

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065163.D
 Acq On : 12 Feb 2020 15:19
 Operator : VA/SY
 Sample : L1510-03
 Misc : 5.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 13 06:00:26 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

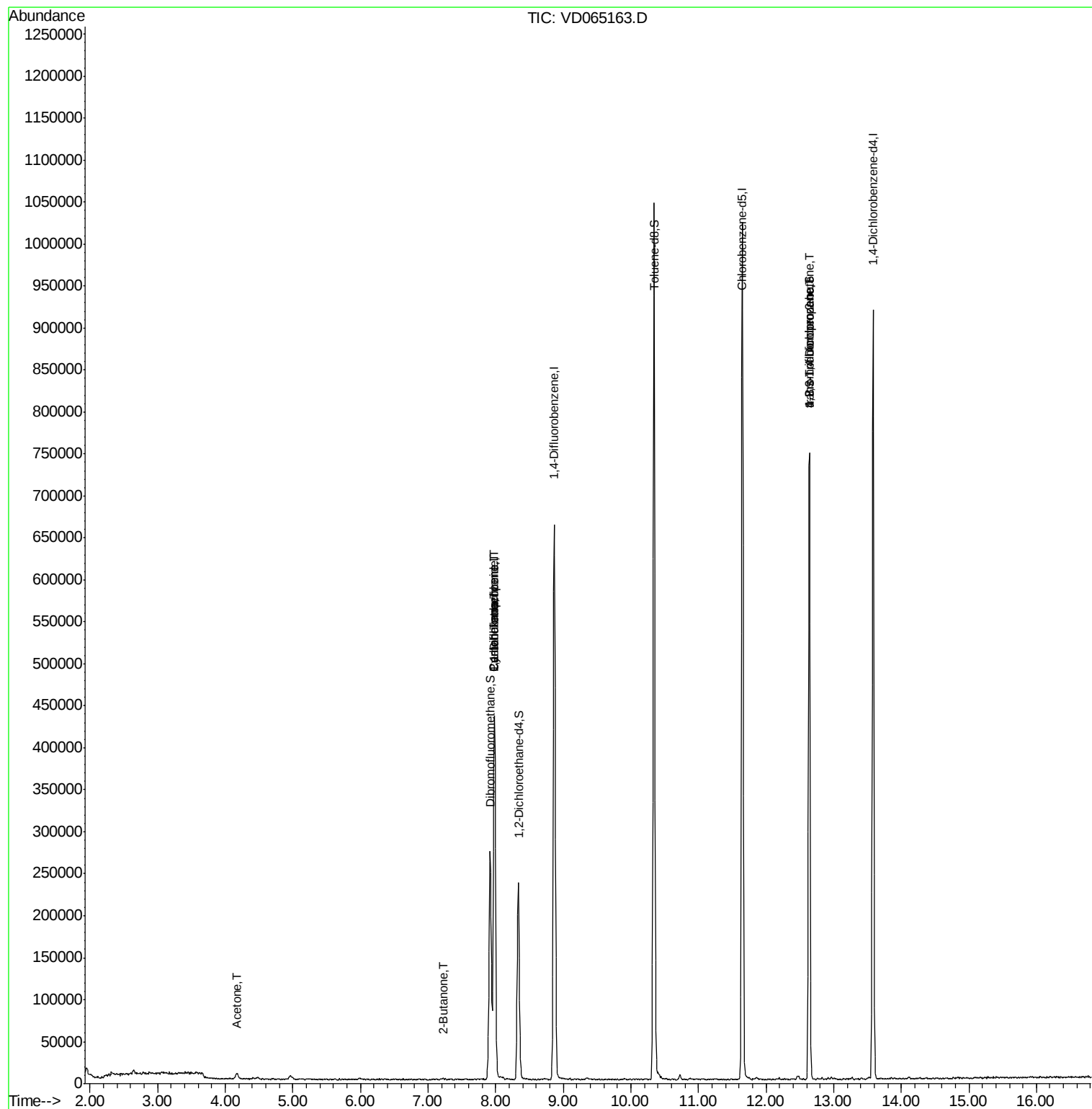
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	340841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	571205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	576621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	189914	65.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.12%	
35) Dibromofluoromethane	7.92	113	193726	60.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.58%	
50) Toluene-d8	10.34	98	692997	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
62) 4-Bromofluorobenzene	12.64	95	235094	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
Target Compounds						
16) Acetone	4.17	43	12339	17.037	ug/l	94
20) Methylene Chloride	4.96	84	1482	Below Cal	#	84
25) 2-Butanone	7.23	43	925	1.071	ug/l #	50
31) Cyclohexane	7.97	56	8348	1.449	ug/l #	27
36) 1,1-Dichloropropene	7.98	75	25994	4.894	ug/l #	49
38) Carbon Tetrachloride	7.98	117	32979	6.079	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	122185	66.397	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	122185	132.788	ug/l #	10

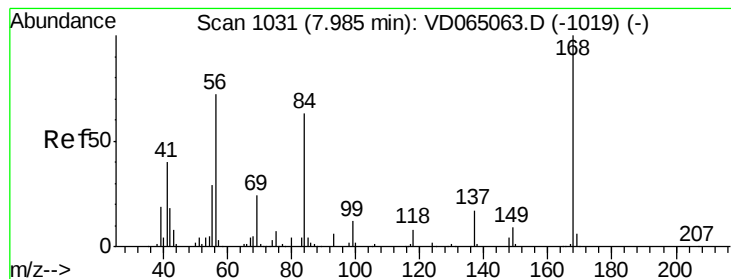
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021220\
Data File : VD065163.D
Acq On : 12 Feb 2020 15:19
Operator : VA/SY
Sample : L1510-03
Misc : 5.51G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 13 06:00:26 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: VD065163.D

Acq: 12 Feb 2020 15:19

Instrument :

MSVOA_D

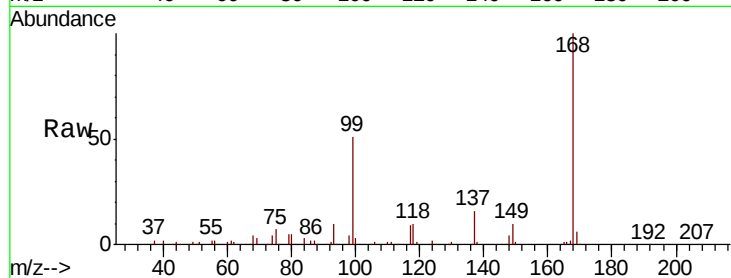
ClientSampleId :

Tot Ion:168 Resp: 340841

Ion Ratio Lower Upper

168 100

99 51.2 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

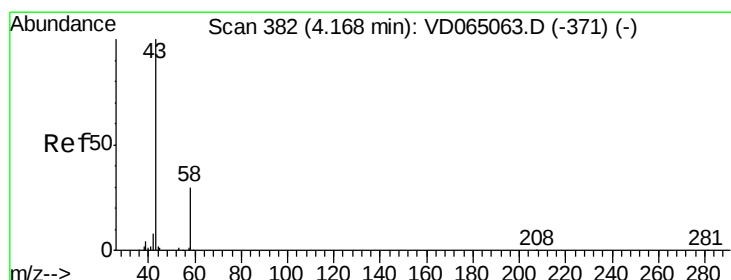
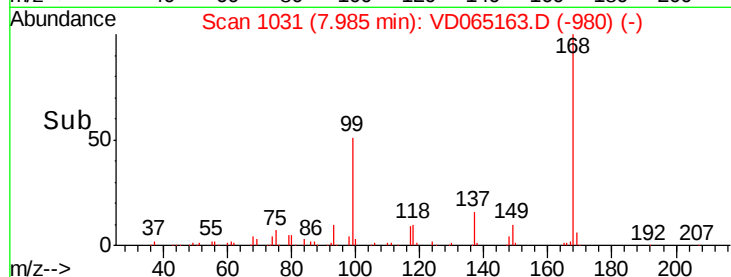
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 17.037 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065163.D

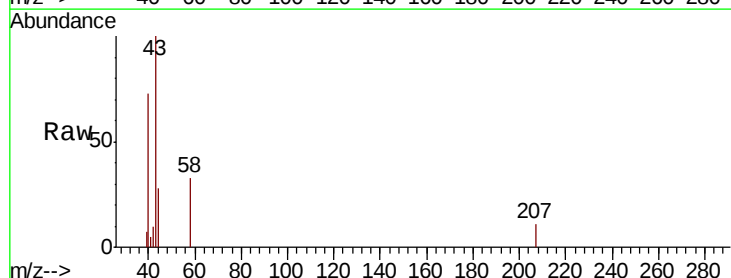
Acq: 12 Feb 2020 15:19

Tgt Ion: 43 Resp: 12339

Ion Ratio Lower Upper

43 100

58 32.5 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

5000

4000

3000

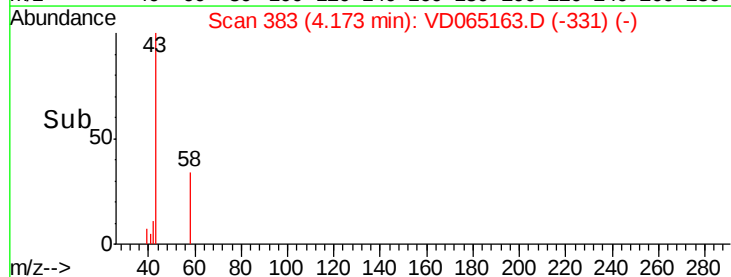
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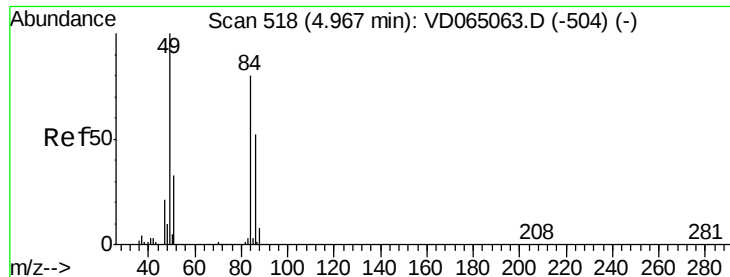
1000

0

4.10 4.20 4.30

Time-->

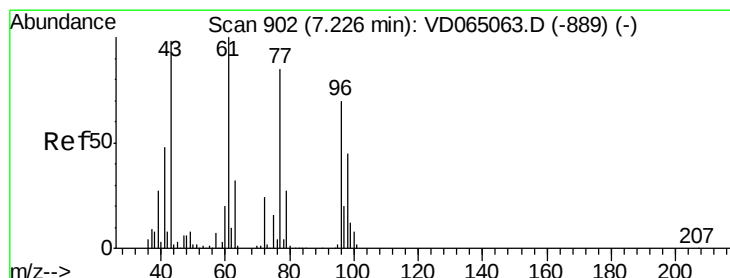
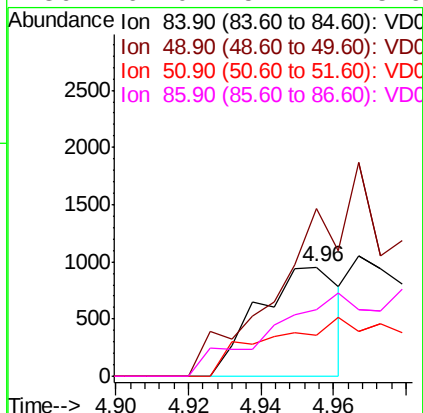
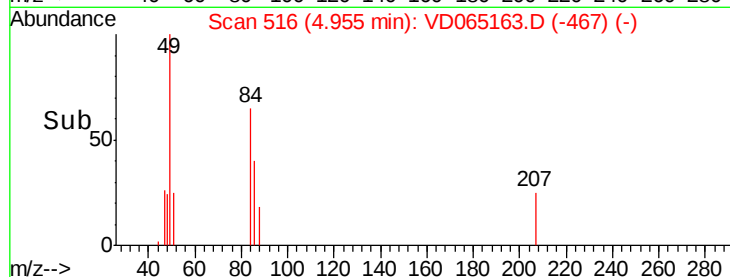
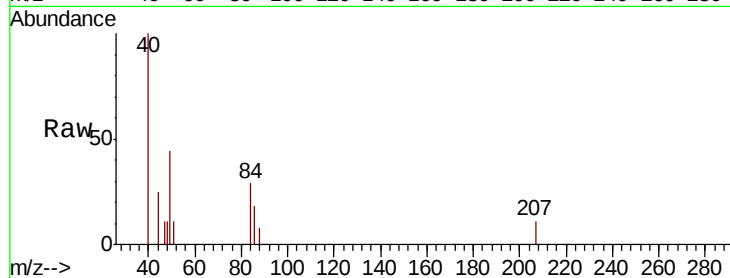




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065163.D
Acq: 12 Feb 2020 15:19

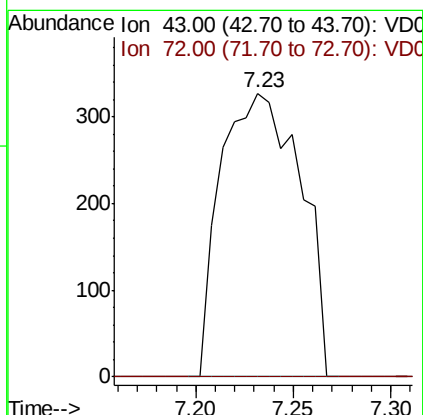
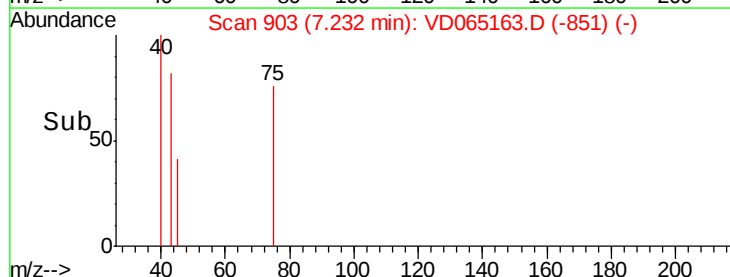
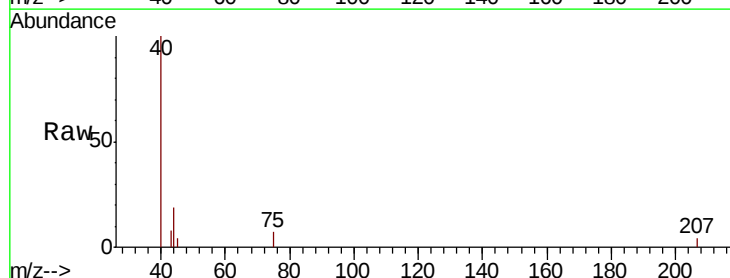
Instrument :
MSVOA_D
ClientSampleId :

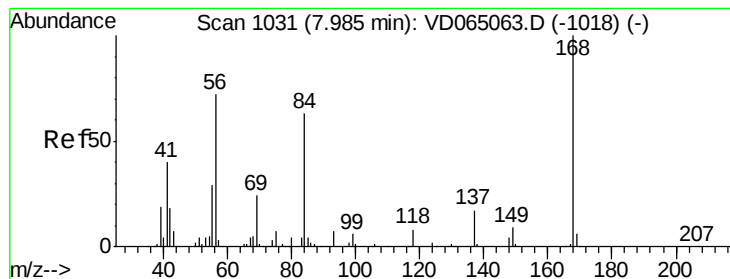
Tot Ion: 84 Resp: 1482
Ion Ratio Lower Upper
84 100
49 154.0 100.4 150.6#
51 37.8 32.7 49.1
86 61.0 52.4 78.6



#25
2-Butanone
Concen: 1.071 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD065163.D
Acq: 12 Feb 2020 15:19

Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#





#31

Cyclohexane

Concen: 1.449 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

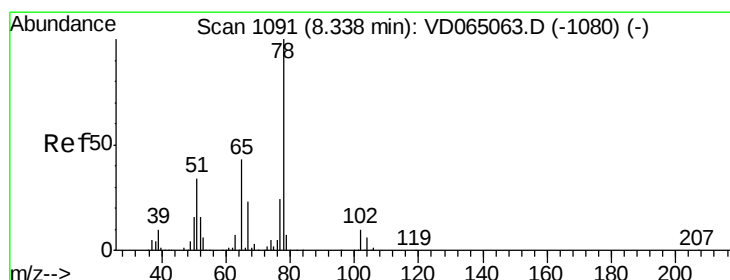
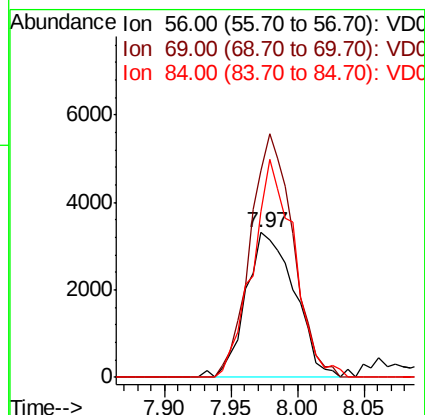
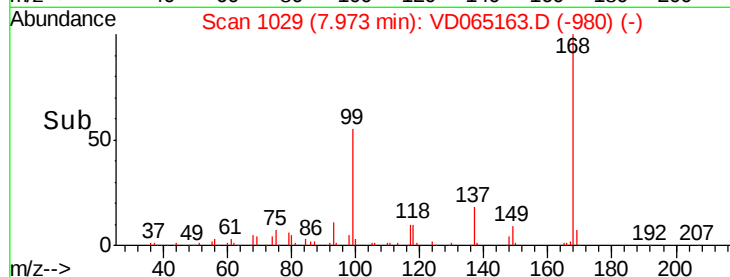
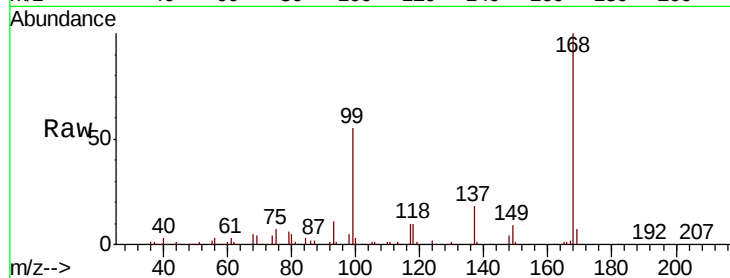
Tot Ion: 56 Resp: 8348

Ion Ratio Lower Upper

56 100

69 142.9 26.6 40.0#

84 114.5 70.6 106.0#



#33

1,2-Dichloroethane-d4

Concen: 65.559 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065163.D

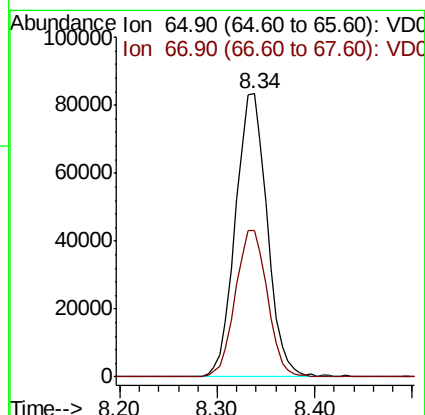
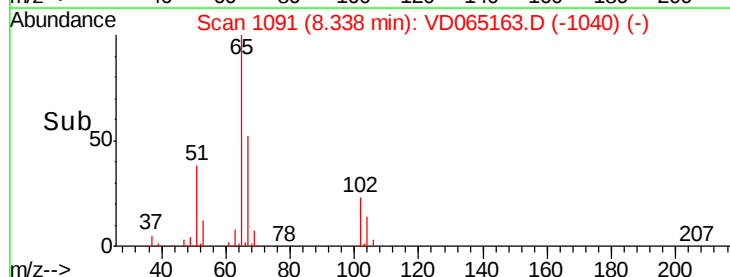
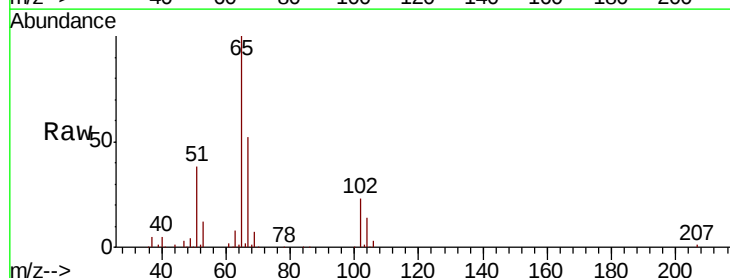
Acq: 12 Feb 2020 15:19

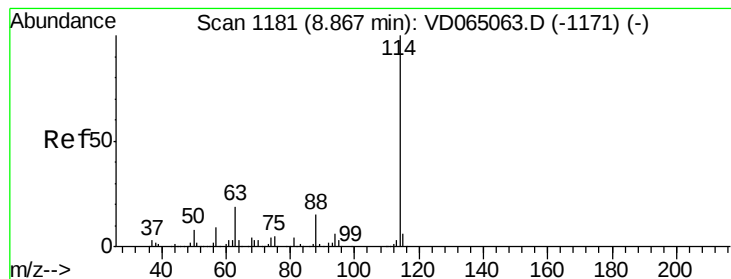
Tgt Ion: 65 Resp: 189914

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

Instrument :

MSVOA_D

ClientSampleId :

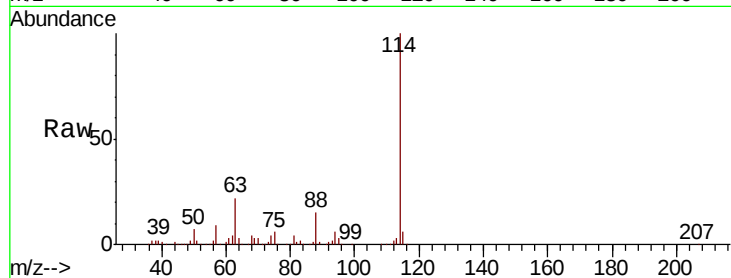
Tot Ion:114 Resp: 571205

Ion Ratio Lower Upper

114 100

63 21.6 0.0 38.8

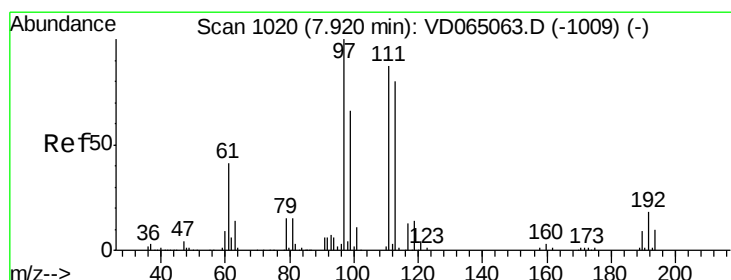
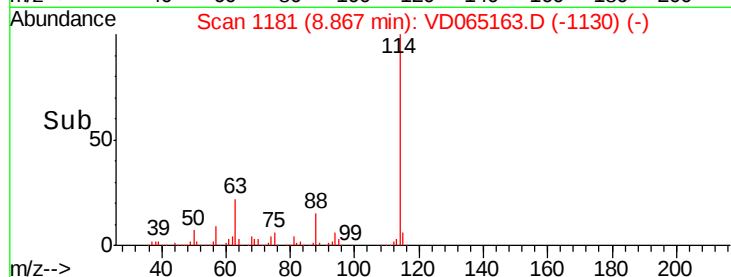
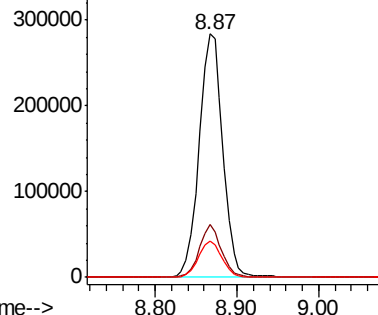
88 15.1 0.0 29.6



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: 60.787 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

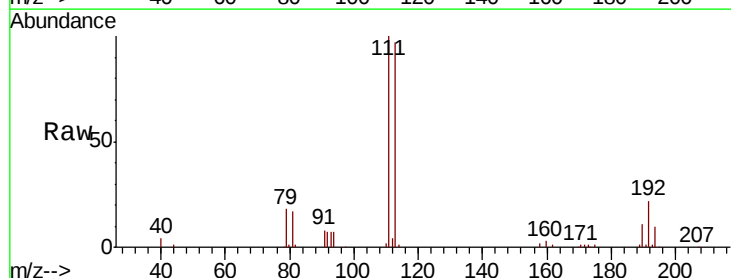
Tgt Ion:113 Resp: 193726

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

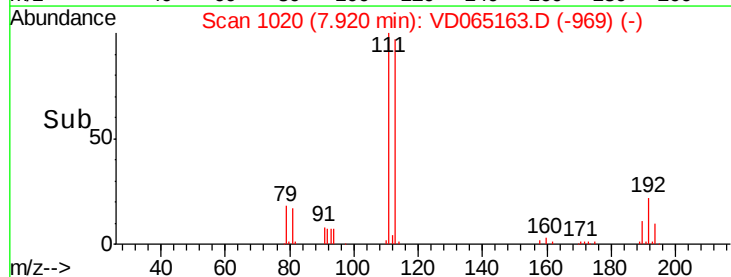
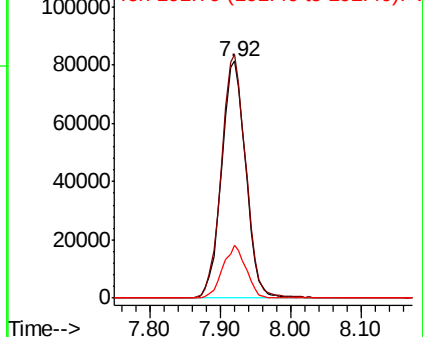
192 21.4 18.1 27.1

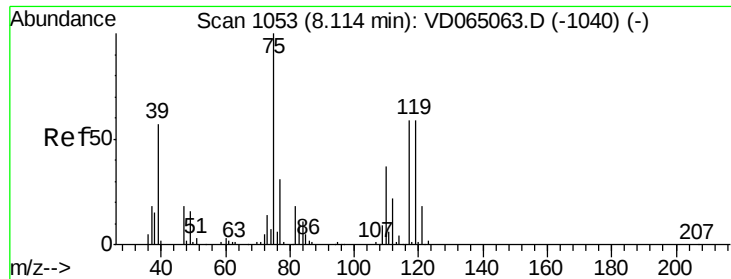


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

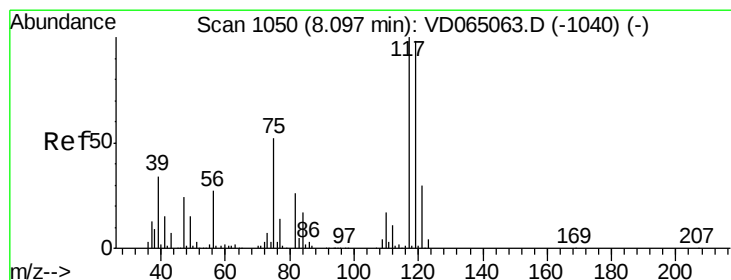
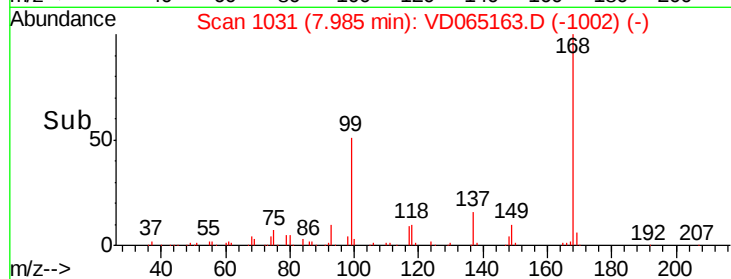
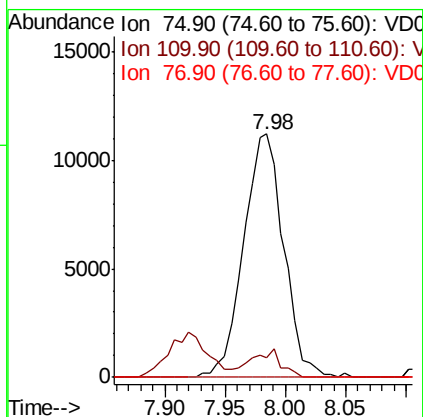
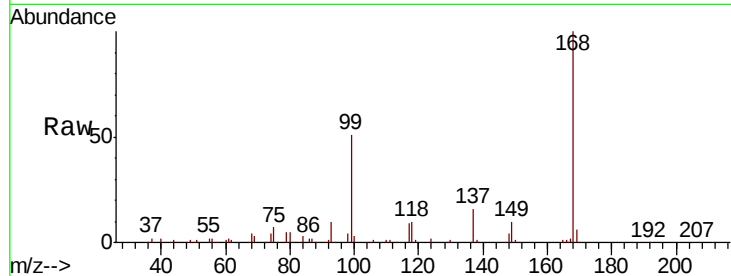




#36
 1,1-Dichloropropene
 Concen: 4.894 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065163.D
 Acq: 12 Feb 2020 15:19

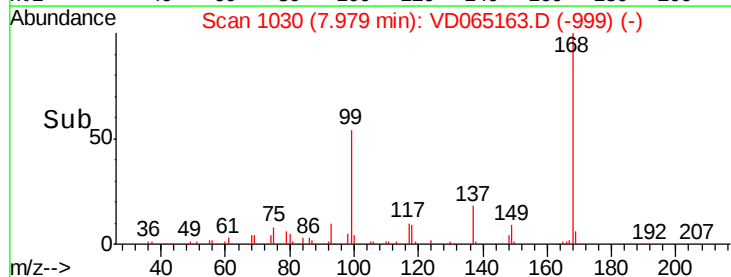
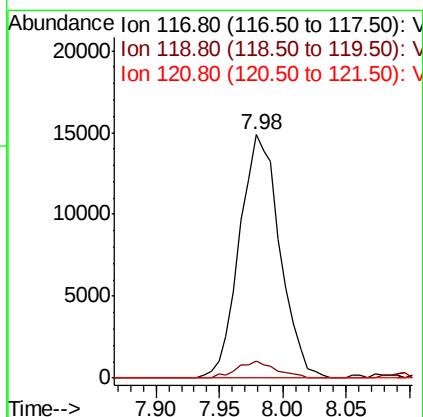
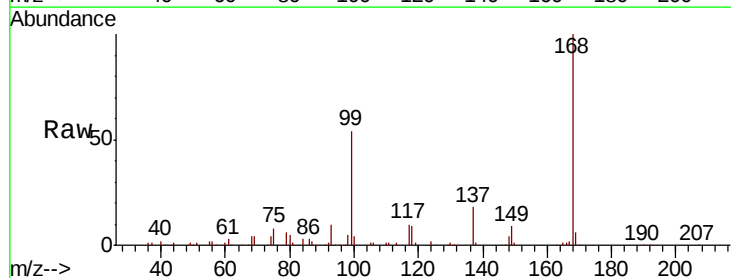
Instrument :
 MSVOA_D
 ClientSampleID :

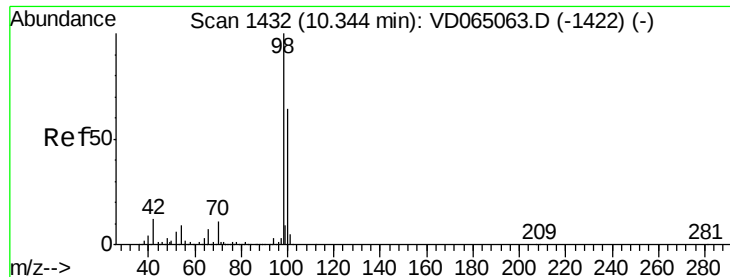
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.079 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065163.D
 Acq: 12 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.1	78.5	117.7#
121	0.0	23.8	35.6#

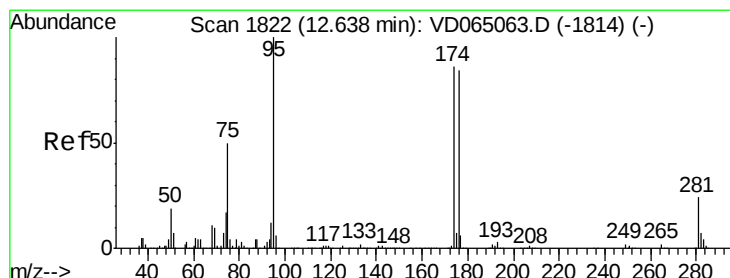
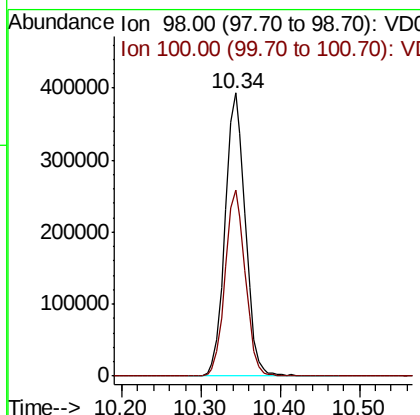
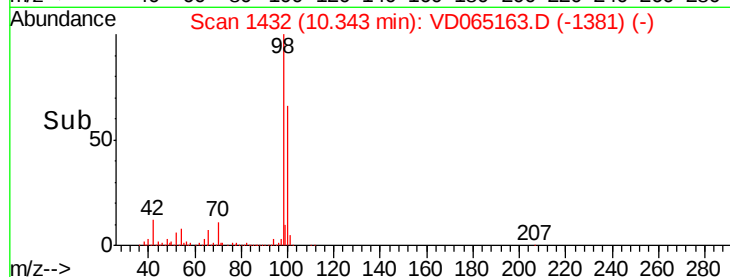
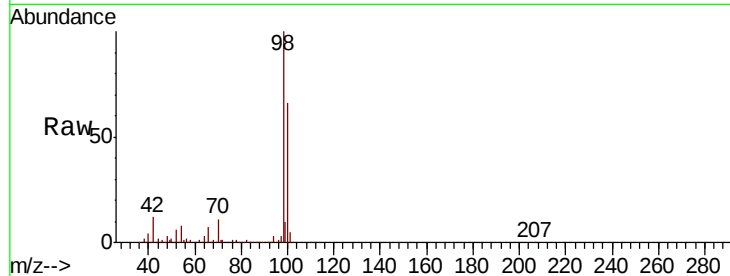




#50
Toluene-d8
Concen: 54.631 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065163.D
Acq: 12 Feb 2020 15:19

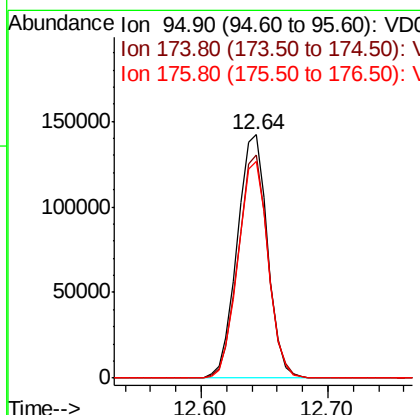
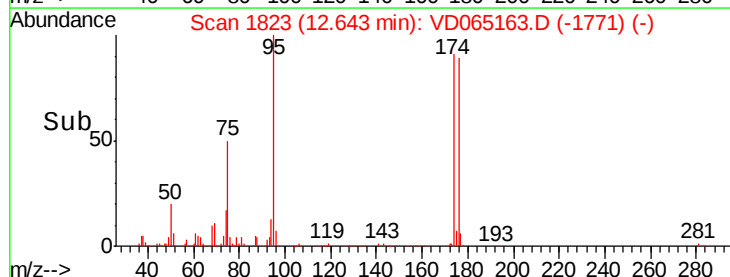
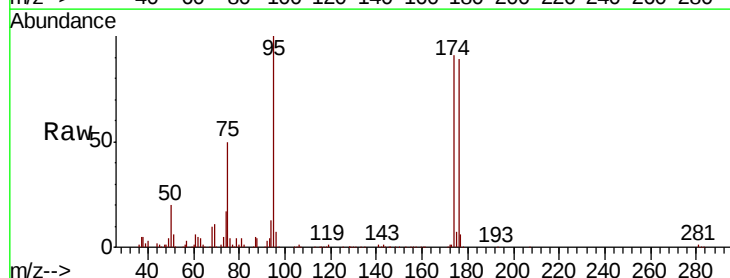
Instrument :
MSVOA_D
ClientSampleId :

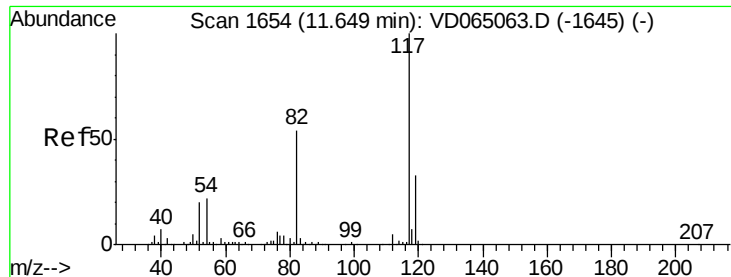
Tot Ion: 98 Resp: 692997
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 58.489 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065163.D
Acq: 12 Feb 2020 15:19

Tgt Ion: 95 Resp: 235094
Ion Ratio Lower Upper
95 100
174 90.4 0.0 180.0
176 88.6 0.0 173.2

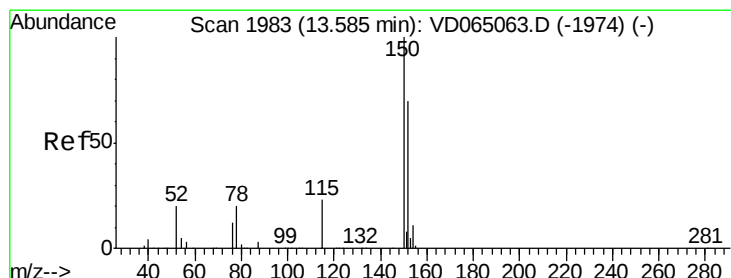
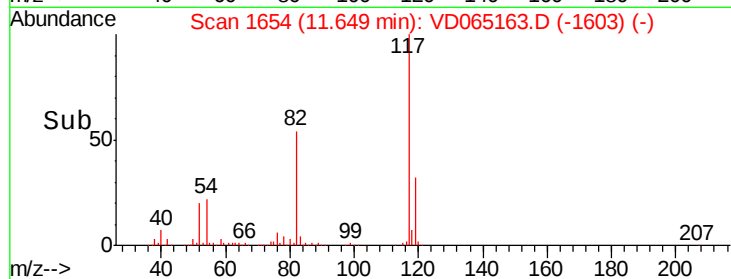
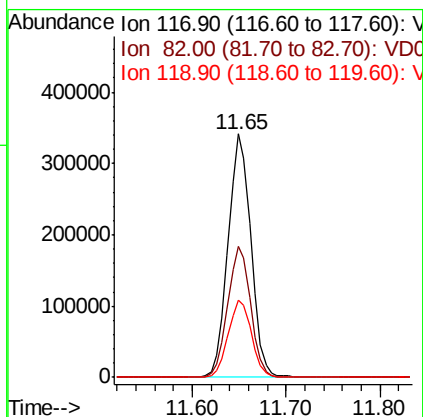
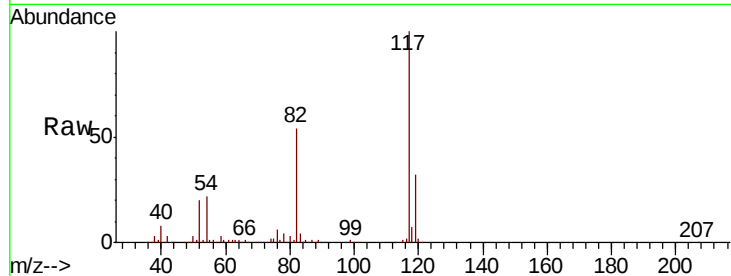




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065163.D
Acq: 12 Feb 2020 15:19

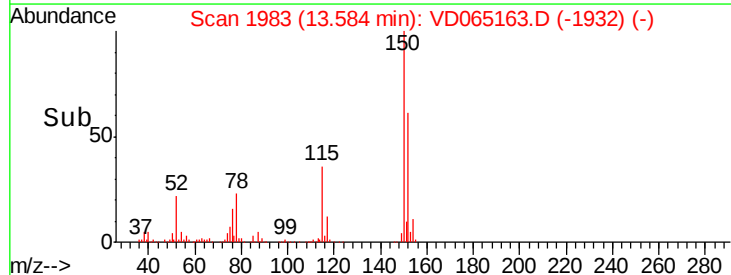
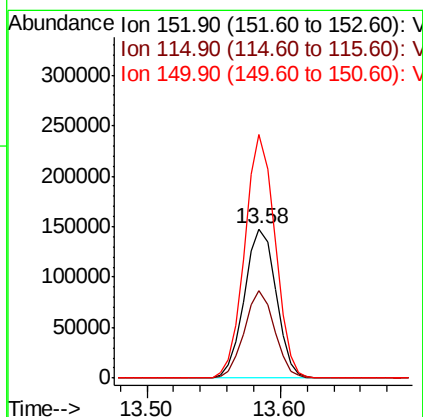
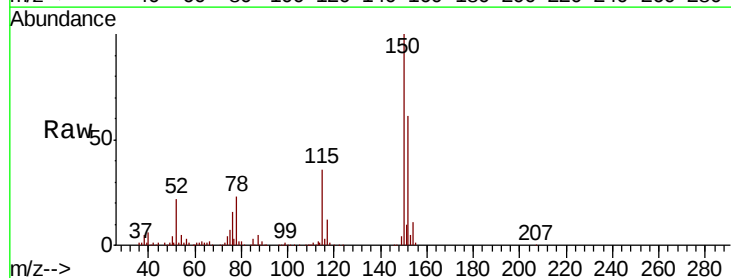
Instrument :
MSVOA_D
ClientSampleId :

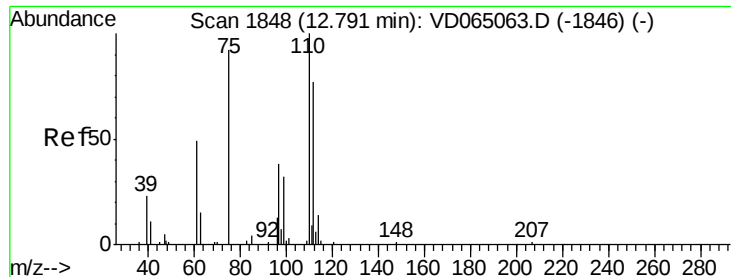
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.1	64.7
119	31.5	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065163.D
Acq: 12 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.5	82.4
150	155.9	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 66.397 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

Instrument :

MSVOA_D

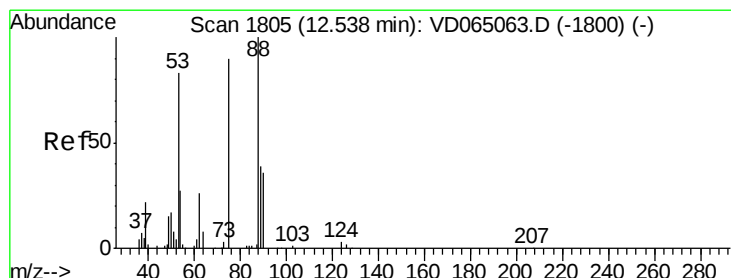
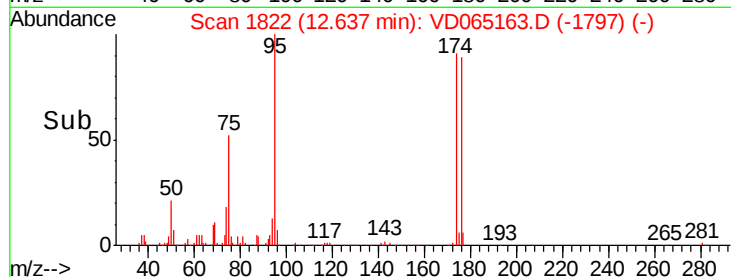
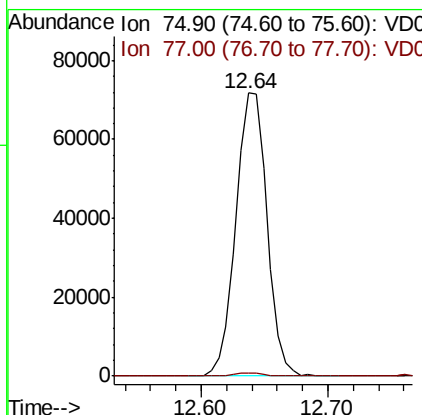
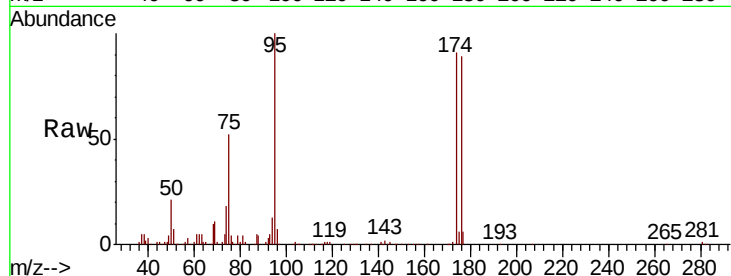
ClientSampleId :

Tot Ion: 75 Resp: 122185

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.788 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065163.D

Acq: 12 Feb 2020 15:19

Tgt Ion: 75 Resp: 122185

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 37.0 55.4#

