

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062359.D
 Acq On : 14 May 2019 21:05
 Operator : FY/SY
 Sample : K2735-12RE
 Misc : 6.18g/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-1824-01RE

Quant Time: May 15 02:02:26 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

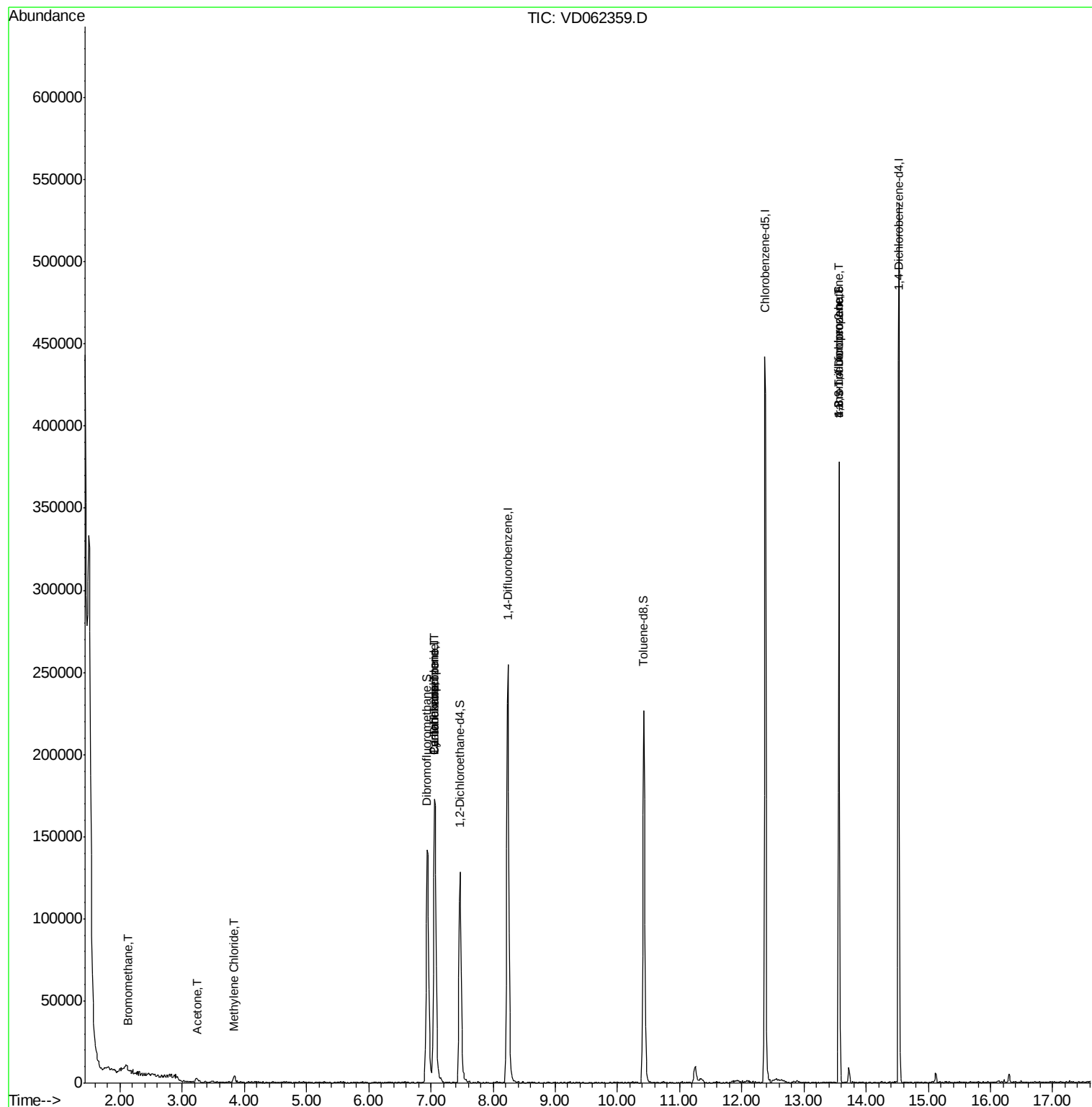
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	158696	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	257084	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	232345	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	118504	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	148342	100.59	ug/l	0.05
Spiked Amount 50.000			Recovery	=	201.18%	
35) Dibromofluoromethane	6.94	113	122337	57.35	ug/l	0.05
Spiked Amount 50.000			Recovery	=	114.70%	
50) Toluene-d8	10.42	98	175966	34.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	68.42%	
62) 4-Bromofluorobenzene	13.56	95	101059	48.93	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.86%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.14	94	674	2.669	ug/l #	12
16) Acetone	3.24	43	5320	17.201	ug/l #	50
20) Methylene Chloride	3.84	84	2412	1.868	ug/l	92
31) Cyclohexane	7.06	56	3414	2.206	ug/l #	2
36) 1,1-Dichloropropene	7.05	75	13473	6.392	ug/l #	49
38) Carbon Tetrachloride	7.06	117	16974	5.818	ug/l #	16
76) 1,2,3-Trichloropropane	13.56	75	44659	31.711	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	46505	116.971	ug/l #	16

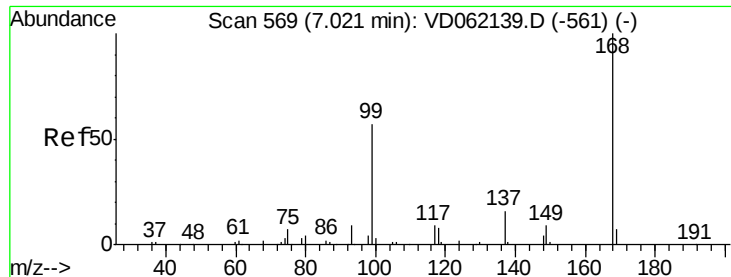
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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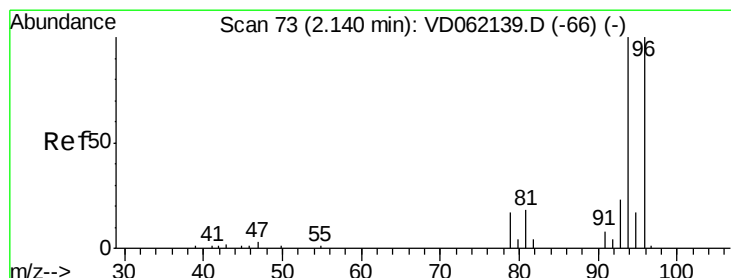
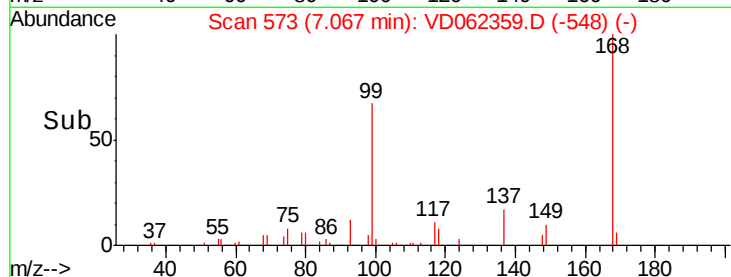
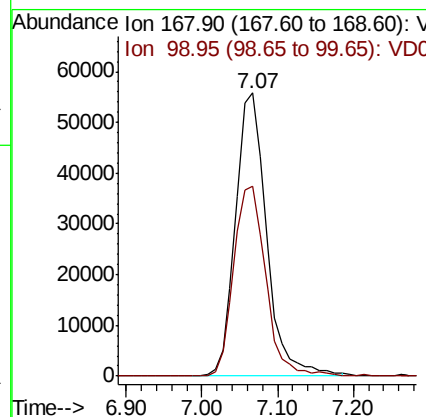
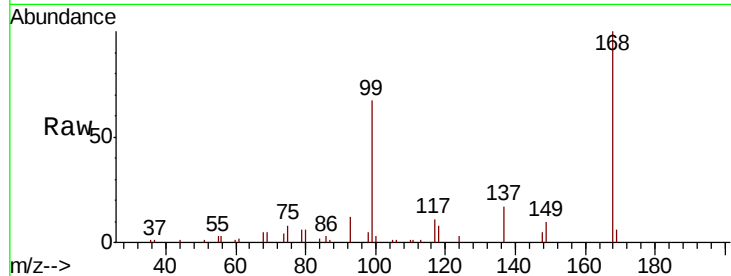




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.05 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

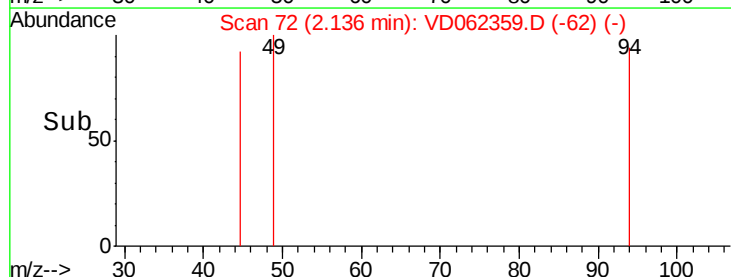
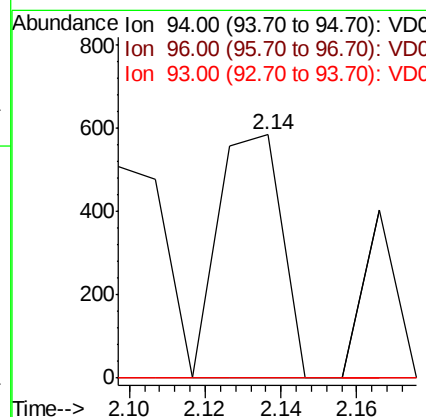
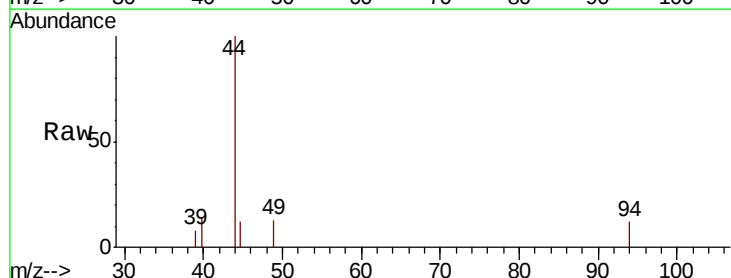
Instrument :
MSVOA_D
ClientSampleId :
P026-SS016-1824-01RE

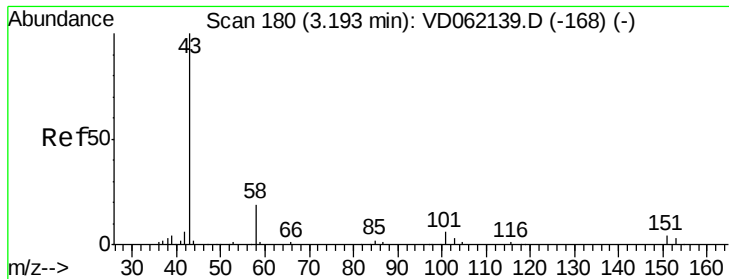
Tot Ion:168 Resp: 158696
Ion Ratio Lower Upper
168 100
99 67.2 46.5 69.7



#5
Bromomethane
Concen: 2.669 ug/l
RT: 2.14 min Scan# 72
Delta R.T. -0.00 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

Tgt Ion: 94 Resp: 674
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#





#16

Acetone

Concen: 17.201 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.05 min

Lab File: VD062359.D

Acq: 14 May 2019 21:05

Instrument :

MSVOA_D

ClientSampleId :

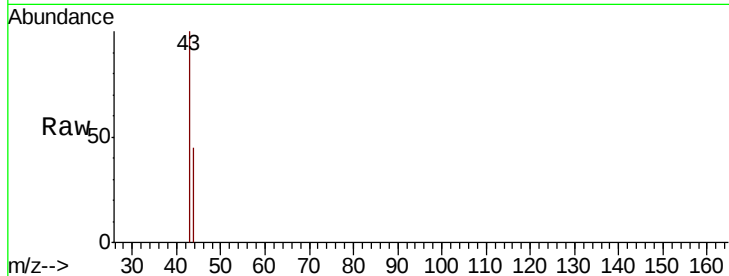
P026-SS016-1824-01RE

Tot Ion: 43 Resp: 5320

Ion Ratio Lower Upper

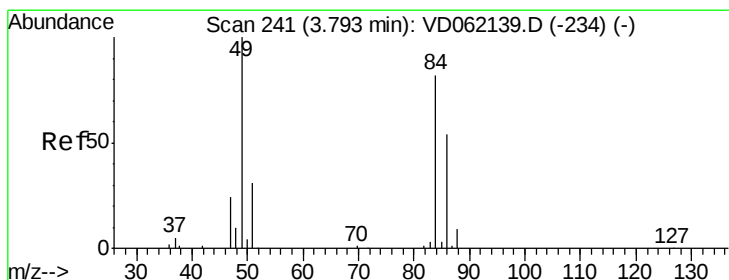
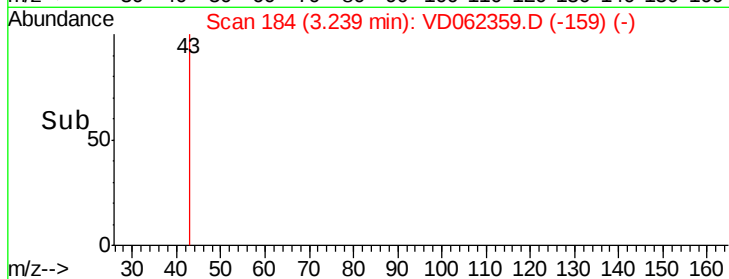
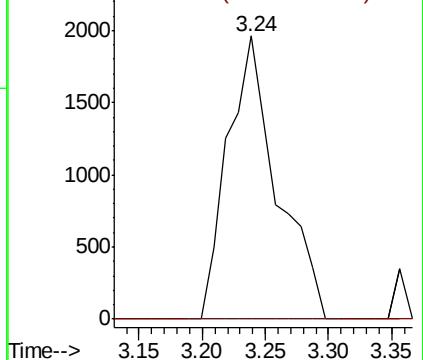
43 100

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



#20

Methylene Chloride

Concen: 1.868 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.05 min

Lab File: VD062359.D

Acq: 14 May 2019 21:05

Tgt Ion: 84 Resp: 2412

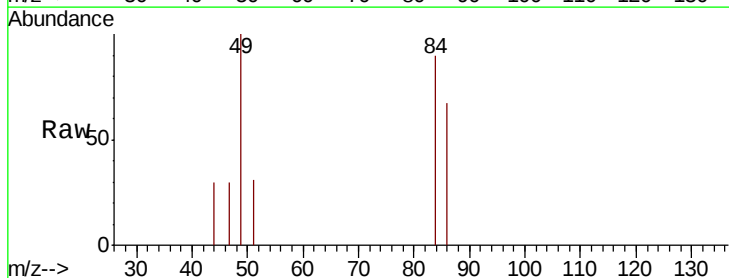
Ion Ratio Lower Upper

84 100

49 111.1 94.0 141.0

51 34.0 29.0 43.4

86 74.3 49.8 74.6

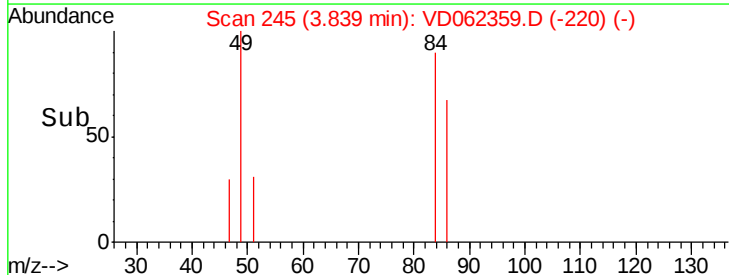
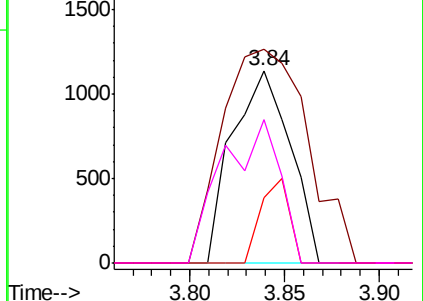


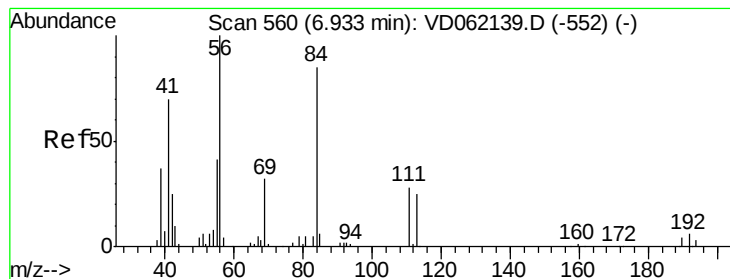
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#31

Cvclohexane

Concen: 2.206 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.12 min

Lab File: VD062359.D

Acq: 14 May 2019 21:05

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-1824-01RE

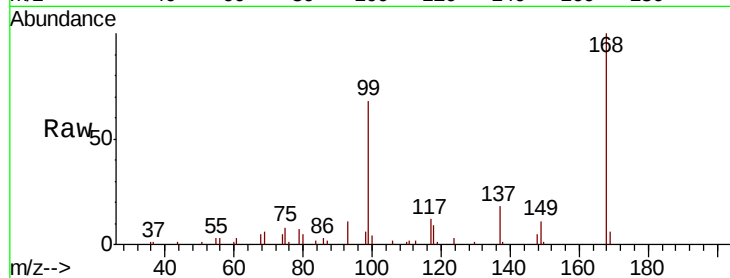
Tot Ion: 56 Resp: 3414

Ion Ratio Lower Upper

56 100

69 225.2 25.8 38.6#

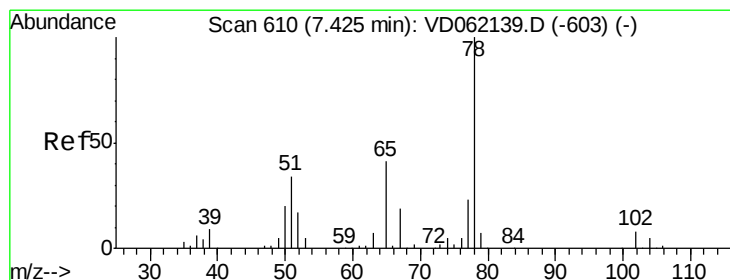
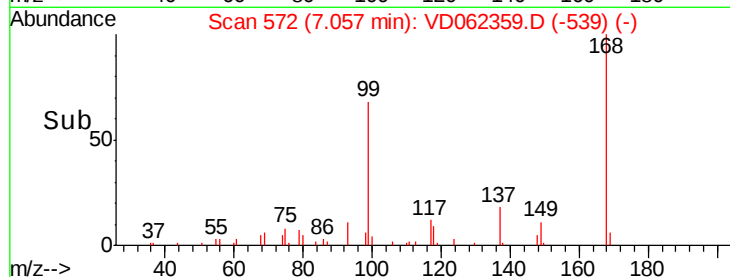
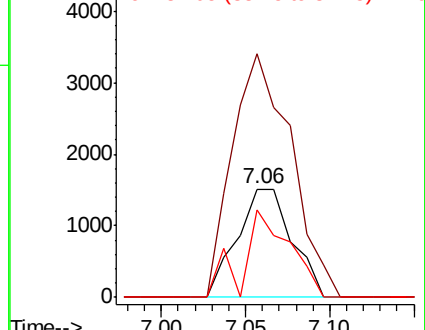
84 81.3 72.2 108.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: 100.586 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.05 min

Lab File: VD062359.D

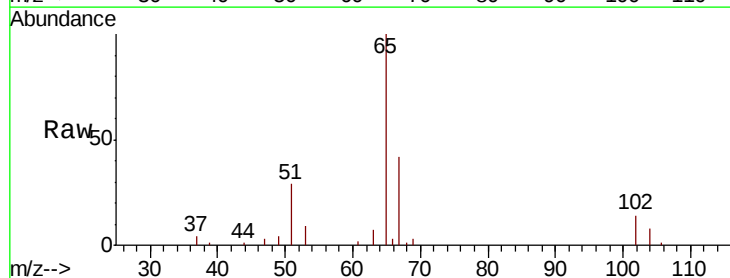
Acq: 14 May 2019 21:05

Tgt Ion: 65 Resp: 148342

Ion Ratio Lower Upper

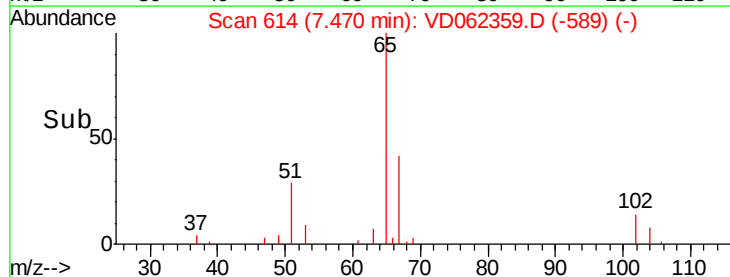
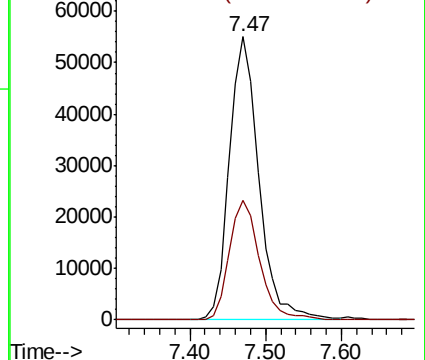
65 100

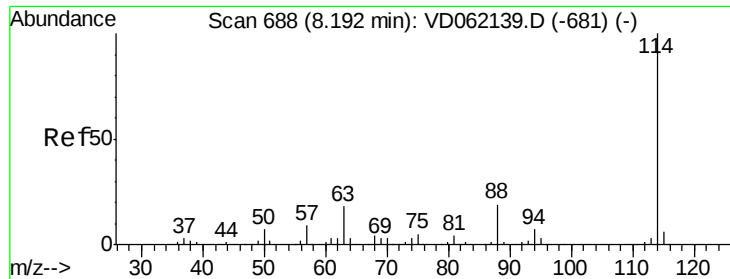
67 42.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

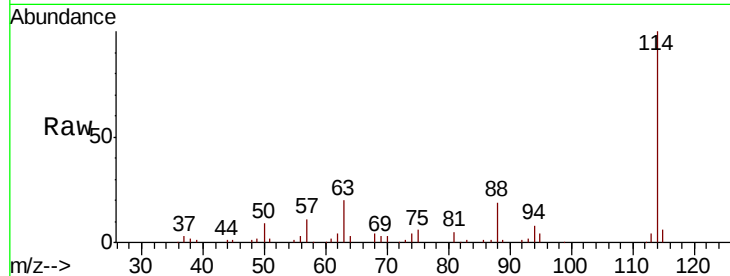




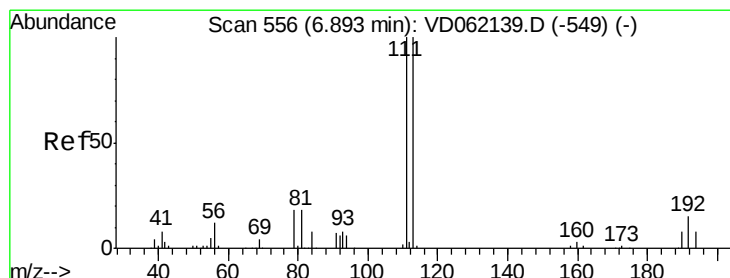
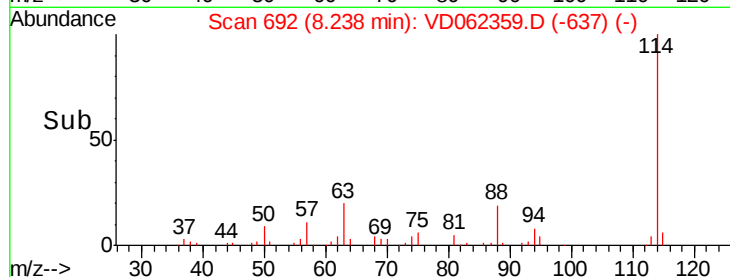
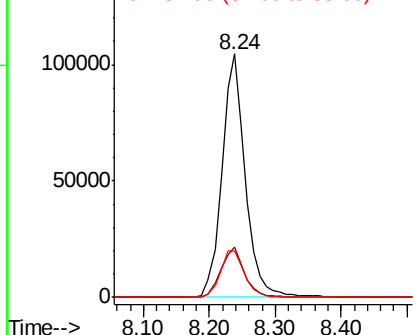
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD062359.D
 Acq: 14 May 2019 21:05

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-1824-01RE

Tot Ion:114 Resp: 257084
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 32.4
 88 19.2 0.0 33.6

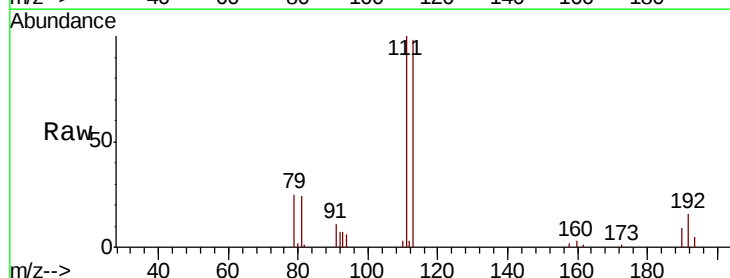


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

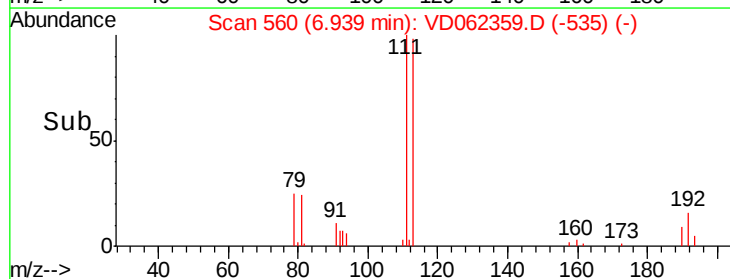
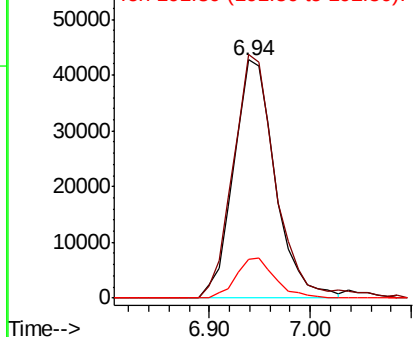


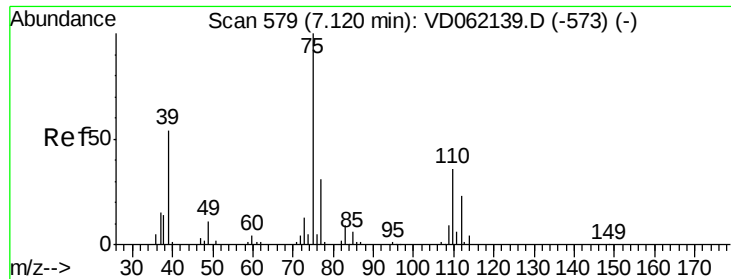
#35
 Dibromofluoromethane
 Concen: 57.353 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.05 min
 Lab File: VD062359.D
 Acq: 14 May 2019 21:05

Tgt Ion:113 Resp: 122337
 Ion Ratio Lower Upper
 113 100
 111 102.2 78.5 117.7
 192 16.1 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

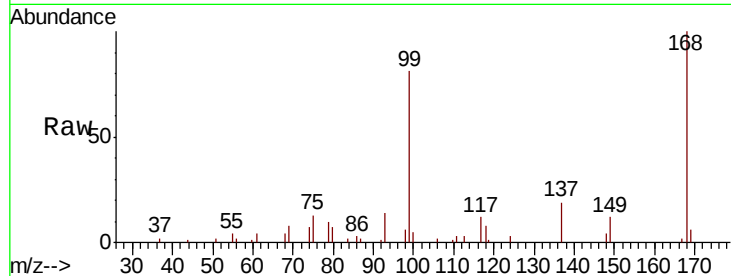




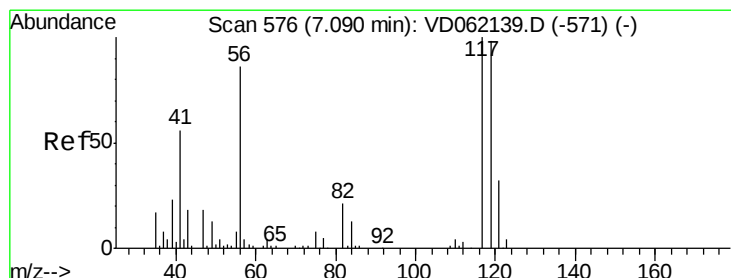
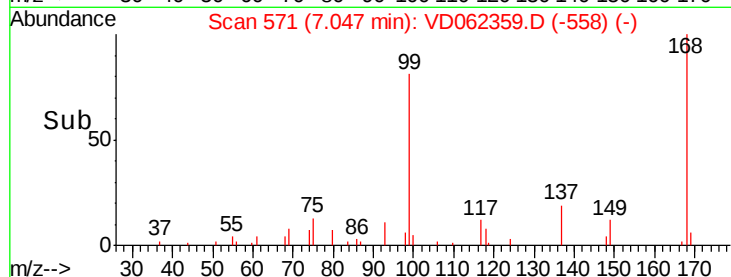
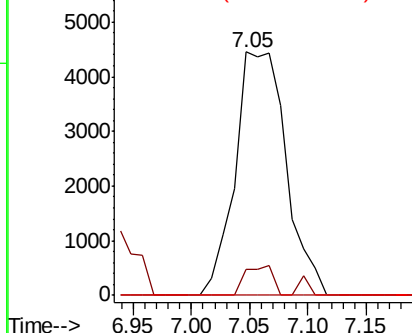
#36
 1,1-Dichloropropene
 Concen: 6.392 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD062359.D
 Acq: 14 May 2019 21:05

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-1824-01RE

Tot Ion: 75 Resp: 13473
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.1 57.1#
 77 0.0 25.6 38.4#

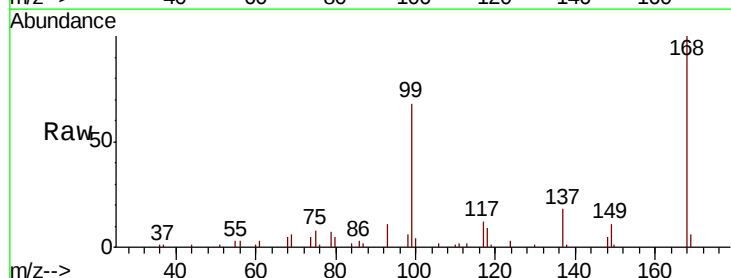


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

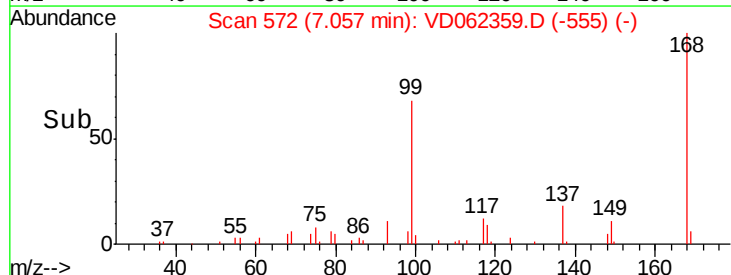
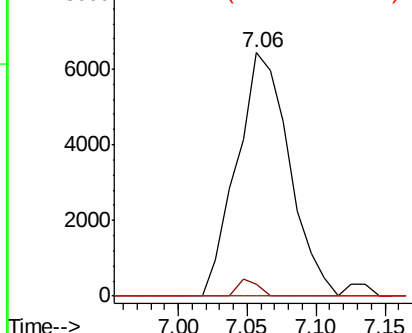


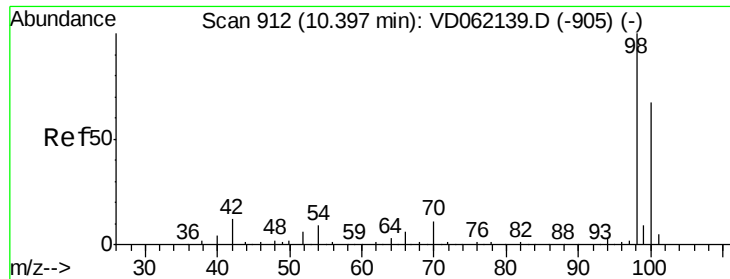
#38
 Carbon Tetrachloride
 Concen: 5.818 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.03 min
 Lab File: VD062359.D
 Acq: 14 May 2019 21:05

Tgt Ion: 117 Resp: 16974
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.8 113.8#
 121 0.0 25.9 38.9#



Abundance Ion 116.85 (116.55 to 117.55): VDC
 Ion 118.85 (118.55 to 119.55): VDC
 Ion 120.85 (120.55 to 121.55): VDC

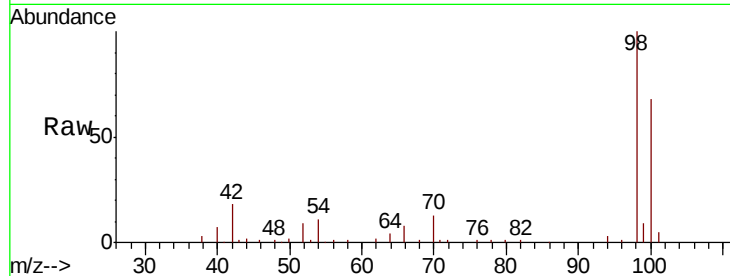




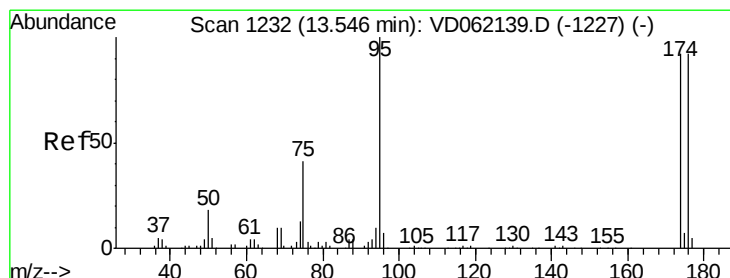
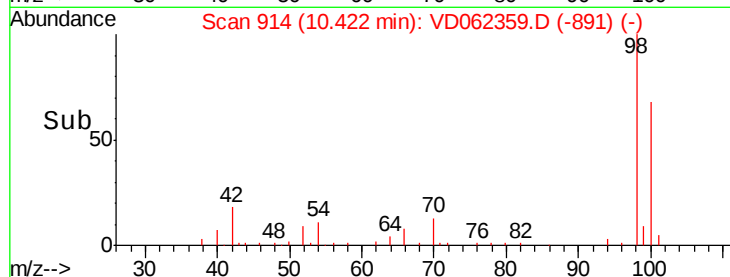
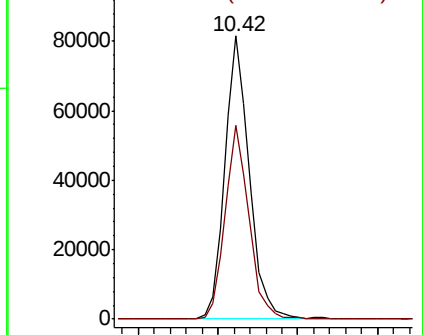
#50
Toluene-d8
Concen: 34.215 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

Instrument :
MSVOA_D
ClientSampleId :
P026-SS016-1824-01RE

Tot Ion: 98 Resp: 175966
Ion Ratio Lower Upper
98 100
100 68.3 53.8 80.8

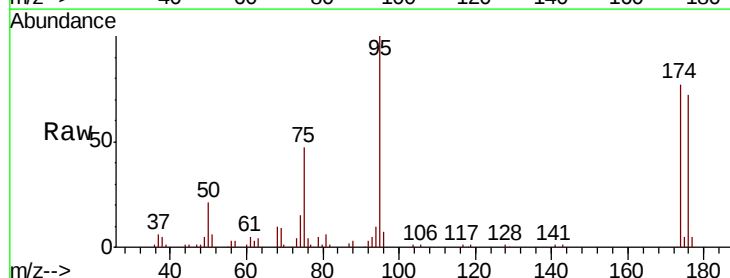


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

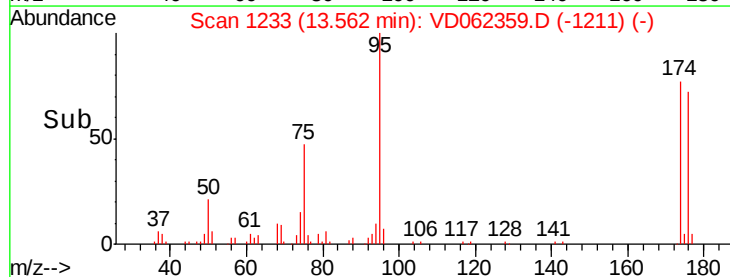
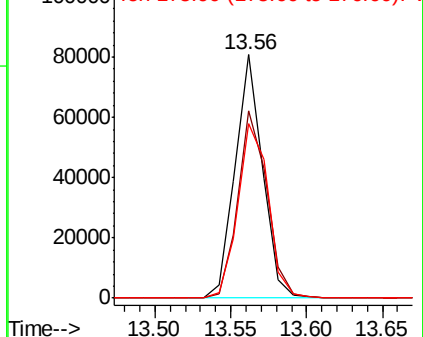


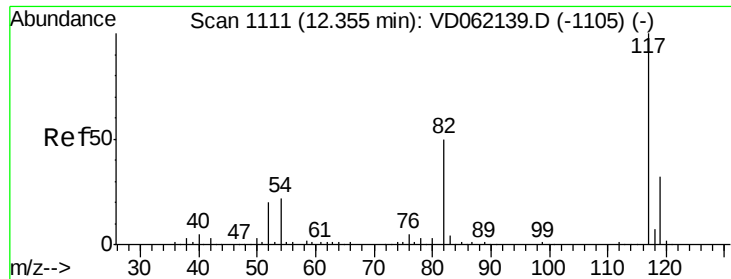
#62
4-Bromofluorobenzene
Concen: 48.934 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

Tgt Ion: 95 Resp: 101059
Ion Ratio Lower Upper
95 100
174 77.1 0.0 181.8
176 71.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

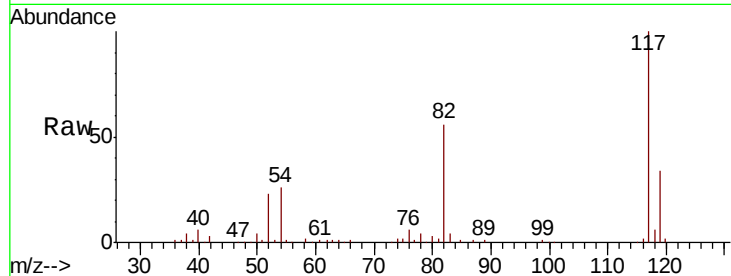




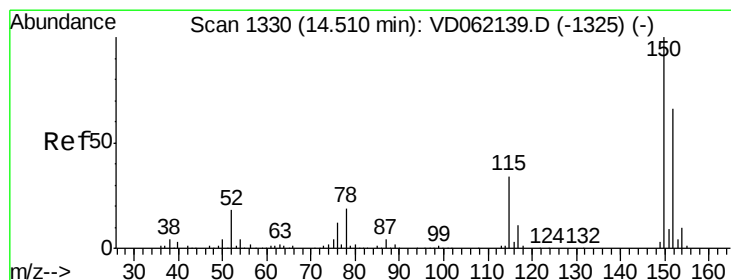
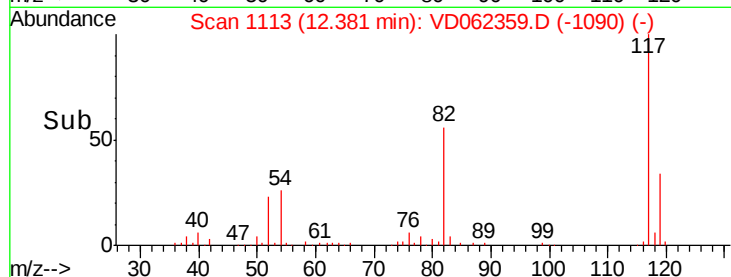
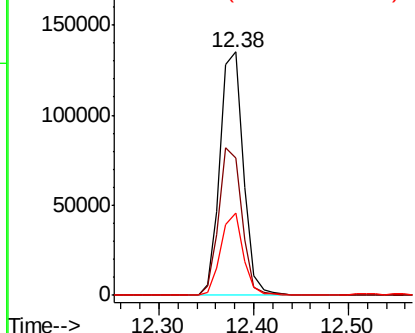
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

Instrument :
MSVOA_D
ClientSampleId :
P026-SS016-1824-01RE

Tot Ion:117 Resp: 232345
Ion Ratio Lower Upper
117 100
82 56.4 36.2 54.2#
119 33.7 26.2 39.4

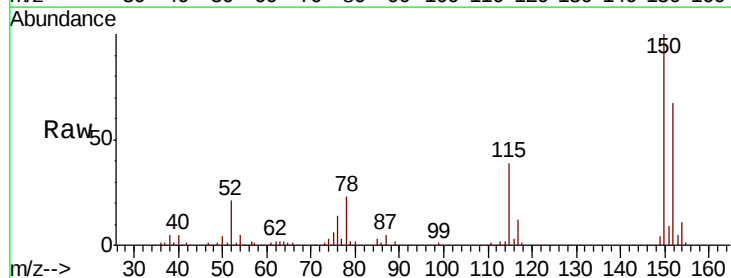


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

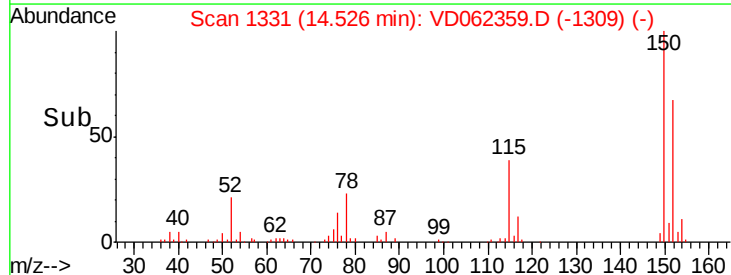
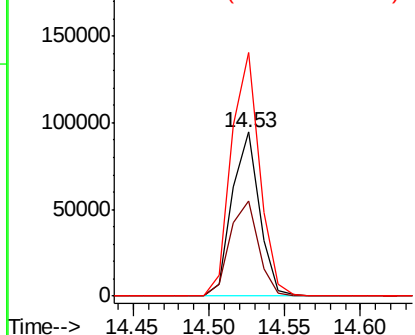


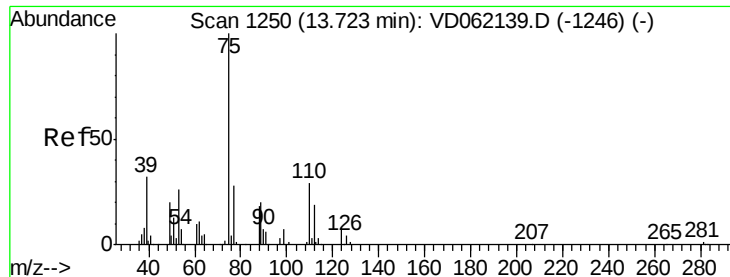
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062359.D
Acq: 14 May 2019 21:05

Tgt Ion:152 Resp: 118504
Ion Ratio Lower Upper
152 100
115 57.8 30.9 92.7
150 148.8 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

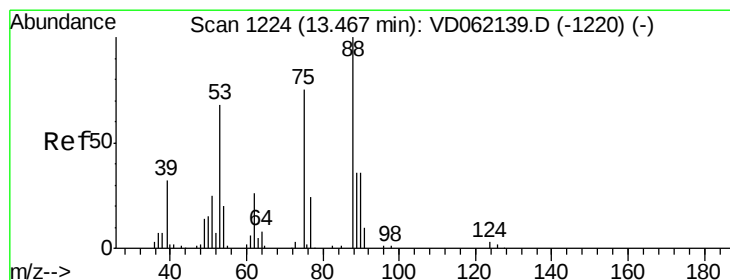
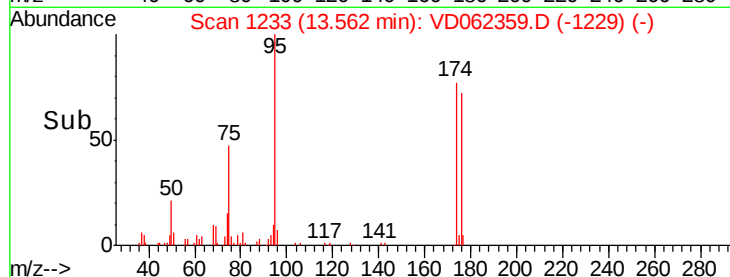
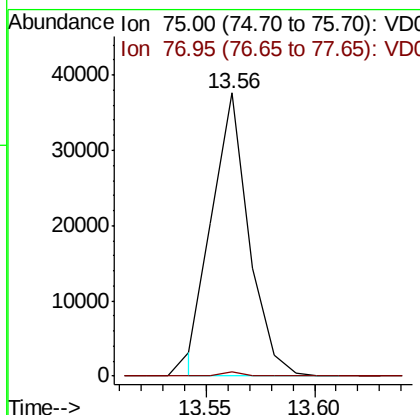
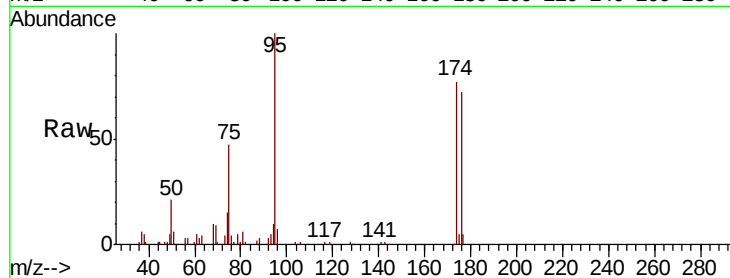




#76
 1,2,3-Trichloropropane
 Concen: 31.711 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.16 min
 Lab File: VD062359.D
 Acq: 14 May 2019 21:05

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-1824-01RE

Tot Ion: 75 Resp: 44659
 Ion Ratio Lower Upper
 75 100
 77 1.6 16.4 49.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.971 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD062359.D
 Acq: 14 May 2019 21:05

Tgt Ion: 75 Resp: 46505
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

