

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065113.D
 Acq On : 07 Feb 2020 16:48
 Operator : VA/SY
 Sample : L1403-08
 Misc : 7.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:08:39 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

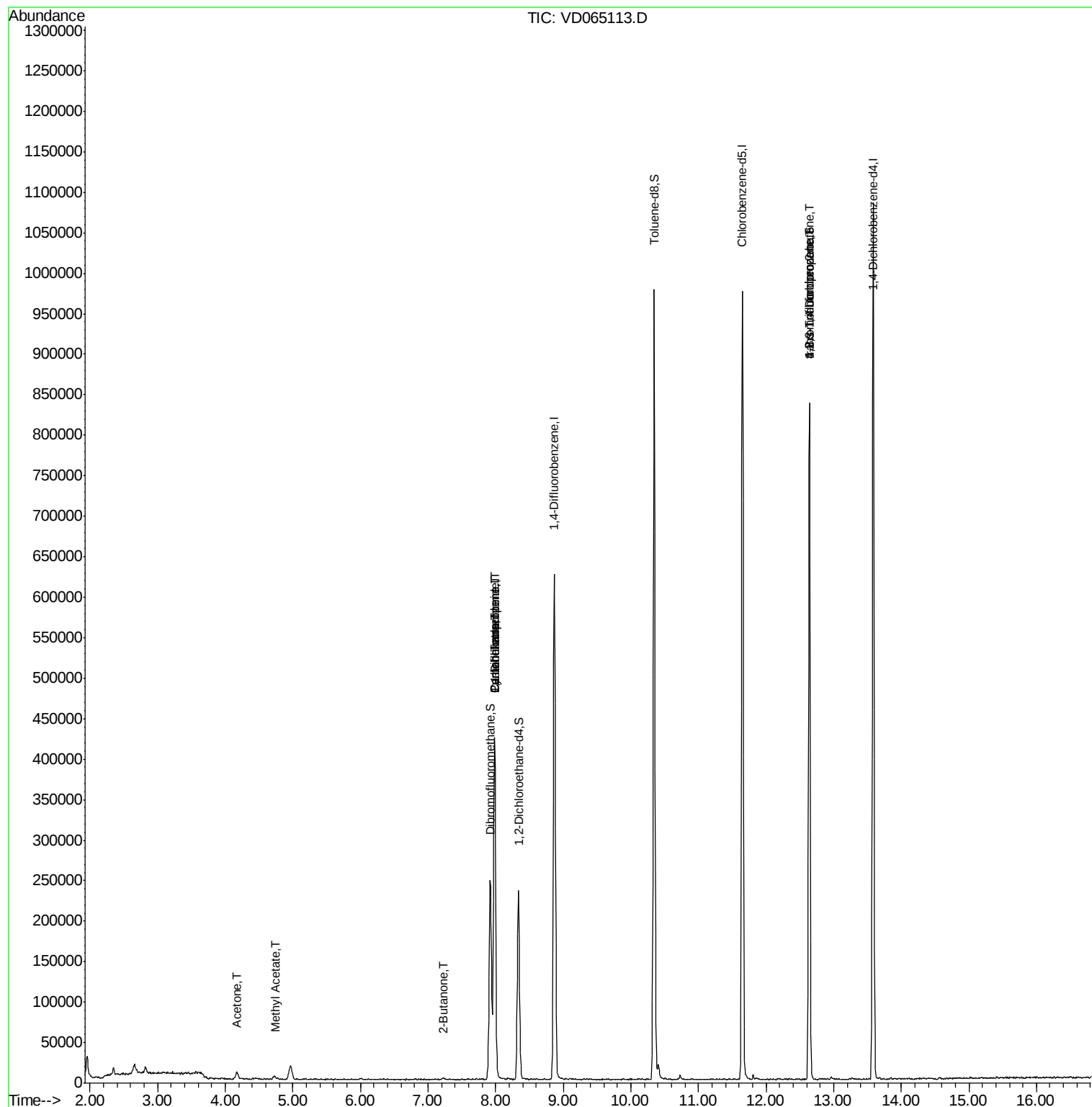
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	322977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	525295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	571193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	189278	68.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.90%	
35) Dibromofluoromethane	7.92	113	174510	59.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.08%	
50) Toluene-d8	10.34	98	652330	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
62) 4-Bromofluorobenzene	12.64	95	256069	69.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.56%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	14882	21.684	ug/l	90
18) Methyl Acetate	4.74	43	6343	4.424	ug/l	92
25) 2-Butanone	7.22	43	900	1.099	ug/l #	50
31) Cyclohexane	7.98	56	7067	1.294	ug/l #	21
36) 1,1-Dichloropropene	7.98	75	24326	4.980	ug/l #	49
38) Carbon Tetrachloride	7.98	117	31494	6.313	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	135107	60.217	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	135107	120.430	ug/l #	10

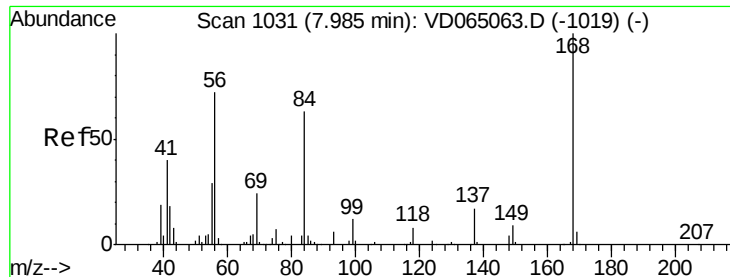
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Feb 08 00:08:39 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# 1031

Delta R.T. -0.00 min

Lab File: VD065113.D

Acq: 07 Feb 2020 16:48

Instrument :

MSVOA_D

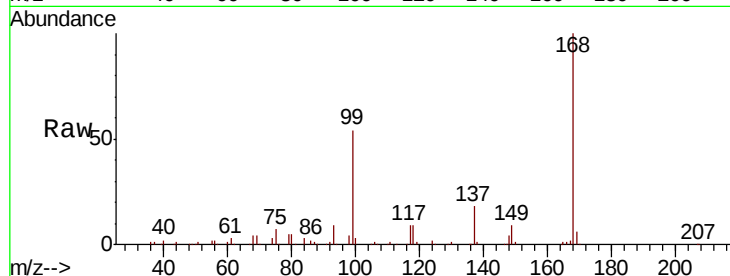
ClientSampleId :

Tot Ion:168 Resp: 322977

Ion Ratio Lower Upper

168 100

99 53.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

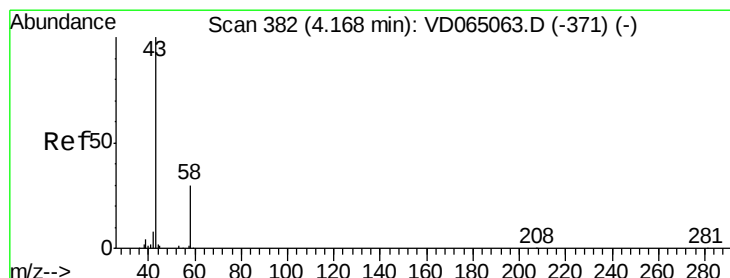
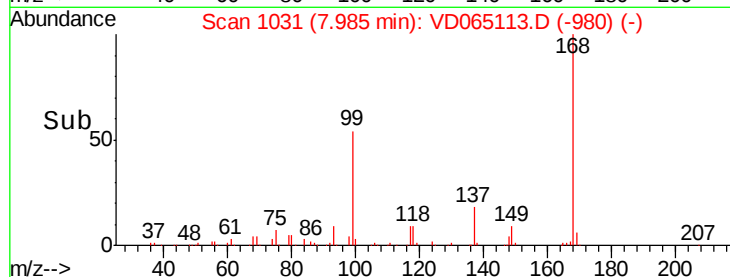
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 21.684 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065113.D

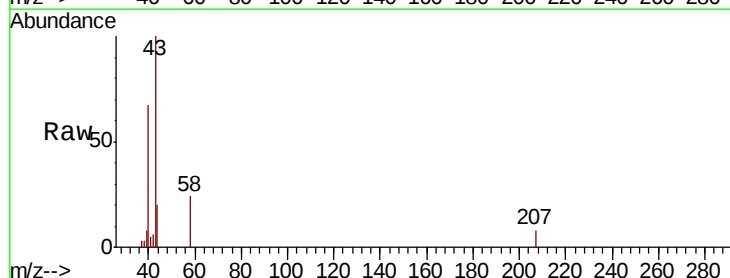
Acq: 07 Feb 2020 16:48

Tgt Ion: 43 Resp: 14882

Ion Ratio Lower Upper

43 100

58 24.1 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

6000

5000

4000

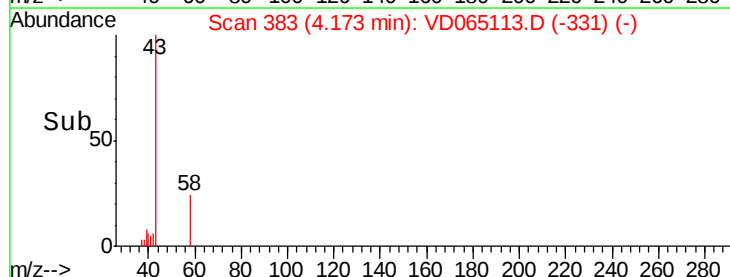
3000

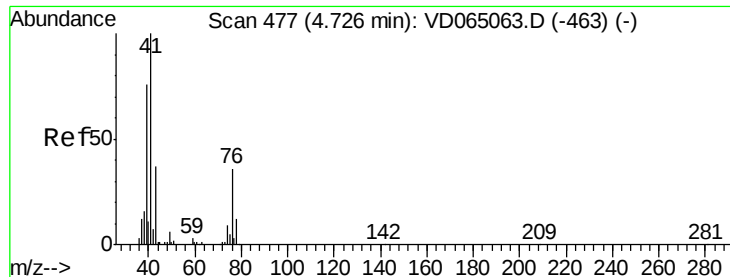
2000

1000

0

Time-->

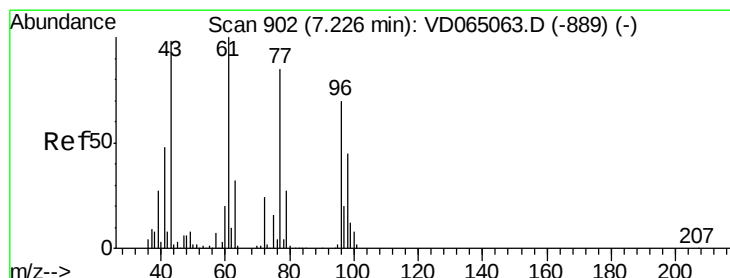
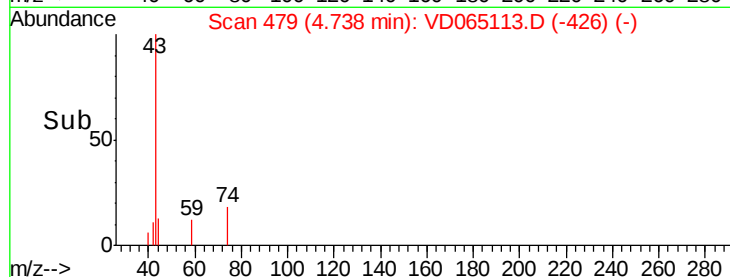
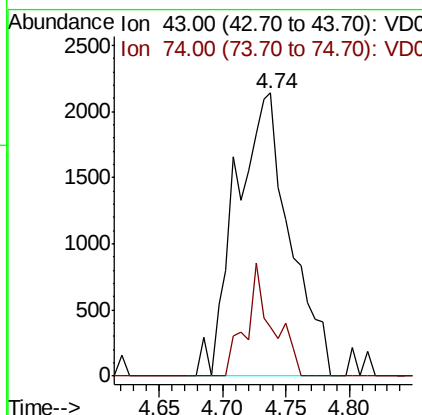
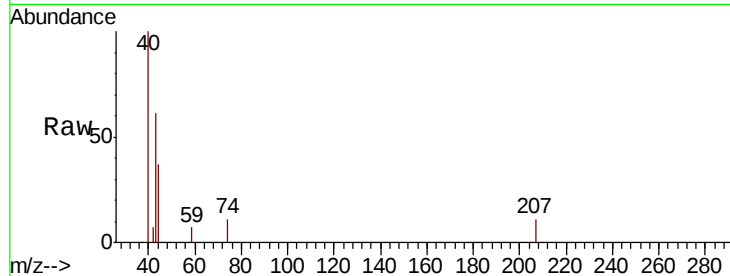




#18
Methyl Acetate
Concen: 4.424 ug/l
RT: 4.74 min Scan# 479
Delta R.T. 0.01 min
Lab File: VD065113.D
Acq: 07 Feb 2020 16:48

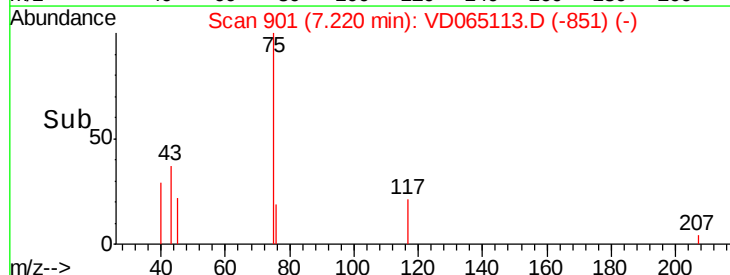
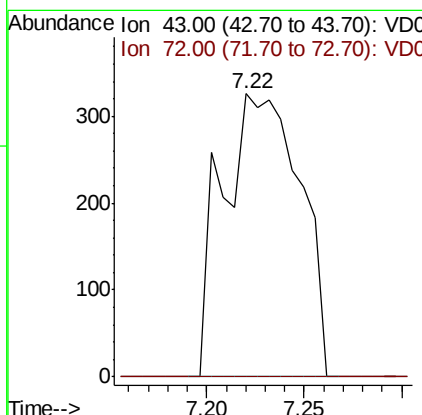
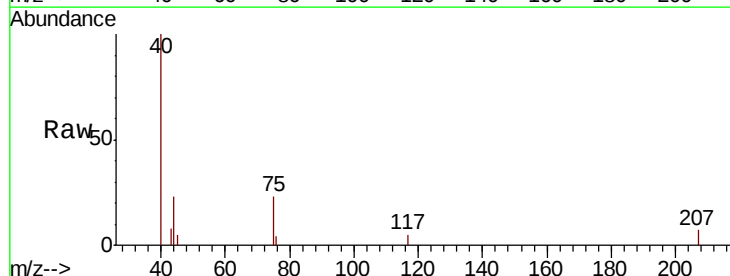
Instrument :
MSVOA_D
ClientSampled :

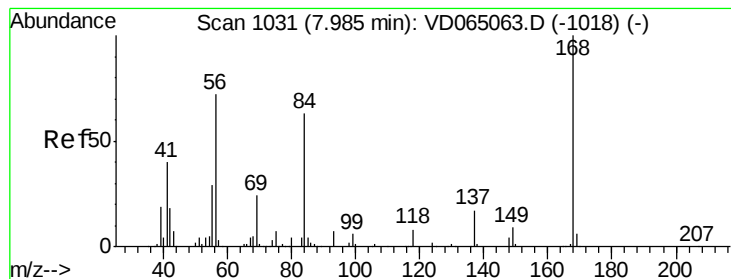
Tot Ion: 43 Resp: 6343
Ion Ratio Lower Upper
43 100
74 19.3 18.7 28.1



#25
2-Butanone
Concen: 1.099 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD065113.D
Acq: 07 Feb 2020 16:48

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#





#31

Cyclohexane

Concen: 1.294 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065113.D

Acq: 07 Feb 2020 16:48

Instrument :

MSVOA_D

ClientSampled :

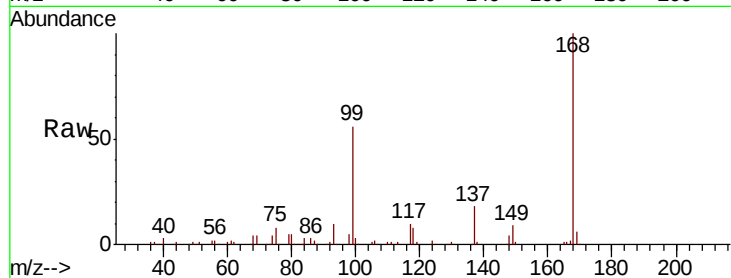
Tot Ion: 56 Resp: 7067

Ion Ratio Lower Upper

56 100

69 162.9 26.6 40.0#

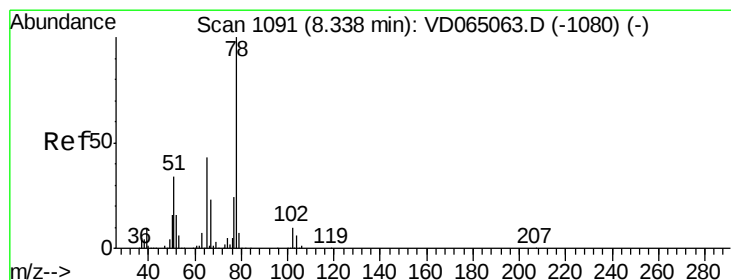
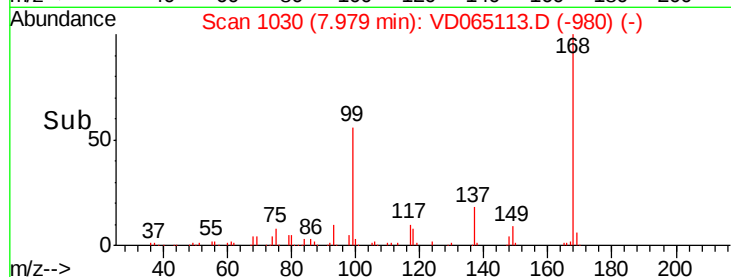
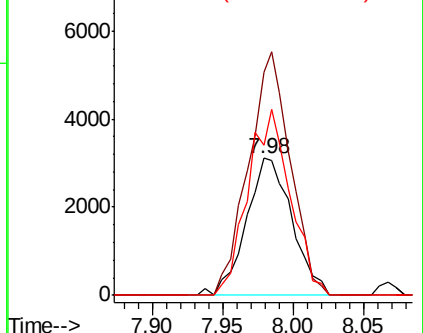
84 109.4 70.6 106.0#



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: 68.953 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065113.D

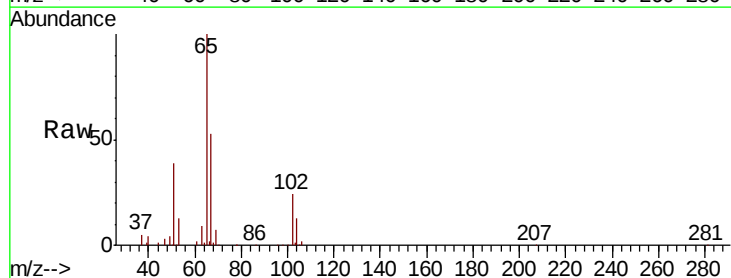
Acq: 07 Feb 2020 16:48

Tgt Ion: 65 Resp: 189278

Ion Ratio Lower Upper

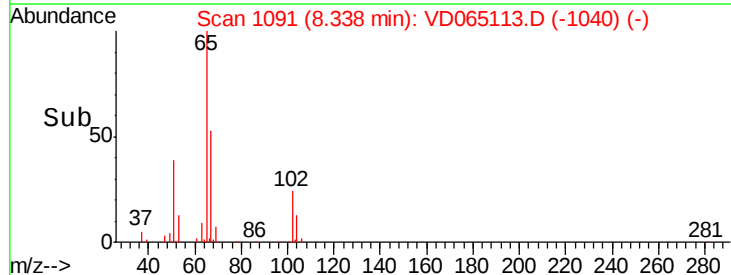
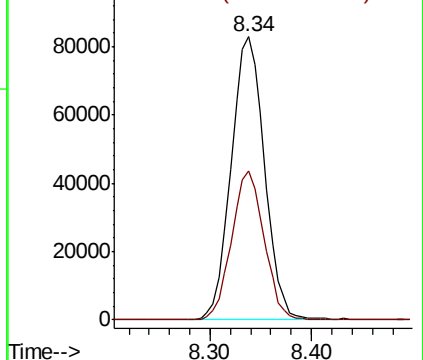
65 100

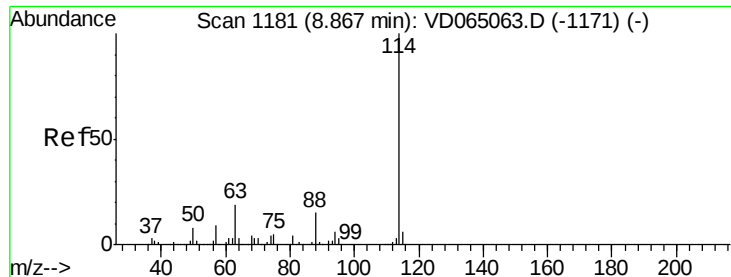
67 51.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

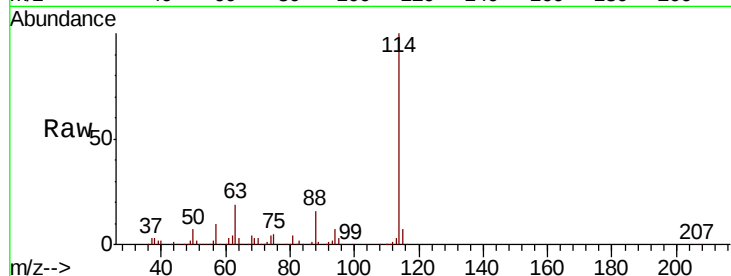




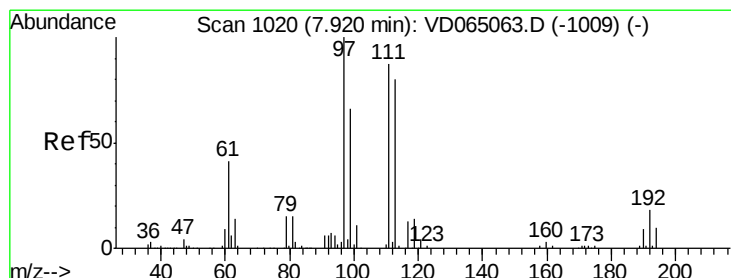
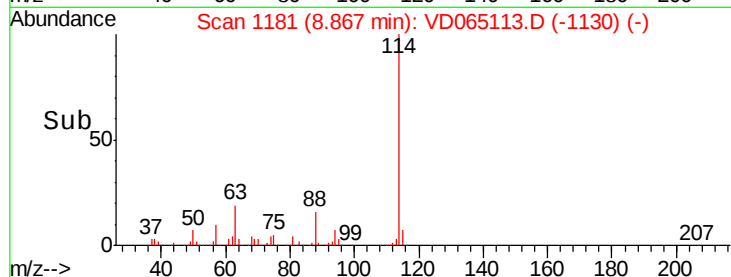
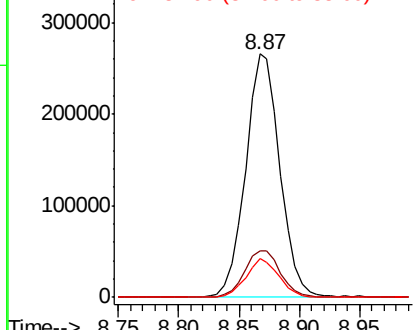
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065113.D
 Acq: 07 Feb 2020 16:48

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.8
88	16.0	0.0	29.6

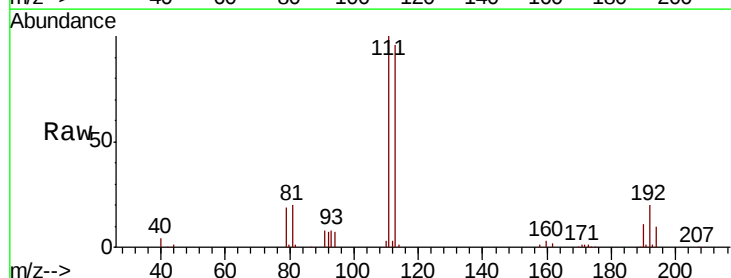


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

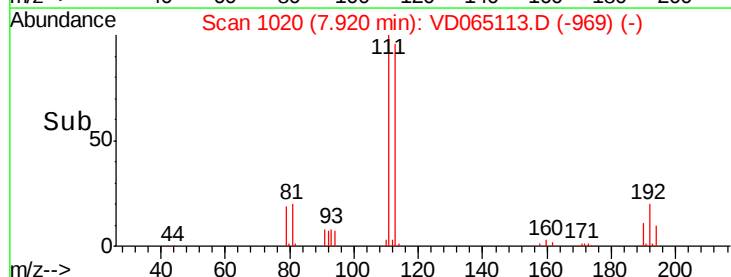
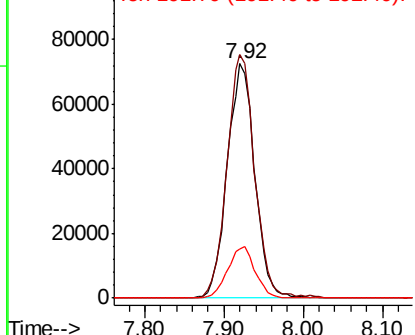


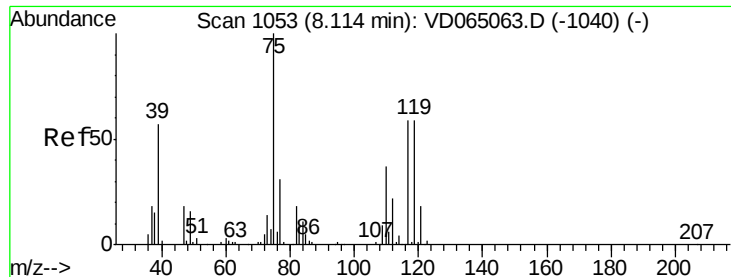
#35
 Dibromofluoromethane
 Concen: 59.543 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065113.D
 Acq: 07 Feb 2020 16:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	21.5	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

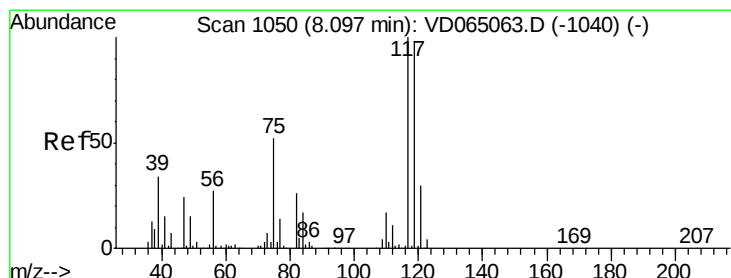
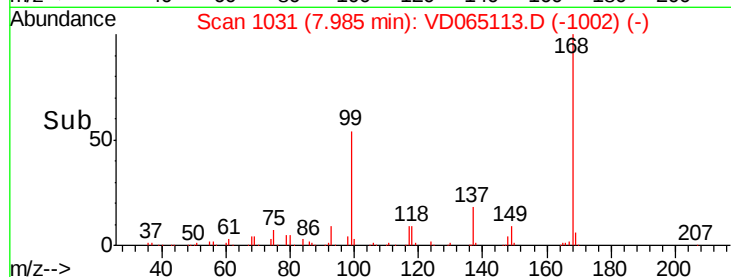
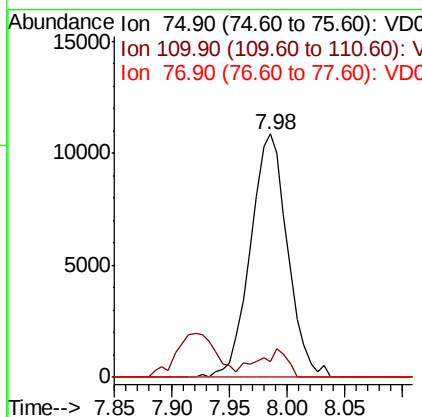
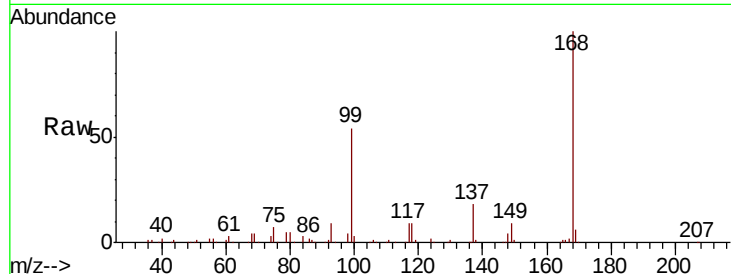




#36
 1,1-Dichloropropene
 Concen: 4.980 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065113.D
 Acq: 07 Feb 2020 16:48

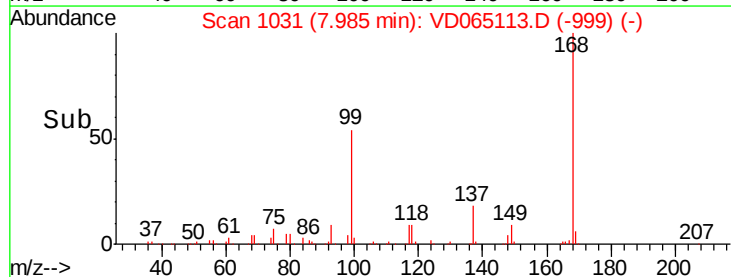
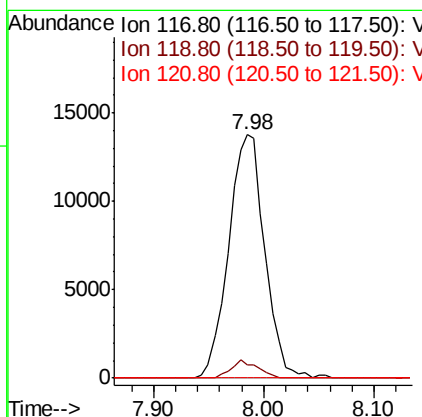
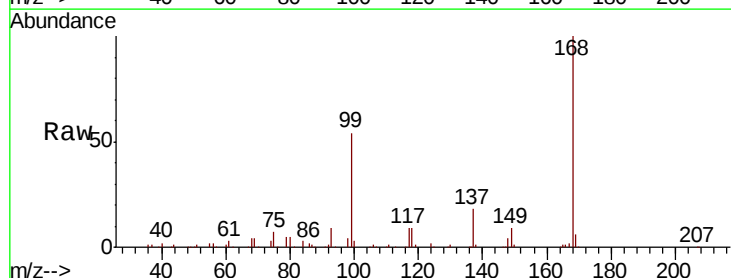
Instrument :
 MSVOA_D
 ClientSampleId :

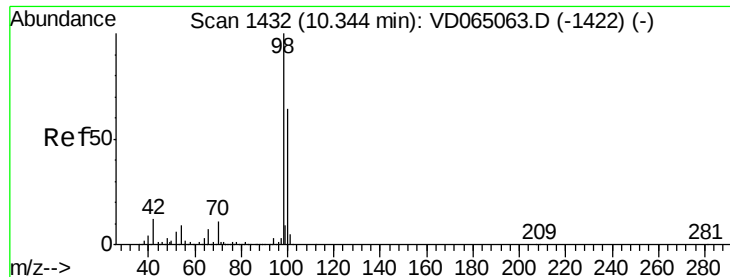
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.313 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065113.D
 Acq: 07 Feb 2020 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.5	117.7#
121	0.0	23.8	35.6#

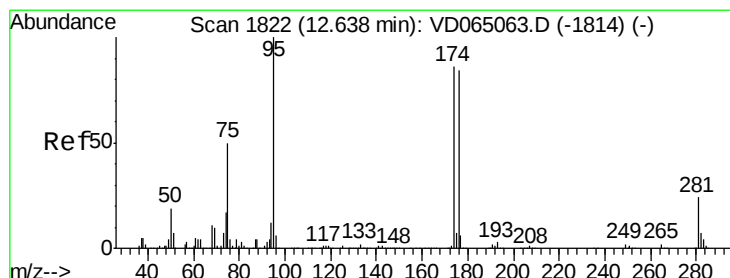
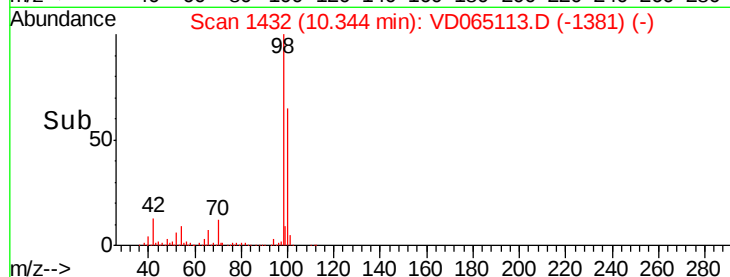
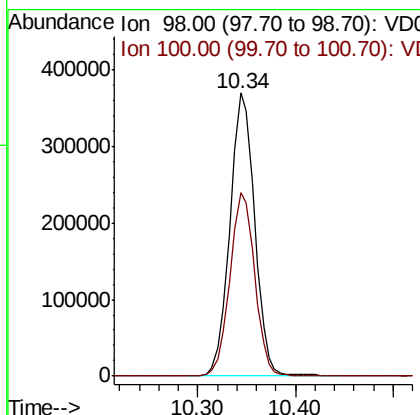
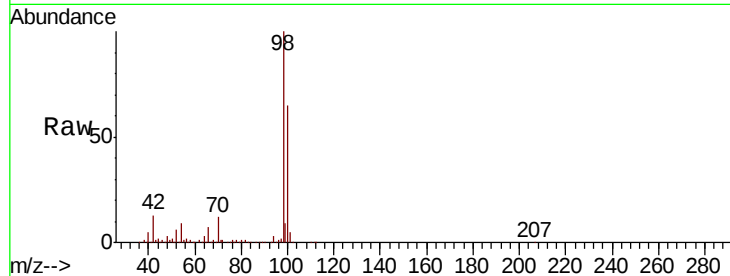




#50
Toluene-d8
Concen: 55.919 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065113.D
Acq: 07 Feb 2020 16:48

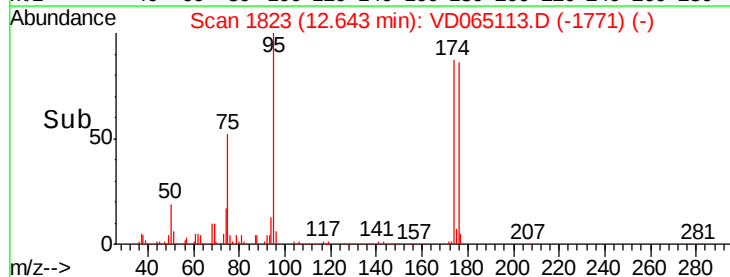
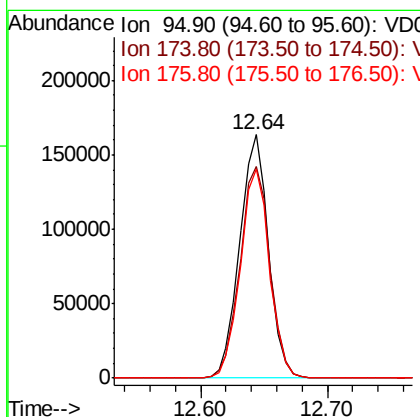
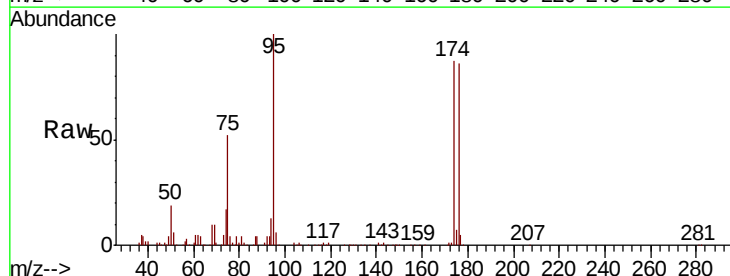
Instrument :
MSVOA_D
ClientSampleId :

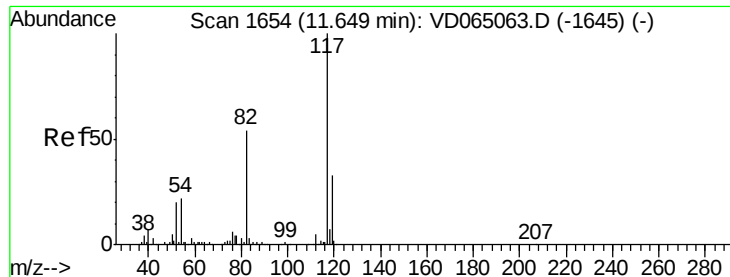
Tot Ion: 98 Resp: 652330
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 69.276 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065113.D
Acq: 07 Feb 2020 16:48

Tgt Ion: 95 Resp: 256069
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.0
176 87.3 0.0 173.2

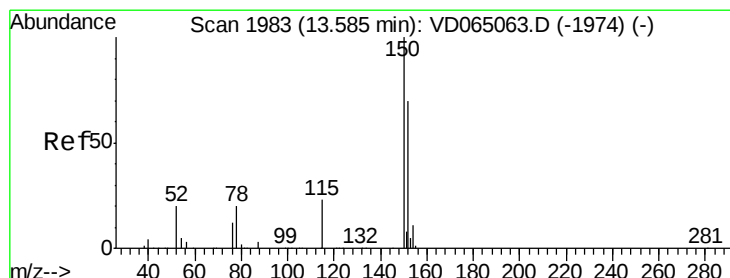
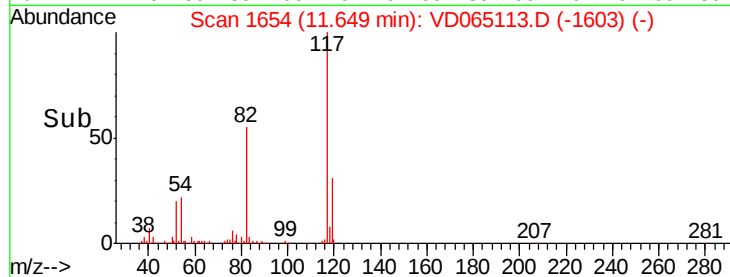
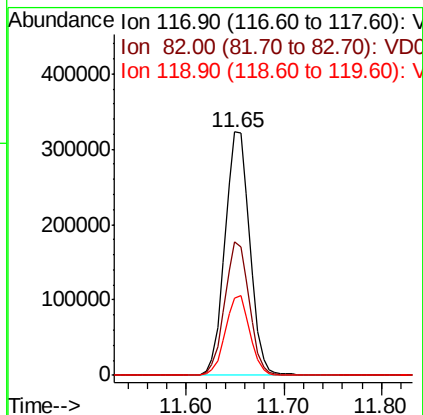
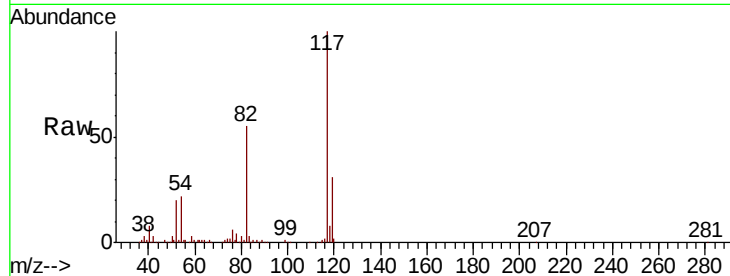




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065113.D
Acq: 07 Feb 2020 16:48

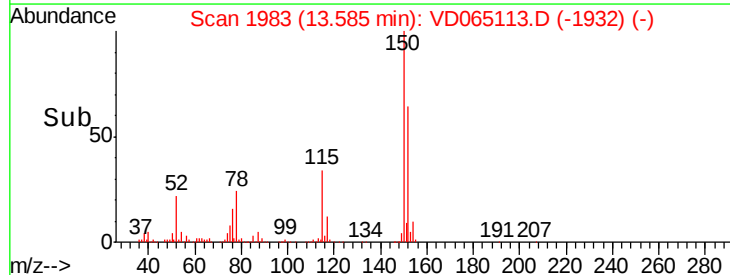
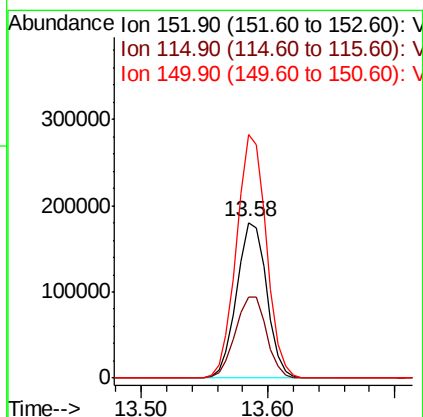
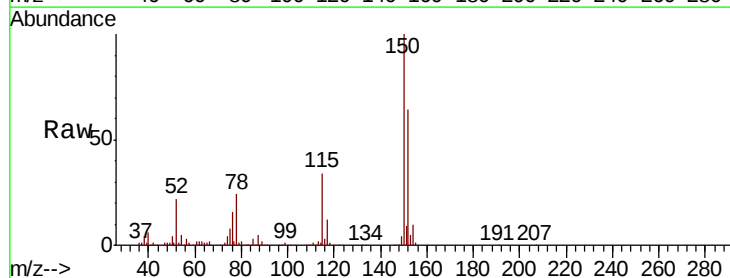
Instrument :
MSVOA_D
ClientSampleId :

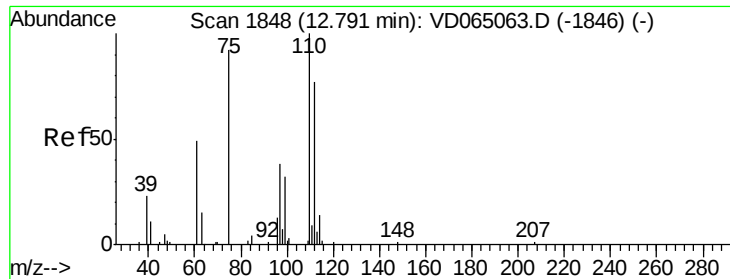
Tot Ion:117 Resp: 571193
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065113.D
Acq: 07 Feb 2020 16:48

Tgt Ion:152 Resp: 296346
Ion Ratio Lower Upper
152 100
115 54.3 27.5 82.4
150 155.4 0.0 343.2



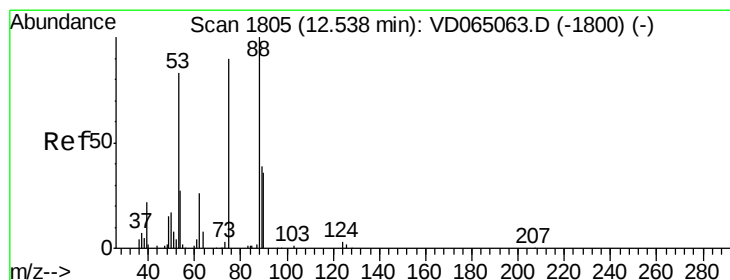
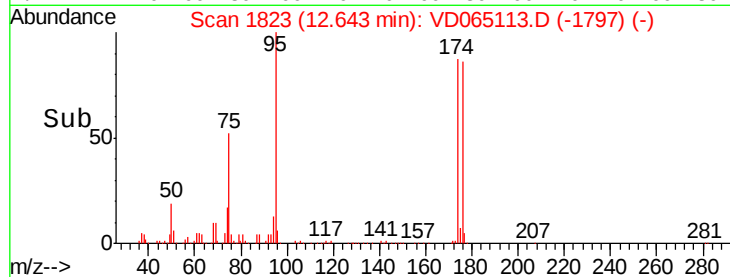
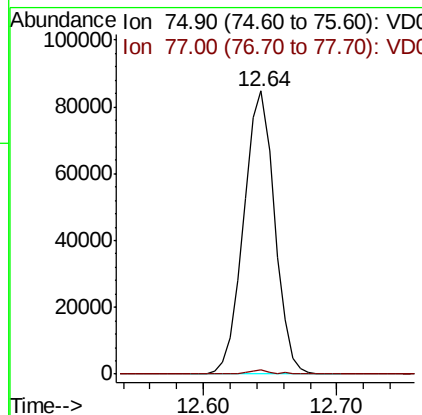
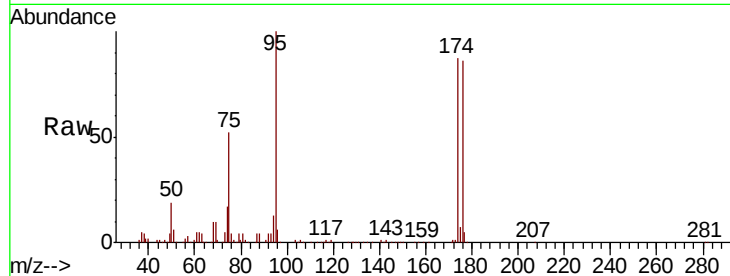


#76

1,2,3-Trichloropropane
Concen: 60.217 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065113.D
Acq: 07 Feb 2020 16:48

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 75 Resp: 135107
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 120.430 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.11 min
Lab File: VD065113.D
Acq: 07 Feb 2020 16:48

Tgt Ion: 75 Resp: 135107
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.0 55.4#

