

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020720\
 Data File : VD065117.D
 Acq On : 07 Feb 2020 18:43
 Operator : VA/SY
 Sample : L1403-11
 Misc : 7.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:09:18 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

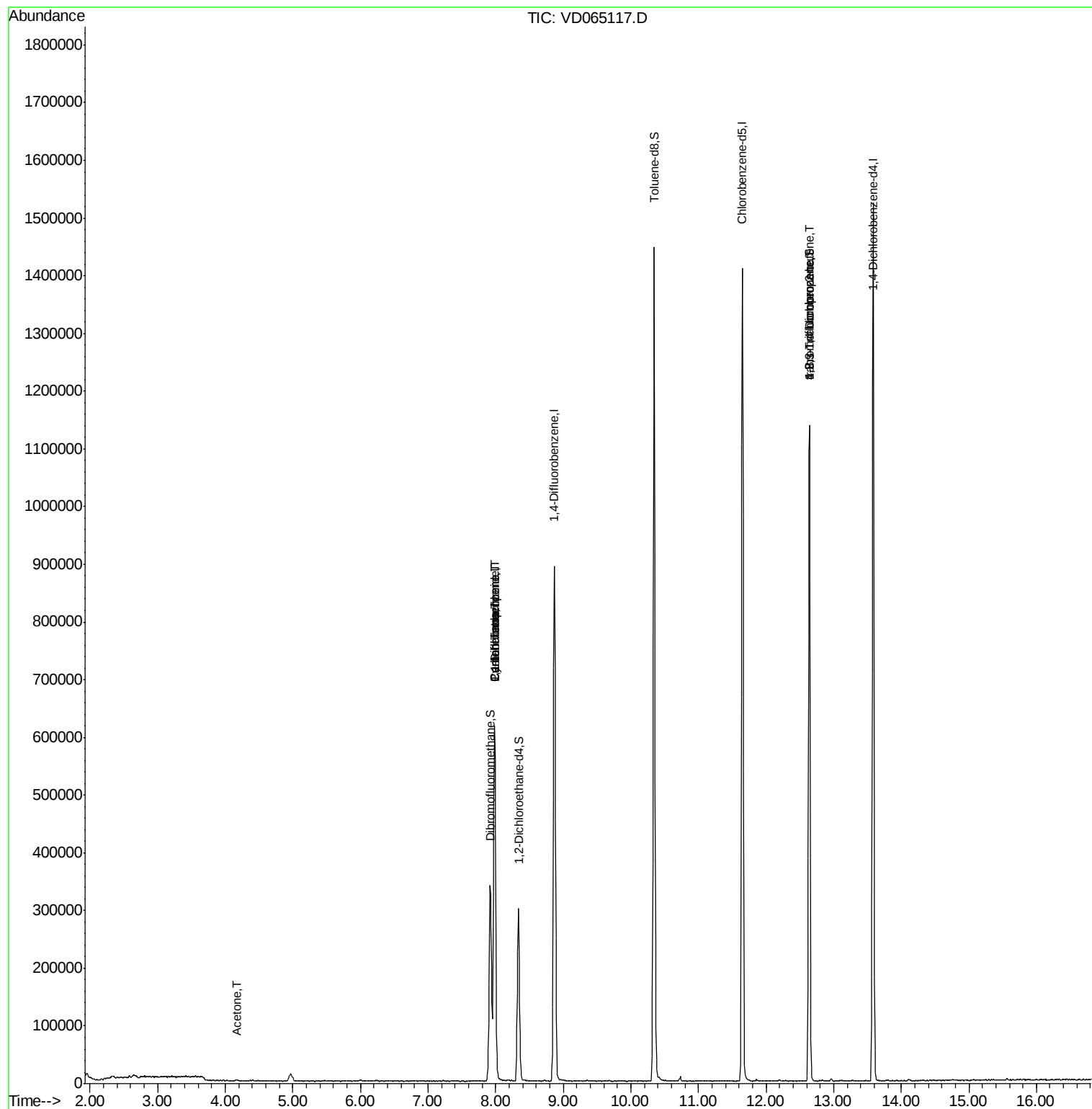
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	476899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	769323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	811067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	403310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	241801	59.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.32%	
35) Dibromofluoromethane	7.92	113	243085	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
50) Toluene-d8	10.34	98	946525	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.64	95	351076	64.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.70%	
Target Compounds						
16) Acetone	4.17	43	2915	2.877	ug/l #	78
20) Methylene Chloride	4.97	84	10273	Below Cal	#	81
31) Cyclohexane	7.98	56	9898	1.228	ug/l #	4
36) 1,1-Dichloropropene	7.98	75	35678	4.987	ug/l #	49
38) Carbon Tetrachloride	7.98	117	45990	6.295	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	184556	60.441	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	184556	120.877	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020720\
Data File : VD065117.D
Acq On : 07 Feb 2020 18:43
Operator : VA/SY
Sample : L1403-11
Misc : 7.91G/5.00ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 08 00:09:18 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: VD065117.D

Acq: 07 Feb 2020 18:43

Instrument :

MSVOA_D

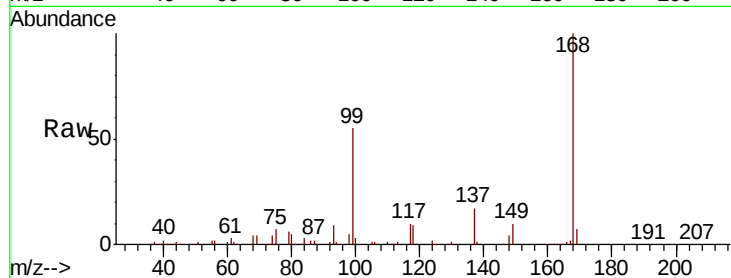
ClientSampleId :

Tot Ion:168 Resp: 476899

Ion Ratio Lower Upper

168 100

99 55.5 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

200000

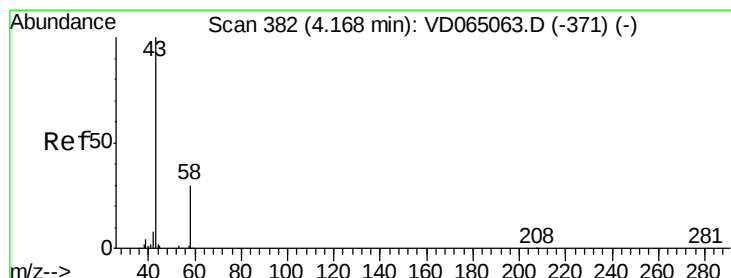
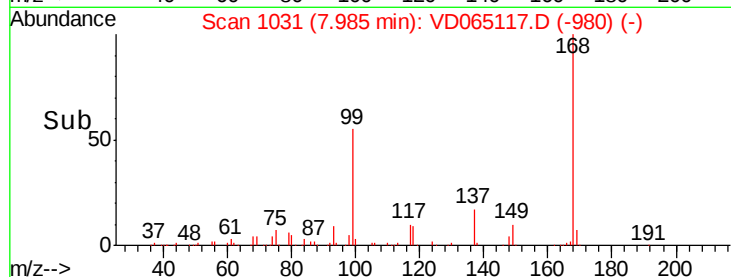
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.877 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065117.D

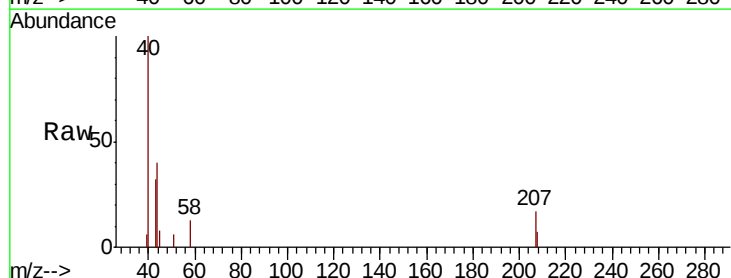
Acq: 07 Feb 2020 18:43

Tgt Ion: 43 Resp: 2915

Ion Ratio Lower Upper

43 100

58 41.0 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

1000

800

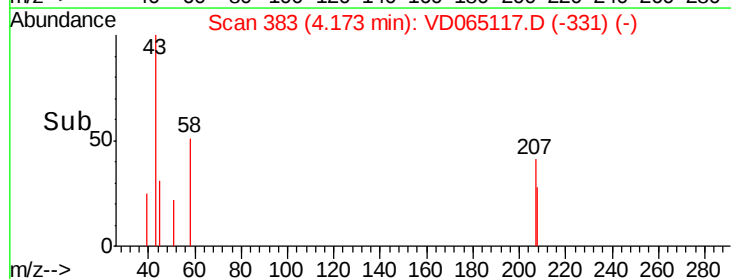
600

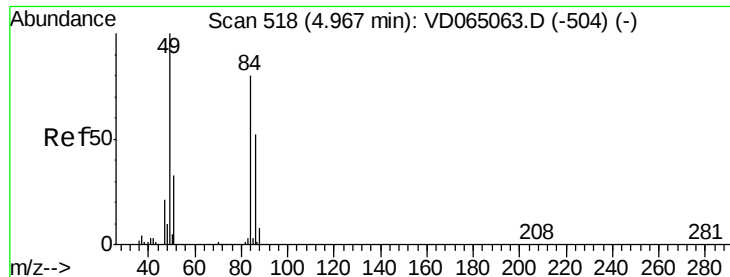
400

200

0

Time-->

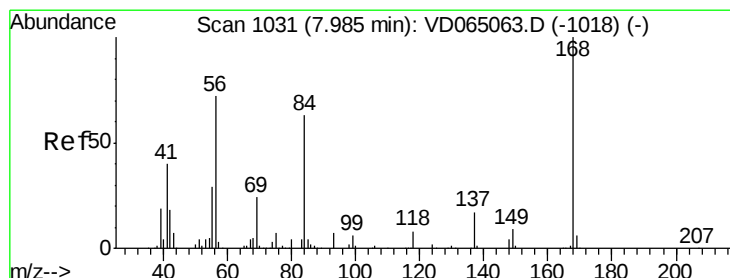
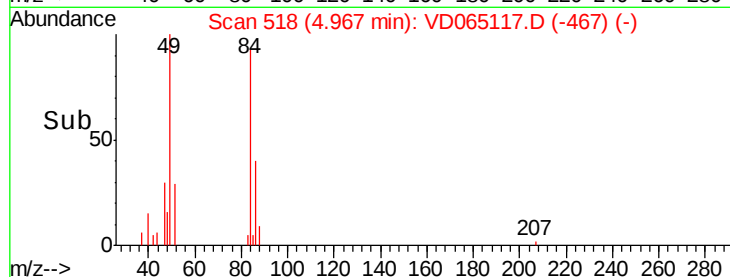
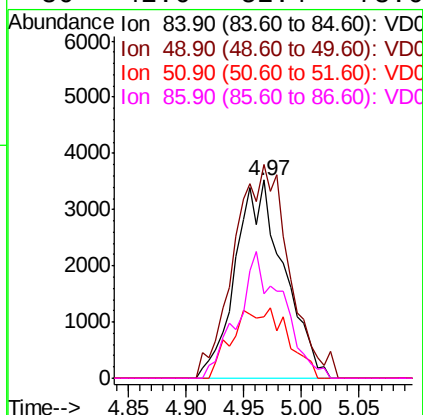
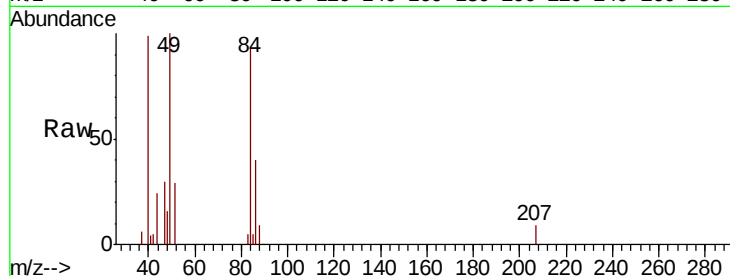




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

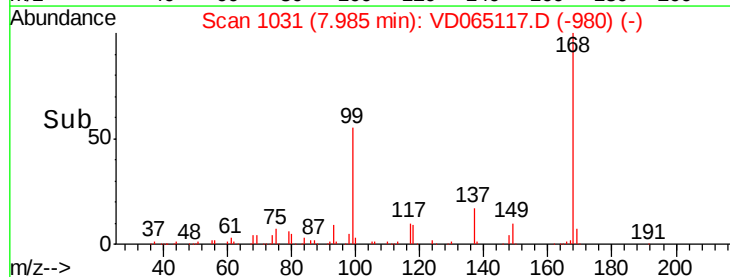
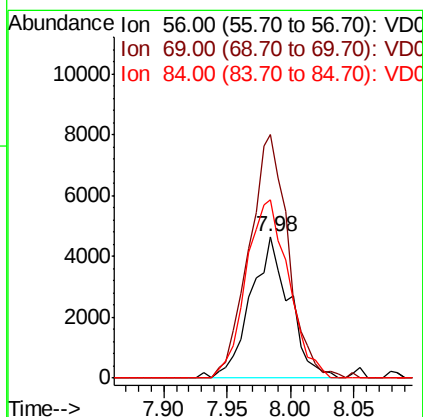
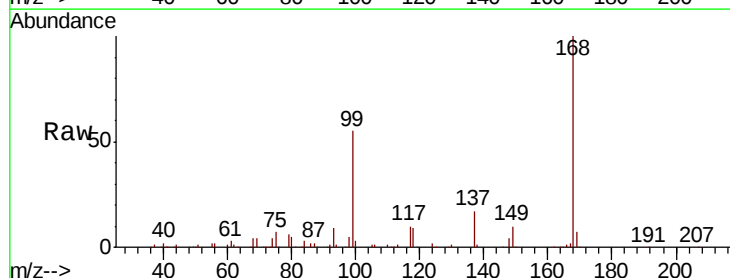
Instrument :
MSVOA_D
ClientSampleId :

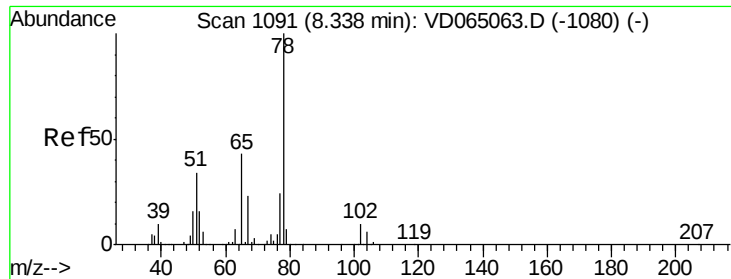
Tot Ion: 84 Resp: 10273
Ion Ratio Lower Upper
84 100
49 107.7 100.4 150.6
51 31.3 32.7 49.1#
86 42.6 52.4 78.6#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

Tgt Ion: 56 Resp: 9898
Ion Ratio Lower Upper
56 100
69 171.7 26.6 40.0#
84 126.2 70.6 106.0#

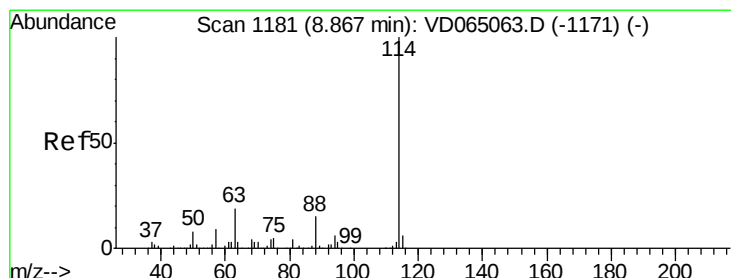
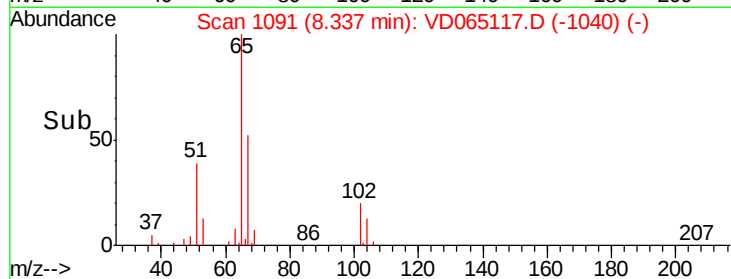
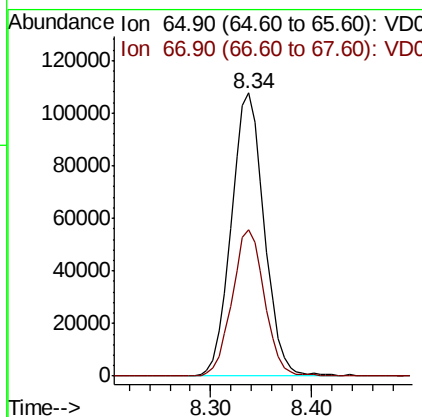
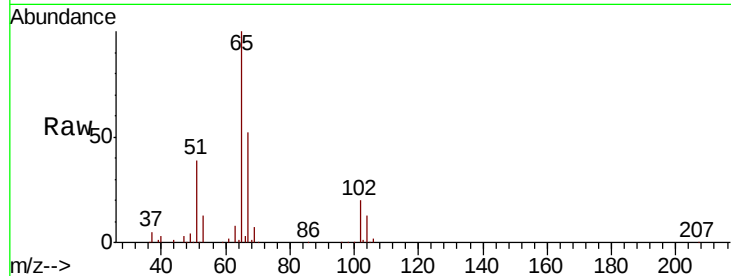




#33
 1,2-Dichloroethane-d4
 Concen: 59.656 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065117.D
 Acq: 07 Feb 2020 18:43

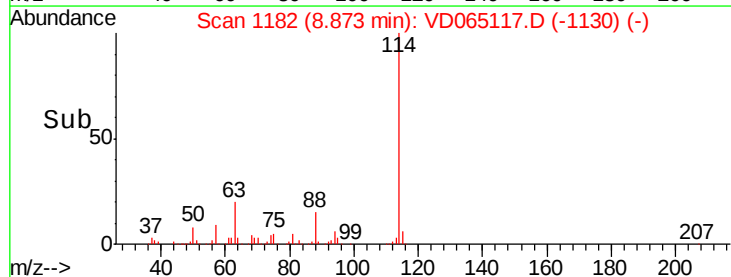
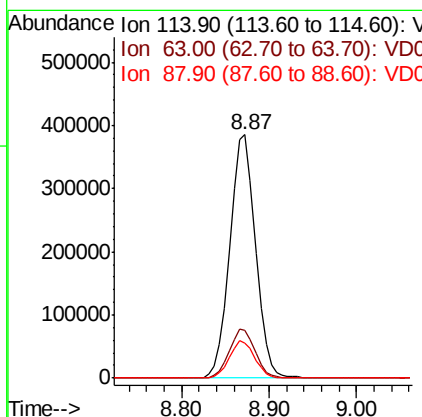
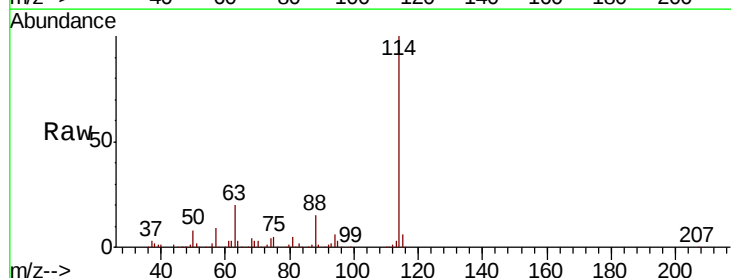
Instrument :
 MSVOA_D
 ClientSampleId :

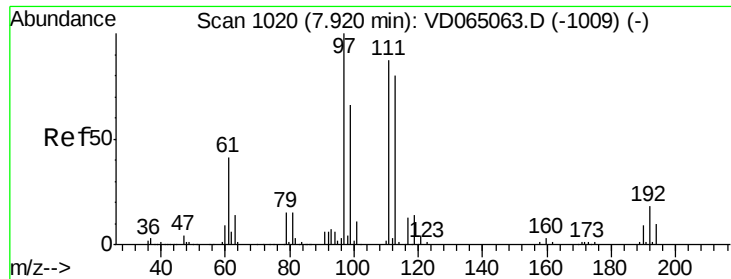
Tot Ion: 65 Resp: 241801
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065117.D
 Acq: 07 Feb 2020 18:43

Tgt Ion: 114 Resp: 769323
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 14.6 0.0 29.6

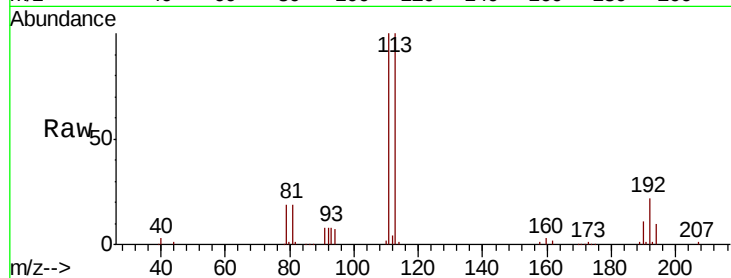




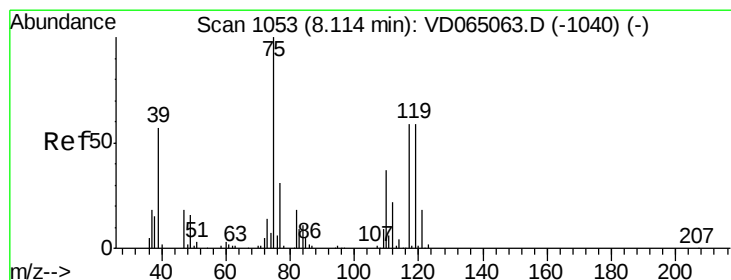
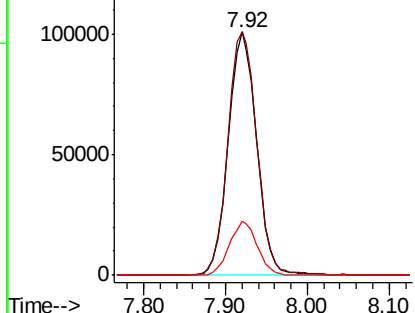
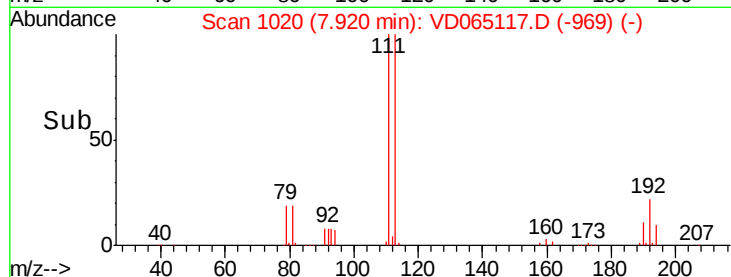
#35
 Dibromofluoromethane
 Concen: 56.632 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065117.D
 Acq: 07 Feb 2020 18:43

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.1	124.7
192	21.9	18.1	27.1

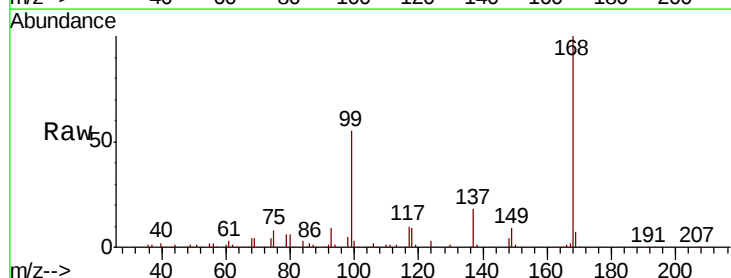


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

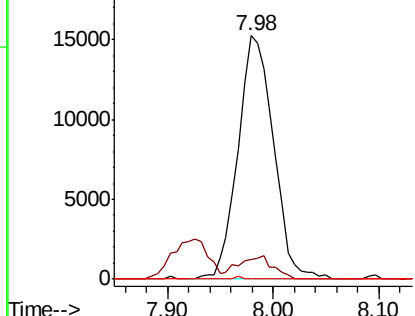
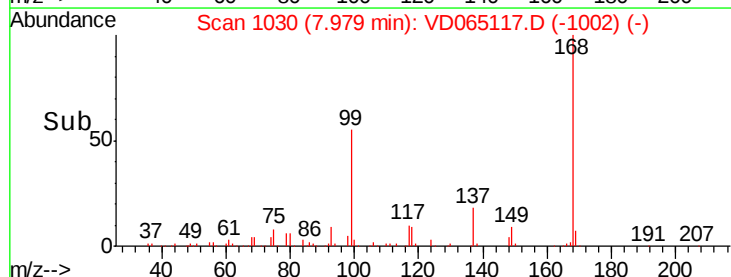


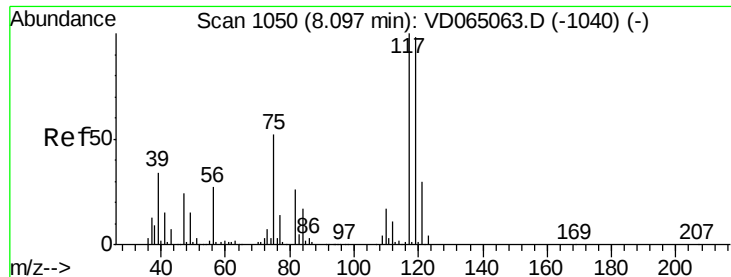
#36
 1,1-Dichloropropene
 Concen: 4.987 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065117.D
 Acq: 07 Feb 2020 18:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	24.7	37.1#



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC





#38

Carbon Tetrachloride

Concen: 6.295 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065117.D

Acq: 07 Feb 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

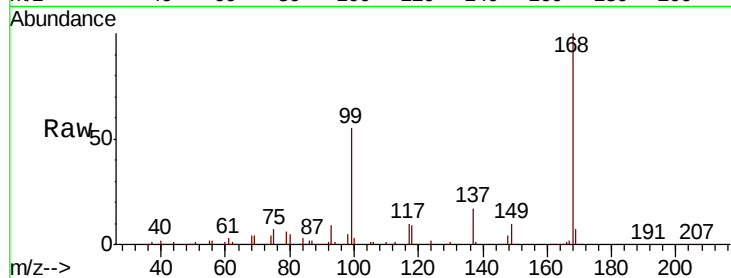
Tot Ion:117 Resp: 45990

Ion Ratio Lower Upper

117 100

119 4.5 78.5 117.7#

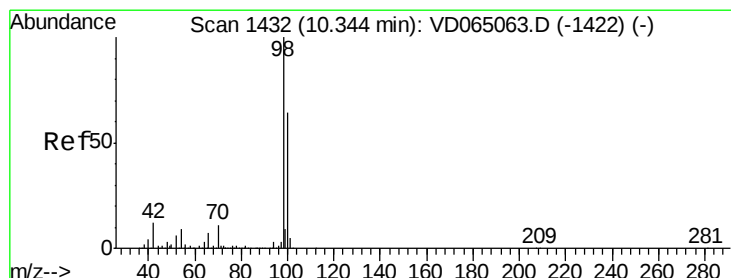
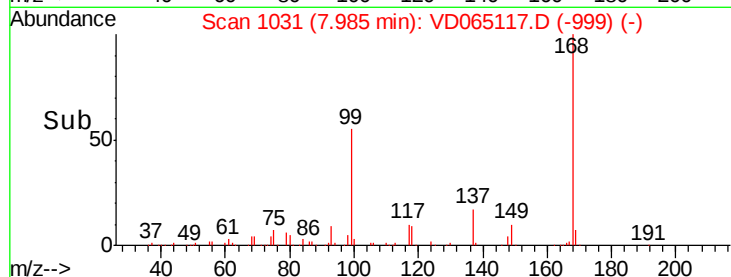
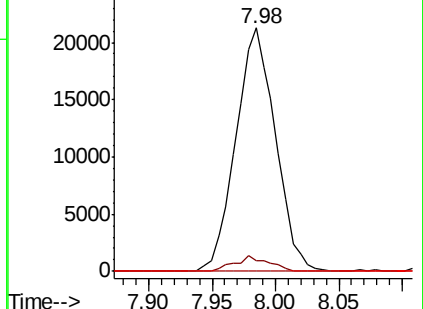
121 0.0 23.8 35.6#



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: 55.402 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065117.D

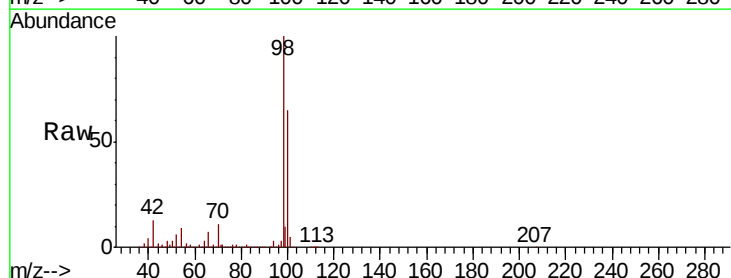
Acq: 07 Feb 2020 18:43

Tgt Ion: 98 Resp: 946525

Ion Ratio Lower Upper

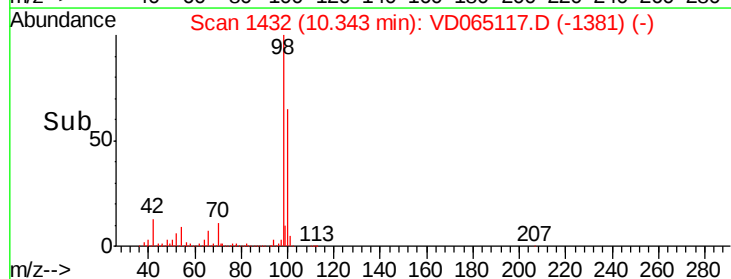
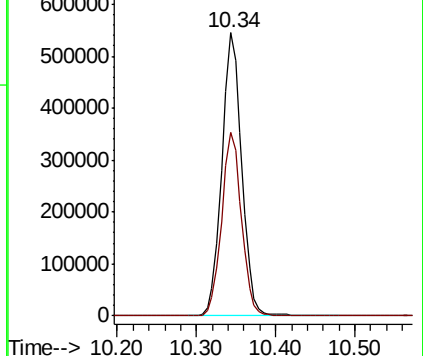
98 100

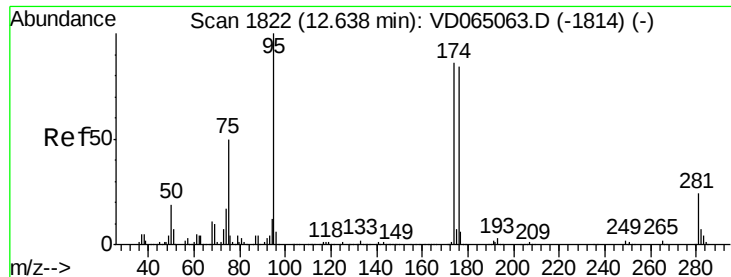
100 64.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

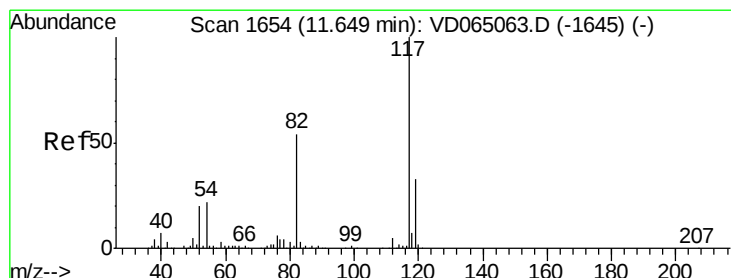
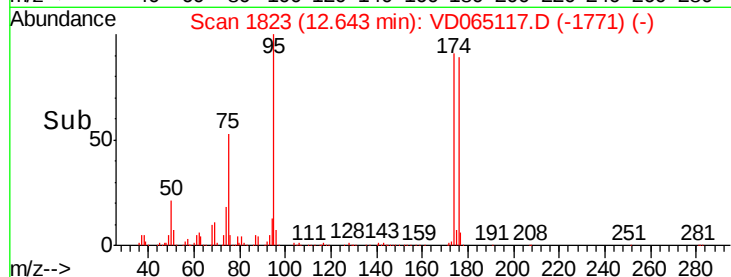
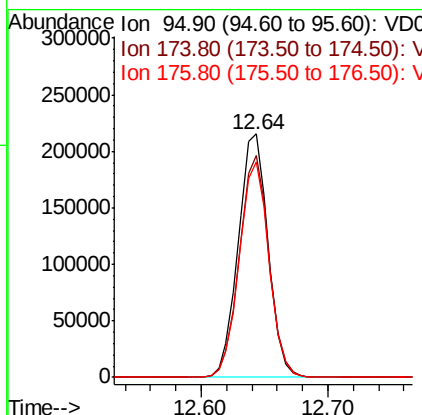
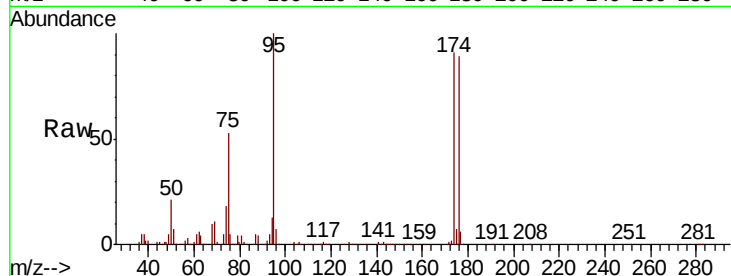




#62
4-Bromofluorobenzene
Concen: 64.852 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

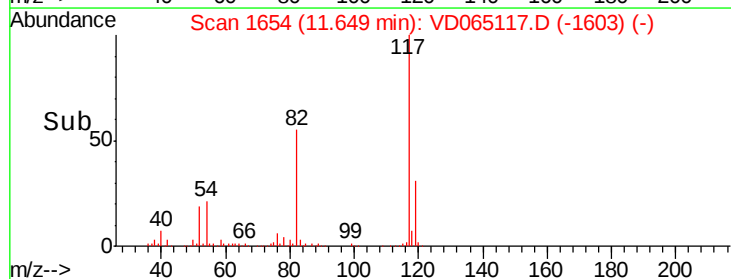
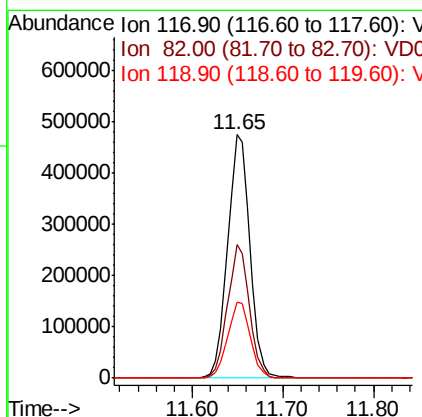
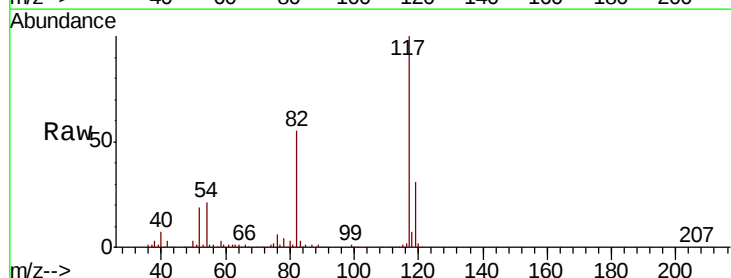
Instrument :
MSVOA_D
ClientSampleId :

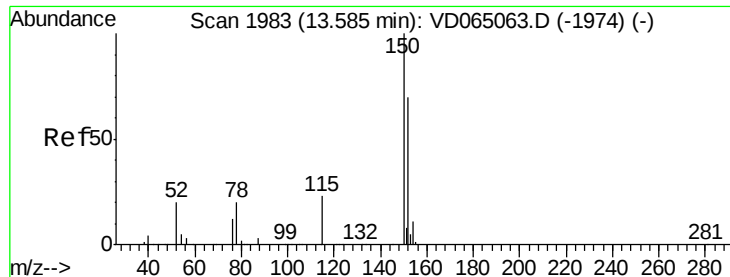
Tot Ion: 95 Resp: 351076
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.0
176 87.8 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

Tgt Ion: 117 Resp: 811067
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 31.2 26.0 39.0



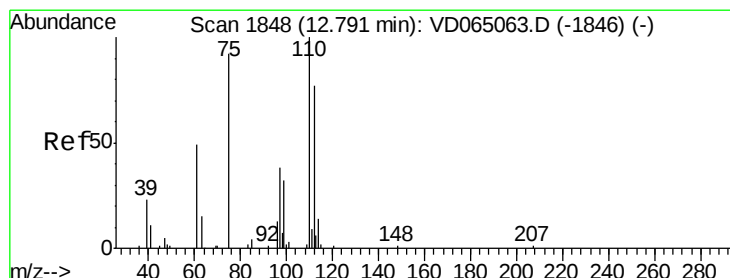
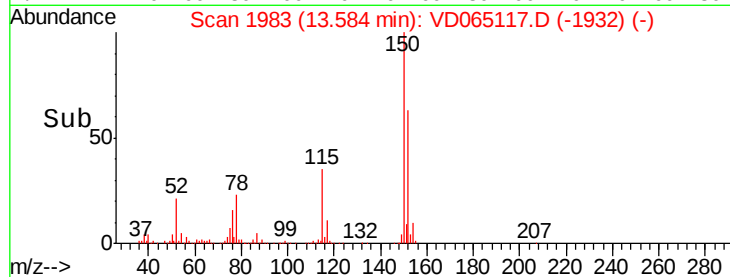
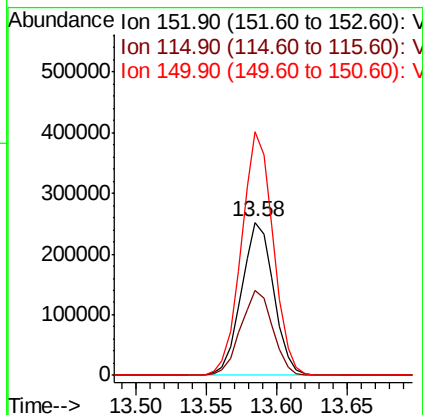
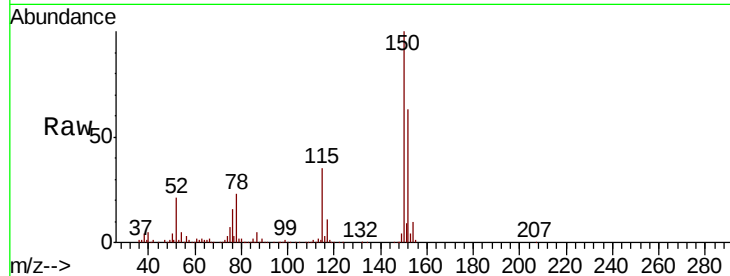


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

Instrument :
MSVOA_D
ClientSampleId :

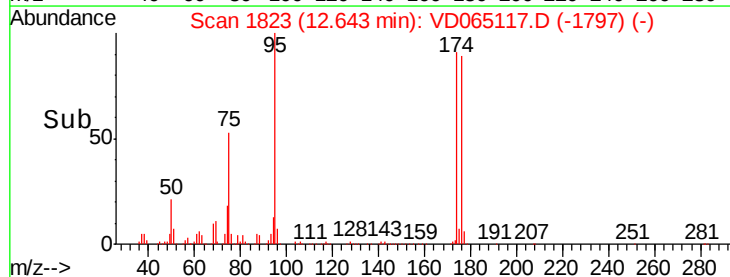
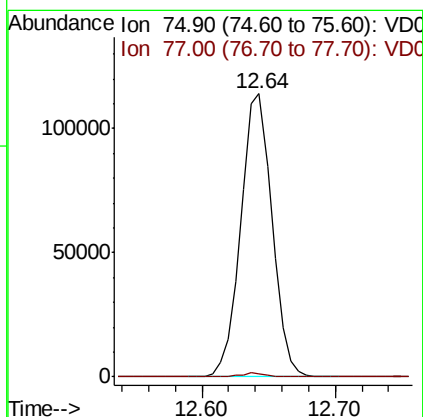
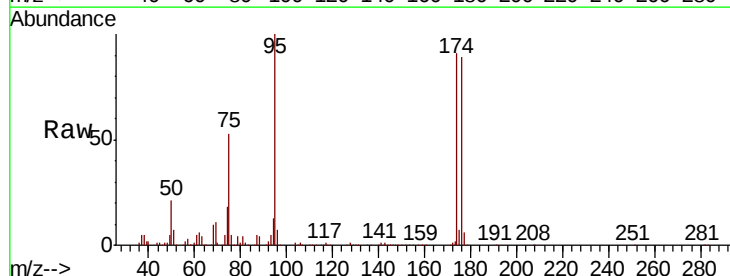
Tot Ion:152 Resp: 403310
Ion Ratio Lower Upper
152 100
115 55.4 27.5 82.4
150 156.5 0.0 343.2

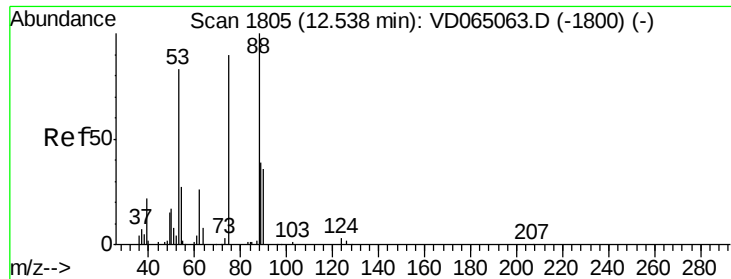


#76

1,2,3-Trichloropropane
Concen: 60.441 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065117.D
Acq: 07 Feb 2020 18:43

Tgt Ion: 75 Resp: 184556
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 120.877 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065117.D

Acq: 07 Feb 2020 18:43

Instrument :

MSVOA_D

ClientSampleId :

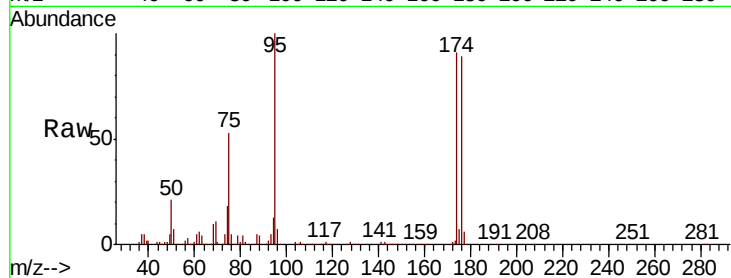
Tot Ion: 75 Resp: 184556

Ion Ratio Lower Upper

75 100

53 0.1 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

