

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065911.D
 Acq On : 01 Jul 2020 17:36
 Operator : VA/SY
 Sample : L3172-12
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-SS

Quant Time: Jul 02 04:46:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

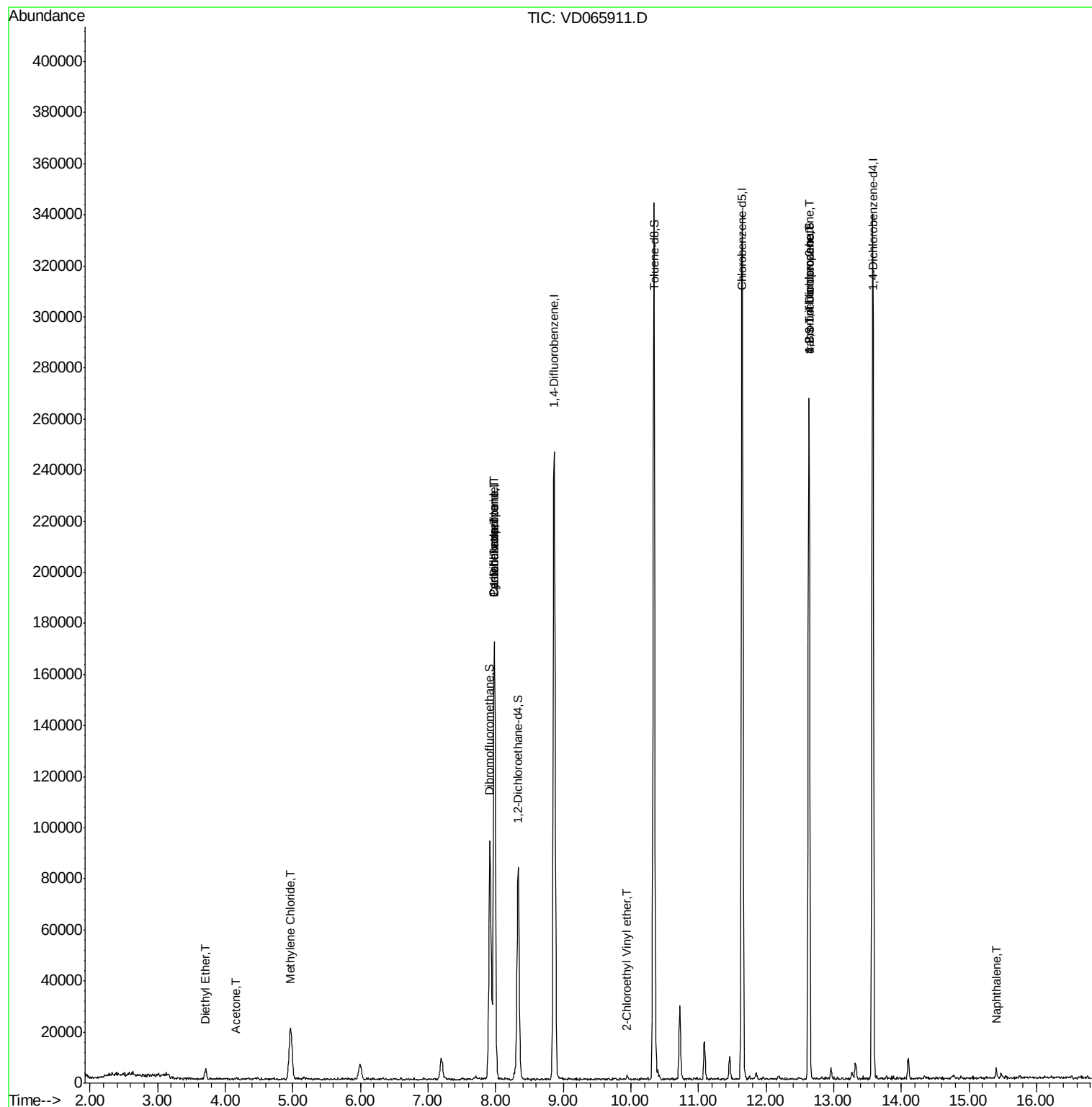
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	121964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	210403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	189714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	85529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	68316	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
35) Dibromofluoromethane	7.91	113	64753	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.34	98	225062	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.64	95	73040	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.71	74	2108	3.538	ug/l	89
11) Tert butyl alcohol	5.20	59	173	Below Cal	#	69
16) Acetone	4.16	43	1004	4.044	ug/l #	51
20) Methylene Chloride	4.97	84	15677	7.498	ug/l	84
31) Cyclohexane	7.98	56	3413	1.504	ug/l #	46
36) 1,1-Dichloropropene	7.98	75	10378	5.058	ug/l #	48
38) Carbon Tetrachloride	7.98	117	13126	5.925	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.94	63	573	1.051	ug/l #	46
76) 1,2,3-Trichloropropane	12.64	75	41668	55.676	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	41668	119.613	ug/l #	10
95) Naphthalene	15.41	128	3349	1.255	ug/l #	88

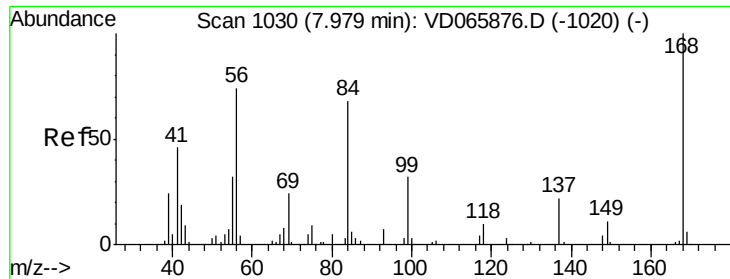
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070120\
Data File : VD065911.D
Acq On : 01 Jul 2020 17:36
Operator : VA/SY
Sample : L3172-12
Misc : 5.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

Quant Time: Jul 02 04:46:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration

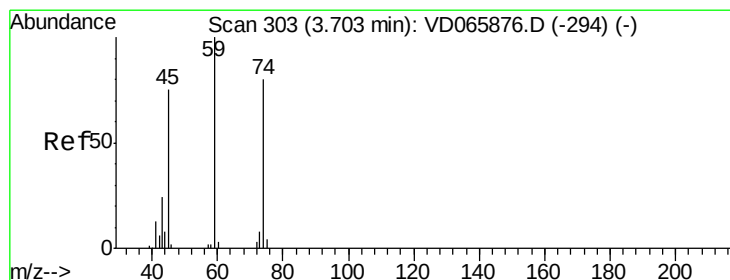
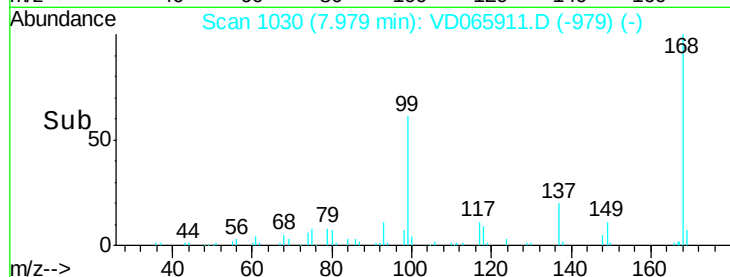
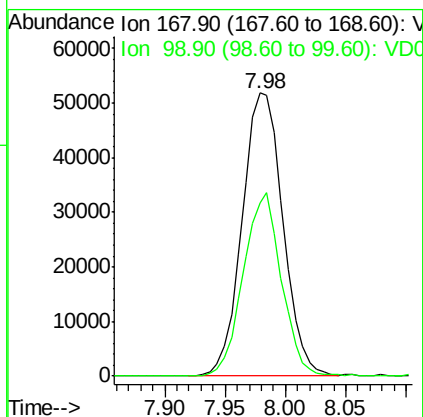
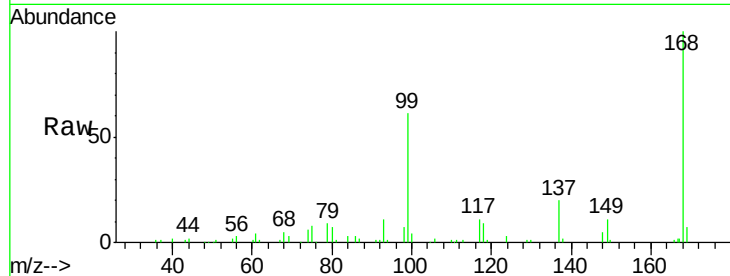




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

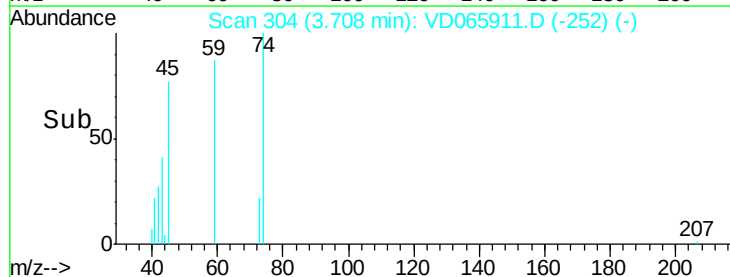
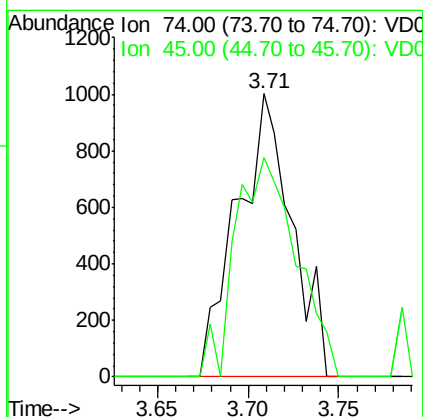
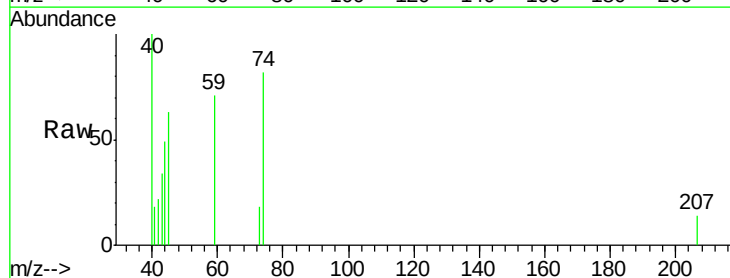
Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

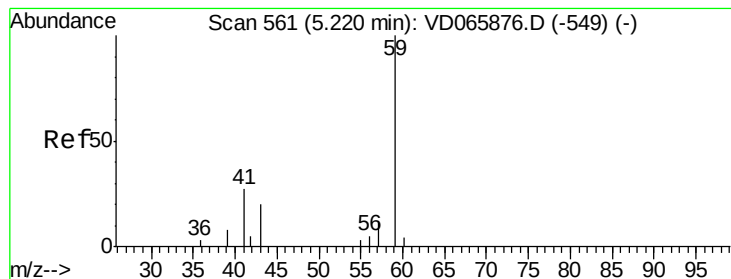
Tot Ion:168 Resp: 121964
Ion Ratio Lower Upper
168 100
99 61.4 51.3 76.9



#8
Diethyl Ether
Concen: 3.538 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt Ion: 74 Resp: 2108
Ion Ratio Lower Upper
74 100
45 86.8 48.6 145.8



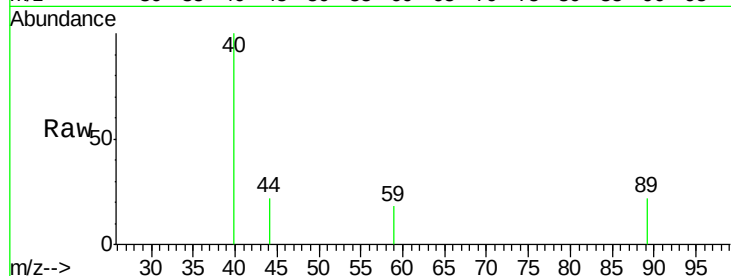


#11

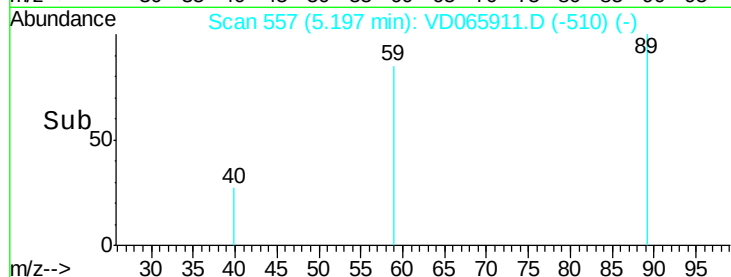
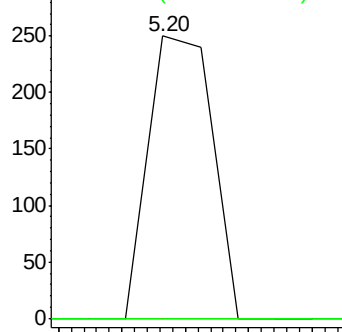
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.20 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: VD065911.D
 Acq: 01 Jul 2020 17:36

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-SS

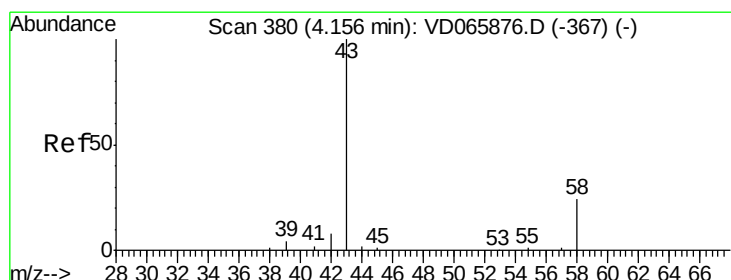
Tot Ion: 59 Resp: 173
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.7 14.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



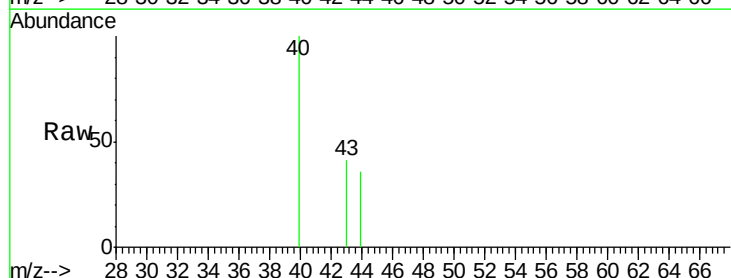
Time-->



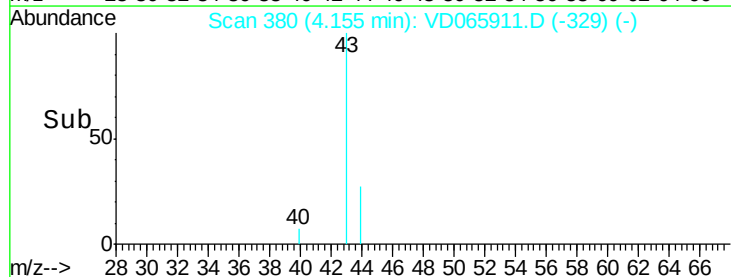
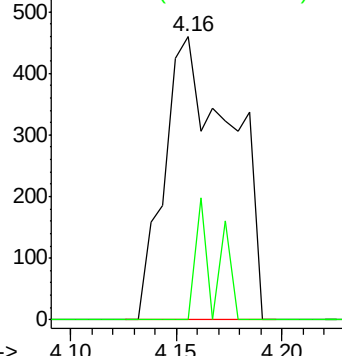
#16

Acetone
 Concen: 4.044 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD065911.D
 Acq: 01 Jul 2020 17:36

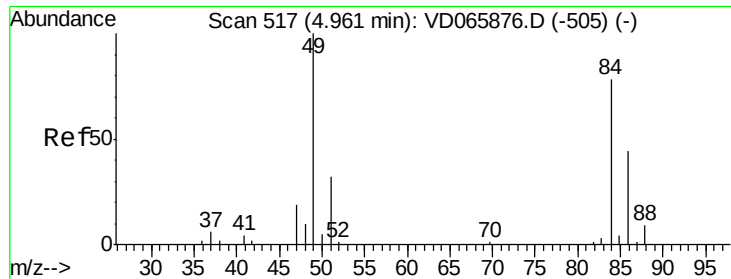
Tgt Ion: 43 Resp: 1004
 Ion Ratio Lower Upper
 43 100
 58 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC



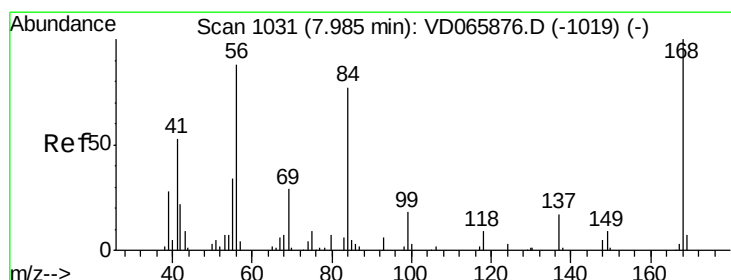
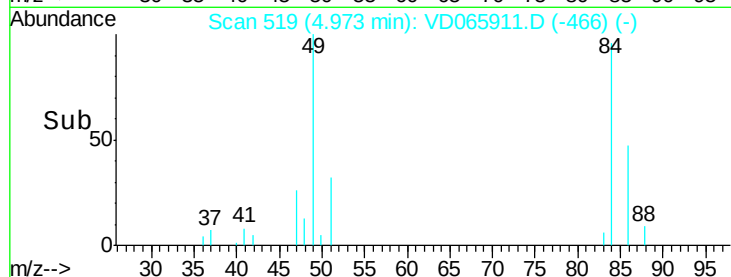
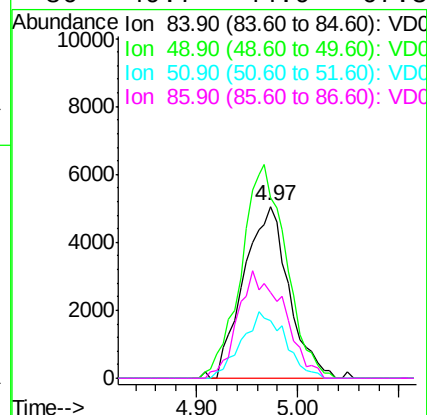
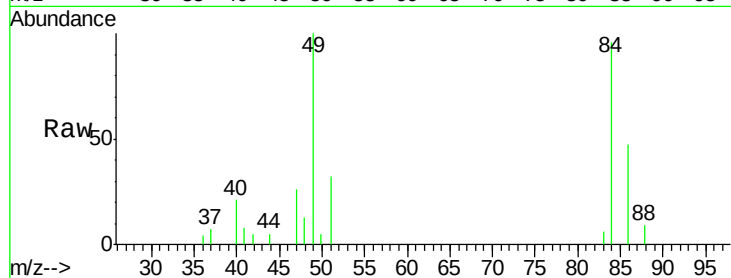
Time-->



#20
Methvlene Chloride
Concen: 7.498 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

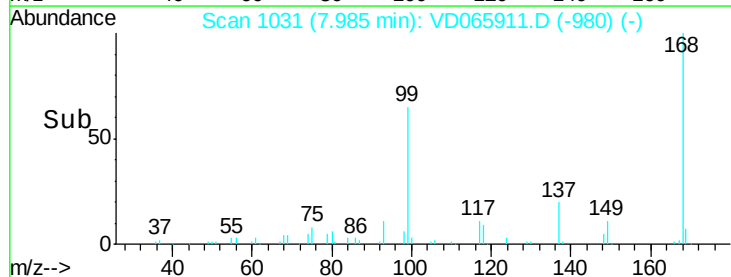
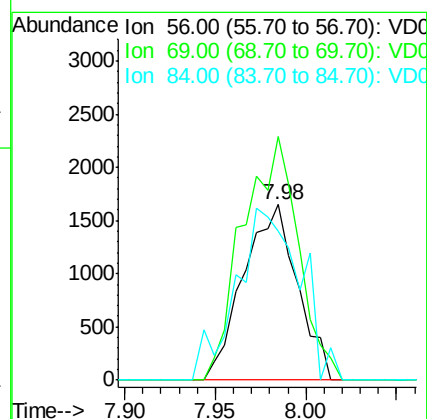
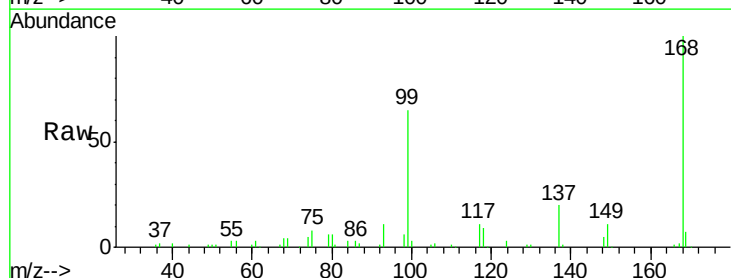
Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

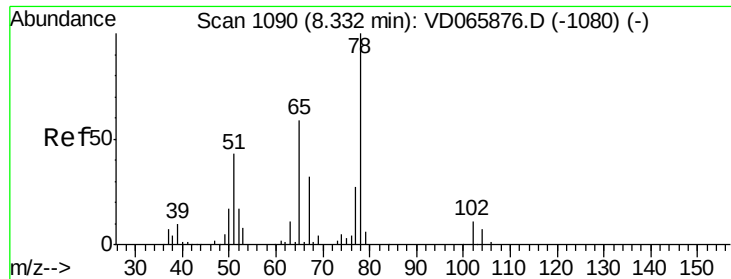
Tot Ion: 84	Resp: 15677
Ion Ratio	Lower Upper
84 100	
49 104.7	103.0 154.6
51 33.3	32.7 49.1
86 49.7	44.9 67.3



#31
Cyclohexane
Concen: 1.504 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt	Ion: 56	Resp:	3413
Ion	Ratio	Lower	Upper
56	100		
69	138.9	26.2	39.4#
84	84.6	70.3	105.5

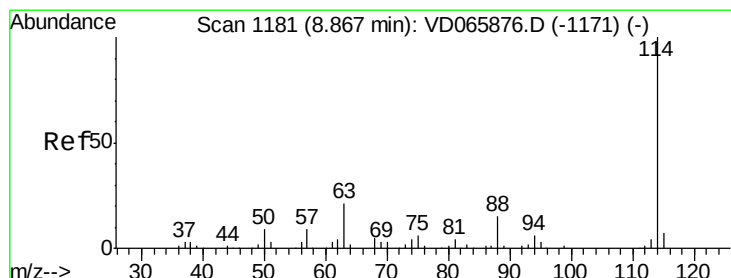
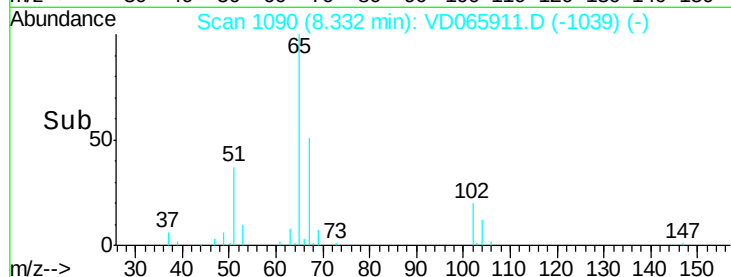
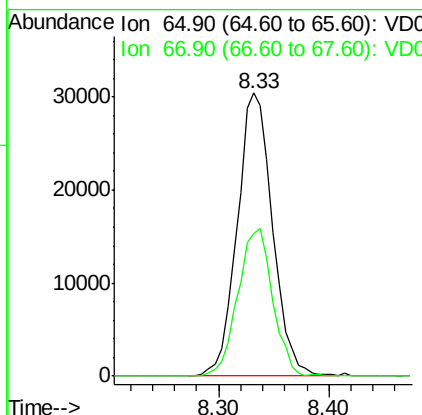
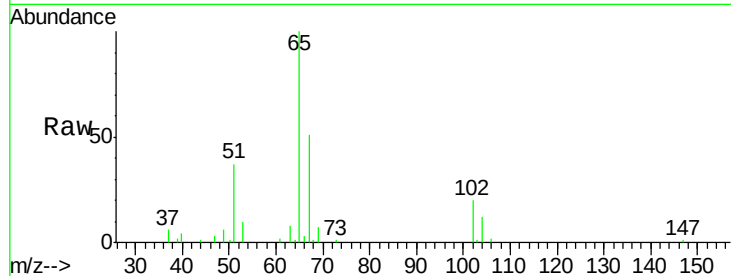




#33
 1,2-Dichloroethane-d4
 Concen: 53.916 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065911.D
 Acq: 01 Jul 2020 17:36

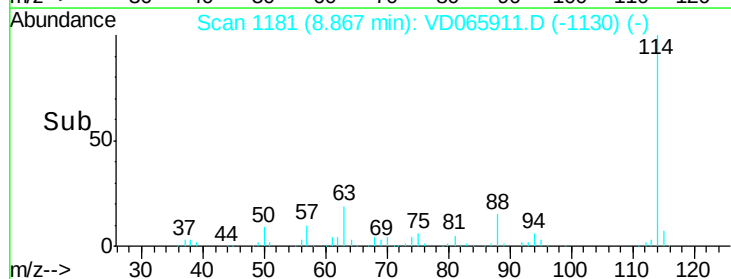
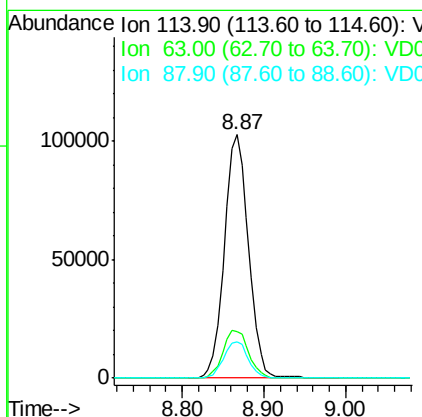
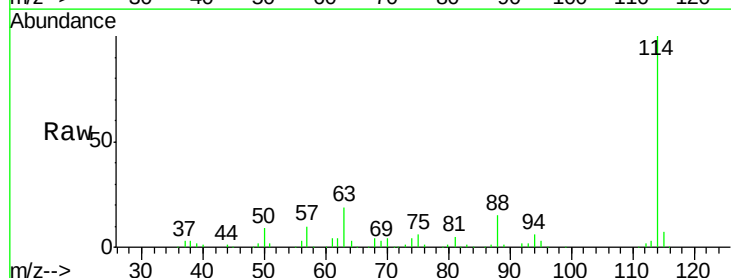
Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-SS

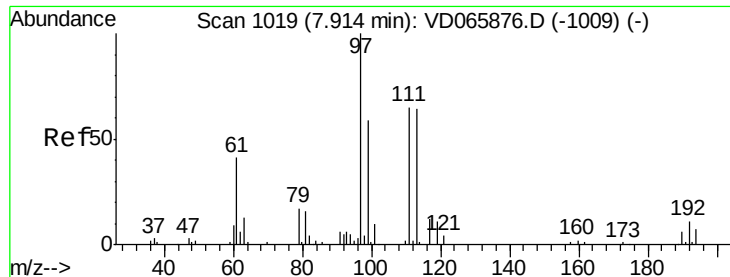
Tot Ion: 65 Resp: 68316
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065911.D
 Acq: 01 Jul 2020 17:36

Tgt Ion: 114 Resp: 210403
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.6
 88 14.8 0.0 29.0

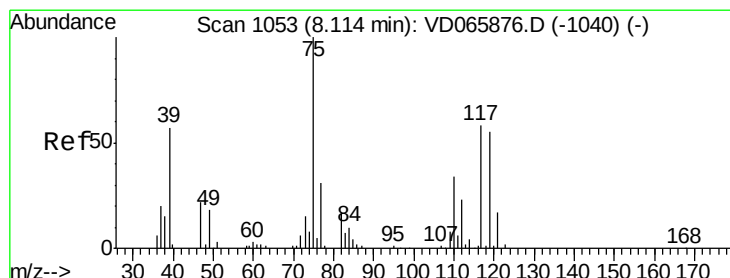
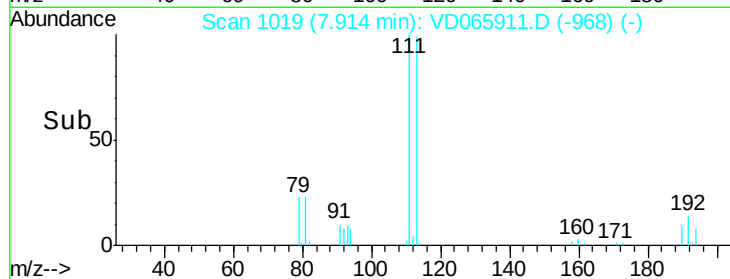
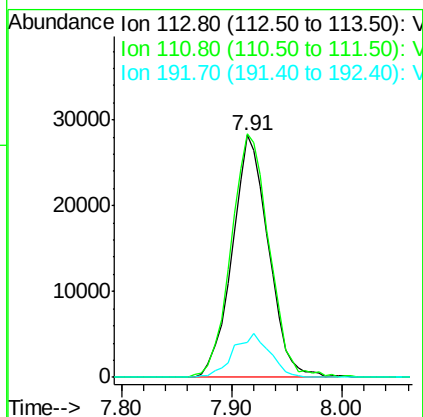
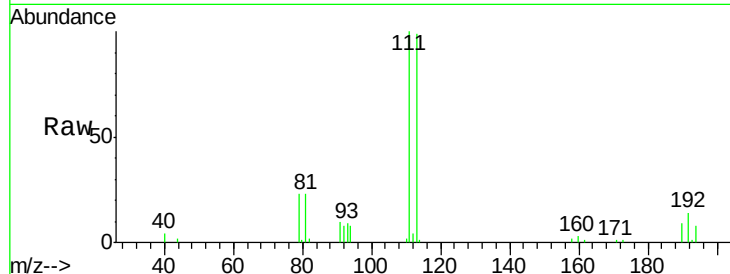




#35
Dibromofluoromethane
Concen: 49.790 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

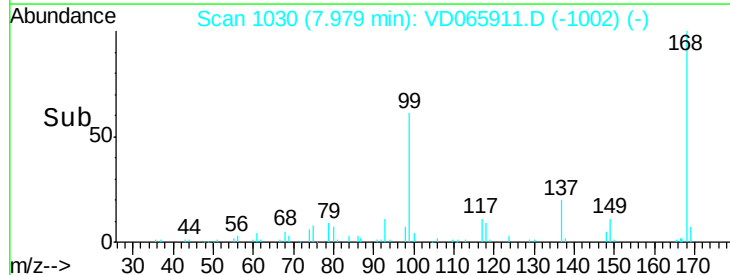
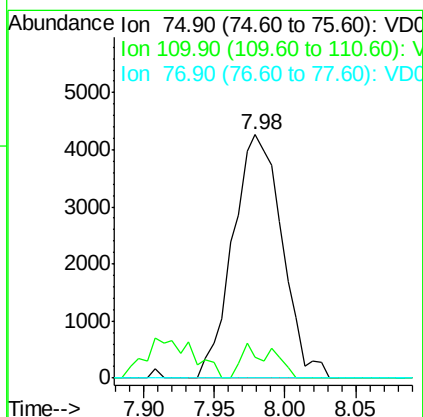
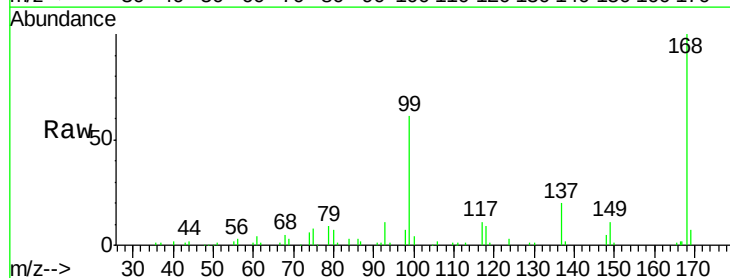
Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

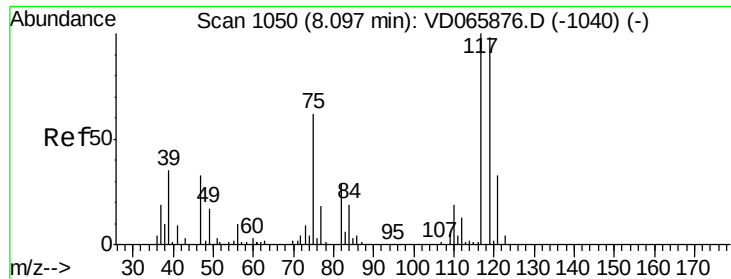
Tot Ion:113 Resp: 64753
Ion Ratio Lower Upper
113 100
111 105.7 81.0 121.6
192 18.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt Ion: 75 Resp: 10378
Ion Ratio Lower Upper
75 100
110 5.2 16.8 50.4#
77 0.0 24.0 36.0#

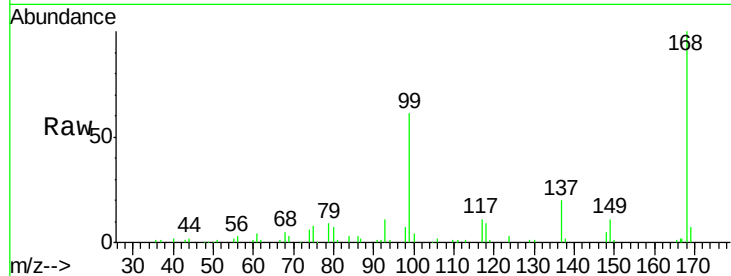




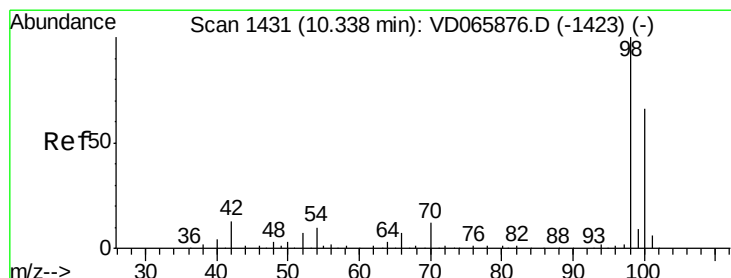
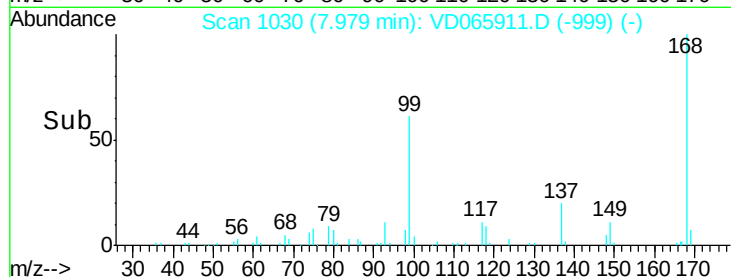
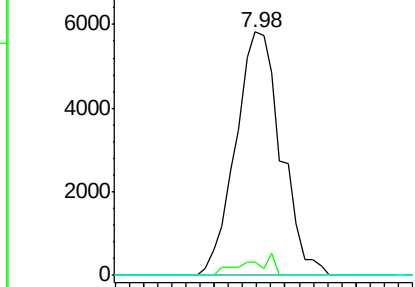
#38
Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

Tot Ion:117 Resp: 13126
Ion Ratio Lower Upper
117 100
119 5.4 78.6 117.8#
121 0.0 26.5 39.7#

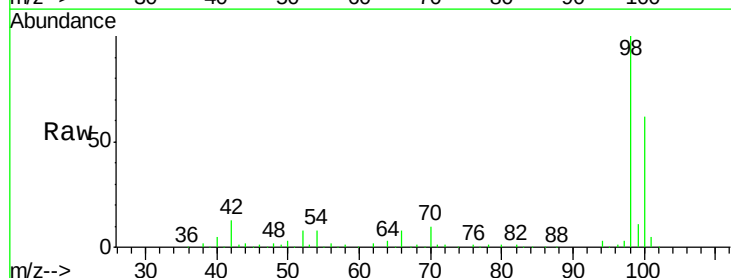


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

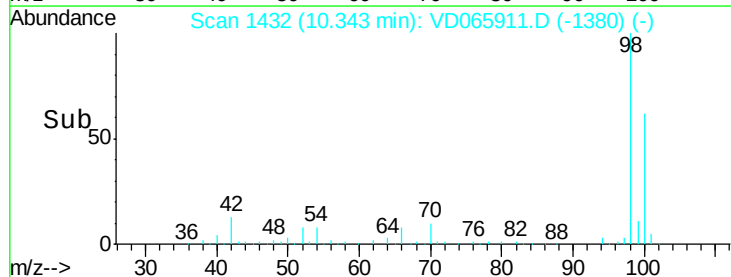
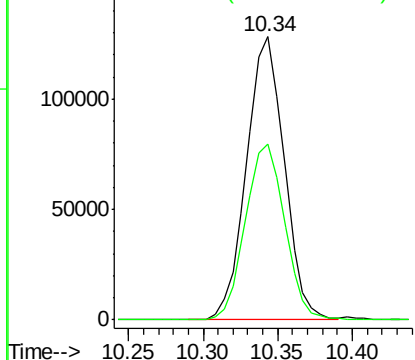


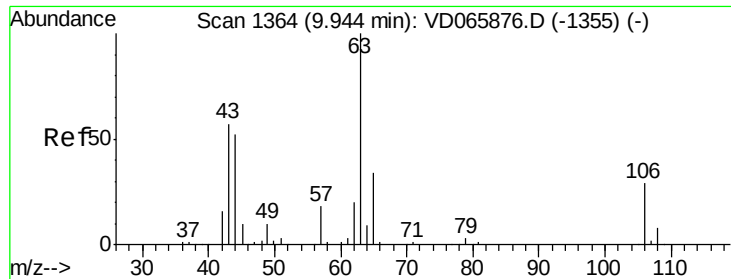
#50
Toluene-d8
Concen: 46.005 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt Ion: 98 Resp: 225062
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



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

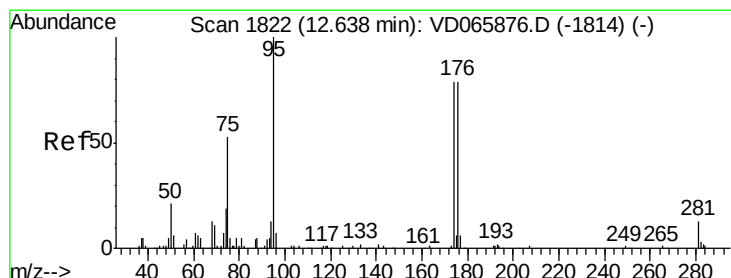
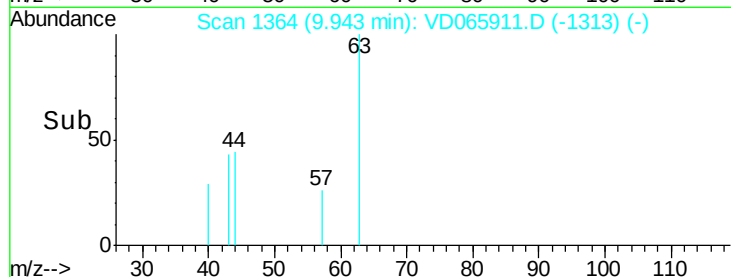
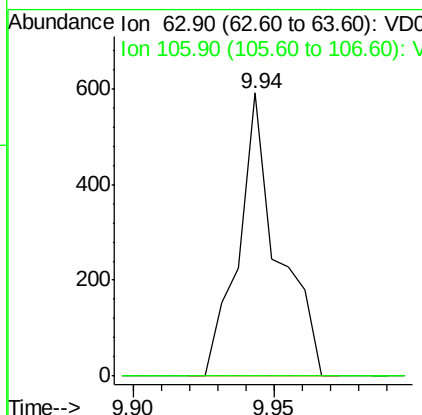
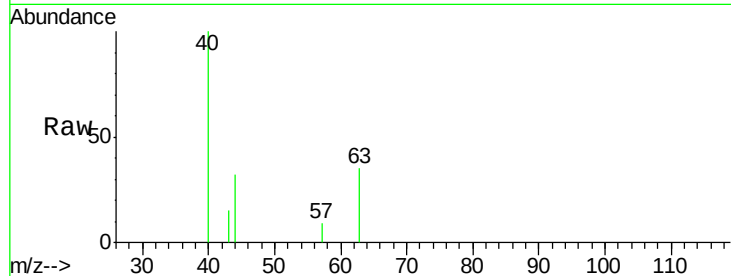




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.051 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065911.D
 Acq: 01 Jul 2020 17:36

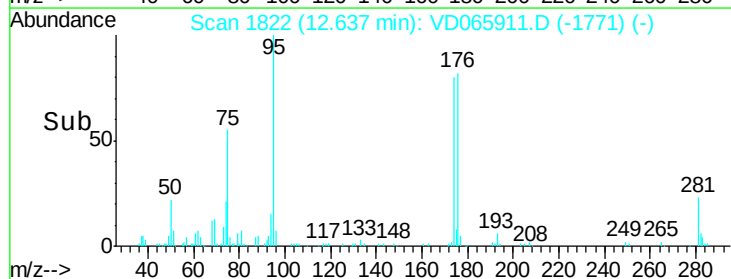
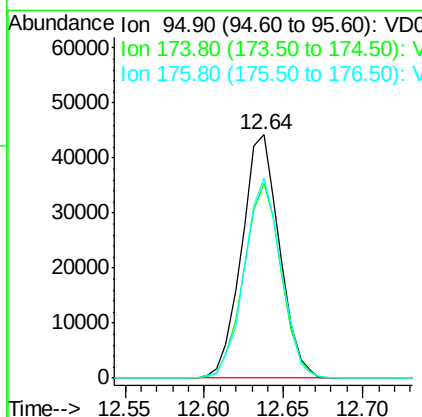
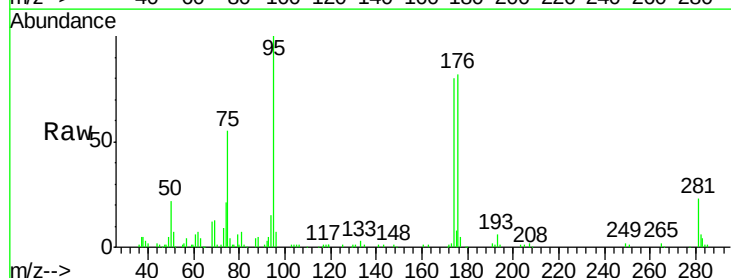
Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-SS

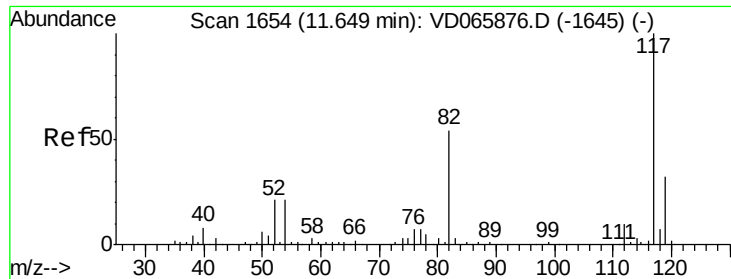
Tot Ion: 63 Resp: 573
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.6 34.0#



#62
 4-Bromofluorobenzene
 Concen: 45.574 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065911.D
 Acq: 01 Jul 2020 17:36

Tgt Ion: 95 Resp: 73040
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 158.4
 176 80.2 0.0 156.0

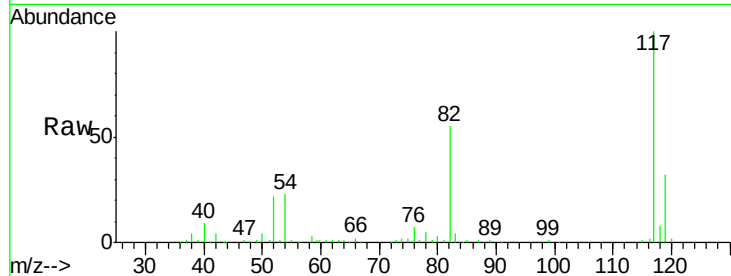




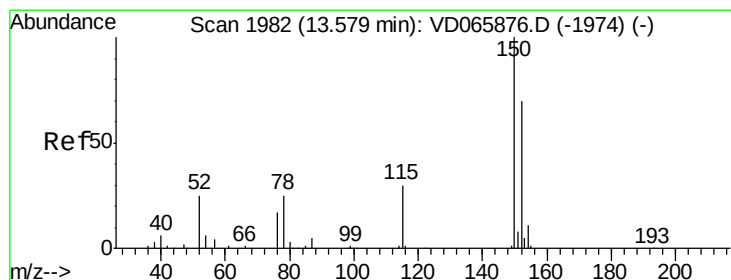
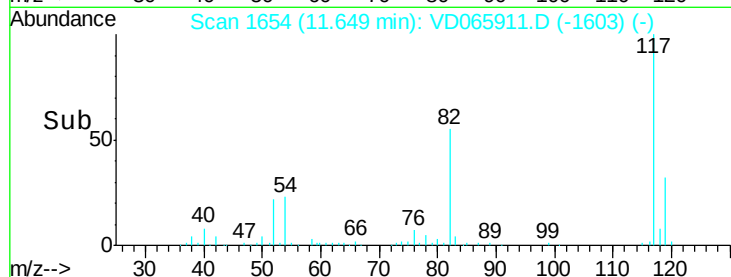
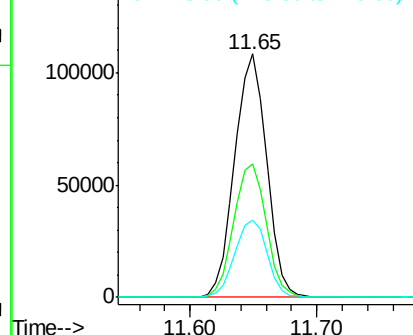
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

Tot Ion:117 Resp: 189714
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 31.5 25.9 38.9

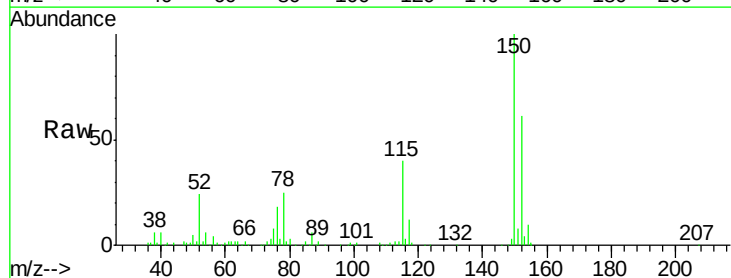


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

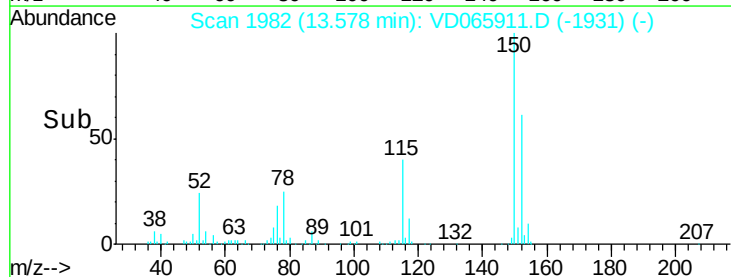
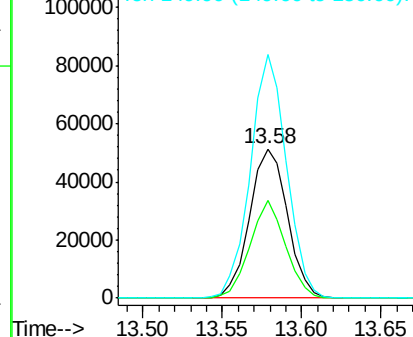


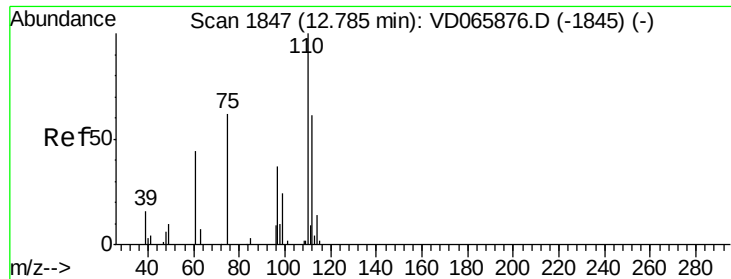
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Tgt Ion:152 Resp: 85529
Ion Ratio Lower Upper
152 100
115 61.0 29.7 89.1
150 155.4 0.0 346.2



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

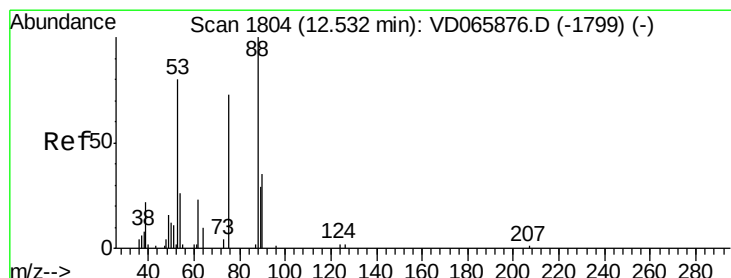
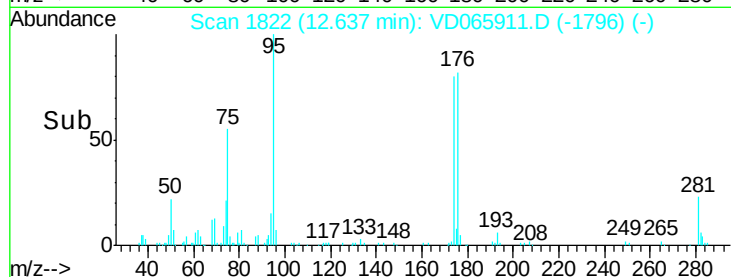
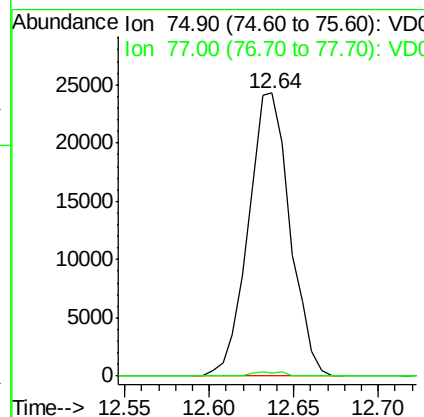
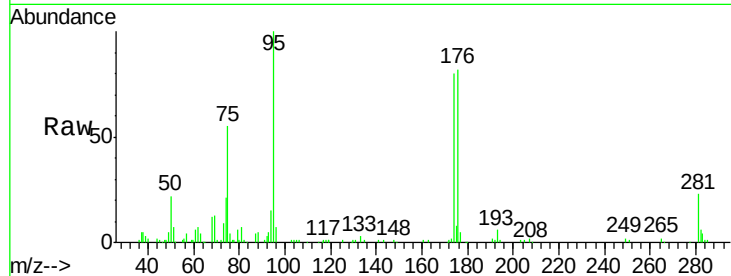




#76
 1,2,3-Trichloropropane
 Concen: 55.676 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065911.D
 Acq: 01 Jul 2020 17:36

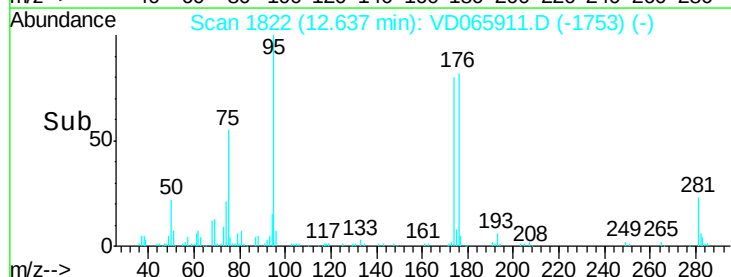
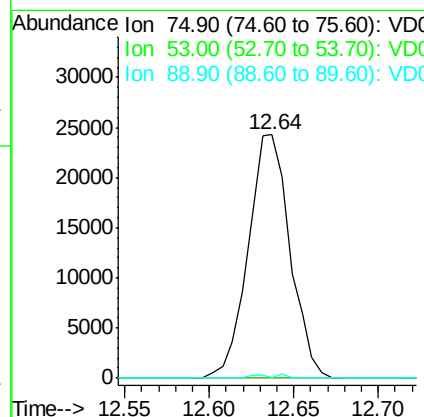
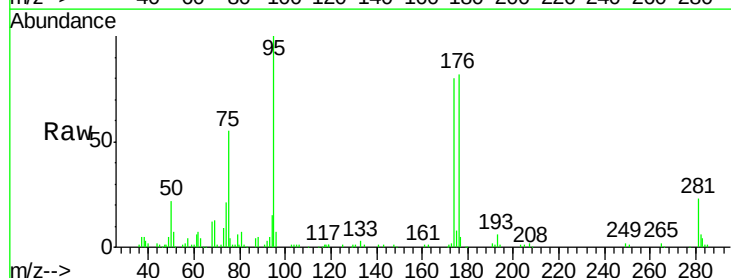
Instrument :
 MSVOA_D
 ClientSampled :
 TP5-SS

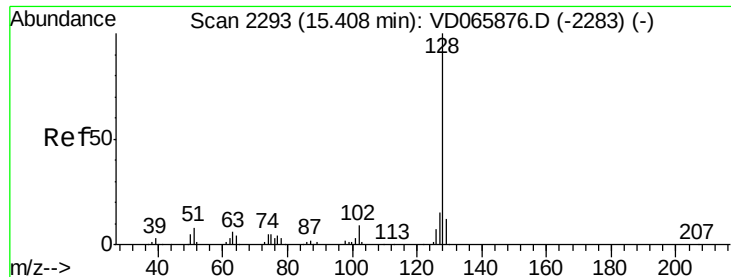
Tot Ion: 75 Resp: 41668
 Ion Ratio Lower Upper
 75 100
 77 1.1 168.5 505.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.613 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD065911.D
 Acq: 01 Jul 2020 17:36

Tgt Ion: 75 Resp: 41668
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.6 121.0#
 89 0.4 36.5 54.7#

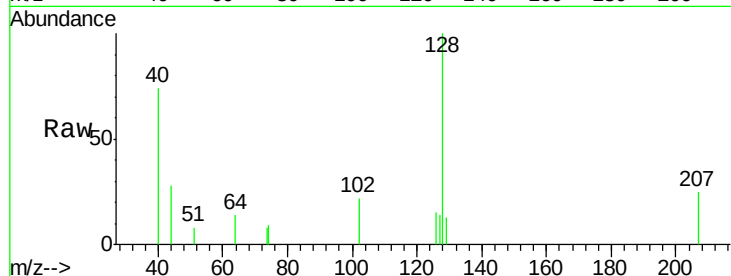




#95
Naphthalene
Concen: 1.255 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065911.D
Acq: 01 Jul 2020 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP5-SS

Tot Ion:128 Resp: 3349
Ion Ratio Lower Upper
128 100
127 7.3 10.8 16.2#
129 8.3 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

