

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065176.D
 Acq On : 13 Feb 2020 14:09
 Operator : VA/SY
 Sample : L1523-03
 Misc : 8.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 07:18:33 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

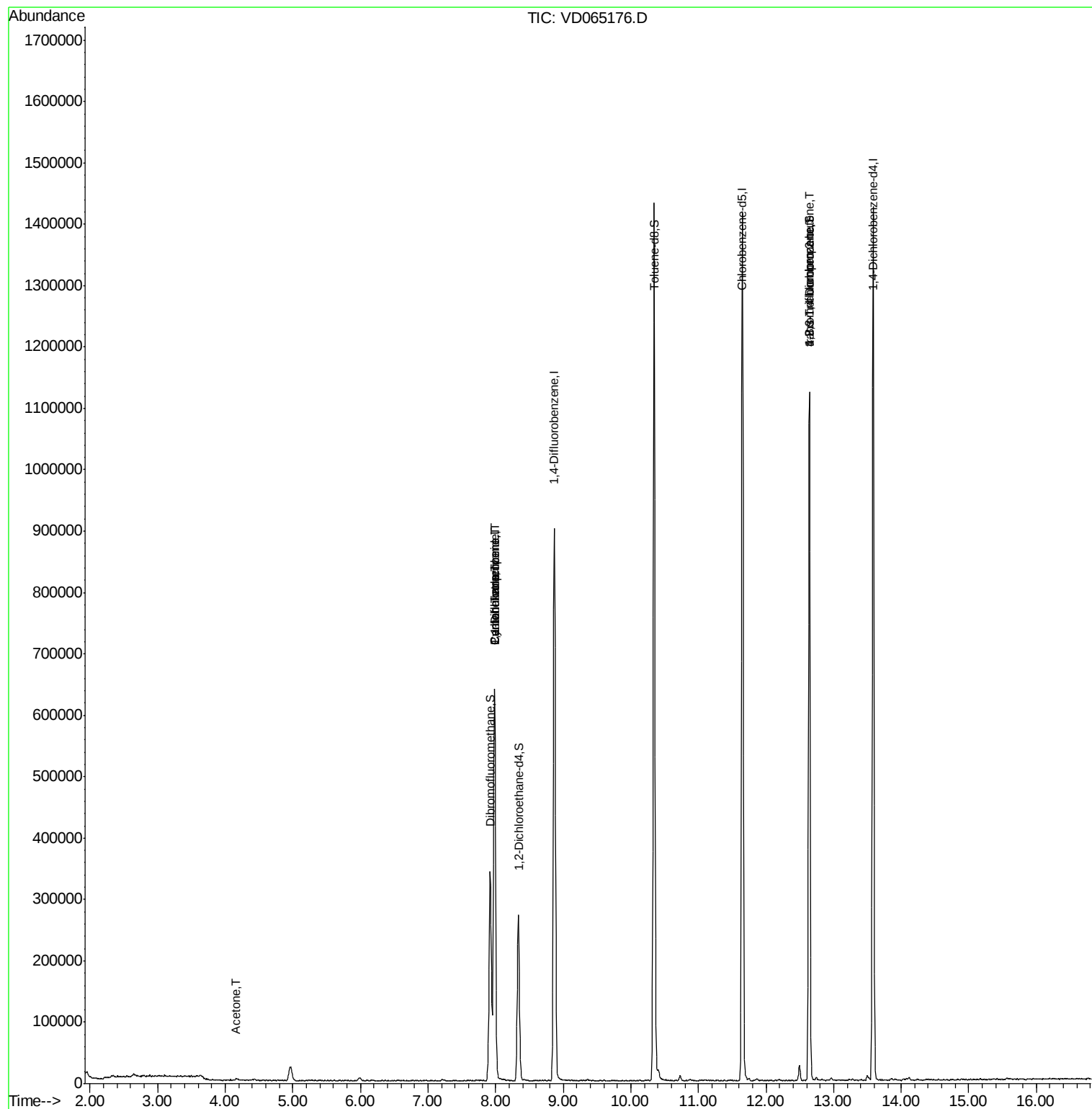
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	486831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	790234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	815342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	378371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	217206	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
35) Dibromofluoromethane	7.92	113	242655	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
50) Toluene-d8	10.34	98	967988	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.64	95	348781	62.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.44%	
Target Compounds				Qvalue		
16) Acetone	4.17	43	4777	4.618	ug/l	96
31) Cyclohexane	7.99	56	10843	1.317	ug/l #	32
36) 1,1-Dichloropropene	7.99	75	35122	4.780	ug/l #	50
38) Carbon Tetrachloride	7.99	117	46523	6.199	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	177964	62.124	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	177964	124.243	ug/l #	10

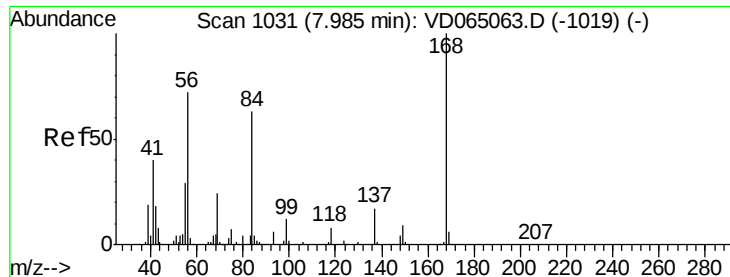
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065176.D

Acq: 13 Feb 2020 14:09

Instrument :

MSVOA_D

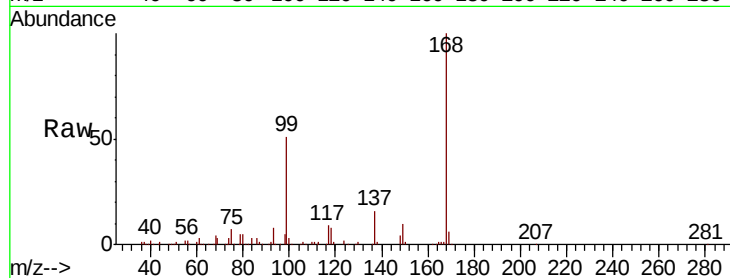
ClientSampleId :

Tot Ion:168 Resp: 486831

Ion Ratio Lower Upper

168 100

99 50.9 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

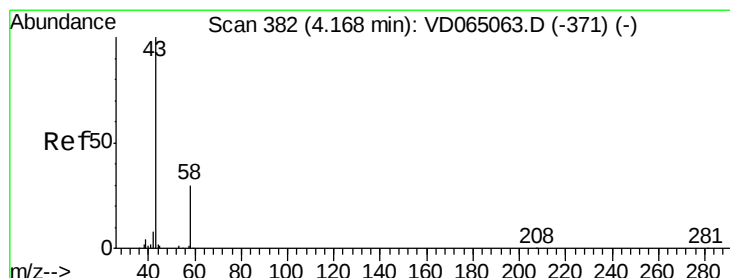
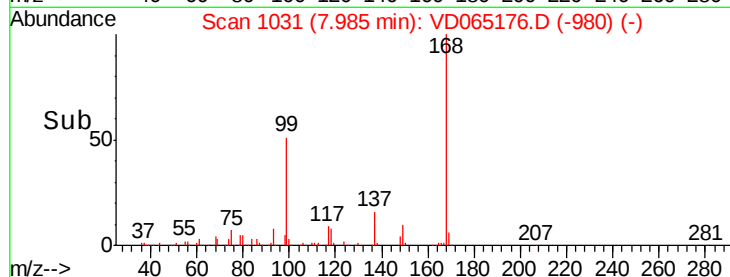
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.618 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065176.D

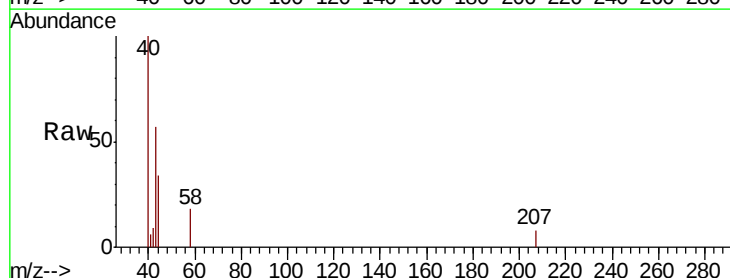
Acq: 13 Feb 2020 14:09

Tgt Ion: 43 Resp: 4777

Ion Ratio Lower Upper

43 100

58 31.4 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

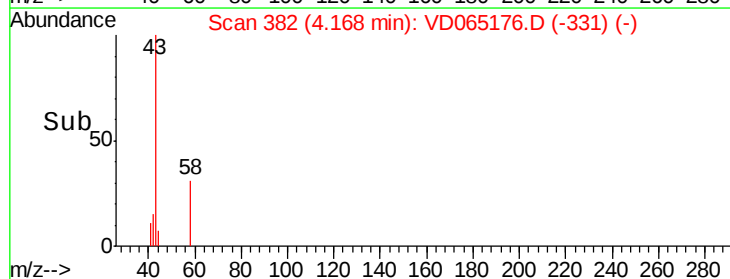
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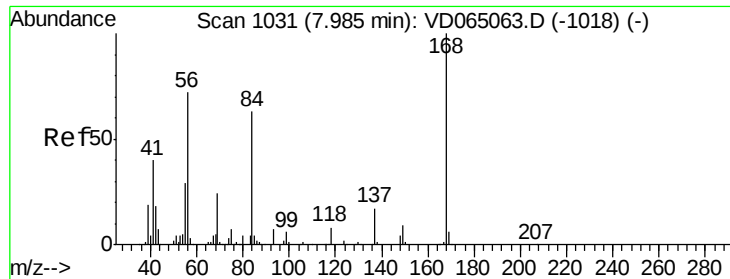
1000

500

0

Time-->

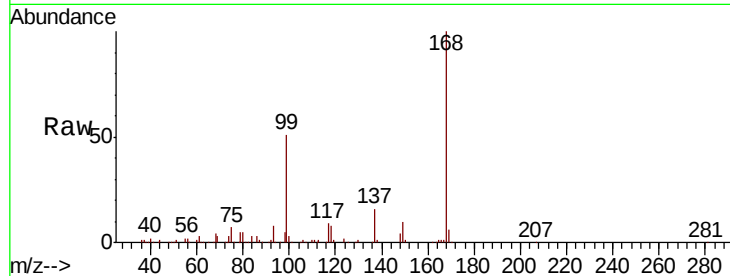




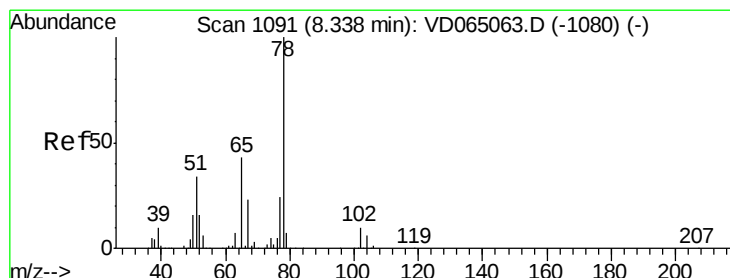
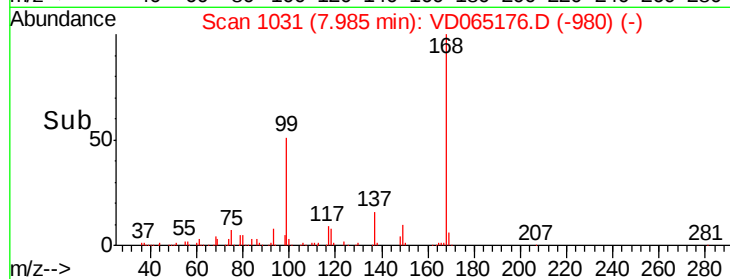
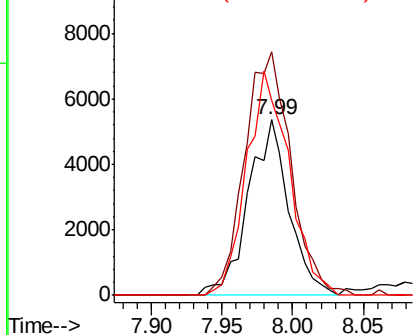
#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065176.D
Acq: 13 Feb 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 10843
Ion Ratio Lower Upper
56 100
69 138.8 26.6 40.0#
84 110.8 70.6 106.0#

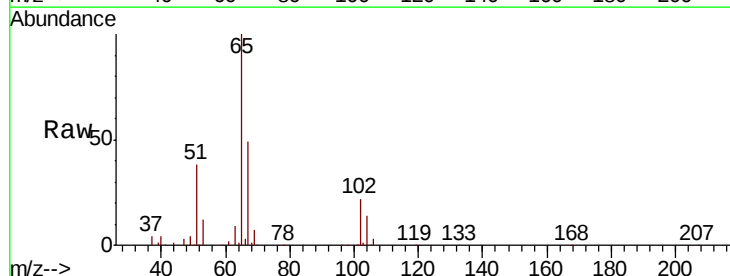


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

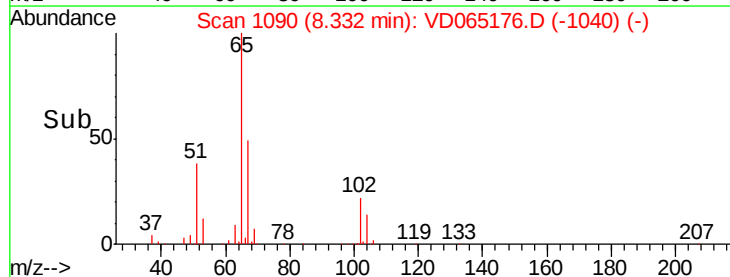
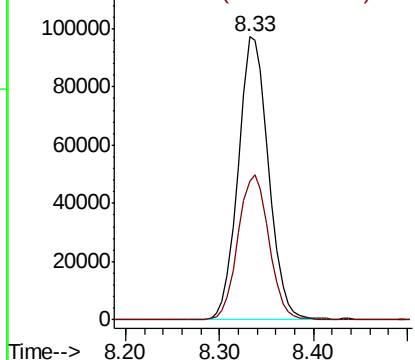


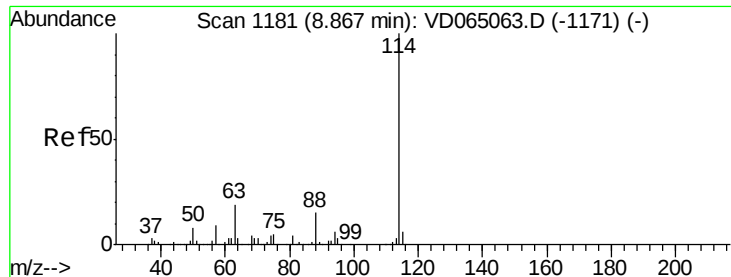
#33
1,2-Dichloroethane-d4
Concen: 52.495 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065176.D
Acq: 13 Feb 2020 14:09

Tgt Ion: 65 Resp: 217206
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

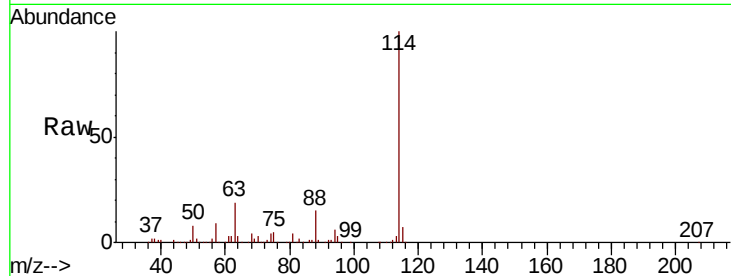




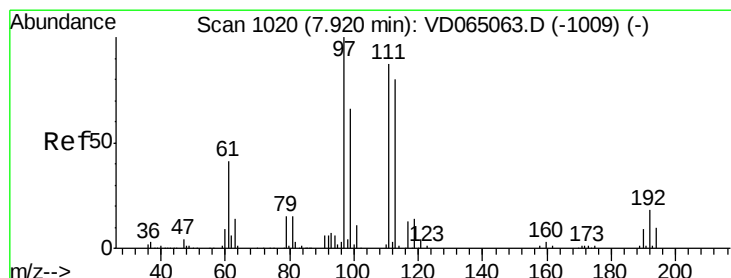
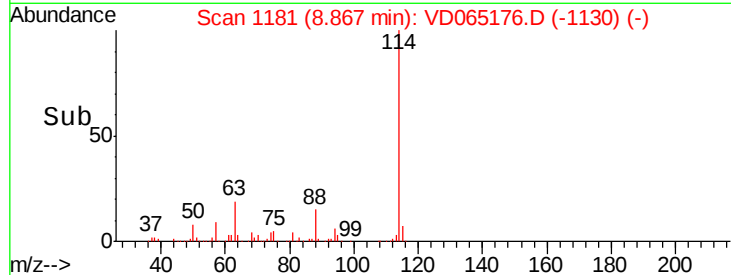
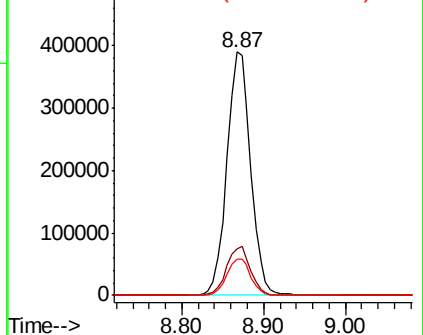
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065176.D
 Acq: 13 Feb 2020 14:09

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	14.8	0.0	29.6

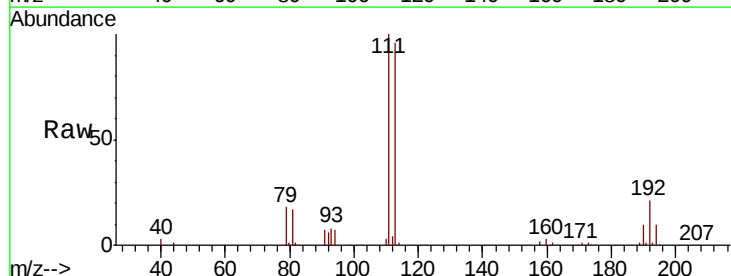


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

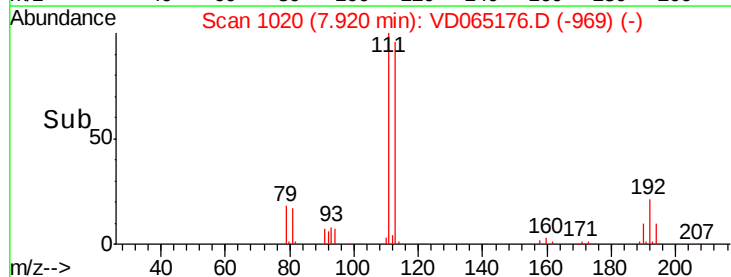
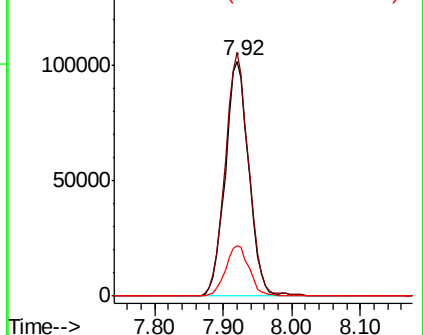


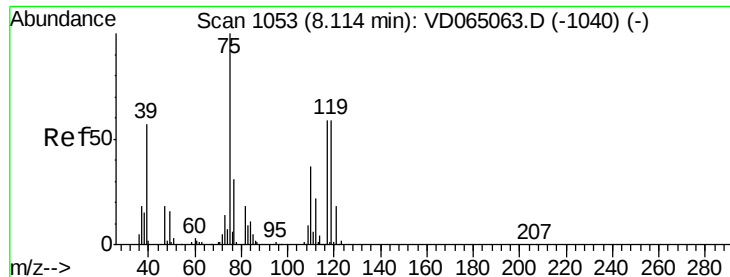
#35
 Dibromofluoromethane
 Concen: 55.036 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065176.D
 Acq: 13 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	21.4	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

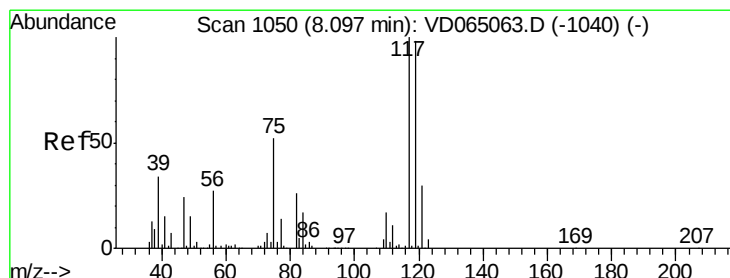
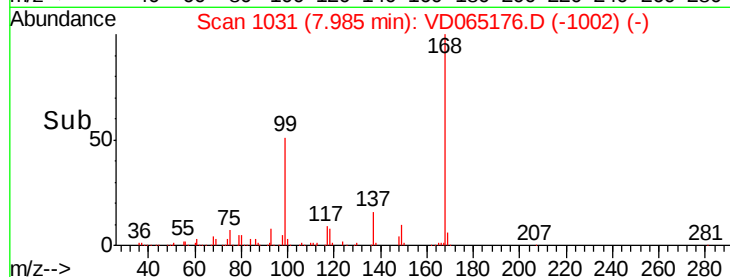
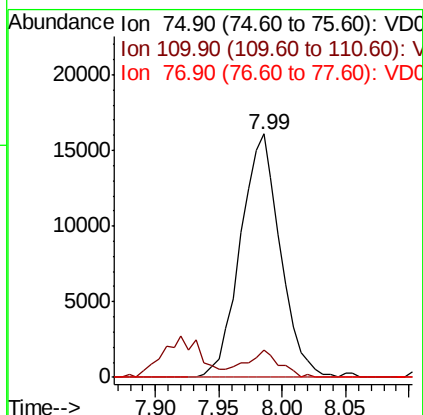
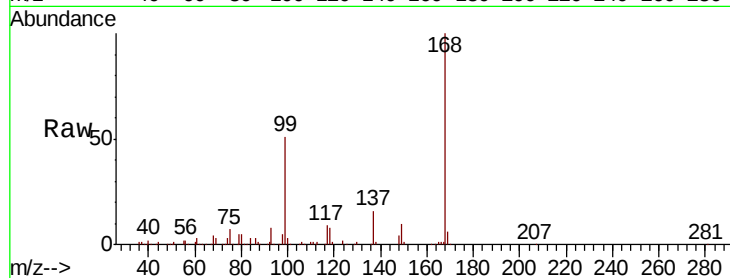




#36
 1,1-Dichloropropene
 Concen: 4.780 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065176.D
 Acq: 13 Feb 2020 14:09

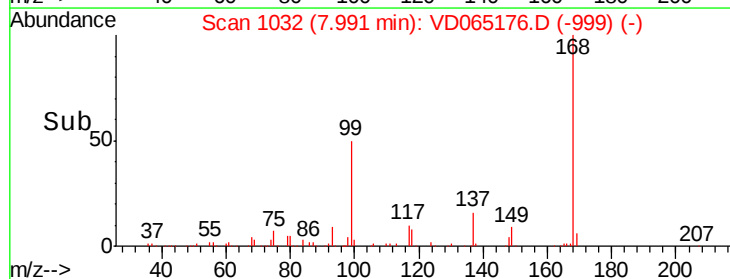
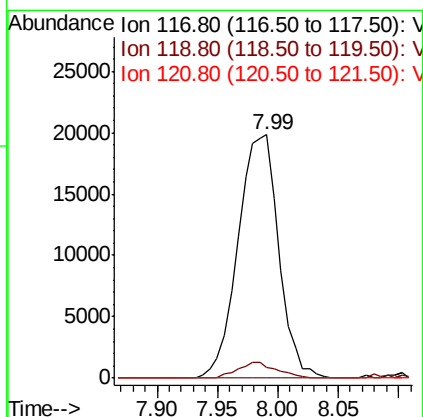
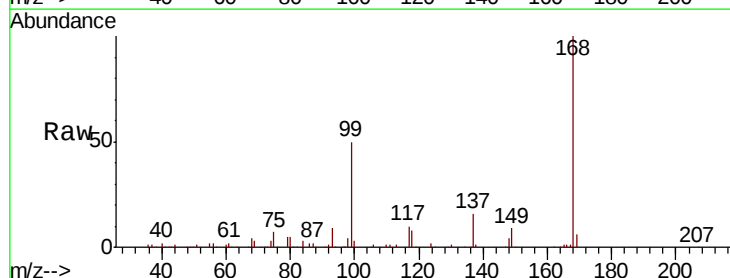
Instrument :
 MSVOA_D
 ClientSampleId :

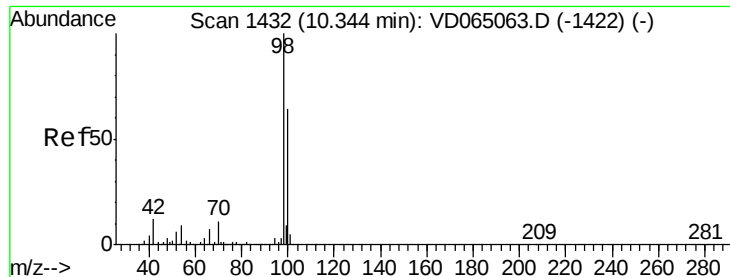
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.199 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VD065176.D
 Acq: 13 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	78.5	117.7#
121	0.0	23.8	35.6#

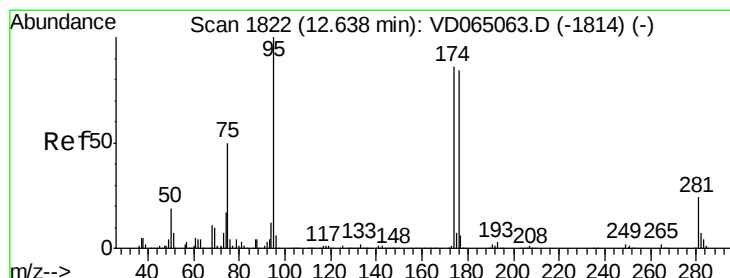
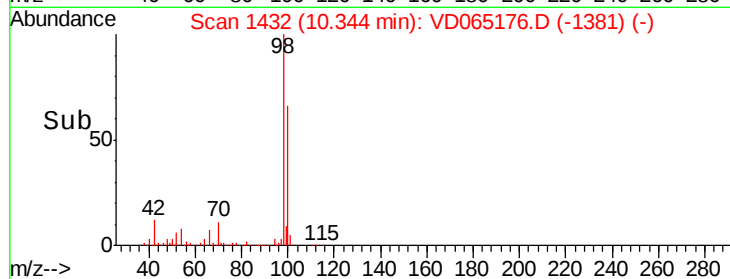
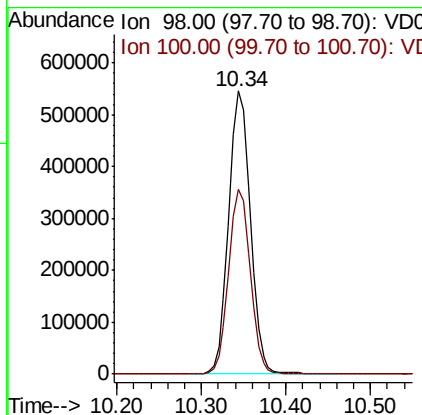
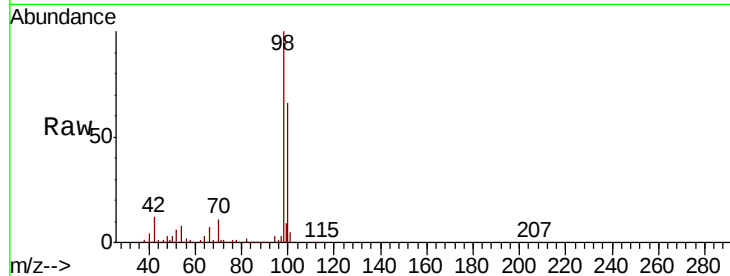




#50
Toluene-d8
Concen: 55.159 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065176.D
Acq: 13 Feb 2020 14:09

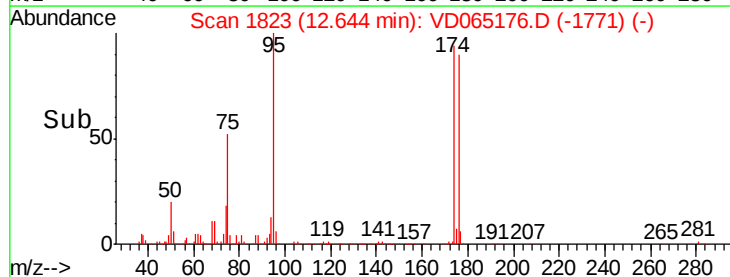
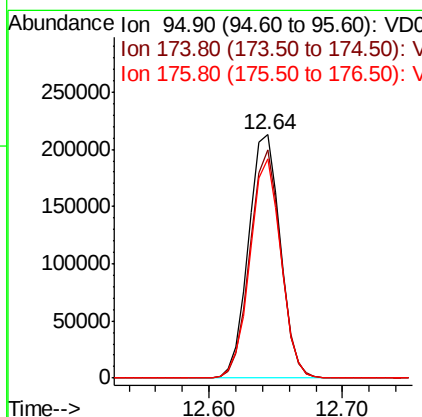
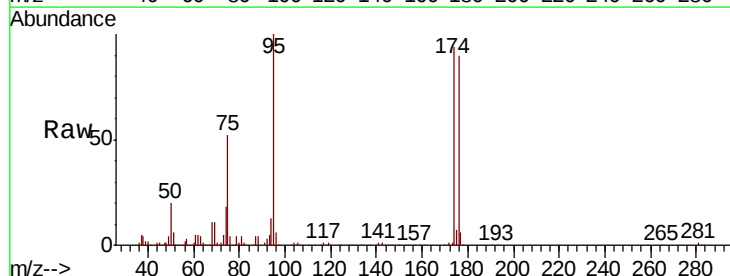
Instrument :
MSVOA_D
ClientSampleId :

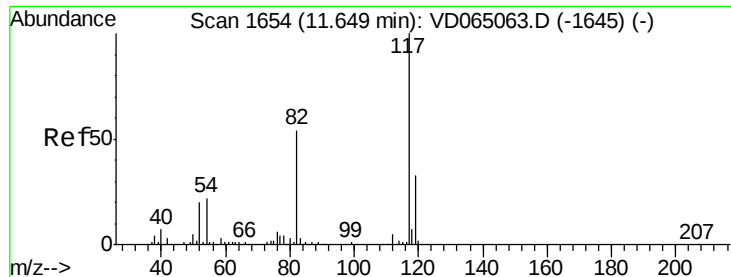
Tot Ion: 98 Resp: 967988
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 62.723 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065176.D
Acq: 13 Feb 2020 14:09

Tgt Ion: 95 Resp: 348781
Ion Ratio Lower Upper
95 100
174 90.7 0.0 180.0
176 87.4 0.0 173.2

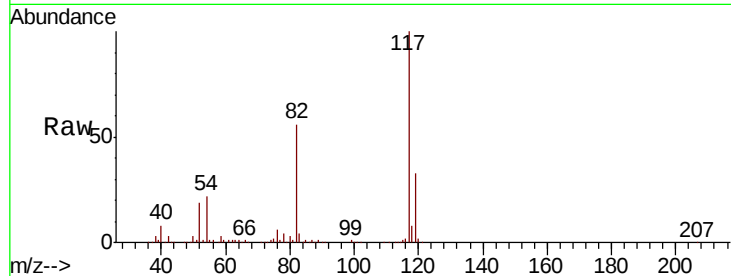




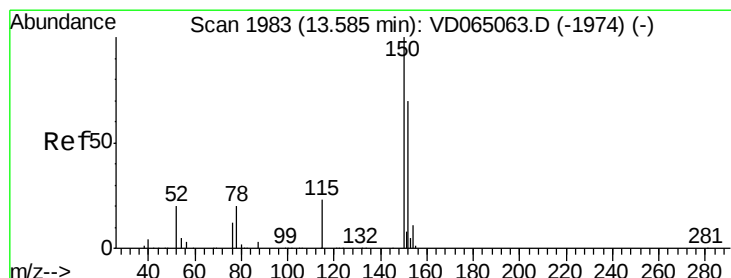
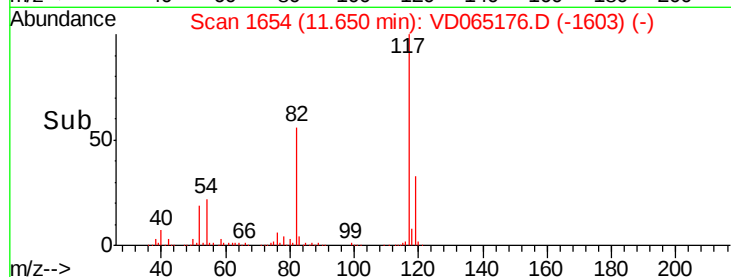
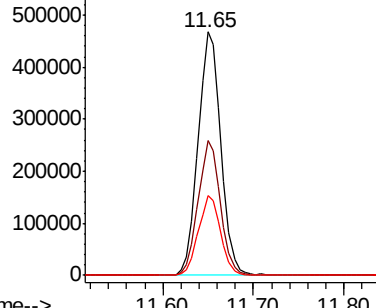
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065176.D
Acq: 13 Feb 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 815342
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 32.8 26.0 39.0

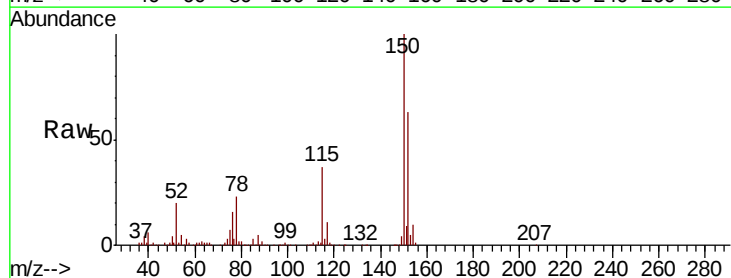


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

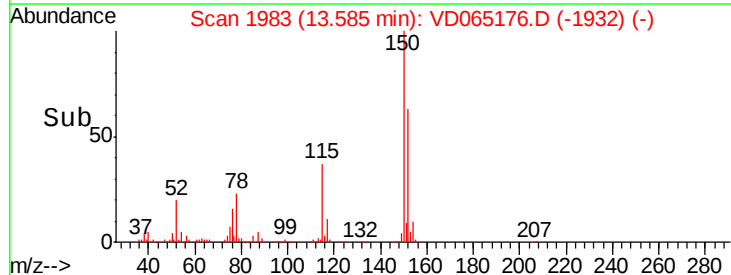
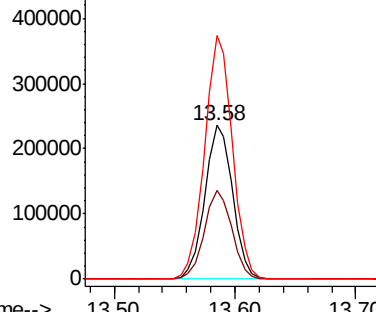


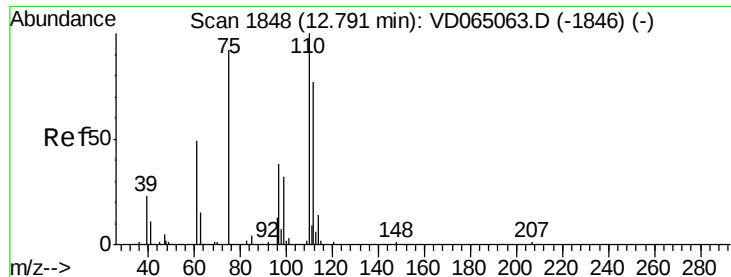
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065176.D
Acq: 13 Feb 2020 14:09

Tgt Ion:152 Resp: 378371
Ion Ratio Lower Upper
152 100
115 57.3 27.5 82.4
150 157.8 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: 62.124 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065176.D

Acq: 13 Feb 2020 14:09

Instrument :

MSVOA_D

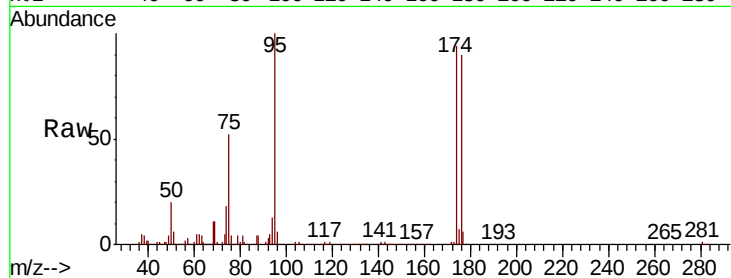
ClientSampleId :

Tot Ion: 75 Resp: 177964

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

120000

100000

80000

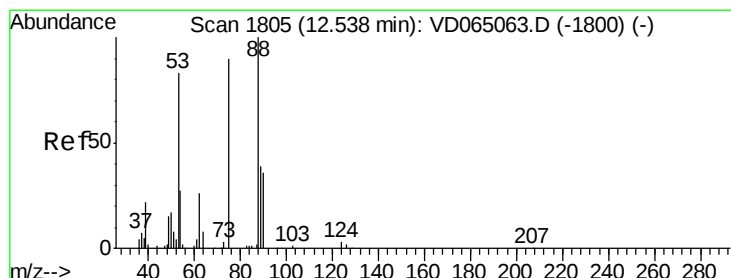
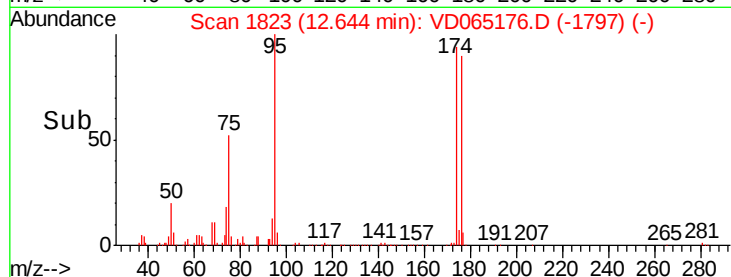
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 124.243 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065176.D

Acq: 13 Feb 2020 14:09

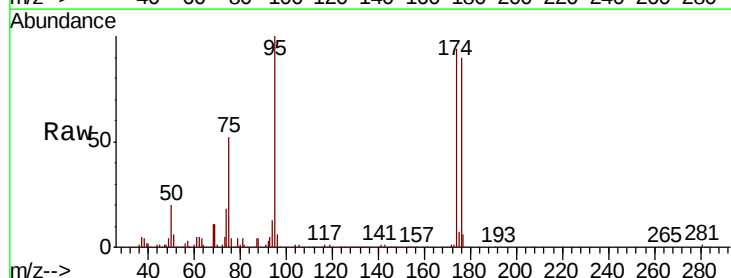
Tgt Ion: 75 Resp: 177964

Ion Ratio Lower Upper

75 100

53 0.2 78.5 117.7#

89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

150000

100000

50000

0

Time-->

