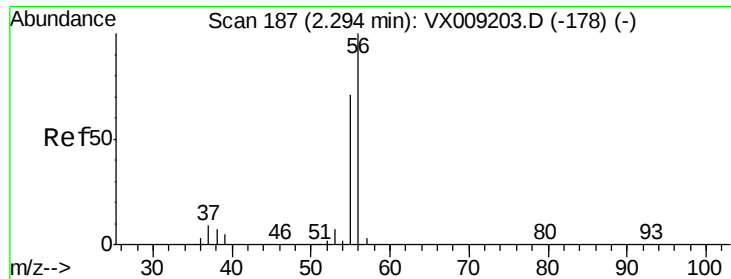
#11
Tert butyl alcohol
Concen: 0.375 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.438 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

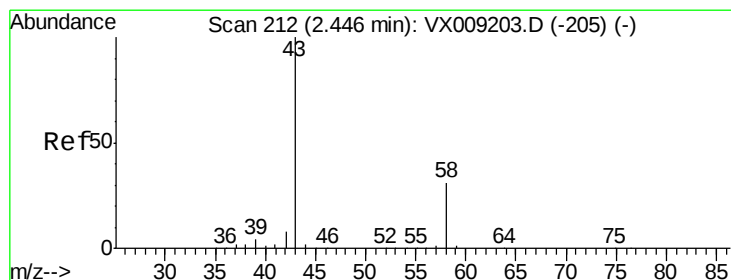
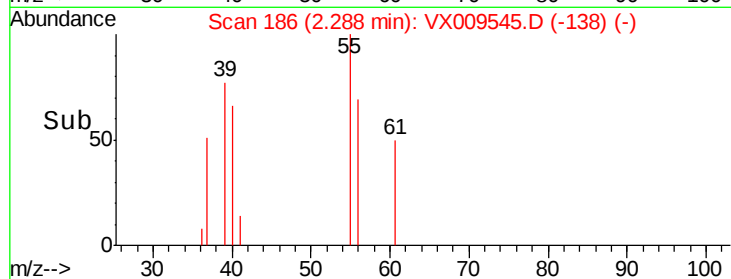
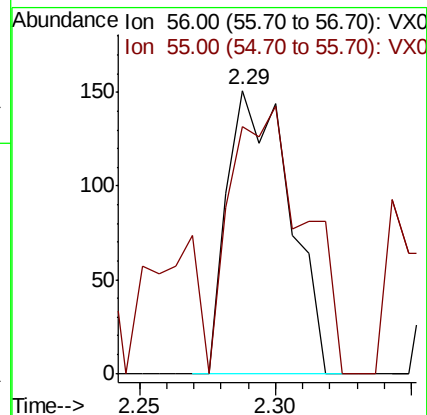
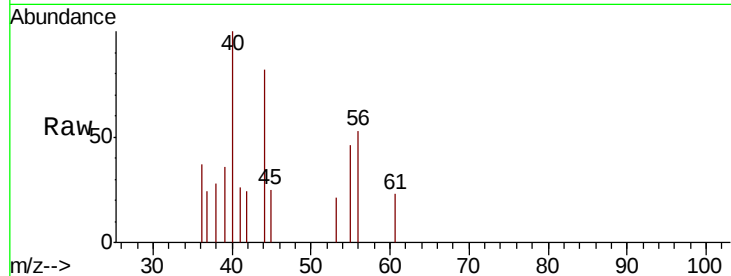
BP-VPB202-GW-423-425

Tot Ion: 56 Resp: 238

Ion Ratio Lower Upper

56 100

55 112.2 56.6 85.0#



#16

Acetone

Concen: 4.302 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009545.D

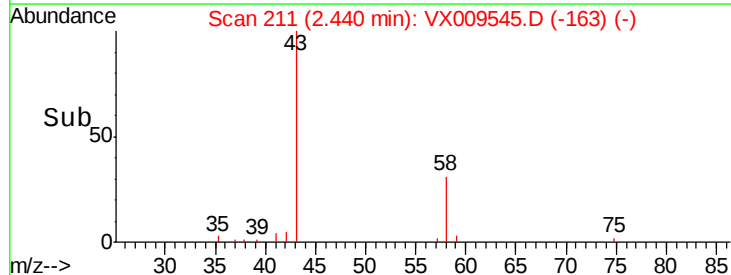
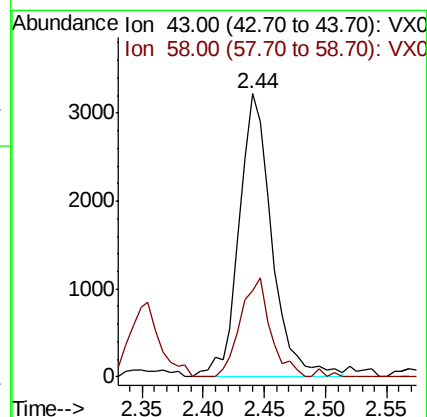
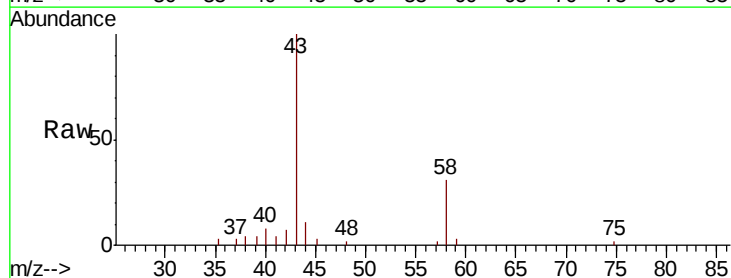
Acq: 13 May 2019 15:55

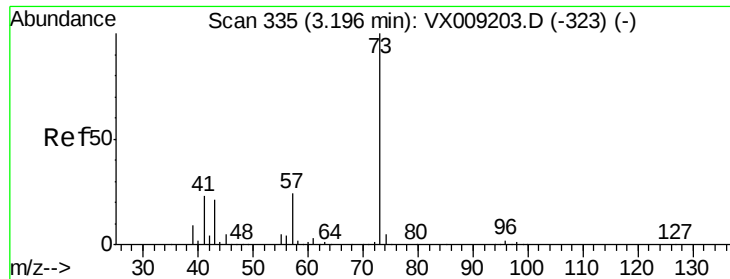
Tgt Ion: 43 Resp: 5982

Ion Ratio Lower Upper

43 100

58 30.6 24.9 37.3

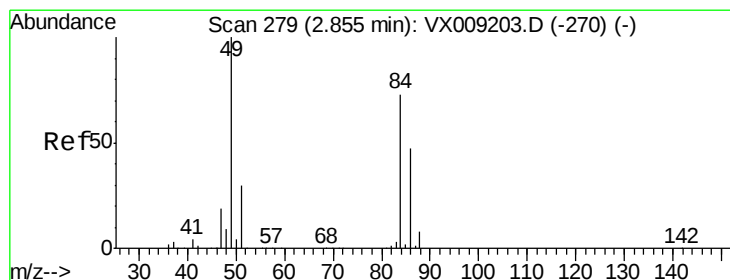
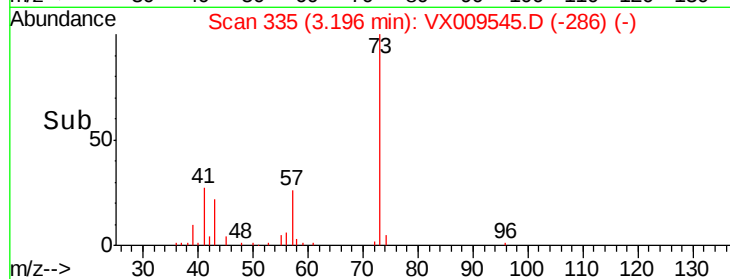
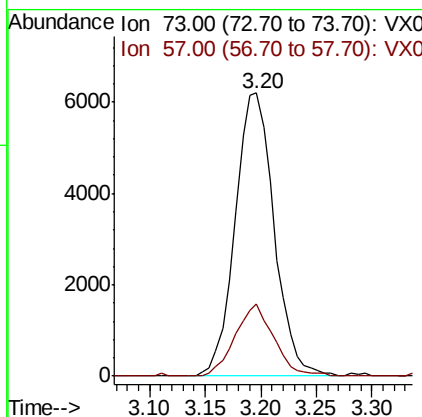
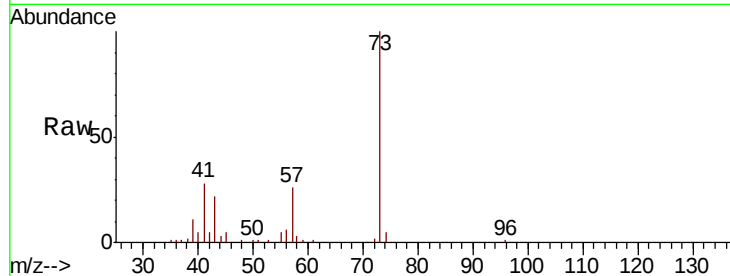




#19
Methvl tert-butvl Ether
Concen: 2.183 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

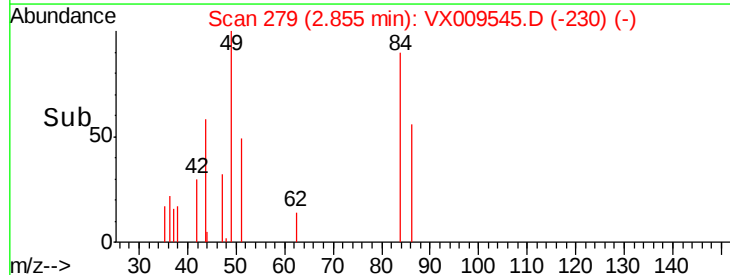
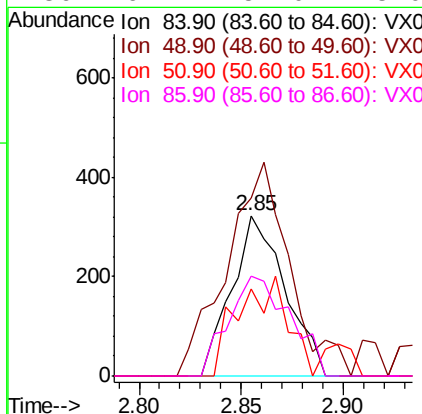
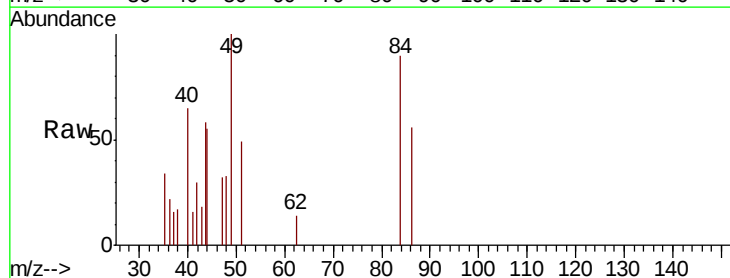
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

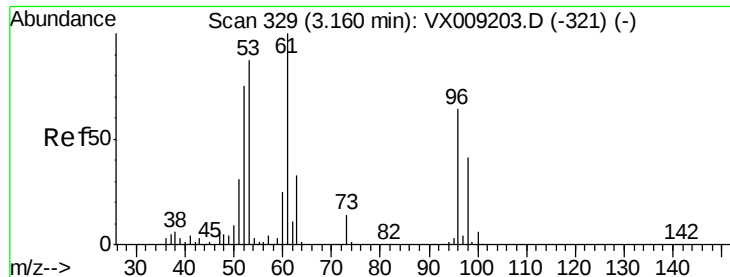
Tot Ion: 73 Resp: 15090
Ion Ratio Lower Upper
73 100
57 25.7 19.3 28.9



#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 84 Resp: 589
Ion Ratio Lower Upper
84 100
49 93.8 109.9 164.9#
51 54.5 32.7 49.1#
86 62.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 0.264 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-423-425

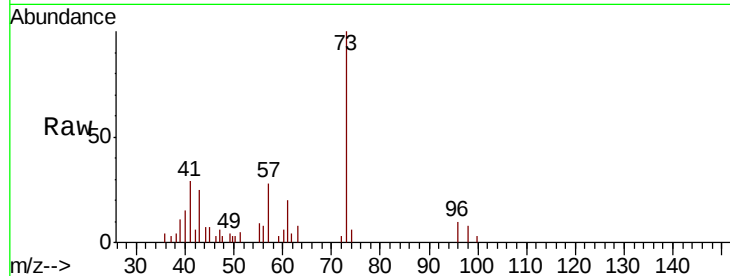
Tot Ion: 96 Resp: 510

Ion Ratio Lower Upper

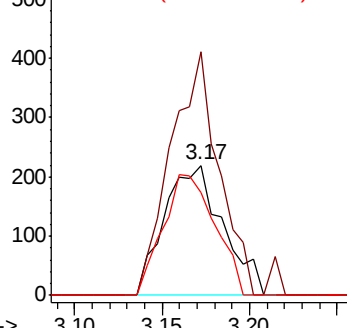
96 100

61 187.7 124.5 186.7#

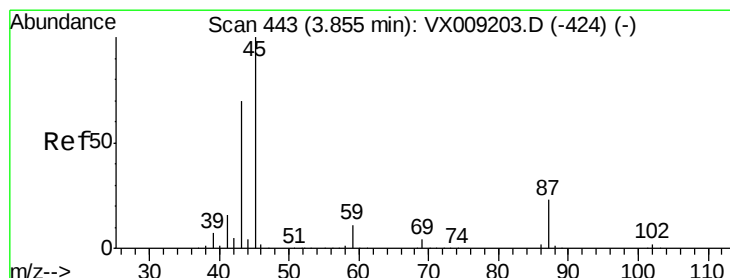
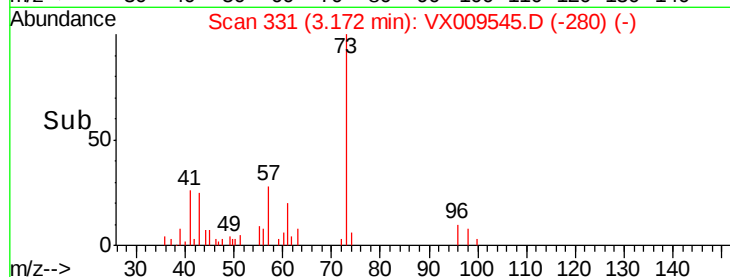
98 79.5 50.4 75.6#



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



Time-->



#22

Diisopropyl ether

Concen: 0.341 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Tgt Ion: 45 Resp: 2842

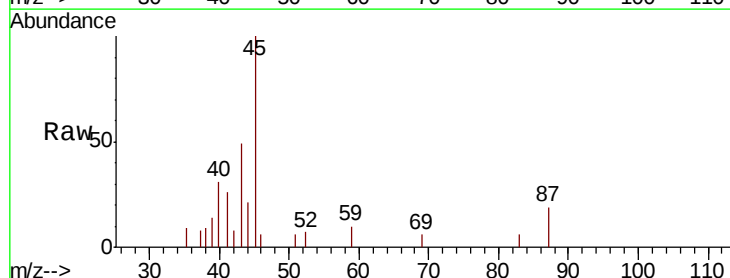
Ion Ratio Lower Upper

45 100

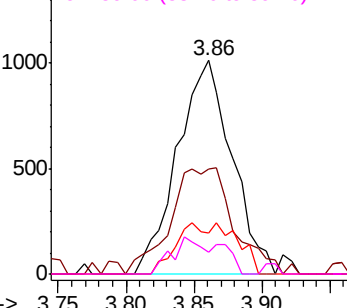
43 49.1 56.1 84.1#

87 19.3 18.1 27.1

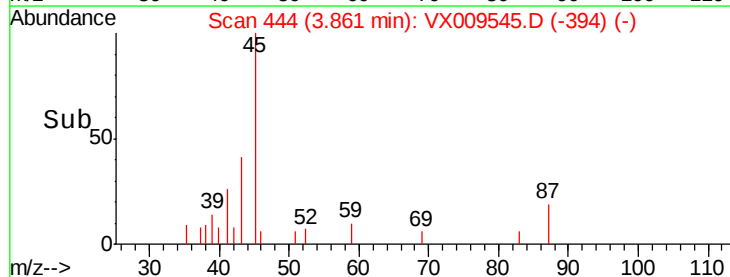
59 10.1 8.5 12.7

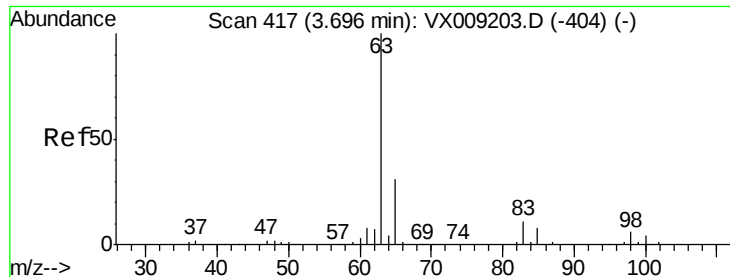


Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0



Time-->





#24

1,1-Dichloroethane

Concen: 1.793 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-423-425

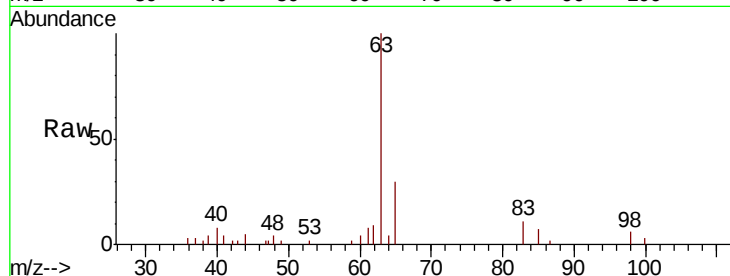
Tot Ion: 63 Resp: 7378

Ion Ratio Lower Upper

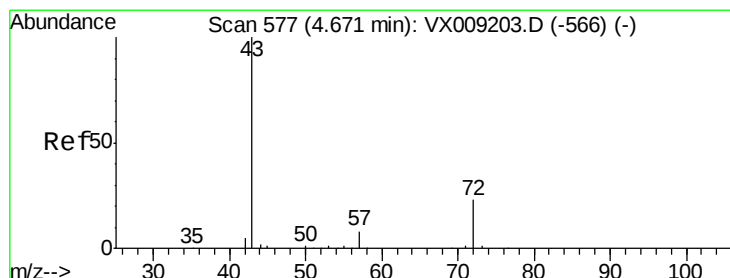
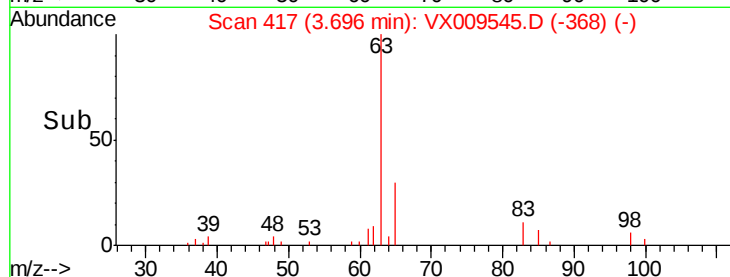
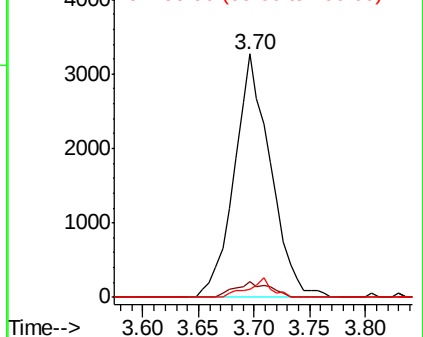
63 100

98 6.3 3.0 9.2

100 3.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.567 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX009545.D

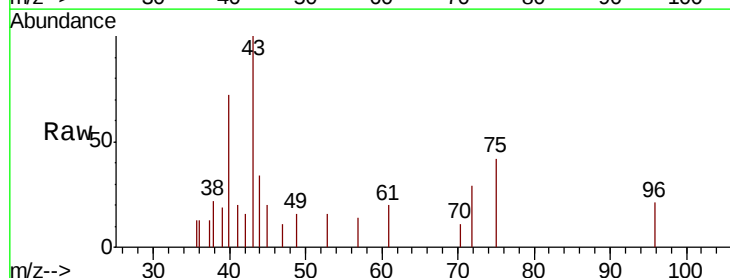
Acq: 13 May 2019 15:55

Tgt Ion: 43 Resp: 1226

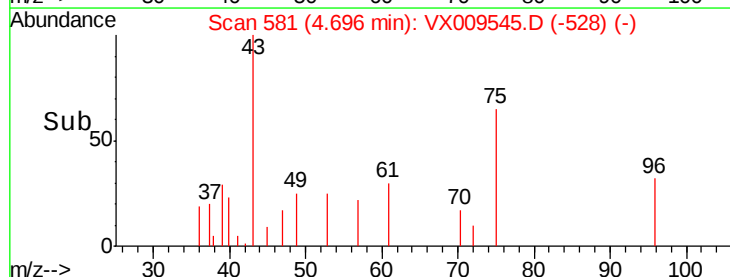
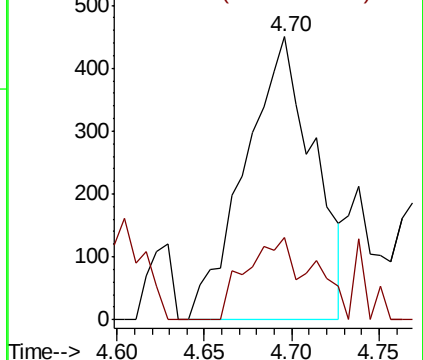
Ion Ratio Lower Upper

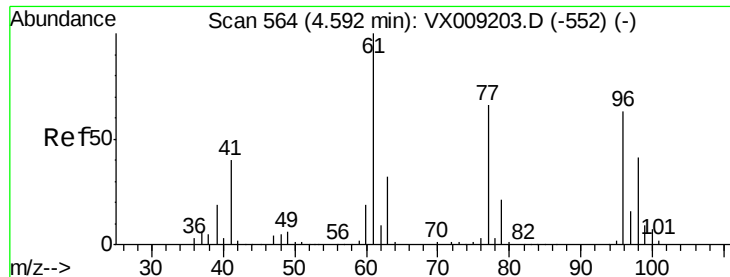
43 100

72 29.1 18.2 27.2#



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



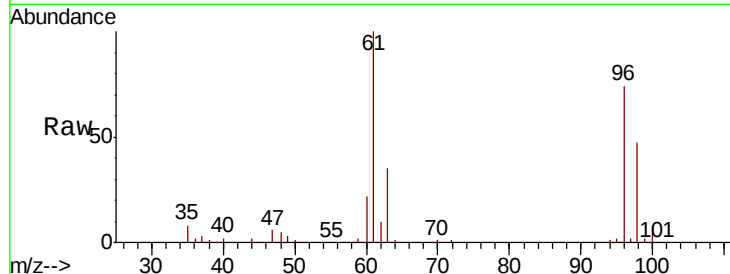


#27

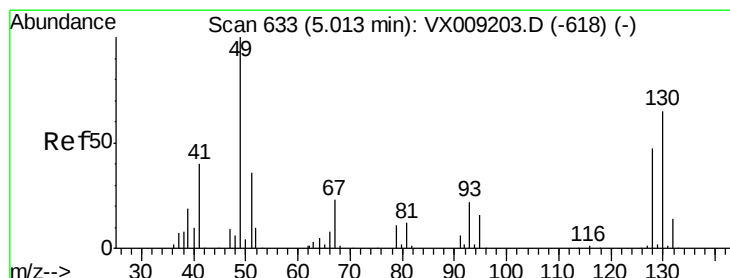
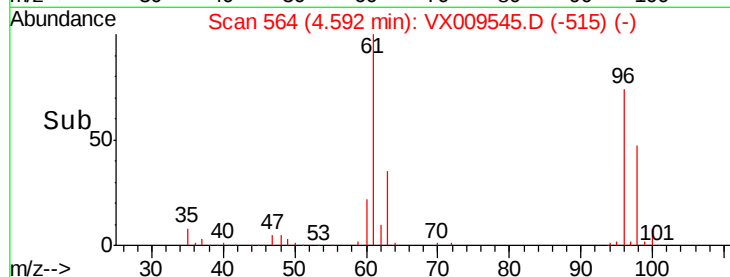
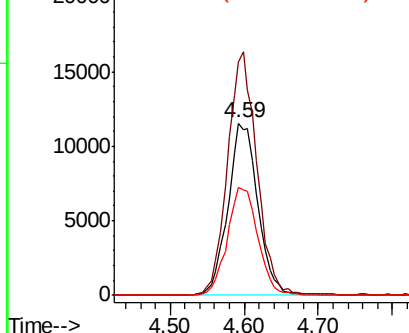
cis-1,2-Dichloroethene
Concen: 14.112 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tot Ion: 96 Resp: 32514
Ion Ratio Lower Upper
96 100
61 138.2 0.0 324.0
98 64.0 0.0 130.4



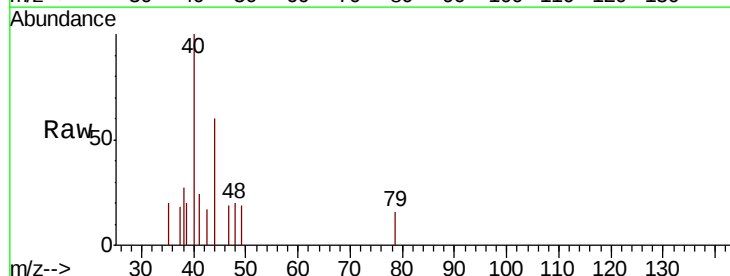
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



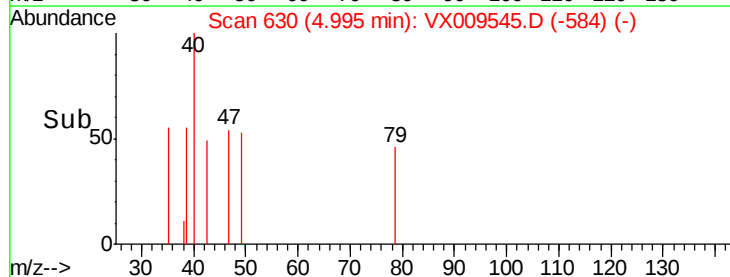
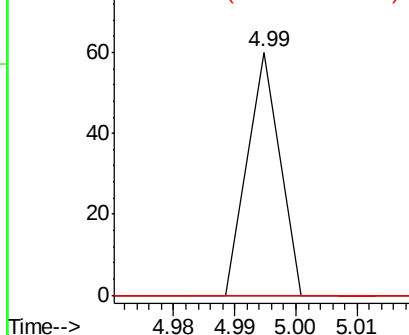
#28

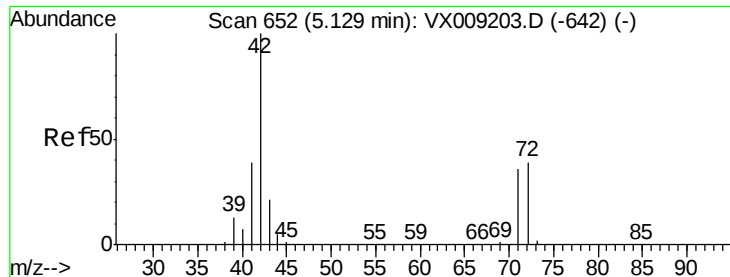
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 630
Delta R.T. -0.02 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 49 Resp: 22
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

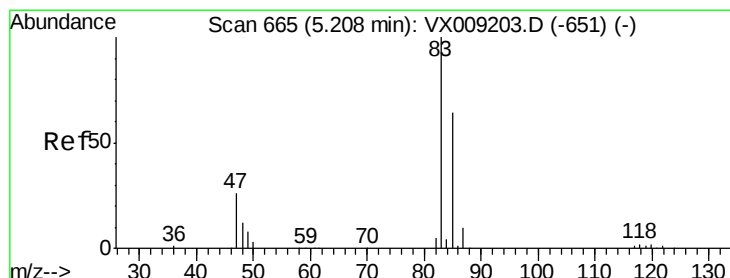
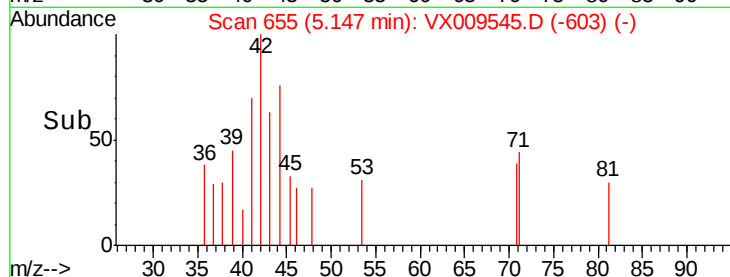
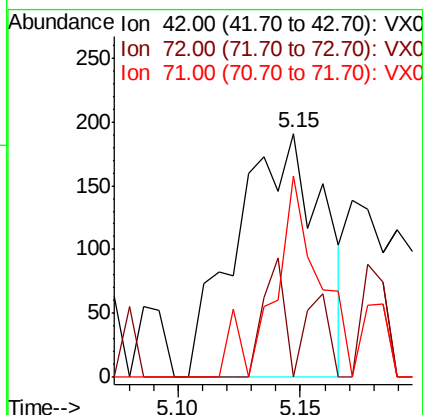
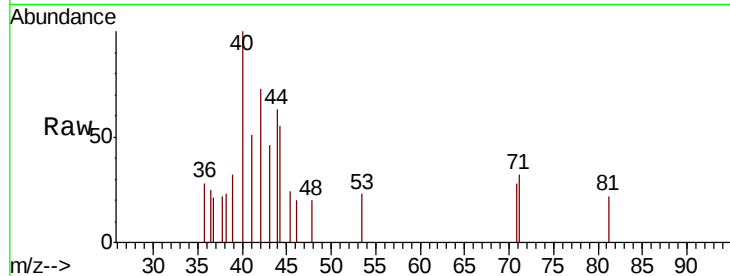




#29
Tetrahydrofuran
Concen: 0.335 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

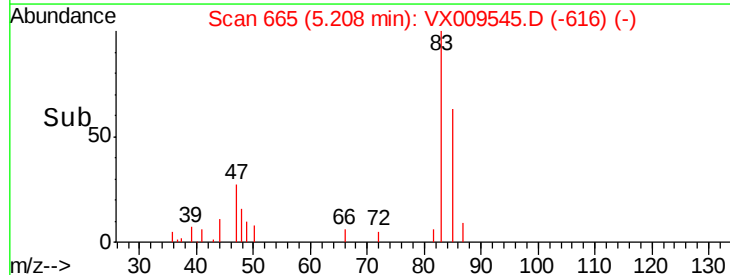
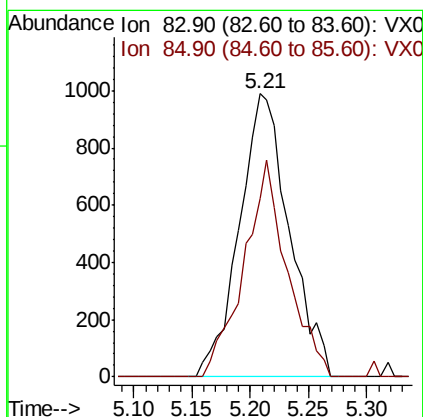
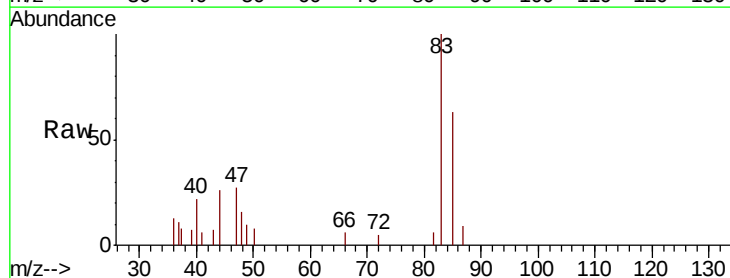
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

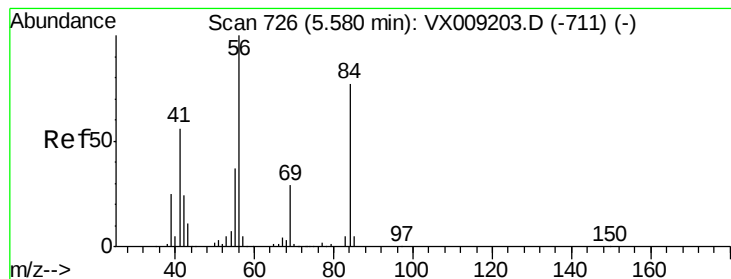
Tot Ion: 42 Resp: 466
Ion Ratio Lower Upper
42 100
72 12.2 30.4 45.6#
71 43.6 28.6 43.0#



#30
Chloroform
Concen: 0.793 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 83 Resp: 2950
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-423-425

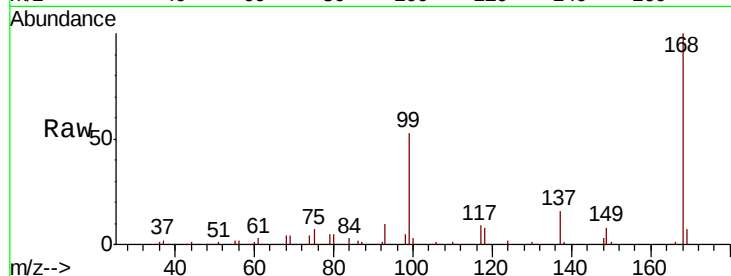
Tot Ion: 56 Resp: 4403

Ion Ratio Lower Upper

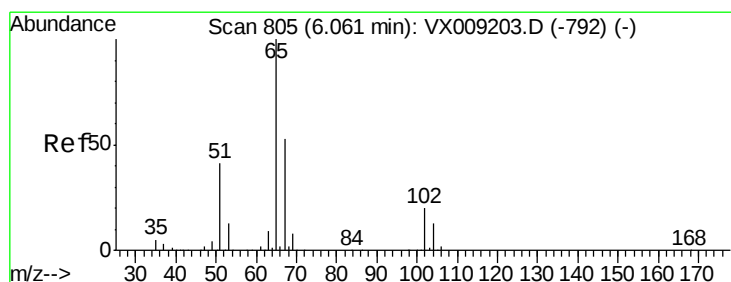
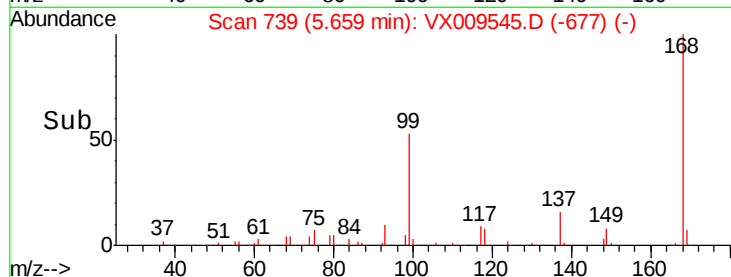
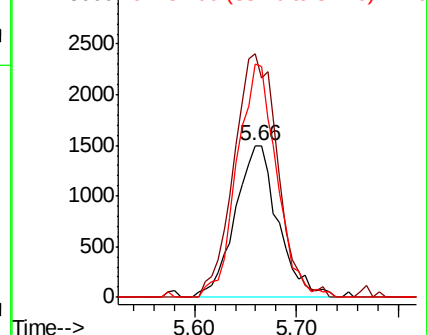
56 100

69 160.7 23.4 35.0#

84 153.9 61.9 92.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.594 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009545.D

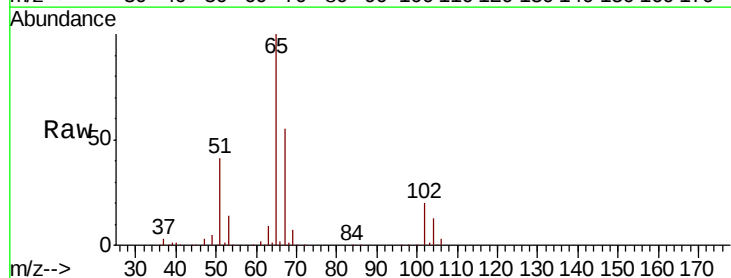
Acq: 13 May 2019 15:55

Tgt Ion: 65 Resp: 123242

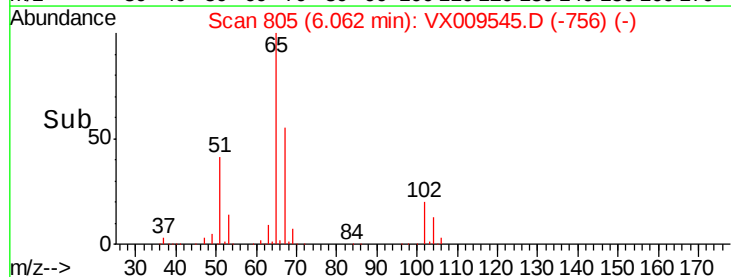
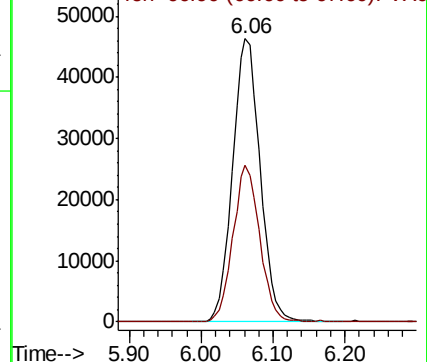
Ion Ratio Lower Upper

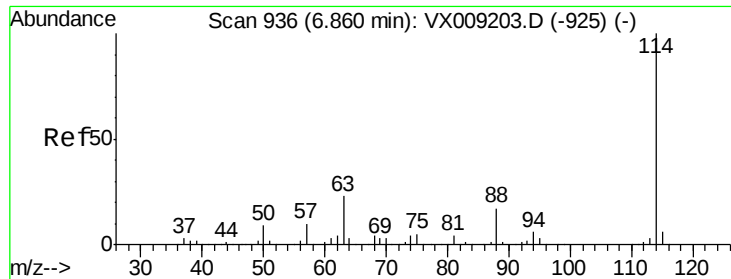
65 100

67 53.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

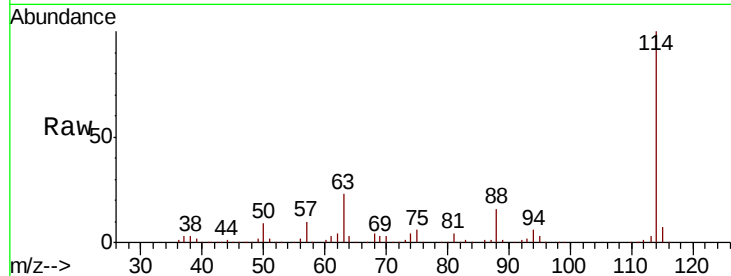




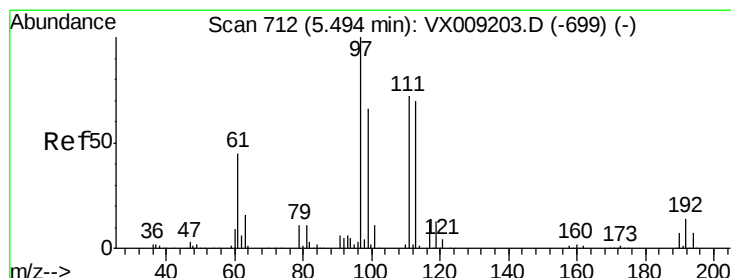
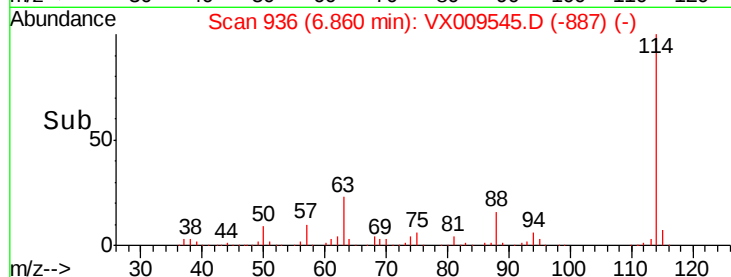
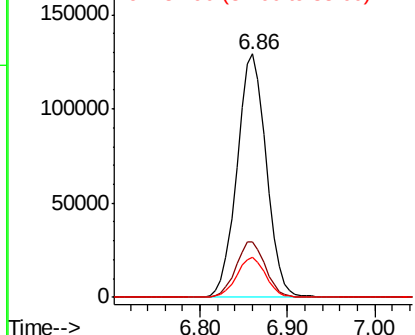
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009545.D
 Acq: 13 May 2019 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-423-425

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.5	0.0	33.2

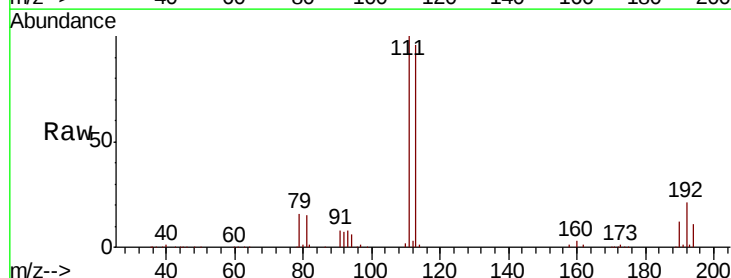


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

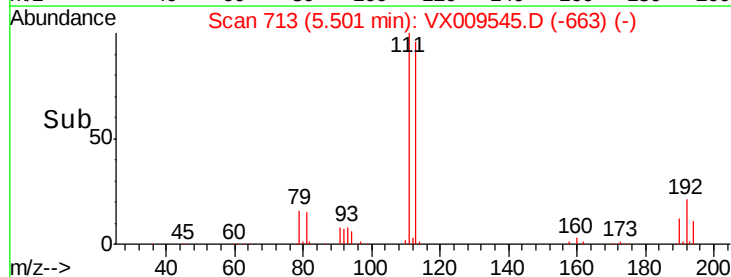
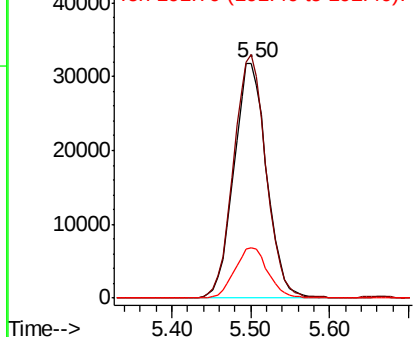


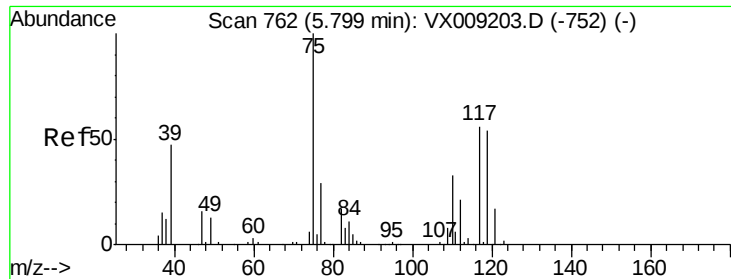
#35
 Dibromofluoromethane
 Concen: 48.651 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009545.D
 Acq: 13 May 2019 15:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	21.6	17.0	25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.176 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-423-425

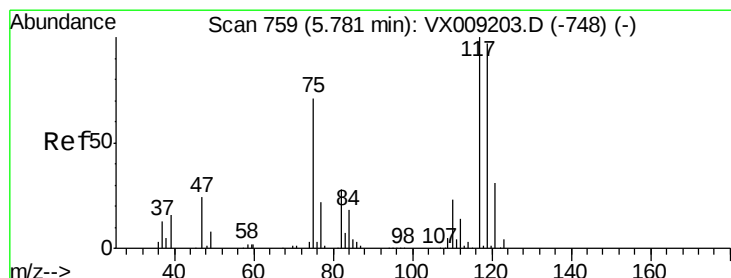
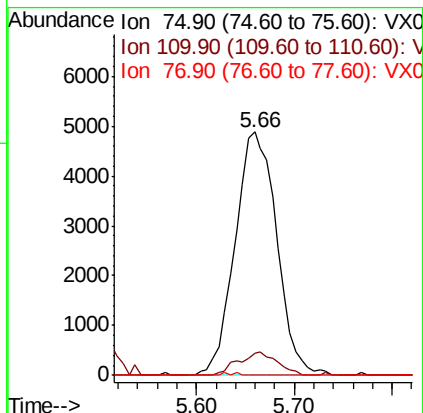
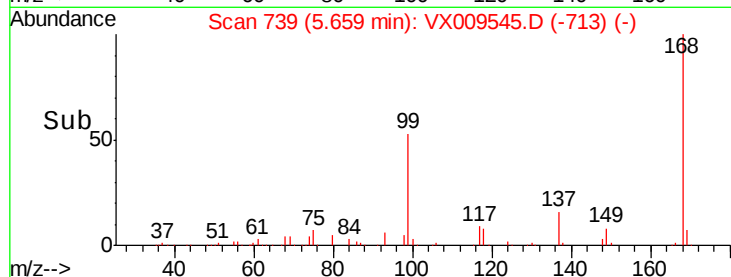
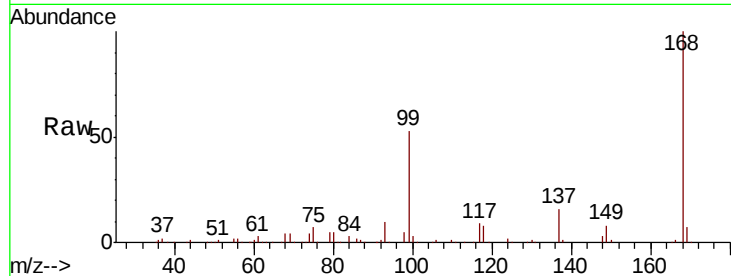
Tot Ion: 75 Resp: 14445

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.6#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.988 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

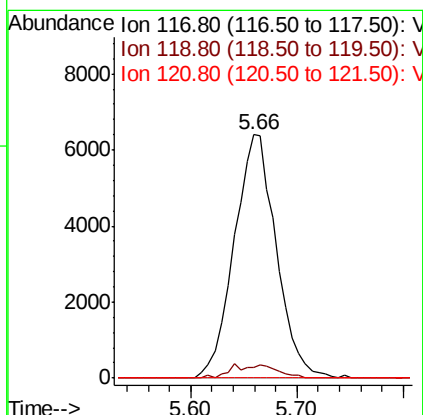
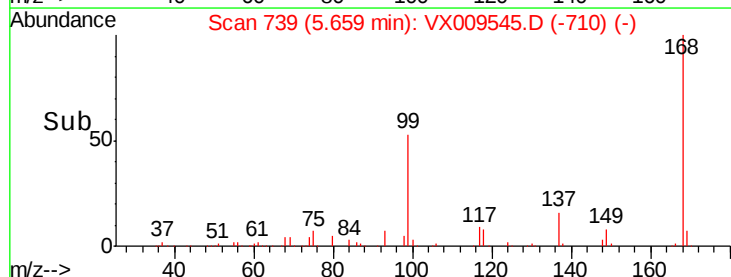
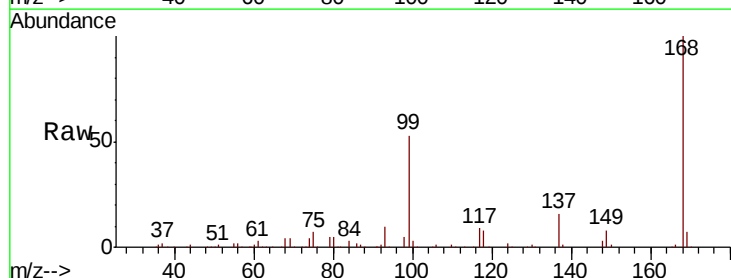
Tgt Ion: 117 Resp: 17719

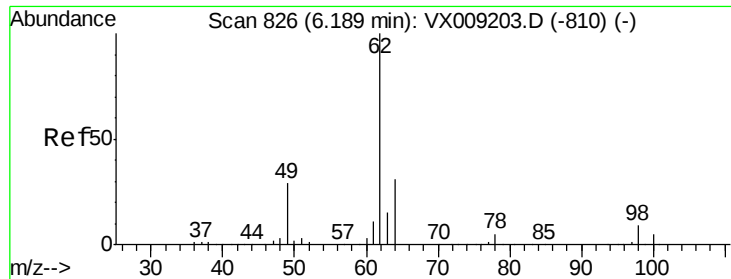
Ion Ratio Lower Upper

117 100

119 4.6 77.5 116.3#

121 0.0 24.7 37.1#





#42

1,2-Dichloroethane

Concen: 0.634 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

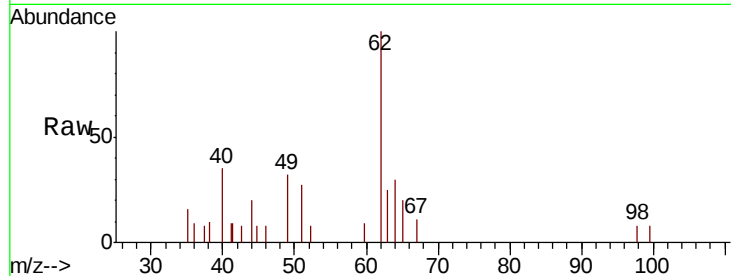
BP-VPB202-GW-423-425

Tot Ion: 62 Resp: 1963

Ion Ratio Lower Upper

62 100

98 5.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.20

800

600

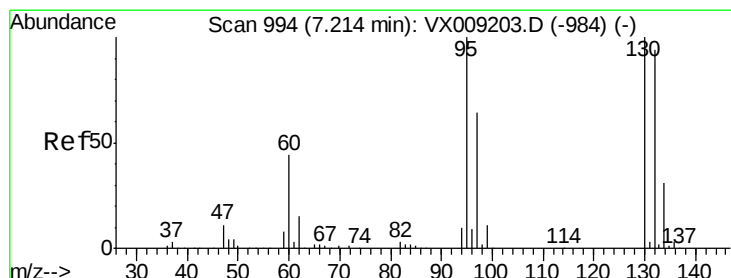
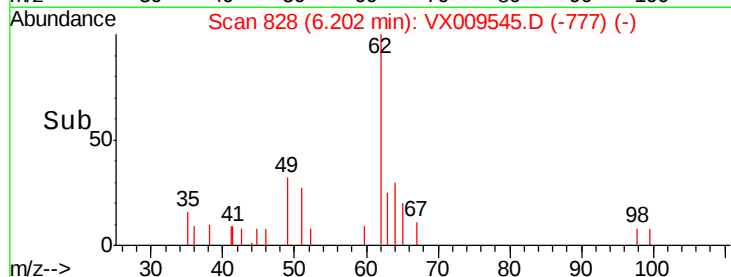
400

200

0

6.10 6.15 6.20 6.25

Time-->



#44

Trichloroethene

Concen: 7.566 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009545.D

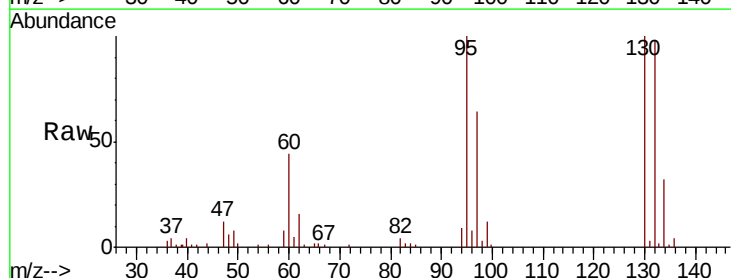
Acq: 13 May 2019 15:55

Tgt Ion:130 Resp: 15798

Ion Ratio Lower Upper

130 100

95 100.4 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

8000

6000

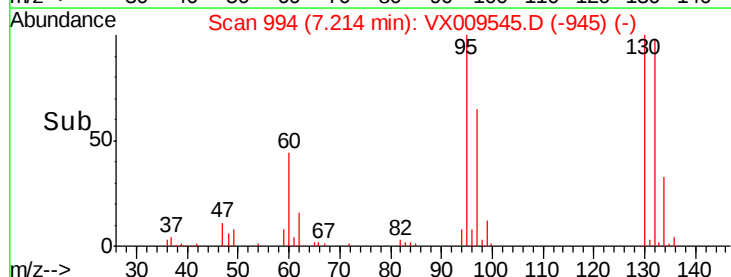
4000

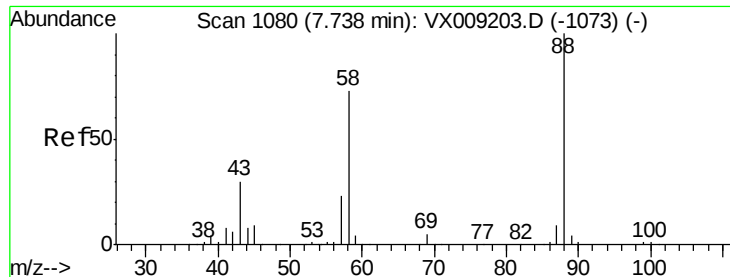
2000

0

7.15 7.20 7.25 7.30

Time-->

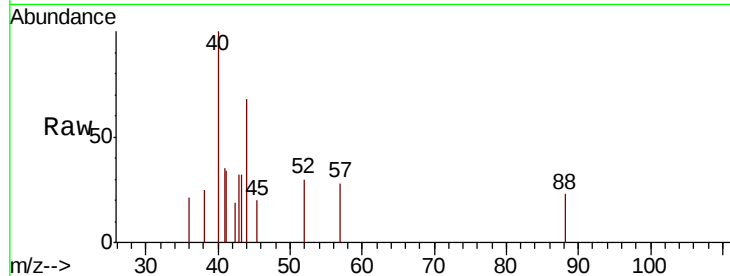




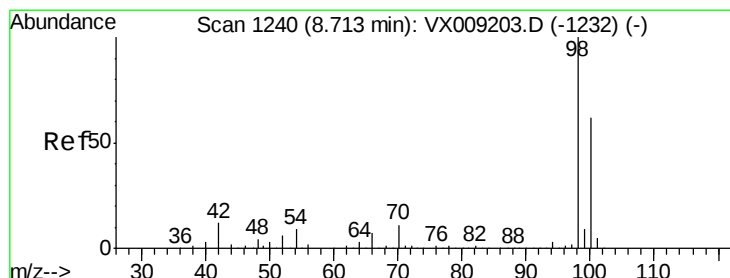
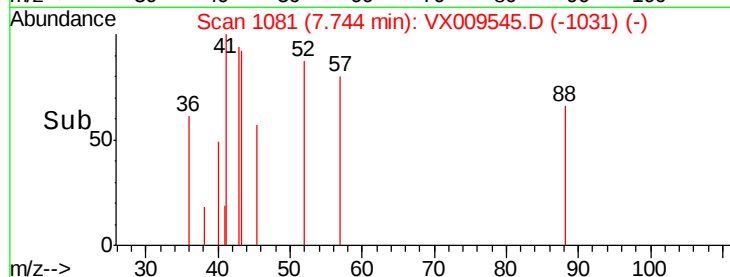
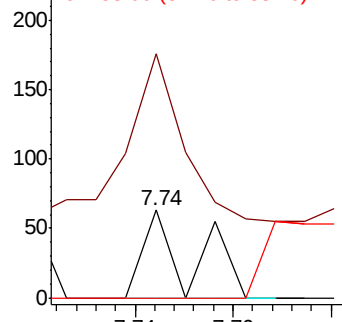
#49
1,4-Dioxane
Concen: 0.687 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tot Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 290.7 28.6 42.8#
58 0.0 61.7 92.5#

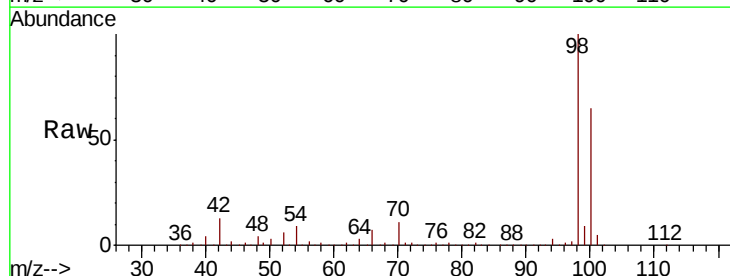


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

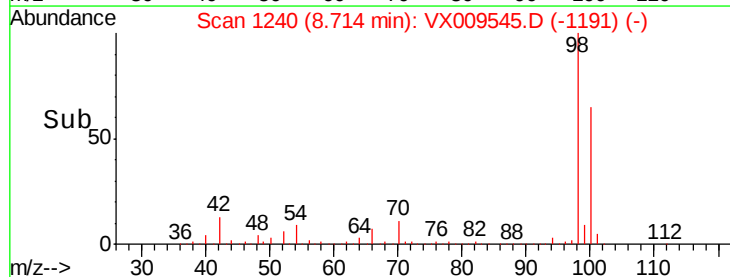
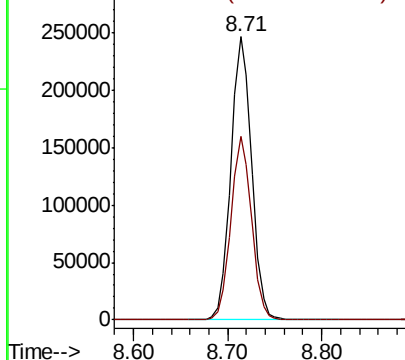


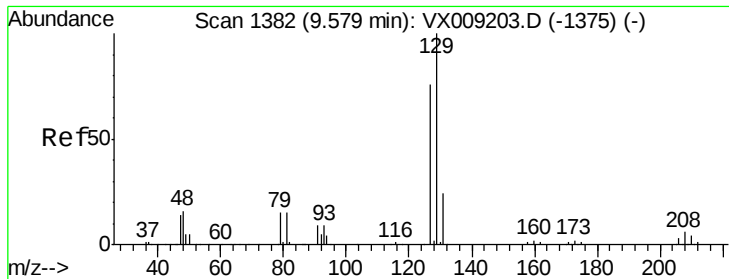
#50
Toluene-d8
Concen: 49.433 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 98 Resp: 376793
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#60

Dibromochloromethane

Concen: 7.557 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

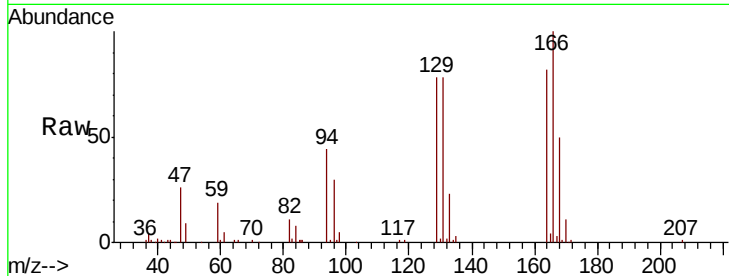
BP-VPB202-GW-423-425

Tot Ion:129 Resp: 15810

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

12000

10000

8000

6000

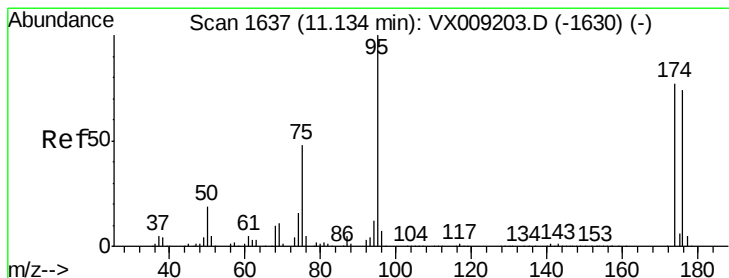
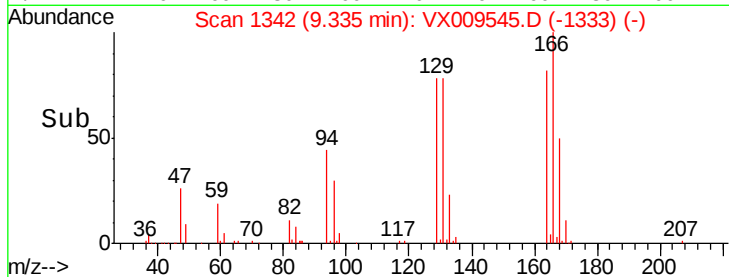
4000

2000

0

Time-->

9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 43.825 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

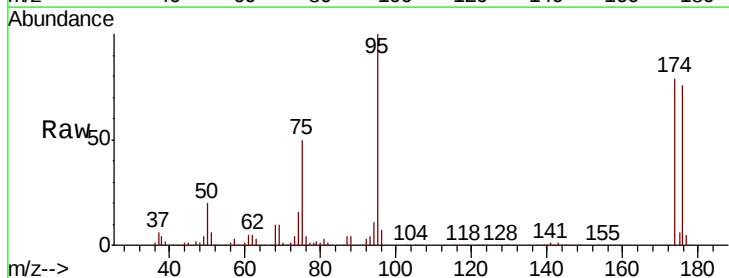
Tgt Ion: 95 Resp: 121379

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

176 80.6 0.0 159.2



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

11.13

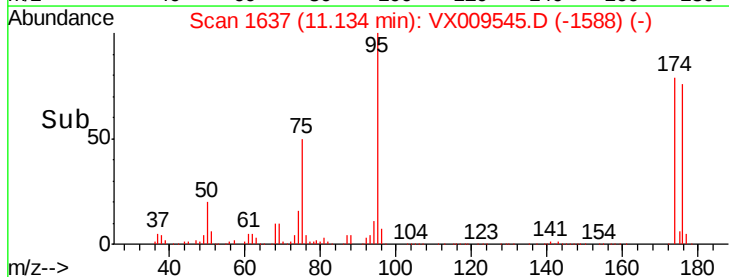
100000

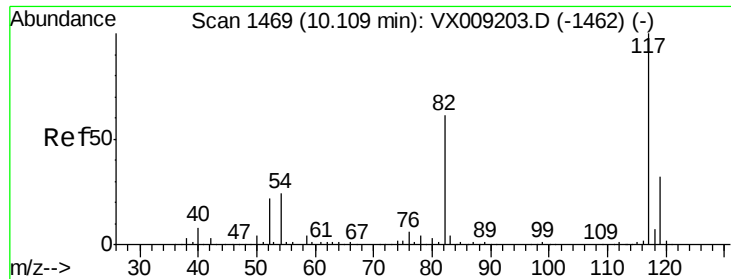
50000

0

Time-->

11.10 11.20

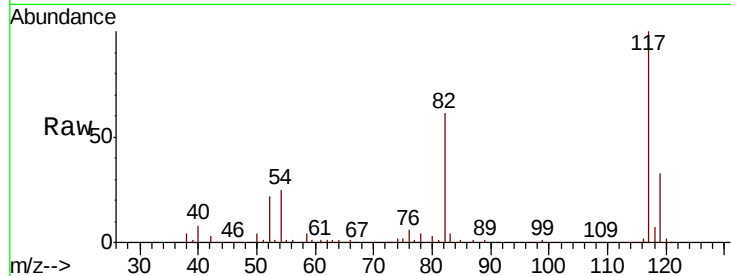




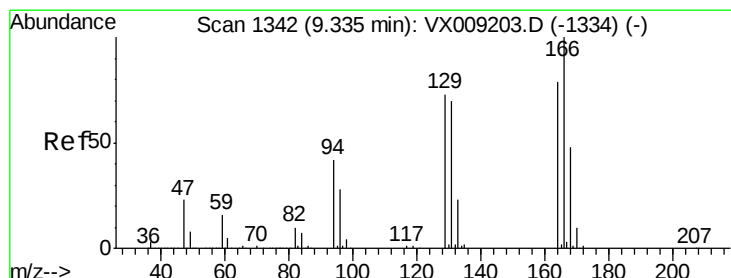
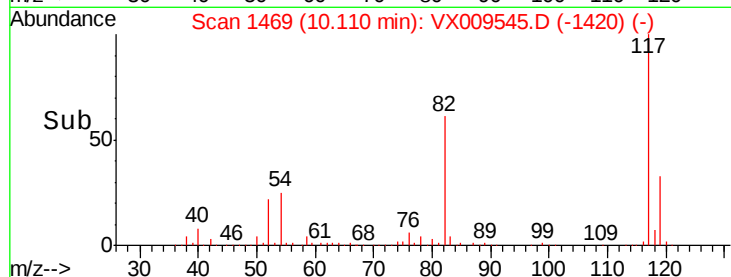
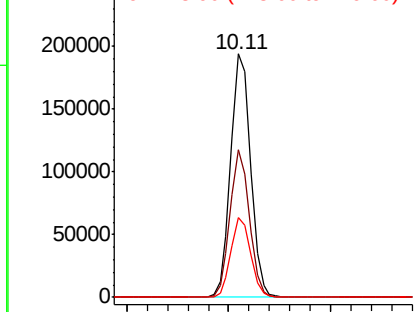
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tot Ion:117 Resp: 261840
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 32.6 25.8 38.6

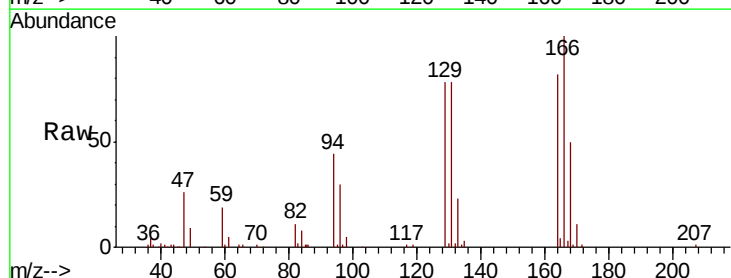


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

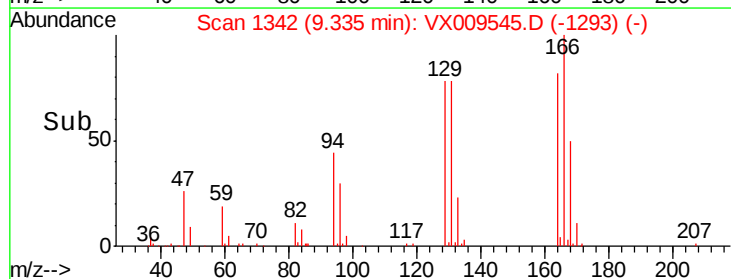
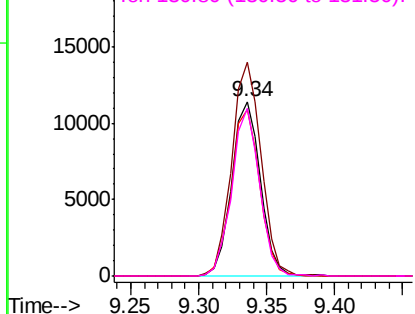


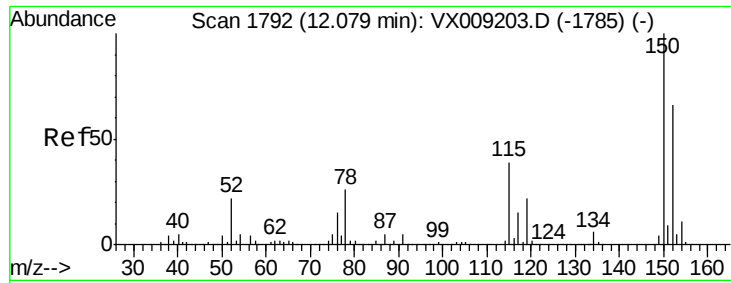
#64
Tetrachloroethene
Concen: 9.322 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion:164 Resp: 16743
Ion Ratio Lower Upper
164 100
166 122.5 101.2 151.8
129 95.4 74.3 111.5
131 95.9 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-423-425

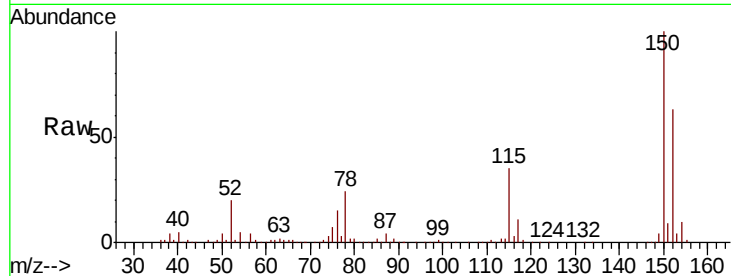
Tot Ion:152 Resp: 107909

Ion Ratio Lower Upper

152 100

115 58.3 41.2 123.6

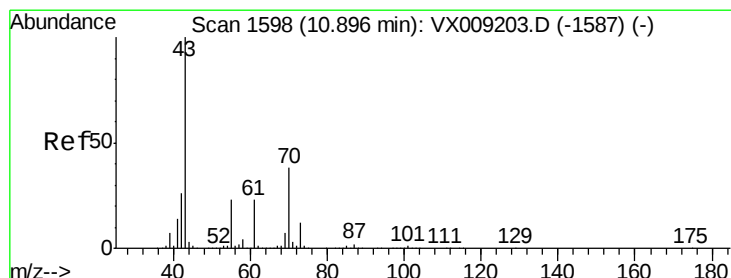
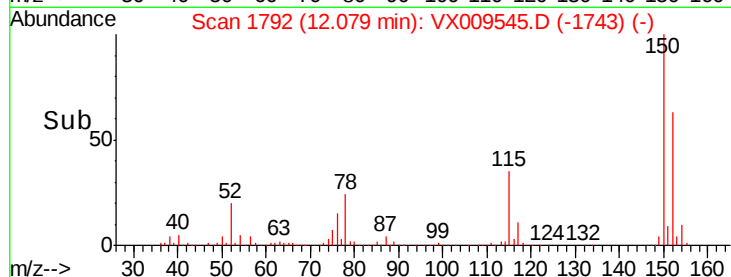
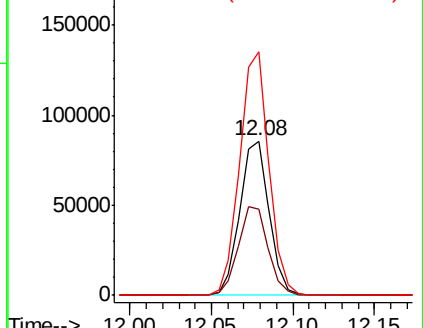
150 157.0 0.0 346.4



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



#74

N-ethyl acetate

Concen: 0.293 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Tgt Ion: 43 Resp: 1342

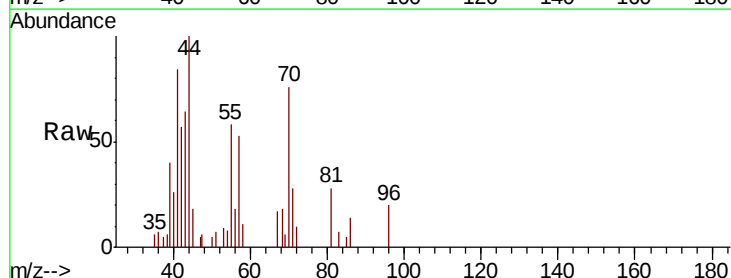
Ion Ratio Lower Upper

43 100

70 87.0 30.0 45.0#

55 71.1 17.9 26.9#

61 0.0 18.4 27.6#

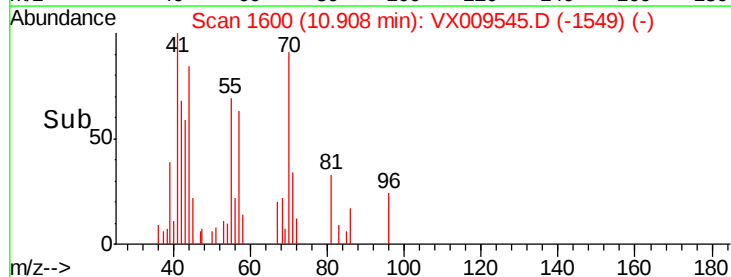
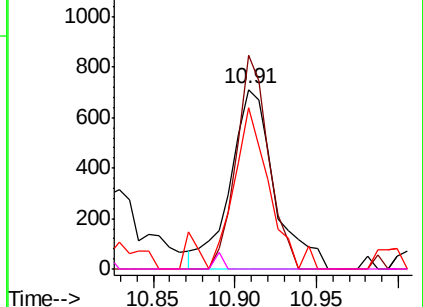


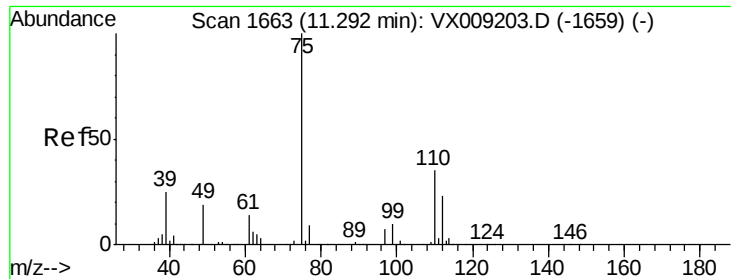
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 24.816 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

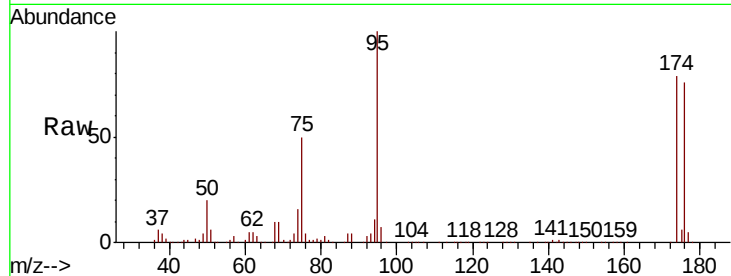
BP-VPB202-GW-423-425

Tot Ion: 75 Resp: 62116

Ion Ratio Lower Upper

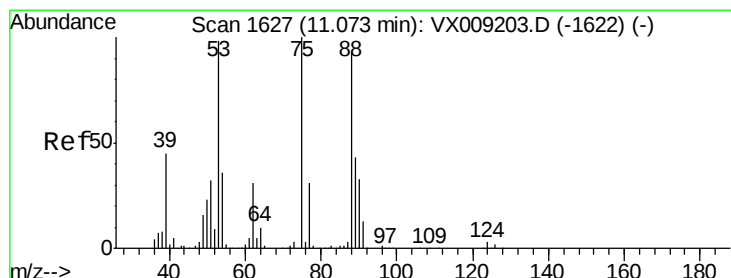
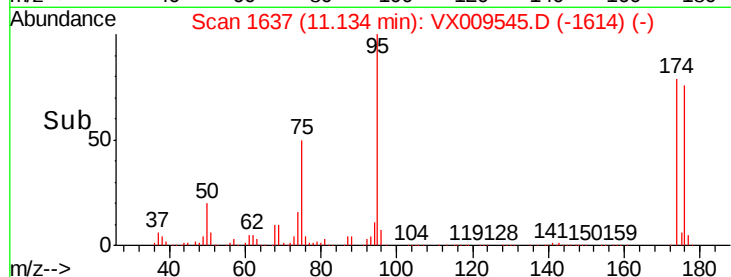
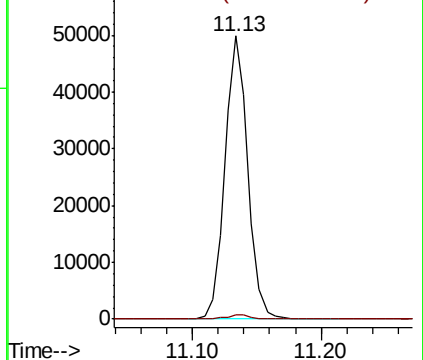
75 100

77 1.6 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 63.494 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009545.D

Acq: 13 May 2019 15:55

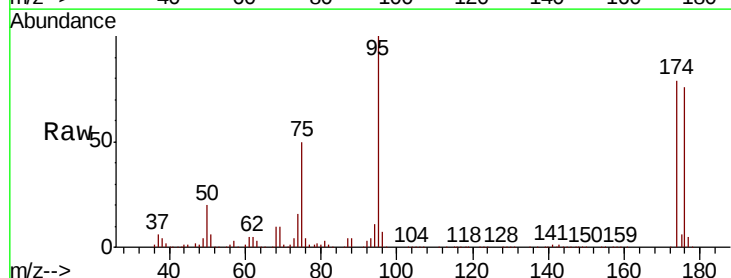
Tgt Ion: 75 Resp: 62116

Ion Ratio Lower Upper

75 100

53 0.2 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

