

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065895.D
 Acq On : 29 Jun 2020 19:11
 Operator : VA/SY
 Sample : L3153-19
 Misc : 6.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP2-D

Quant Time: Jun 30 04:14:14 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	114570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	198664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	144547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	40955	50.00	ug/l	0.00

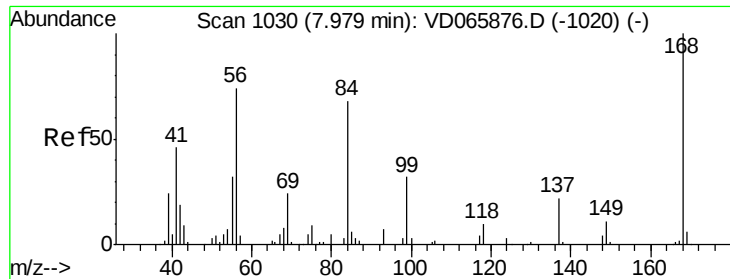
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	69808	58.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.30%	
35) Dibromofluoromethane	7.91	113	68520	55.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.60%	
50) Toluene-d8	10.34	98	213328	46.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.36%	
62) 4-Bromofluorobenzene	12.64	95	50707	33.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.02%	

Target Compounds

					Qvalue	
16) Acetone	4.16	43	369	1.582	ug/l #	51
20) Methylene Chloride	4.96	84	14980	7.731	ug/l	85
31) Cyclohexane	7.99	56	2786	1.307	ug/l #	49
36) 1,1-Dichloropropene	7.98	75	10610	5.477	ug/l #	51
38) Carbon Tetrachloride	7.98	117	11955	5.715	ug/l #	15
51) 4-Methyl-2-Pentanone	10.34	43	1314	1.776	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	27825	77.644	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.64	75	27825	166.808	ug/l #	9

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065895.D

Acq: 29 Jun 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

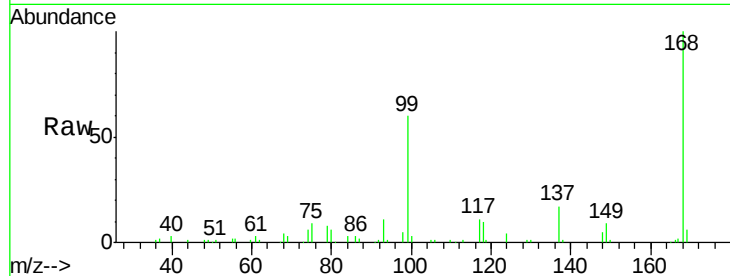
SP2-D

Tot Ion:168 Resp: 114570

Ion Ratio Lower Upper

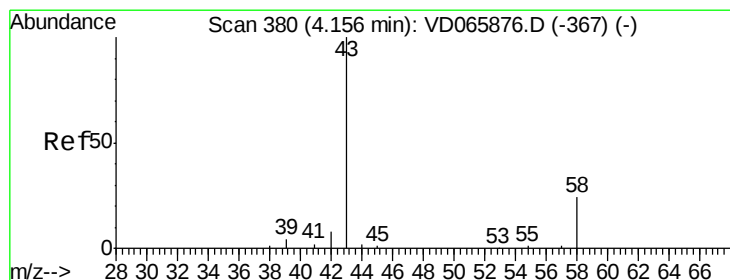
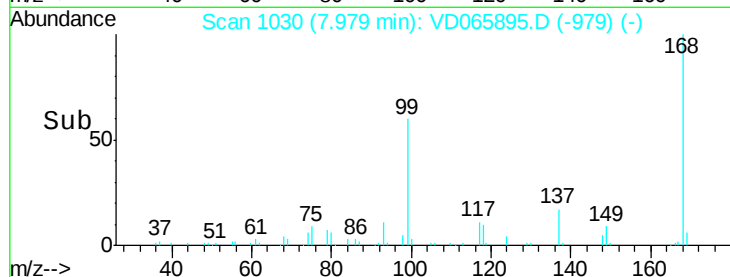
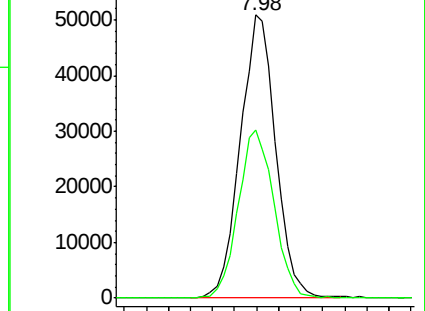
168 100

99 59.6 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 1.582 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065895.D

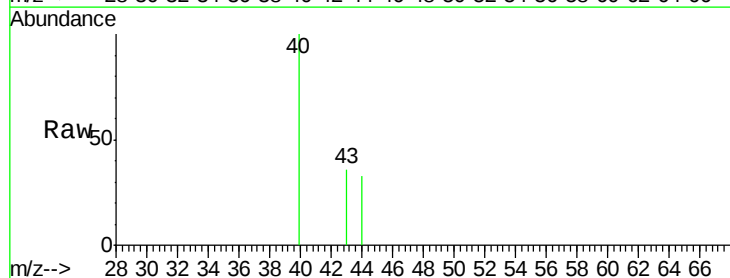
Acq: 29 Jun 2020 19:11

Tgt Ion: 43 Resp: 369

Ion Ratio Lower Upper

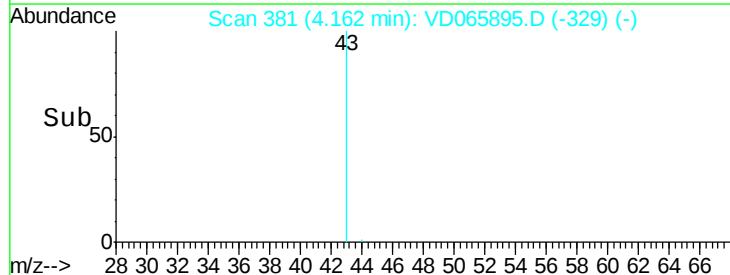
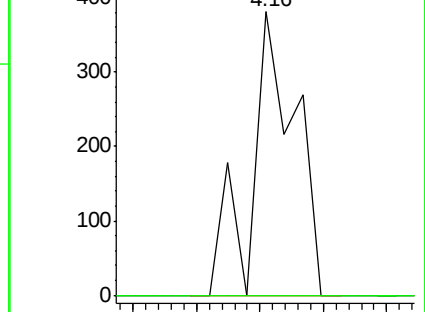
43 100

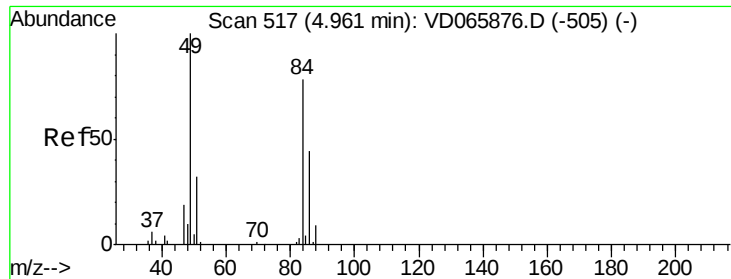
58 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

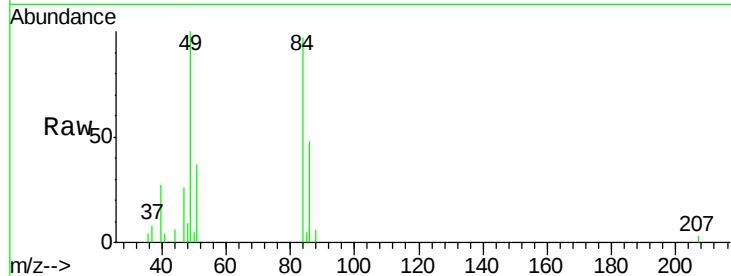




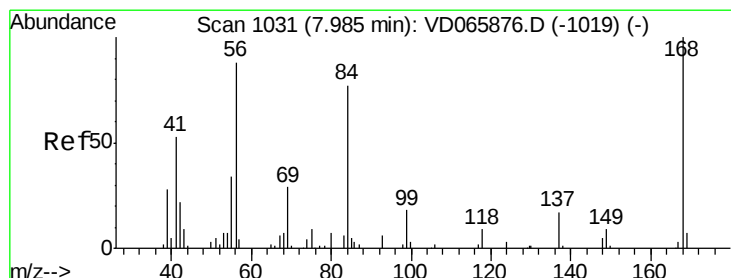
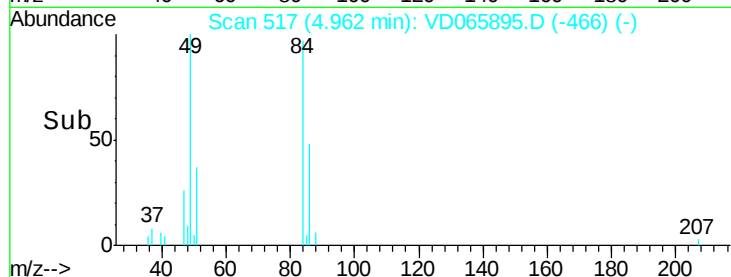
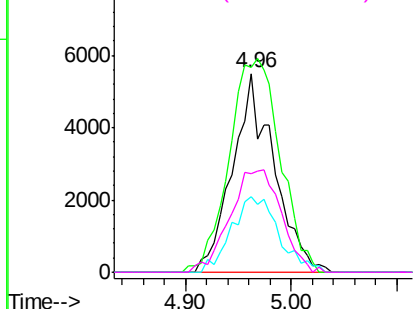
#20
Methvlene Chloride
Concen: 7.731 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065895.D
Acq: 29 Jun 2020 19:11

Instrument :
MSVOA_D
ClientSampleId :
SP2-D

Tot Ion: 84 Resp: 14980
Ion Ratio Lower Upper
84 100
49 103.4 103.0 154.6
51 38.4 32.7 49.1
86 49.8 44.9 67.3

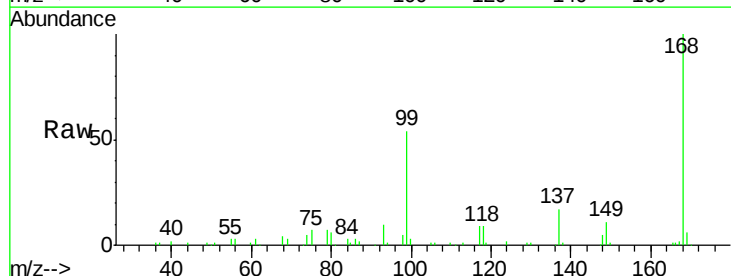


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

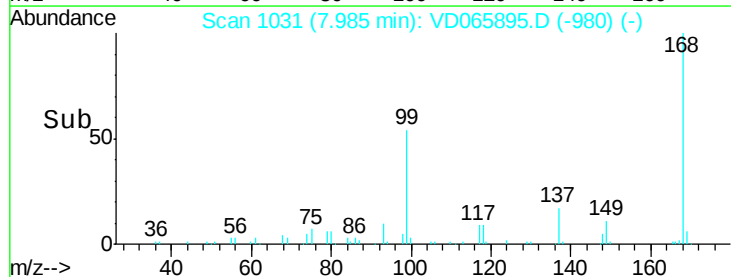
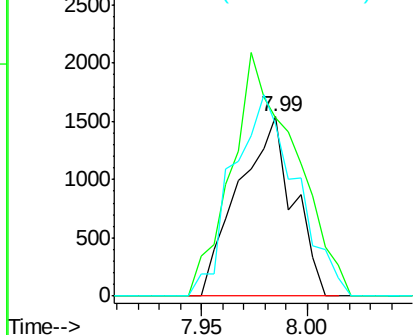


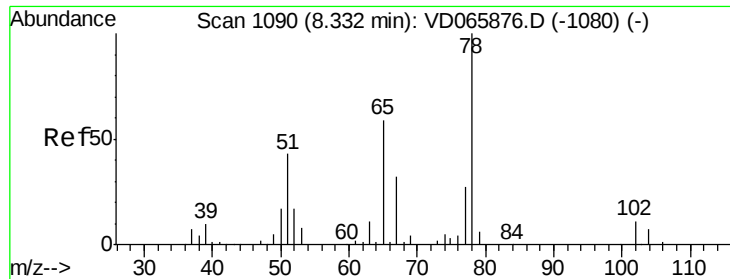
#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065895.D
Acq: 29 Jun 2020 19:11

Tgt Ion: 56 Resp: 2786
Ion Ratio Lower Upper
56 100
69 99.4 26.2 39.4#
84 112.6 70.3 105.5#



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

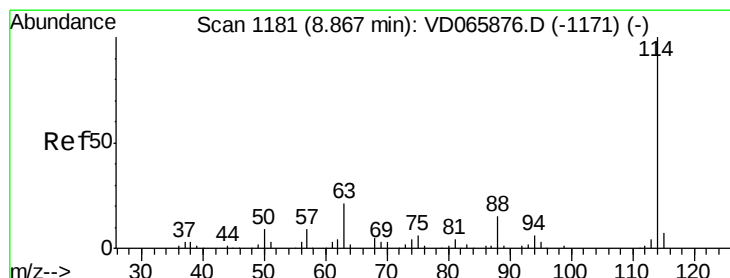
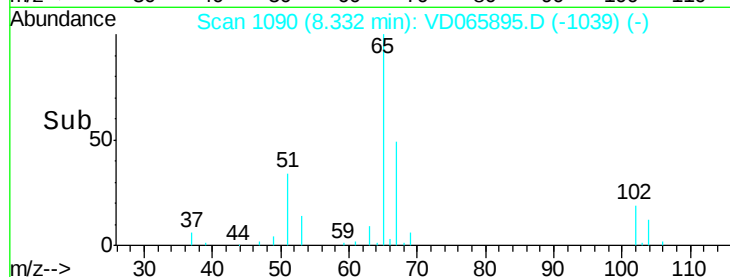
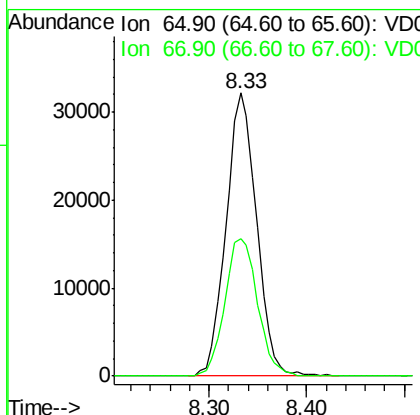
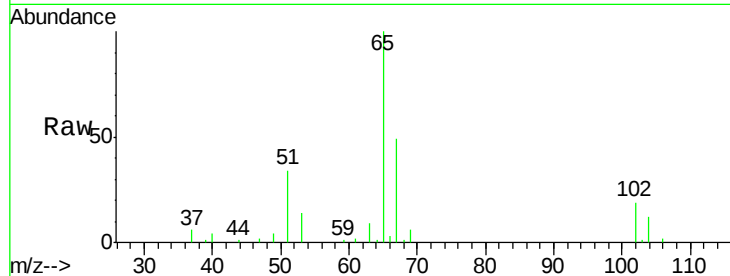




#33
 1,2-Dichloroethane-d4
 Concen: 58.649 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065895.D
 Acq: 29 Jun 2020 19:11

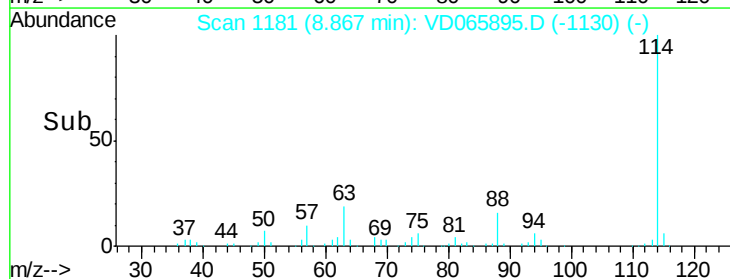
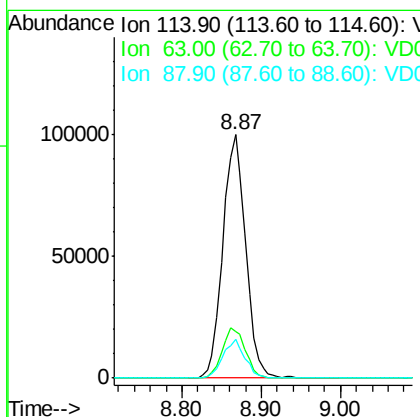
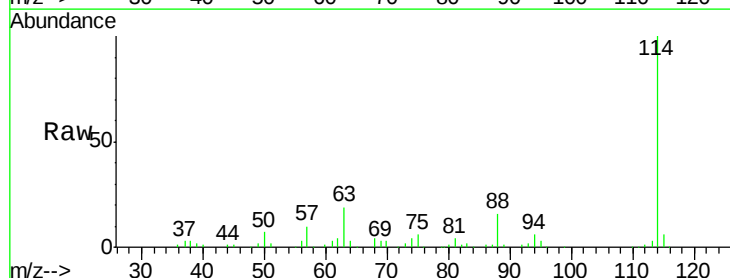
Instrument :
 MSVOA_D
 ClientSampleId :
 SP2-D

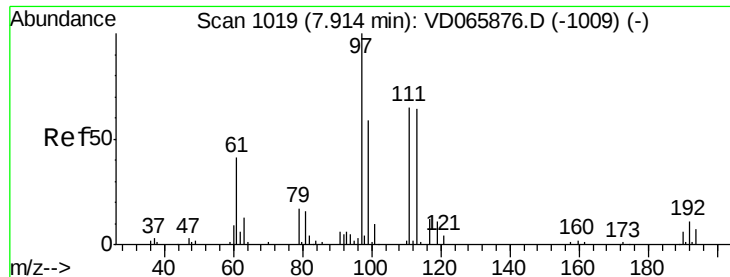
Tot Ion: 65 Resp: 69808
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065895.D
 Acq: 29 Jun 2020 19:11

Tgt Ion: 114 Resp: 198664
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.6
 88 15.9 0.0 29.0

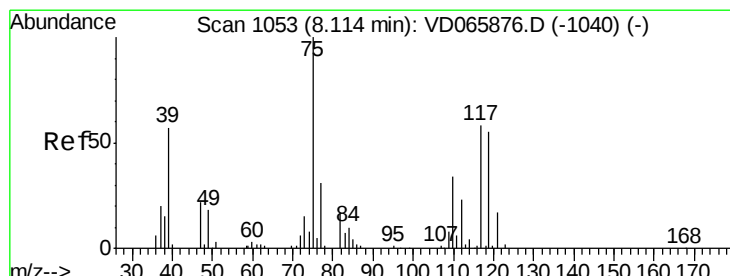
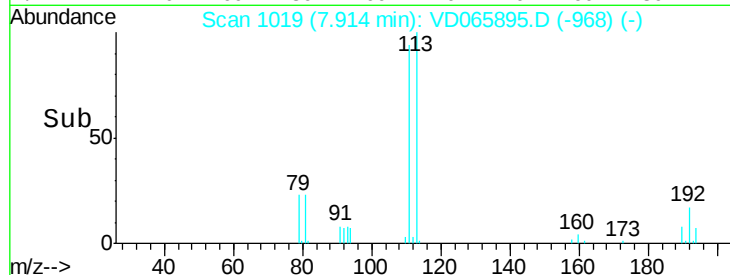
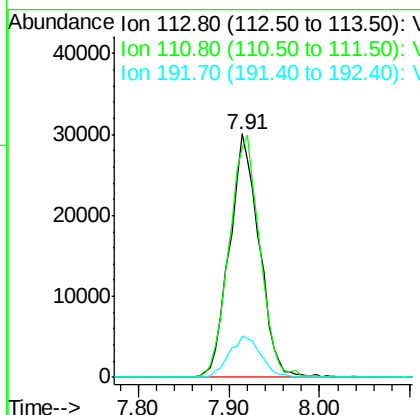
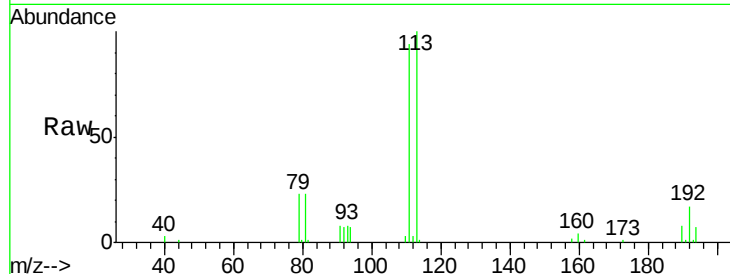




#35
Dibromofluoromethane
Concen: 55.800 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065895.D
Acq: 29 Jun 2020 19:11

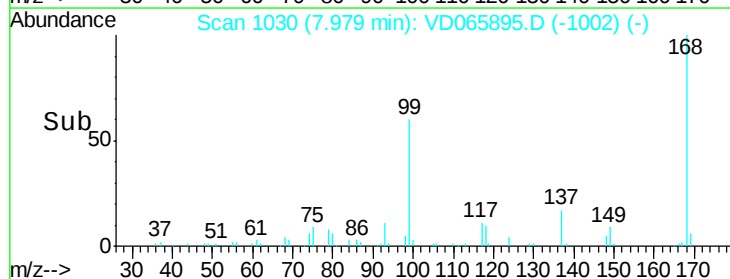
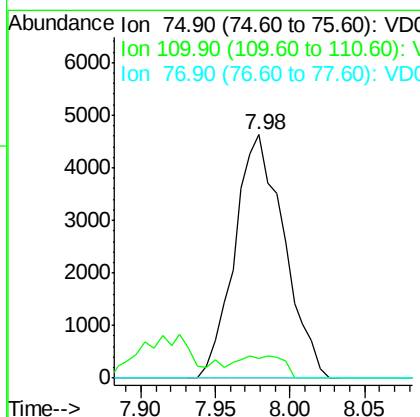
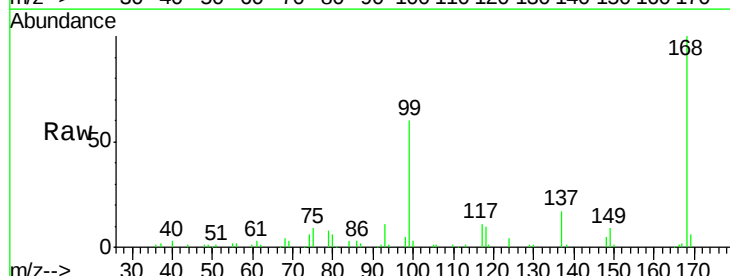
Instrument :
MSVOA_D
ClientSampleId :
SP2-D

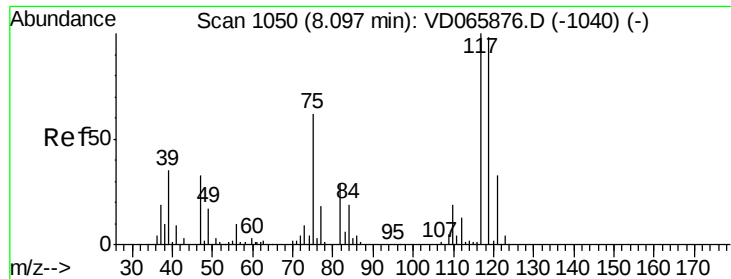
Tot Ion:113 Resp: 68520
Ion Ratio Lower Upper
113 100
111 102.6 81.0 121.6
192 17.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.477 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD065895.D
Acq: 29 Jun 2020 19:11

Tgt Ion: 75 Resp: 10610
Ion Ratio Lower Upper
75 100
110 8.7 16.8 50.4#
77 0.0 24.0 36.0#

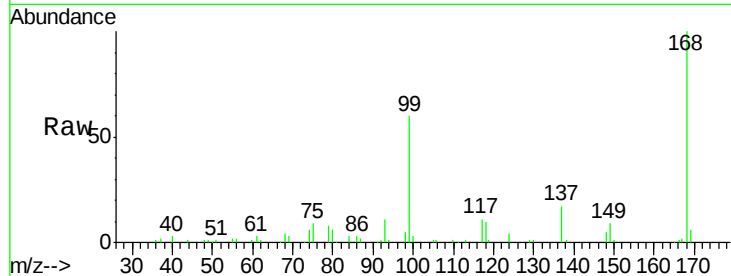




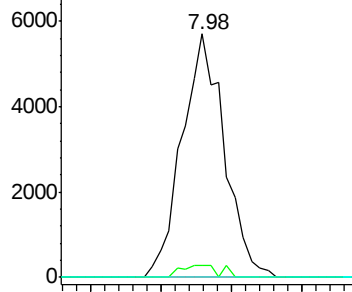
#38
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065895.D
Acq: 29 Jun 2020 19:11

Instrument :
MSVOA_D
ClientSampleId :
SP2-D

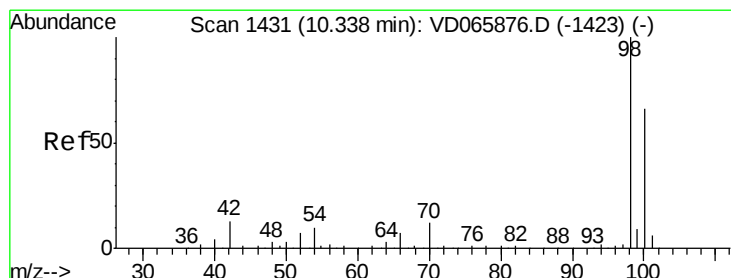
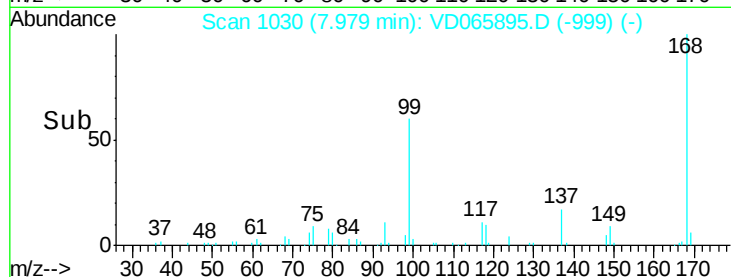
Tot Ion:117 Resp: 11955
Ion Ratio Lower Upper
117 100
119 4.9 78.6 117.8#
121 0.0 26.5 39.7#



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

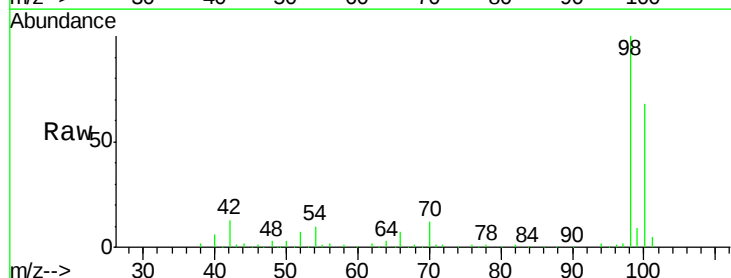


Time-->

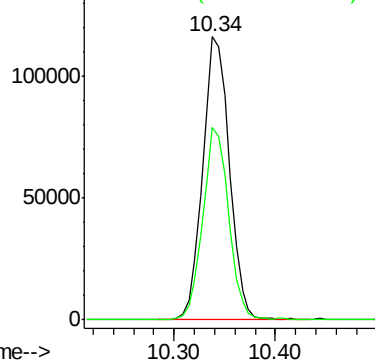


#50
Toluene-d8
Concen: 46.183 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065895.D
Acq: 29 Jun 2020 19:11

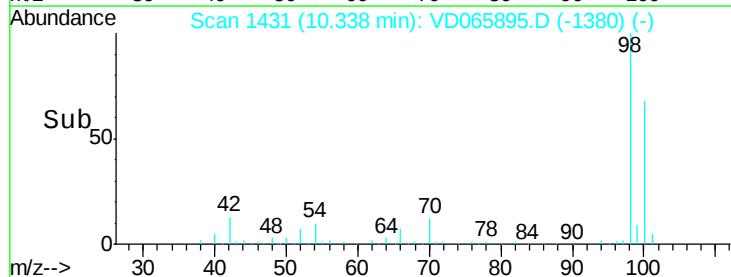
Tgt Ion: 98 Resp: 213328
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

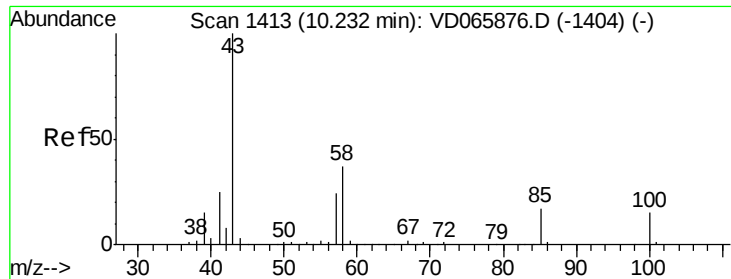


Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC



Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.776 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD065895.D

Acq: 29 Jun 2020 19:11

Instrument :

MSVOA_D

ClientSampled :

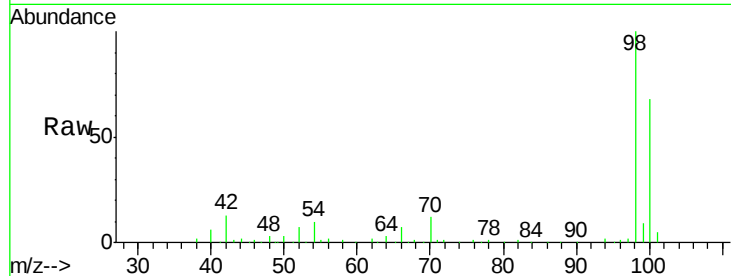
SP2-D

Tot Ion: 43 Resp: 1314

Ion Ratio Lower Upper

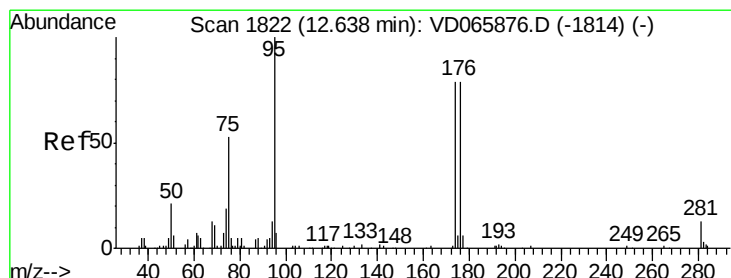
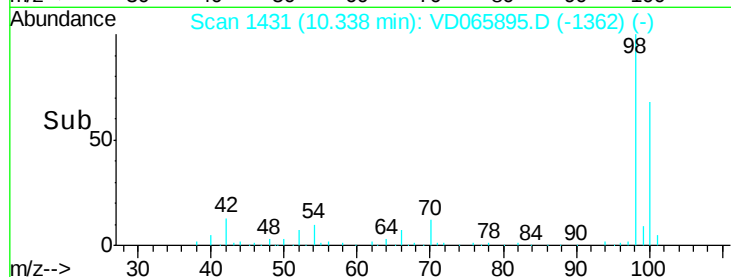
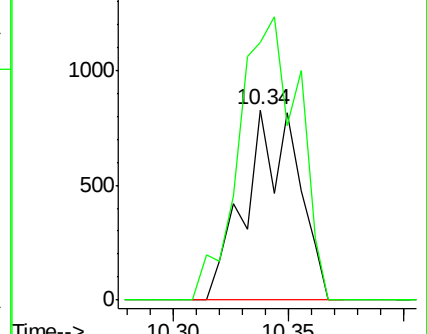
43 100

58 168.1 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 33.509 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065895.D

Acq: 29 Jun 2020 19:11

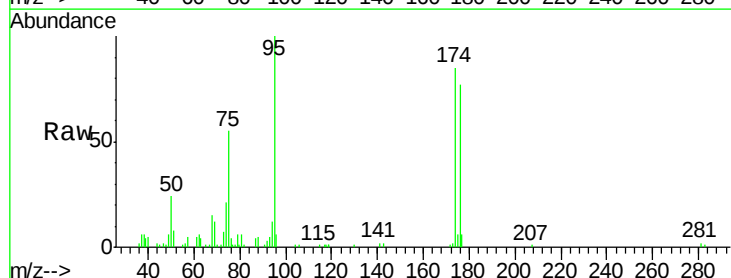
Tgt Ion: 95 Resp: 50707

Ion Ratio Lower Upper

95 100

174 80.2 0.0 158.4

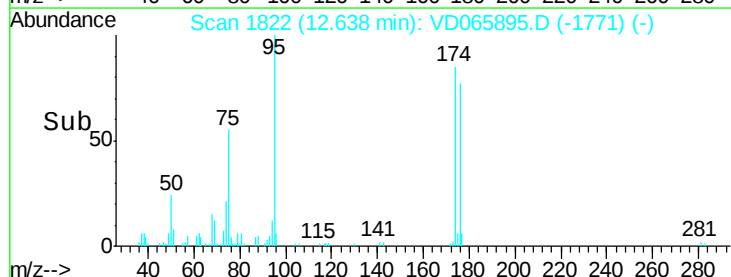
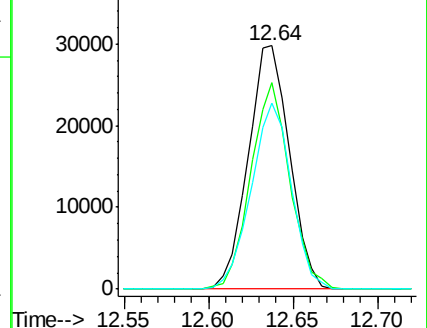
176 74.4 0.0 156.0

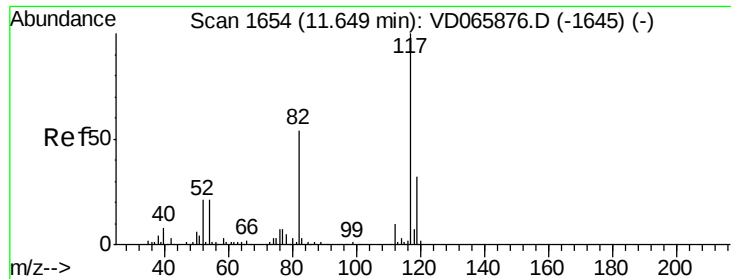


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

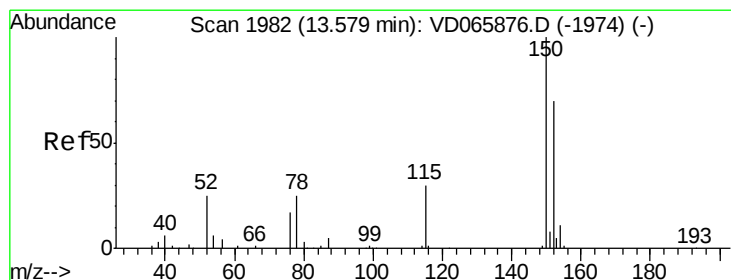
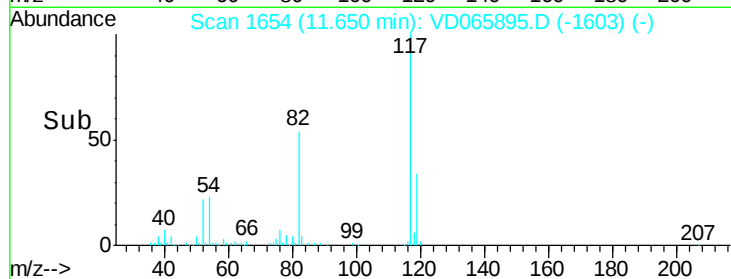
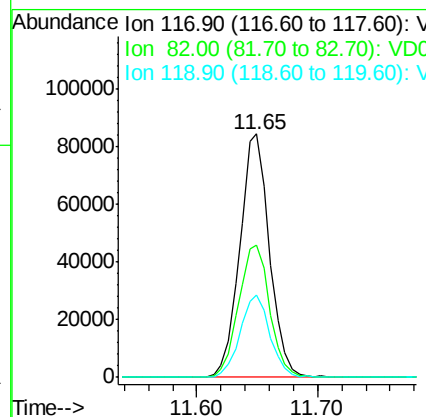
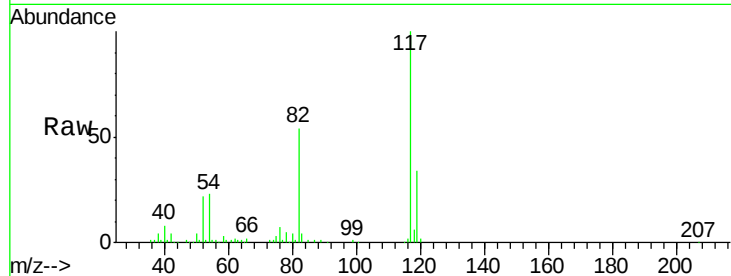




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065895.D
Acq: 29 Jun 2020 19:11

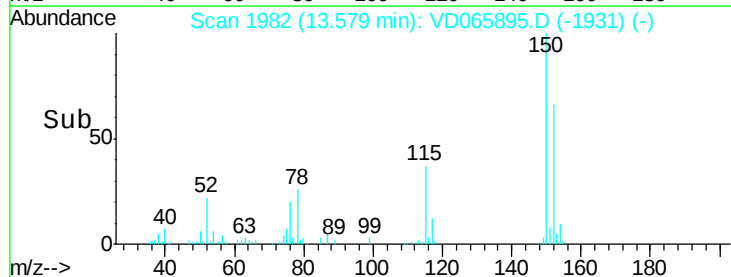
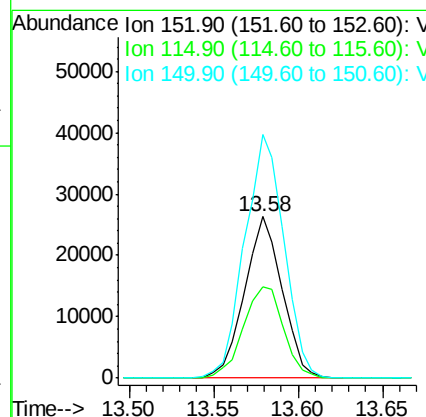
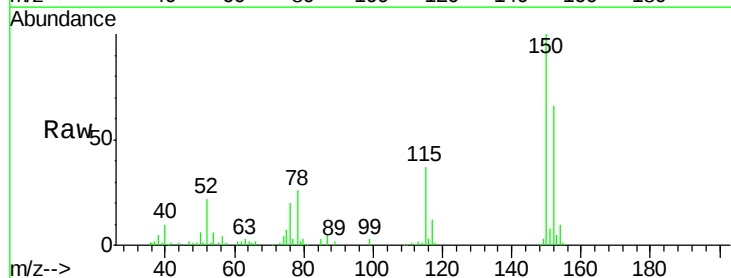
Instrument :
MSVOA_D
ClientSampleId :
SP2-D

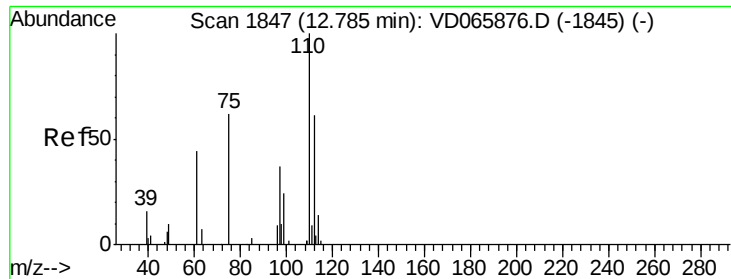
Tot Ion:117 Resp: 144547
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 33.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065895.D
Acq: 29 Jun 2020 19:11

Tgt Ion:152 Resp: 40955
Ion Ratio Lower Upper
152 100
115 60.2 29.7 89.1
150 157.1 0.0 346.2





#76

1,2,3-Trichloropropane

Concen: 77.644 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065895.D

Acq: 29 Jun 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

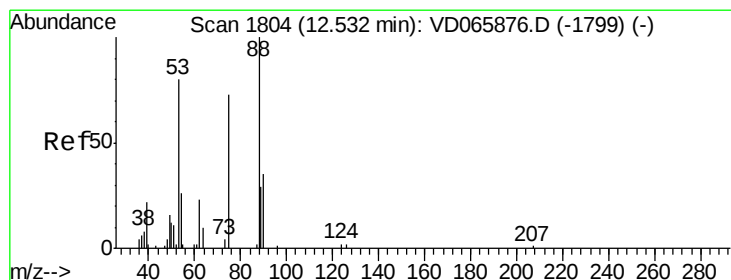
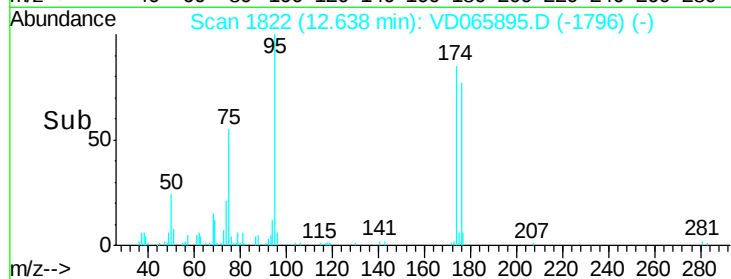
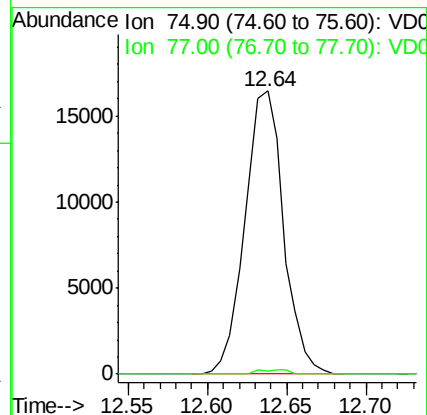
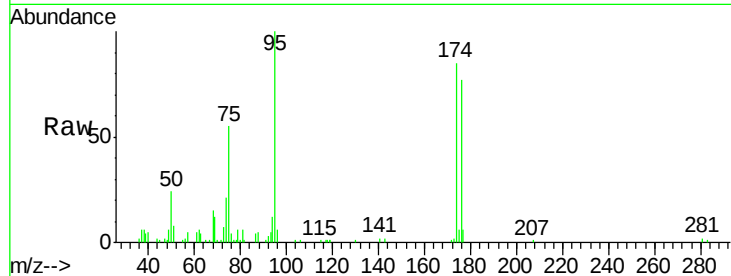
SP2-D

Tot Ion: 75 Resp: 27825

Ion Ratio Lower Upper

75 100

77 1.2 168.5 505.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 166.808 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065895.D

Acq: 29 Jun 2020 19:11

Tgt Ion: 75 Resp: 27825

Ion Ratio Lower Upper

75 100

53 0.0 80.6 121.0#

89 0.0 36.5 54.7#

