

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
 Data File : VD062203.D
 Acq On : 9 May 2019 22:12
 Operator : FY/SY
 Sample : K2717-15
 Misc : 4.83g/5mL/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS003-0206-01

Quant Time: May 10 04:23:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

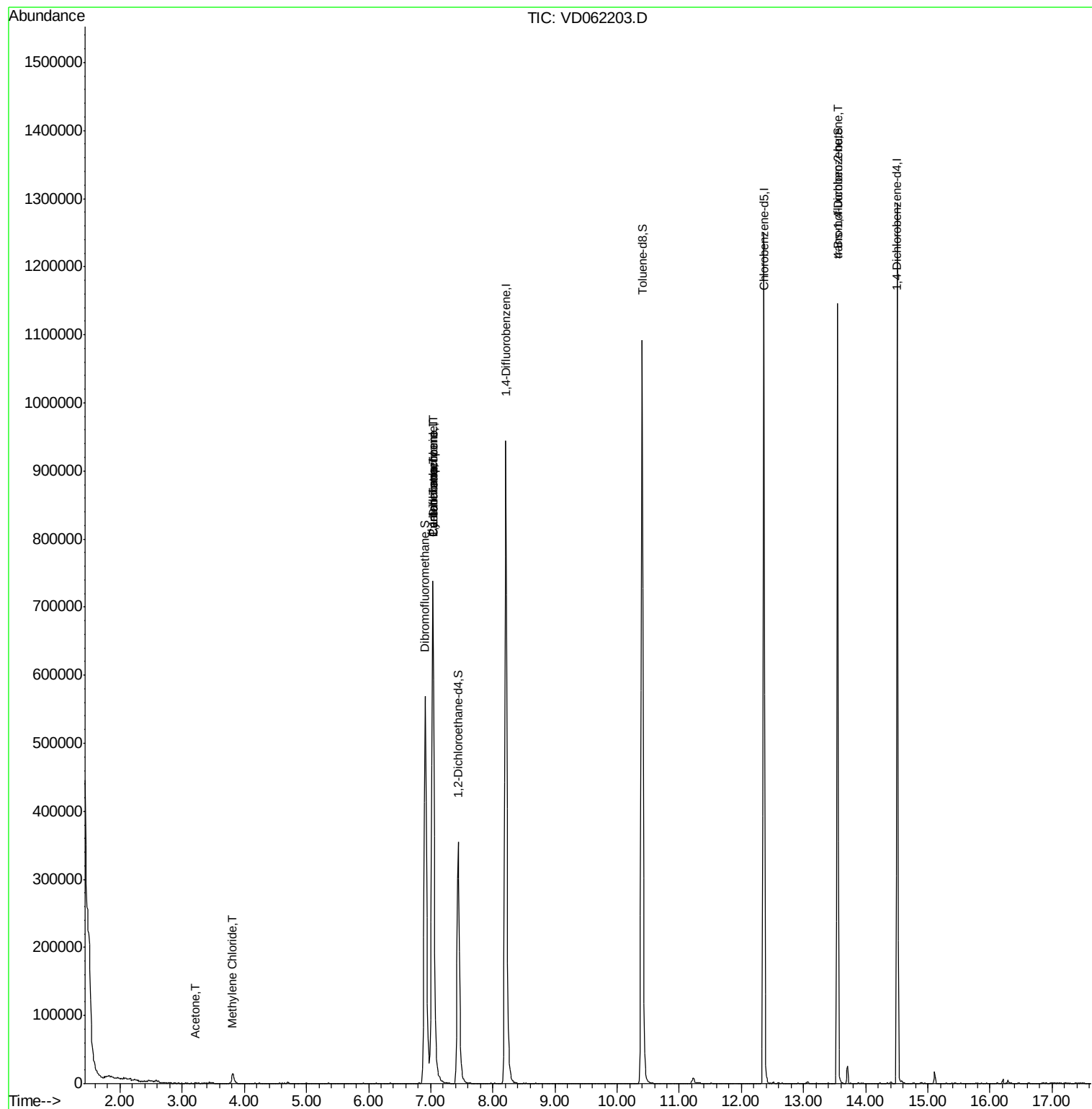
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	740595	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	1018864	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	716682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	301838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	407216	59.17	ug/l	0.02
Spiked Amount 50.000			Recovery	=	118.34%	
35) Dibromofluoromethane	6.91	113	526374	62.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	124.54%	
50) Toluene-d8	10.40	98	942547	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	13.54	95	349174	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
Target Compounds						
16) Acetone	3.21	43	1627	1.127	ug/l #	50
20) Methylene Chloride	3.81	84	10762	1.786	ug/l	97
31) Cyclohexane	7.04	56	14205	1.967	ug/l #	5
36) 1,1-Dichloropropene	7.04	75	53867	6.448	ug/l #	48
38) Carbon Tetrachloride	7.04	117	71283	6.165	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.54	75	149569	147.699	ug/l #	16

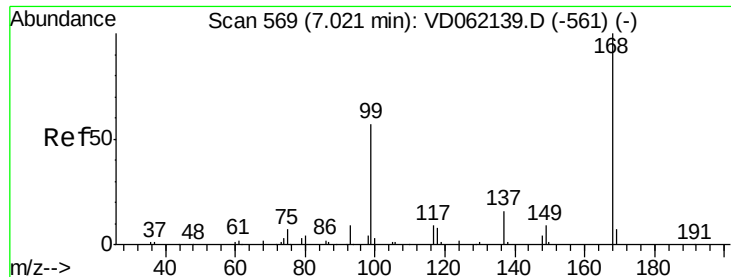
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD062203.D

Acq: 9 May 2019 22:12

Instrument :

MSVOA_D

ClientSampleId :

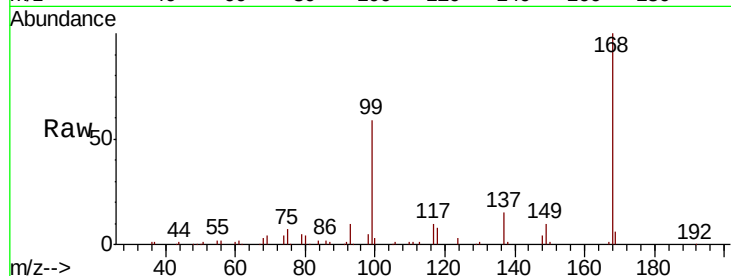
P026-SS003-0206-01

Tgt Ion:168 Resp: 740595

Ion Ratio Lower Upper

168 100

99 59.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

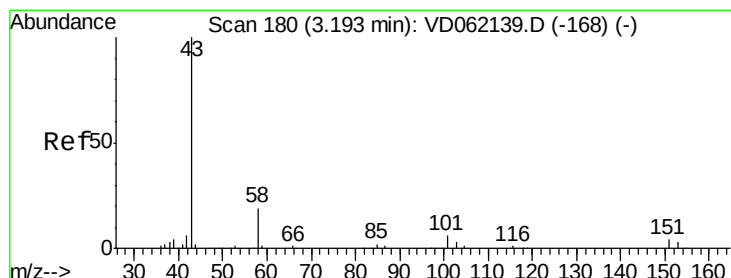
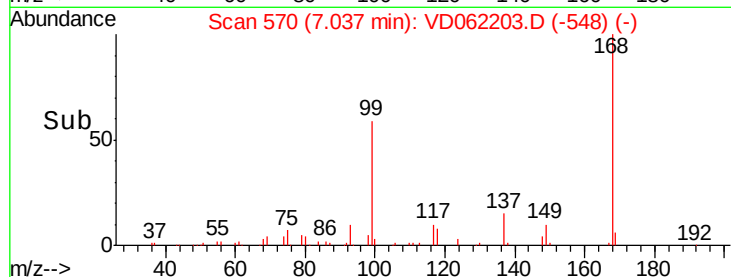
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 1.127 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.02 min

Lab File: VD062203.D

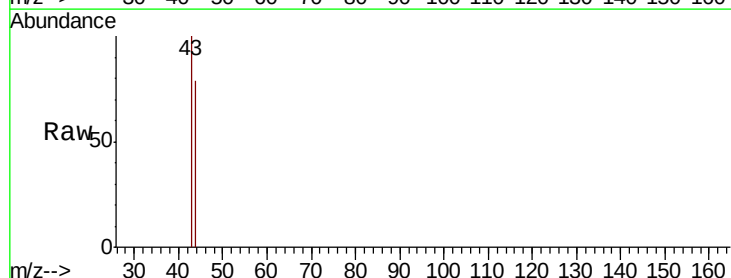
Acq: 9 May 2019 22:12

Tgt Ion: 43 Resp: 1627

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

800

600

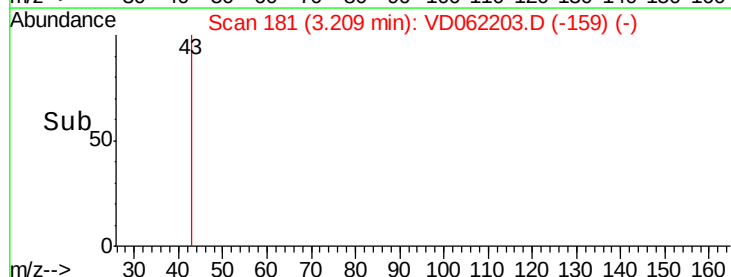
400

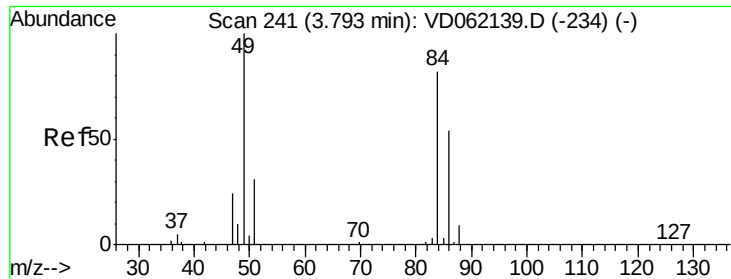
200

0

3.15 3.20 3.25

Time-->

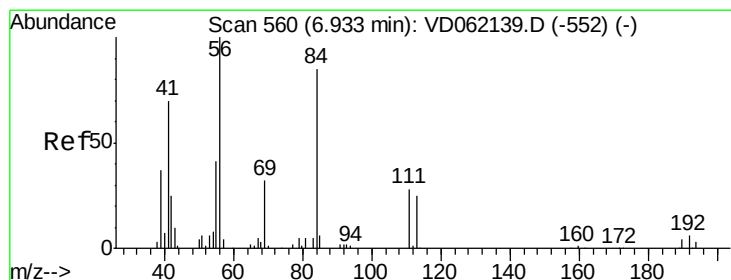
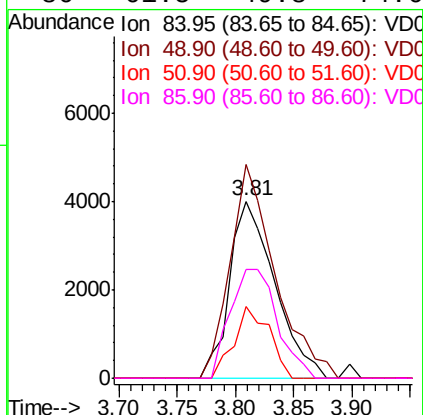
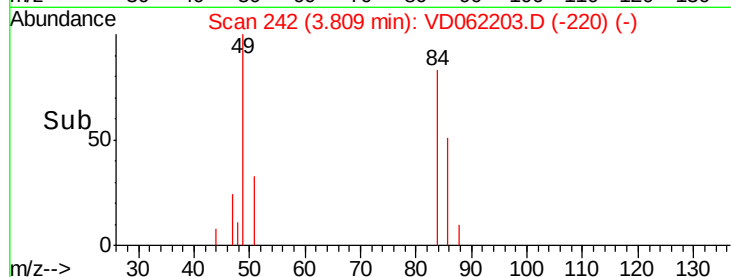
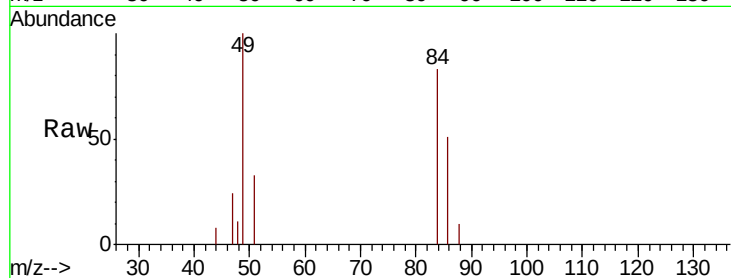




#20
Methylene Chloride
Concen: 1.786 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.02 min
Lab File: VD062203.D
Acq: 9 May 2019 22:12

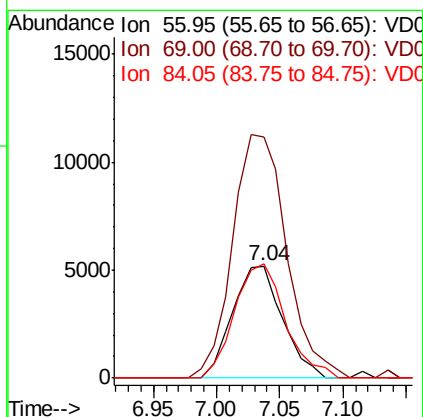
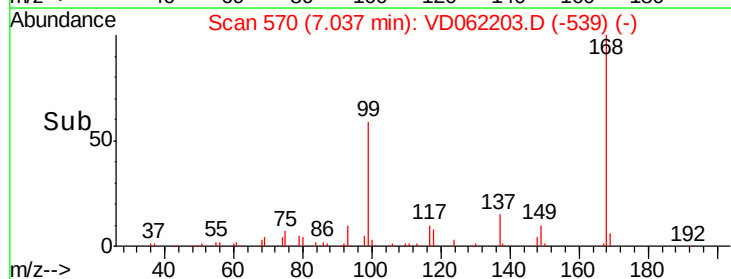
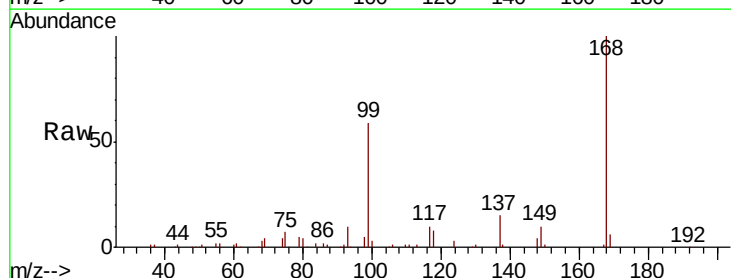
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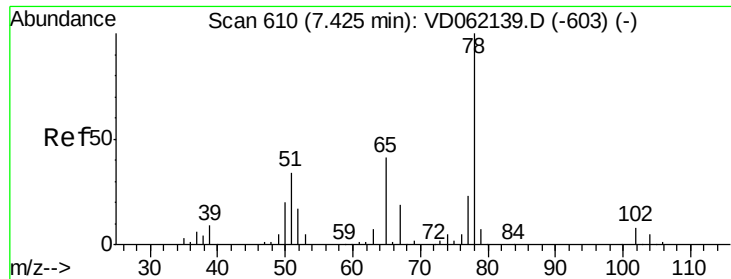
Tgt Ion:	84	Resp:	10762
Ion	Ratio	Lower	Upper
84	100		
49	120.8	94.0	141.0
51	40.2	29.0	43.4
86	61.5	49.8	74.6



#31
Cyclohexane
Concen: 1.967 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD062203.D
Acq: 9 May 2019 22:12

Tgt Ion:	56	Resp:	14205
Ion	Ratio	Lower	Upper
56	100		
69	215.1	25.8	38.6#
84	102.2	72.2	108.4

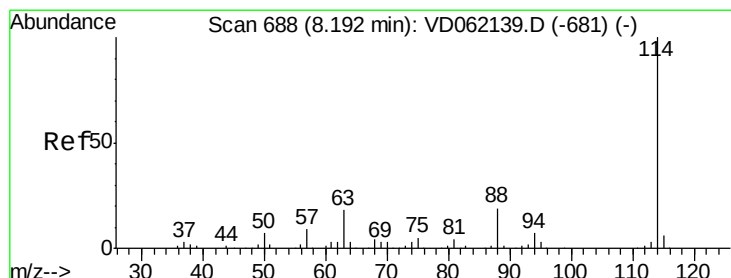
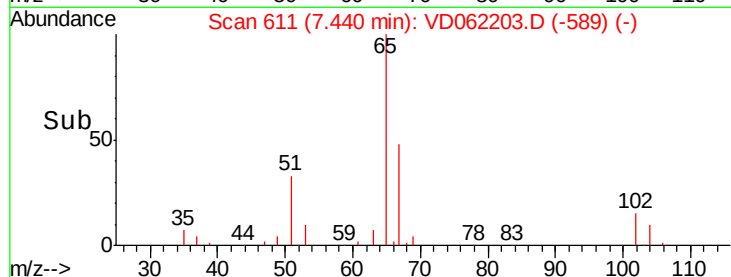
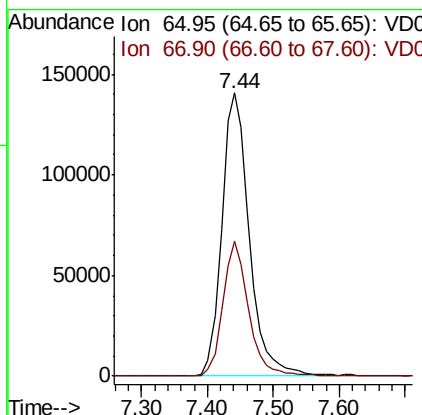
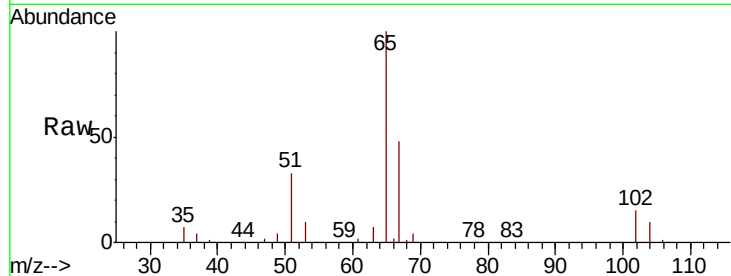




#33
 1,2-Dichloroethane-d4
 Concen: 59.167 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.02 min
 Lab File: VD062203.D
 Acq: 9 May 2019 22:12

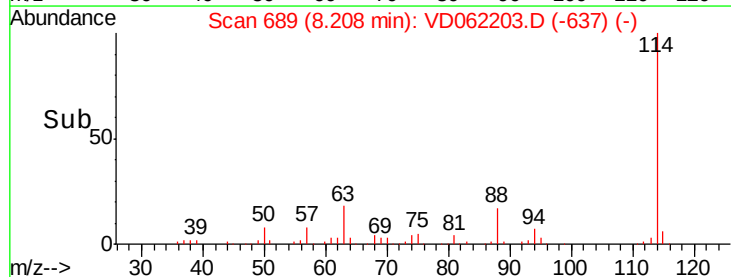
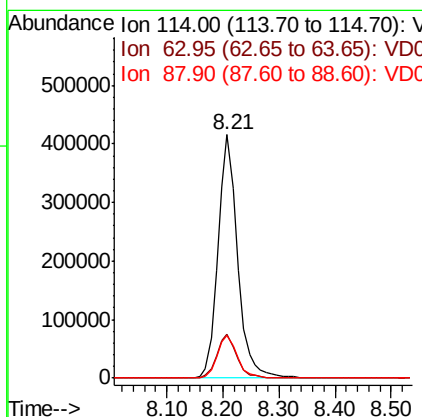
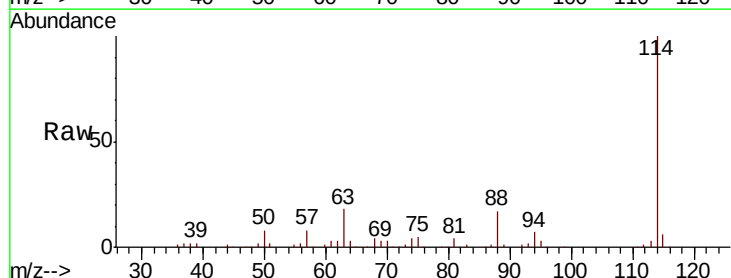
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS003-0206-01

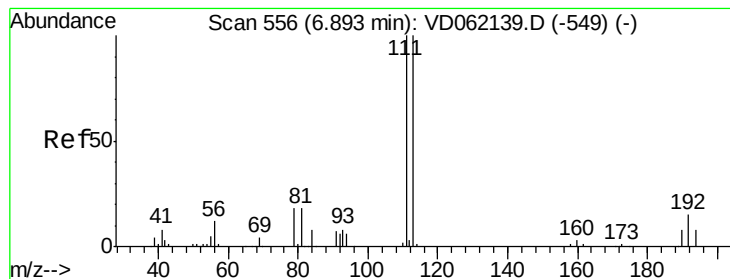
Tgt Ion: 65 Resp: 407216
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD062203.D
 Acq: 9 May 2019 22:12

Tgt Ion: 114 Resp: 1018864
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 32.4
 88 17.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 62.266 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.02 min

Lab File: VD062203.D

Acq: 9 May 2019 22:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS003-0206-01

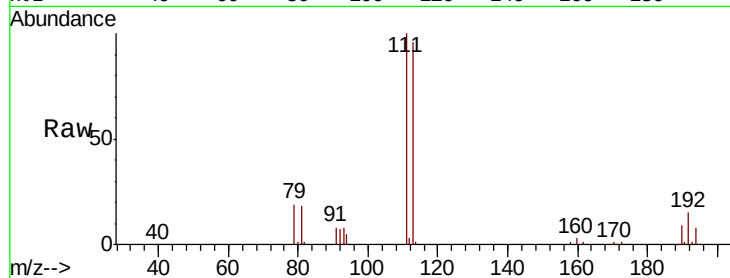
Tgt Ion:113 Resp: 526374

Ion Ratio Lower Upper

113 100

111 104.5 78.5 117.7

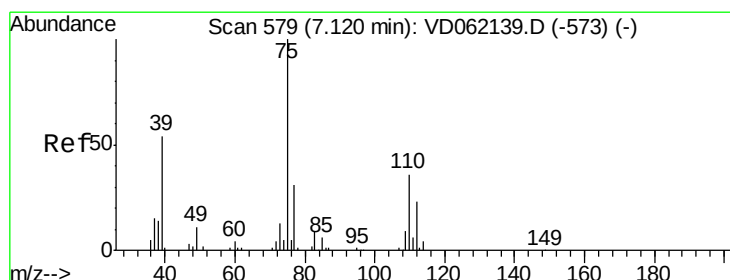
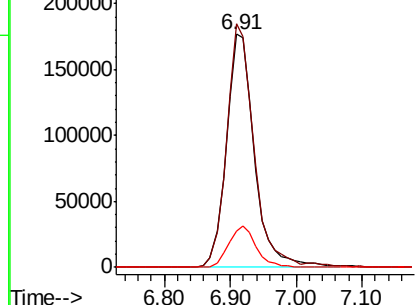
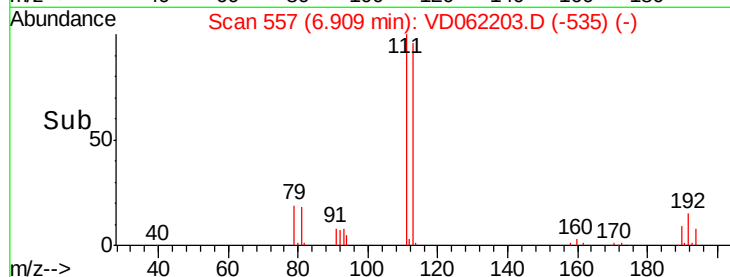
192 15.6 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 6.448 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD062203.D

Acq: 9 May 2019 22:12

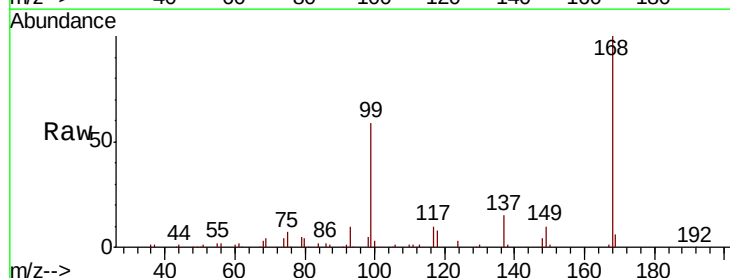
Tgt Ion: 75 Resp: 53867

Ion Ratio Lower Upper

75 100

110 9.7 19.1 57.1#

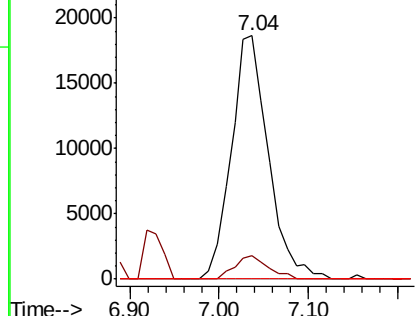
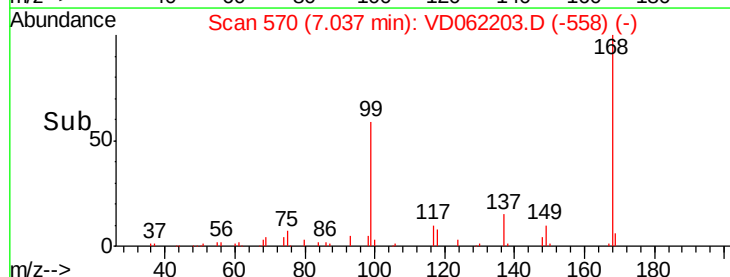
77 0.0 25.6 38.4#

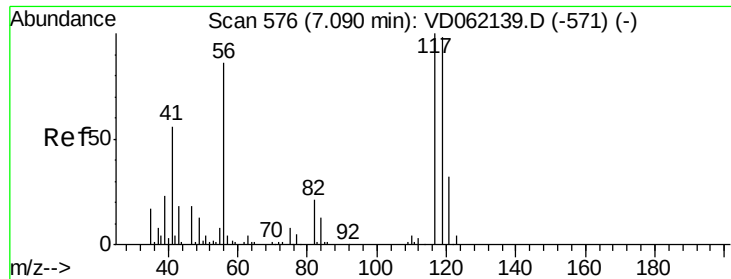


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

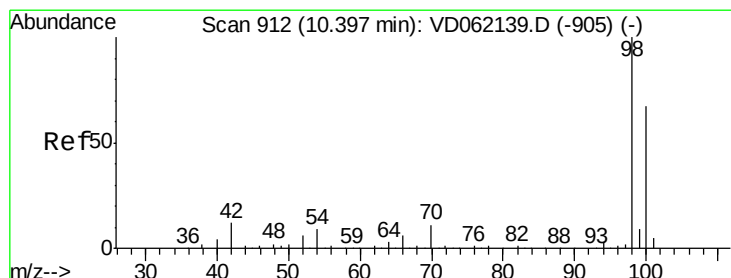
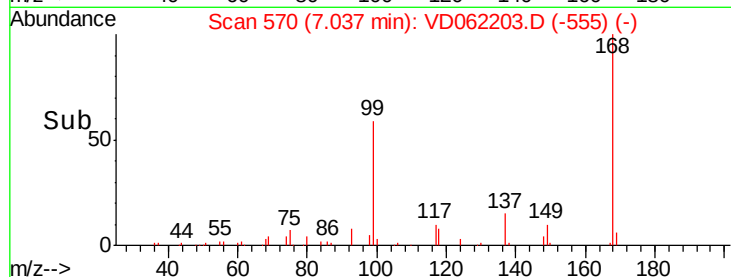
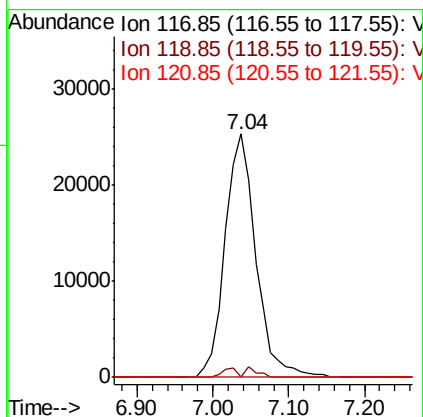
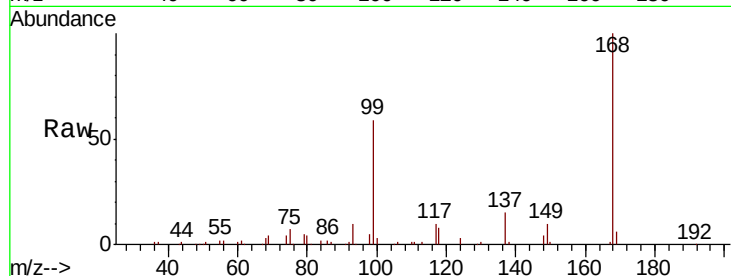




#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD062203.D
Acq: 9 May 2019 22:12

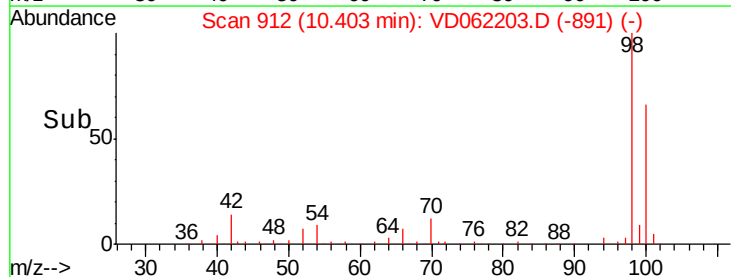
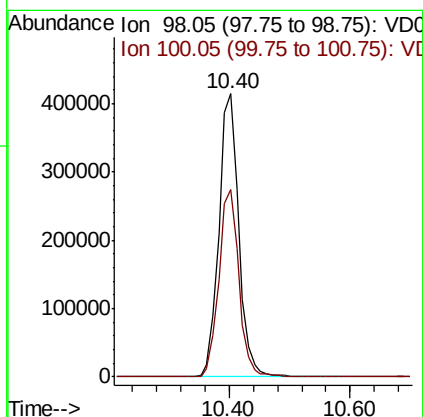
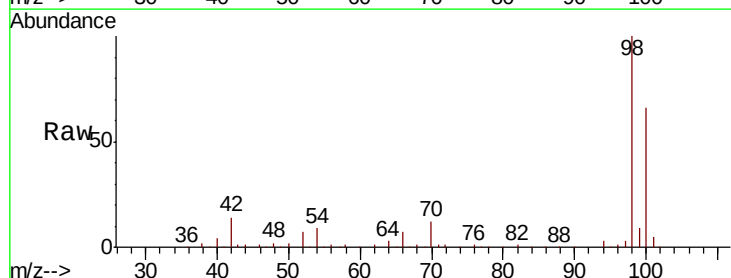
Instrument :
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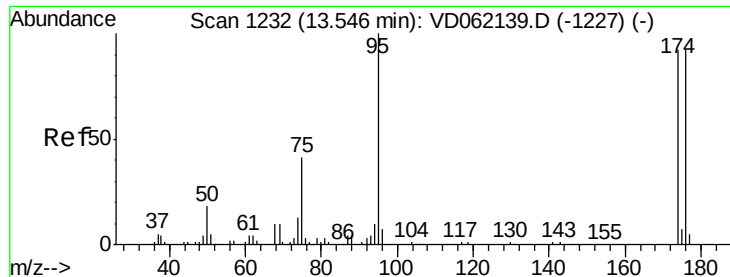
Tgt Ion:117 Resp: 71283
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 46.243 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD062203.D
Acq: 9 May 2019 22:12

Tgt Ion: 98 Resp: 942547
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.8





#62

4-Bromofluorobenzene

Concen: 42.661 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062203.D

Acq: 9 May 2019 22:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS003-0206-01

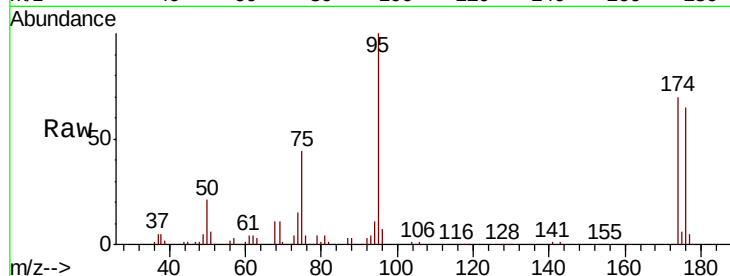
Tgt Ion: 95 Resp: 349174

Ion Ratio Lower Upper

95 100

174 70.2 0.0 181.8

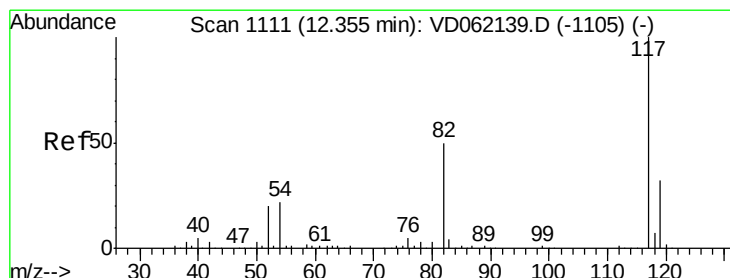
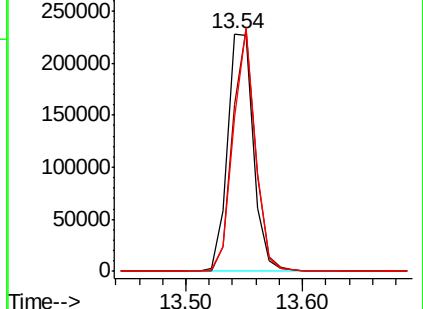
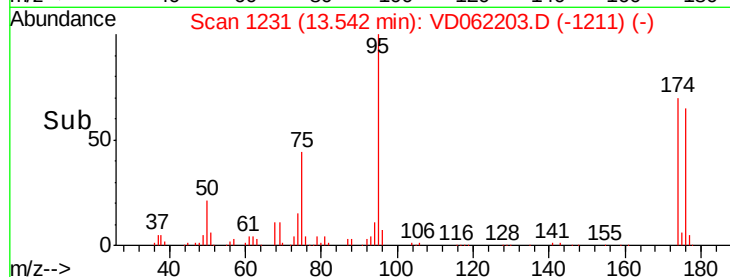
176 64.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD062203.D

Acq: 9 May 2019 22:12

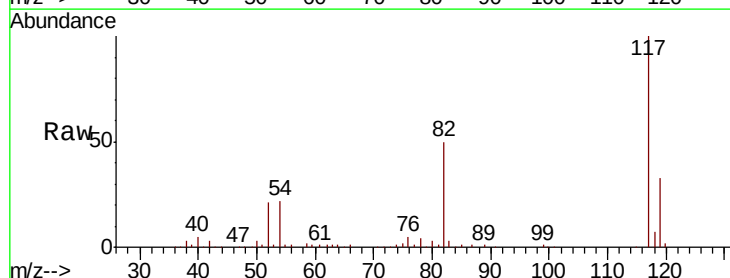
Tgt Ion: 117 Resp: 716682

Ion Ratio Lower Upper

117 100

82 50.1 36.2 54.2

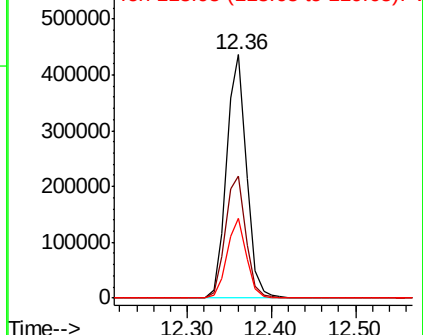
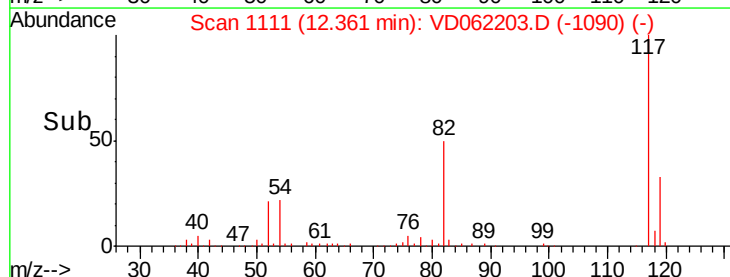
119 32.6 26.2 39.4

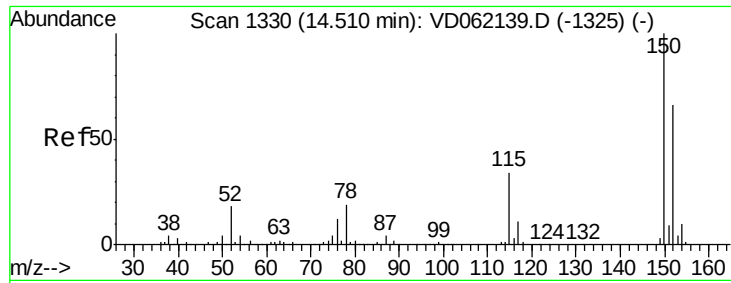


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

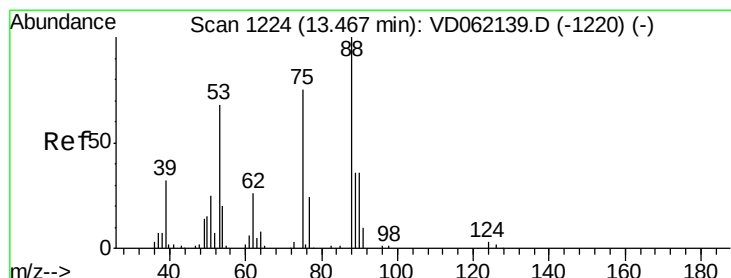
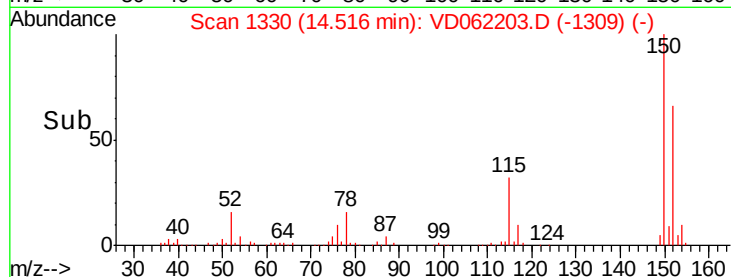
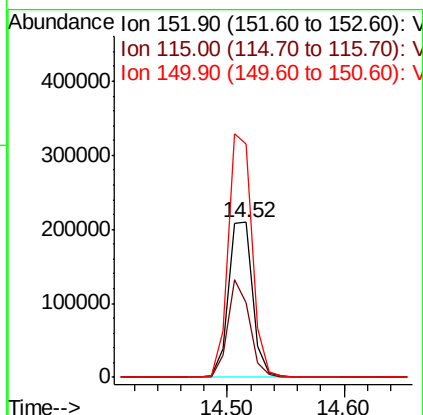
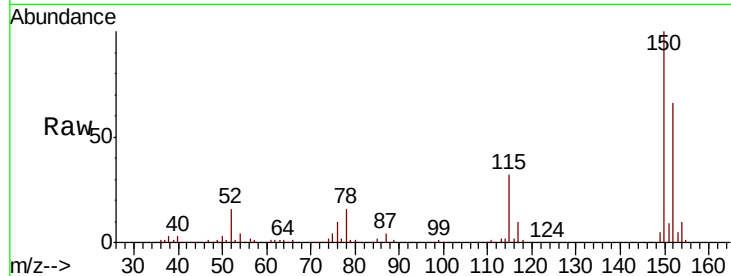




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD062203.D
 Acq: 9 May 2019 22:12

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS003-0206-01

Tgt Ion: 152 Resp: 301838
 Ion Ratio Lower Upper
 152 100
 115 48.1 30.9 92.7
 150 150.7 0.0 314.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.699 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. 0.07 min
 Lab File: VD062203.D
 Acq: 9 May 2019 22:12

Tgt Ion: 75 Resp: 149569
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

