

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065174.D
 Acq On : 13 Feb 2020 13:11
 Operator : VA/SY
 Sample : L1523-01
 Misc : 8.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 07:18:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

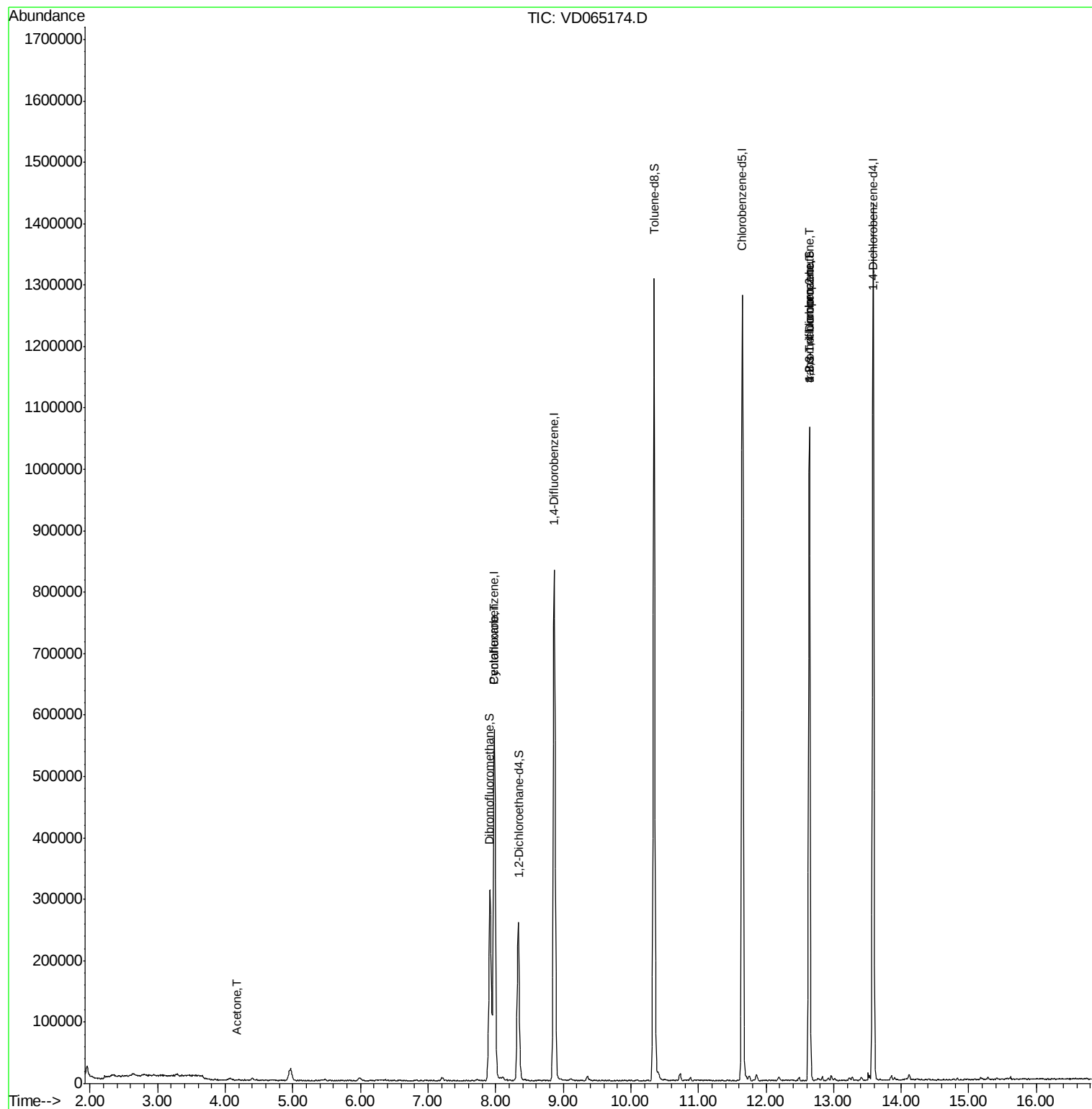
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	444835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	717454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	764029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	383175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	207320	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.92	113	225593	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	
50) Toluene-d8	10.34	98	870947	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.64	95	334176	66.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.38%	
Target Compounds						
16) Acetone	4.17	43	1992	2.107	ug/l #	89
20) Methylene Chloride	4.97	84	15838	Below Cal		90
31) Cyclohexane	7.98	56	10392	1.382	ug/l #	31
76) 1,2,3-Trichloropropane	12.64	75	171503	59.118	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	171503	118.231	ug/l #	10

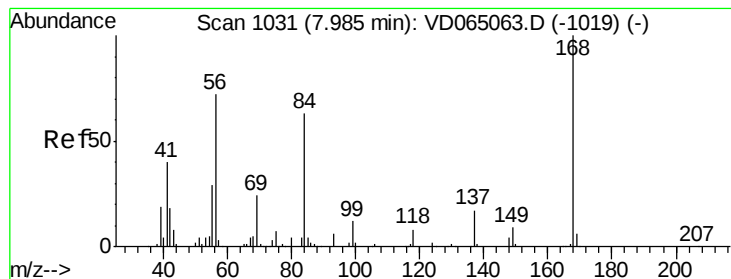
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021320\
Data File : VD065174.D
Acq On : 13 Feb 2020 13:11
Operator : VA/SY
Sample : L1523-01
Misc : 8.10G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 14 07:18:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065174.D

Acq: 13 Feb 2020 13:11

Instrument :

MSVOA_D

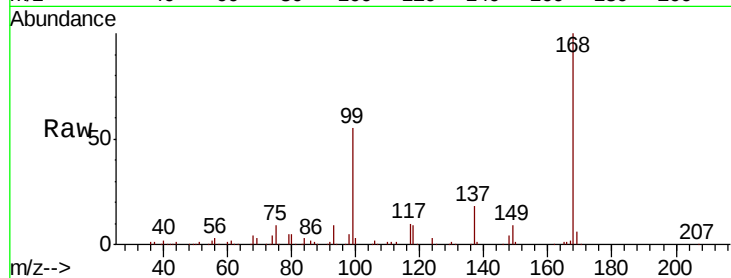
ClientSampleId :

Tot Ion:168 Resp: 444835

Ion Ratio Lower Upper

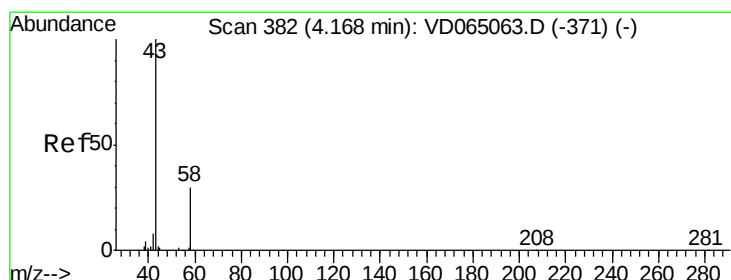
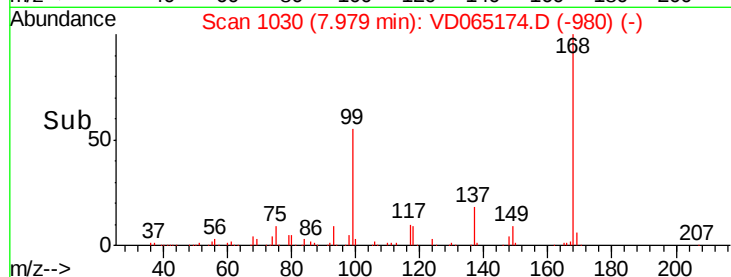
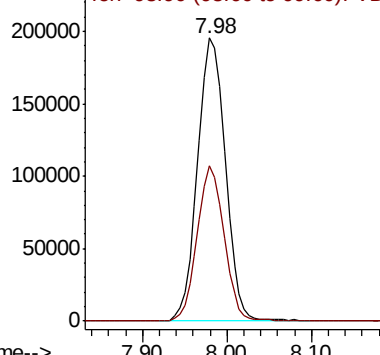
168 100

99 54.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 2.107 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065174.D

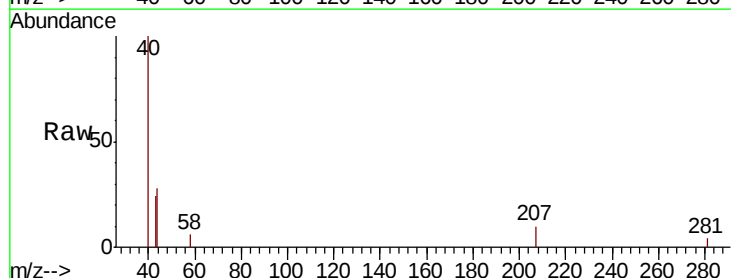
Acq: 13 Feb 2020 13:11

Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

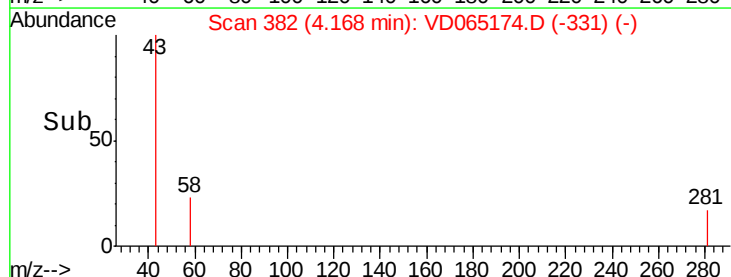
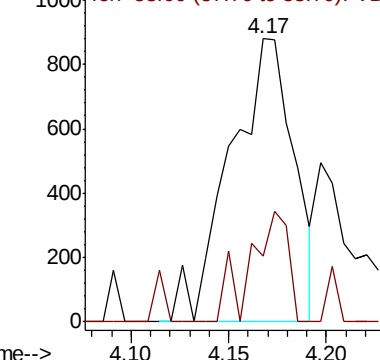
43 100

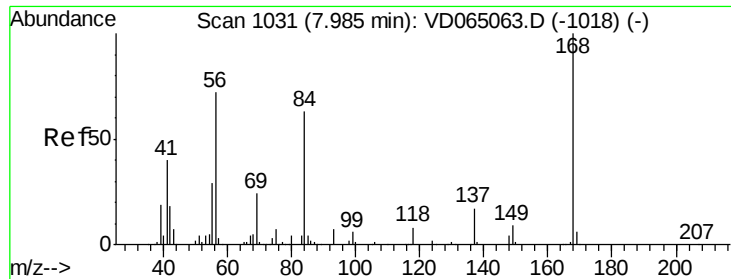
58 23.4 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

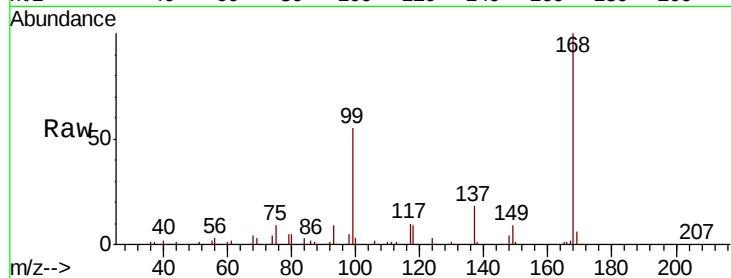




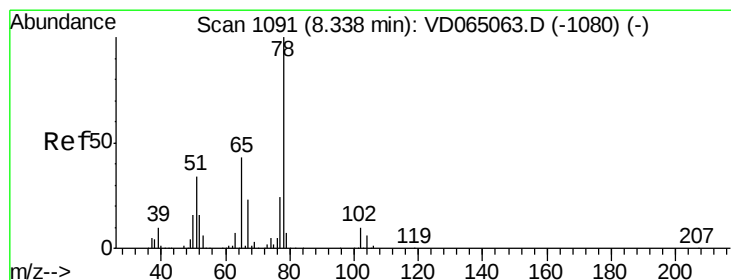
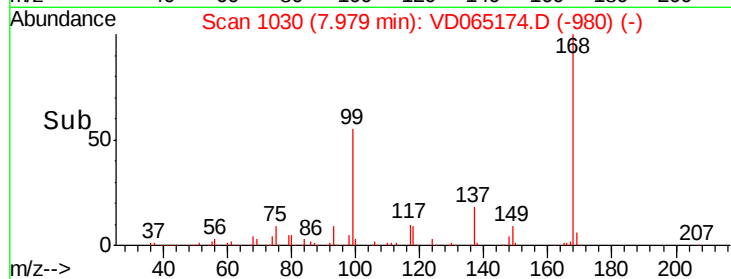
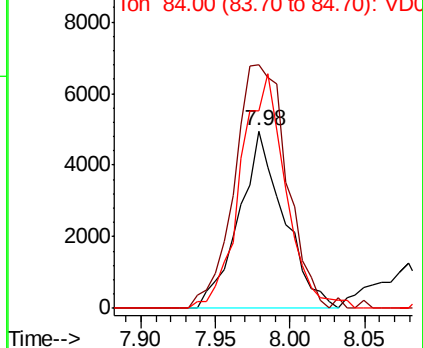
#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065174.D
Acq: 13 Feb 2020 13:11

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 10392
Ion Ratio Lower Upper
56 100
69 137.4 26.6 40.0#
84 111.7 70.6 106.0#

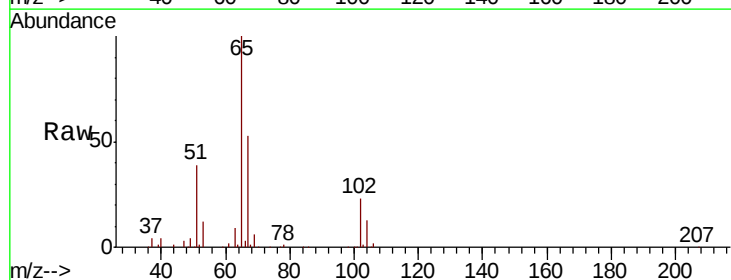


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

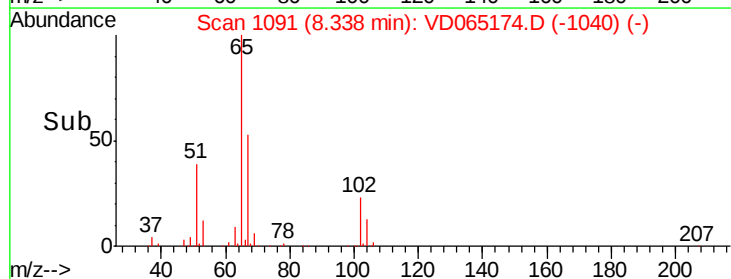
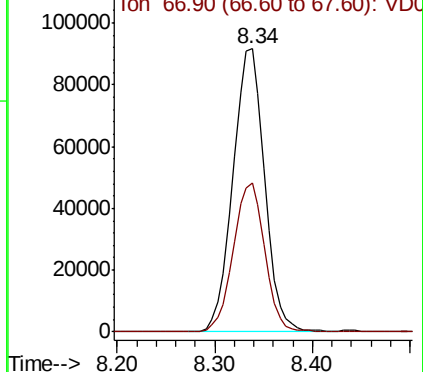


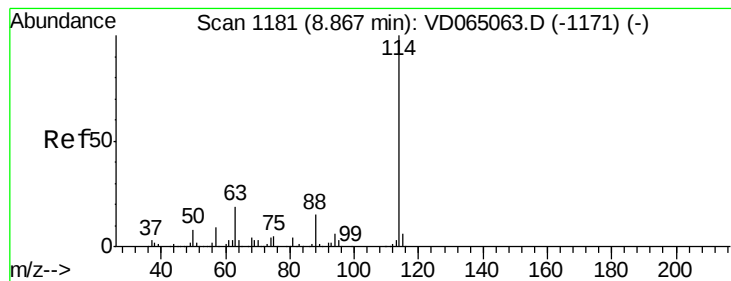
#33
1,2-Dichloroethane-d4
Concen: 54.836 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065174.D
Acq: 13 Feb 2020 13:11

Tgt Ion: 65 Resp: 207320
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065174.D

Acq: 13 Feb 2020 13:11

Instrument :

MSVOA_D

ClientSampleId :

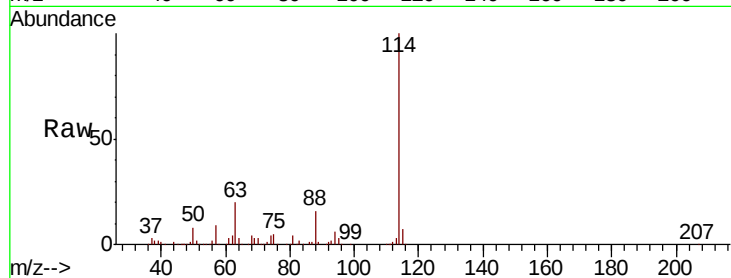
Tot Ion:114 Resp: 717454

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

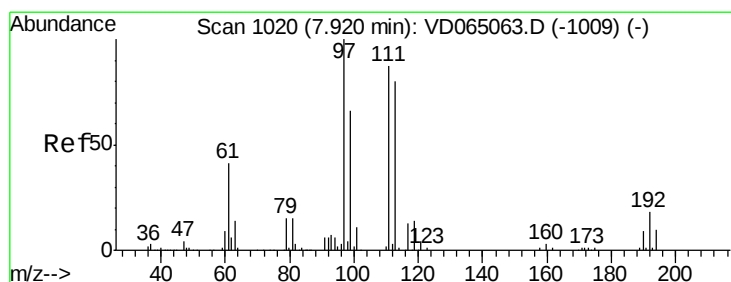
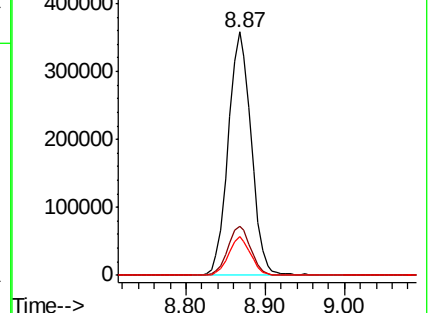
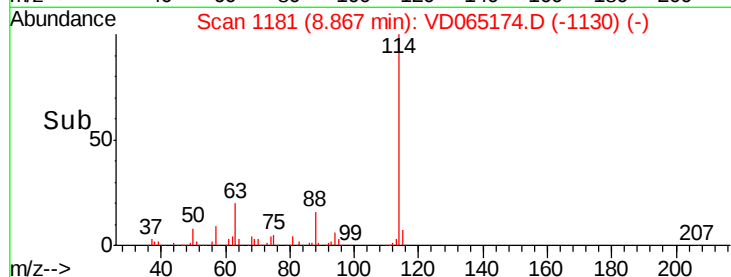
88 15.9 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 56.357 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065174.D

Acq: 13 Feb 2020 13:11

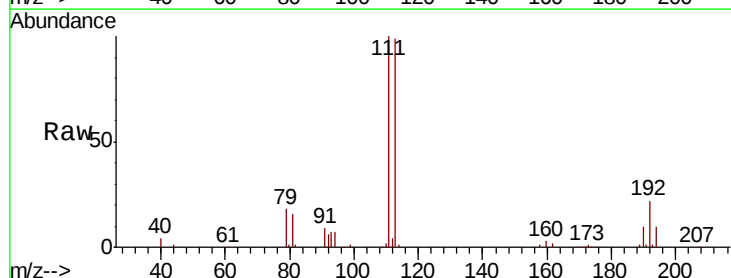
Tgt Ion:113 Resp: 225593

Ion Ratio Lower Upper

113 100

111 102.6 83.1 124.7

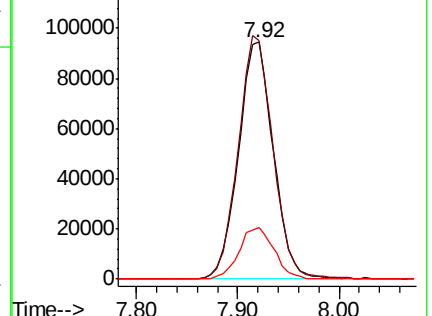
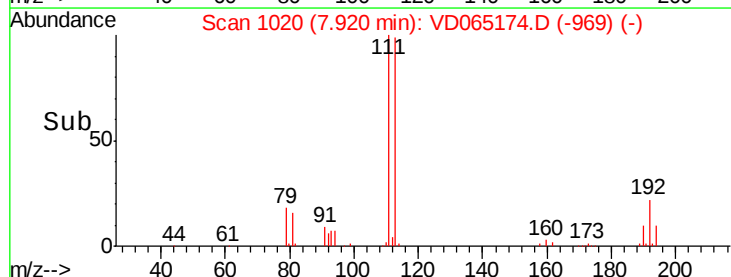
192 21.9 18.1 27.1

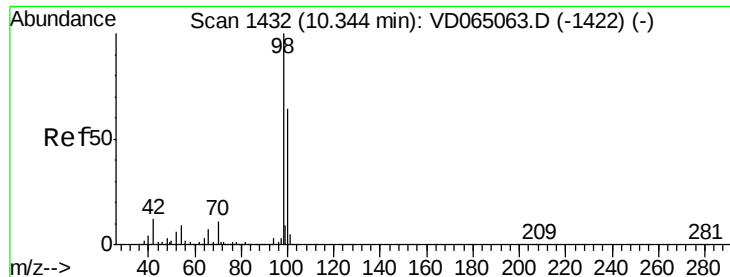


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

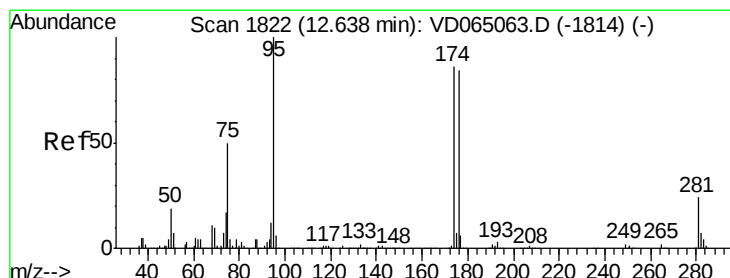
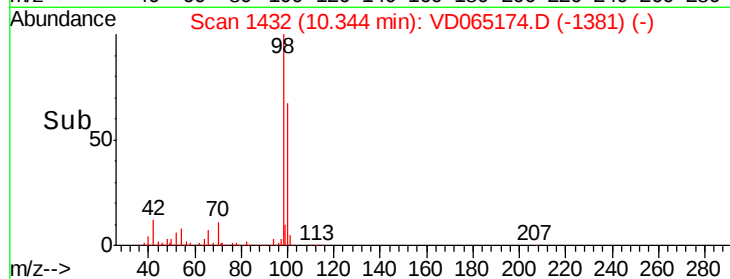
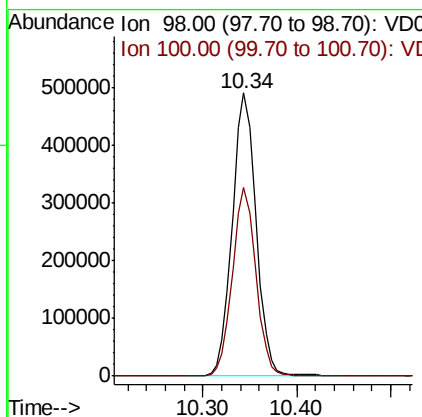
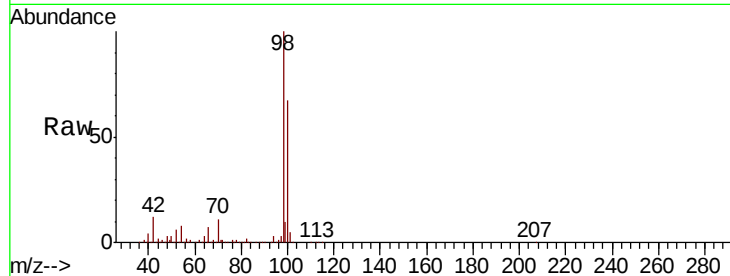




#50
Toluene-d8
Concen: 54.663 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065174.D
Acq: 13 Feb 2020 13:11

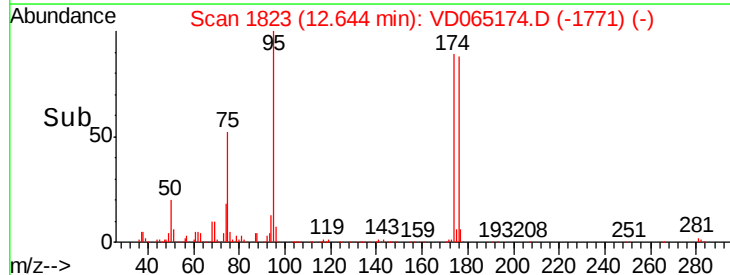
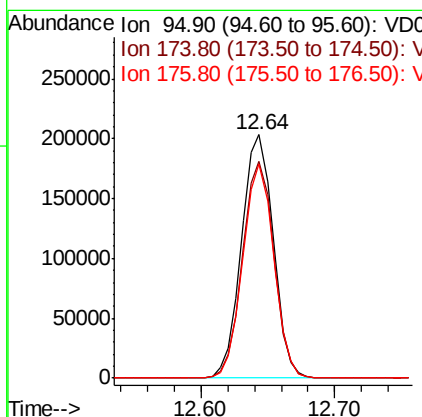
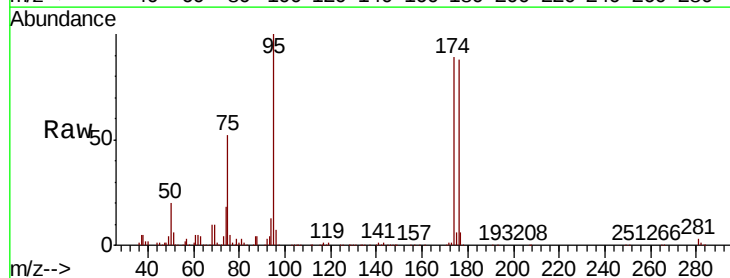
Instrument :
MSVOA_D
ClientSampled :

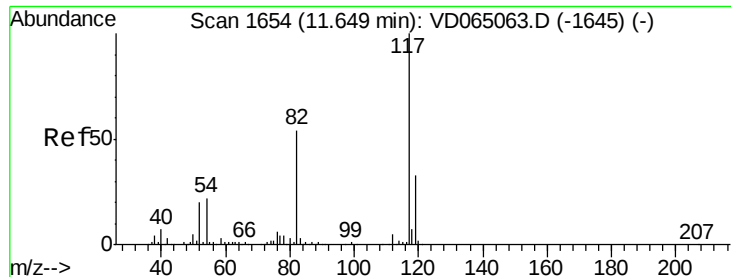
Tot Ion: 98 Resp: 870947
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 66.193 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065174.D
Acq: 13 Feb 2020 13:11

Tgt Ion: 95 Resp: 334176
Ion Ratio Lower Upper
95 100
174 88.2 0.0 180.0
176 86.0 0.0 173.2

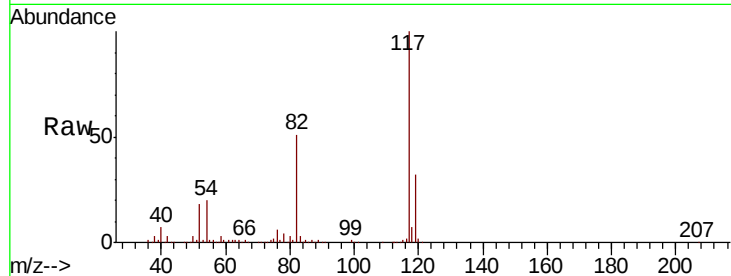




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065174.D
Acq: 13 Feb 2020 13:11

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.1	64.7
119	31.7	26.0	39.0

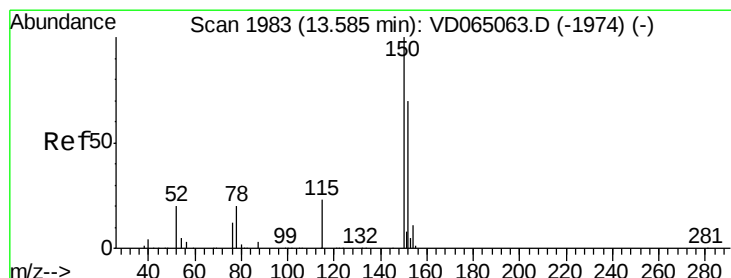
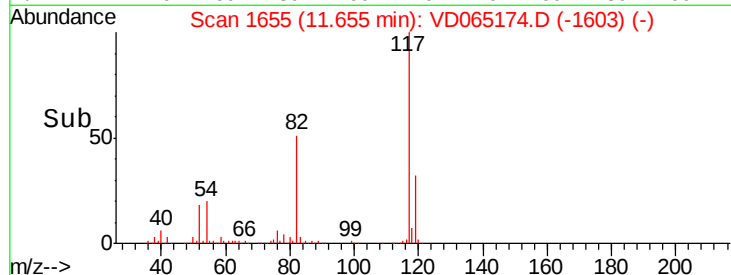
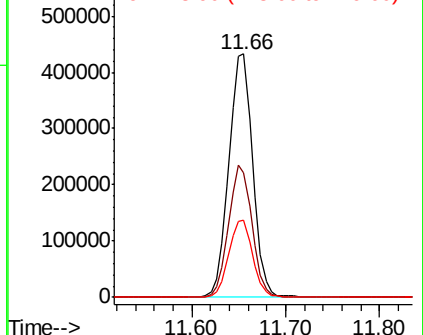


Abundance

Ion 116.90 (116.60 to 117.60): V

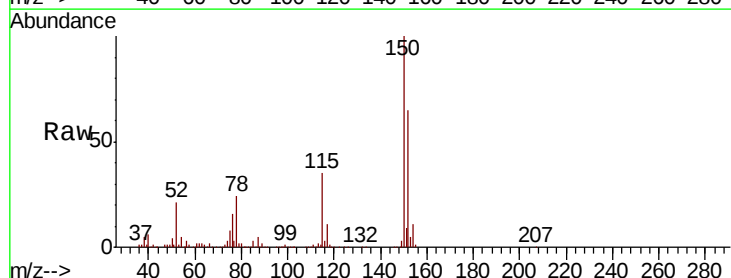
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065174.D
Acq: 13 Feb 2020 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.5	82.4
150	155.5	0.0	343.2

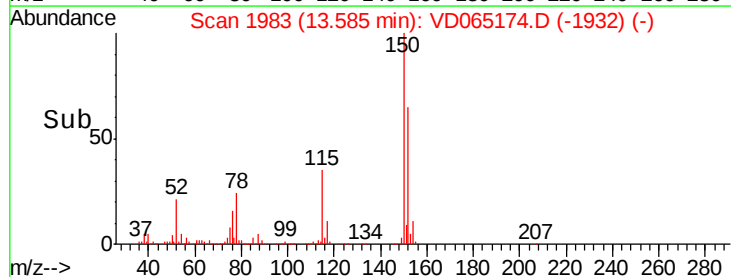
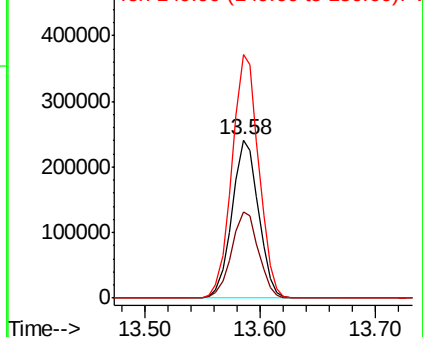


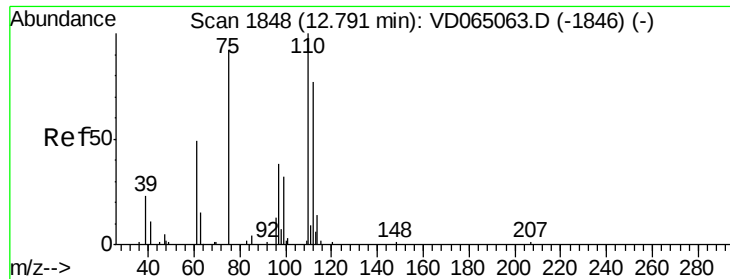
Abundance

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

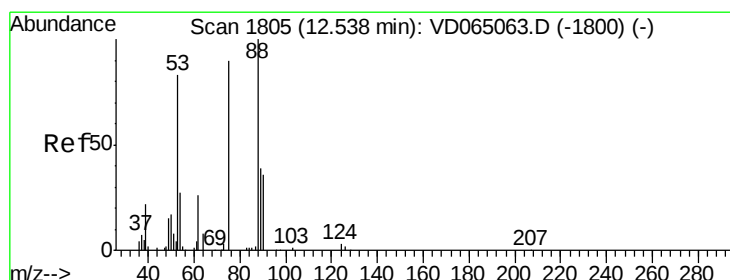
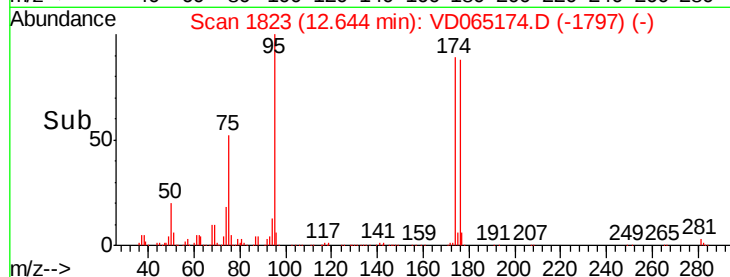
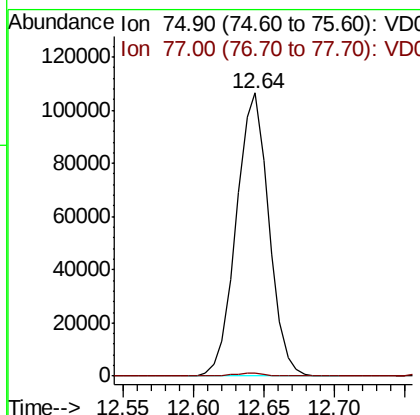
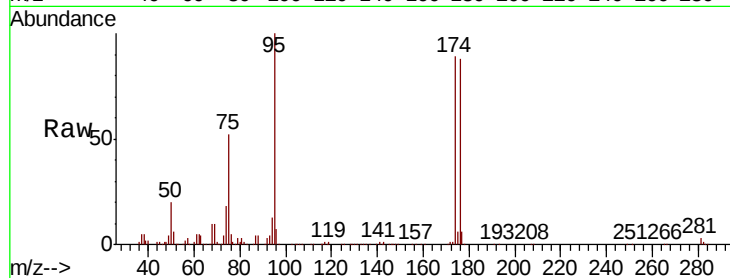




#76
 1,2,3-Trichloropropane
 Concen: 59.118 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. -0.15 min
 Lab File: VD065174.D
 Acq: 13 Feb 2020 13:11

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 171503
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.231 ug/l
 RT: 12.64 min Scan# 1823
 Delta R.T. 0.11 min
 Lab File: VD065174.D
 Acq: 13 Feb 2020 13:11

Tgt Ion: 75 Resp: 171503
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.5 117.7#
 89 0.0 37.0 55.4#

