

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009518.D
 Acq On : 11 May 2019 12:24
 Operator : JC/SP
 Sample : K2786-13
 Misc : 5.03g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-258-260

Quant Time: May 12 01:57:35 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	181390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116751	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	116410	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
35) Dibromofluoromethane	5.49	113	83727	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	8.71	98	355175	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.14	95	118681	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	

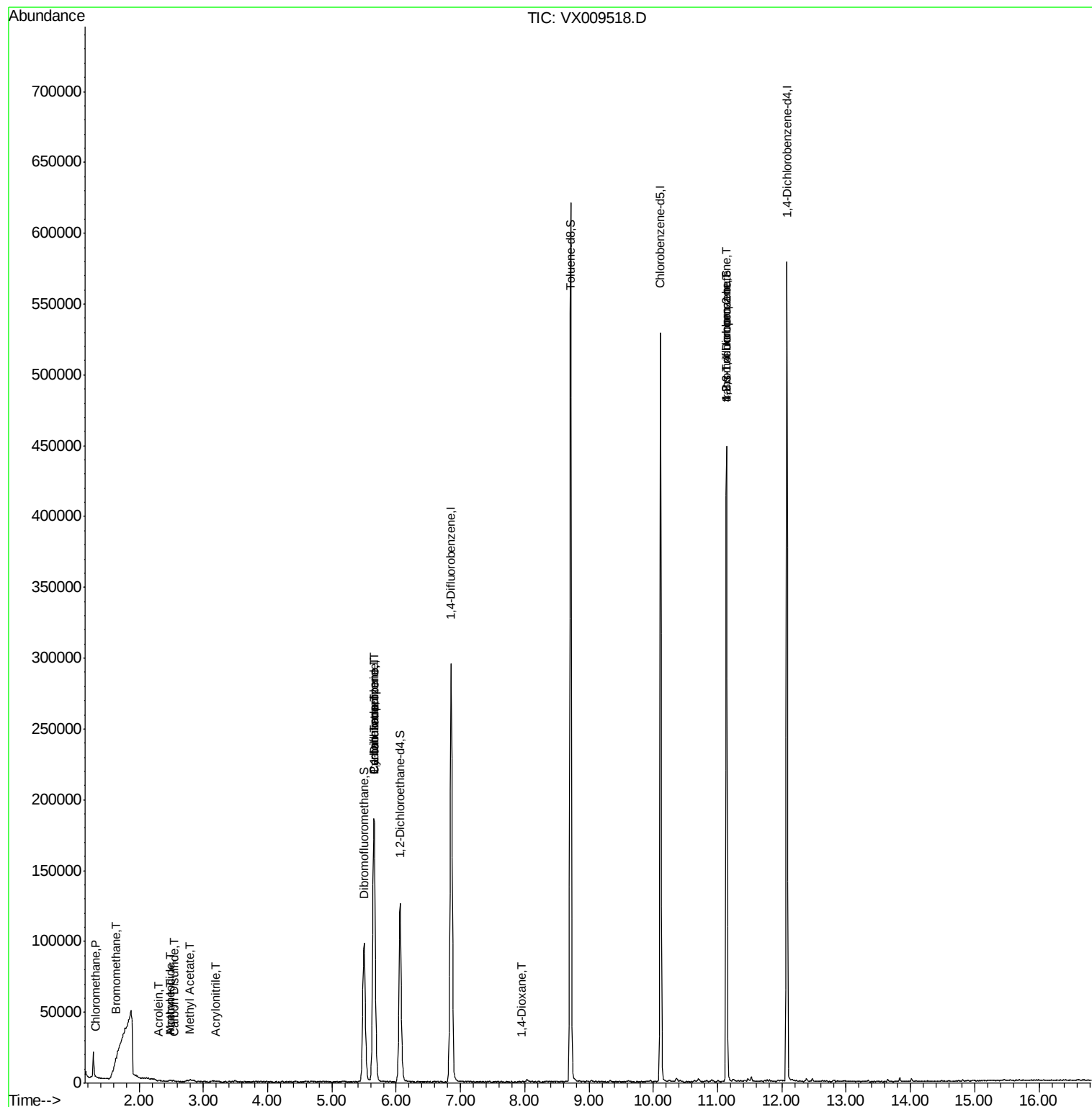
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	485	0.213	ug/l #	75
5) Bromomethane	1.64	94	1140	0.854	ug/l	98
10) Methyl Iodide	2.48	142	649	4.892	ug/l #	89
13) Acrolein	2.31	56	244	0.470	ug/l	92
15) Acrylonitrile	3.18	53	495	0.353	ug/l #	95
16) Acetone	2.49	43	913	0.687	ug/l #	88
17) Carbon Disulfide	2.54	76	985	0.206	ug/l #	91
18) Methyl Acetate	2.79	43	2758	0.872	ug/l	97
28) Bromochloromethane	5.01	49	131	Below Cal	#	20
31) Cyclohexane	5.66	56	3721	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	13714	5.133	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17757	7.315	ug/l #	14
49) 1,4-Dioxane	7.95	88	46	0.768	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	61067	22.549	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	61067	57.695	ug/l #	11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051119\
Data File : VX009518.D
Acq On : 11 May 2019 12:24
Operator : JC/SP
Sample : K2786-13
Misc : 5.03g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-258-260

Quant Time: May 12 01:57:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

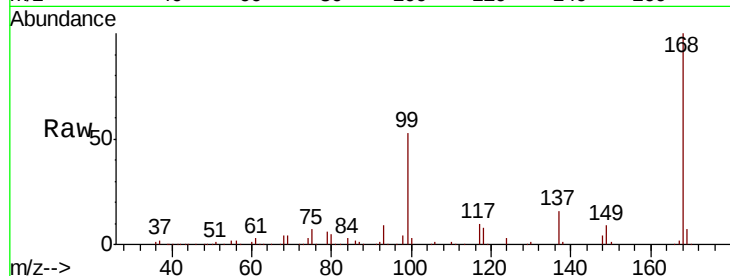
BP-VPB202-GW-258-260

Tot Ion:168 Resp: 181390

Ion Ratio Lower Upper

168 100

99 53.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009203.D (-726) (-)

5.66

60000

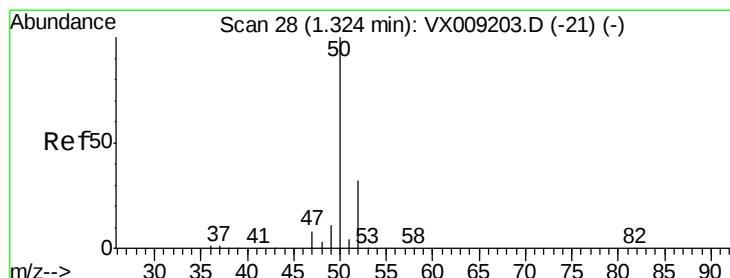
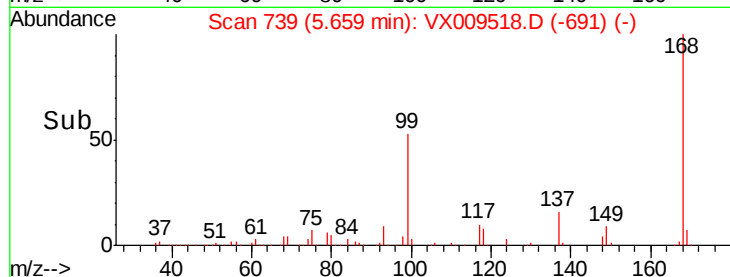
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009518.D

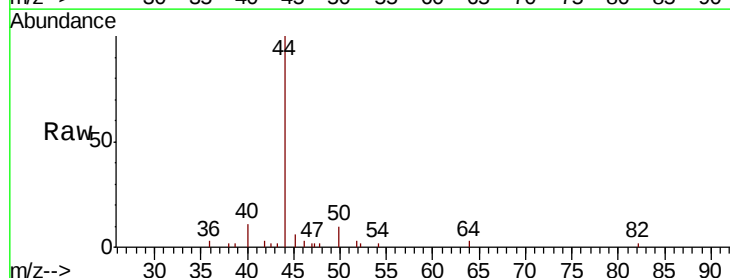
Acq: 11 May 2019 12:24

Tgt Ion: 50 Resp: 485

Ion Ratio Lower Upper

50 100

52 46.5 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX009203.D (-21) (-)

Ion 51.90 (51.60 to 52.60): VX009203.D (-21) (-)

1.32

300

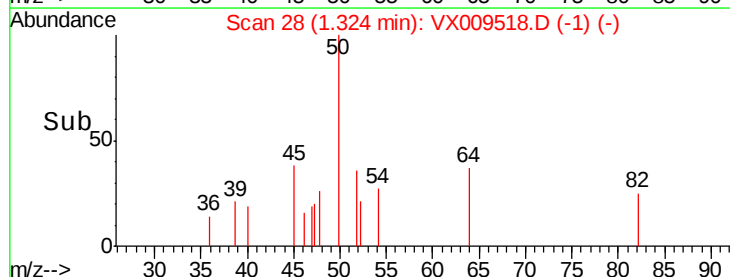
200

100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.854 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

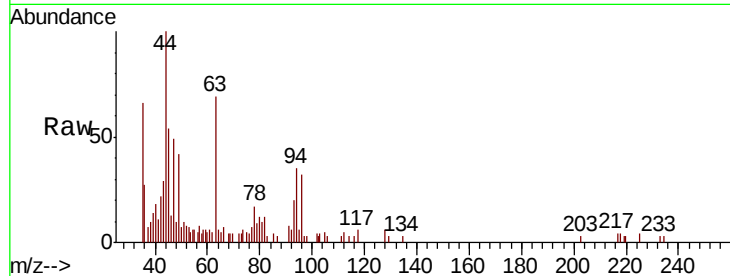
BP-VPB202-GW-258-260

Tot Ion: 94 Resp: 1140

Ion Ratio Lower Upper

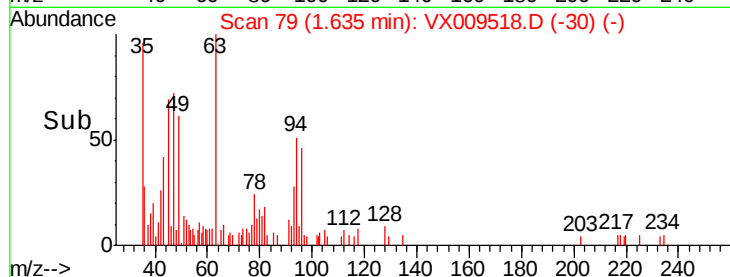
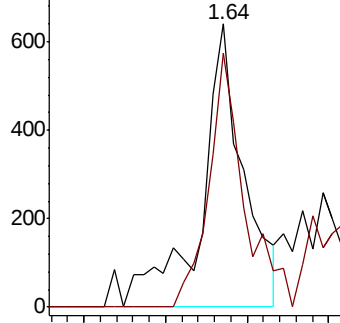
94 100

96 89.8 73.0 109.6

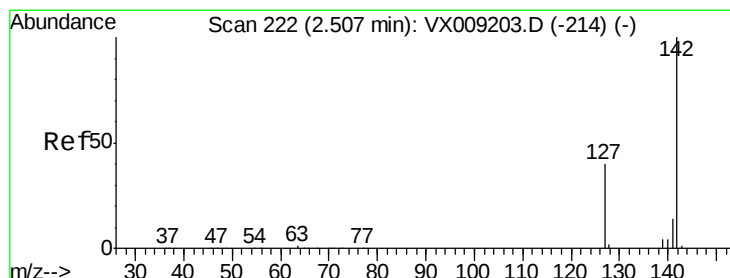


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 4.892 ug/l

RT: 2.48 min Scan# 218

Delta R.T. -0.02 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

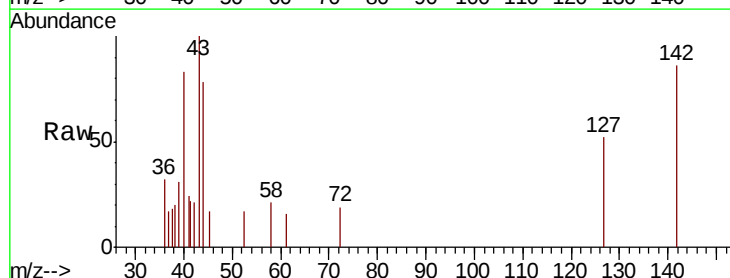
Tgt Ion: 142 Resp: 649

Ion Ratio Lower Upper

142 100

127 39.4 32.7 49.1

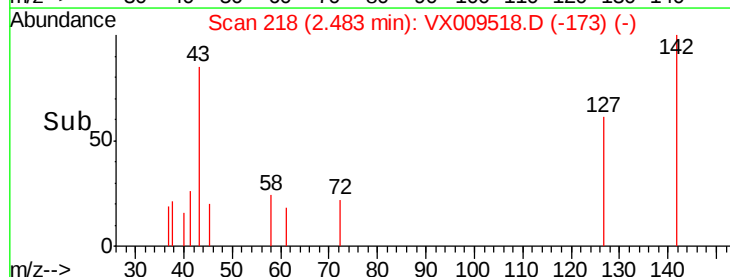
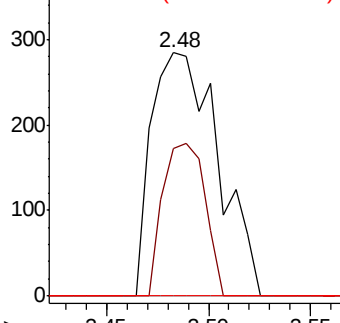
141 0.0 11.5 17.3#



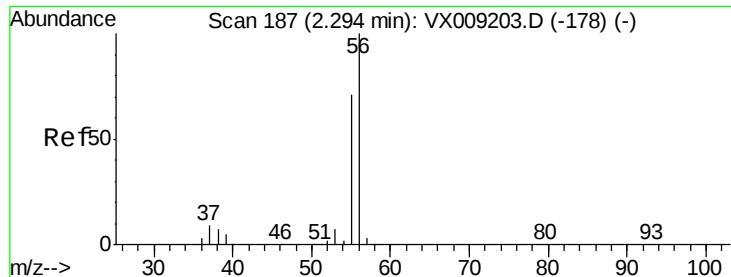
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



#13

Acrolein

Concen: 0.470 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

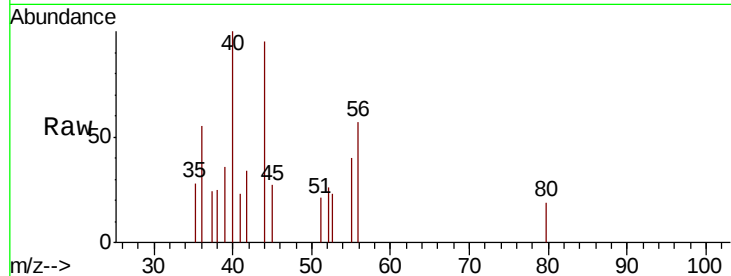
BP-VPB202-GW-258-260

Tot Ion: 56 Resp: 244

Ion Ratio Lower Upper

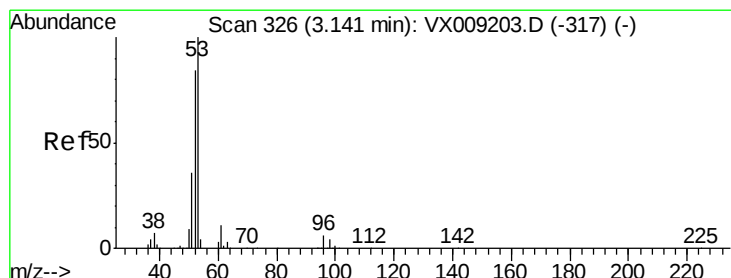
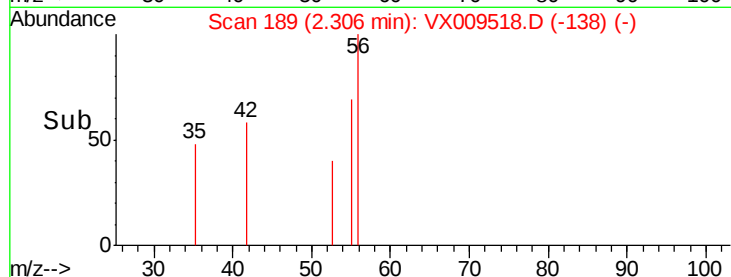
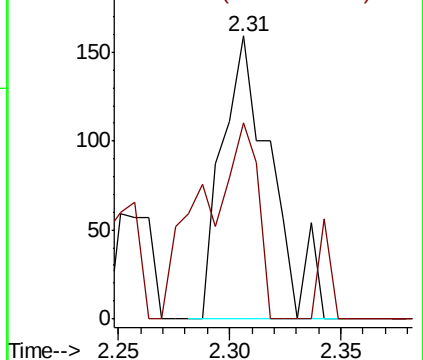
56 100

55 77.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.353 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

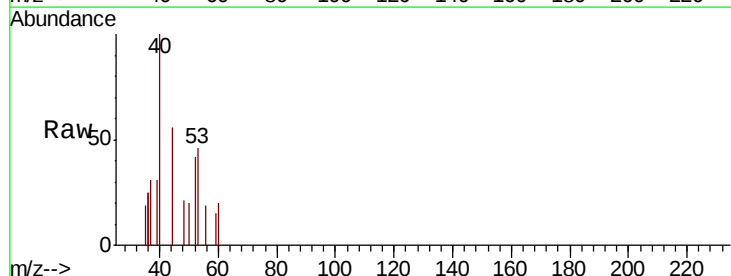
Tgt Ion: 53 Resp: 495

Ion Ratio Lower Upper

53 100

52 82.0 66.9 100.3

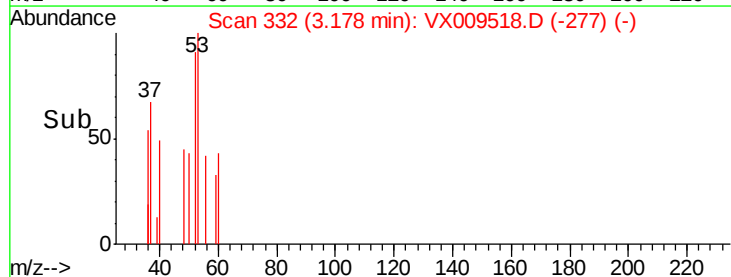
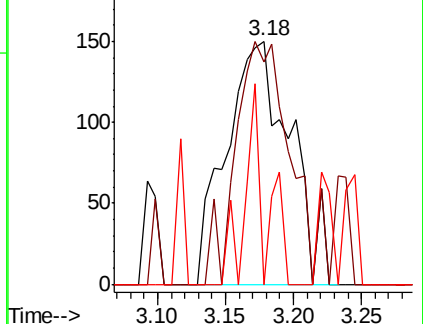
51 26.9 28.2 42.2#

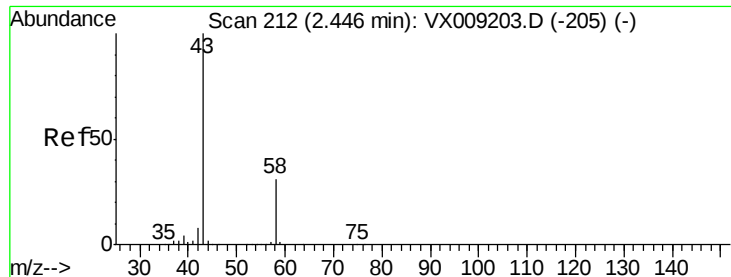


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.687 ug/l

RT: 2.49 min Scan# 219

Delta R.T. 0.04 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

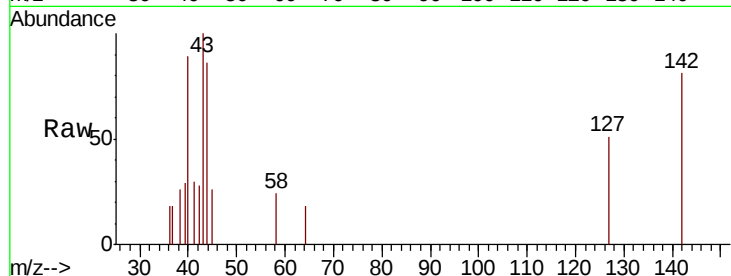
BP-VPB202-GW-258-260

Tot Ion: 43 Resp: 913

Ion Ratio Lower Upper

43 100

58 24.3 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.49

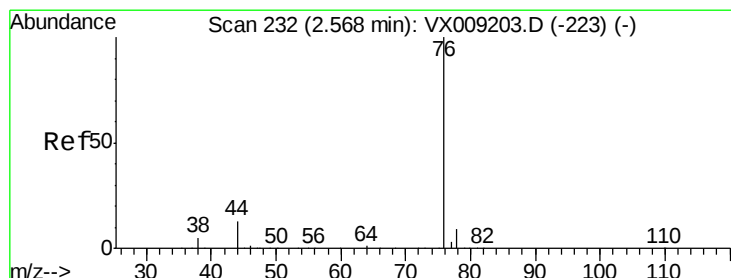
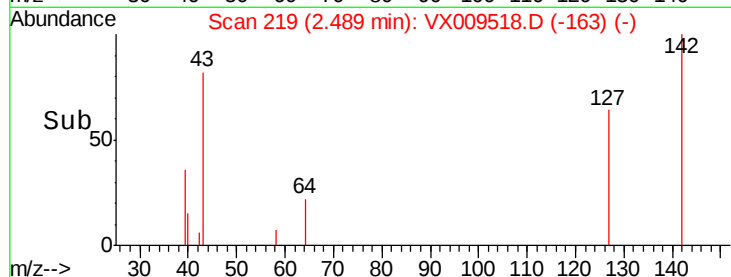
300

200

100

0

Time--> 2.40 2.45 2.50 2.55



#17

Carbon Disulfide

Concen: 0.206 ug/l

RT: 2.54 min Scan# 227

Delta R.T. -0.03 min

Lab File: VX009518.D

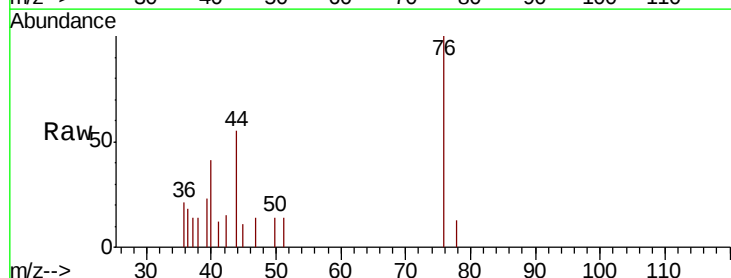
Acq: 11 May 2019 12:24

Tgt Ion: 76 Resp: 985

Ion Ratio Lower Upper

76 100

78 12.6 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

600

500

400

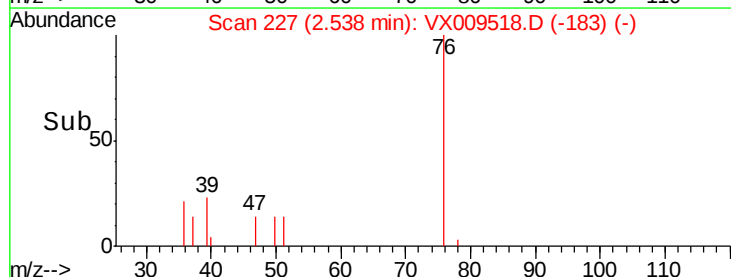
300

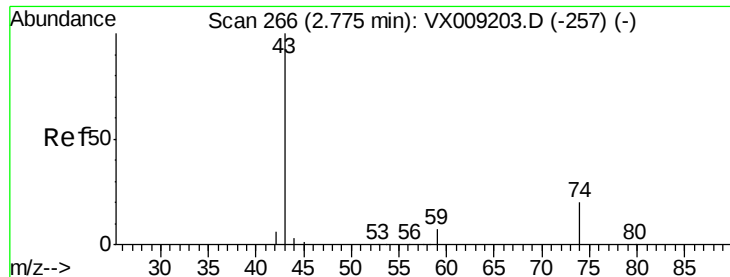
200

100

0

Time--> 2.50 2.55 2.60

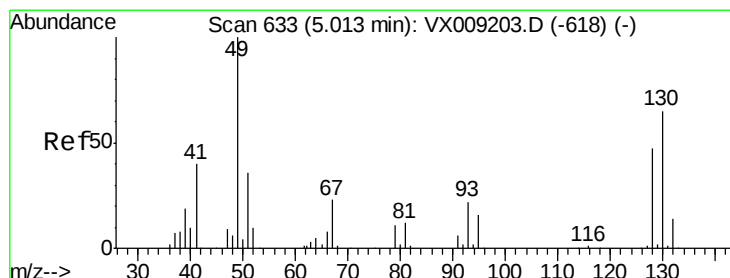
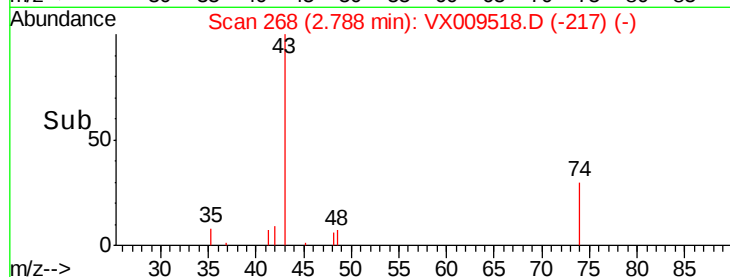
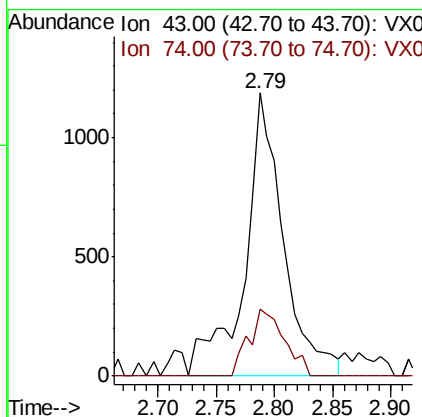
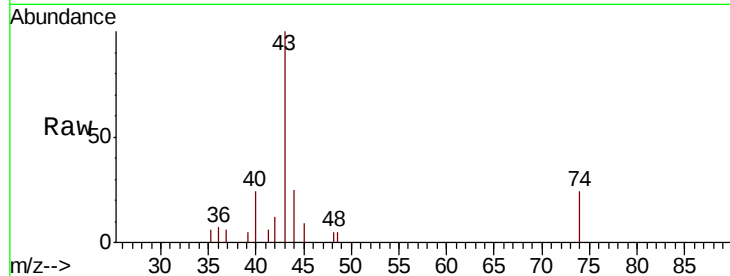




#18
Methyl Acetate
Concen: 0.872 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX009518.D
Acq: 11 May 2019 12:24

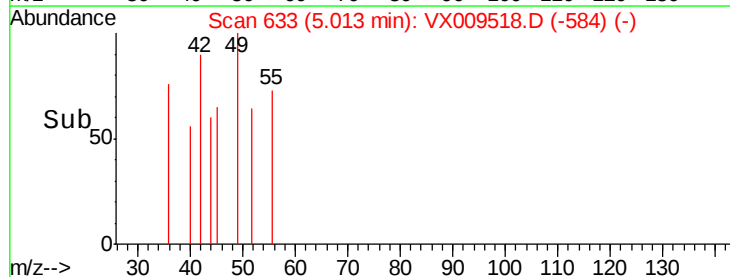
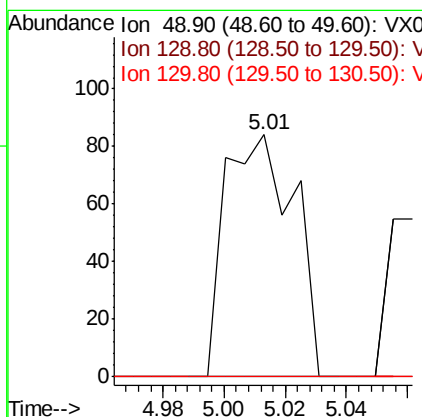
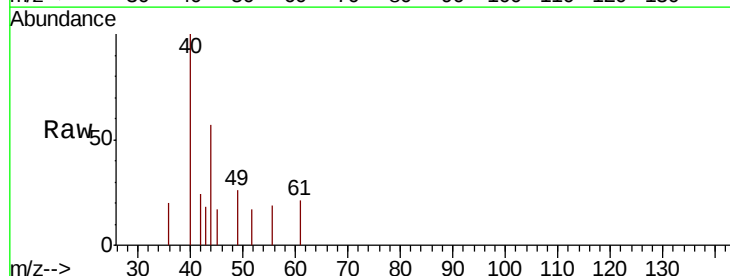
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-258-260

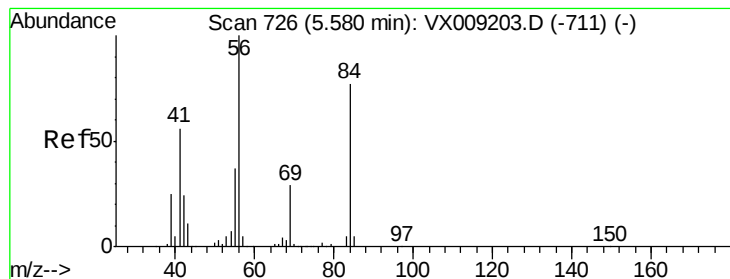
Tot Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
74 21.6 16.2 24.4



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009518.D
Acq: 11 May 2019 12:24

Tgt Ion: 49 Resp: 131
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#





#31

Cyclohexane

Concen: 1.016 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-258-260

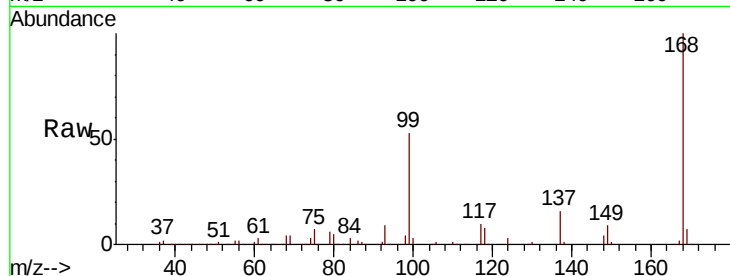
Tot Ion: 56 Resp: 3721

Ion Ratio Lower Upper

56 100

69 173.0 23.4 35.0#

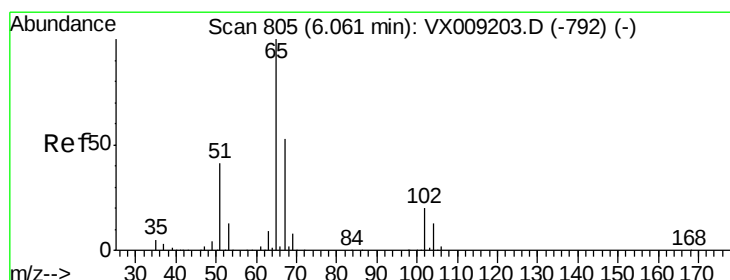
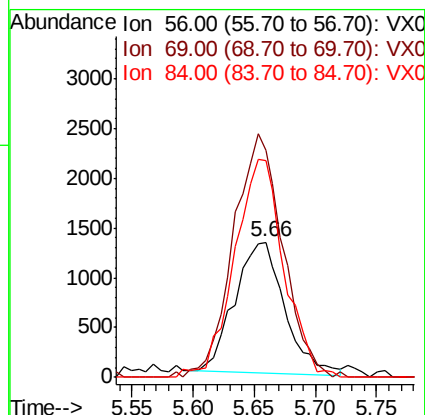
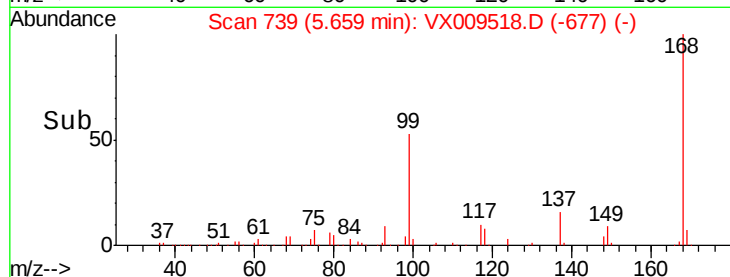
84 169.8 61.9 92.9#



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: 47.012 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009518.D

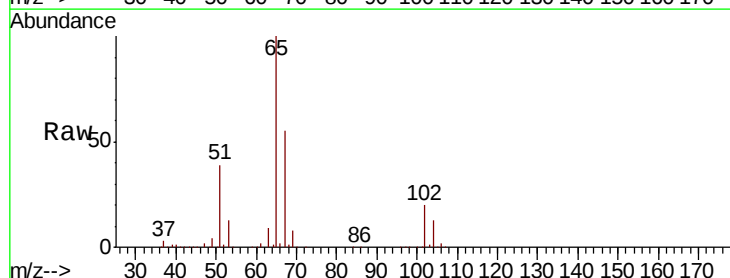
Acq: 11 May 2019 12:24

Tgt Ion: 65 Resp: 116410

Ion Ratio Lower Upper

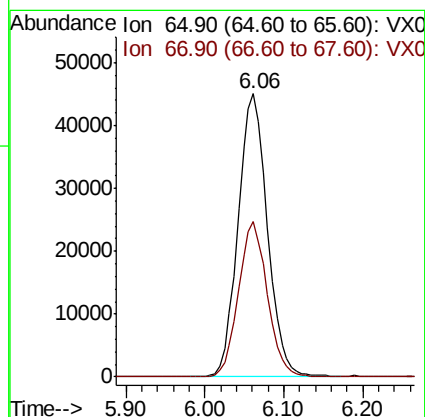
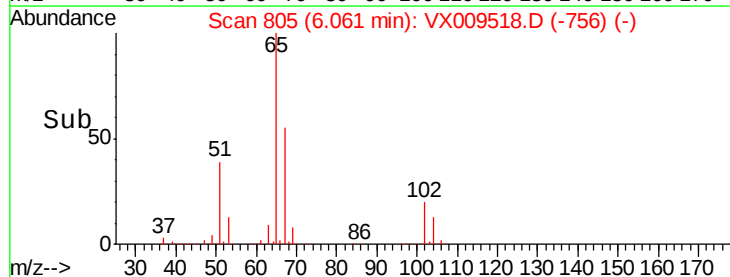
65 100

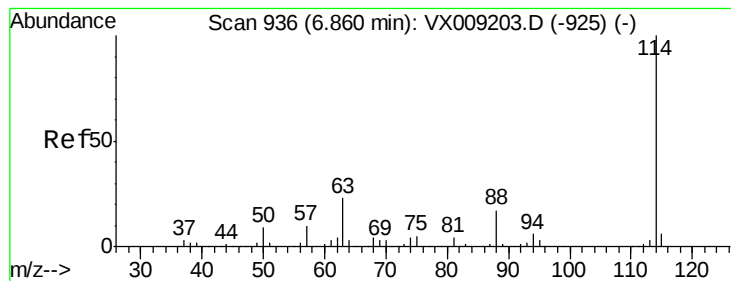
67 54.1 0.0 106.6



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-258-260

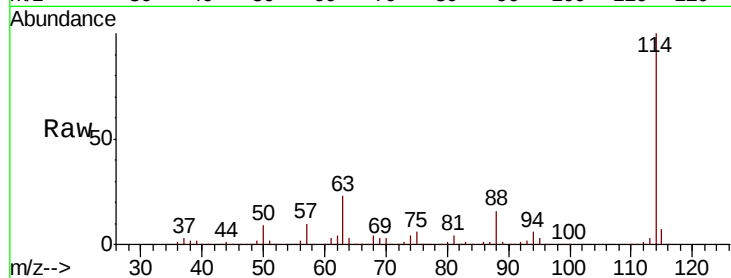
Tot Ion:114 Resp: 287499

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

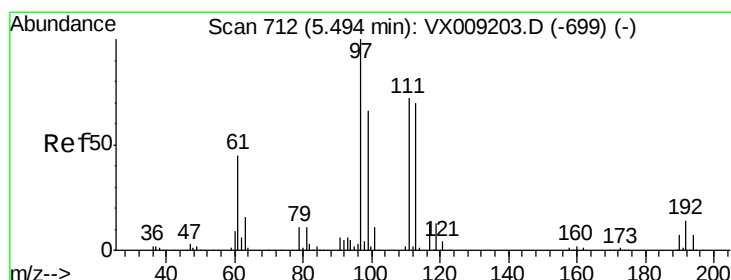
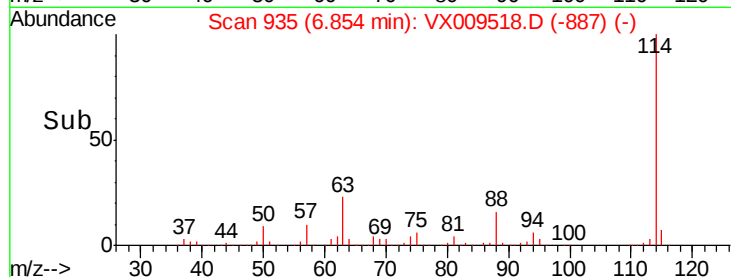
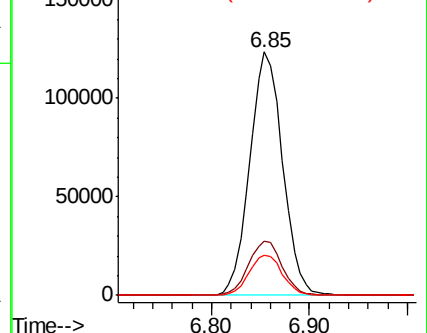
88 16.2 0.0 33.2



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: 46.326 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

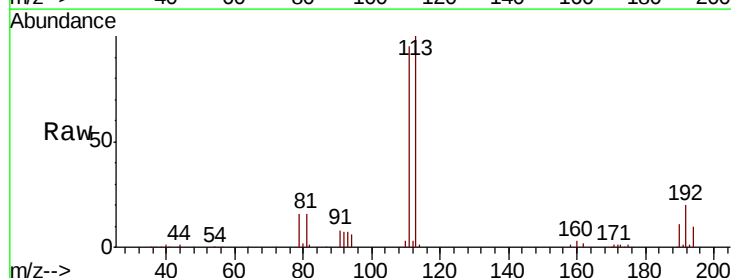
Tgt Ion:113 Resp: 83727

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

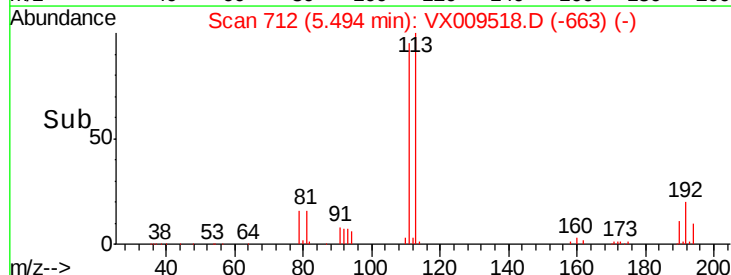
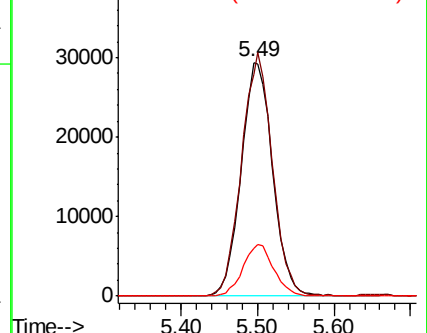
192 21.6 17.0 25.6

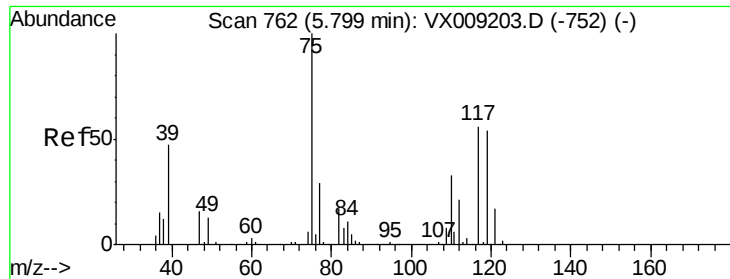


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

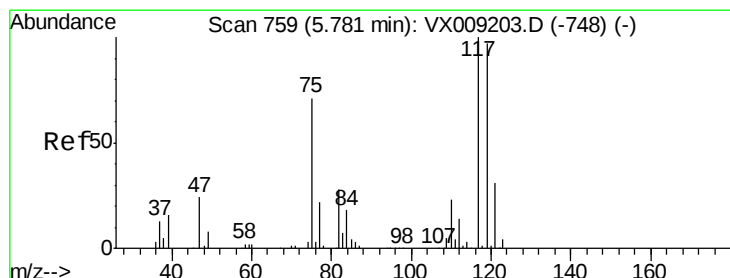
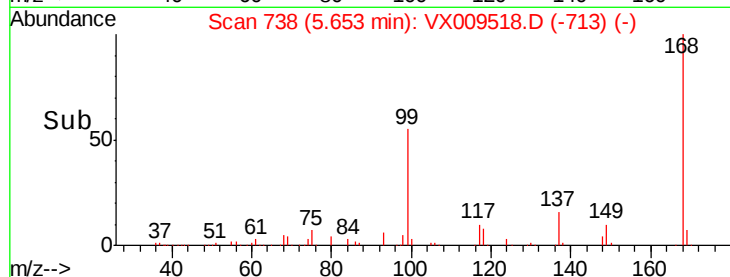
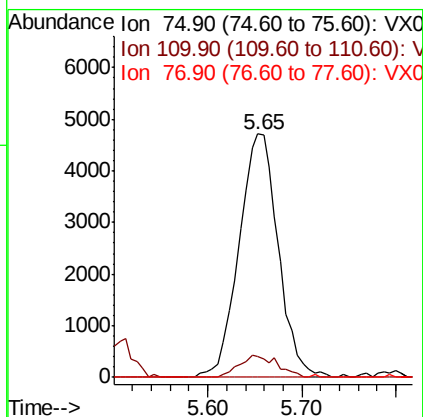
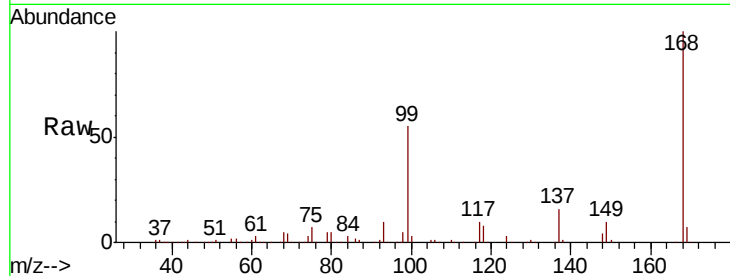




#36
 1,1-Dichloropropene
 Concen: 5.133 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX009518.D
 Acq: 11 May 2019 12:24

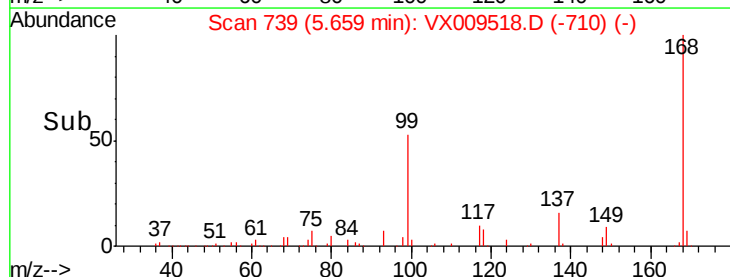
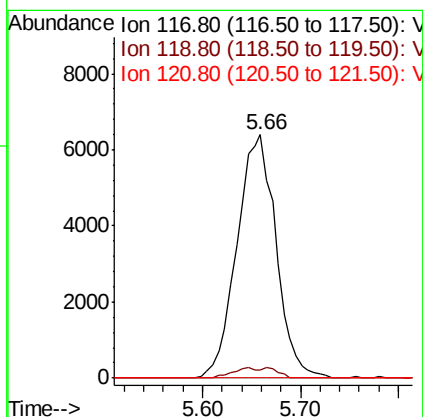
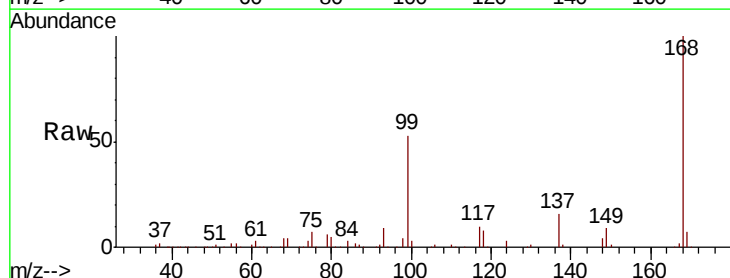
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-258-260

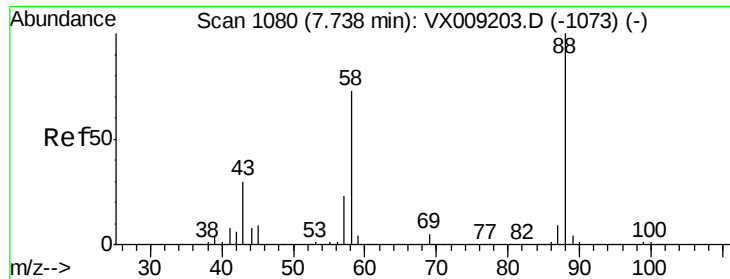
Tot Ion: 75 Resp: 13714
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.315 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX009518.D
 Acq: 11 May 2019 12:24

Tgt Ion: 117 Resp: 17757
 Ion Ratio Lower Upper
 117 100
 119 3.4 77.5 116.3#
 121 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 0.768 ug/l

RT: 7.95 min Scan# 1114

Delta R.T. 0.21 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-258-260

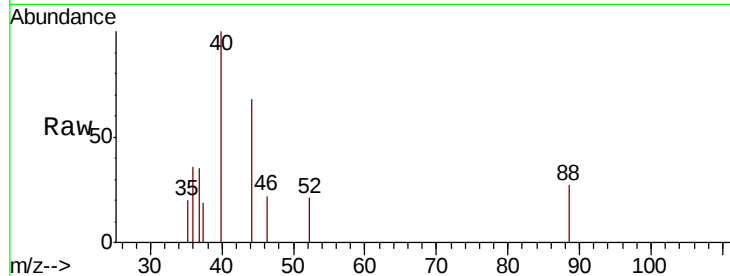
Tot Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 113.0 28.6 42.8#

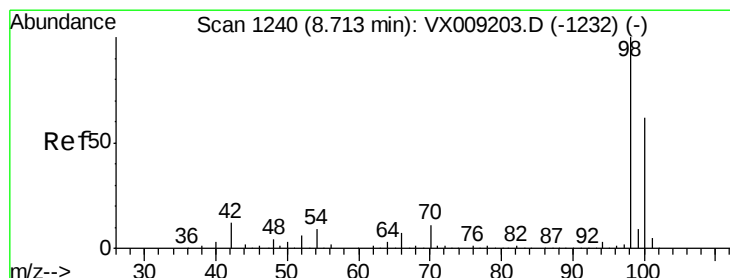
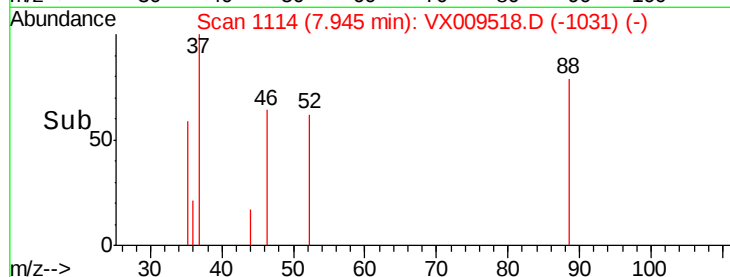
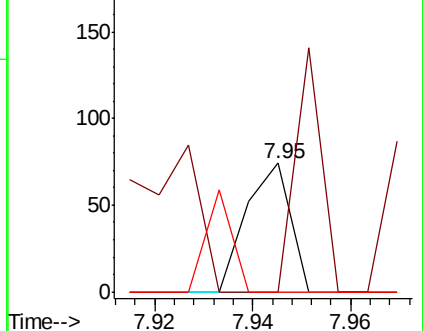
58 0.0 61.7 92.5#



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: 48.676 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009518.D

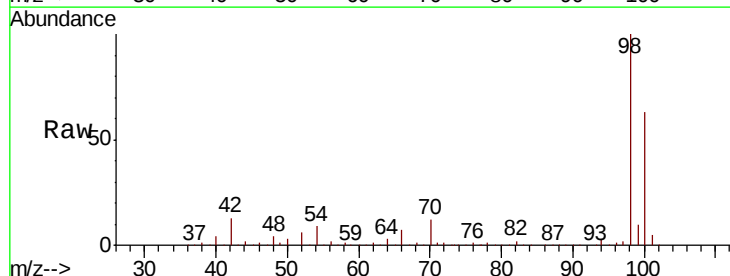
Acq: 11 May 2019 12:24

Tgt Ion: 98 Resp: 355175

Ion Ratio Lower Upper

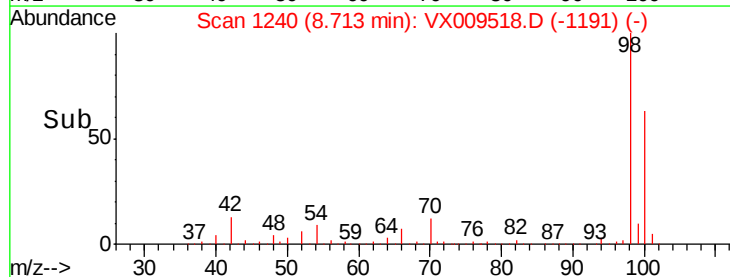
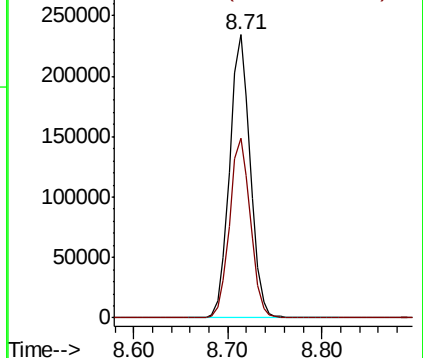
98 100

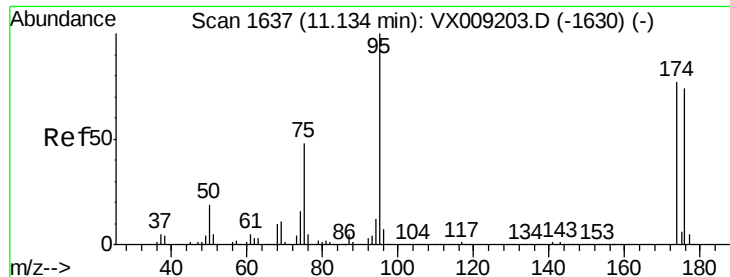
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.763 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-258-260

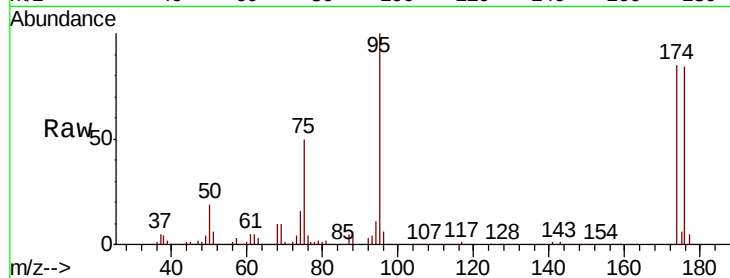
Tot Ion: 95 Resp: 118681

Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.6

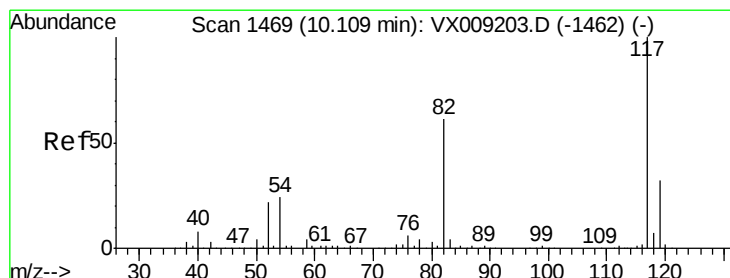
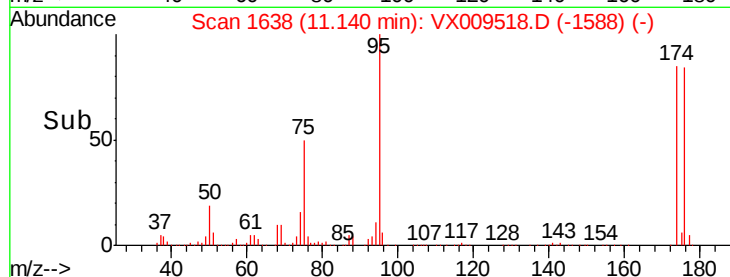
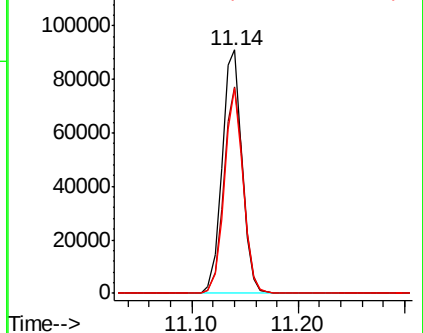
176 79.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009518.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009518.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009518.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

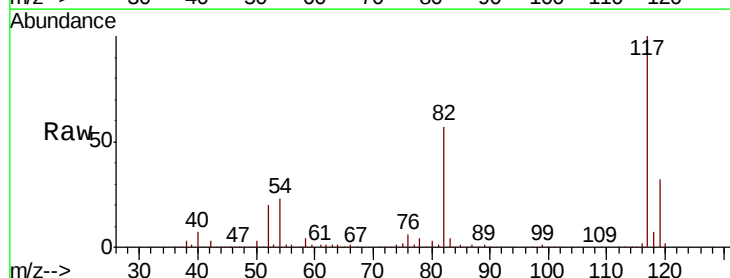
Tgt Ion: 117 Resp: 241789

Ion Ratio Lower Upper

117 100

82 56.8 48.8 73.2

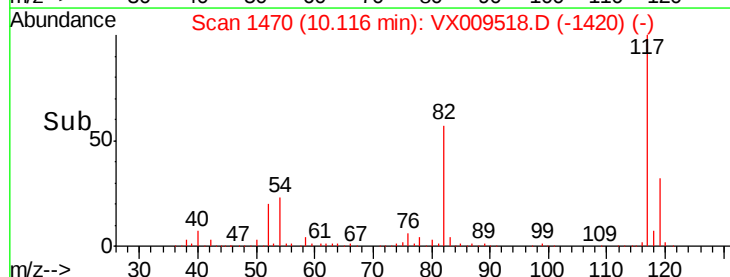
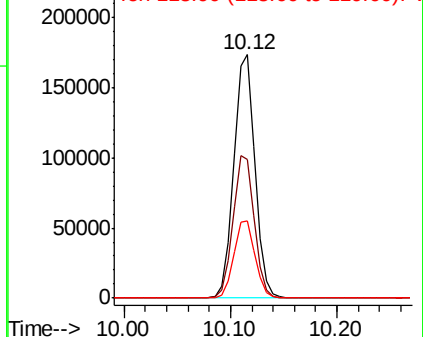
119 31.7 25.8 38.6

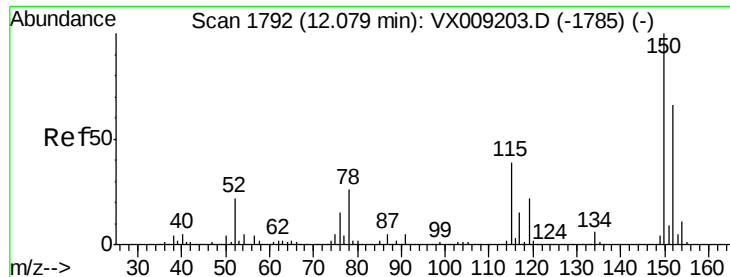


Abundance Ion 116.90 (116.60 to 117.60): VX009518.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009518.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009518.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-258-260

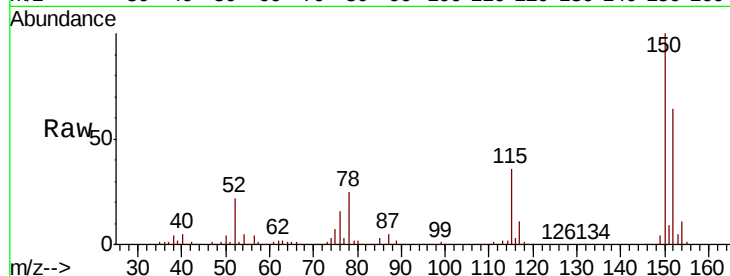
Tot Ion:152 Resp: 116751

Ion Ratio Lower Upper

152 100

115 58.4 41.2 123.6

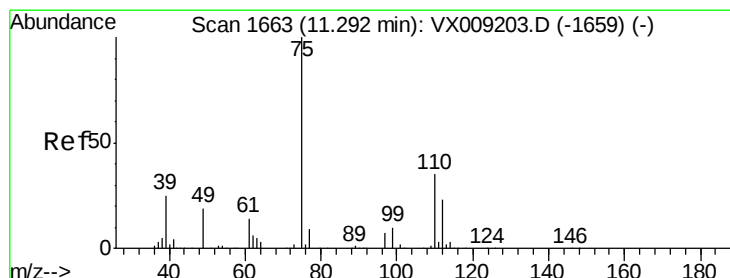
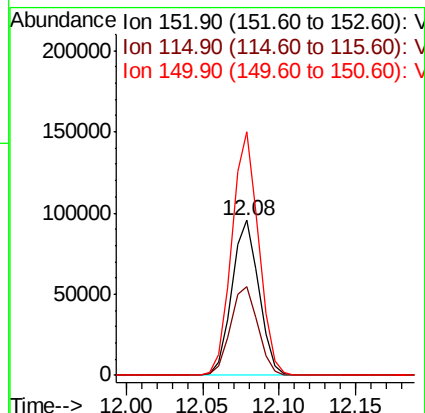
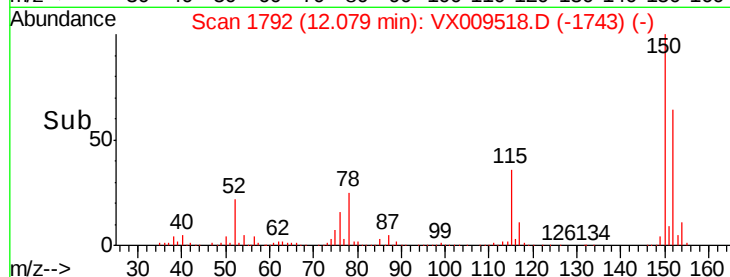
150 155.6 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 22.549 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.15 min

Lab File: VX009518.D

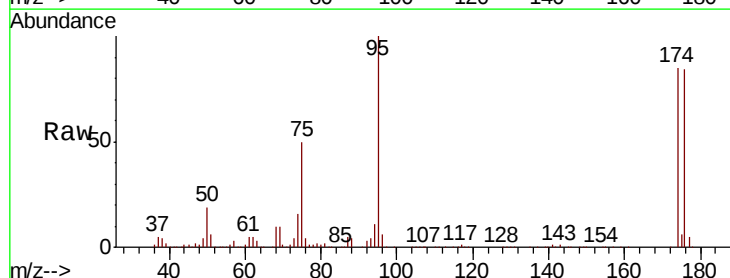
Acq: 11 May 2019 12:24

Tgt Ion: 75 Resp: 61067

Ion Ratio Lower Upper

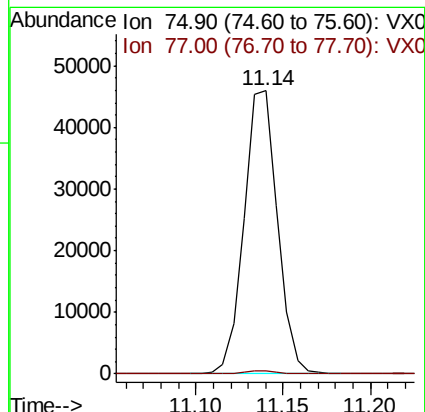
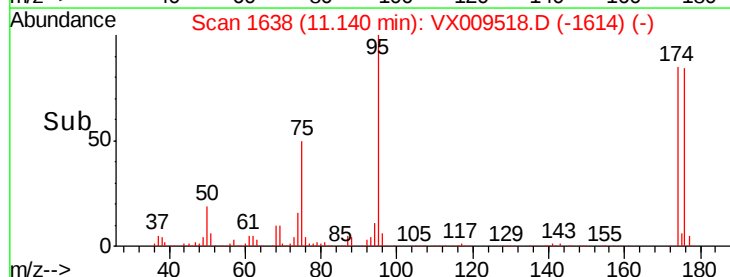
75 100

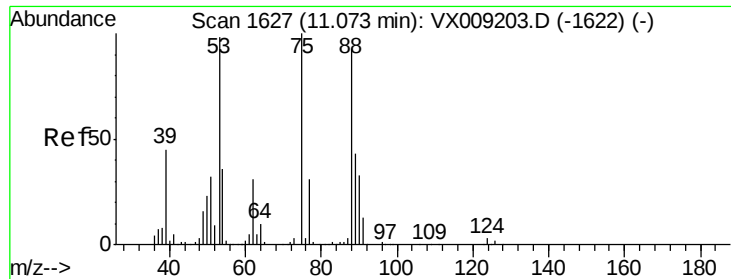
77 1.3 22.1 66.1#



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: 57.695 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX009518.D

Acq: 11 May 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-258-260

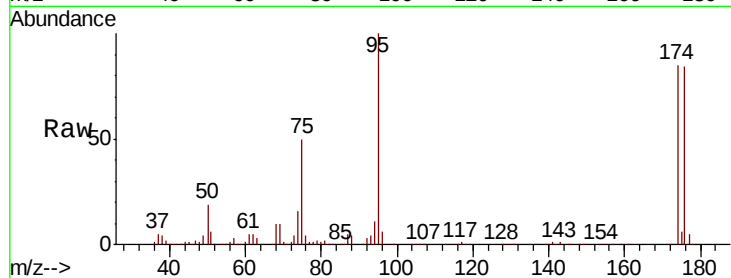
Tot Ion: 75 Resp: 61067

Ion Ratio Lower Upper

75 100

53 0.3 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

