

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017109.D
 Acq On : 01 Jul 2020 19:25
 Operator : JC/SP
 Sample : L3159-02 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 65BR-20200629

Quant Time: Jul 02 01:39:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

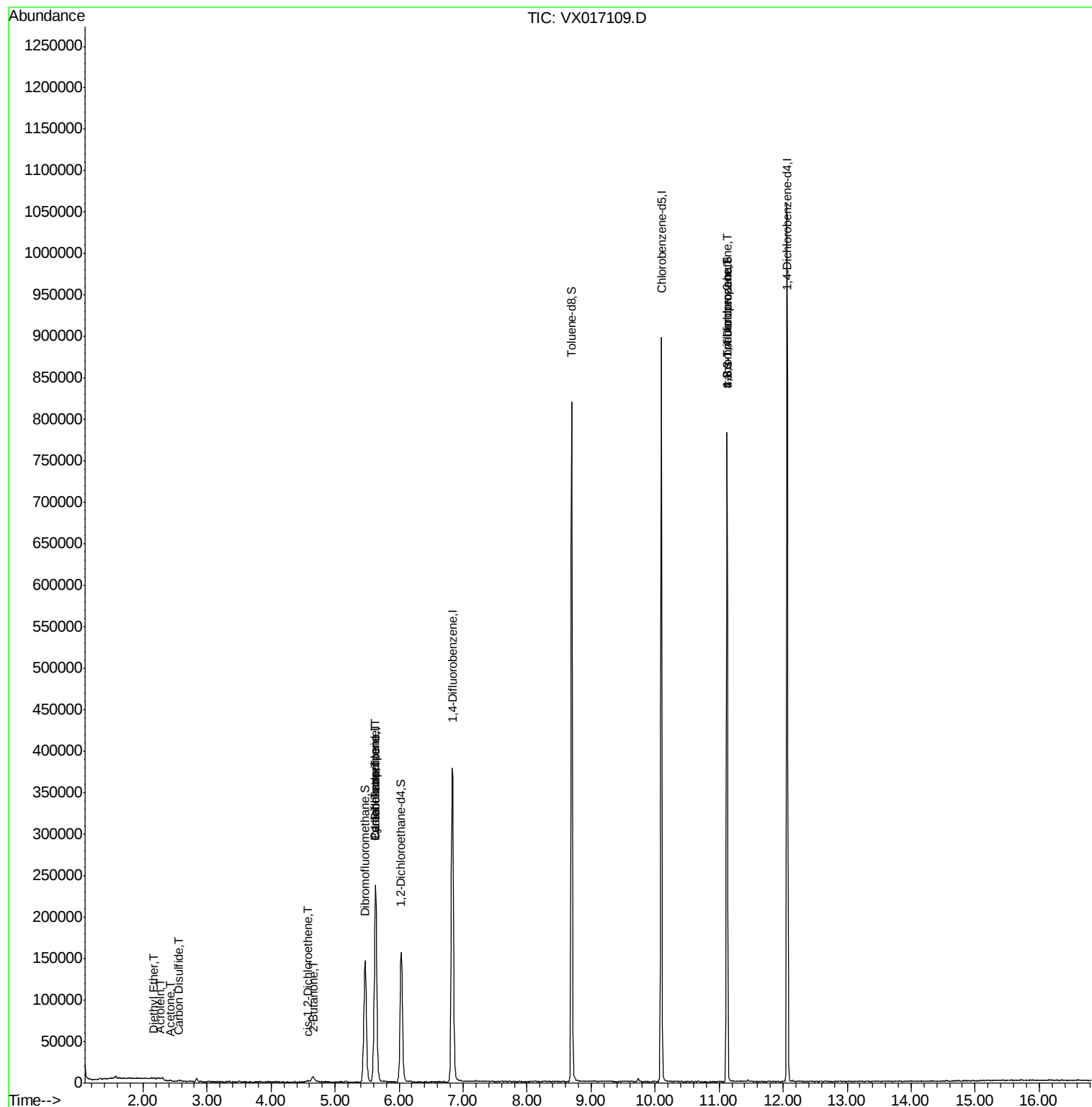
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	229546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	391557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	151071	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	5.46	113	128502	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	8.70	98	470829	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.12	95	197416	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
Target Compounds				Qvalue		
8) Diethyl Ether	2.17	74	440	0.717	ug/l #	34
13) Acrolein	2.27	56	168	0.521	ug/l #	18
16) Acetone	2.42	43	1485	1.403	ug/l #	48
17) Carbon Disulfide	2.56	76	1453	0.252	ug/l #	81
20) Methylene Chloride	2.84	84	1779	Below Cal	#	86
25) 2-Butanone	4.65	43	772	0.438	ug/l #	49
27) cis-1,2-Dichloroethene	4.57	96	1065	0.373	ug/l	41
31) Cyclohexane	5.63	56	4435	1.161	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	17454	4.716	ug/l #	50
38) Carbon Tetrachloride	5.63	117	22461	5.510	ug/l #	18
44) Trichloroethene	7.18	130	255	Below Cal		81
76) 1,2,3-Trichloropropane	11.12	75	97410	22.711	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	97410	58.813	ug/l #	13
88) 1,4-Dichlorobenzene	12.08	146	477	Below Cal	#	1

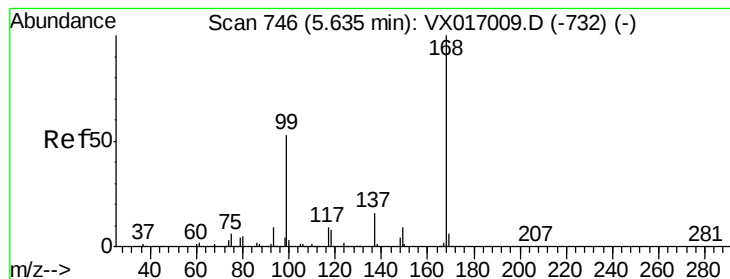
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017109.D

Acq: 01 Jul 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

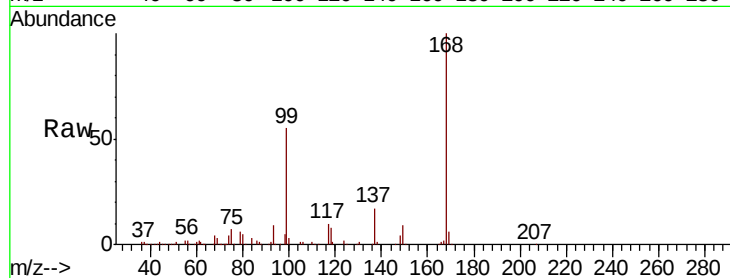
65BR-20200629

Tot Ion:168 Resp: 229546

Ion Ratio Lower Upper

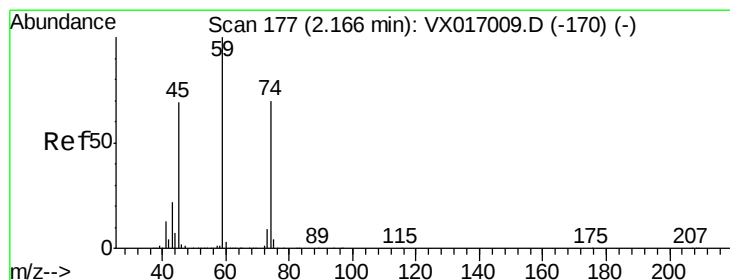
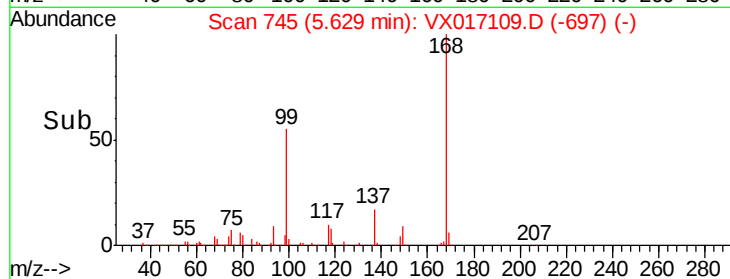
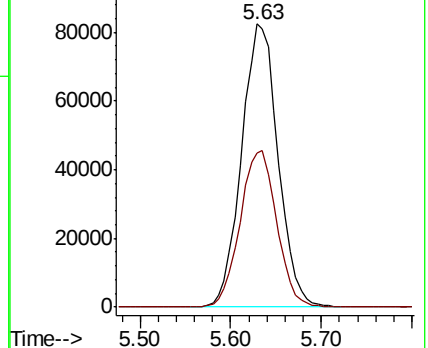
168 100

99 54.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 0.717 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017109.D

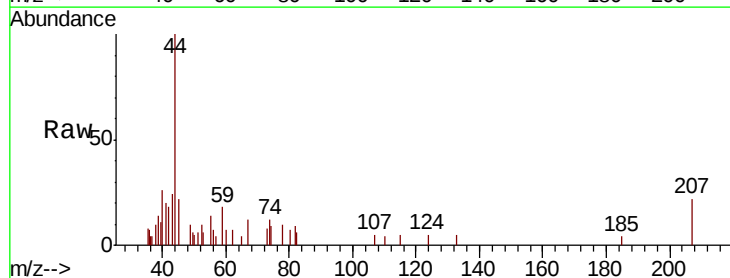
Acq: 01 Jul 2020 19:25

Tgt Ion: 74 Resp: 440

Ion Ratio Lower Upper

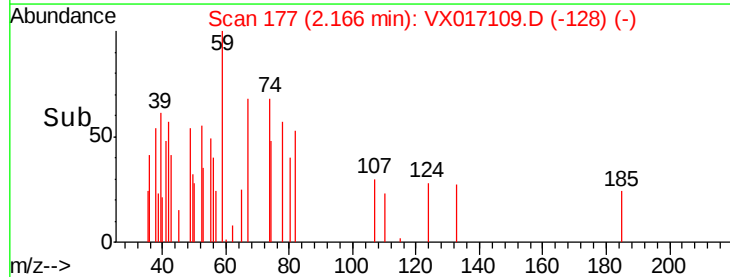
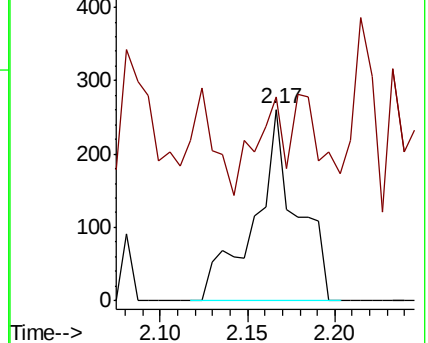
74 100

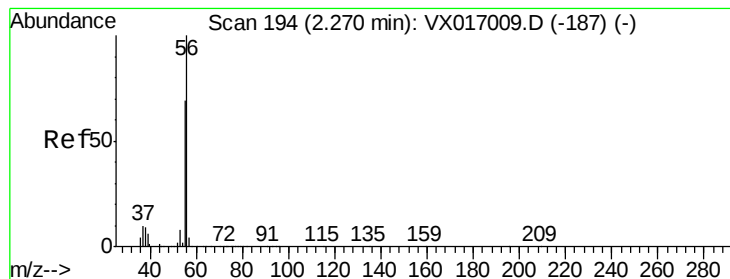
45 33.4 49.8 149.3#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#13

Acrolein

Concen: 0.521 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017109.D

Acq: 01 Jul 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

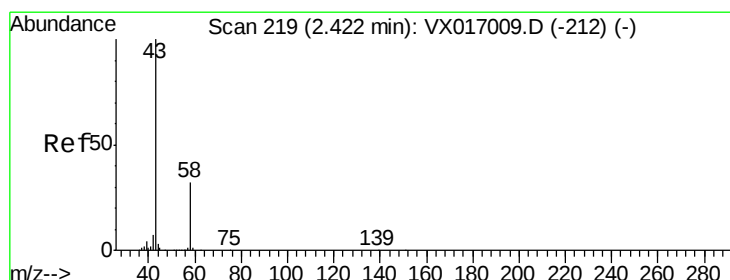
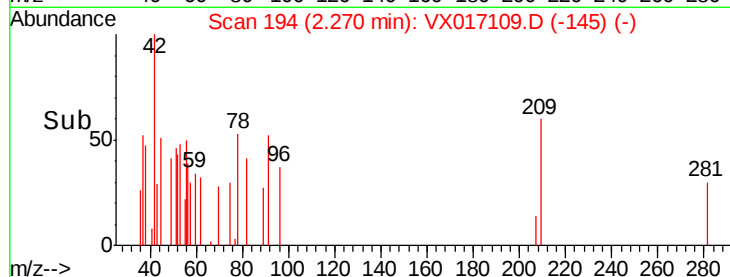
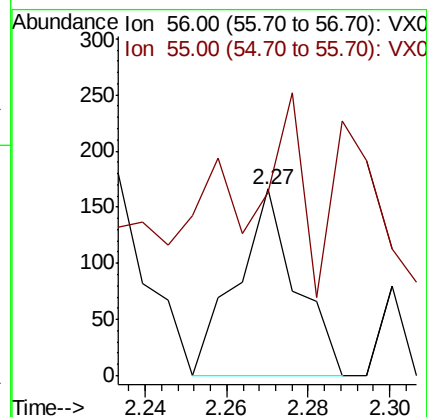
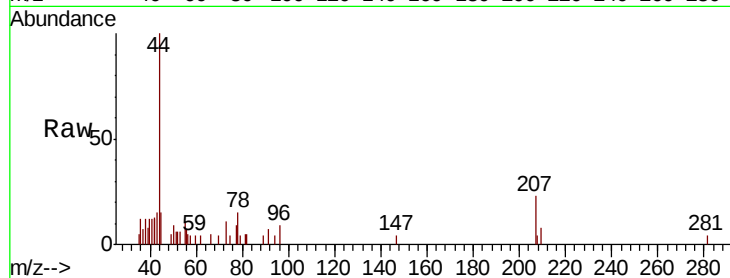
65BR-20200629

Tot Ion: 56 Resp: 168

Ion Ratio Lower Upper

56 100

55 136.3 55.7 83.5#



#16

Acetone

Concen: 1.403 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017109.D

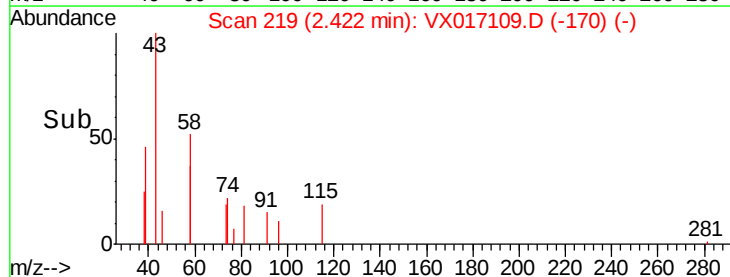
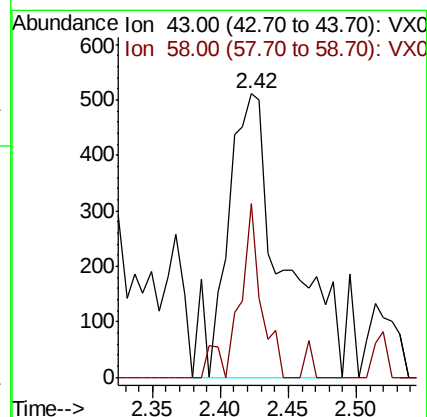
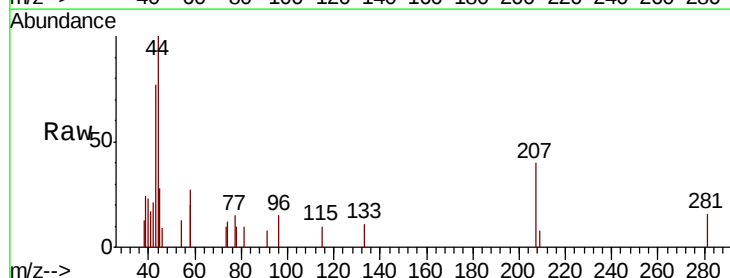
Acq: 01 Jul 2020 19:25

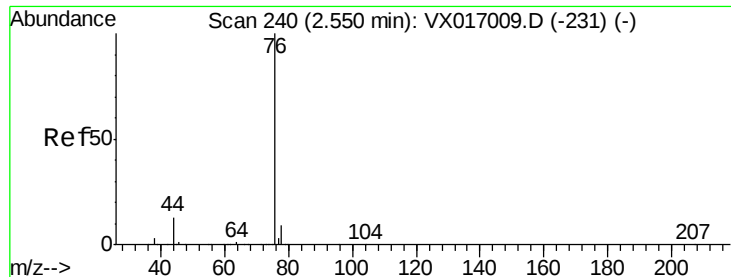
Tgt Ion: 43 Resp: 1485

Ion Ratio Lower Upper

43 100

58 61.1 25.7 38.5#

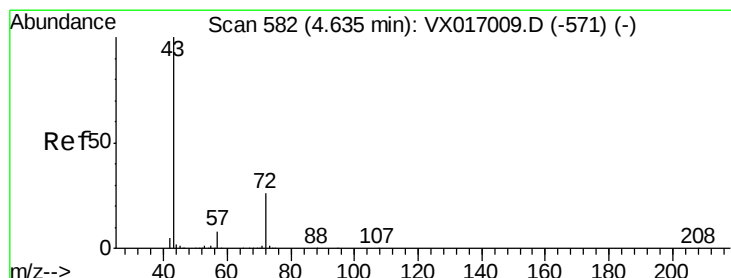
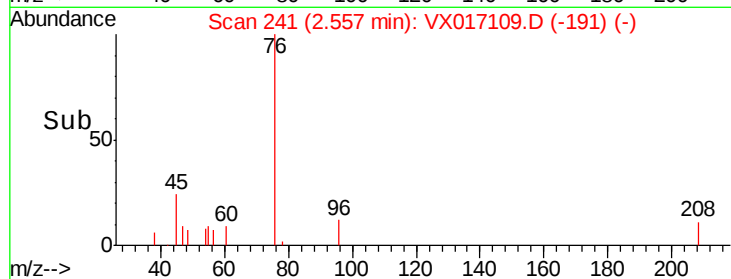
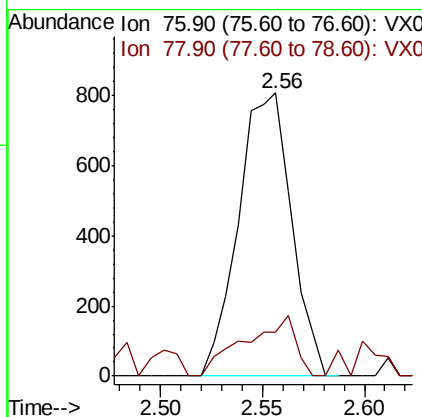
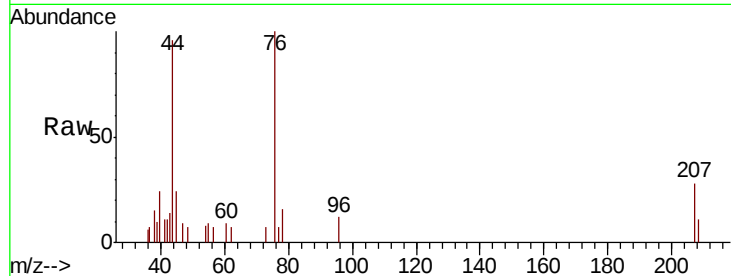




#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX017109.D
Acq: 01 Jul 2020 19:25

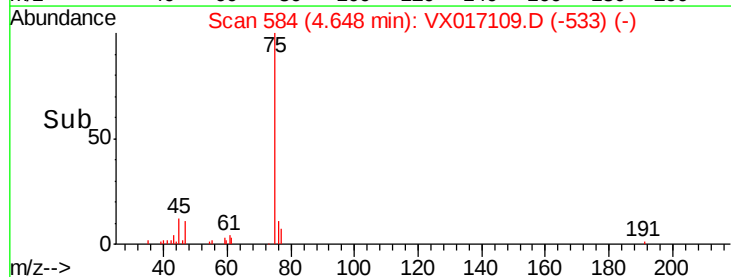
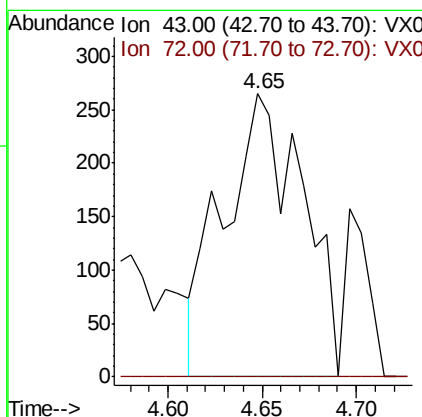
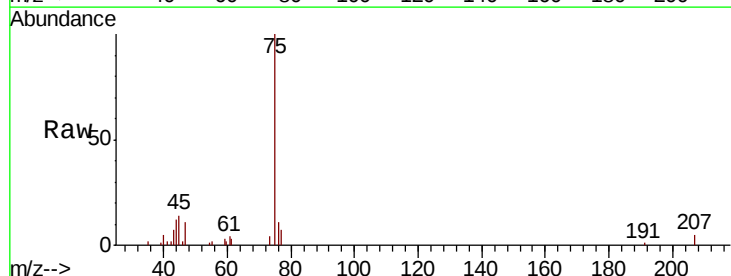
Instrument :
MSVOA_X
ClientSampleId :
65BR-20200629

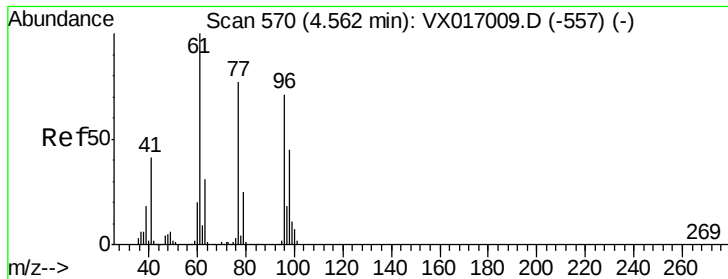
Tot Ion: 76 Resp: 1453
Ion Ratio Lower Upper
76 100
78 15.8 7.2 10.8#



#25
2-Butanone
Concen: 0.438 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017109.D
Acq: 01 Jul 2020 19:25

Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



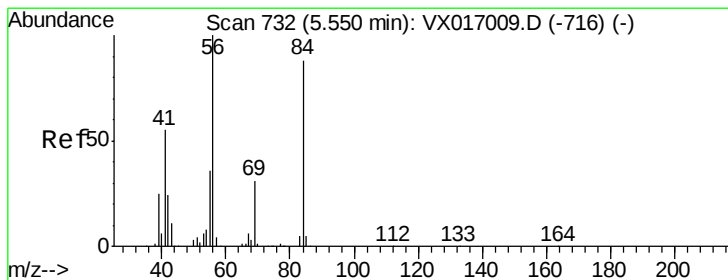
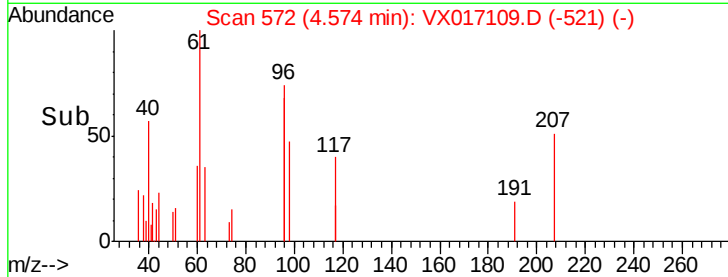
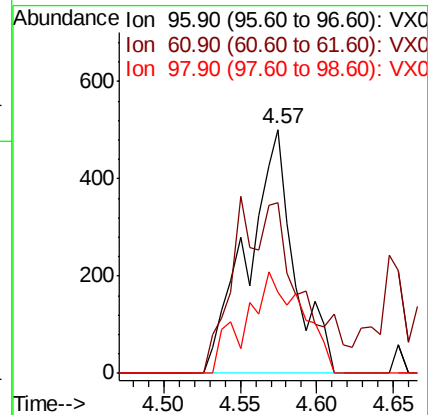
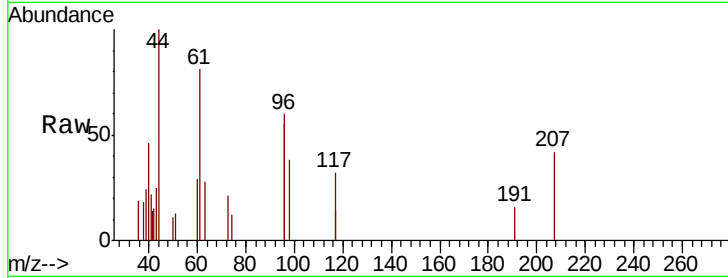


#27

cis-1,2-Dichloroethene
 Concen: 0.373 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX017109.D
 Acq: 01 Jul 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 65BR-20200629

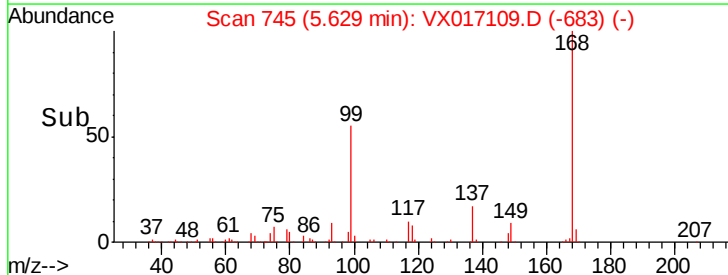
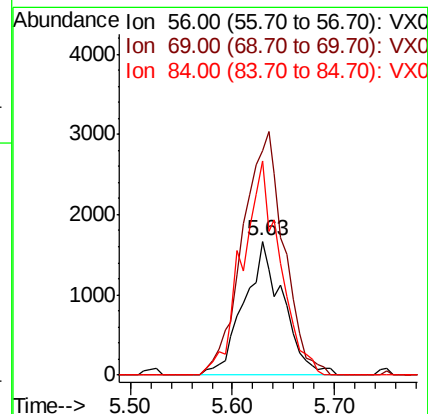
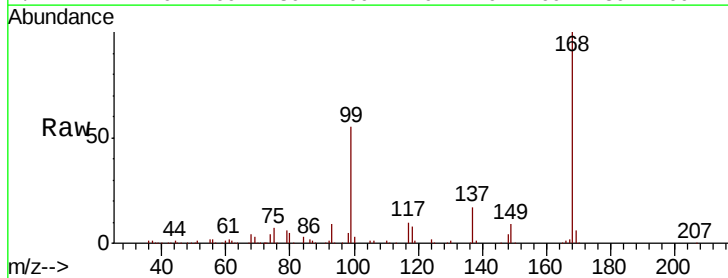
Tot Ion	Ratio	Lower	Upper
96	100		
61	45.5	0.0	282.8
98	50.4	0.0	127.6

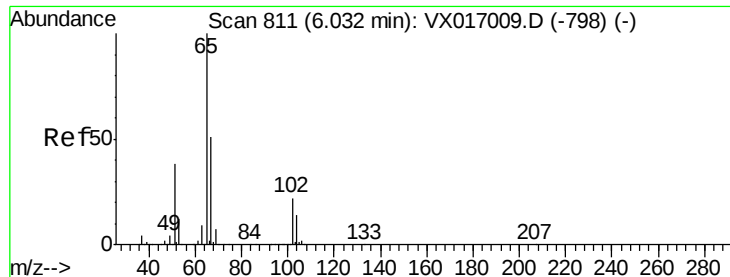


#31

Cyclohexane
 Concen: 1.161 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.08 min
 Lab File: VX017109.D
 Acq: 01 Jul 2020 19:25

Tgt Ion	Ratio	Lower	Upper
56	100		
69	167.7	25.0	37.4#
84	159.4	69.1	103.7#





#33

1,2-Dichloroethane-d4

Concen: 53.385 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017109.D

Acq: 01 Jul 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

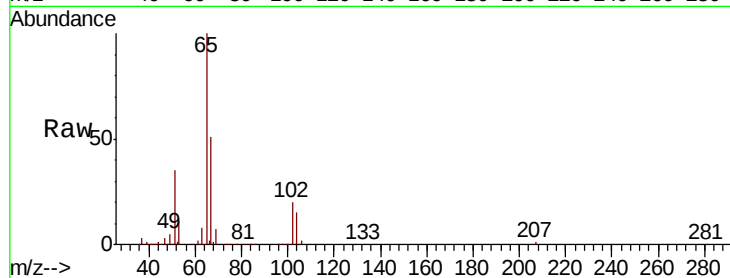
65BR-20200629

Tot Ion: 65 Resp: 151071

Ion Ratio Lower Upper

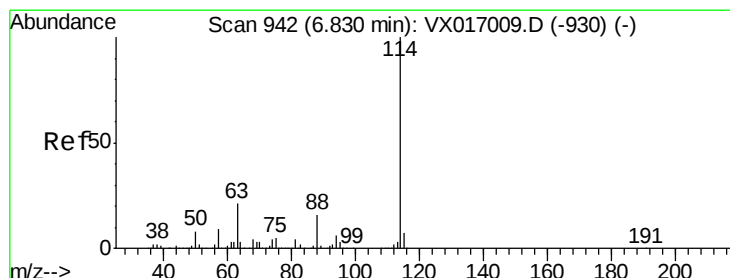
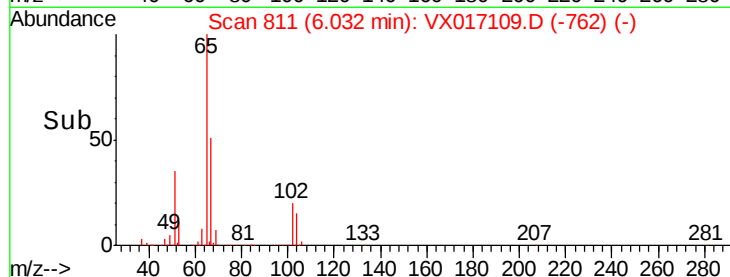
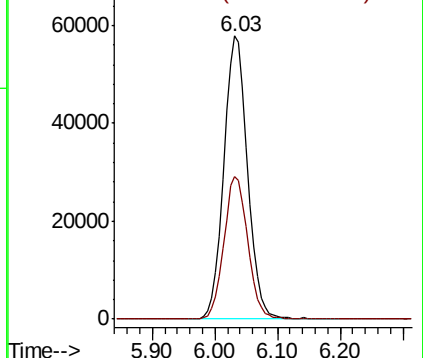
65 100

67 50.8 0.0 103.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017109.D

Acq: 01 Jul 2020 19:25

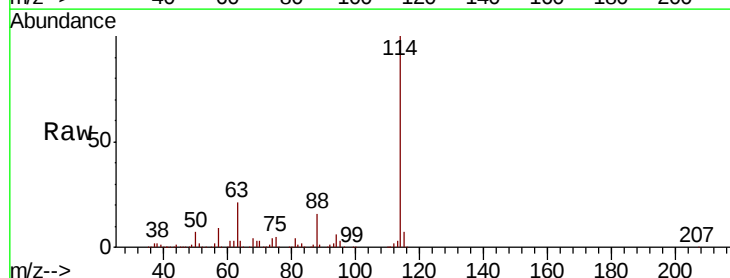
Tgt Ion: 114 Resp: 391557

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

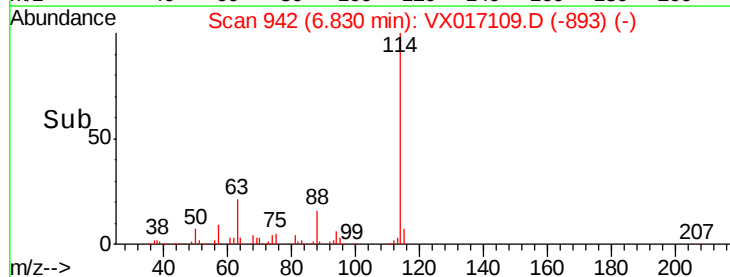
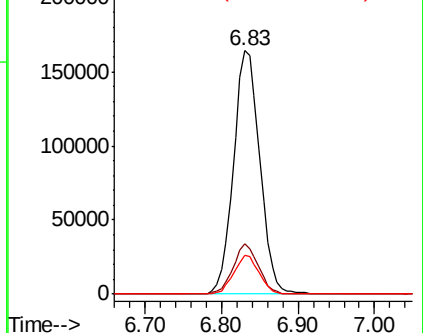
88 15.8 0.0 32.4

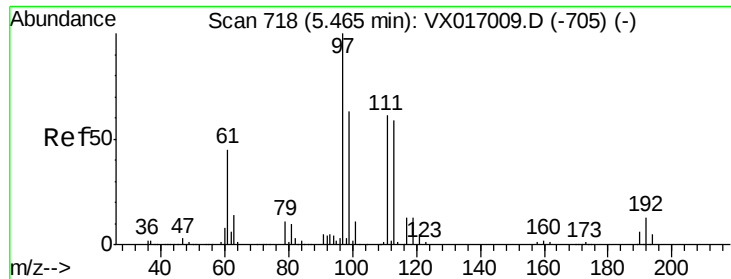


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

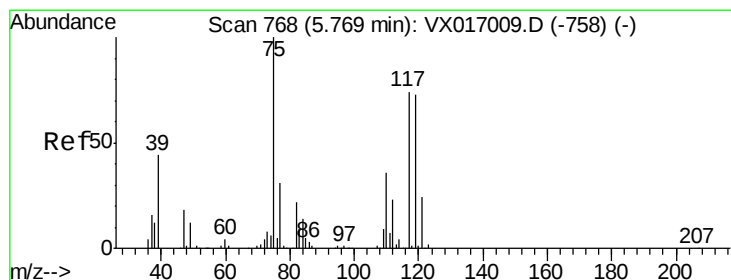
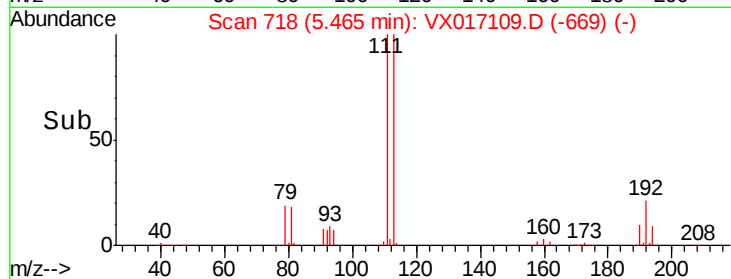
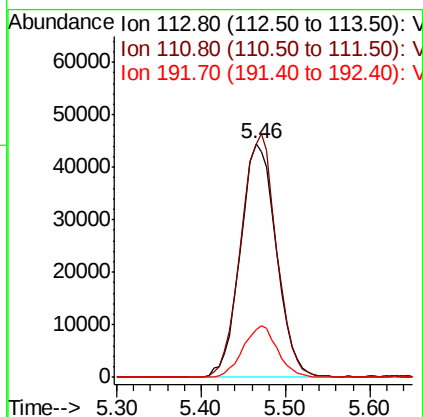
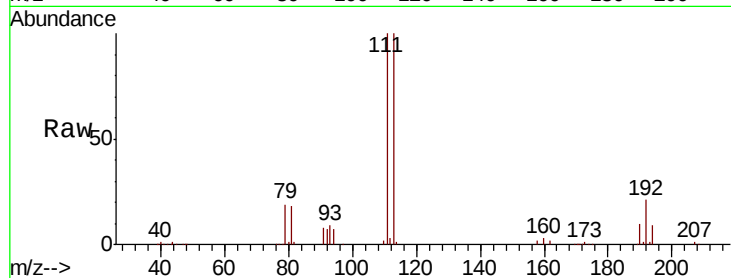




#35
 Dibromofluoromethane
 Concen: 51.881 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017109.D
 Acq: 01 Jul 2020 19:25

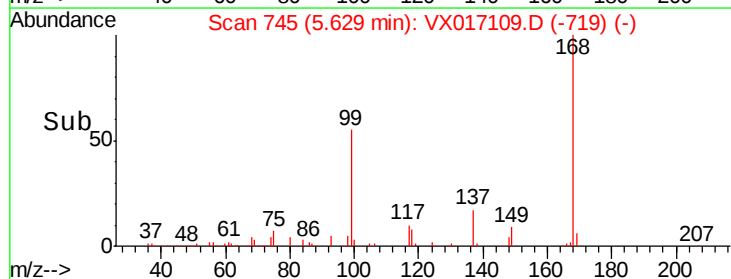
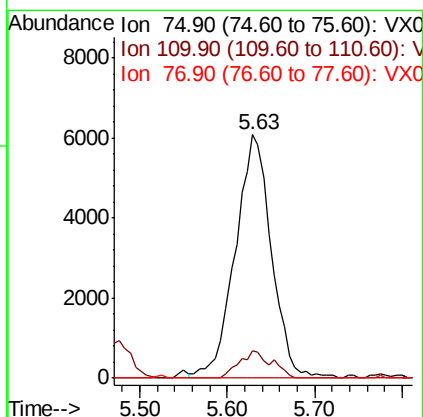
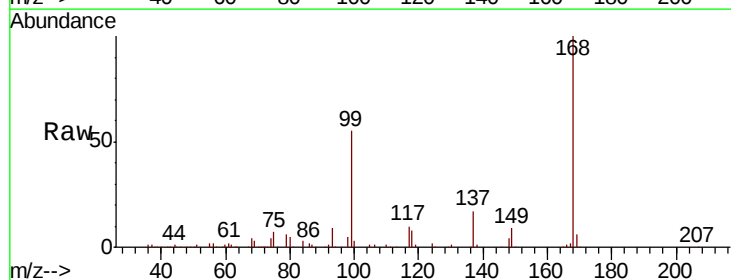
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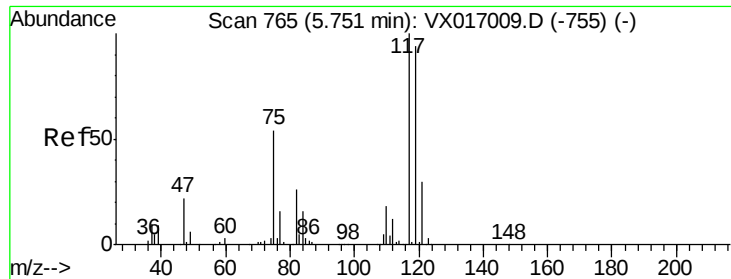
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	21.2	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.716 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX017109.D
 Acq: 01 Jul 2020 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.0	24.6	37.0#

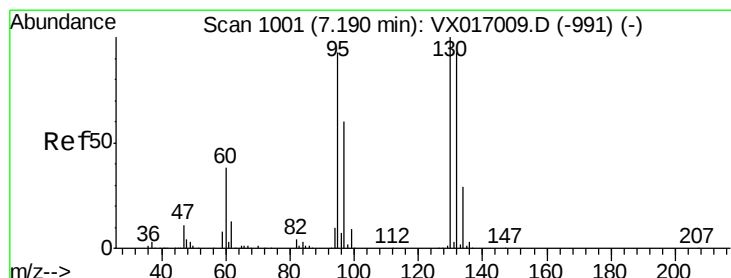
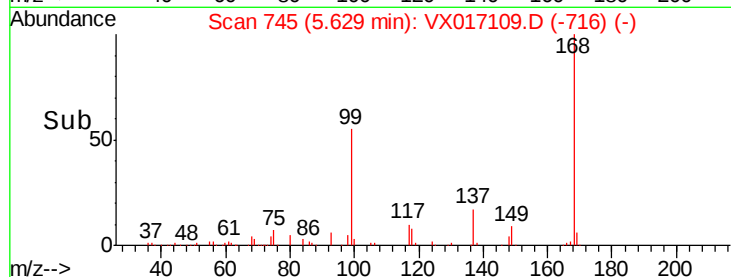
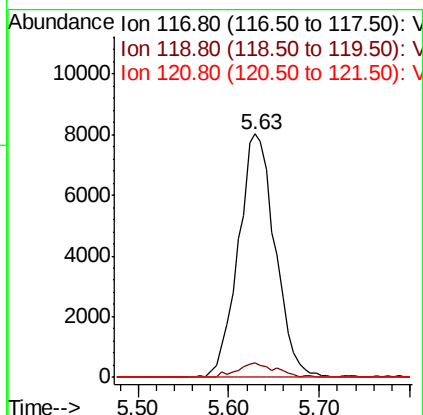
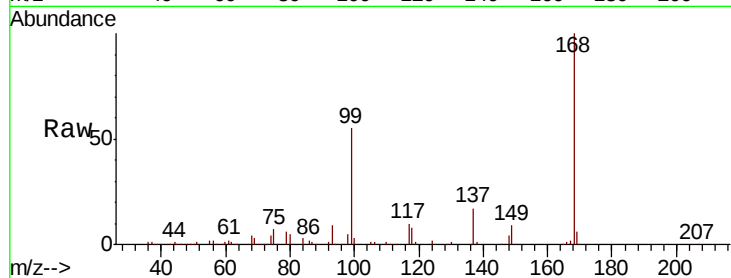




#38
Carbon Tetrachloride
Concen: 5.510 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017109.D
Acq: 01 Jul 2020 19:25

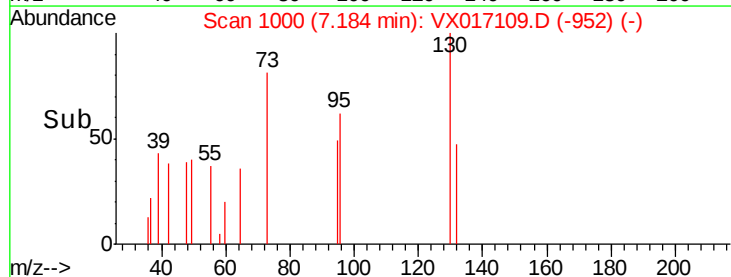
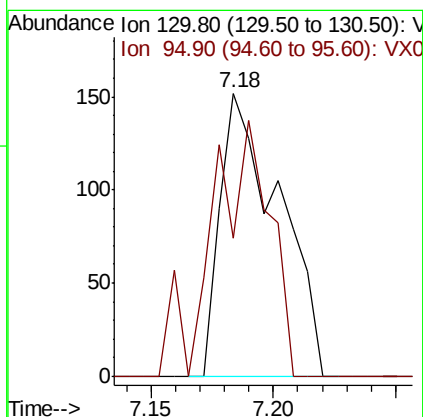
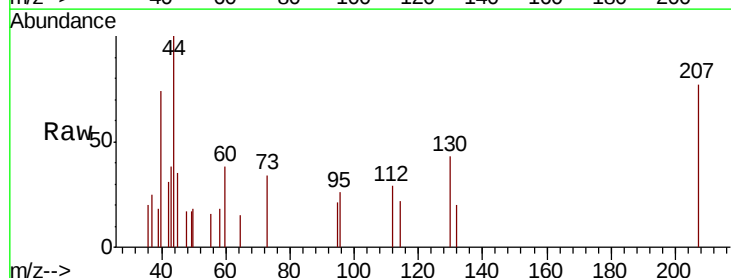
Instrument :
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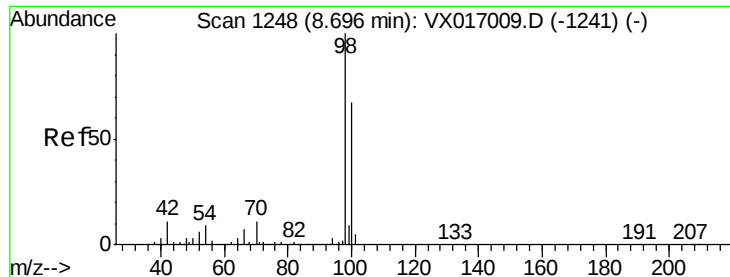
Tot Ion:117 Resp: 22461
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.0#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: Below Cal
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX017109.D
Acq: 01 Jul 2020 19:25

Tgt Ion:130 Resp: 255
Ion Ratio Lower Upper
130 100
95 110.5 0.0 185.0





#50

Toluene-d8

Concen: 51.406 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017109.D

Acq: 01 Jul 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

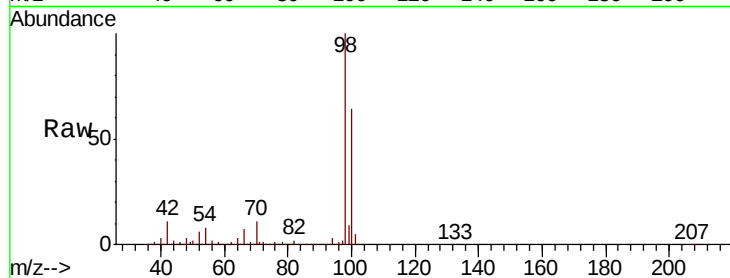
65BR-20200629

Tot Ion: 98 Resp: 470829

Ion Ratio Lower Upper

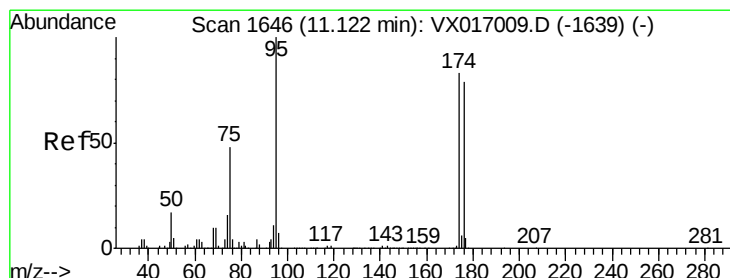
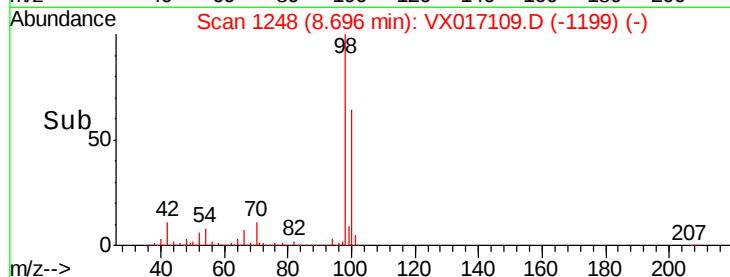
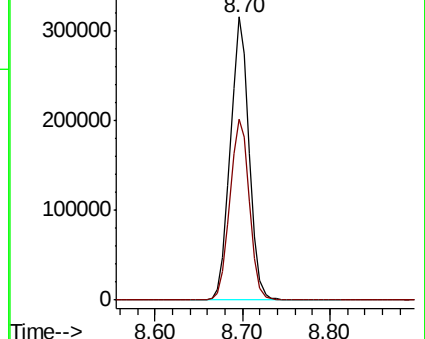
98 100

100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 55.139 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017109.D

Acq: 01 Jul 2020 19:25

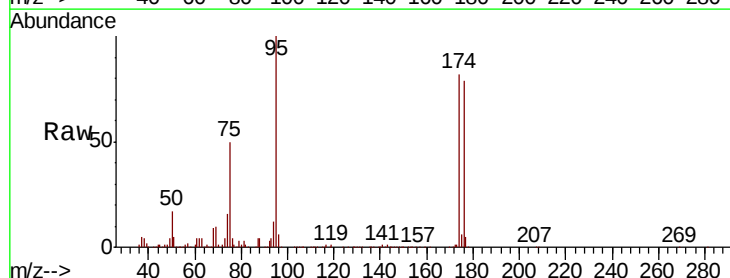
Tgt Ion: 95 Resp: 197416

Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

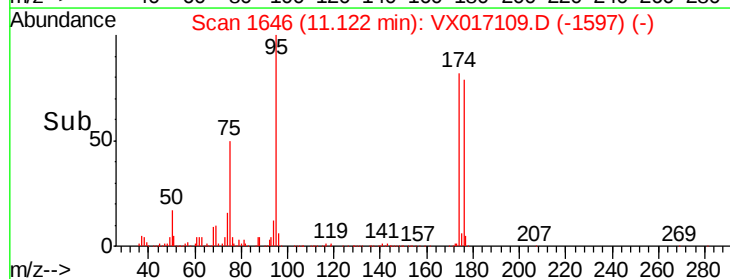
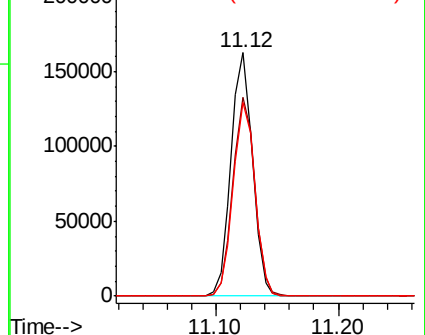
176 80.3 0.0 157.6

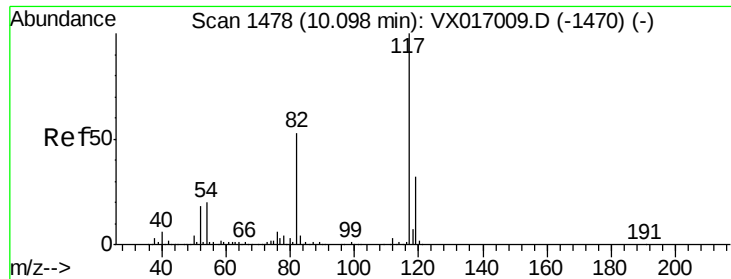


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

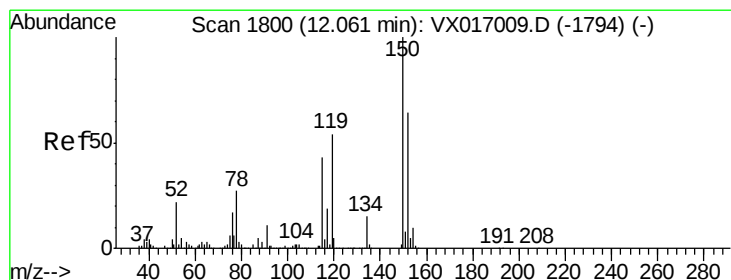
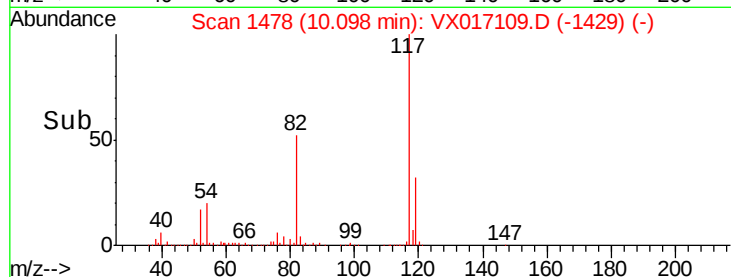
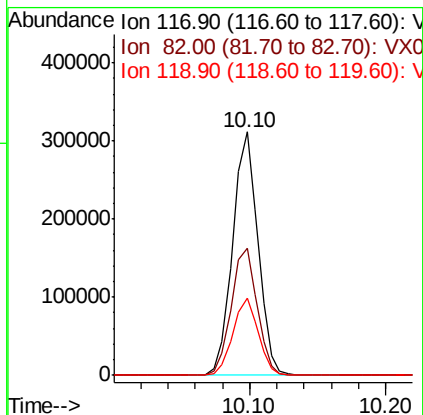
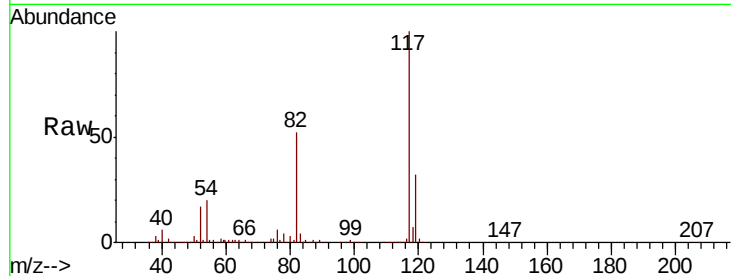




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017109.D
Acq: 01 Jul 2020 19:25

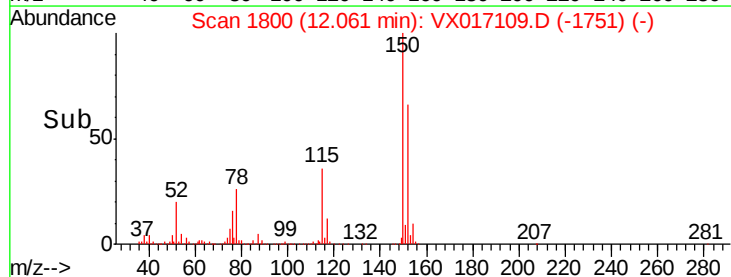
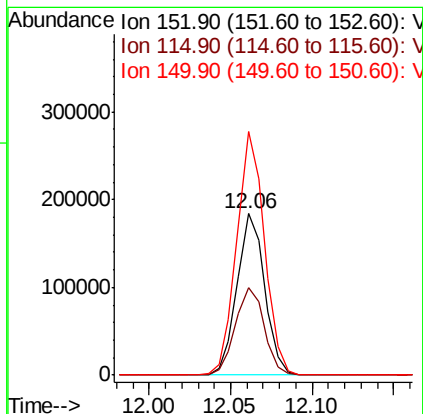
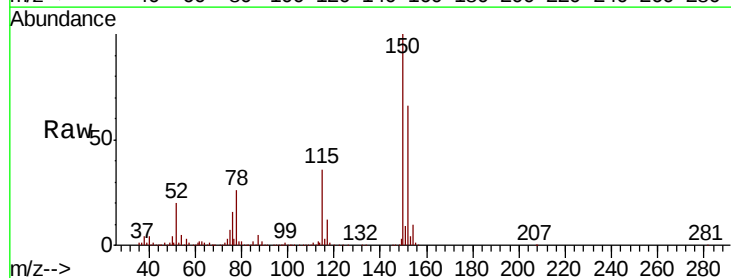
Instrument :
MSVOA_X
ClientSampleId :
65BR-20200629

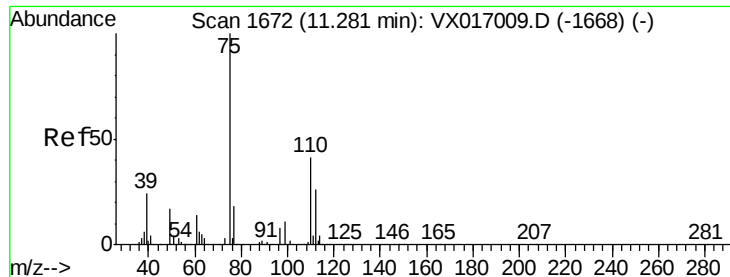
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	31.7	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017109.D
Acq: 01 Jul 2020 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.9	122.7
150	150.7	0.0	351.6

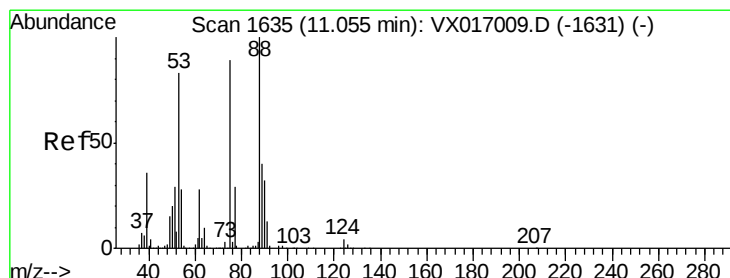
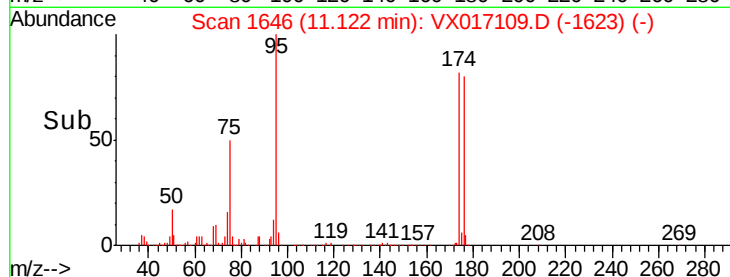
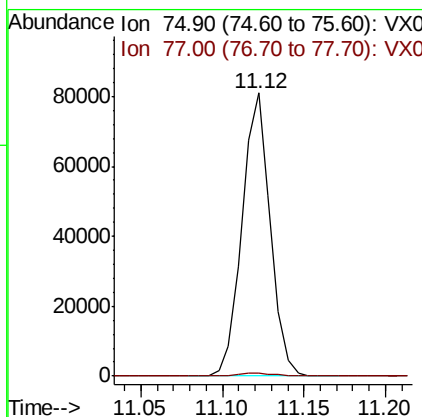
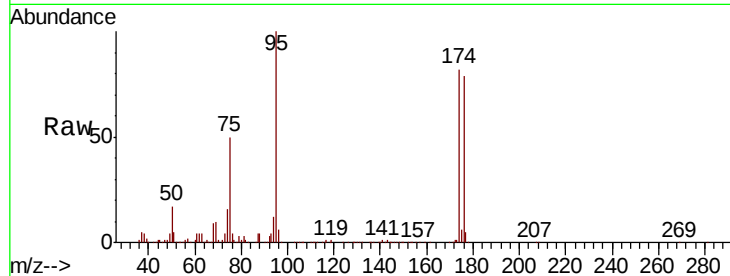




#76
 1,2,3-Trichloropropane
 Concen: 22.711 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX017109.D
 Acq: 01 Jul 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 65BR-20200629

Tot Ion: 75 Resp: 97410
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.2 60.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.813 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX017109.D
 Acq: 01 Jul 2020 19:25

Tgt Ion: 75 Resp: 97410
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.4 108.6#
 89 0.0 37.0 55.4#

