

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009527.D
 Acq On : 11 May 2019 15:54
 Operator : JC/SP
 Sample : K2799-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-7

Quant Time: May 12 02:00:27 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	179254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107129	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118650	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.50	113	87305	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.71	98	360054	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.13	95	117433	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	

Target Compounds

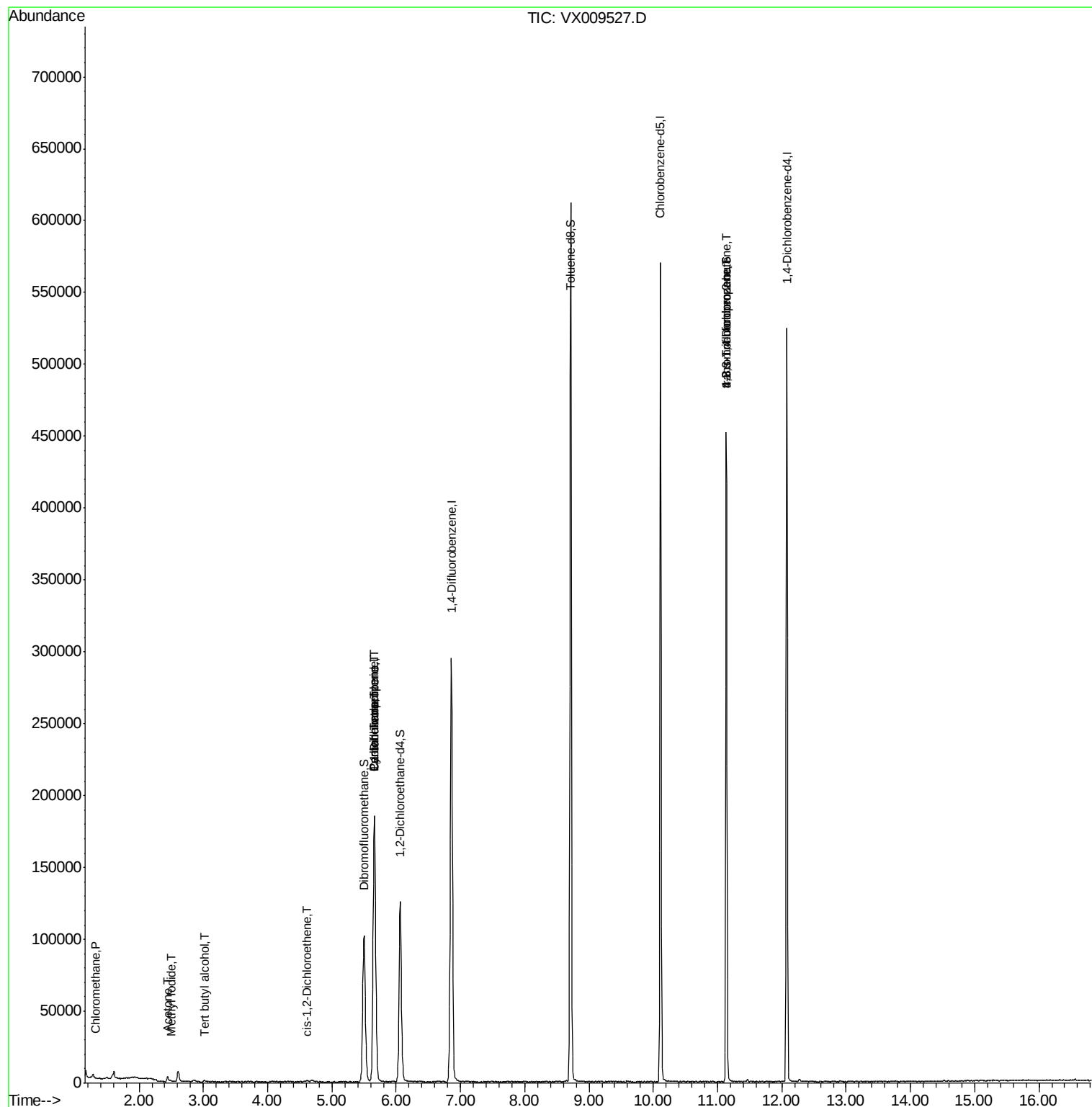
					Qvalue
3) Chloromethane	1.33	50	454	0.201 ug/l #	79
10) Methyl Iodide	2.51	142	107	4.644 ug/l #	42
11) Tert butyl alcohol	3.03	59	830	1.465 ug/l	99
16) Acetone	2.45	43	3828	2.913 ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	633	0.291 ug/l	86
28) Bromochloromethane	5.04	49	21	Below Cal #	20
31) Cyclohexane	5.66	56	3828	1.058 ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13644	5.082 ug/l #	51
38) Carbon Tetrachloride	5.66	117	17216	7.058 ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	59721	24.033 ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	59721	61.491 ug/l #	10

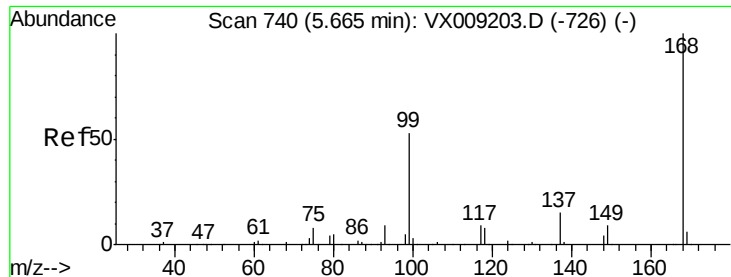
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051119\
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Quant Time: May 12 02:00:27 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: VX009527.D

Acq: 11 May 2019 15:54

Instrument :

MSVOA_X

ClientSampleId :

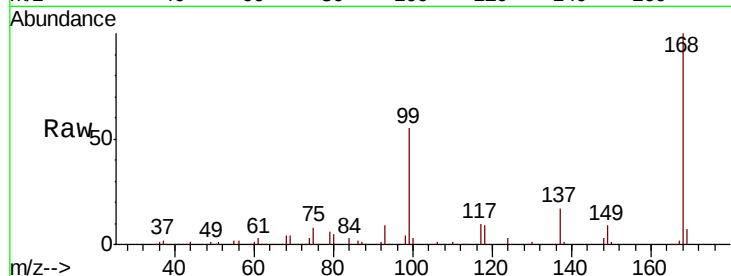
RW-7

Tot Ion:168 Resp: 179254

Ion Ratio Lower Upper

168 100

99 55.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

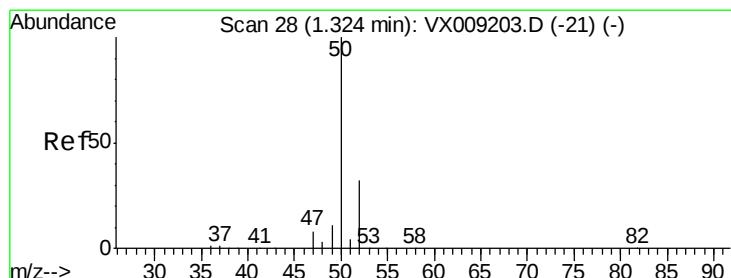
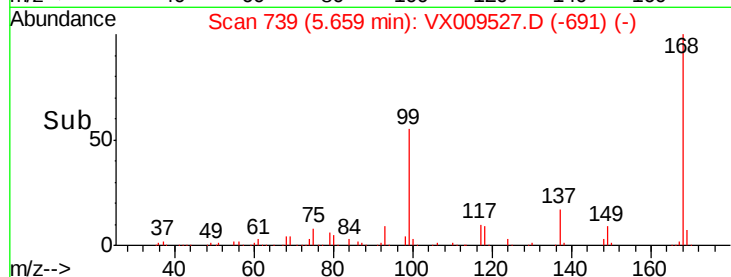
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.201 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009527.D

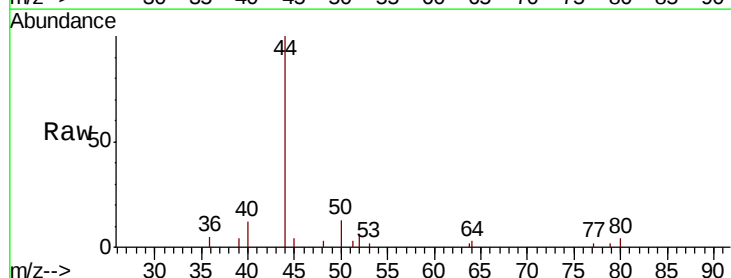
Acq: 11 May 2019 15:54

Tgt Ion: 50 Resp: 454

Ion Ratio Lower Upper

50 100

52 44.1 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

300

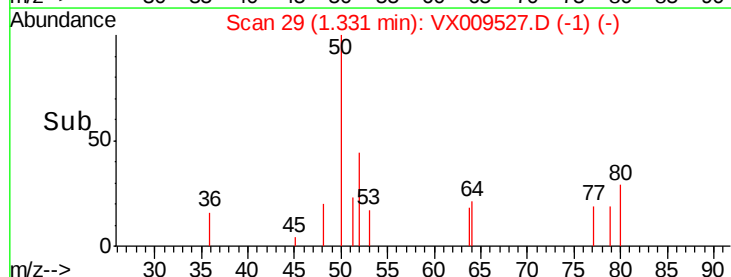
200

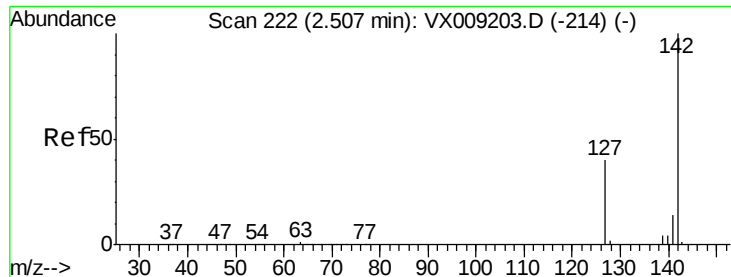
100

0

Time-->

1.30 1.35 1.40

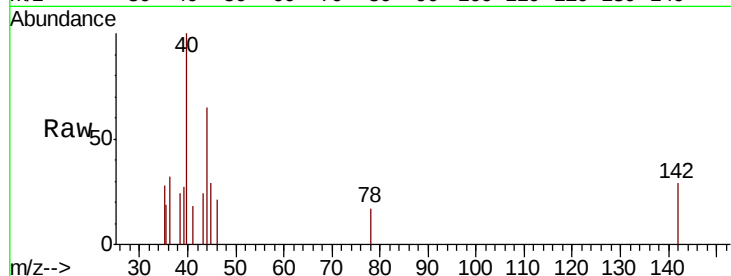




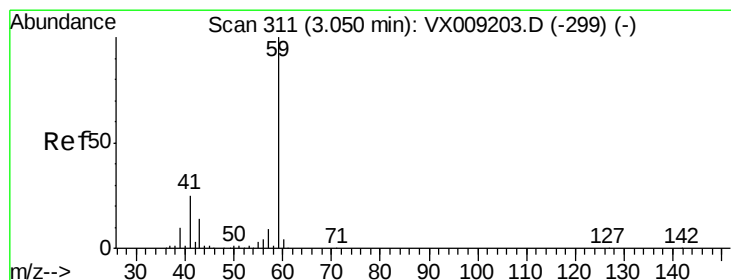
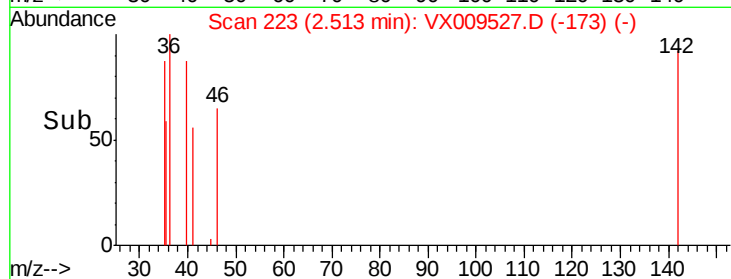
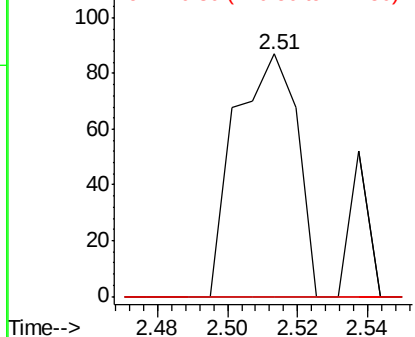
#10
Methvl Iodide
Concen: 4.644 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009527.D
Acq: 11 May 2019 15:54

Instrument :
MSVOA_X
ClientSampleId :
RW-7

Tot Ion:142 Resp: 107
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#

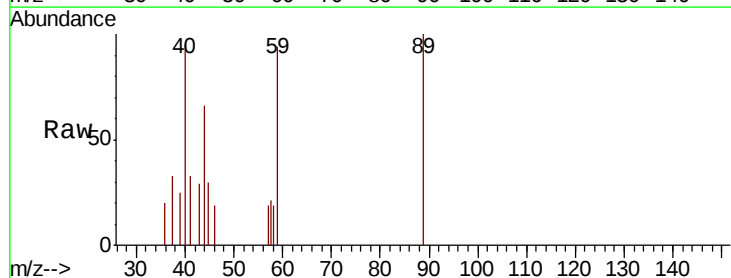


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

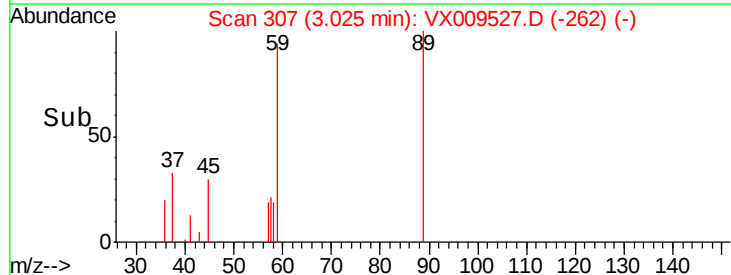
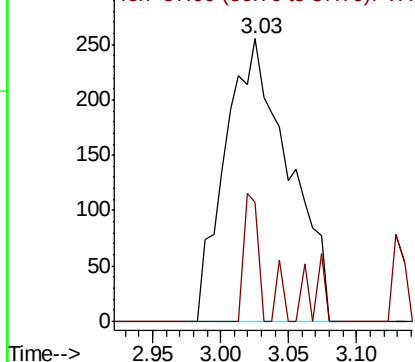


#11
Tert butyl alcohol
Concen: 1.465 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX009527.D
Acq: 11 May 2019 15:54

Tgt Ion: 59 Resp: 830
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



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

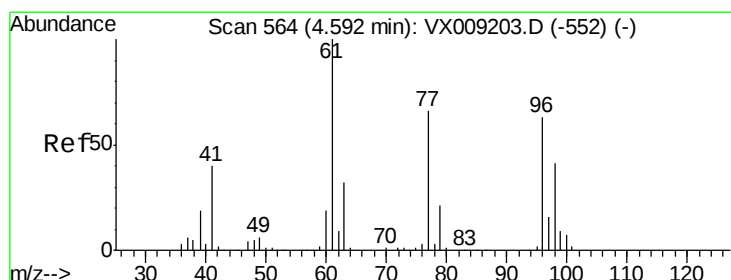
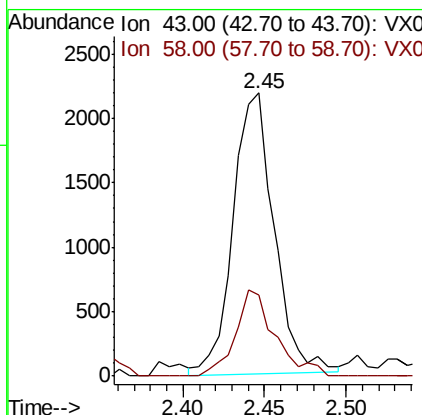
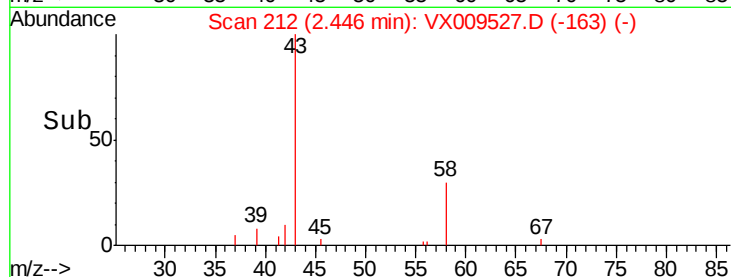
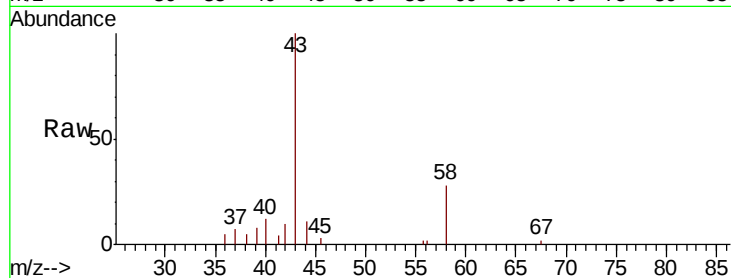




#16
 Acetone
 Concen: 2.913 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX009527.D
 Acq: 11 May 2019 15:54

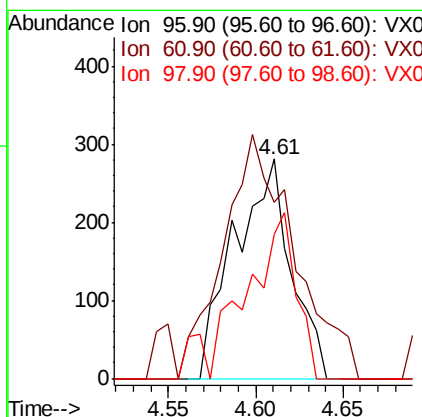
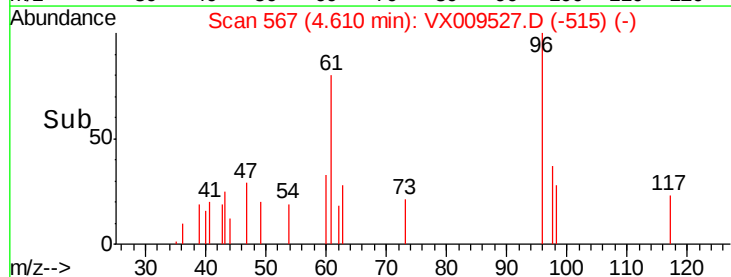
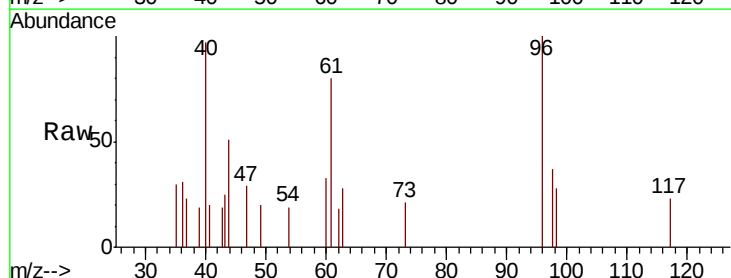
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-7

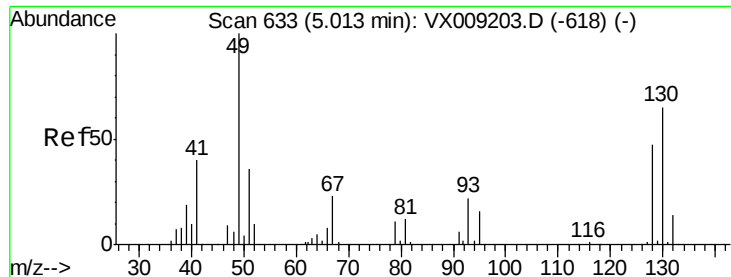
Tot Ion: 43 Resp: 3828
 Ion Ratio Lower Upper
 43 100
 58 29.3 24.9 37.3



#27
 cis-1,2-Dichloroethene
 Concen: 0.291 ug/l
 RT: 4.61 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: VX009527.D
 Acq: 11 May 2019 15:54

Tgt Ion: 96 Resp: 633
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 324.0
 98 70.1 0.0 130.4





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 637

Delta R.T. 0.03 min

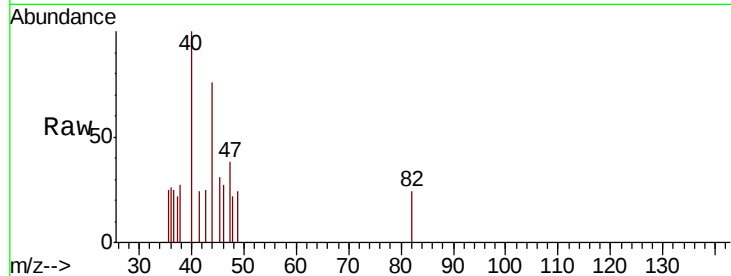
Lab File: VX009527.D

Acq: 11 May 2019 15:54

Instrument :
MSVOA_X
ClientSampleId :
RW-7

Tot Ion: 49 Resp: 21

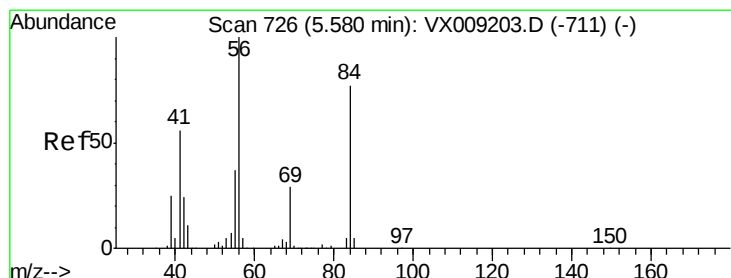
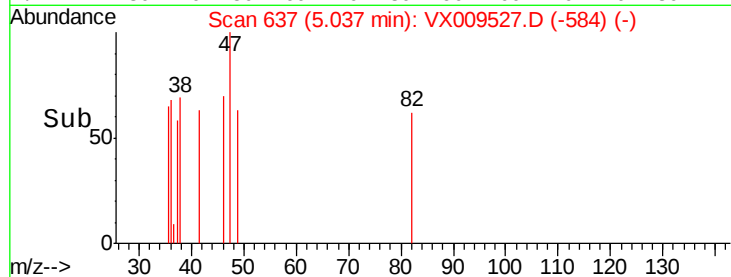
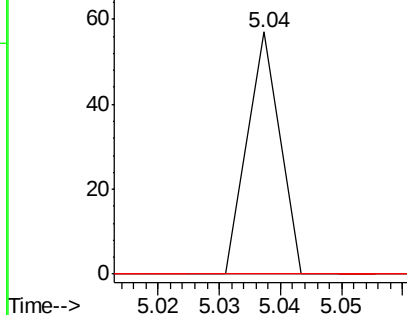
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



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



#31

Cyclohexane

Concen: 1.058 ug/l

RT: 5.66 min Scan# 739

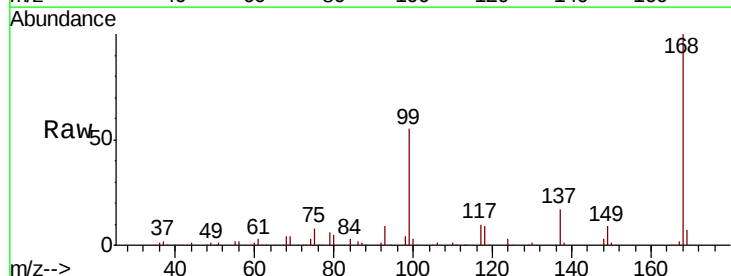
Delta R.T. 0.08 min

Lab File: VX009527.D

Acq: 11 May 2019 15:54

Tgt Ion: 56 Resp: 3828

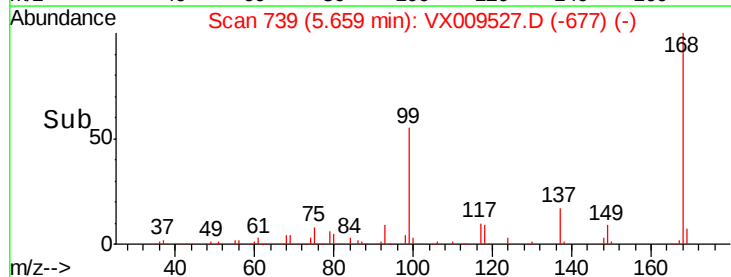
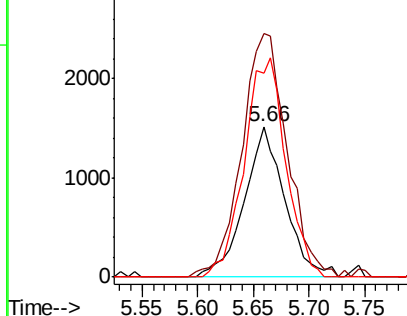
Ion	Ratio	Lower	Upper
56	100		
69	162.1	23.4	35.0#
84	136.1	61.9	92.9#

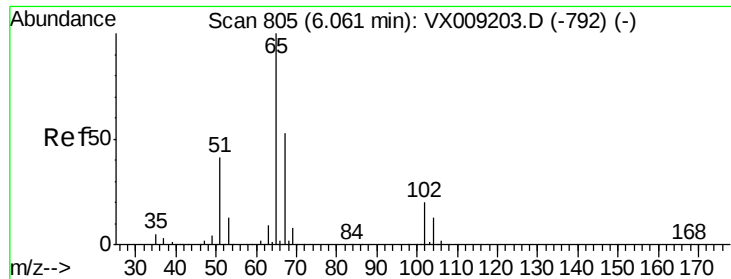


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.487 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009527.D

Acq: 11 May 2019 15:54

Instrument :

MSVOA_X

ClientSampled :

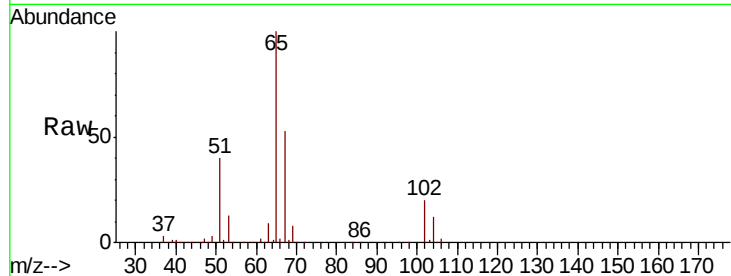
RW-7

Tot Ion: 65 Resp: 118650

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

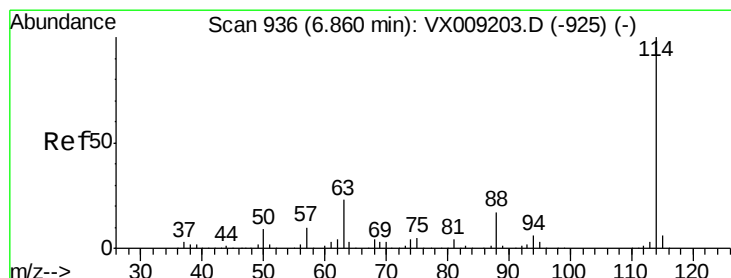
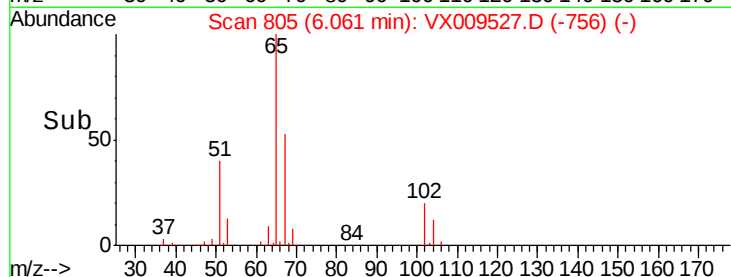
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009527.D

Acq: 11 May 2019 15:54

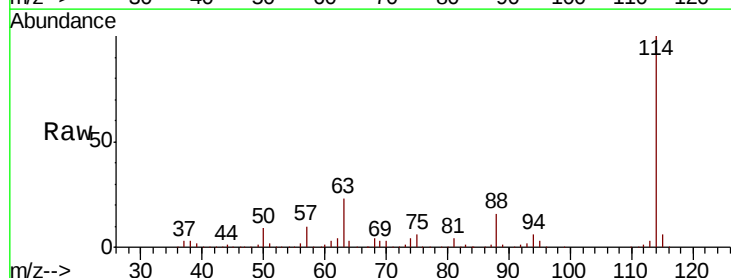
Tgt Ion: 114 Resp: 288880

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 15.9 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

6.86

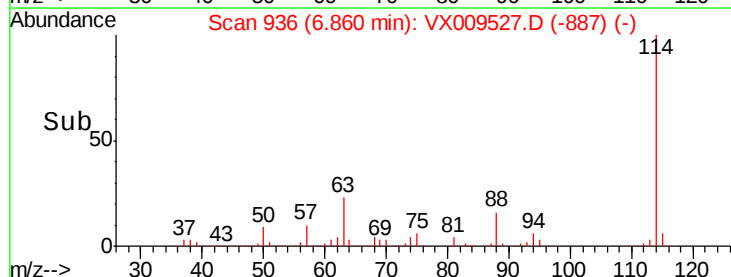
150000

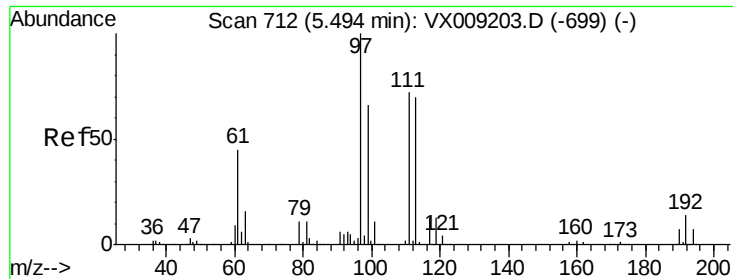
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

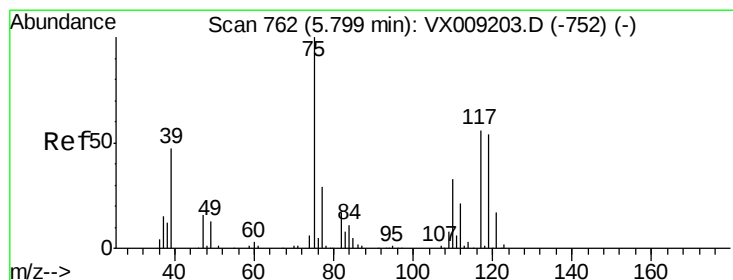
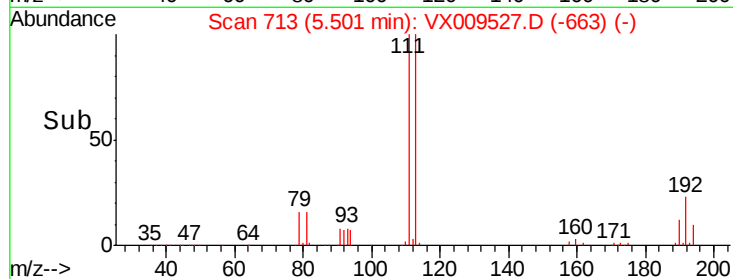
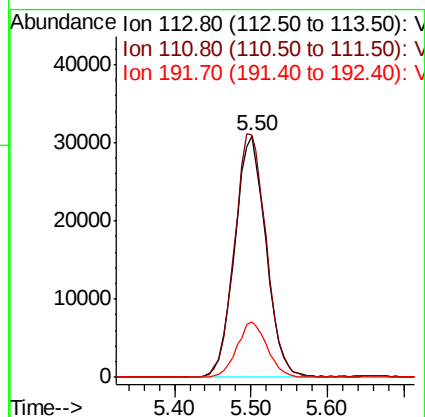
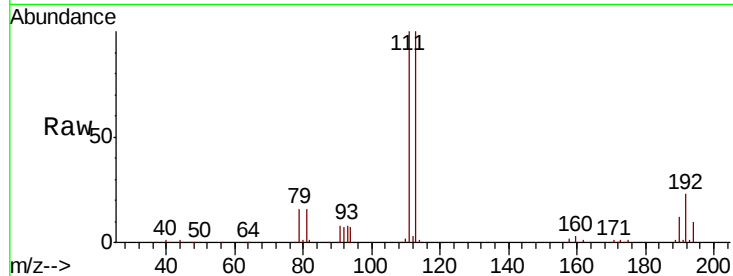




#35
 Dibromofluoromethane
 Concen: 48.075 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009527.D
 Acq: 11 May 2019 15:54

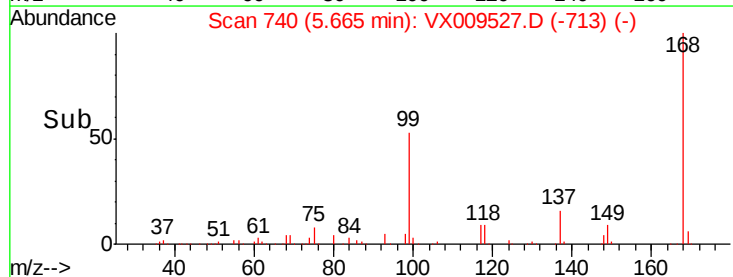
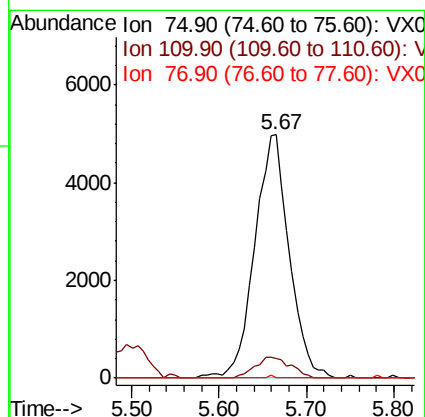
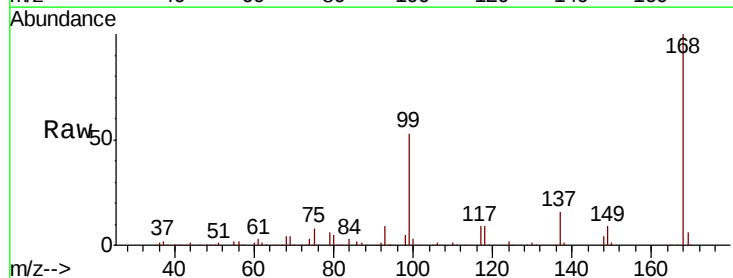
Instrument :
 MSVOA_X
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 RW-7

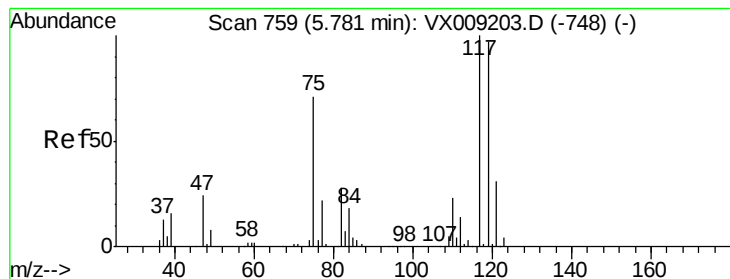
Tot Ion:113 Resp: 87305
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 22.3 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.082 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009527.D
 Acq: 11 May 2019 15:54

Tgt Ion: 75 Resp: 13644
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.9 50.6#
 77 0.2 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 7.058 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009527.D

Acq: 11 May 2019 15:54

Instrument :

MSVOA_X

ClientSampleId :

RW-7

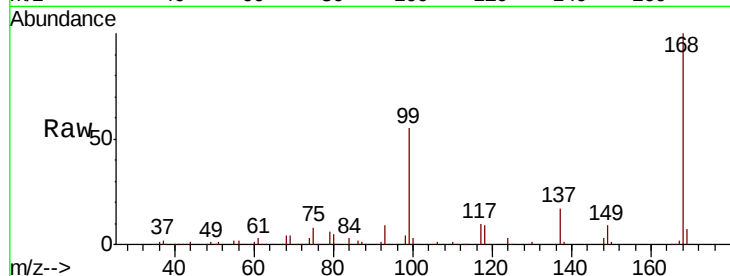
Tot Ion:117 Resp: 17216

Ion Ratio Lower Upper

117 100

119 4.8 77.5 116.3#

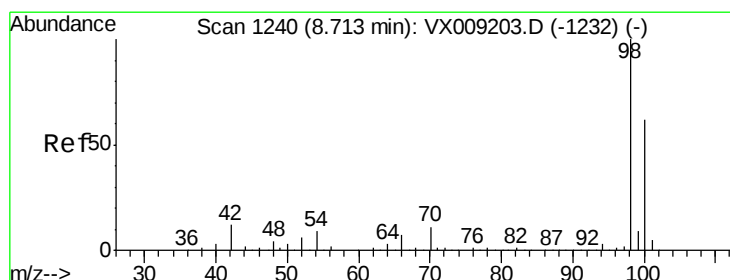
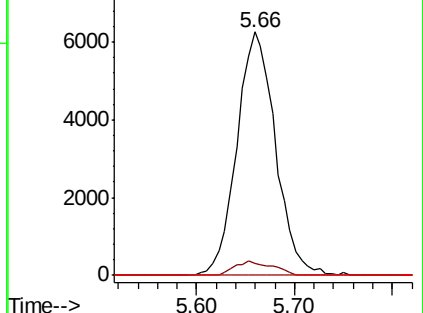
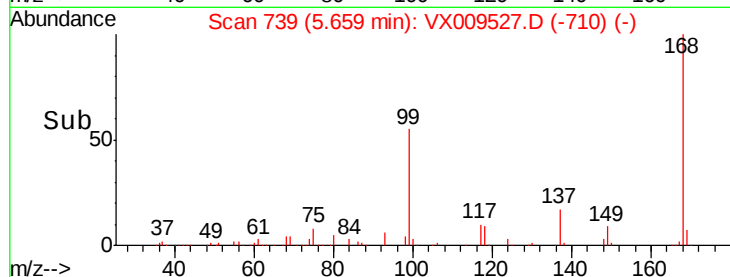
121 0.0 24.7 37.1#



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: 49.109 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009527.D

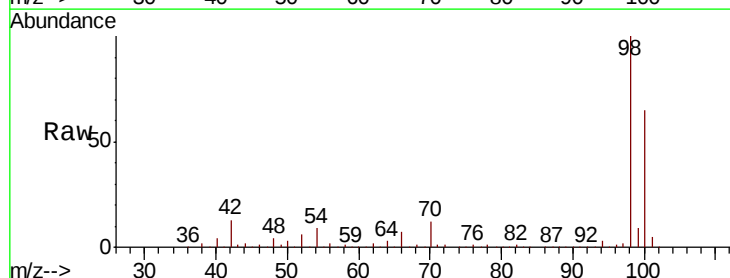
Acq: 11 May 2019 15:54

Tgt Ion: 98 Resp: 360054

Ion Ratio Lower Upper

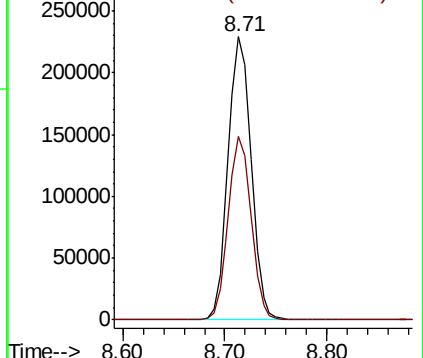
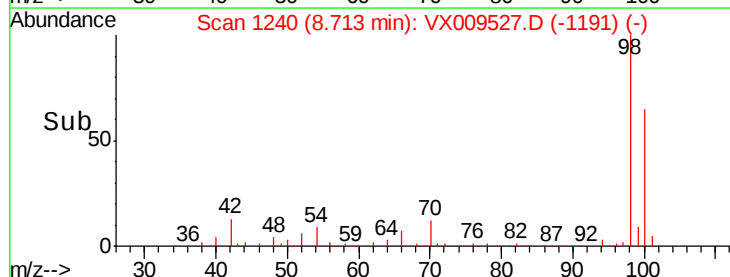
98 100

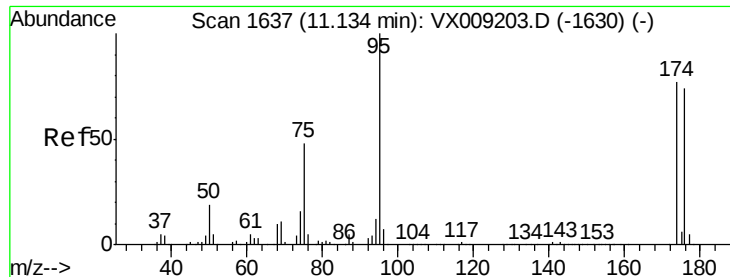
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009527.D

Acq: 11 May 2019 15:54

Instrument :

MSVOA_X

ClientSampleId :

RW-7

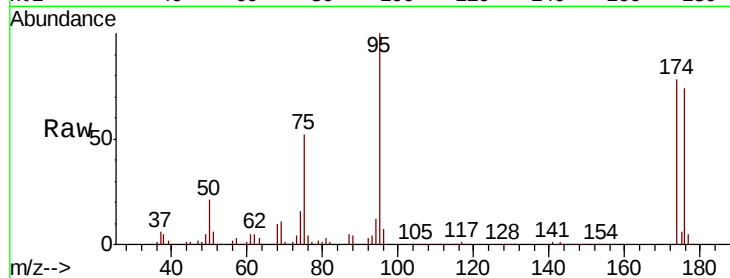
Tot Ion: 95 Resp: 117433

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

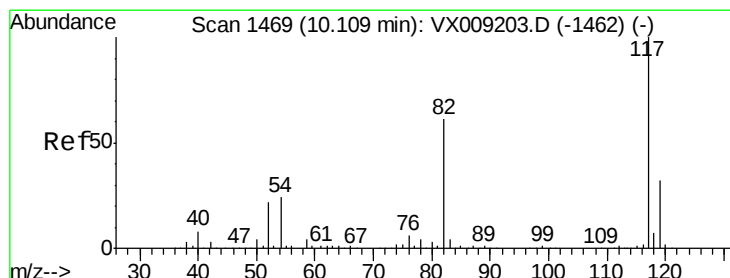
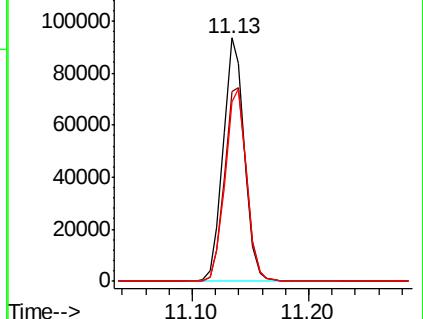
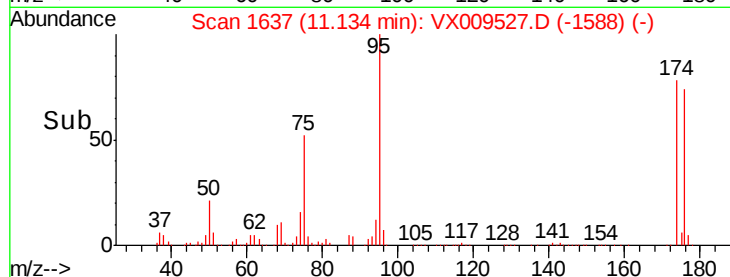
176 80.1 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009527.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009527.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009527.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009527.D

Acq: 11 May 2019 15:54

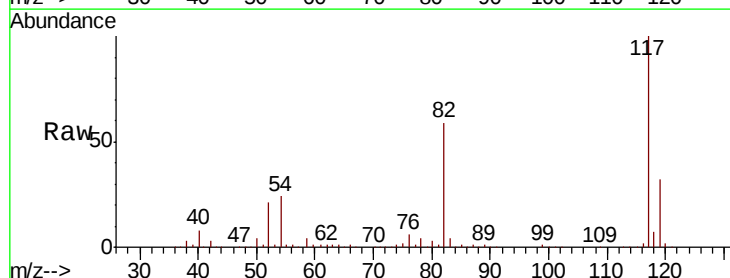
Tgt Ion: 117 Resp: 253646

Ion Ratio Lower Upper

117 100

82 59.0 48.8 73.2

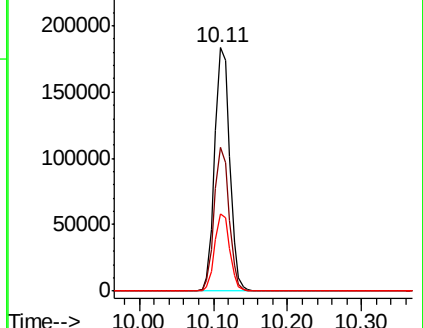
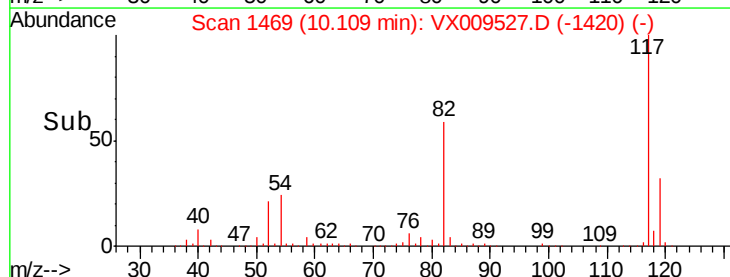
119 31.7 25.8 38.6

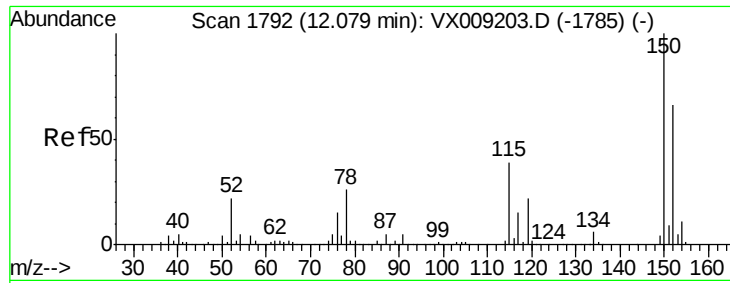


Abundance Ion 116.90 (116.60 to 117.60): VX009527.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009527.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009527.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: VX009527.D

Acq: 11 May 2019 15:54

Instrument :

MSVOA_X

ClientSampleId :

RW-7

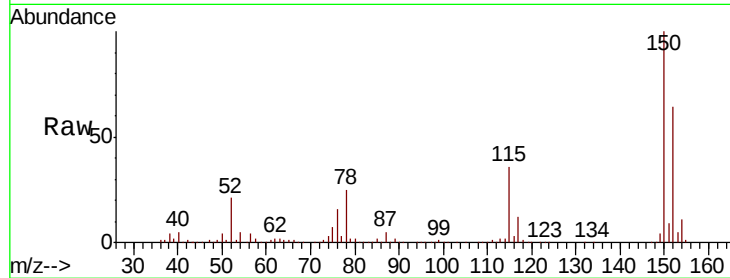
Tot Ion:152 Resp: 107129

Ion Ratio Lower Upper

152 100

115 57.7 41.2 123.6

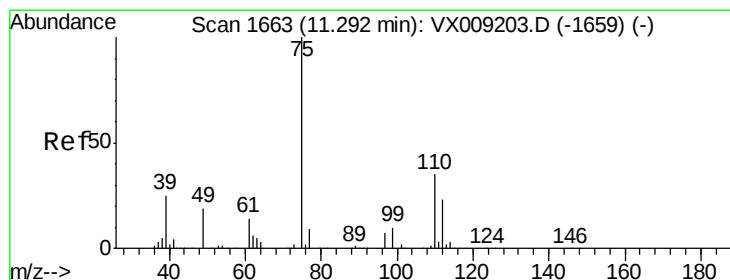
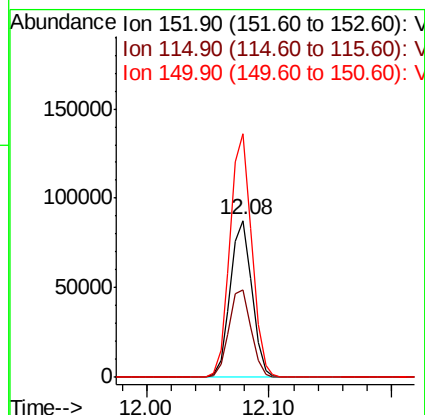
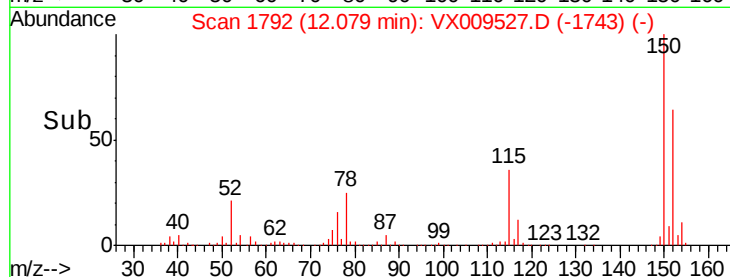
150 155.3 0.0 346.4



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: 24.033 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009527.D

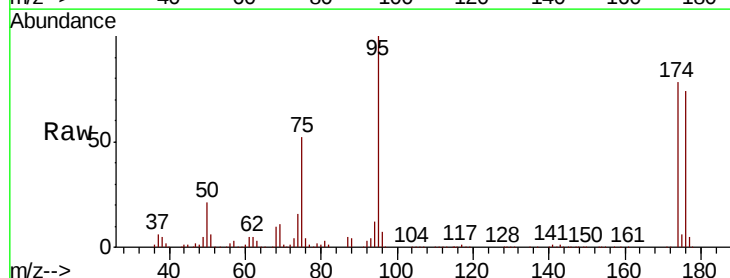
Acq: 11 May 2019 15:54

Tgt Ion: 75 Resp: 59721

Ion Ratio Lower Upper

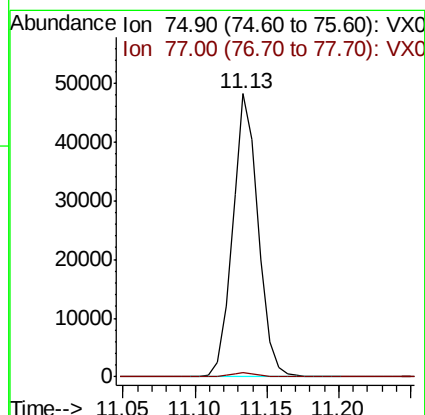
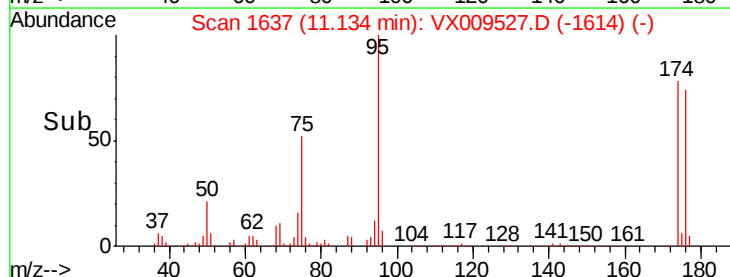
75 100

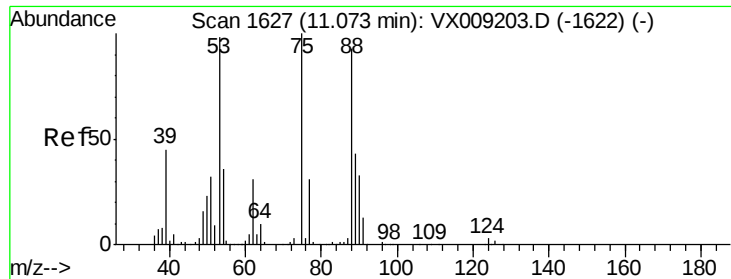
77 1.4 22.1 66.1#



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: 61.491 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009527.D

Acq: 11 May 2019 15:54

Instrument :

MSVOA_X

ClientSampleId :

RW-7

Tot Ion: 75 Resp: 59721

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

