

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065083.D
 Acq On : 06 Feb 2020 13:30
 Operator : VA/SY
 Sample : L1409-01
 Misc : 7.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 07 06:08:44 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

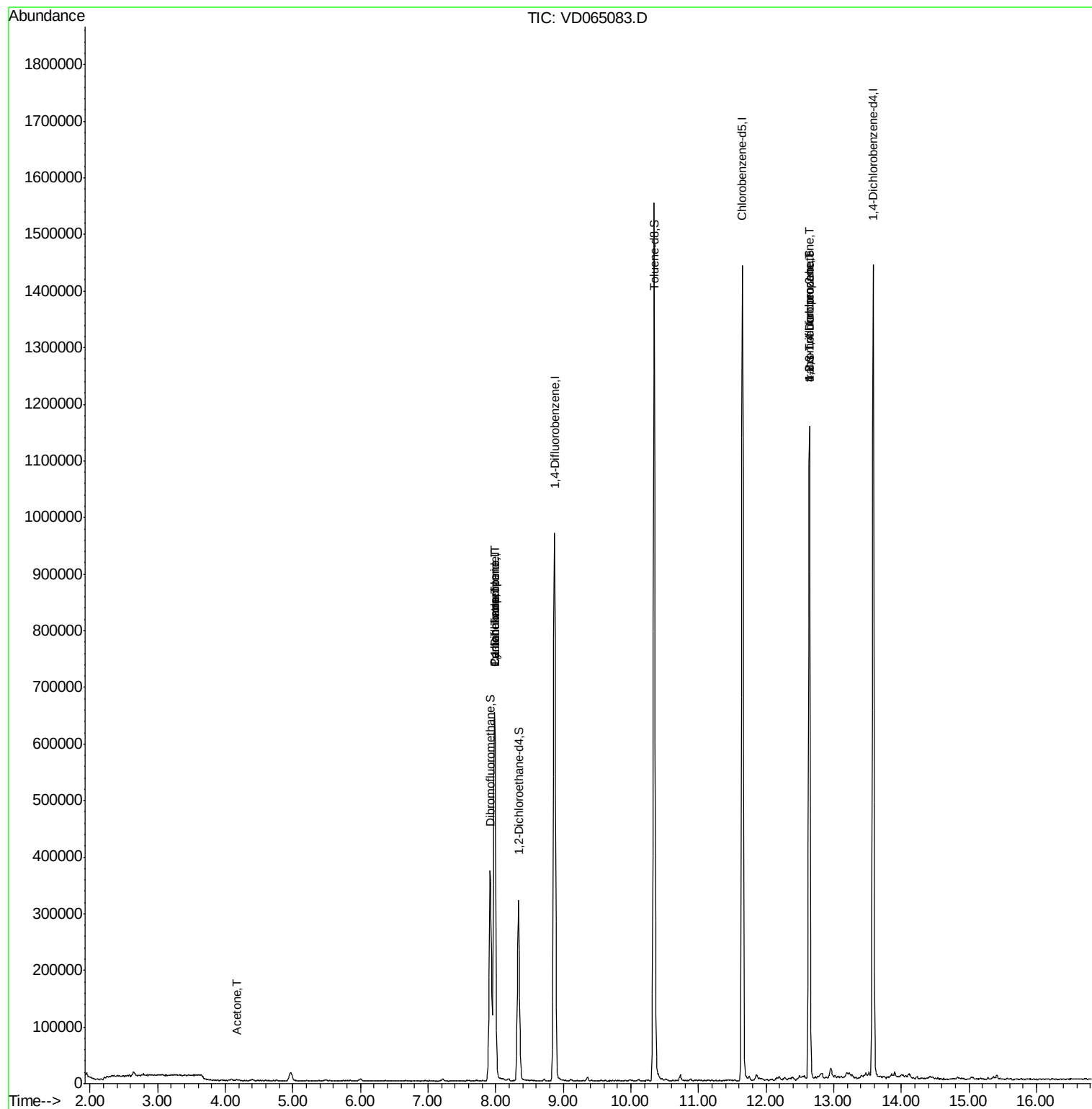
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	511635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	845945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	841311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	381384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	250980	57.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.44%	
35) Dibromofluoromethane	7.92	113	263794	55.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.78%	
50) Toluene-d8	10.34	98	1032521	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.64	95	362709	60.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.86%	
Target Compounds						
16) Acetone	4.17	43	3906	3.593	ug/l	99
20) Methylene Chloride	4.97	84	10764	Below Cal		93
31) Cyclohexane	7.98	56	12442	1.438	ug/l #	27
36) 1,1-Dichloropropene	7.98	75	37559	4.775	ug/l #	49
38) Carbon Tetrachloride	7.98	117	49437	6.154	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.96	63	74	Below Cal	#	46
76) 1,2,3-Trichloropropane	12.64	75	193132	66.886	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	193132	133.767	ug/l #	10

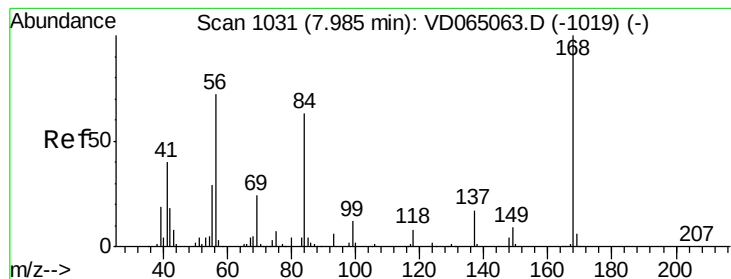
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065083.D

Acq: 06 Feb 2020 13:30

Instrument :

MSVOA_D

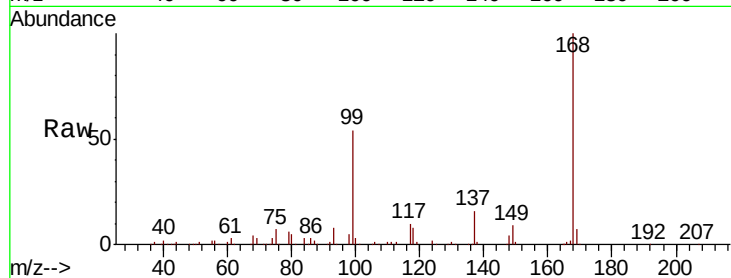
ClientSampleId :

Tot Ion:168 Resp: 511635

Ion Ratio Lower Upper

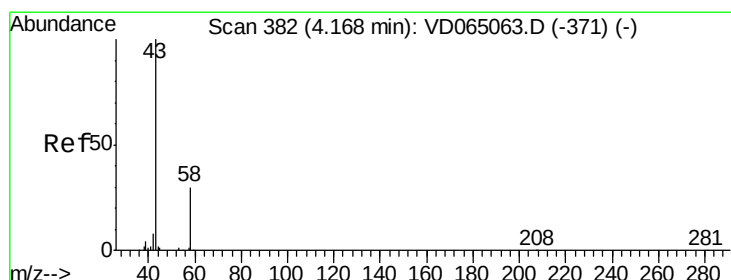
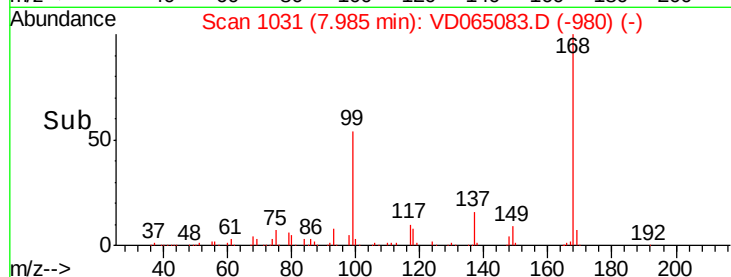
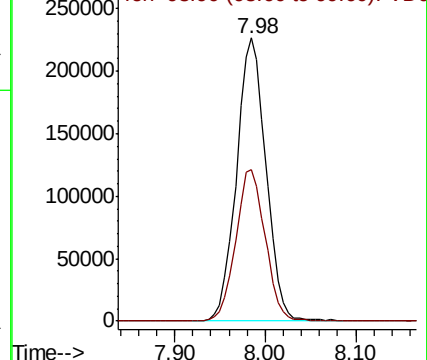
168 100

99 53.6 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: 3.593 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065083.D

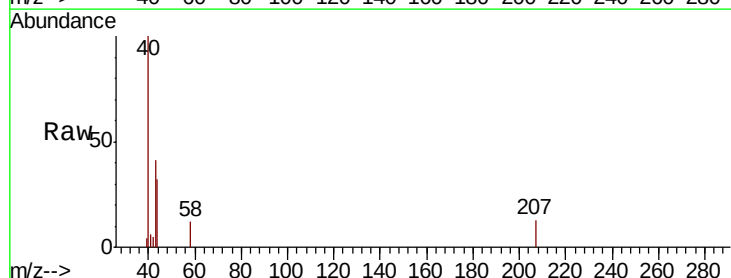
Acq: 06 Feb 2020 13:30

Tgt Ion: 43 Resp: 3906

Ion Ratio Lower Upper

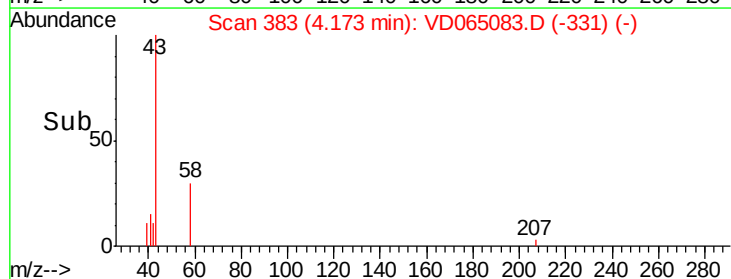
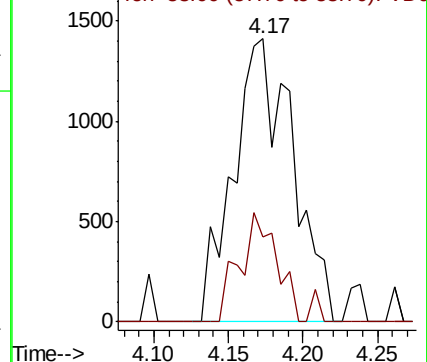
43 100

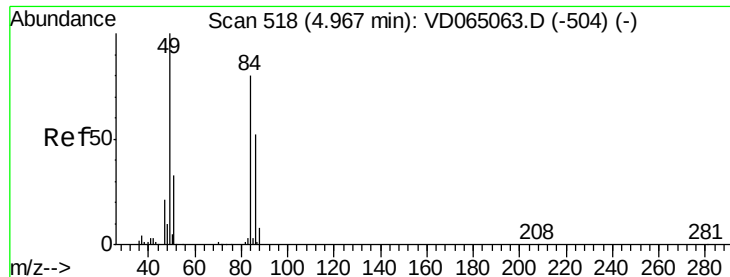
58 29.8 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

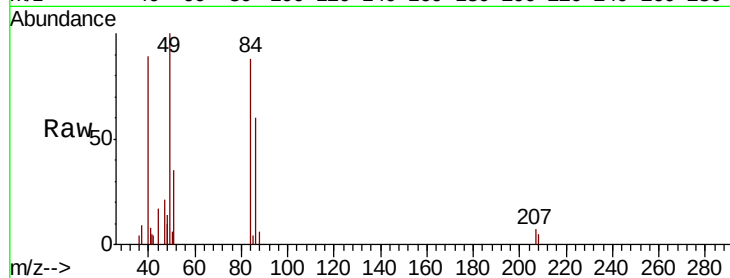




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065083.D
Acq: 06 Feb 2020 13:30

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 10764
Ion Ratio Lower Upper
84 100
49 113.2 100.4 150.6
51 39.2 32.7 49.1
86 67.4 52.4 78.6



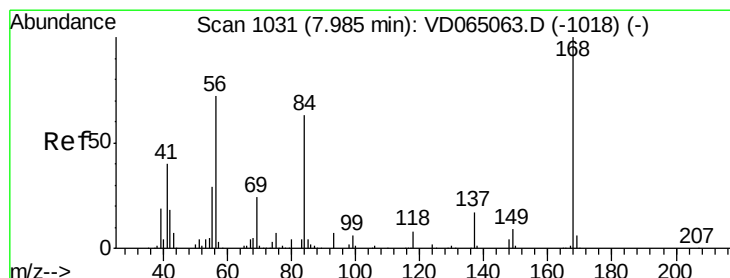
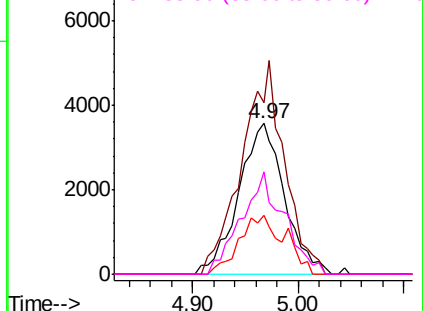
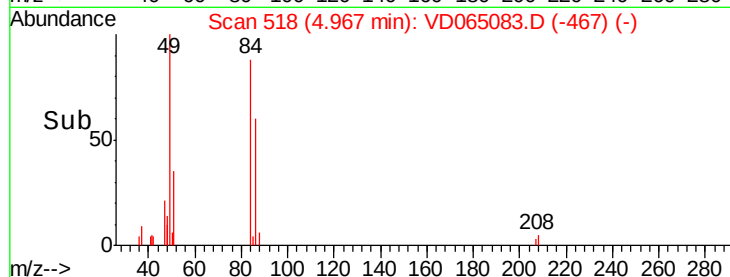
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

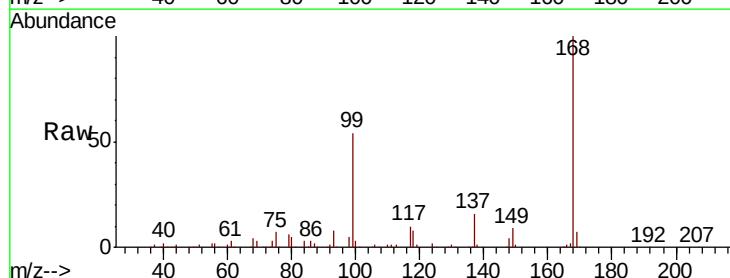
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31
Cyclohexane
Concen: 1.438 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065083.D
Acq: 06 Feb 2020 13:30

Tgt Ion: 56 Resp: 12442
Ion Ratio Lower Upper
56 100
69 147.8 26.6 40.0#
84 111.1 70.6 106.0#

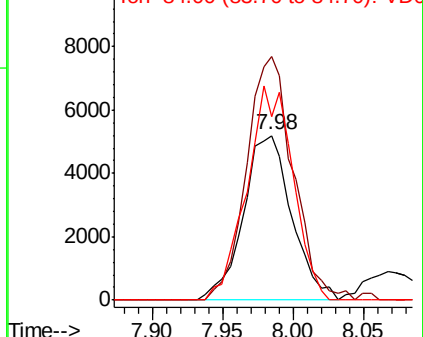
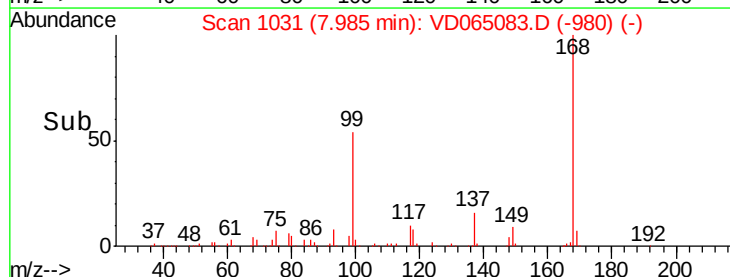


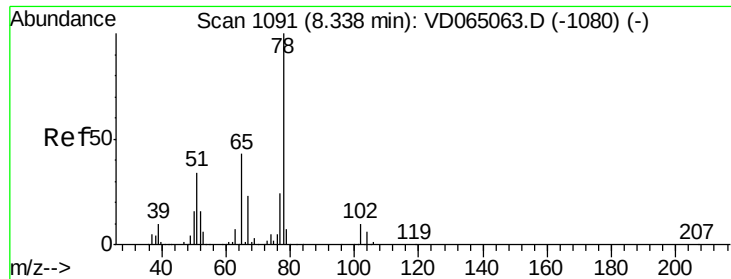
Abundance

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

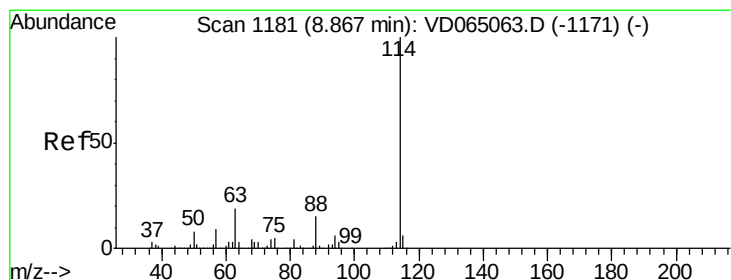
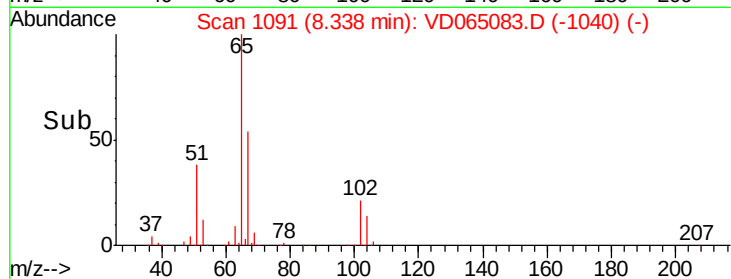
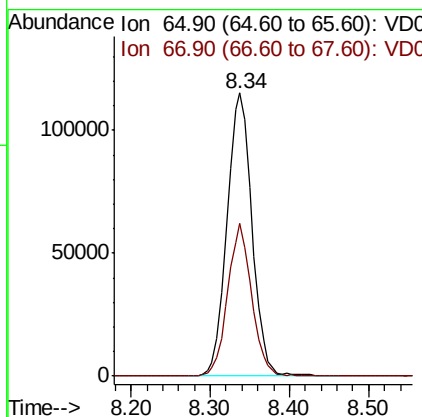
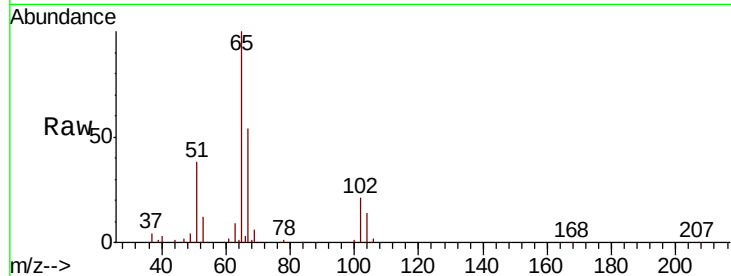




#33
 1,2-Dichloroethane-d4
 Concen: 57.717 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065083.D
 Acq: 06 Feb 2020 13:30

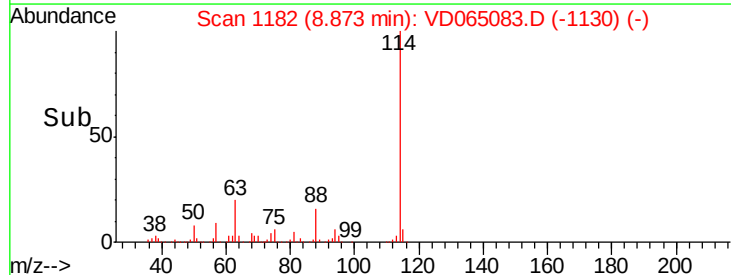
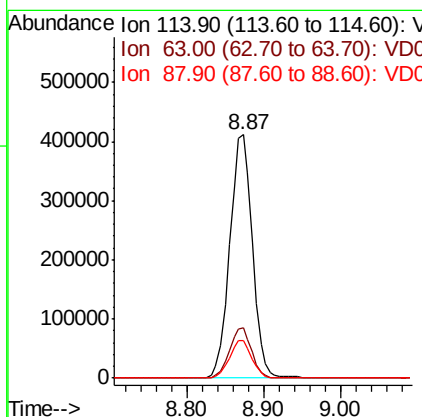
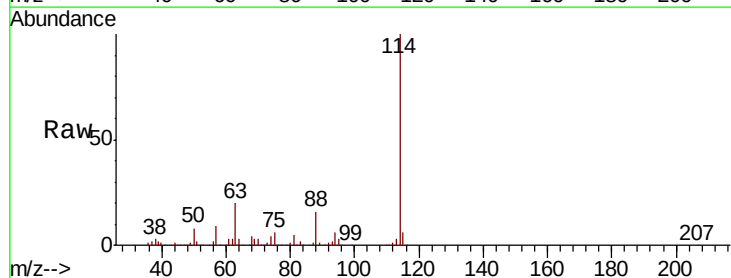
Instrument :
 MSVOA_D
 ClientSampled :

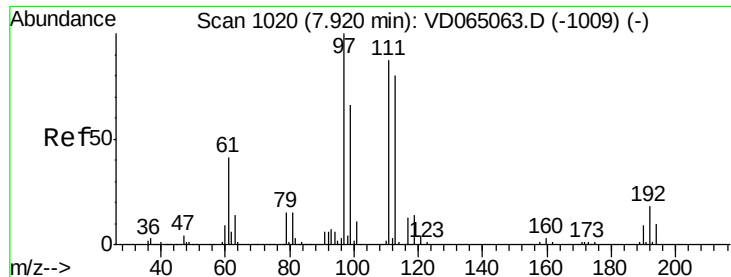
Tot Ion: 65 Resp: 250980
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065083.D
 Acq: 06 Feb 2020 13:30

Tgt Ion: 114 Resp: 845945
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.8
 88 15.5 0.0 29.6

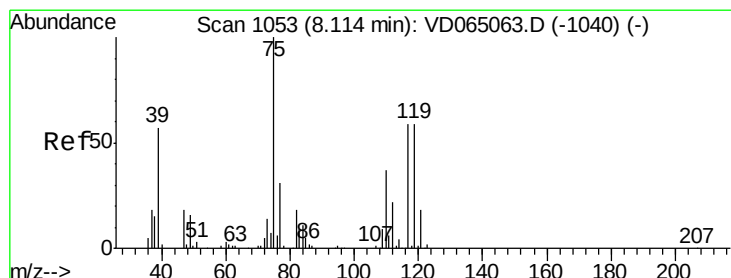
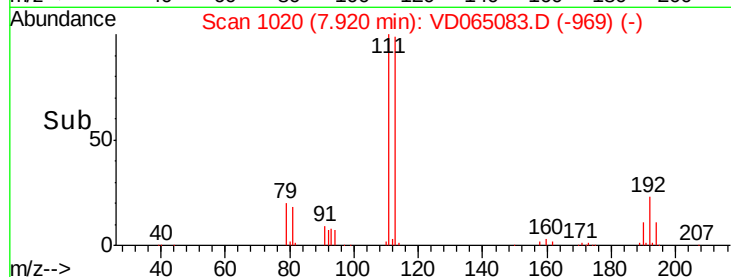
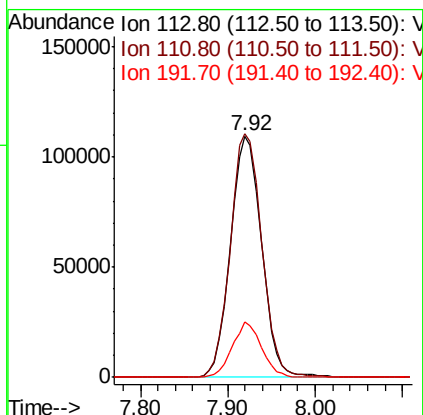
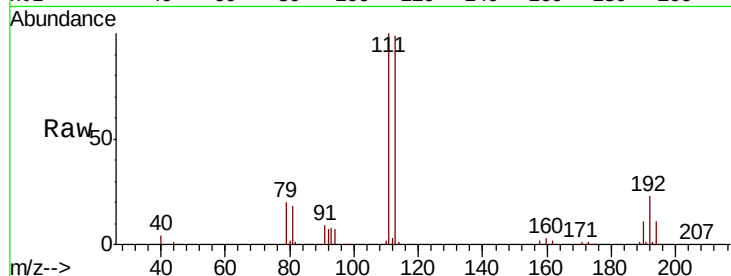




#35
 Dibromofluoromethane
 Concen: 55.890 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065083.D
 Acq: 06 Feb 2020 13:30

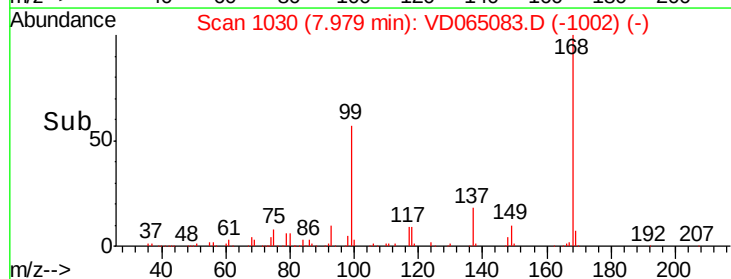
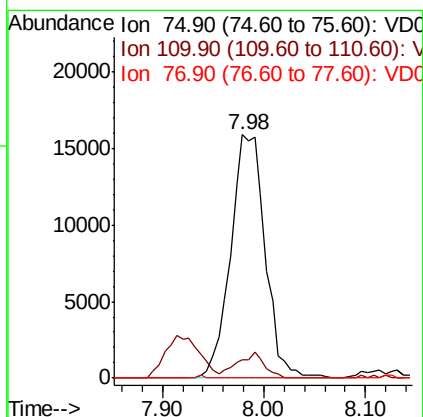
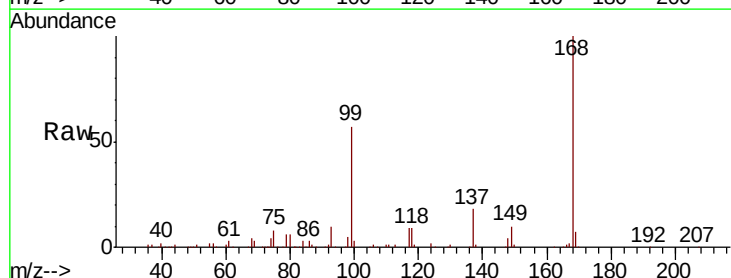
Instrument :
 MSVOA_D
 ClientSampled :

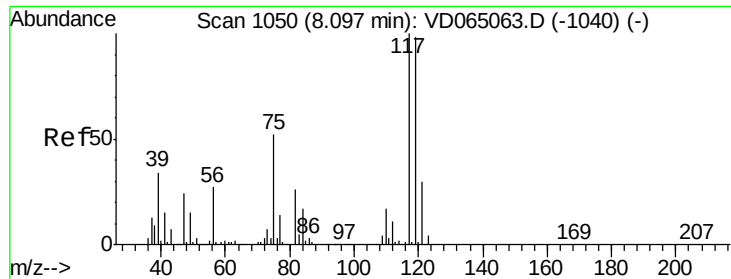
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.1	124.7
192	21.6	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.775 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065083.D
 Acq: 06 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.3#
77	0.0	24.7	37.1#

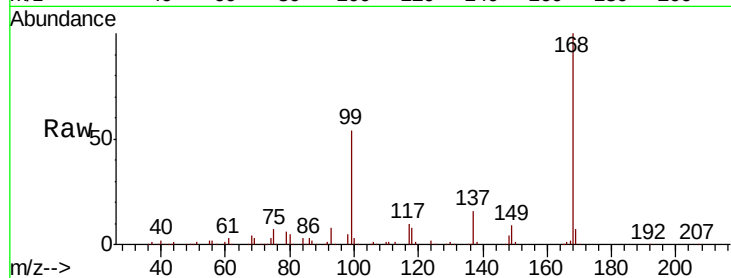




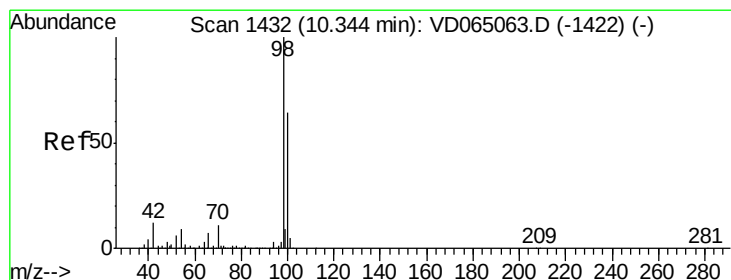
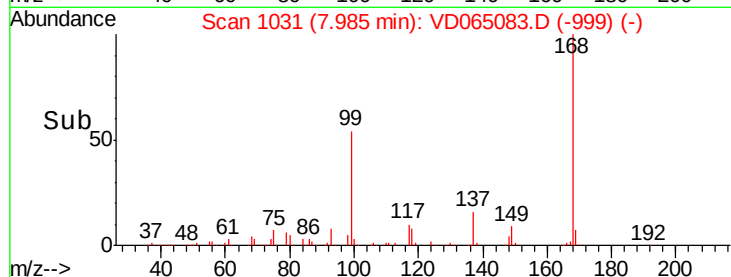
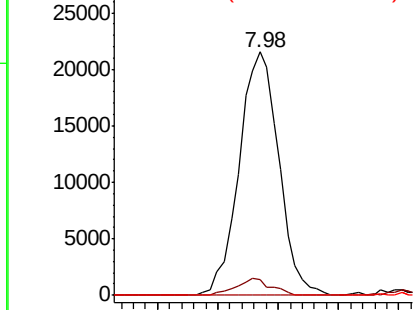
#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065083.D
Acq: 06 Feb 2020 13:30

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 49437
Ion Ratio Lower Upper
117 100
119 6.7 78.5 117.7#
121 0.0 23.8 35.6#

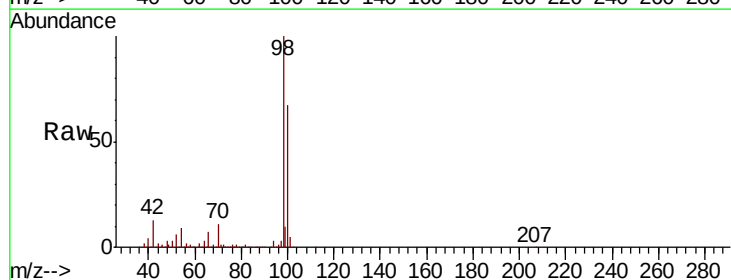


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

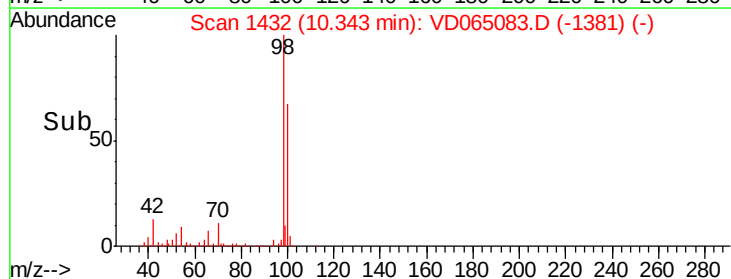
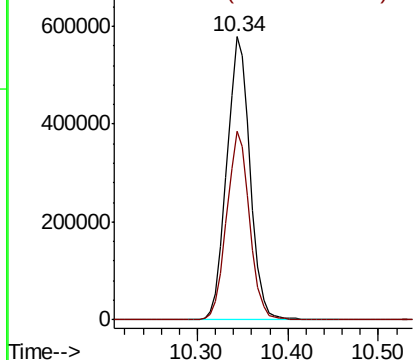


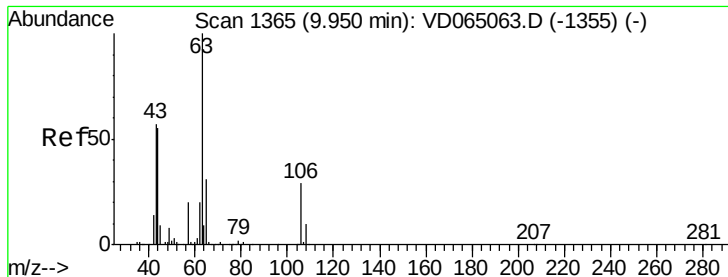
#50
Toluene-d8
Concen: 54.961 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065083.D
Acq: 06 Feb 2020 13:30

Tgt Ion: 98 Resp: 1032521
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.96 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD065083.D

Acq: 06 Feb 2020 13:30

Instrument :

MSVOA_D

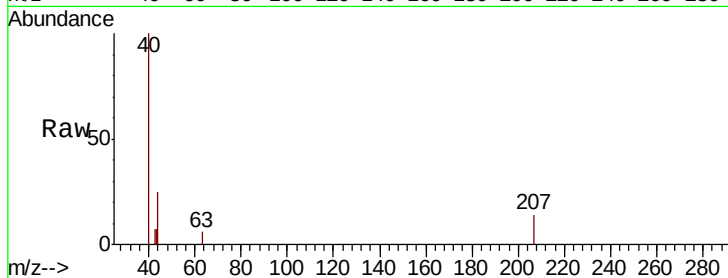
ClientSampleId :

Tot Ion: 63 Resp: 74

Ion Ratio Lower Upper

63 100

106 0.0 23.3 34.9#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.96

200

150

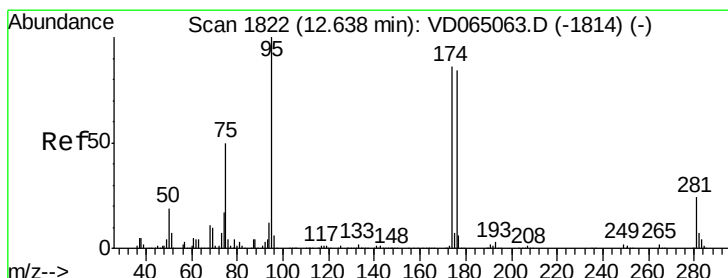
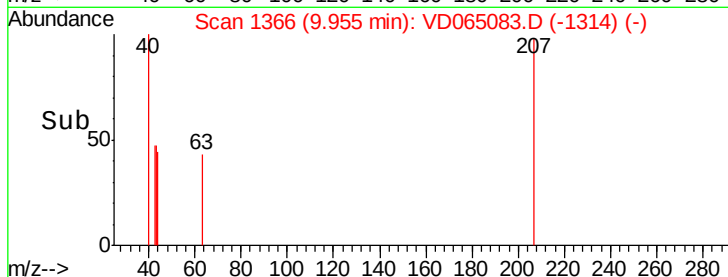
100

50

0

9.94 9.95 9.96 9.97

Time-->



#62

4-Bromofluorobenzene

Concen: 60.932 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065083.D

Acq: 06 Feb 2020 13:30

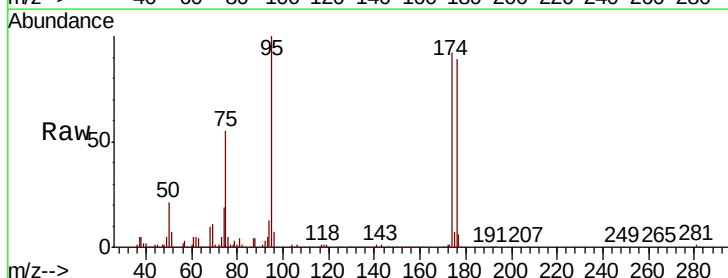
Tgt Ion: 95 Resp: 362709

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

176 85.9 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

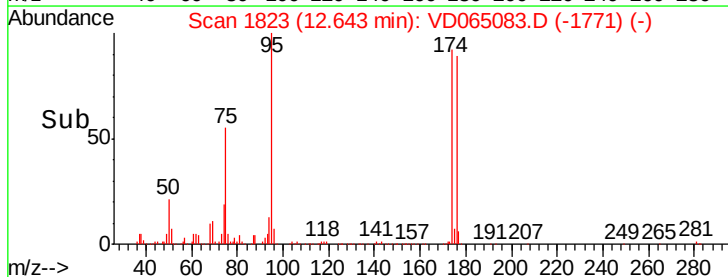
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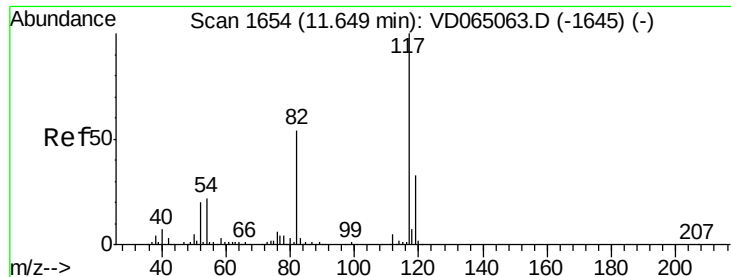
50000

0

12.60 12.64 12.70

Time-->

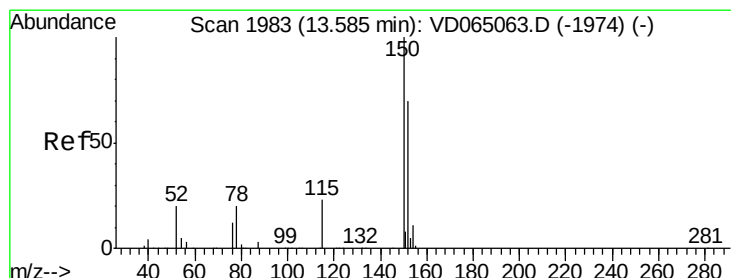
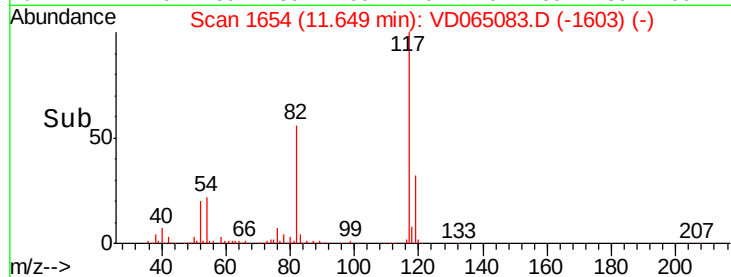
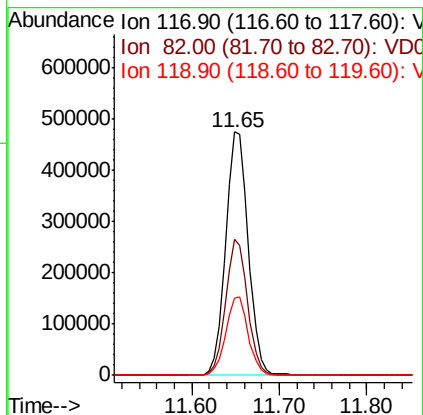
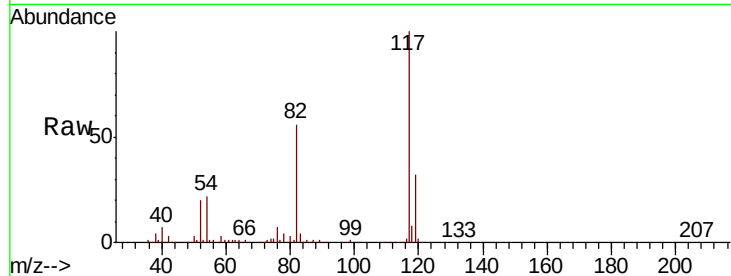




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065083.D
Acq: 06 Feb 2020 13:30

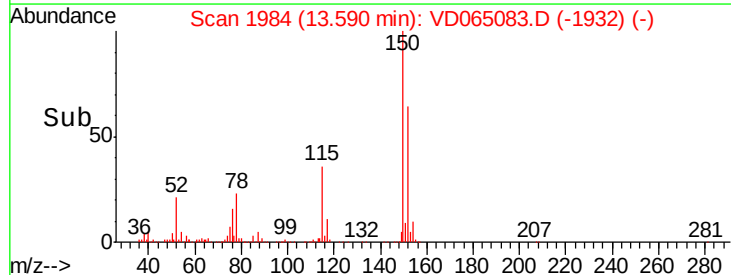
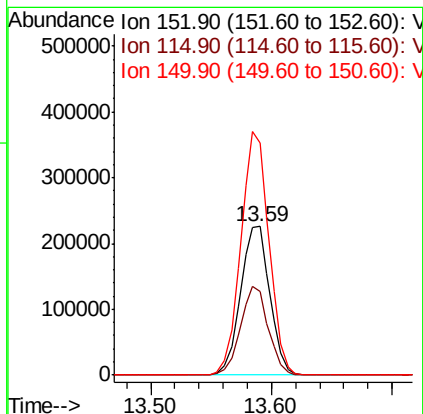
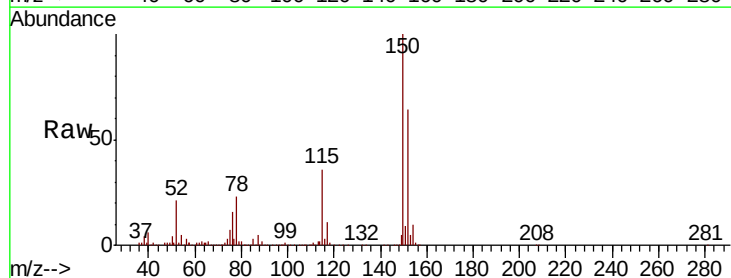
Instrument :
MSVOA_D
ClientSampleId :

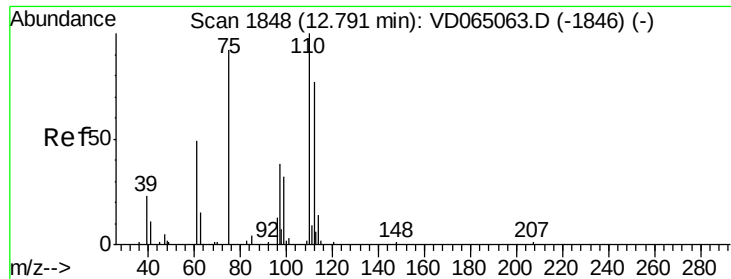
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.1	64.7
119	32.0	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VD065083.D
Acq: 06 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.5	82.4
150	157.6	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 66.886 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065083.D

Acq: 06 Feb 2020 13:30

Instrument :

MSVOA_D

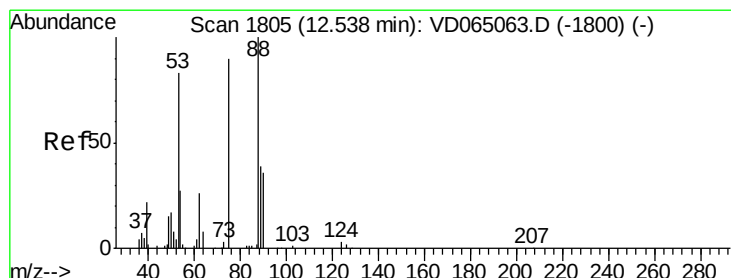
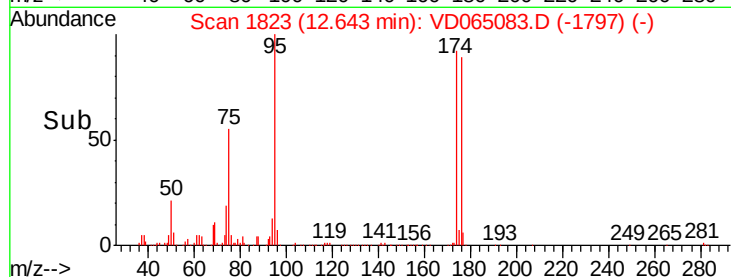
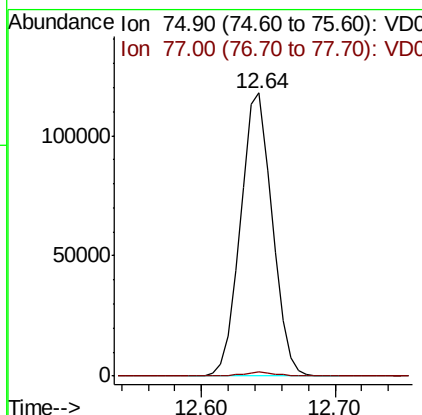
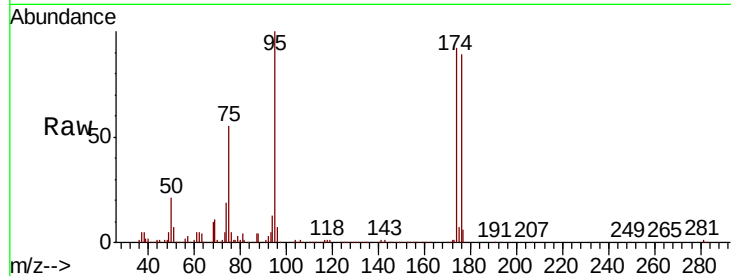
ClientSampled :

Tot Ion: 75 Resp: 193132

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.767 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065083.D

Acq: 06 Feb 2020 13:30

Tgt Ion: 75 Resp: 193132

Ion Ratio Lower Upper

75 100

53 0.2 78.5 117.7#

89 0.1 37.0 55.4#

