

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065085.D
 Acq On : 06 Feb 2020 14:27
 Operator : VA/SY
 Sample : L1394-02
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 07 06:09:05 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

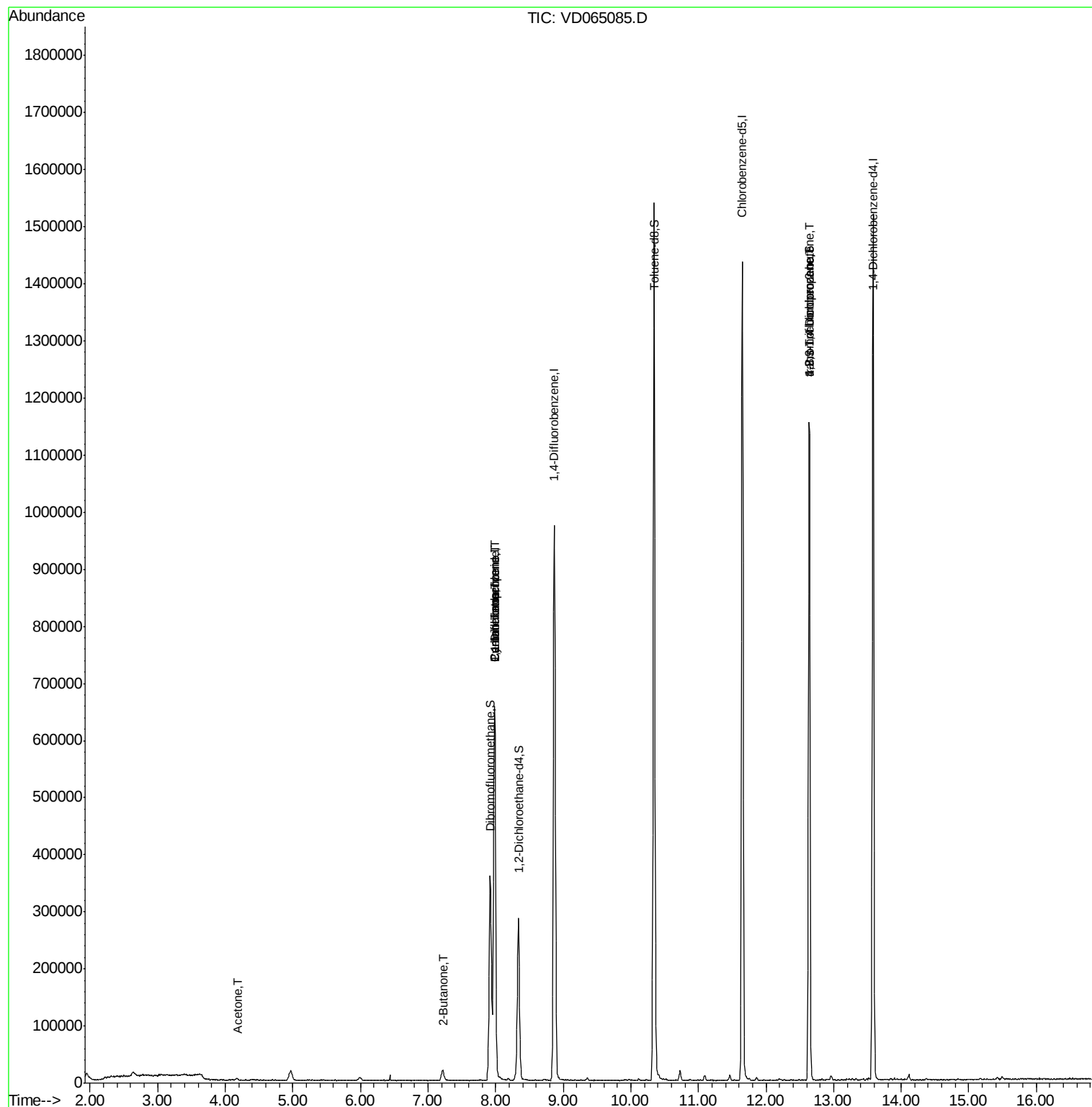
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	509925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	829895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	815817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	394998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	227431	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	7.92	113	251525	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
50) Toluene-d8	10.34	98	1016592	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.64	95	351484	60.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.38%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	5297	4.889	ug/l #	68
20) Methylene Chloride	4.97	84	13641	Below Cal		96
25) 2-Butanone	7.23	43	2139	1.655	ug/l #	81
31) Cyclohexane	7.98	56	11377	1.320	ug/l #	32
36) 1,1-Dichloropropene	7.98	75	37415	4.849	ug/l #	49
38) Carbon Tetrachloride	7.99	117	47559	6.034	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	185409	61.998	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	185409	123.992	ug/l #	10

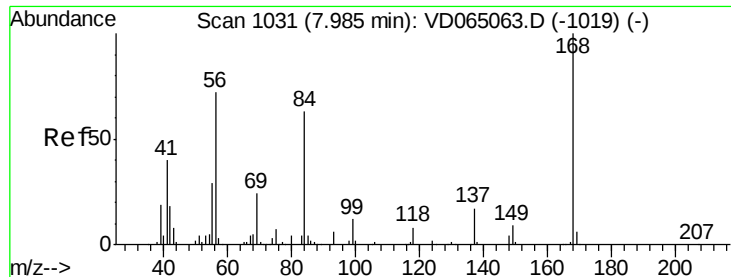
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020620\
Data File : VD065085.D
Acq On : 06 Feb 2020 14:27
Operator : VA/SY
Sample : L1394-02
Misc : 5.07G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 07 06:09:05 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065085.D

Acq: 06 Feb 2020 14:27

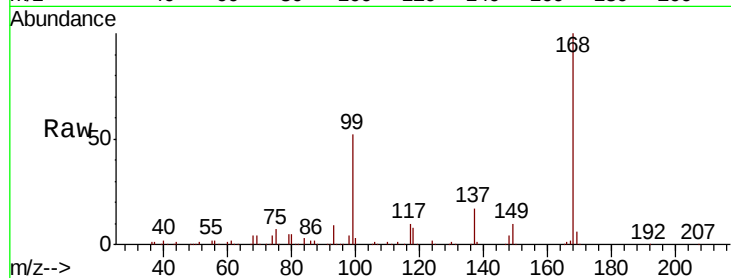
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 509925

Ion Ratio Lower Upper

168 100

99 51.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

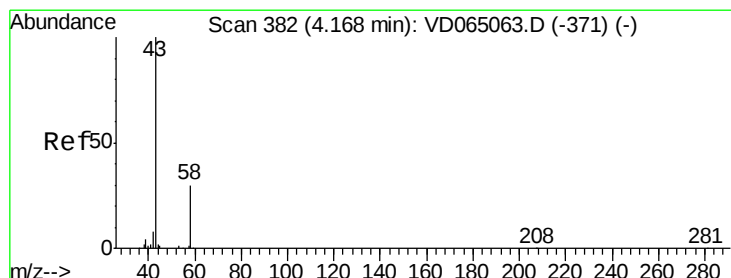
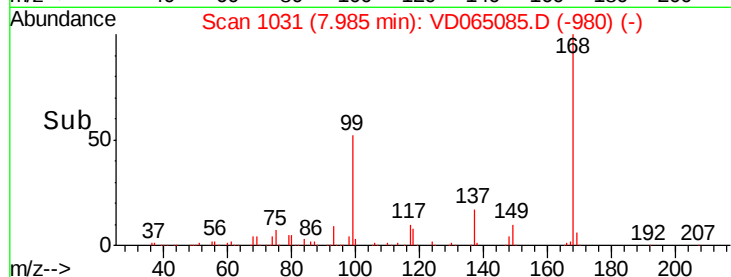
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.889 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065085.D

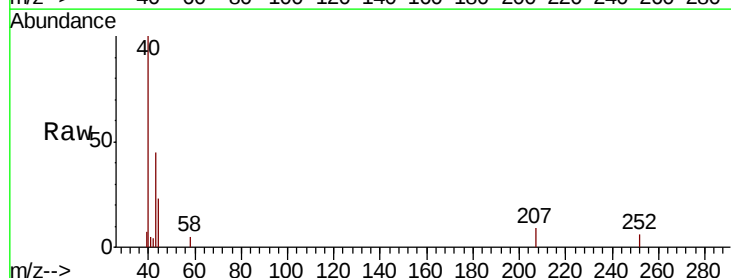
Acq: 06 Feb 2020 14:27

Tgt Ion: 43 Resp: 5297

Ion Ratio Lower Upper

43 100

58 12.1 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.18

2000

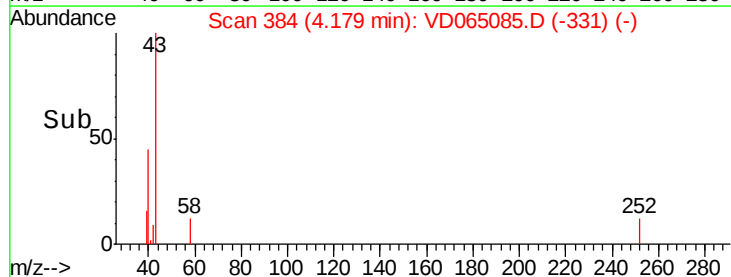
1500

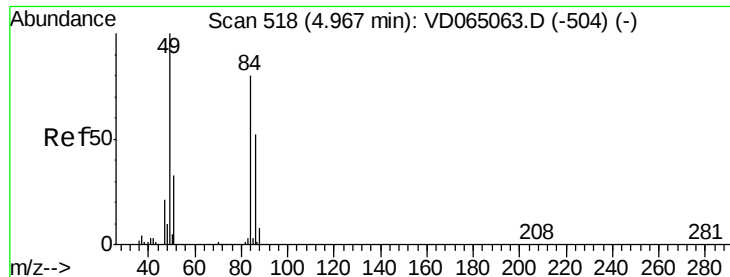
1000

500

0

Time-->

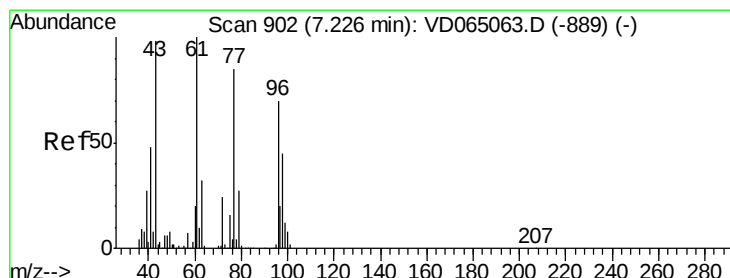
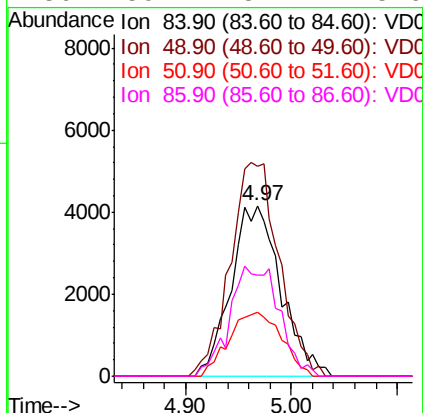
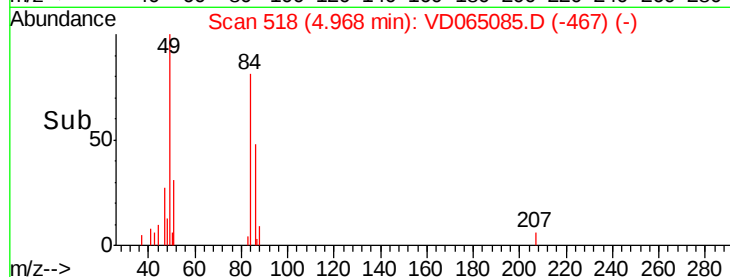
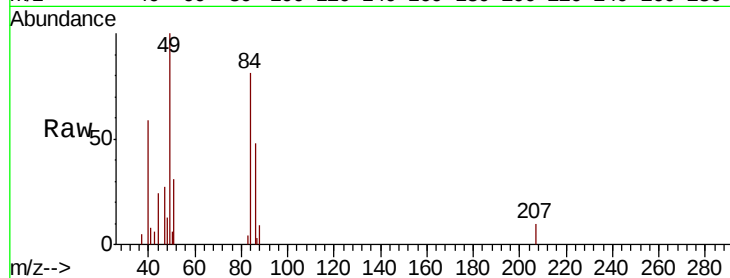




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

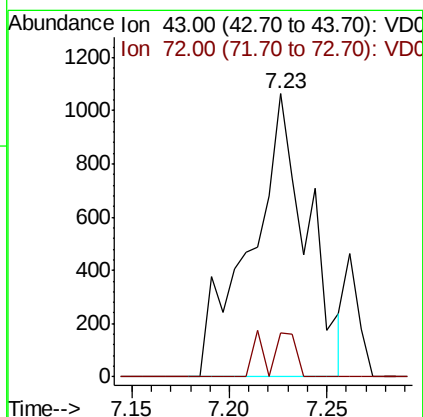
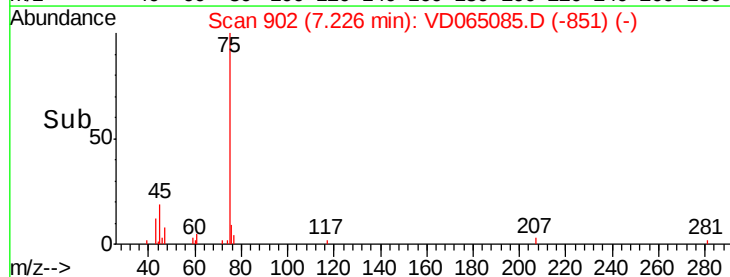
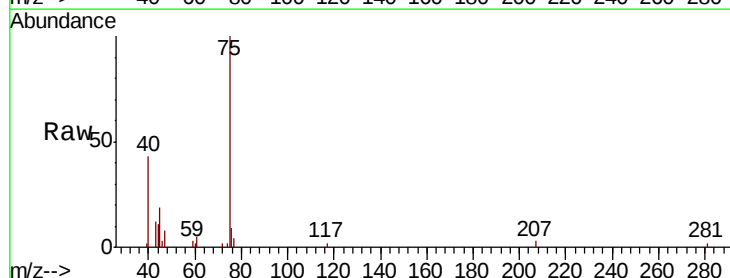
Instrument :
MSVOA_D
ClientSampleId :

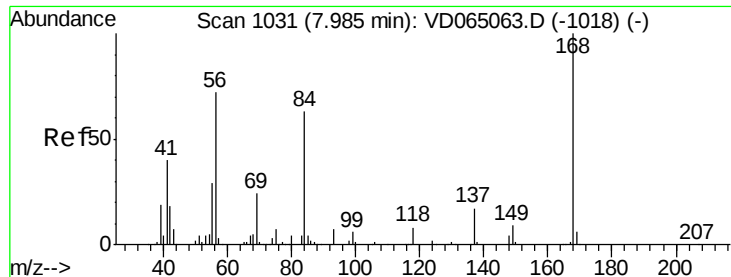
Tot Ion: 84 Resp: 13641
Ion Ratio Lower Upper
84 100
49 122.9 100.4 150.6
51 37.6 32.7 49.1
86 59.2 52.4 78.6



#25
2-Butanone
Concen: 1.655 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

Tgt Ion: 43 Resp: 2139
Ion Ratio Lower Upper
43 100
72 15.4 19.9 29.9#

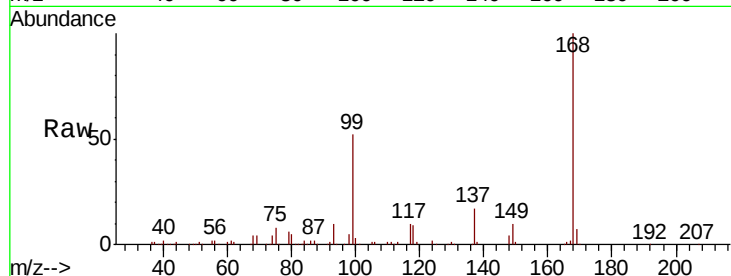




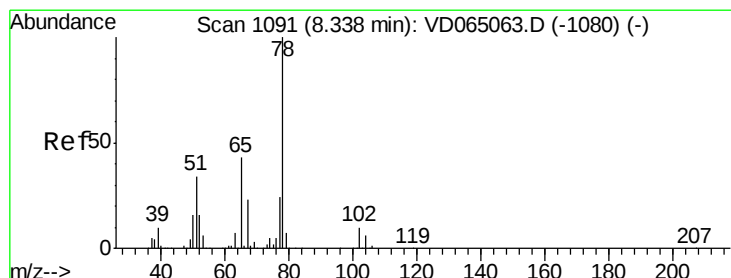
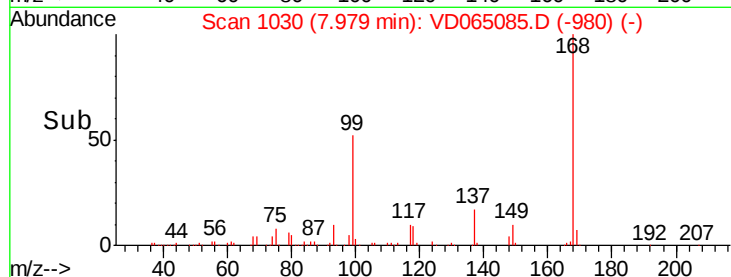
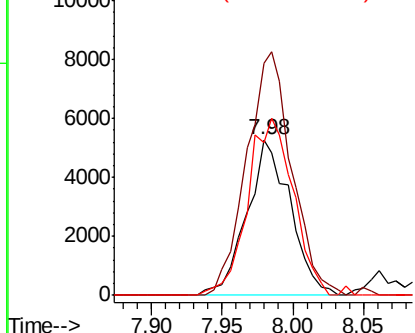
#31
Cyclohexane
Concen: 1.320 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 11377
Ion Ratio Lower Upper
56 100
69 149.0 26.6 40.0#
84 103.7 70.6 106.0

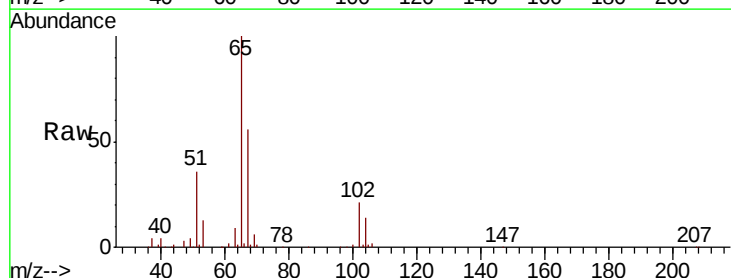


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

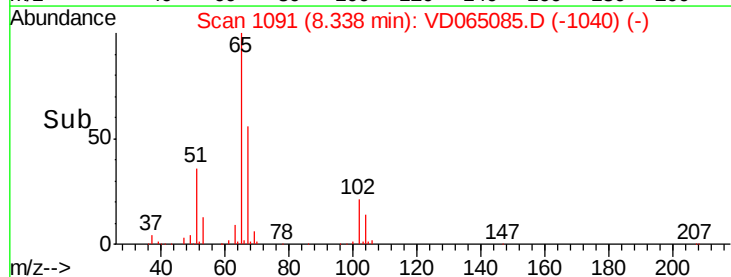
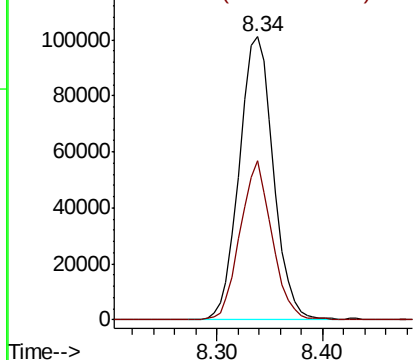


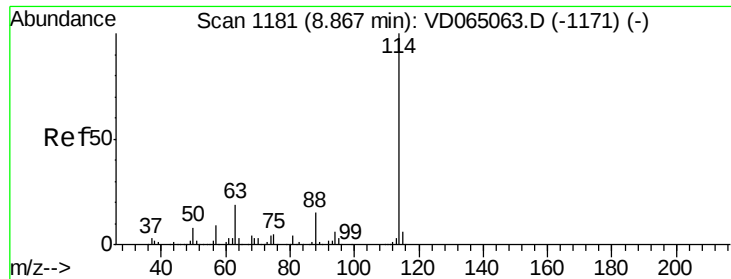
#33
1,2-Dichloroethane-d4
Concen: 52.477 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

Tgt Ion: 65 Resp: 227431
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8



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

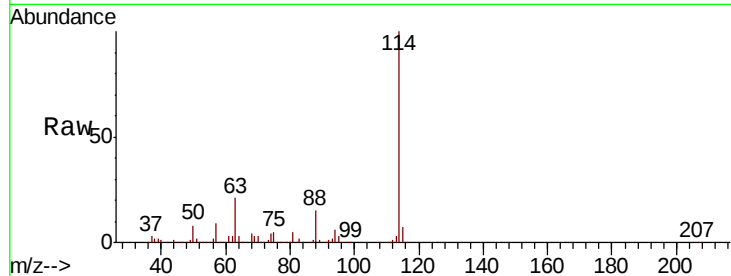




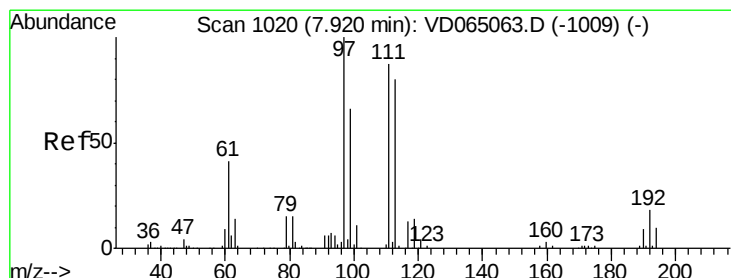
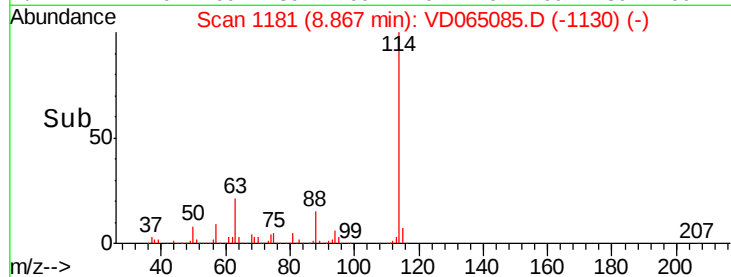
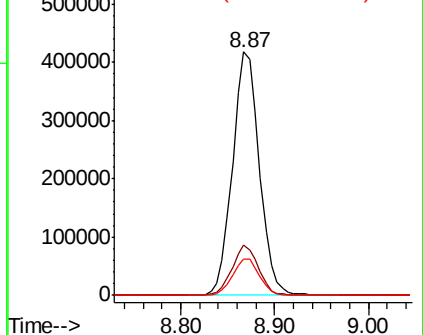
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065085.D
 Acq: 06 Feb 2020 14:27

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.8
88	15.0	0.0	29.6

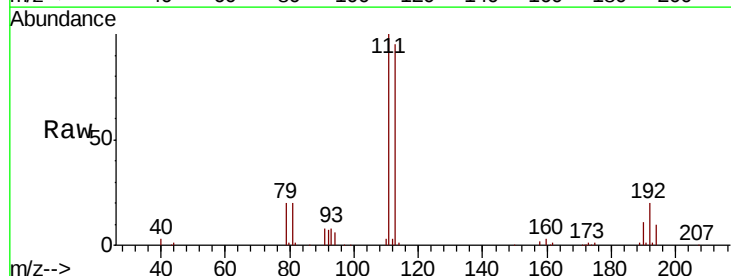


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

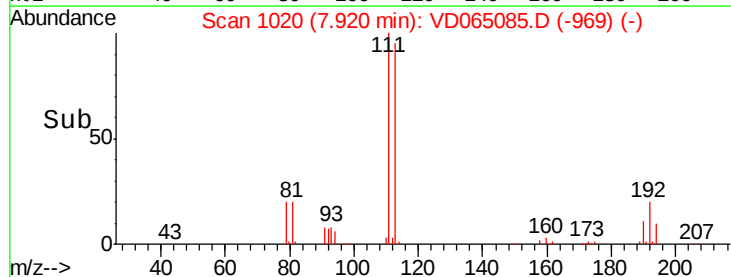
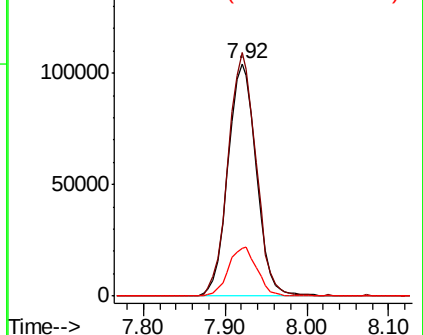


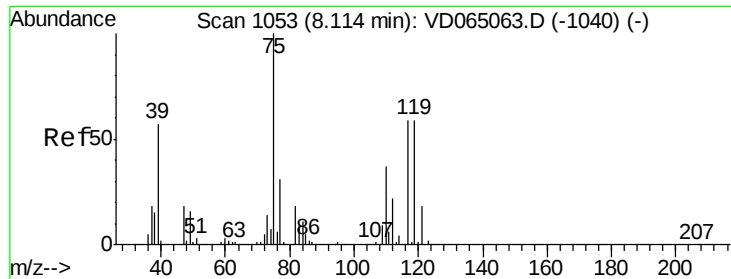
#35
 Dibromofluoromethane
 Concen: 54.322 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065085.D
 Acq: 06 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	21.2	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: 4.849 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD065085.D

Acq: 06 Feb 2020 14:27

Instrument :

MSVOA_D

ClientSampled :

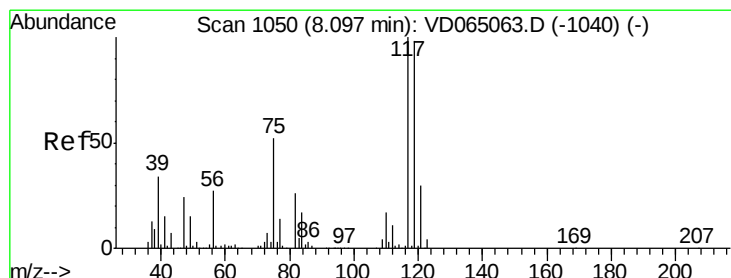
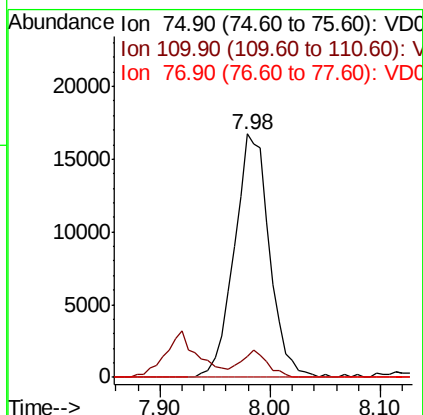
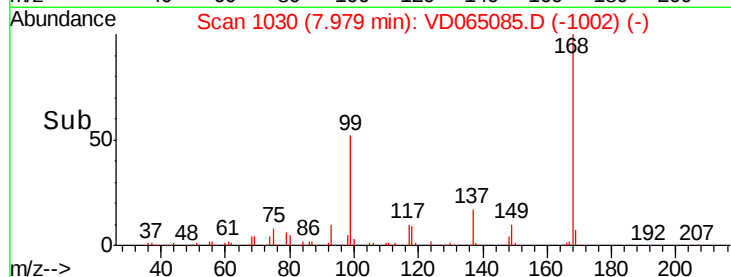
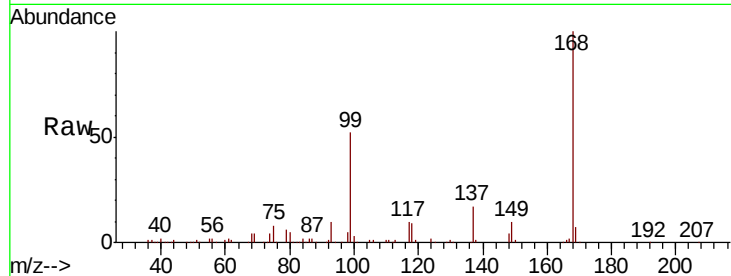
Tot Ion: 75 Resp: 37415

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.034 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065085.D

Acq: 06 Feb 2020 14:27

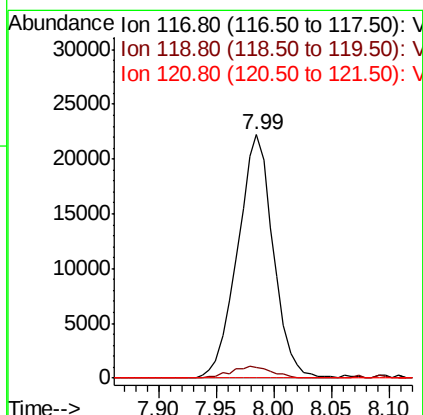
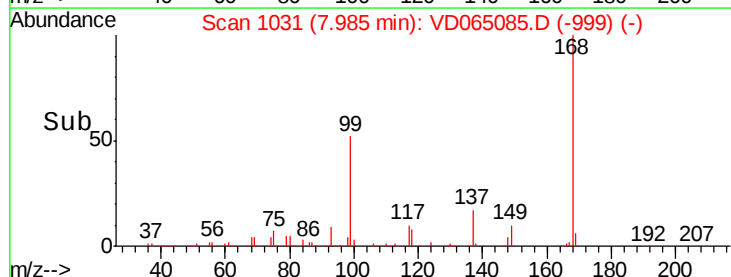
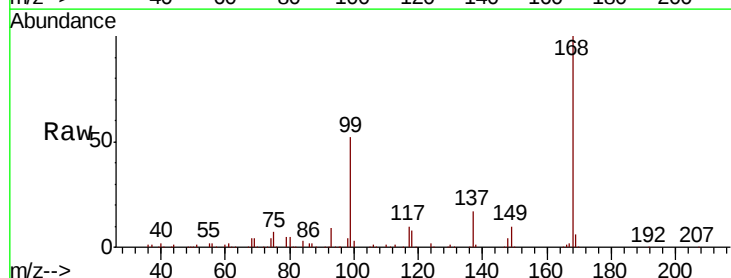
Tgt Ion: 117 Resp: 47559

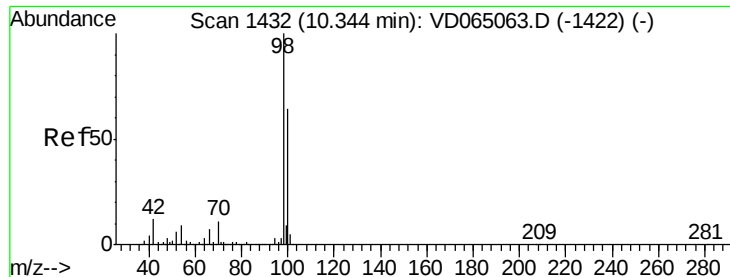
Ion Ratio Lower Upper

117 100

119 4.4 78.5 117.7#

121 0.0 23.8 35.6#

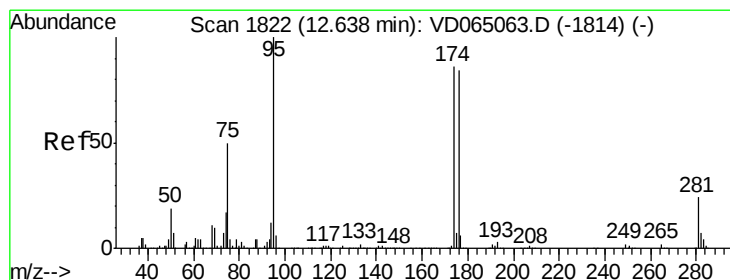
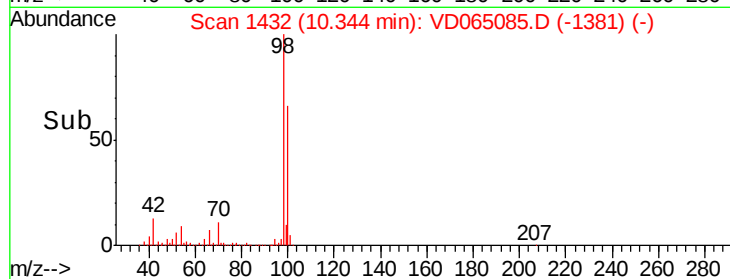
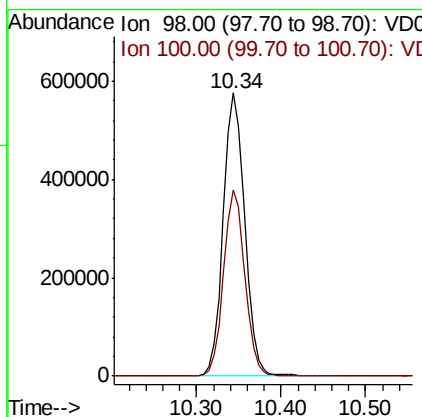
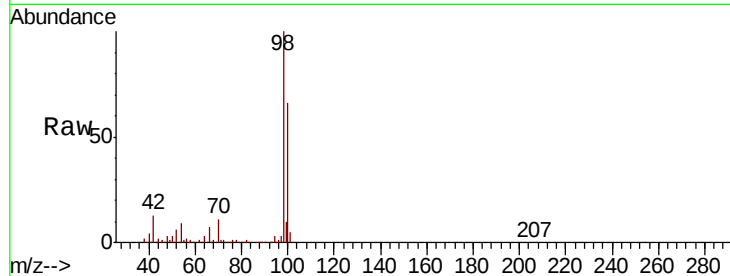




#50
Toluene-d8
Concen: 55.160 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

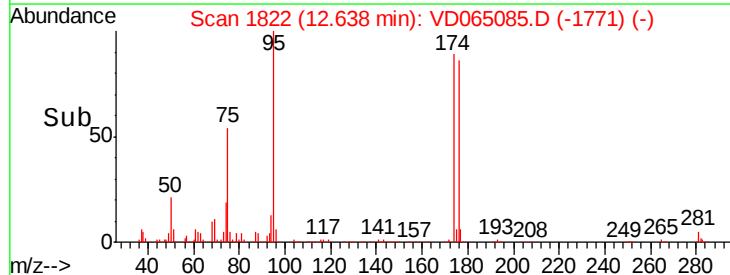
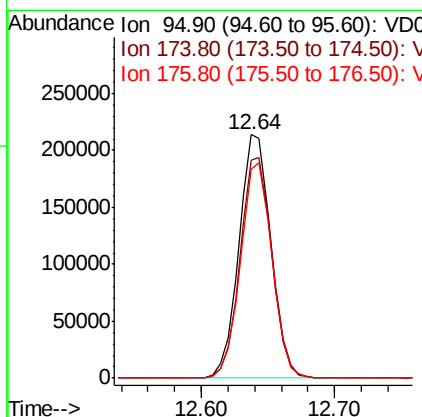
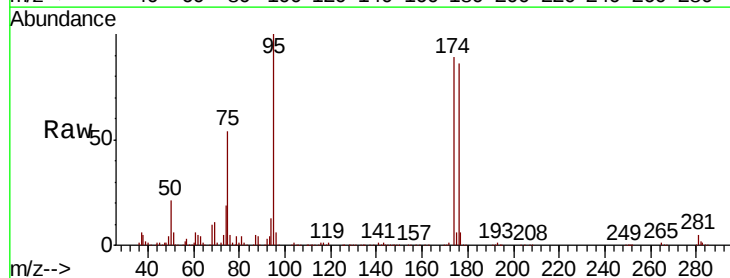
Instrument :
MSVOA_D
ClientSampleId :

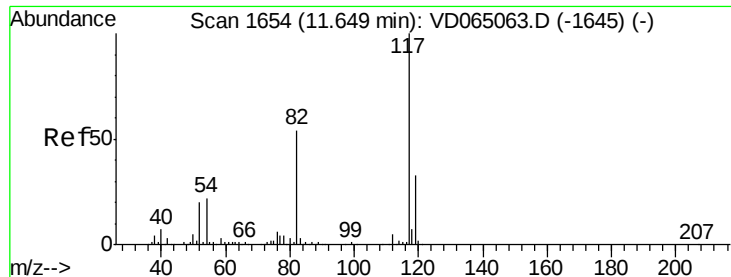
Tot Ion: 98 Resp: 1016592
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 60.188 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

Tgt Ion: 95 Resp: 351484
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.0
176 87.2 0.0 173.2

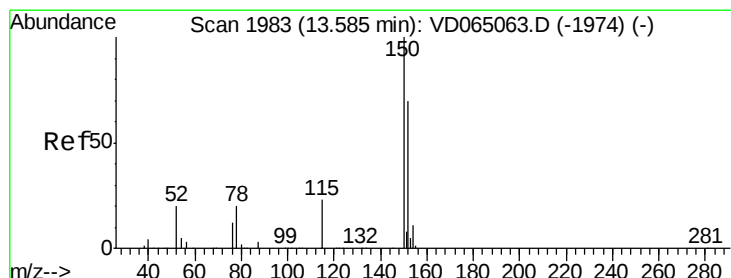
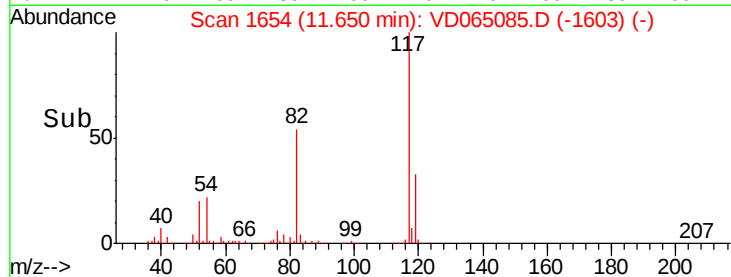
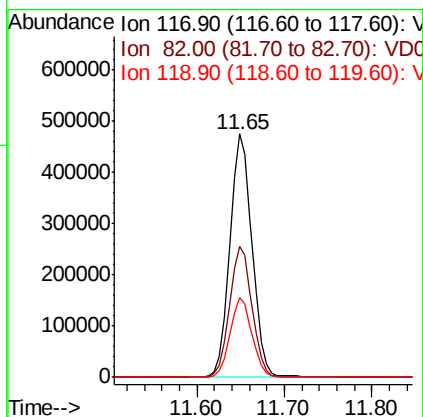
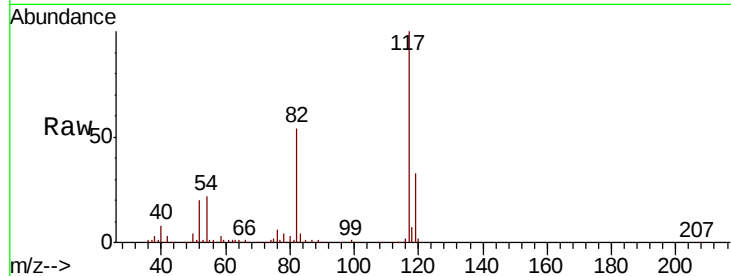




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

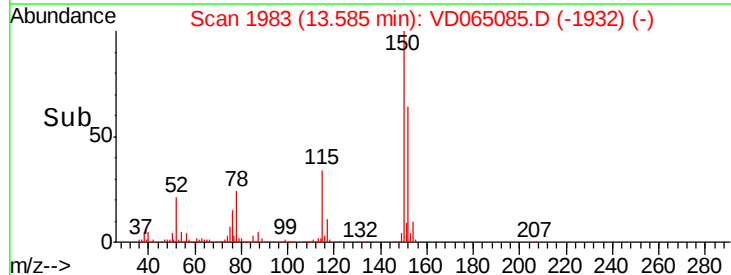
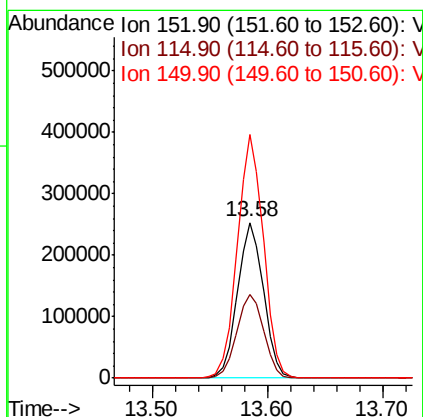
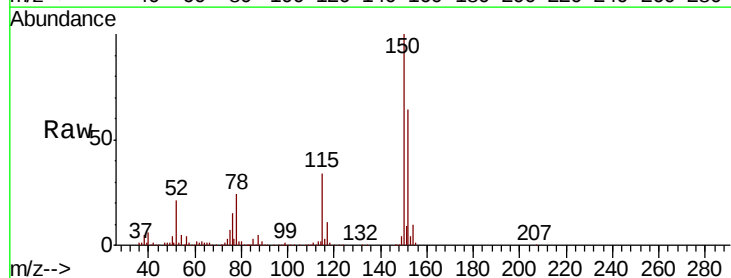
Instrument :
MSVOA_D
ClientSampleId :

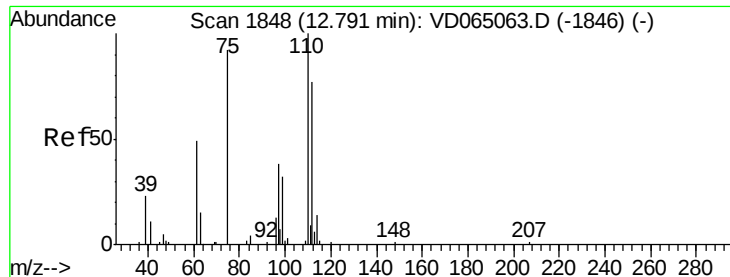
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.1	64.7
119	32.6	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065085.D
Acq: 06 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.5	82.4
150	156.0	0.0	343.2





#76

1,2,3-Trichloropropane

Concen: 61.998 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065085.D

Acq: 06 Feb 2020 14:27

Instrument :

MSVOA_D

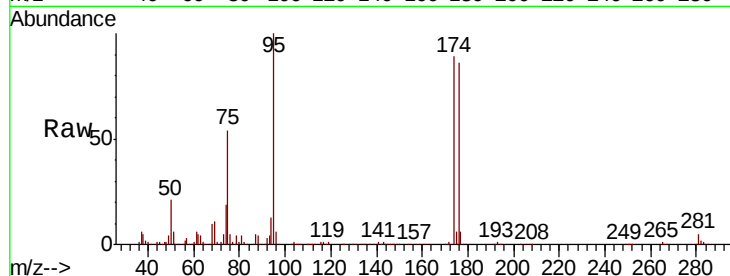
ClientSampled :

Tot Ion: 75 Resp: 185409

Ion Ratio Lower Upper

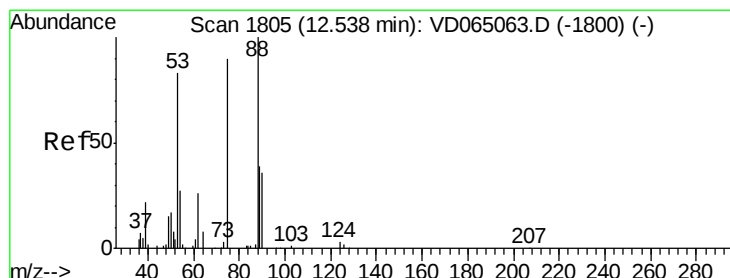
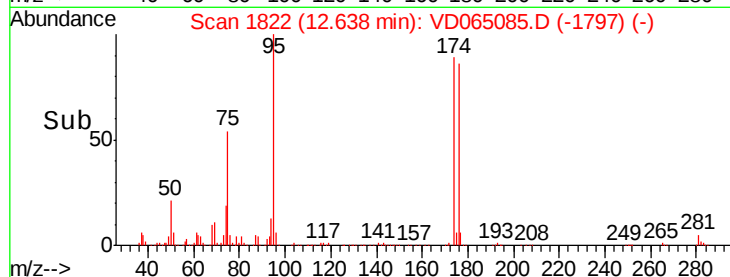
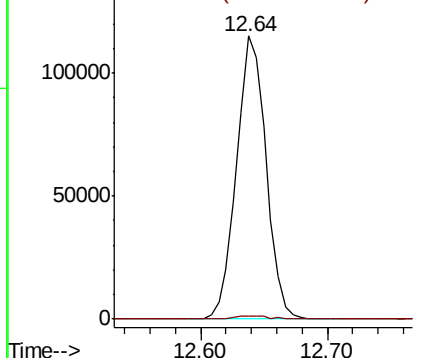
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 123.992 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065085.D

Acq: 06 Feb 2020 14:27

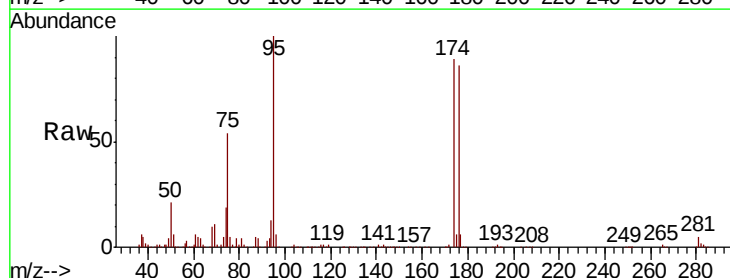
Tgt Ion: 75 Resp: 185409

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.1 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

