

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016526.D
 Acq On : 01 Jun 2020 14:13
 Operator : JC/SP
 Sample : L2802-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-DUP-0562-200527

Quant Time: Jun 02 08:28:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	246342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	401002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217351	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	145767	47.65	ug/l	0.00
Spiked Amount						
			Recovery	=	95.30%	
35) Dibromofluoromethane	5.47	113	116814	47.31	ug/l	0.00
Spiked Amount						
			Recovery	=	94.62%	
50) Toluene-d8	8.70	98	510406	53.11	ug/l	0.00
Spiked Amount						
			Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.12	95	212581	57.25	ug/l	0.00
Spiked Amount						
			Recovery	=	114.50%	

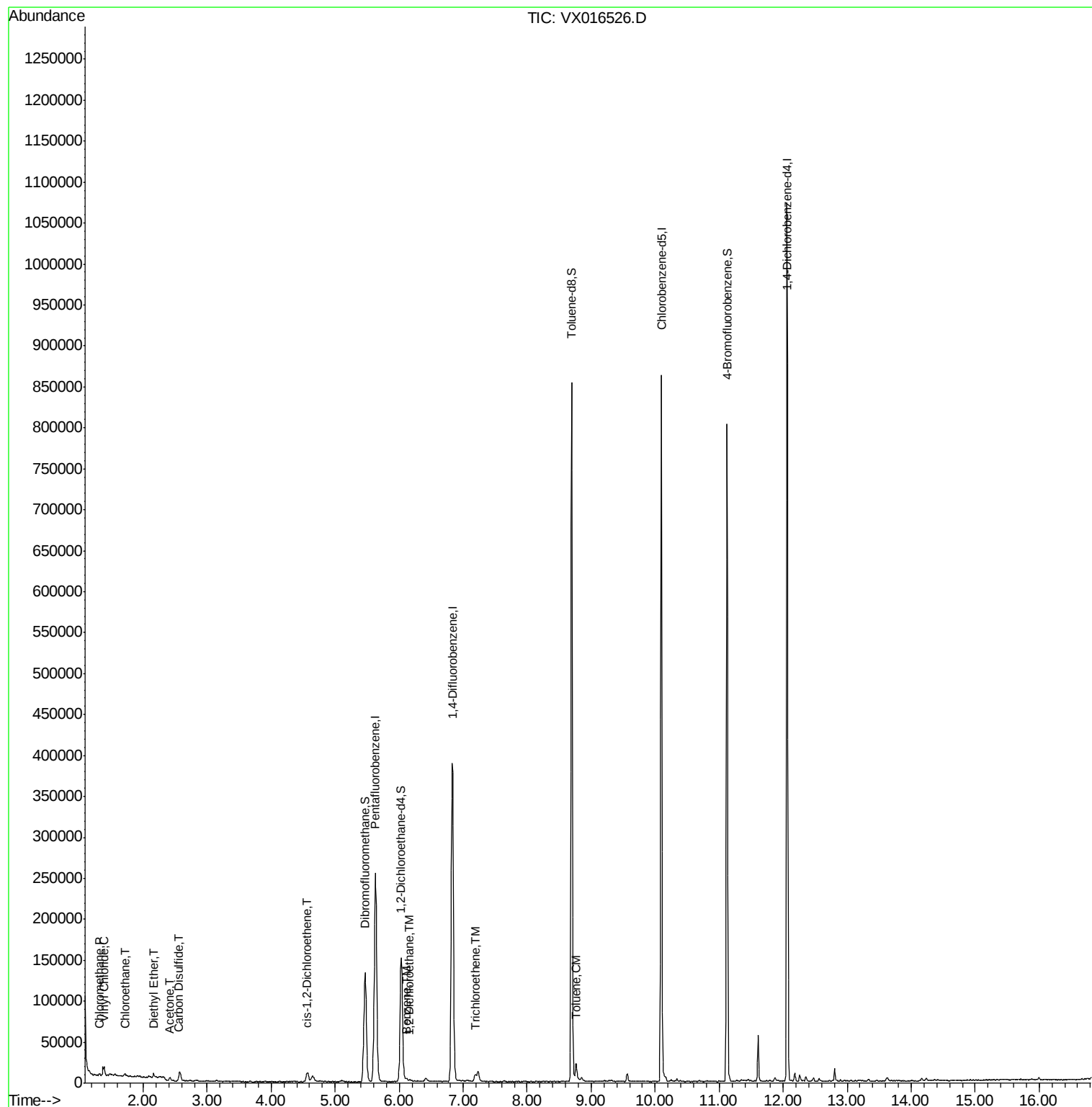
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1736	0.593	ug/l	97
4) Vinyl Chloride	1.39	62	5615	1.812	ug/l	93
6) Chloroethane	1.72	64	1973	1.092	ug/l	91
8) Diethyl Ether	2.17	74	2088	1.231	ug/l	83
16) Acetone	2.42	43	3962	2.956	ug/l	100
17) Carbon Disulfide	2.55	76	5123	0.728	ug/l #	91
27) cis-1,2-Dichloroethene	4.56	96	7892	2.602	ug/l	88
40) Benzene	6.11	78	3088	0.273	ug/l	98
42) 1,2-Dichloroethane	6.16	62	1666	0.414	ug/l	89
44) Trichloroethene	7.19	130	3158	0.880	ug/l	90
52) Toluene	8.77	92	6539	0.917	ug/l	98

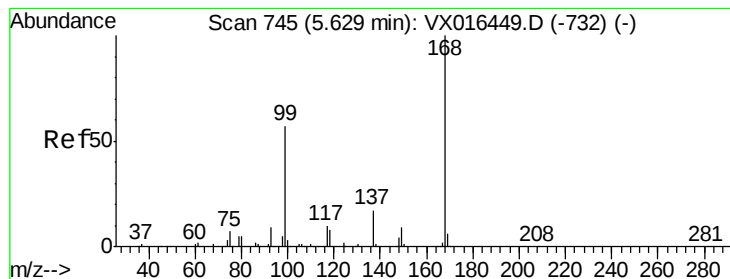
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060120\
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Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

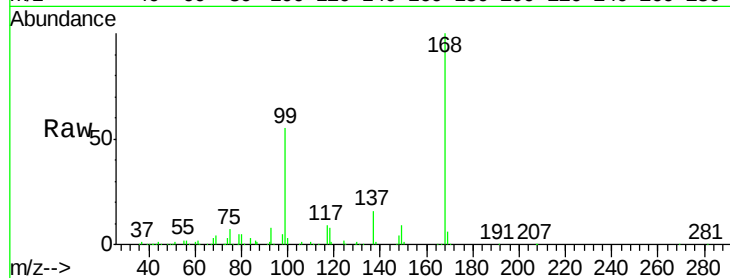
Z5-DUP-0562-200527

Tot Ion:168 Resp: 246342

Ion Ratio Lower Upper

168 100

99 54.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

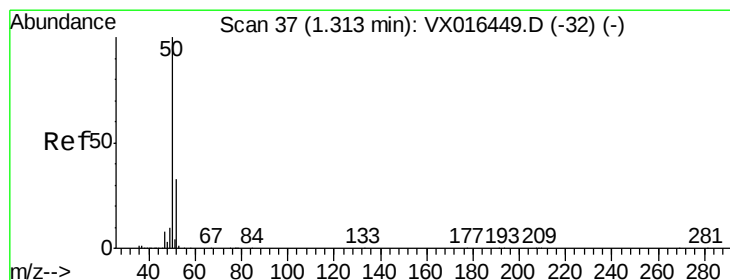
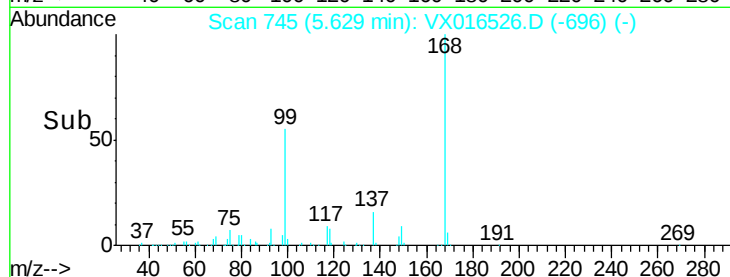
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.593 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016526.D

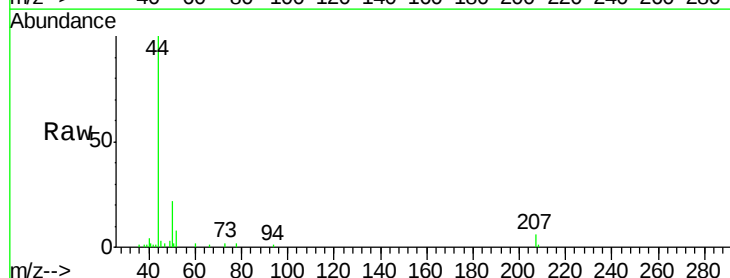
Acq: 01 Jun 2020 14:13

Tgt Ion: 50 Resp: 1736

Ion Ratio Lower Upper

50 100

52 34.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

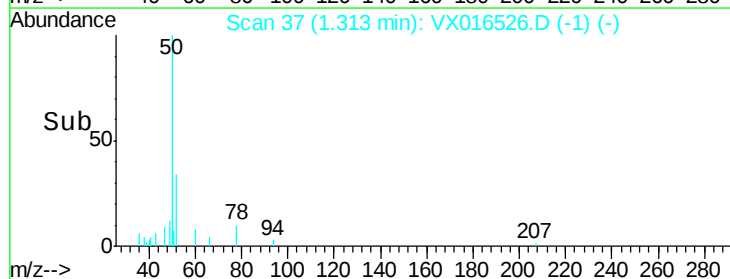
1500

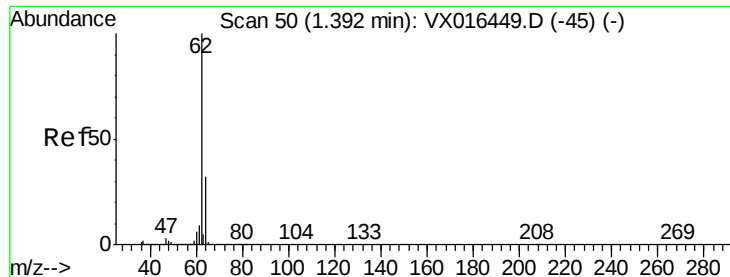
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 1.812 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

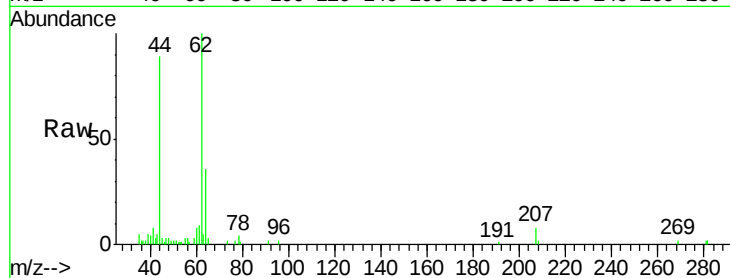
Z5-DUP-0562-200527

Tot Ion: 62 Resp: 5615

Ion Ratio Lower Upper

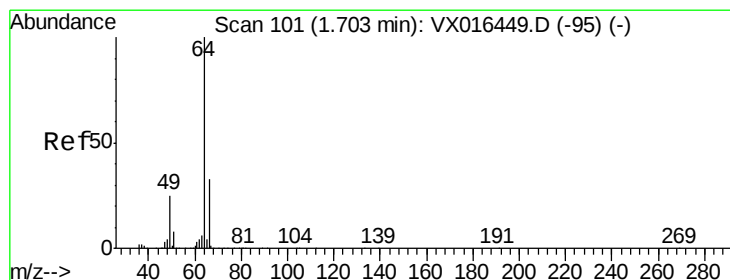
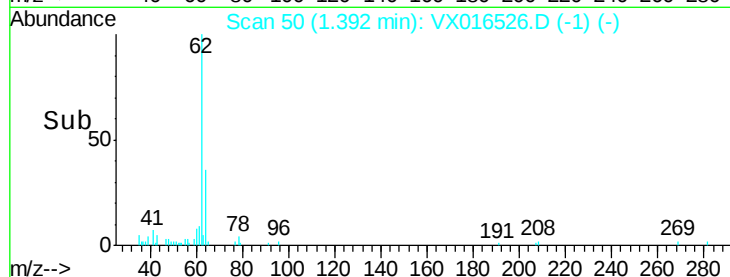
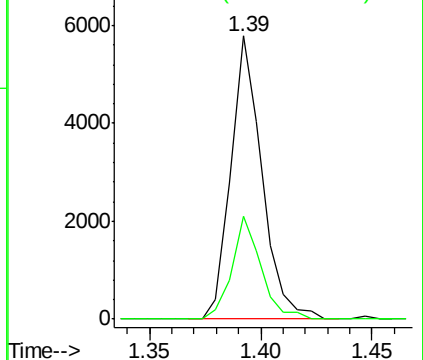
62 100

64 36.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: 1.092 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016526.D

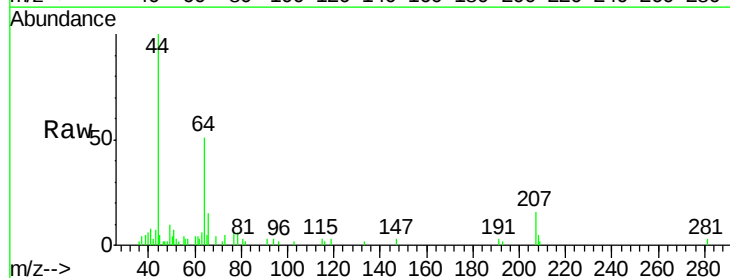
Acq: 01 Jun 2020 14:13

Tgt Ion: 64 Resp: 1973

Ion Ratio Lower Upper

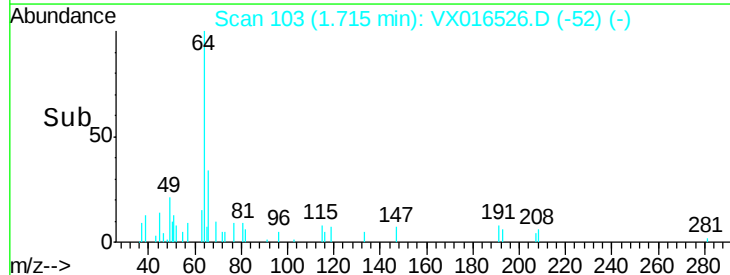
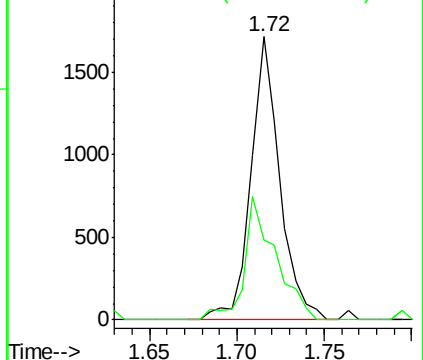
64 100

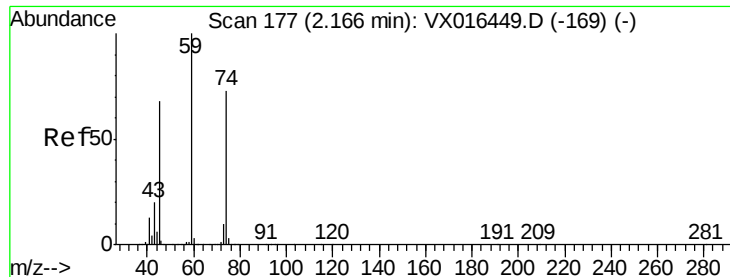
66 28.4 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: 1.231 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

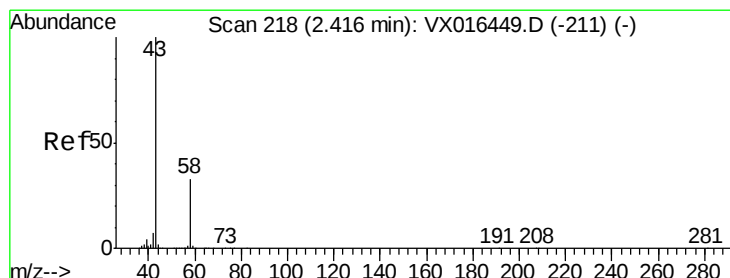
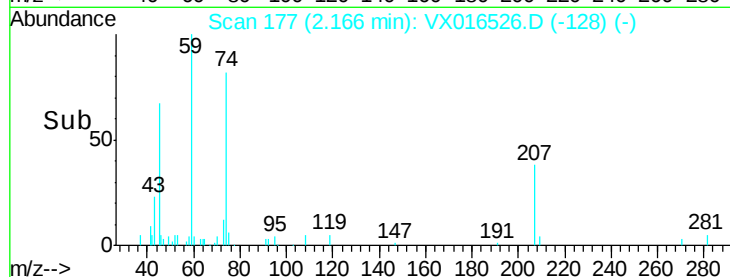
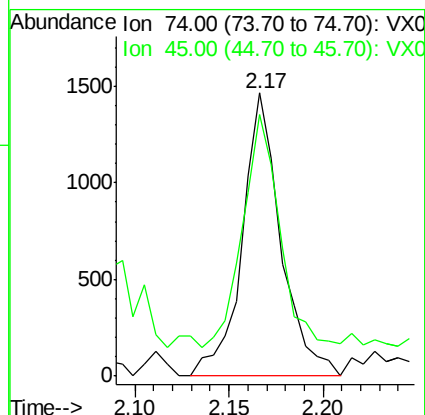
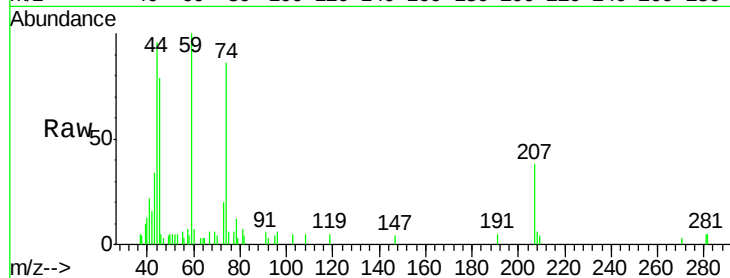
Z5-DUP-0562-200527

Tot Ion: 74 Resp: 2088

Ion Ratio Lower Upper

74 100

45 78.9 47.5 142.5



#16

Acetone

Concen: 2.956 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016526.D

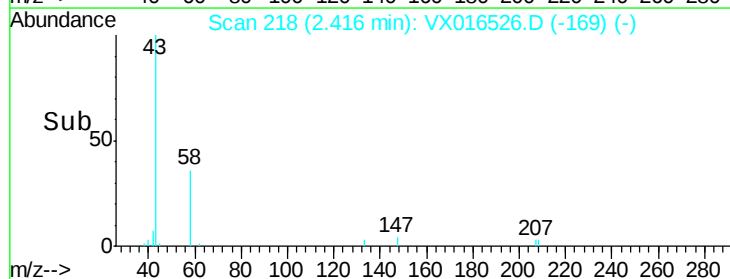
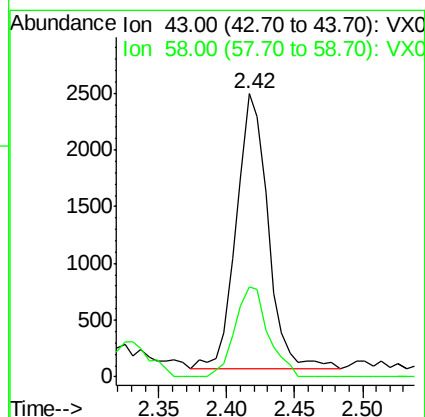
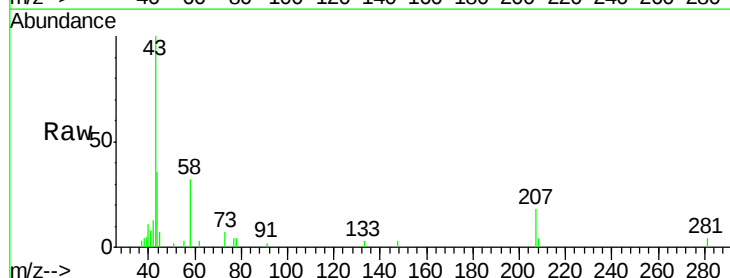
Acq: 01 Jun 2020 14:13

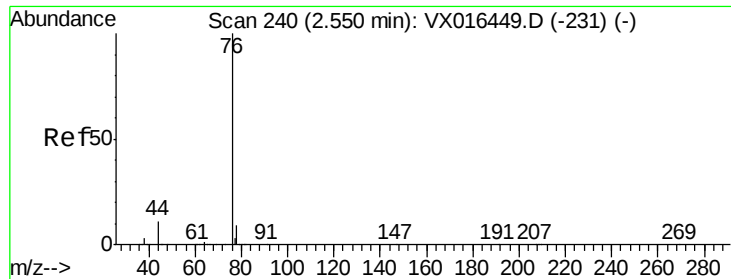
Tgt Ion: 43 Resp: 3962

Ion Ratio Lower Upper

43 100

58 32.8 26.1 39.1





#17

Carbon Disulfide

Concen: 0.728 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

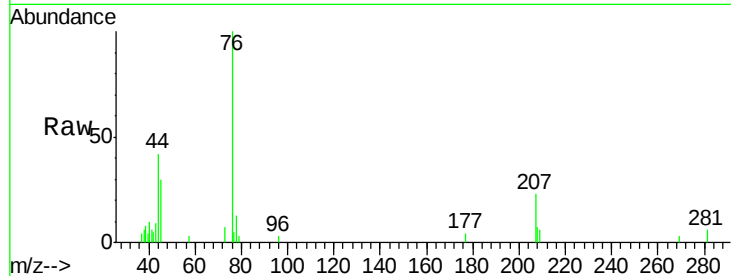
Z5-DUP-0562-200527

Tot Ion: 76 Resp: 5123

Ion Ratio Lower Upper

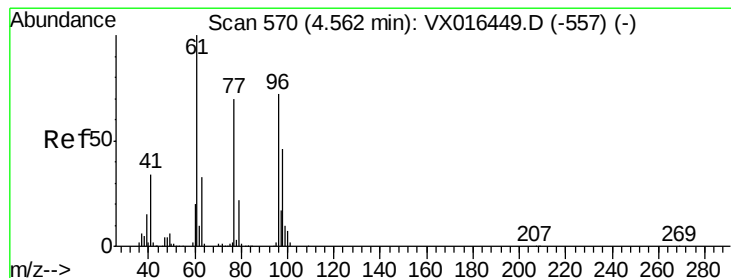
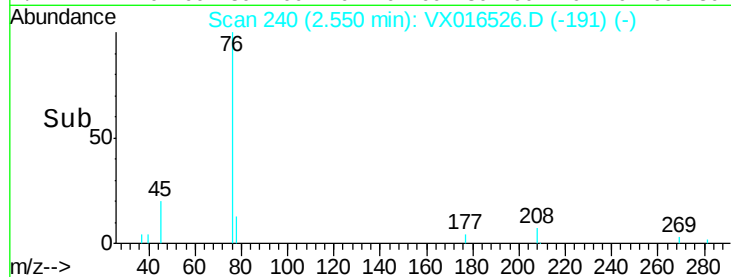
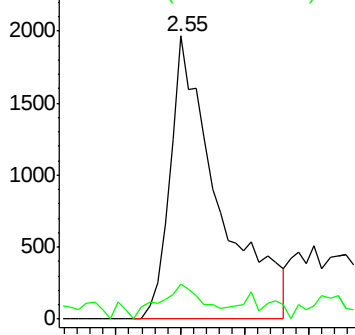
76 100

78 12.5 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.602 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

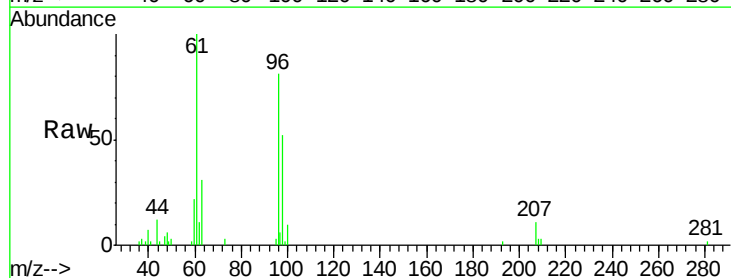
Tgt Ion: 96 Resp: 7892

Ion Ratio Lower Upper

96 100

61 121.3 0.0 284.6

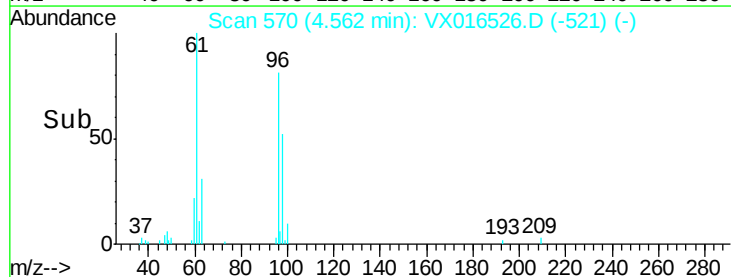
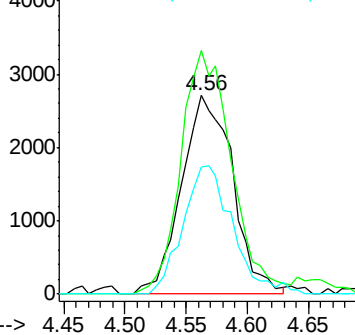
98 62.7 0.0 127.2

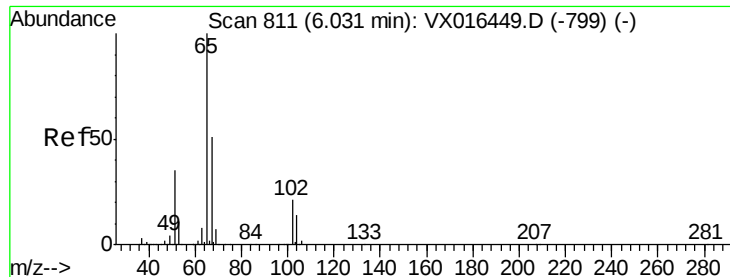


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

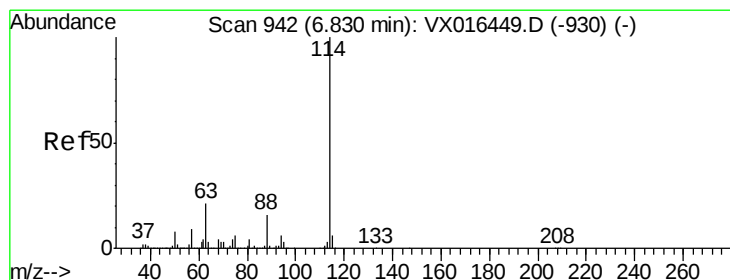
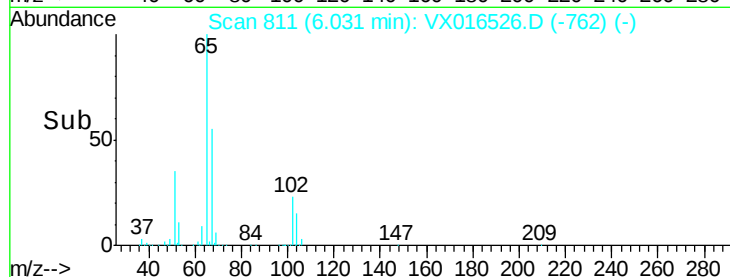
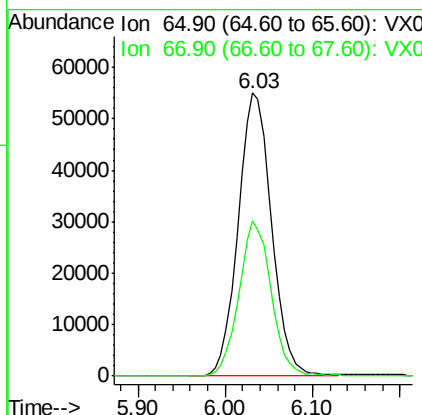
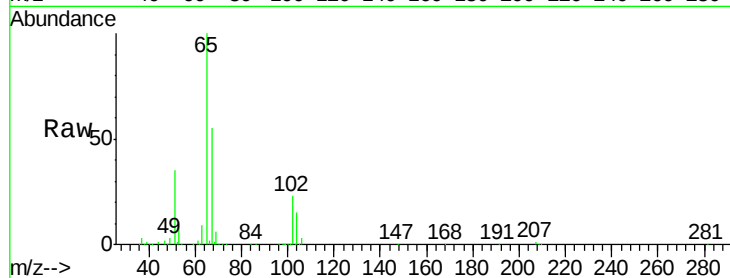




#33
 1,2-Dichloroethane-d4
 Concen: 47.648 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016526.D
 Acq: 01 Jun 2020 14:13

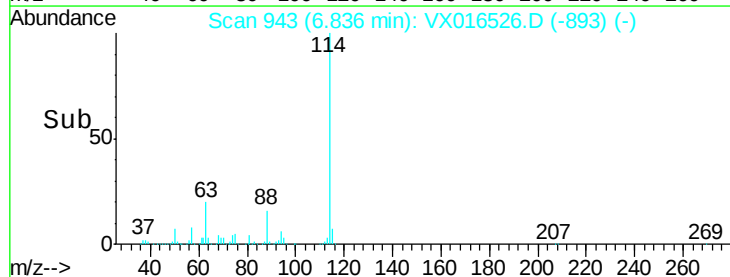
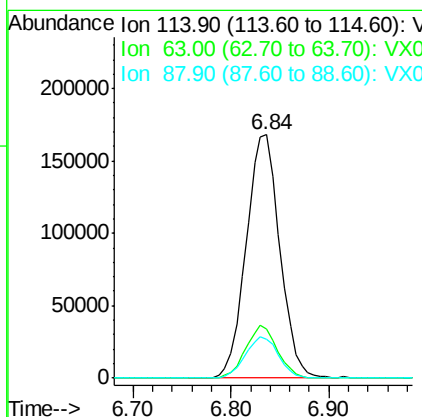
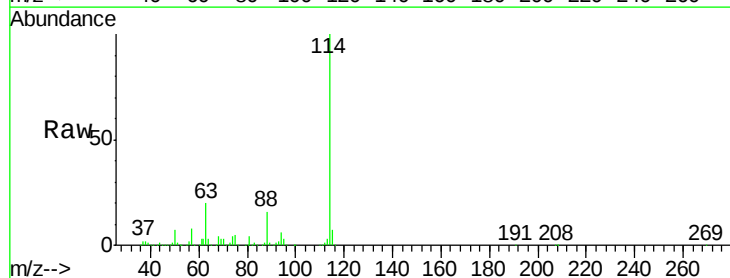
Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-DUP-0562-200527

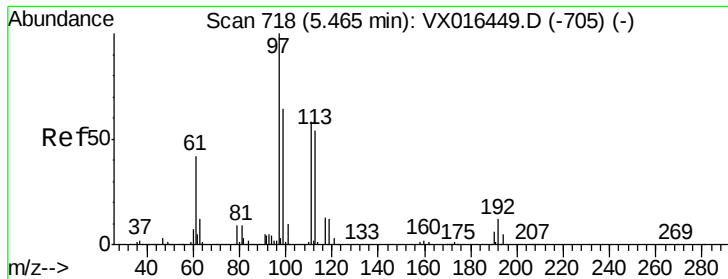
Tot Ion: 65 Resp: 145767
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016526.D
 Acq: 01 Jun 2020 14:13

Tgt Ion: 114 Resp: 401002
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 15.8 0.0 32.8

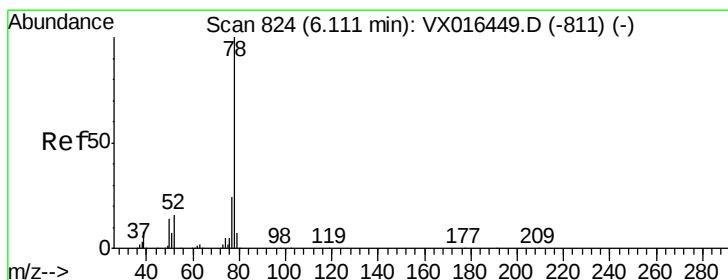
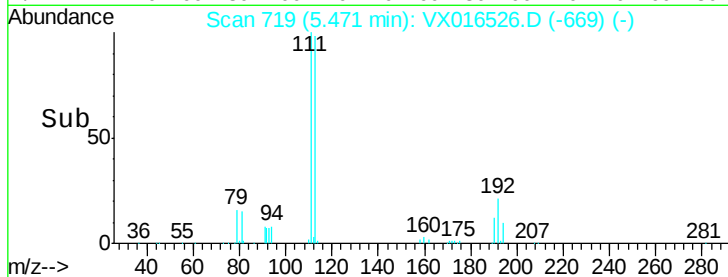
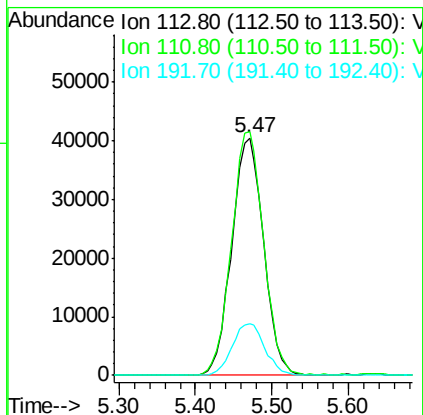
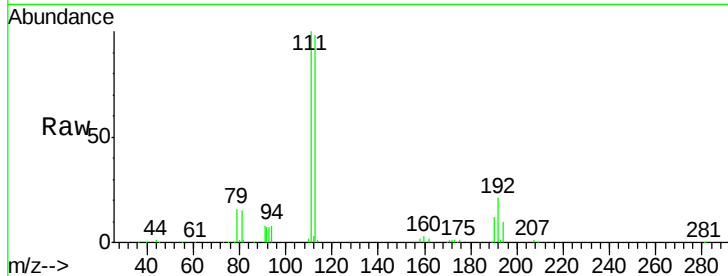




#35
 Dibromofluoromethane
 Concen: 47.309 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016526.D
 Acq: 01 Jun 2020 14:13

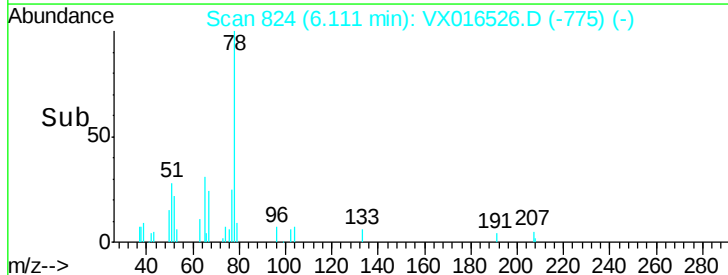
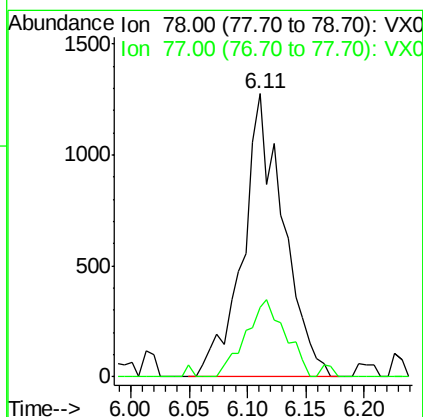
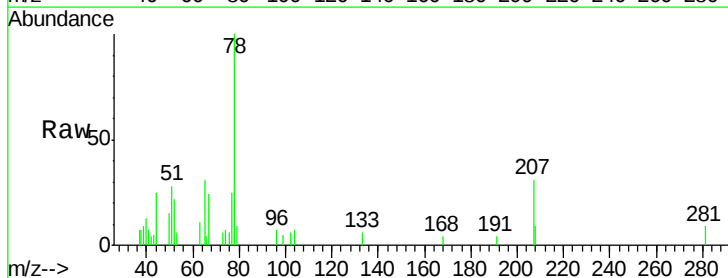
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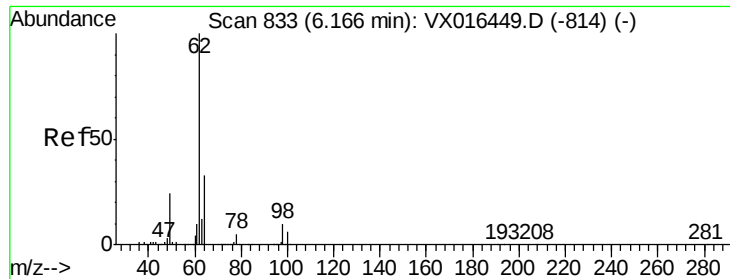
Tot Ion:113 Resp: 116814
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.0 124.6
 192 22.2 17.7 26.5



#40
 Benzene
 Concen: 0.273 ug/l
 RT: 6.11 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: VX016526.D
 Acq: 01 Jun 2020 14:13

Tgt Ion: 78 Resp: 3088
 Ion Ratio Lower Upper
 78 100
 77 24.5 18.9 28.3





#42

1,2-Dichloroethane

Concen: 0.414 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

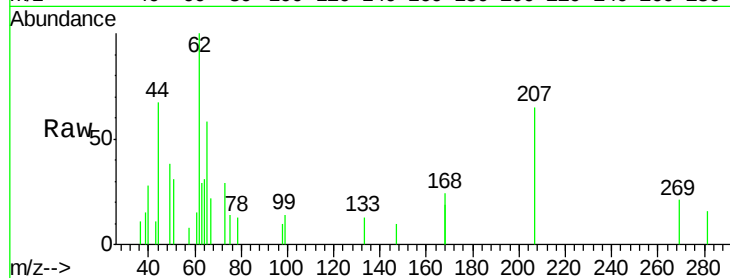
Z5-DUP-0562-200527

Tot Ion: 62 Resp: 1666

Ion Ratio Lower Upper

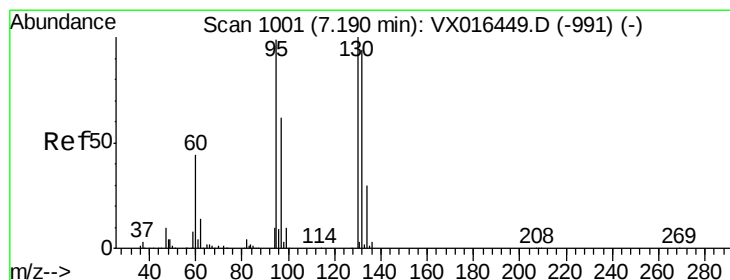
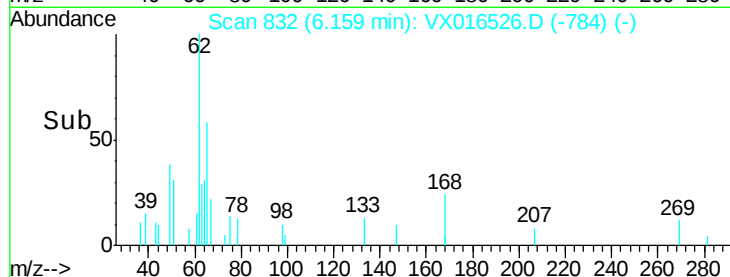
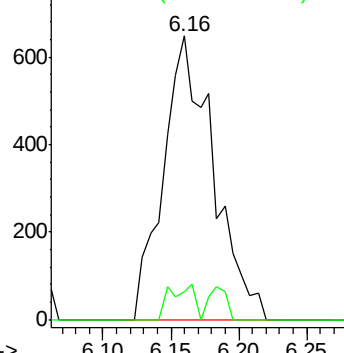
62 100

98 5.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 0.880 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016526.D

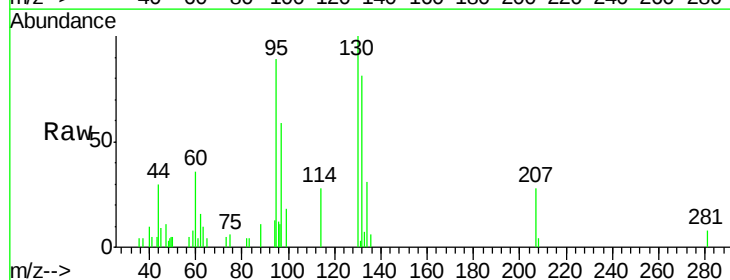
Acq: 01 Jun 2020 14:13

Tgt Ion:130 Resp: 3158

Ion Ratio Lower Upper

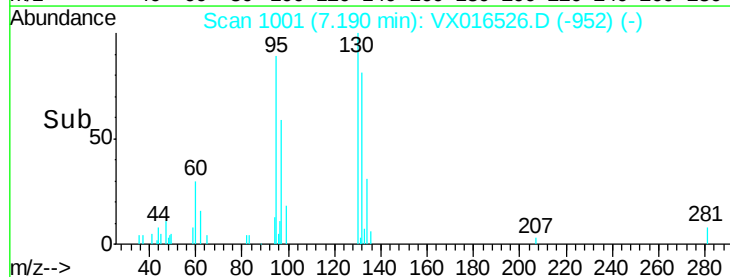
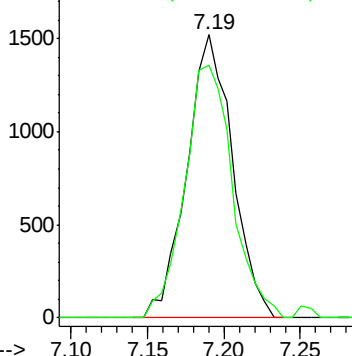
130 100

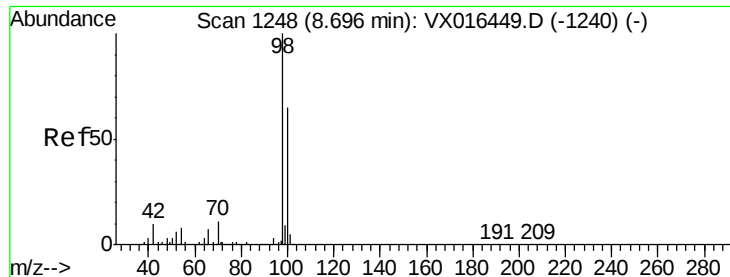
95 89.1 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 53.109 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

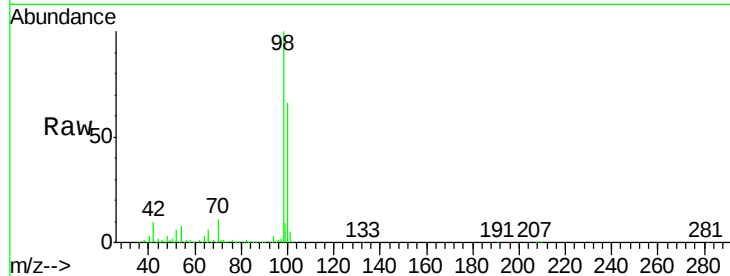
Z5-DUP-0562-200527

Tot Ion: 98 Resp: 510406

Ion Ratio Lower Upper

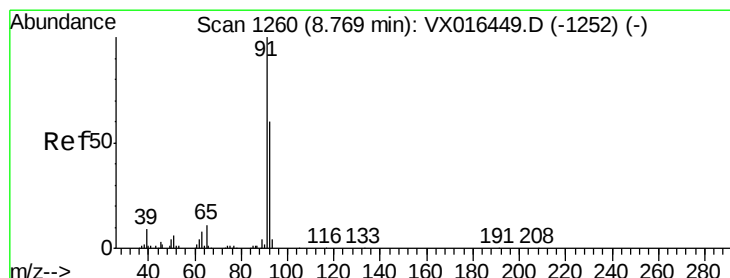
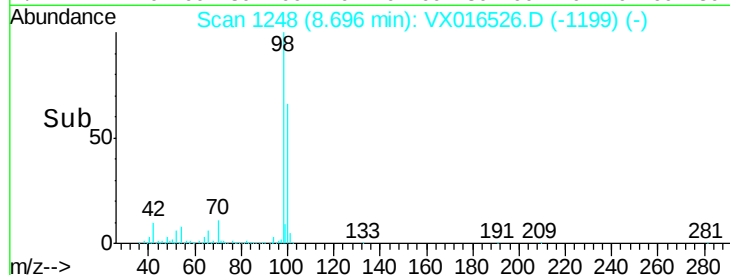
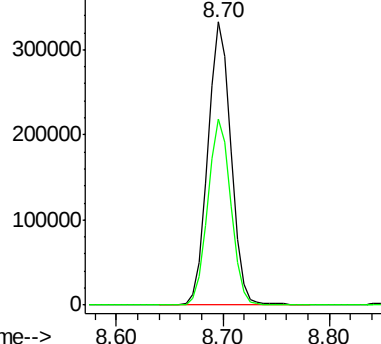
98 100

100 65.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.917 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016526.D

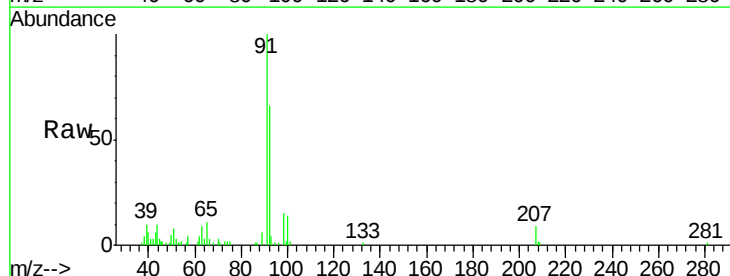
Acq: 01 Jun 2020 14:13

Tgt Ion: 92 Resp: 6539

Ion Ratio Lower Upper

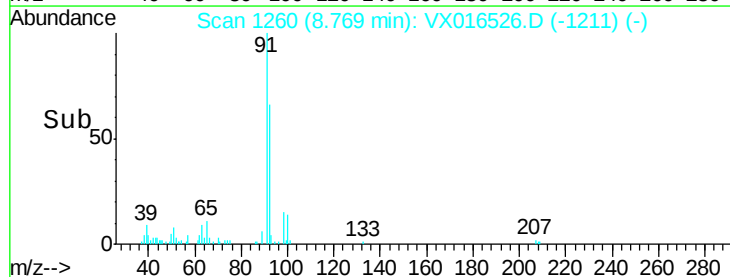
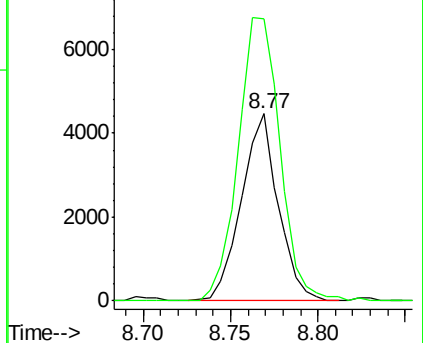
92 100

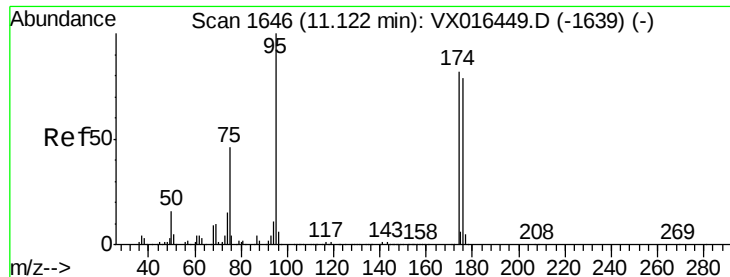
91 171.8 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 57.246 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

Z5-DUP-0562-200527

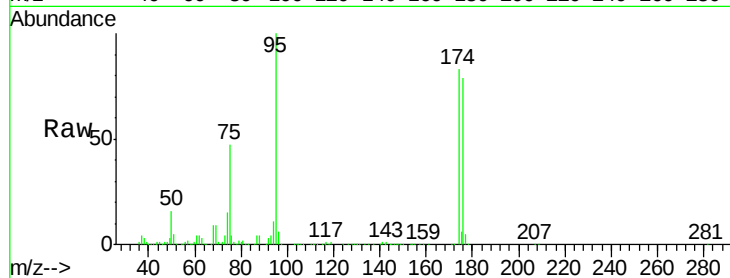
Tot Ion: 95 Resp: 212581

Ion Ratio Lower Upper

95 100

174 83.3 0.0 163.0

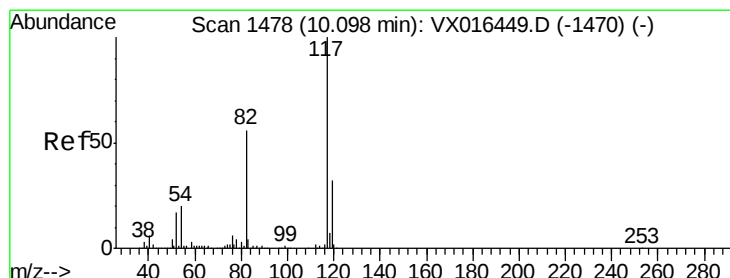
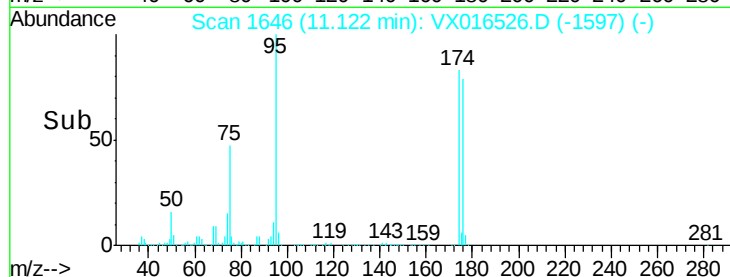
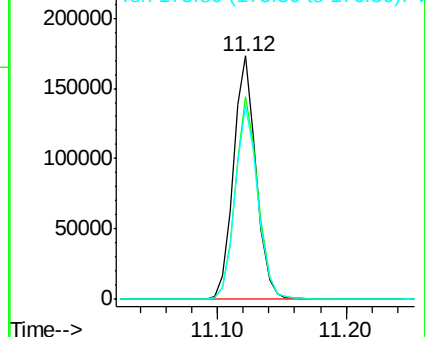
176 79.7 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

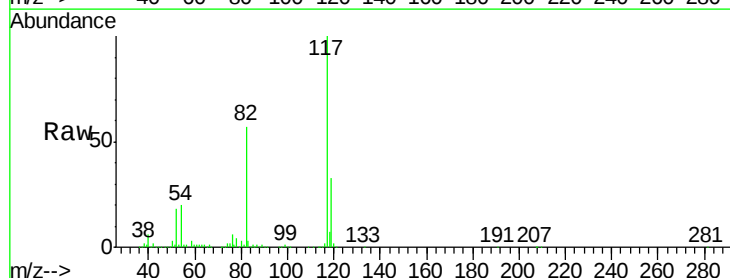
Tgt Ion: 117 Resp: 412961

Ion Ratio Lower Upper

117 100

82 56.9 45.0 67.6

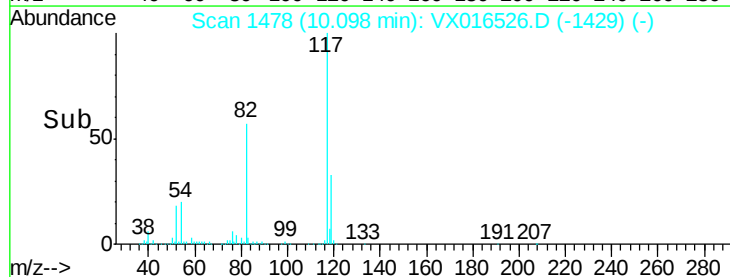
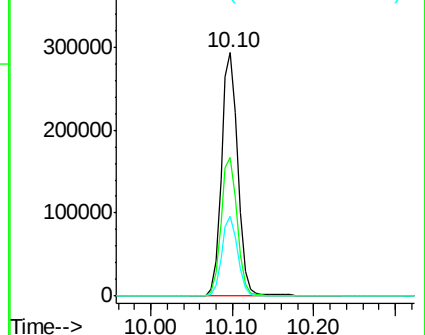
119 32.6 25.8 38.8

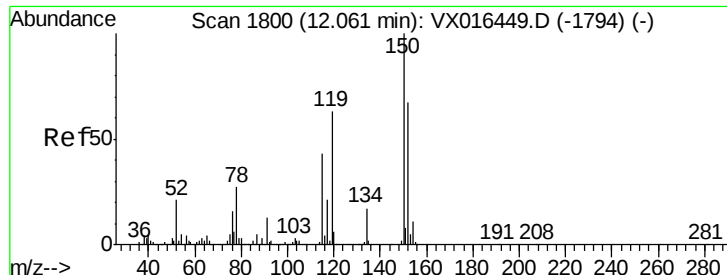


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016526.D

Acq: 01 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

Z5-DUP-0562-200527

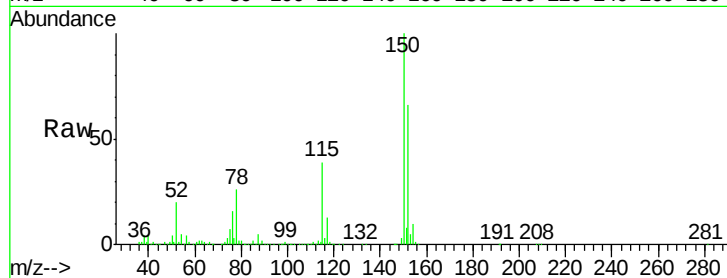
Tot Ion:152 Resp: 217351

Ion Ratio Lower Upper

152 100

115 59.4 39.9 119.6

150 157.6 0.0 341.0



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

