

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065225.D
 Acq On : 18 Feb 2020 18:13
 Operator : VA/SY
 Sample : L1573-02
 Misc : 7.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOC-1

Quant Time: Feb 19 03:32:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

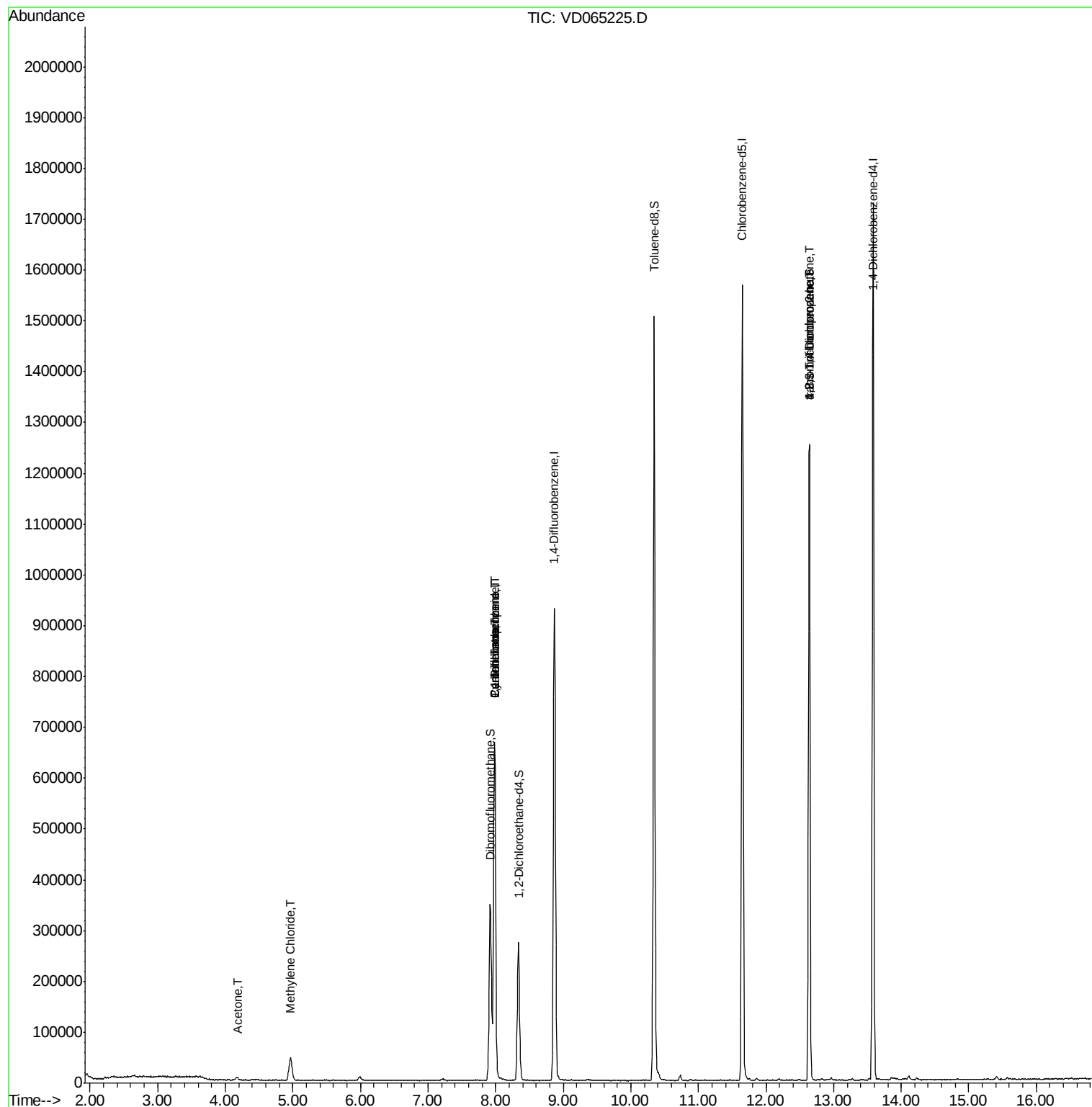
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	515446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	831267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	906945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	460939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	219162	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	7.92	113	250993	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.34	98	1025928	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.64	95	409481	66.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.42%	
Target Compounds						
					Qvalue	
16) Acetone	4.18	43	11366	10.027	ug/l	90
20) Methylene Chloride	4.97	84	36582	2.909	ug/l	91
31) Cyclohexane	7.98	56	10431	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	37757	4.668	ug/l #	50
38) Carbon Tetrachloride	7.98	117	49366	5.996	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	202074	51.526	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	202074	111.253	ug/l #	11

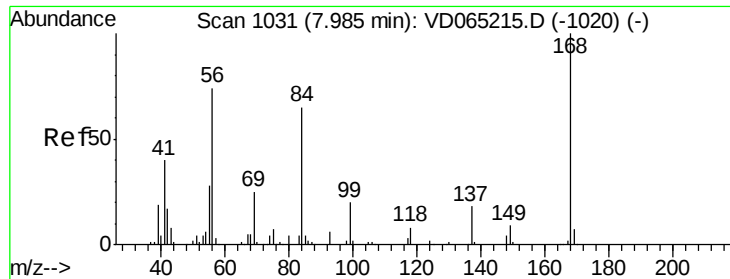
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021820\
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MSVOA_D
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 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: VD065225.D

Acq: 18 Feb 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

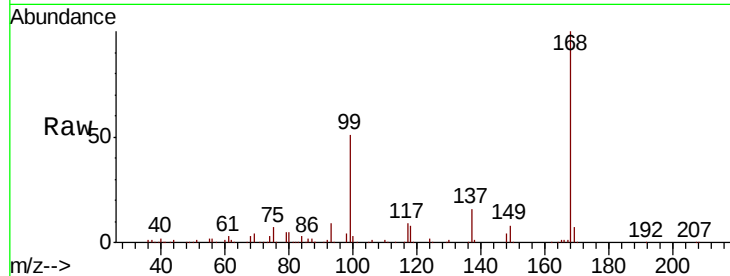
LOC-1

Tot Ion:168 Resp: 515446

Ion Ratio Lower Upper

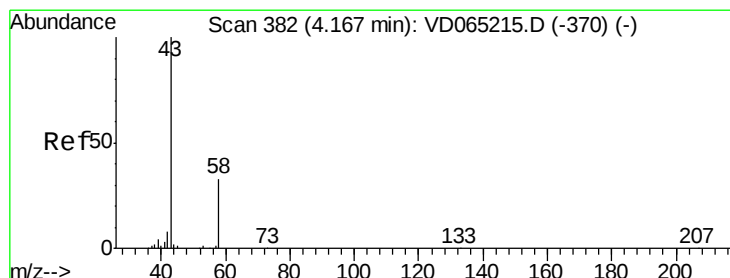
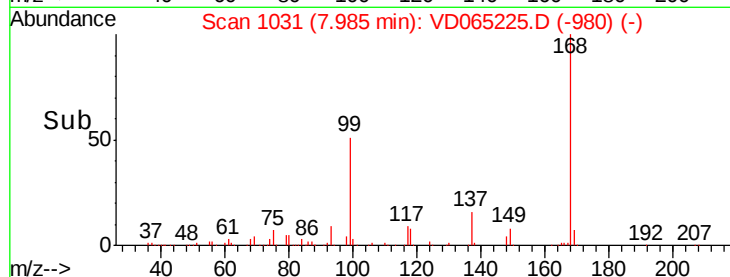
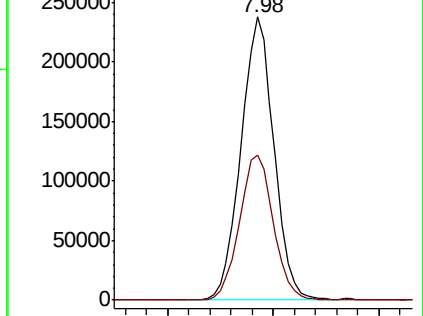
168 100

99 51.1 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 10.027 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD065225.D

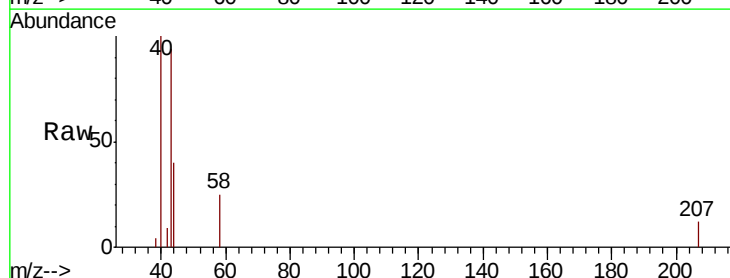
Acq: 18 Feb 2020 18:13

Tgt Ion: 43 Resp: 11366

Ion Ratio Lower Upper

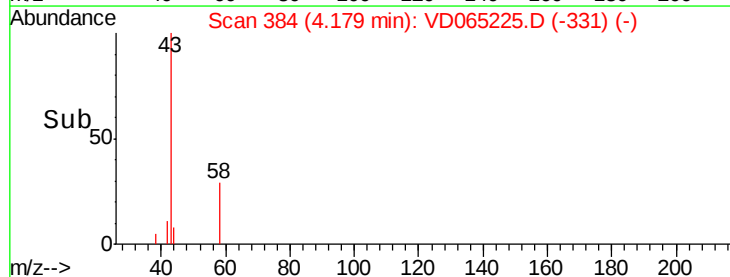
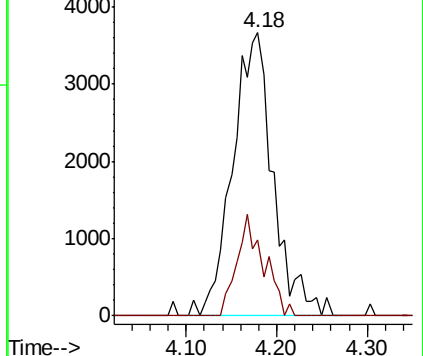
43 100

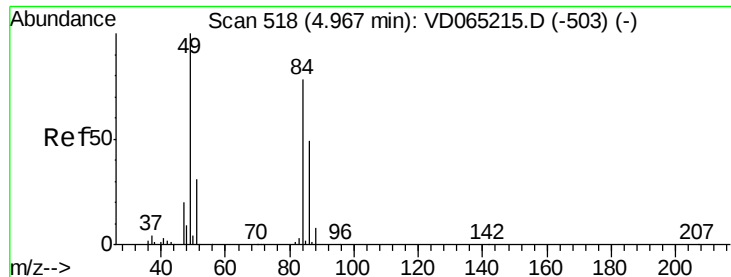
58 26.8 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

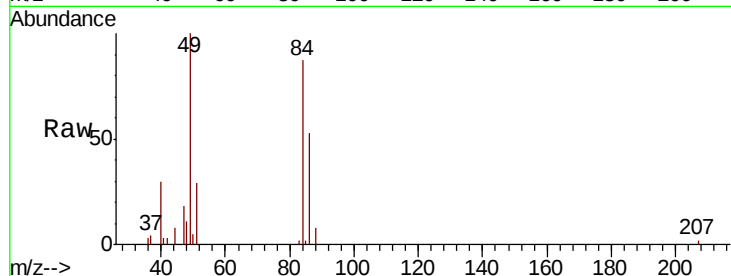




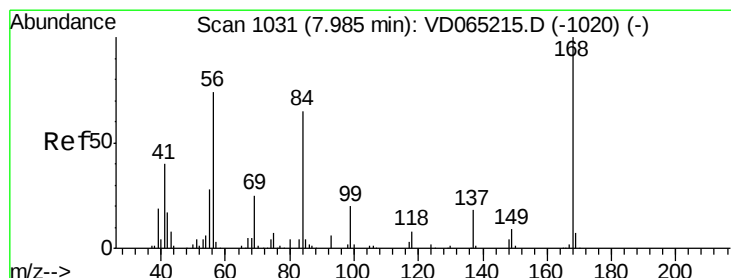
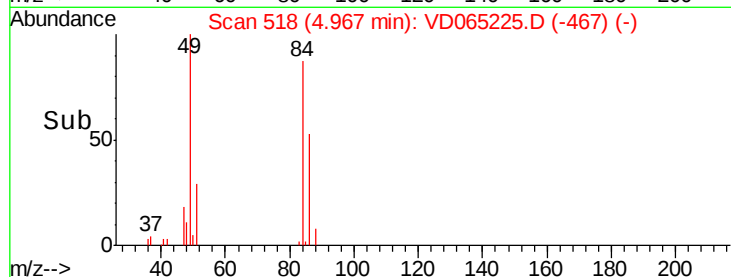
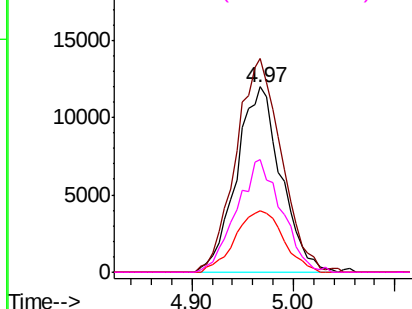
#20
Methvlene Chloride
Concen: 2.909 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
LOC-1

Tot Ion: 84 Resp: 36582
Ion Ratio Lower Upper
84 100
49 115.4 103.1 154.7
51 33.4 31.7 47.5
86 61.1 50.9 76.3

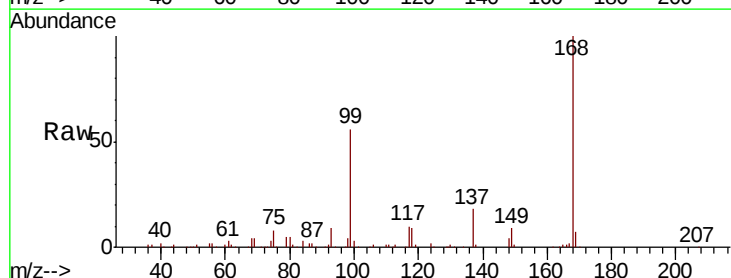


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

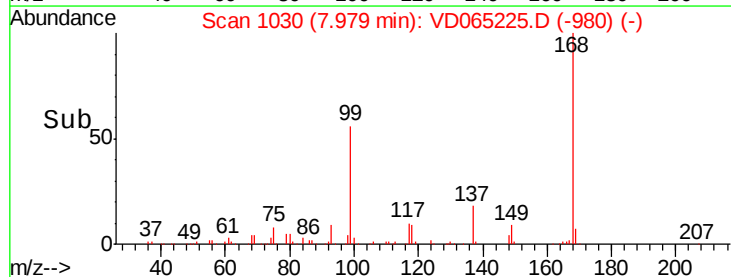
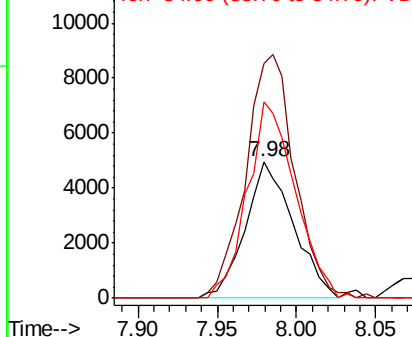


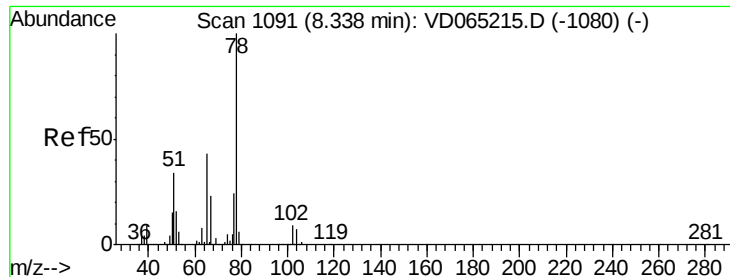
#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Tgt Ion: 56 Resp: 10431
Ion Ratio Lower Upper
56 100
69 171.3 27.4 41.0#
84 143.4 71.1 106.7#



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

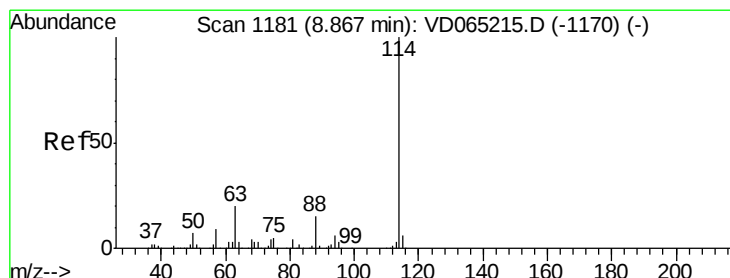
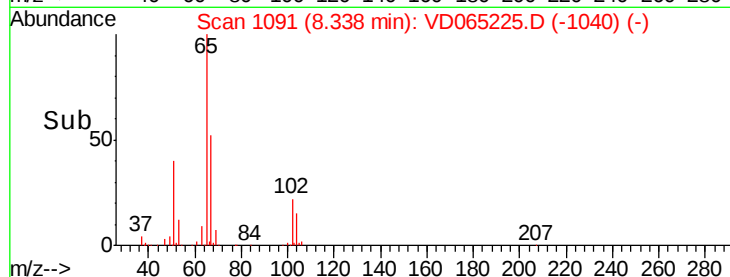
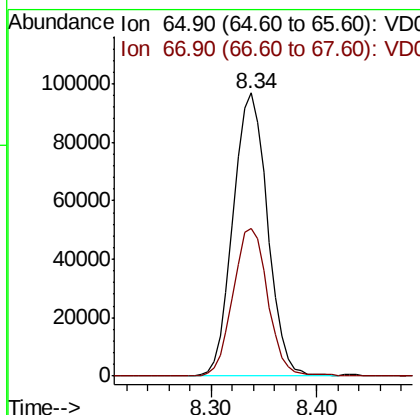
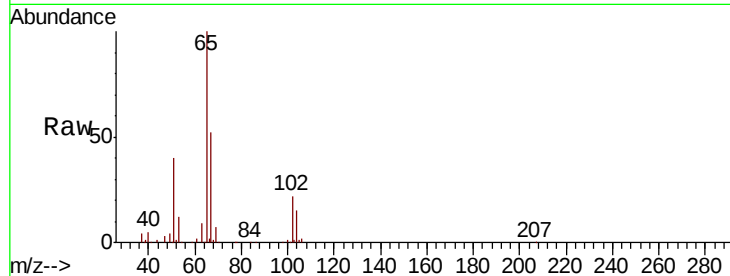




#33
 1,2-Dichloroethane-d4
 Concen: 47.264 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065225.D
 Acq: 18 Feb 2020 18:13

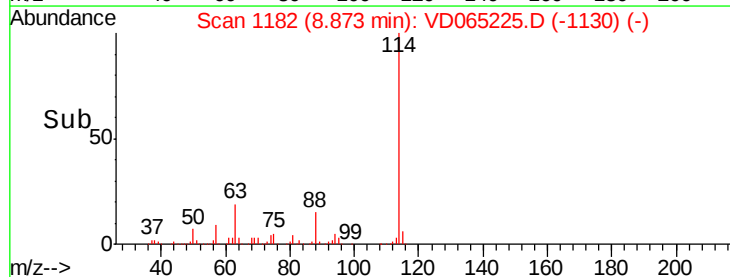
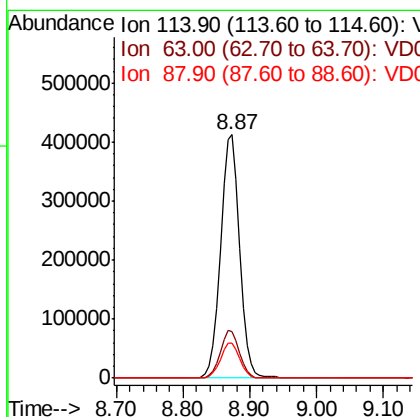
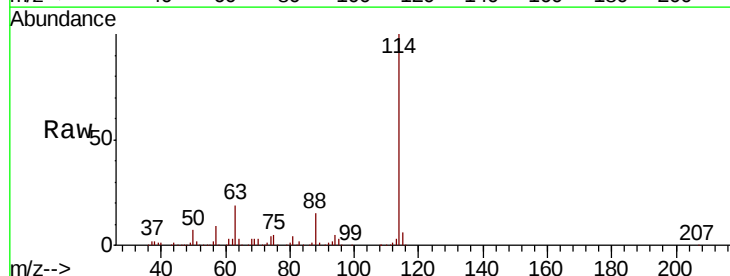
Instrument :
 MSVOA_D
 ClientSampled :
 LOC-1

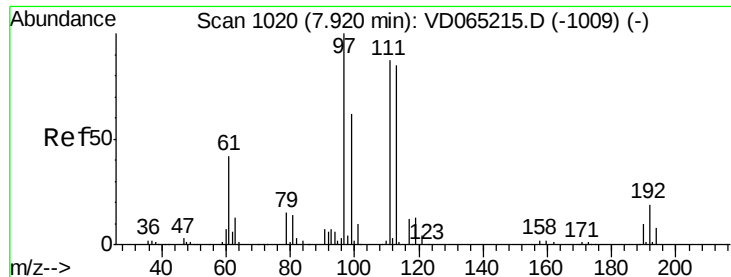
Tot Ion: 65 Resp: 219162
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065225.D
 Acq: 18 Feb 2020 18:13

Tgt Ion: 114 Resp: 831267
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.4
 88 14.6 0.0 30.4

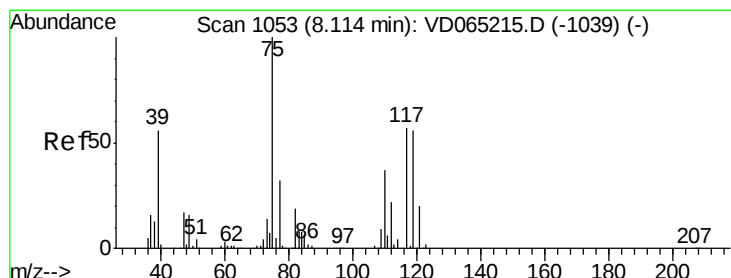
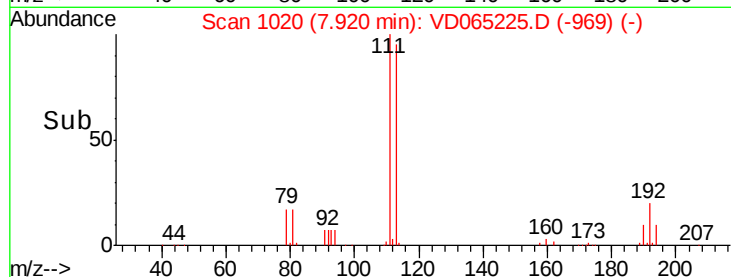
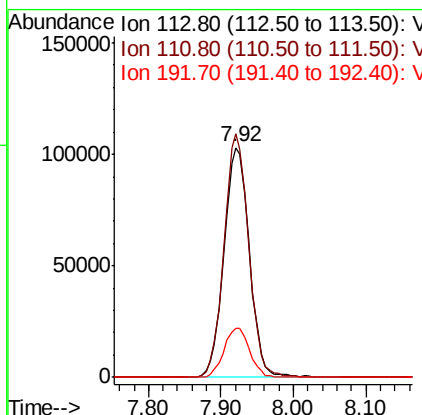
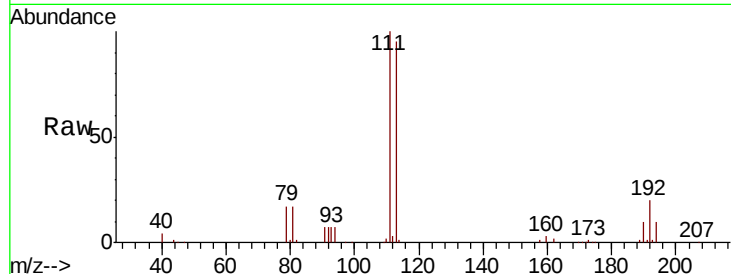




#35
 Dibromofluoromethane
 Concen: 49.519 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065225.D
 Acq: 18 Feb 2020 18:13

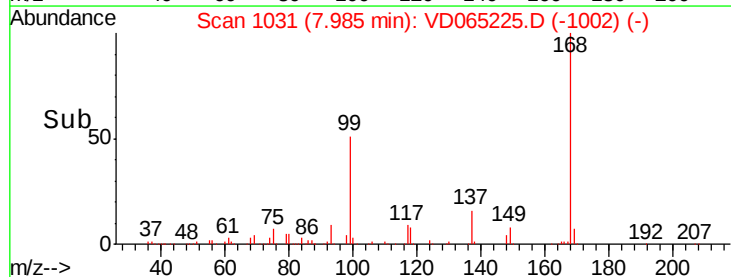
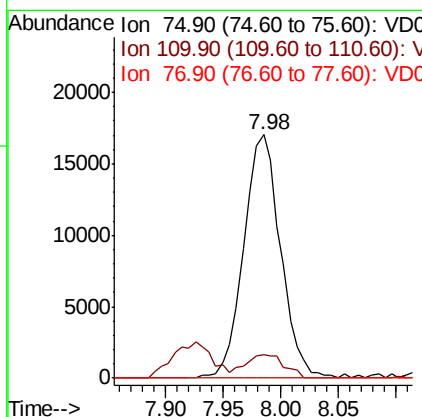
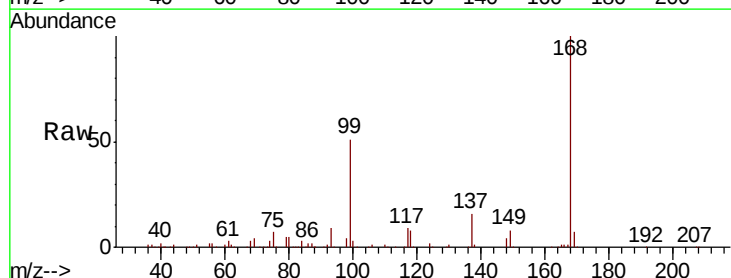
Instrument :
 MSVOA_D
 ClientSampleId :
 LOC-1

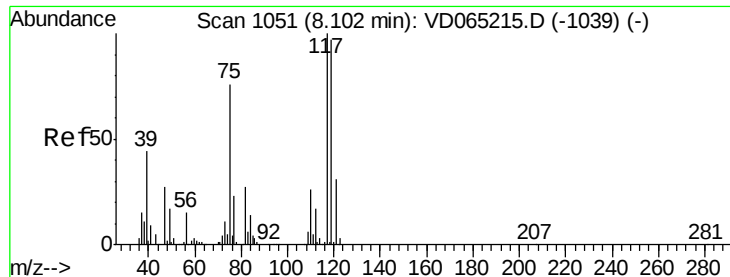
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	21.6	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.668 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065225.D
 Acq: 18 Feb 2020 18:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.9	53.7#
77	0.0	25.1	37.7#

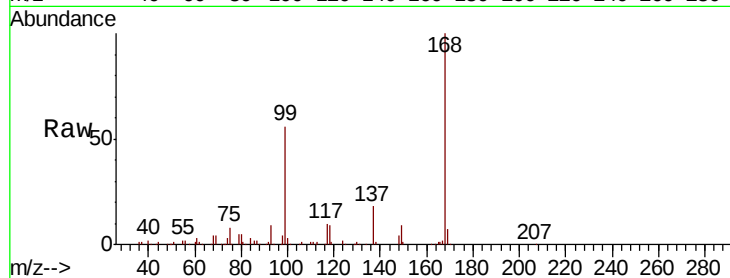




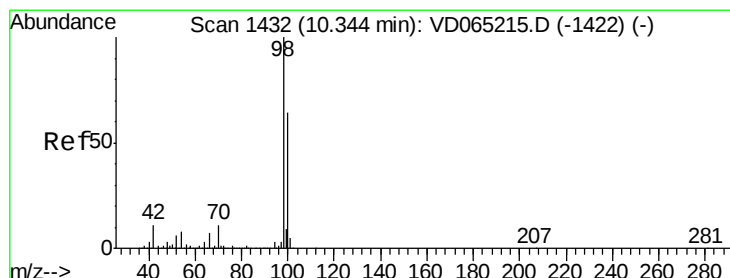
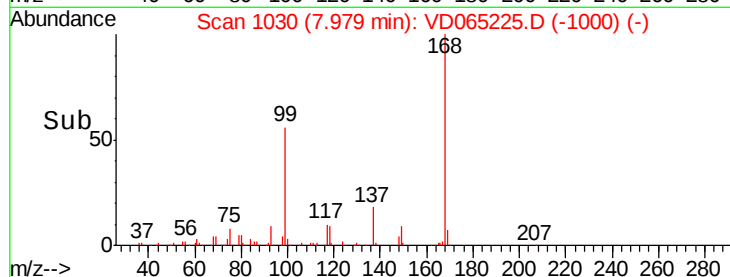
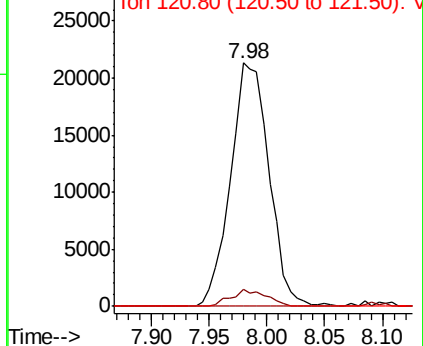
#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
LOC-1

Tot Ion:117 Resp: 49366
Ion Ratio Lower Upper
117 100
119 6.8 77.6 116.4#
121 0.0 24.8 37.2#

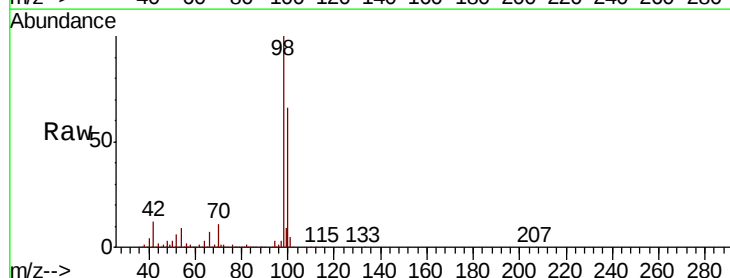


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

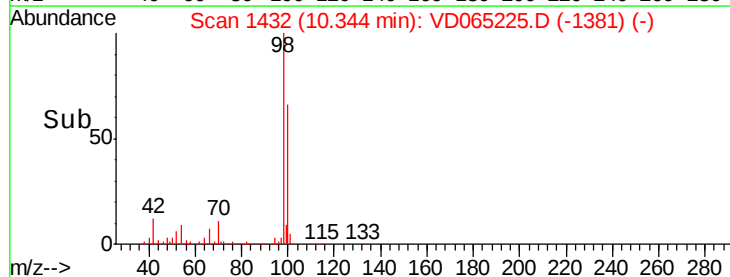
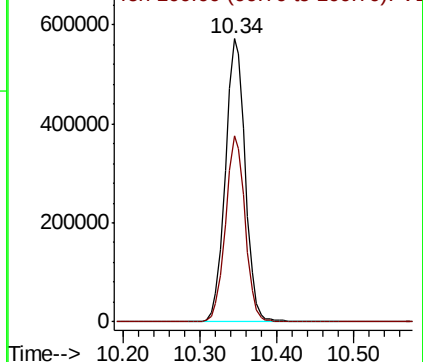


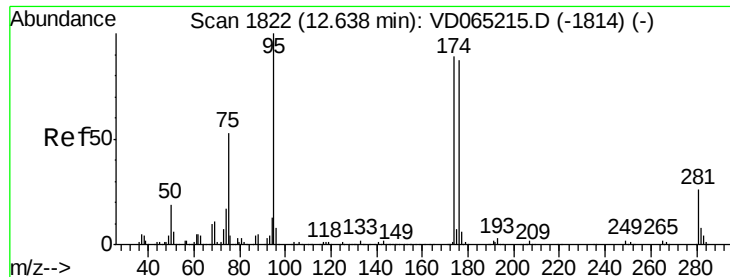
#50
Toluene-d8
Concen: 52.947 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Tgt Ion: 98 Resp: 1025928
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



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

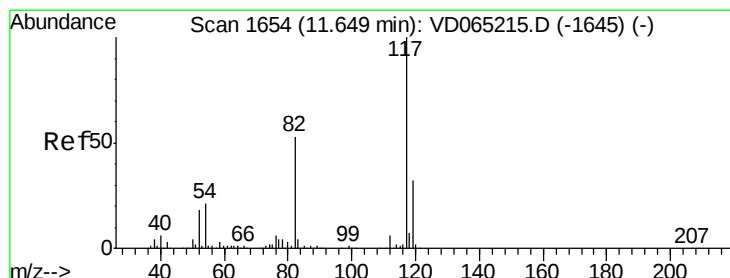
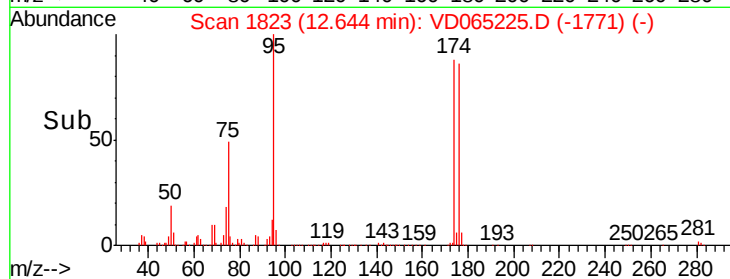
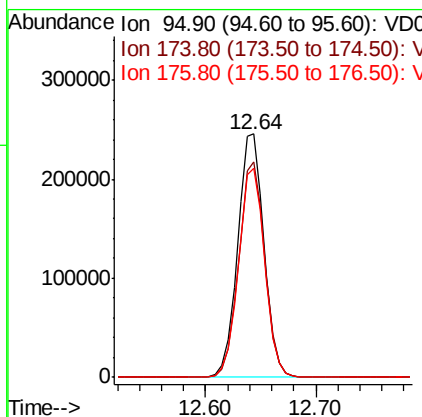
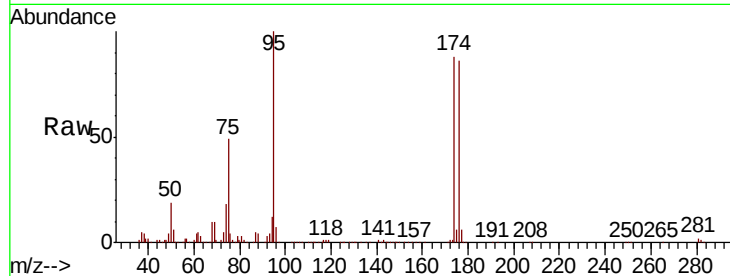




#62
4-Bromofluorobenzene
Concen: 66.708 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

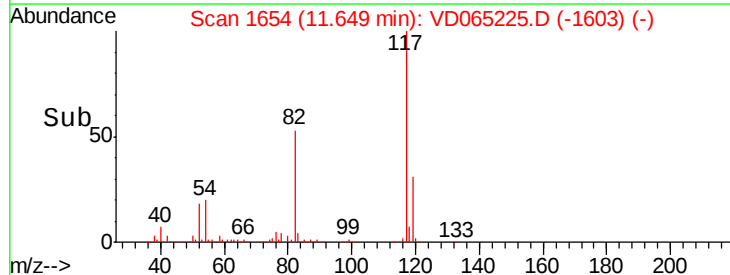
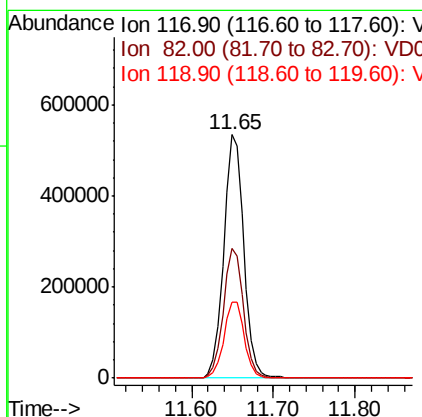
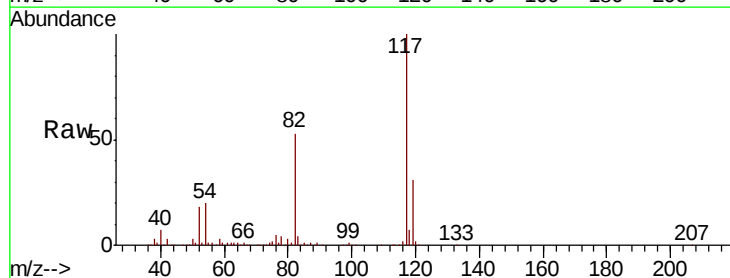
Instrument :
MSVOA_D
ClientSampleId :
LOC-1

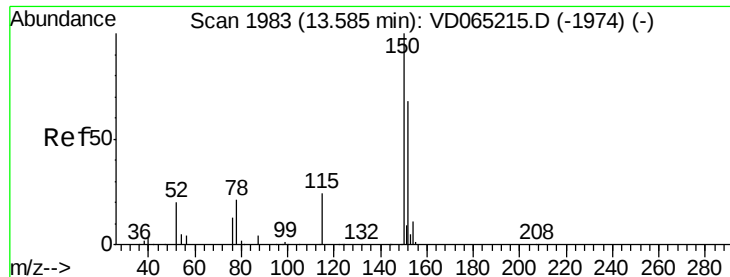
Tot Ion: 95 Resp: 409481
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.0
176 85.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Tgt Ion: 117 Resp: 906945
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 31.4 25.5 38.3



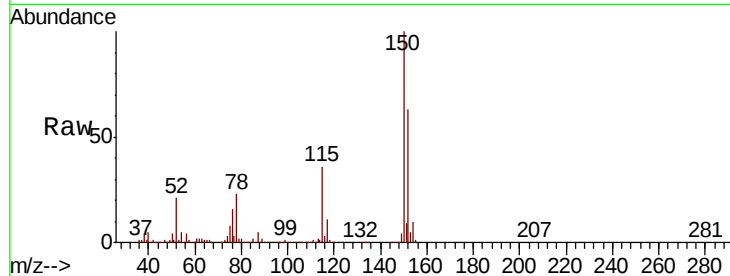


#72

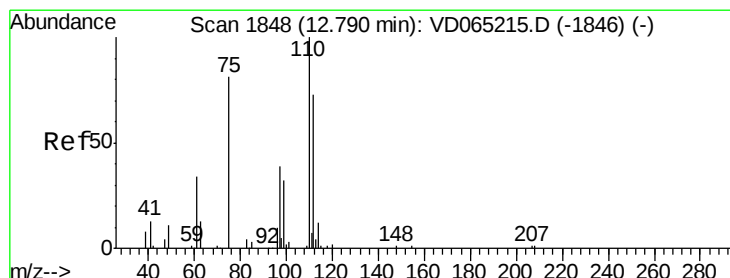
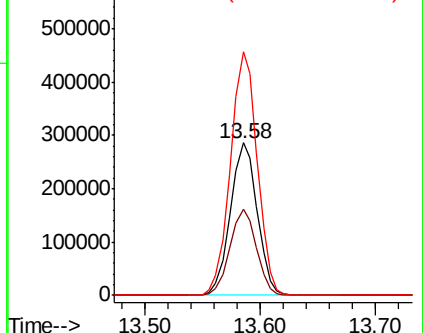
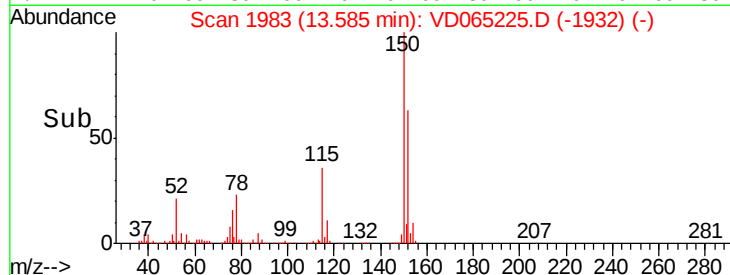
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
LOC-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.6	82.8
150	158.9	0.0	347.4



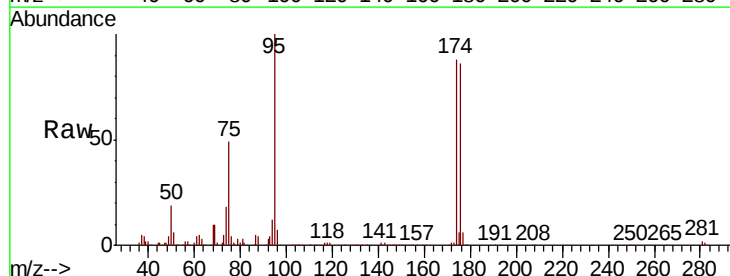
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



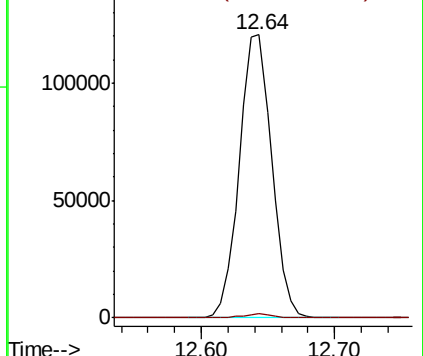
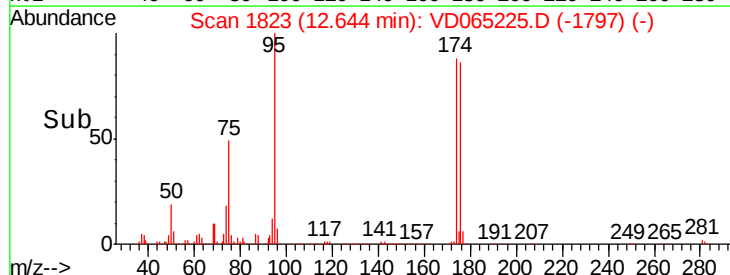
#76

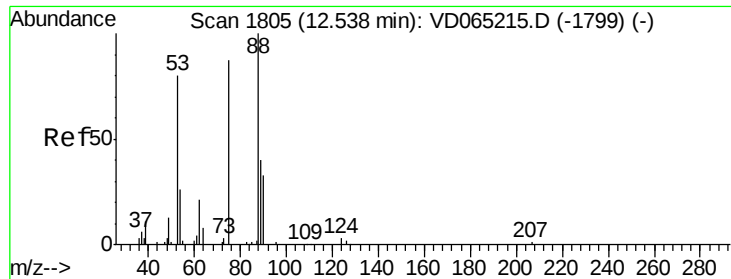
1,2,3-Trichloropropane
Concen: 51.526 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065225.D
Acq: 18 Feb 2020 18:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 111.253 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065225.D

Acq: 18 Feb 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

LOC-1

Tot Ion: 75 Resp: 202074

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 37.2 55.8#

