

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017049.D
 Acq On : 30 Jun 2020 16:47
 Operator : JC/SP
 Sample : L3123-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Jul 01 08:07:51 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	230307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	400703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	407763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206844	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	152652	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
35) Dibromofluoromethane	5.46	113	129822	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	8.70	98	487775	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.12	95	198166	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	

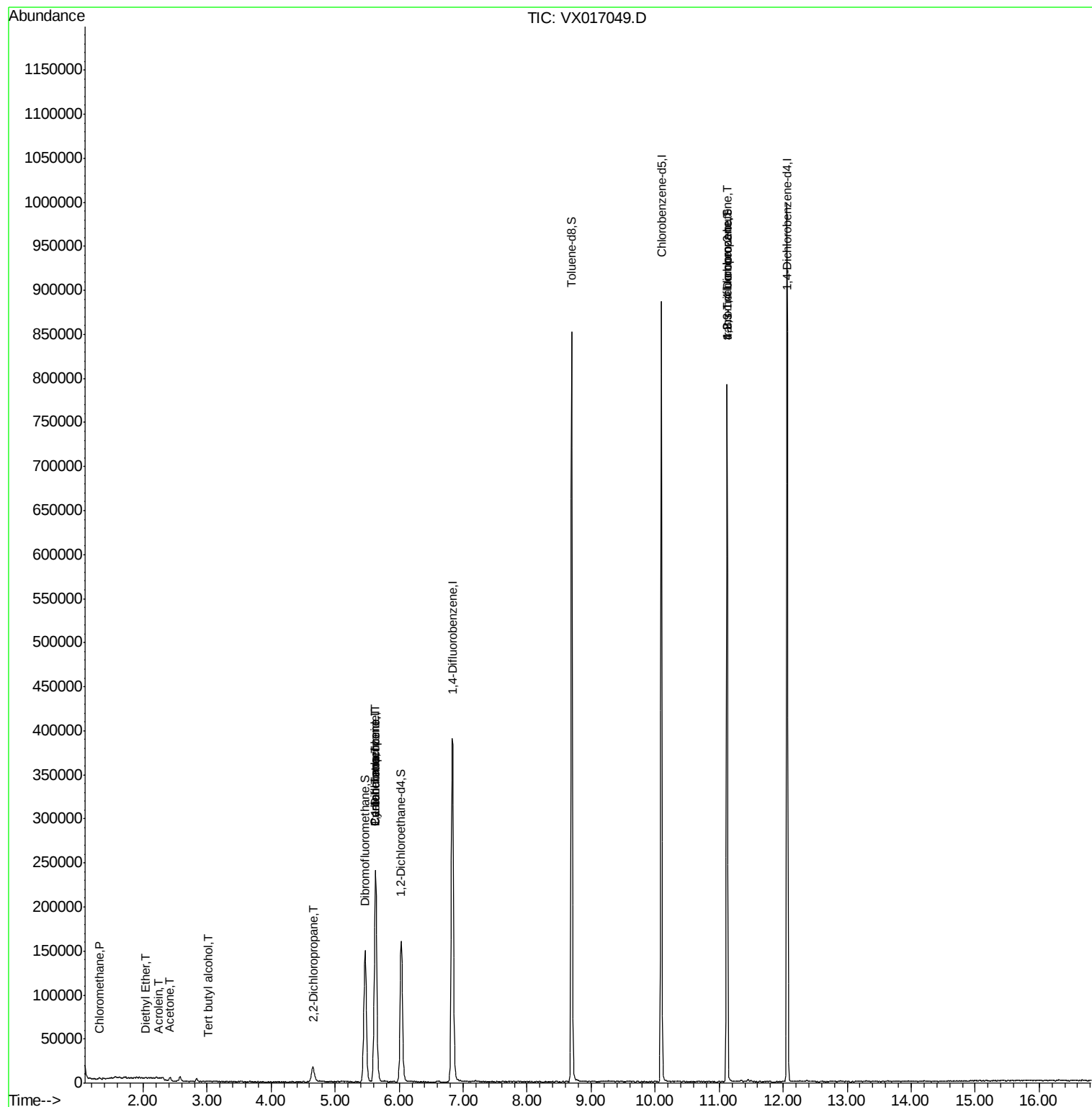
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1154	0.428	ug/l	93
8) Diethyl Ether	2.04	74	72	0.423	ug/l	78
11) Tert butyl alcohol	3.02	59	797	1.471	ug/l #	80
13) Acrolein	2.23	56	132	0.408	ug/l	89
16) Acetone	2.42	43	4532	4.267	ug/l	95
20) Methylene Chloride	2.83	84	1404	Below Cal		89
26) 2,2-Dichloropropane	4.65	77	1233	0.313	ug/l #	53
31) Cyclohexane	5.64	56	4792	1.250	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	17435	4.604	ug/l #	50
38) Carbon Tetrachloride	5.63	117	22501	5.394	ug/l #	19
44) Trichloroethene	7.19	130	548	Below Cal		82
76) 1,2,3-Trichloropropane	11.12	75	97401	23.946	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	97401	62.012	ug/l #	13
88) 1,4-Dichlorobenzene	12.09	146	528	Below Cal	#	25

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX063020\
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Sample : L3123-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
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Quant Time: Jul 01 08:07:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

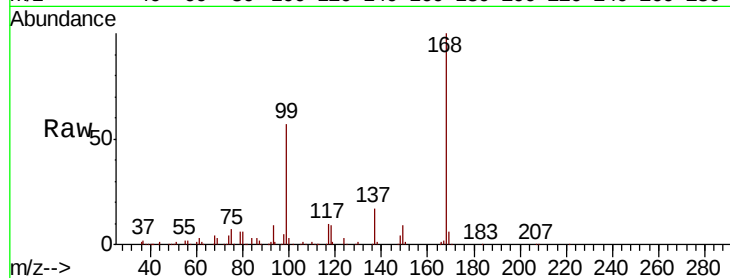
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Tot Ion:168 Resp: 230307

Ion Ratio Lower Upper

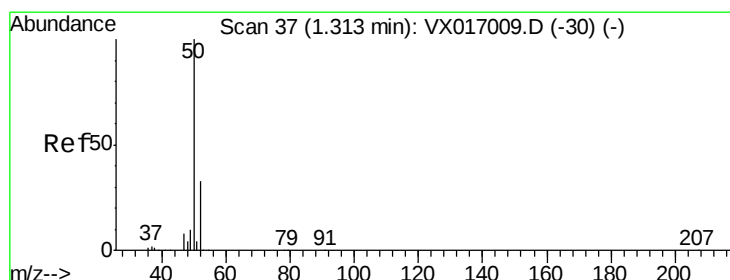
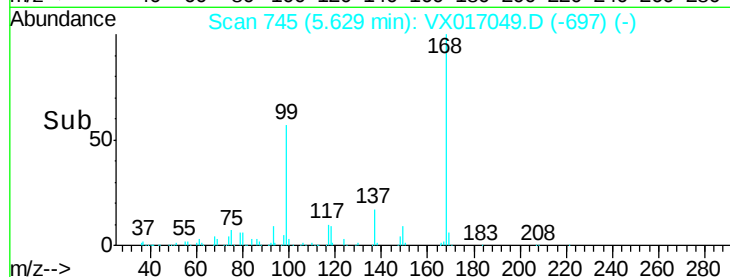
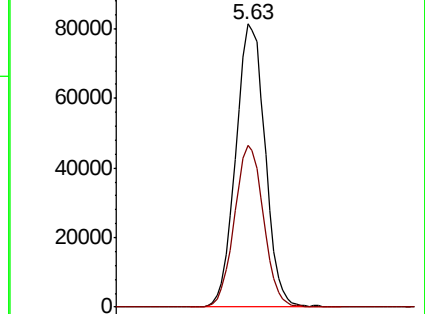
168 100

99 57.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.428 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017049.D

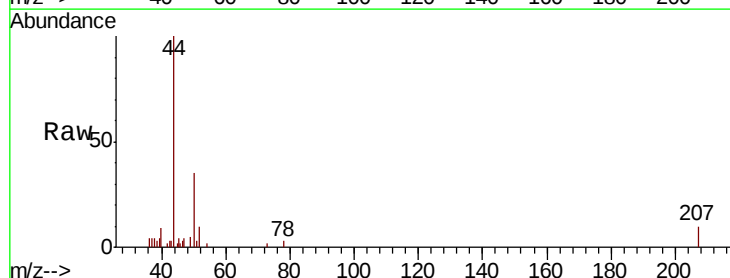
Acq: 30 Jun 2020 16:47

Tgt Ion: 50 Resp: 1154

Ion Ratio Lower Upper

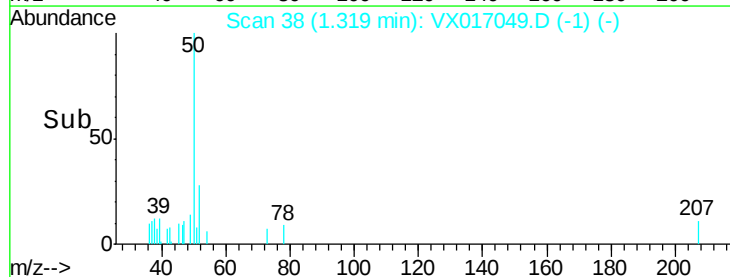
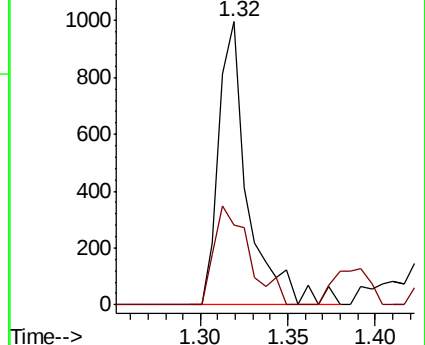
50 100

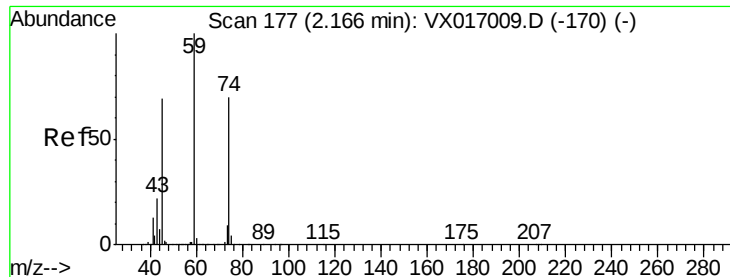
52 28.4 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#8

Diethyl Ether

Concen: 0.423 ug/l

RT: 2.04 min Scan# 156

Delta R.T. -0.13 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

Instrument :

MSVOA_X

ClientSampled :

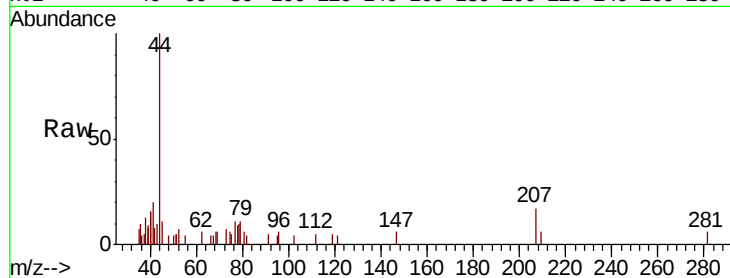
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Tot Ion: 74 Resp: 72

Ion Ratio Lower Upper

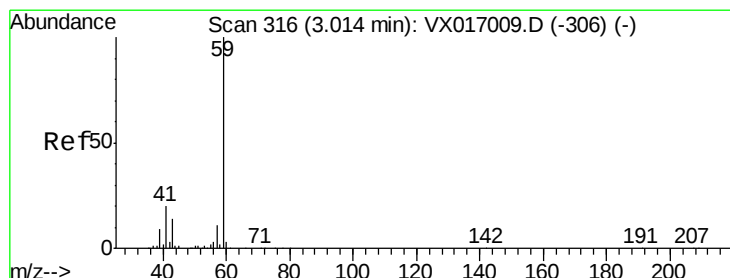
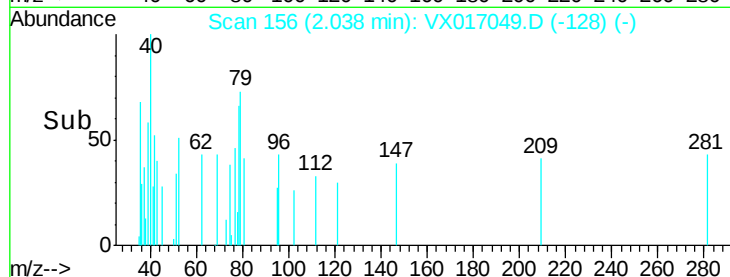
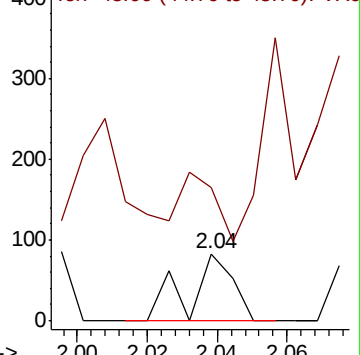
74 100

45 77.8 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 1.471 ug/l

RT: 3.02 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX017049.D

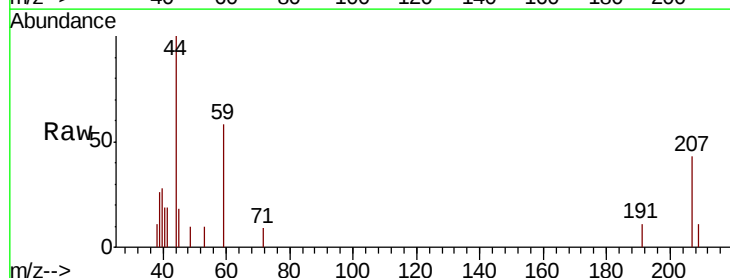
Acq: 30 Jun 2020 16:47

Tgt Ion: 59 Resp: 797

Ion Ratio Lower Upper

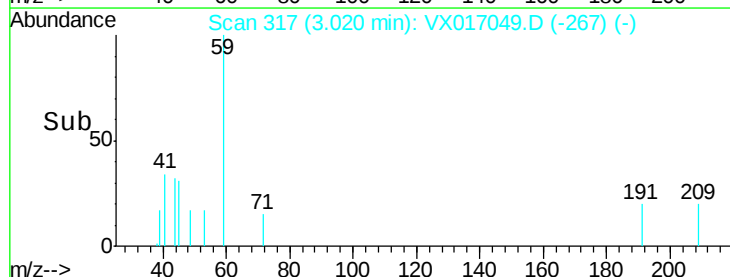
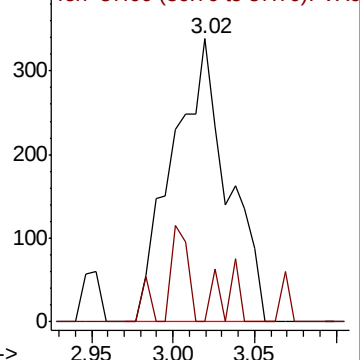
59 100

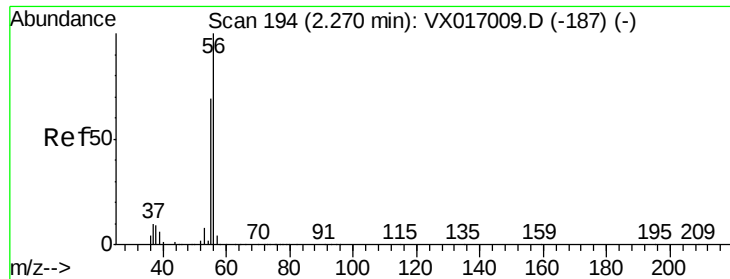
57 2.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

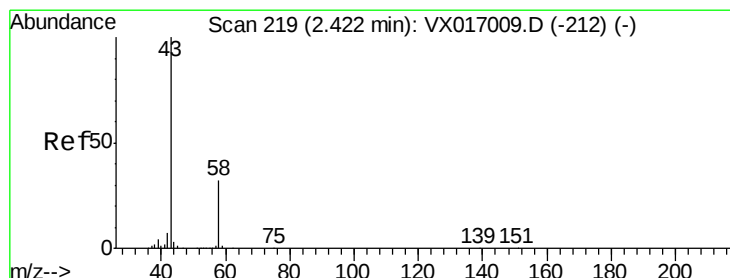
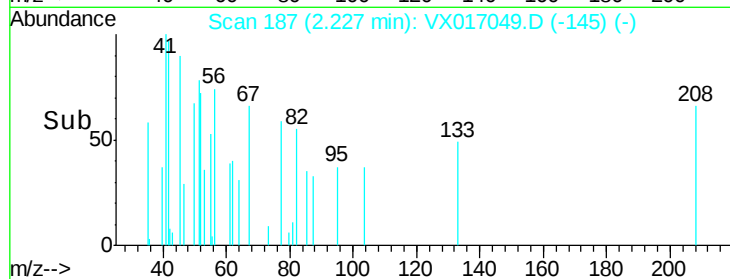
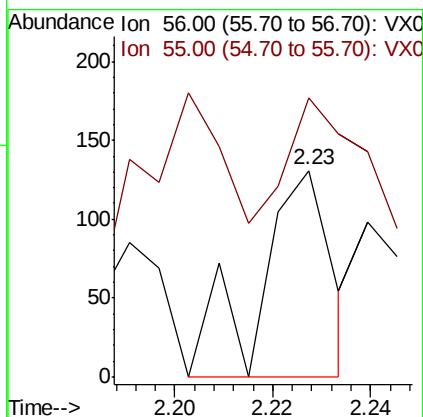
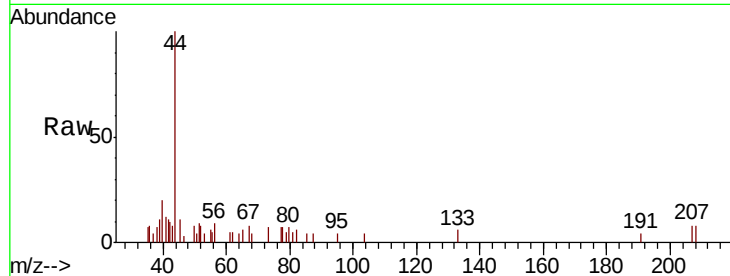




#13
Acrolein
Concen: 0.408 ug/l
RT: 2.23 min Scan# 187
Delta R.T. -0.04 min
Lab File: VX017049.D
Acq: 30 Jun 2020 16:47

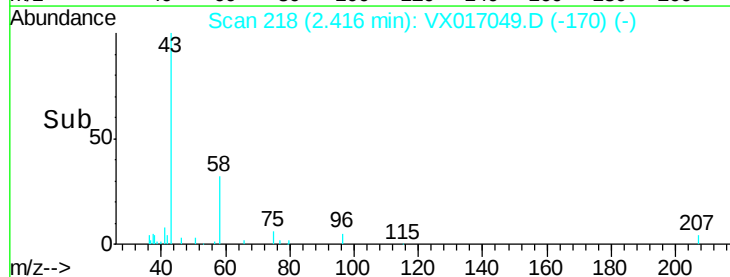
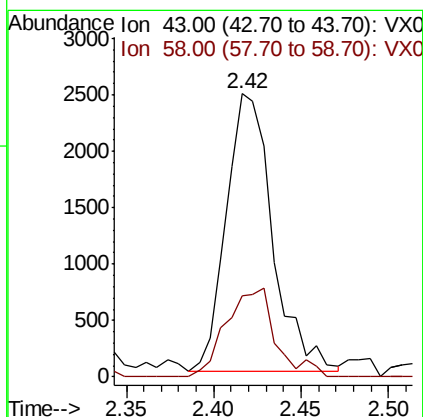
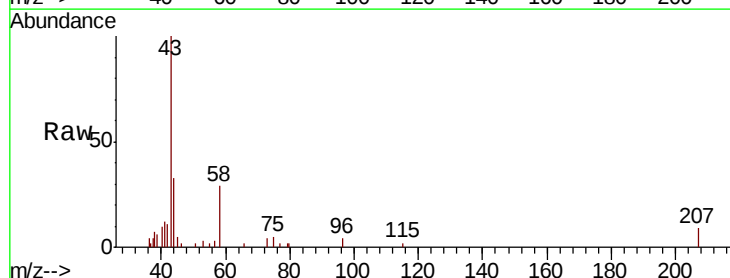
Instrument :
MSVOA_X
ClientSampleId :
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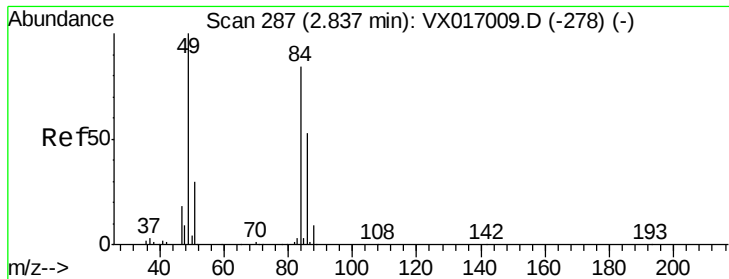
Tot Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 60.6 55.7 83.5



#16
Acetone
Concen: 4.267 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017049.D
Acq: 30 Jun 2020 16:47

Tgt Ion: 43 Resp: 4532
Ion Ratio Lower Upper
43 100
58 29.5 25.7 38.5



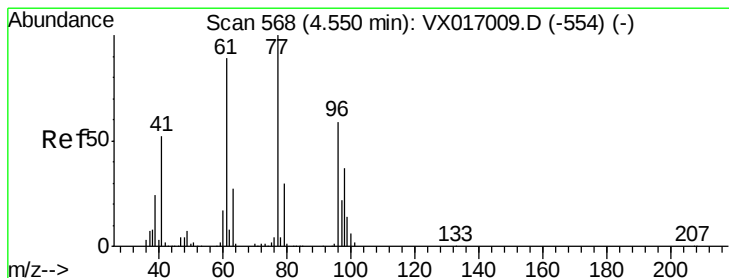
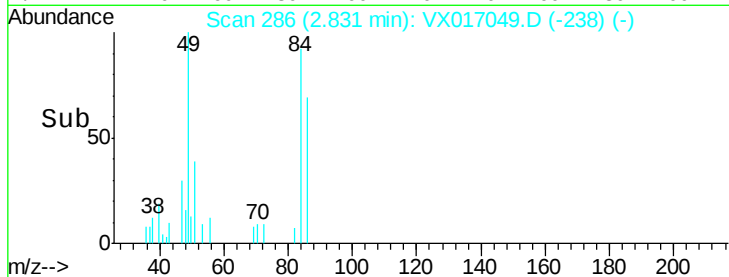
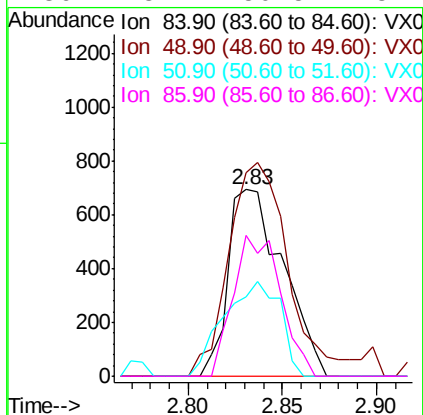
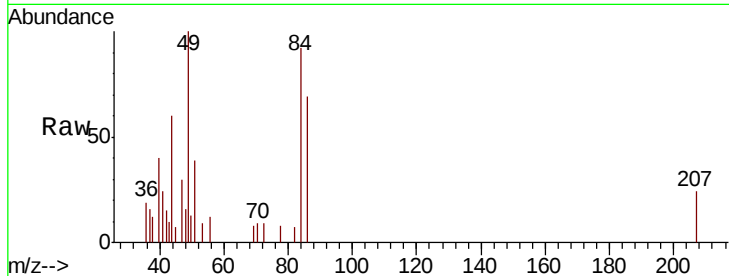


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017049.D
 Acq: 30 Jun 2020 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

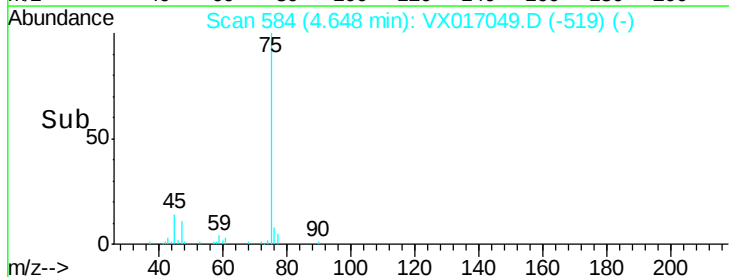
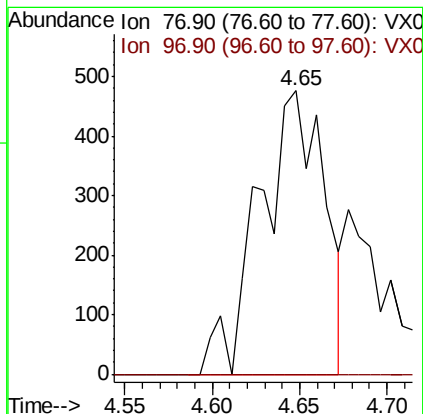
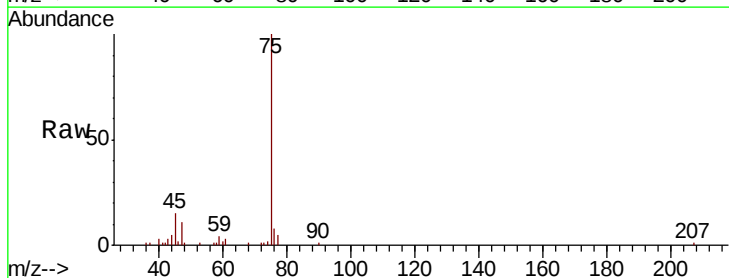
Tot Ion:	84	Resp:	1404
Ion	Ratio	Lower	Upper
84	100		
49	108.8	94.7	142.1
51	42.5	28.6	42.8
86	75.2	50.5	75.7

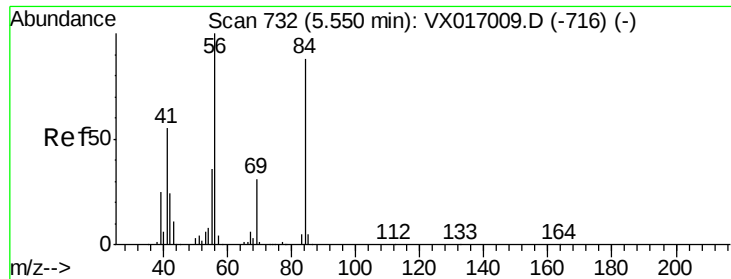


#26

2,2-Dichloropropane
 Concen: 0.313 ug/l
 RT: 4.65 min Scan# 584
 Delta R.T. 0.10 min
 Lab File: VX017049.D
 Acq: 30 Jun 2020 16:47

Tgt Ion:	77	Resp:	1233
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.2#

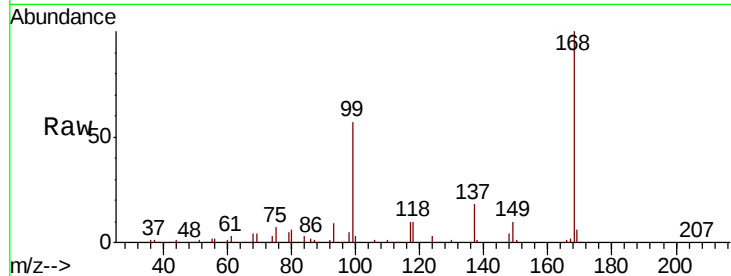




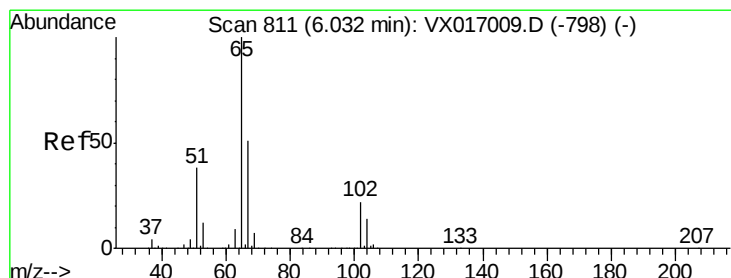
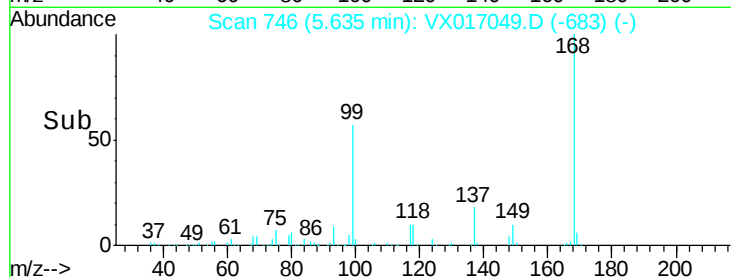
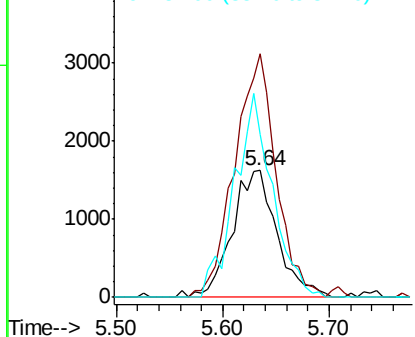
#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX017049.D
Acq: 30 Jun 2020 16:47

Instrument :
MSVOA_X
ClientSampled :
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Tot Ion: 56 Resp: 4792
Ion Ratio Lower Upper
56 100
69 192.4 25.0 37.4#
84 128.8 69.1 103.7#

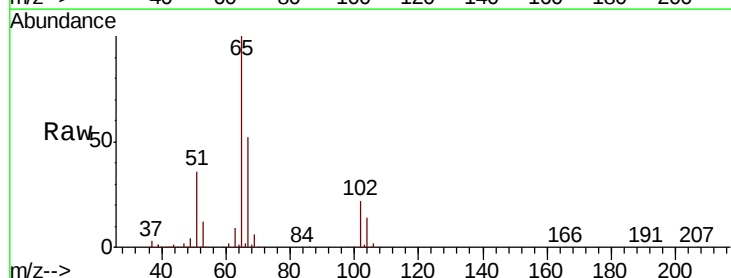


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

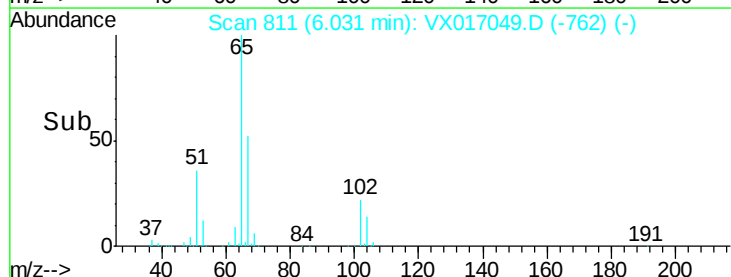
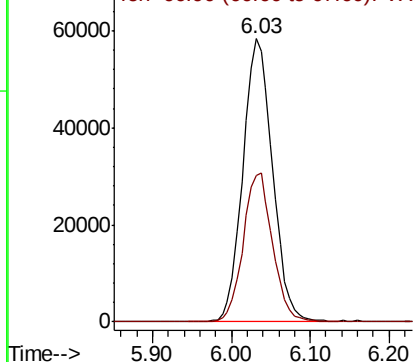


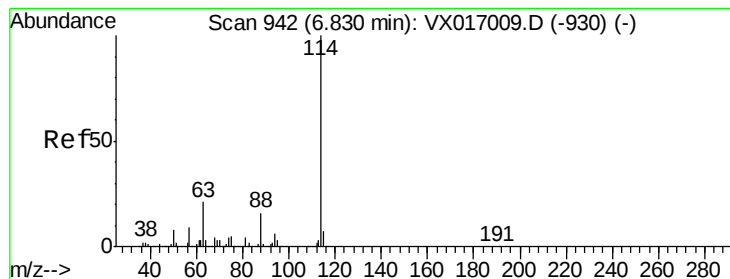
#33
1,2-Dichloroethane-d4
Concen: 53.765 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017049.D
Acq: 30 Jun 2020 16:47

Tgt Ion: 65 Resp: 152652
Ion Ratio Lower Upper
65 100
67 52.1 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: VX017049.D

Acq: 30 Jun 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

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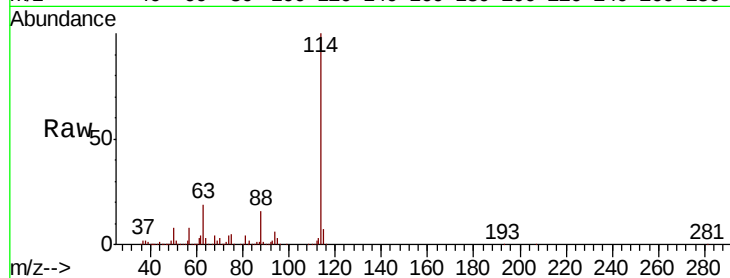
Tot Ion:114 Resp: 400703

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

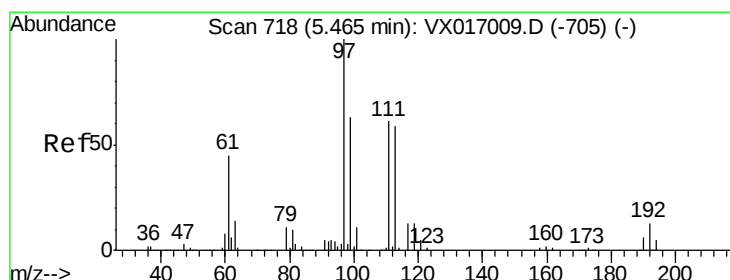
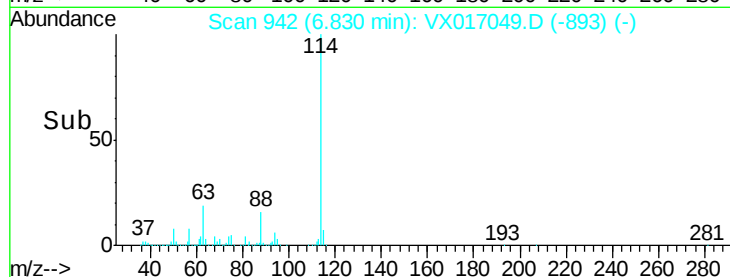
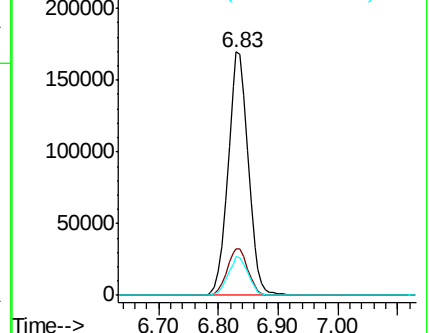
88 15.7 0.0 32.4



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: 51.217 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

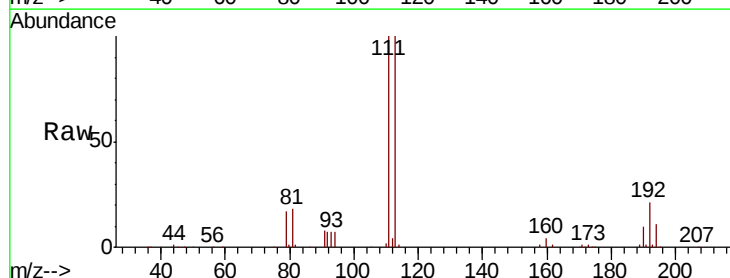
Tgt Ion:113 Resp: 129822

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

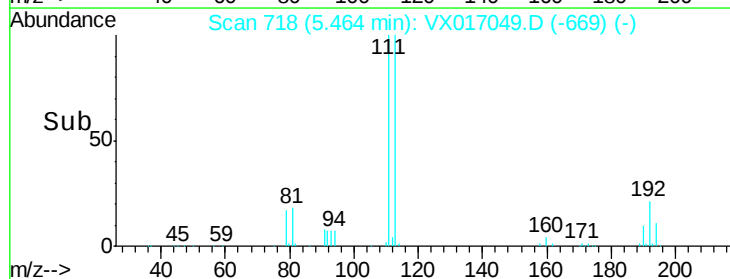
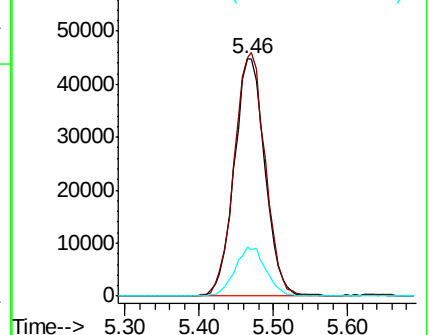
192 20.8 16.7 25.1

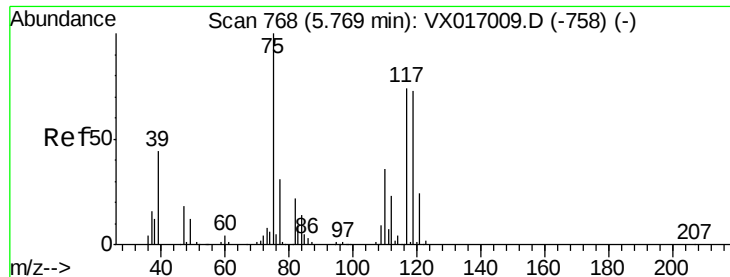


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.604 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

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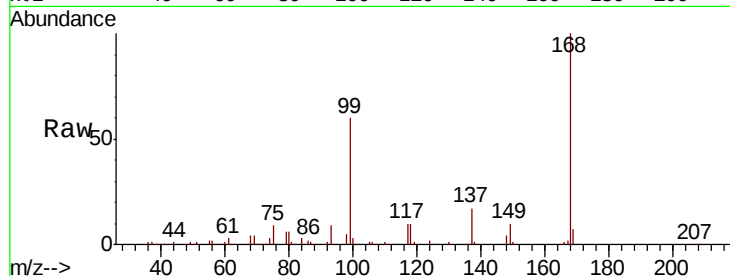
Tot Ion: 75 Resp: 17435

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.1#

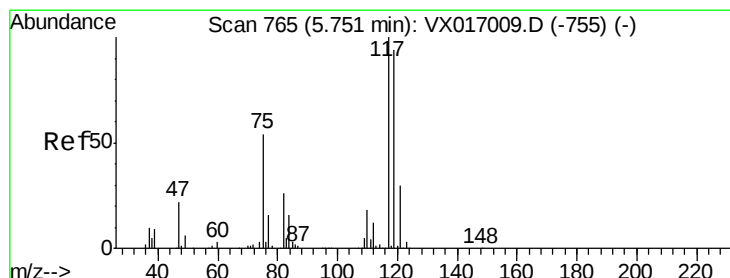
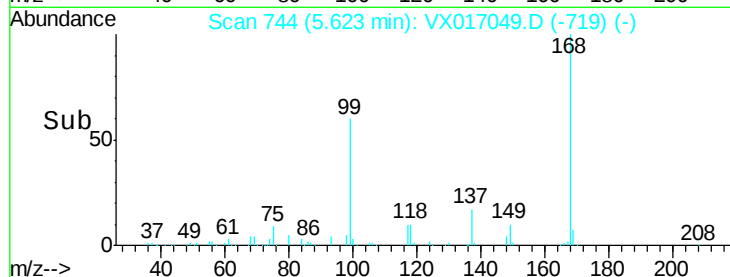
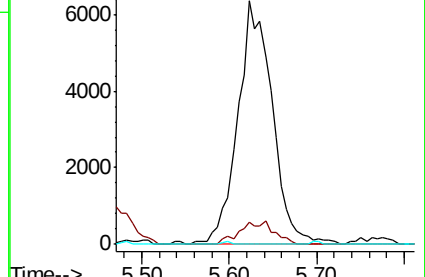
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.394 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

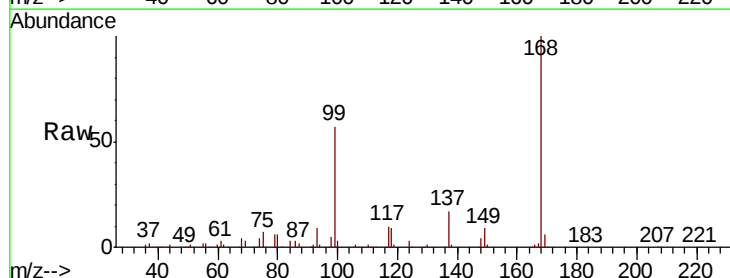
Tgt Ion: 117 Resp: 22501

Ion Ratio Lower Upper

117 100

119 7.9 75.4 113.0#

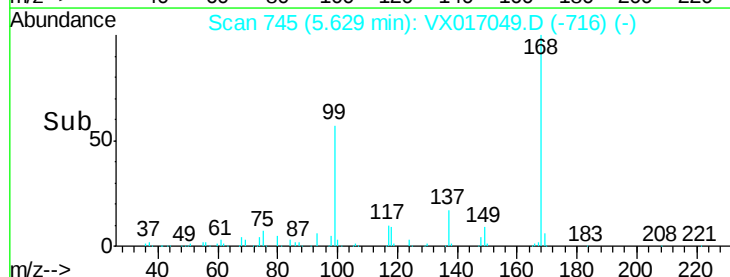
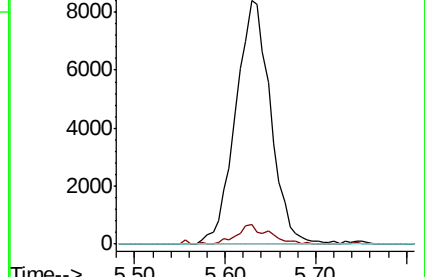
121 0.0 23.8 35.6#

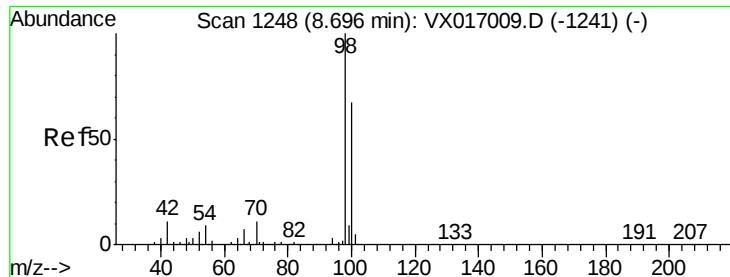


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 52.041 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

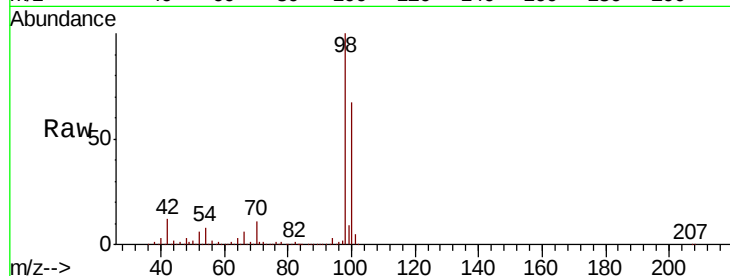
FIELD-BLANK

Tot Ion: 98 Resp: 487775

Ion Ratio Lower Upper

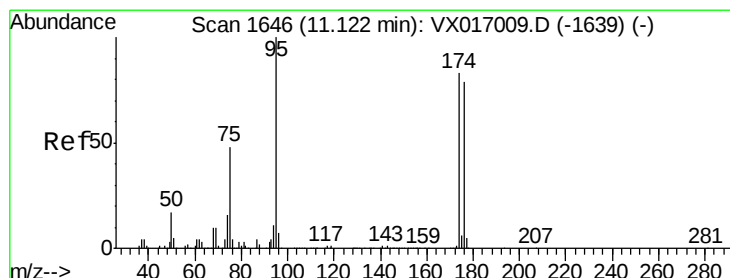
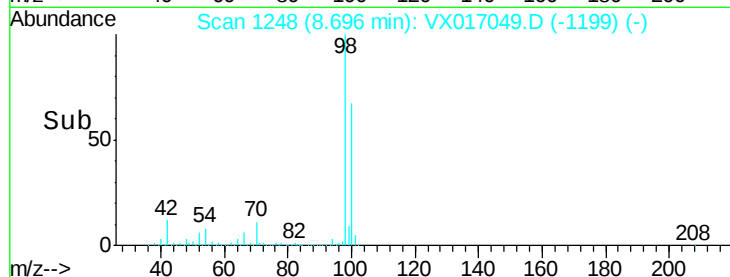
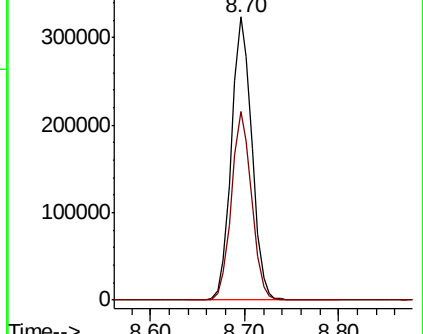
98 100

100 65.6 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: 54.085 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

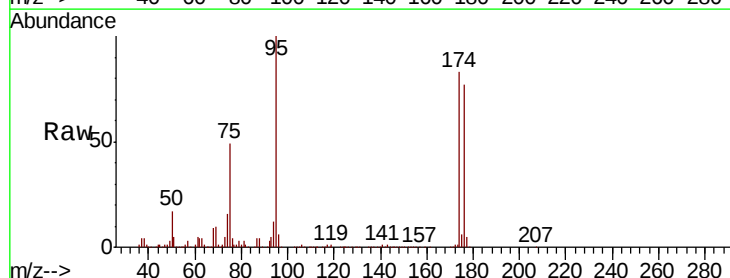
Tgt Ion: 95 Resp: 198166

Ion Ratio Lower Upper

95 100

174 82.4 0.0 164.0

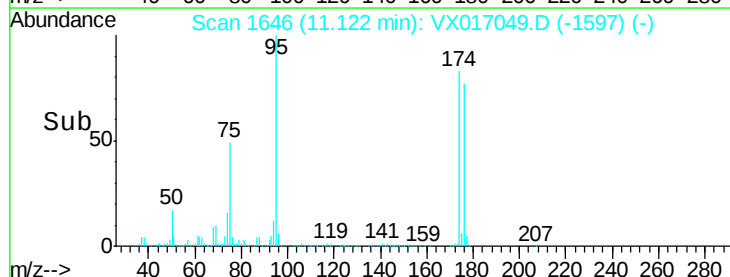
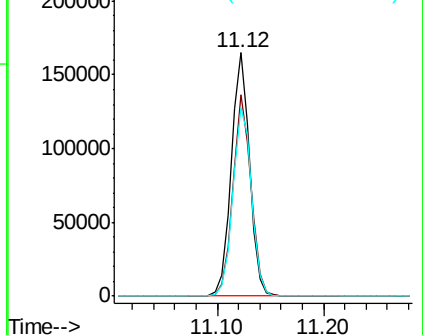
176 79.5 0.0 157.6

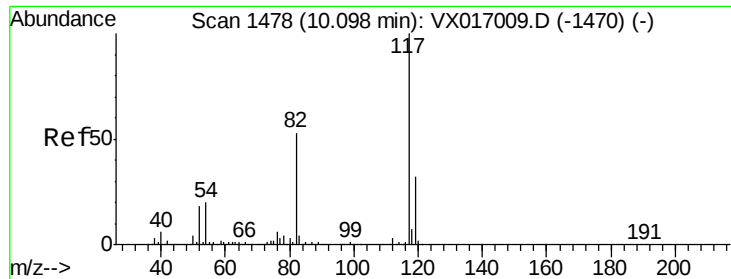


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX017049.D

Acq: 30 Jun 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

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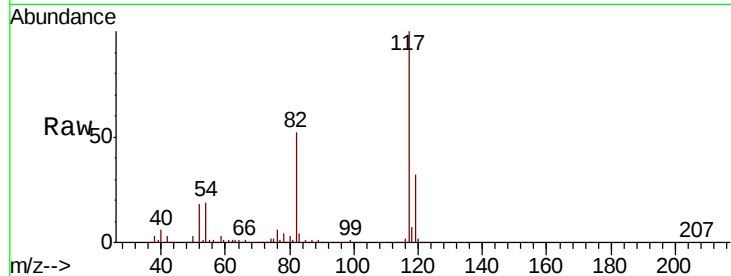
Tot Ion:117 Resp: 407763

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

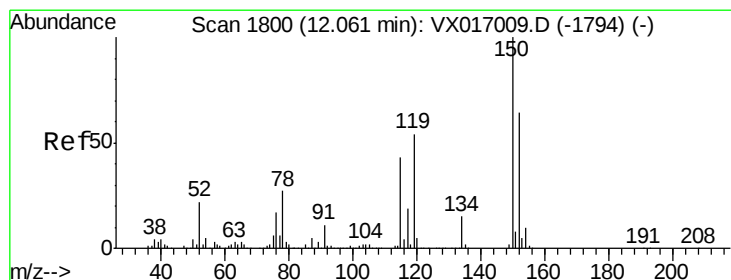
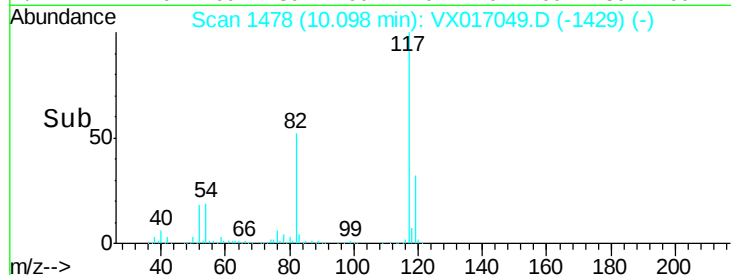
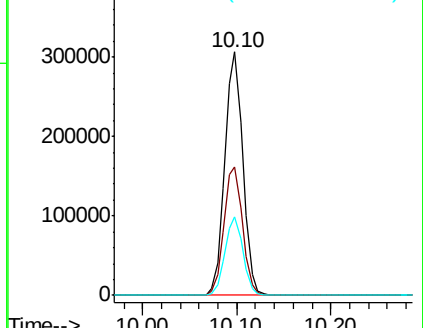
119 32.5 25.4 38.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

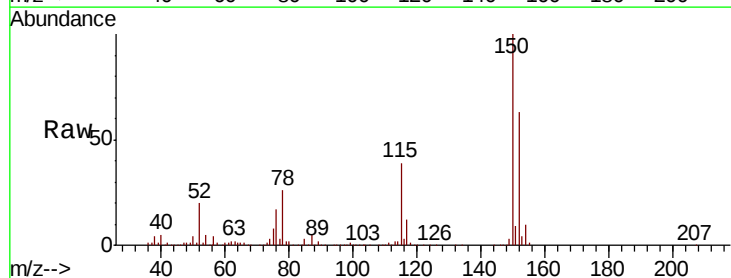
Tgt Ion:152 Resp: 206844

Ion Ratio Lower Upper

152 100

115 58.0 40.9 122.7

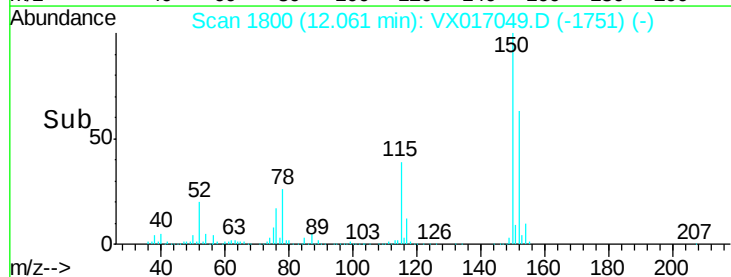
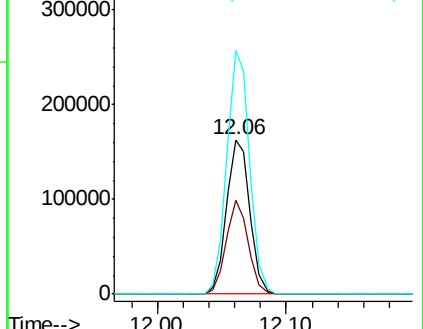
150 155.7 0.0 351.6

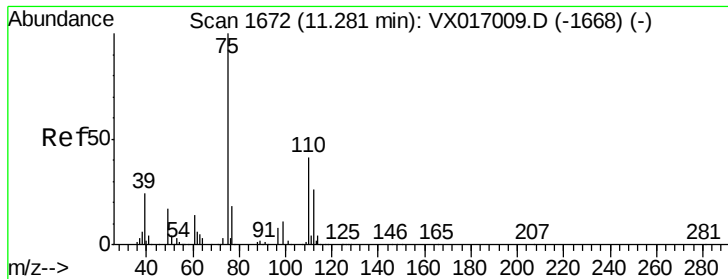


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.946 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

Instrument :

MSVOA_X

ClientSampled :

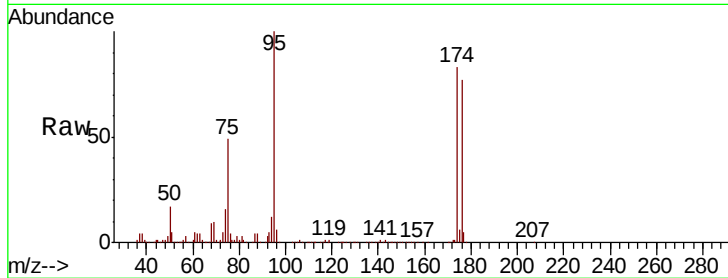
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Tot Ion: 75 Resp: 97401

Ion Ratio Lower Upper

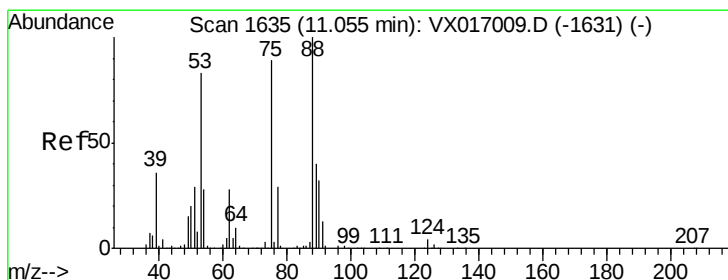
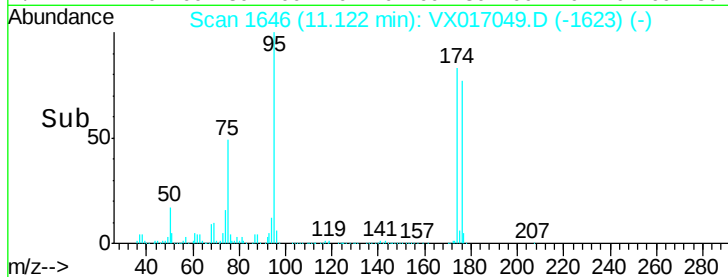
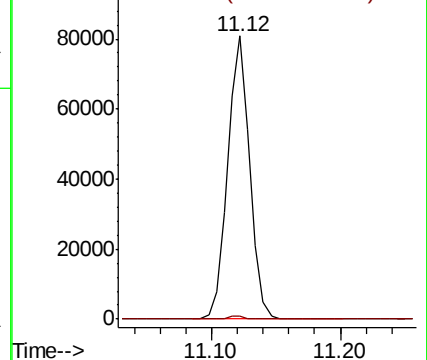
75 100

77 0.9 20.2 60.6#



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: 62.012 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017049.D

Acq: 30 Jun 2020 16:47

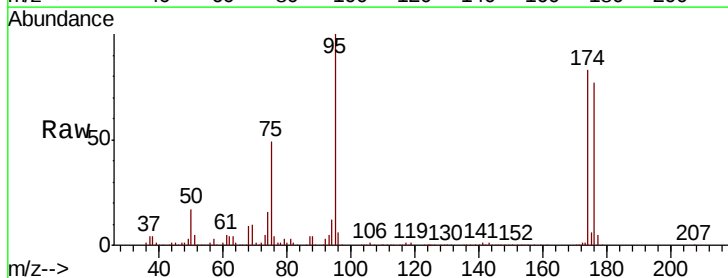
Tgt Ion: 75 Resp: 97401

Ion Ratio Lower Upper

75 100

53 0.3 72.4 108.6#

89 0.2 37.0 55.4#



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

