

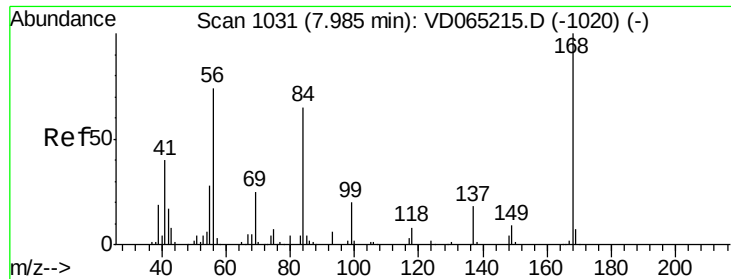
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065227.D
 Acq On : 18 Feb 2020 19:11
 Operator : VA/SY
 Sample : L1573-06
 Misc : 6.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOC-3

Quant Time: Feb 19 03:32:49 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	7.99	168	513680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	839062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	886740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	452380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	232105	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	7.92	113	258449	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.34	98	1039636	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.64	95	392639	63.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.74%	
Target Compounds						
16) Acetone	4.17	43	7139	6.320	ug/l	100
20) Methylene Chloride	4.97	84	17851	Below Cal		89
31) Cyclohexane	7.99	56	10744	1.182	ug/l #	7
36) 1,1-Dichloropropene	7.99	75	38338	4.696	ug/l #	49
38) Carbon Tetrachloride	7.99	117	48338	5.816	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	193523	50.279	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	193523	108.561	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065227.D

Acq: 18 Feb 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

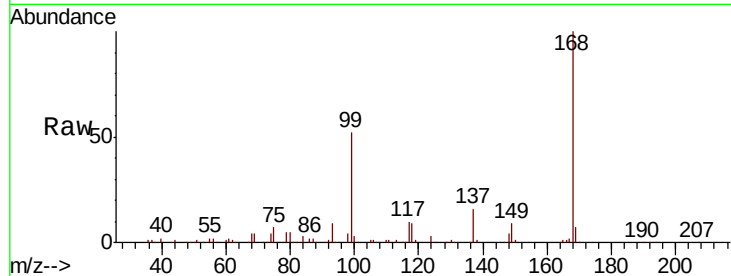
LOC-3

Tot Ion:168 Resp: 513680

Ion Ratio Lower Upper

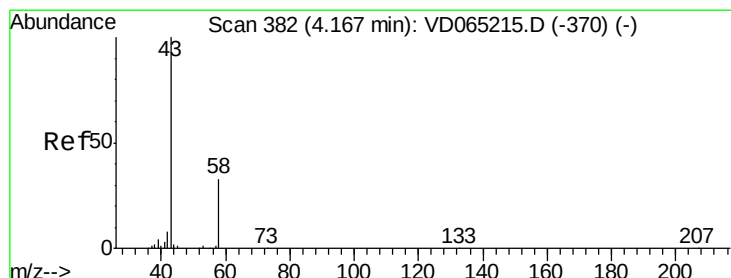
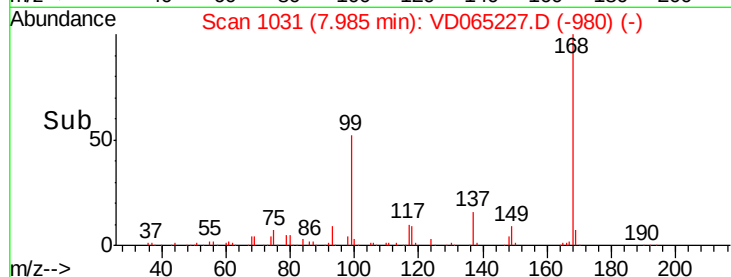
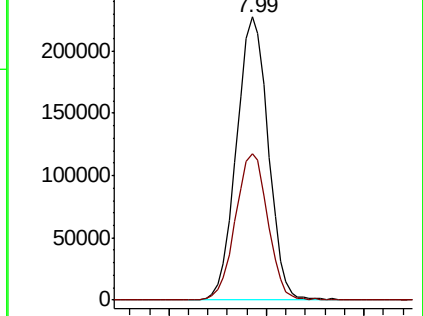
168 100

99 51.9 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: 6.320 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065227.D

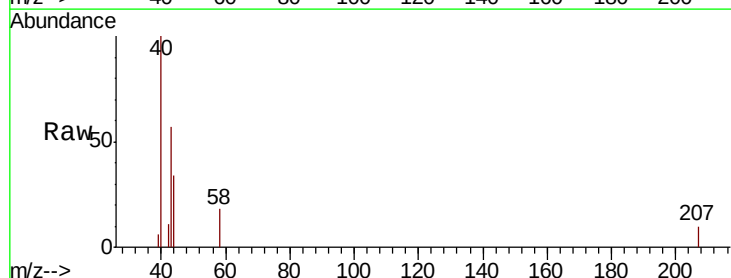
Acq: 18 Feb 2020 19:11

Tgt Ion: 43 Resp: 7139

Ion Ratio Lower Upper

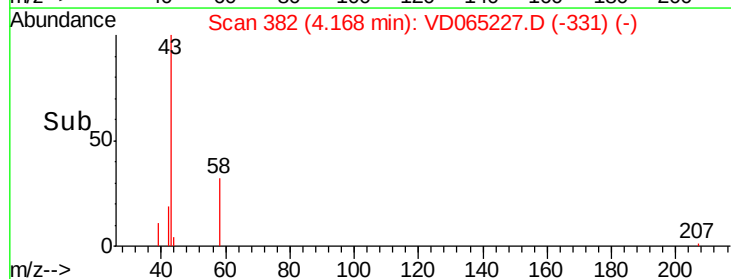
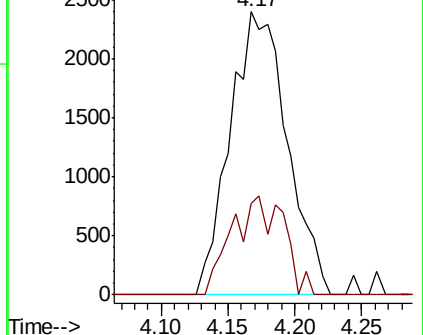
43 100

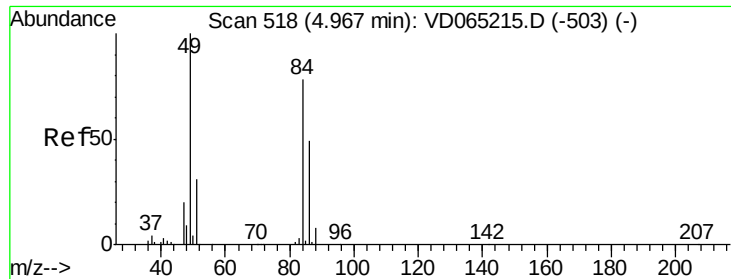
58 32.5 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

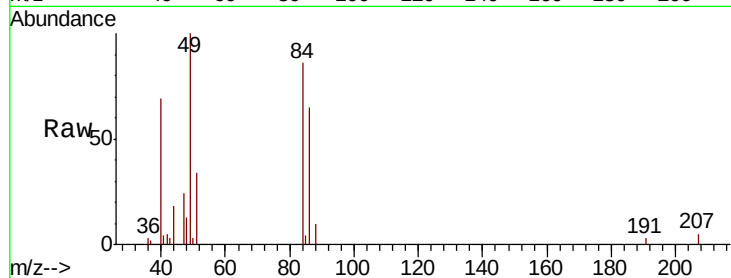




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065227.D
Acq: 18 Feb 2020 19:11

Instrument :
MSVOA_D
ClientSampleId :
LOC-3

Tot Ion:	84	Resp:	17851
Ion	Ratio	Lower	Upper
84	100		
49	116.1	103.1	154.7
51	39.1	31.7	47.5
86	75.7	50.9	76.3



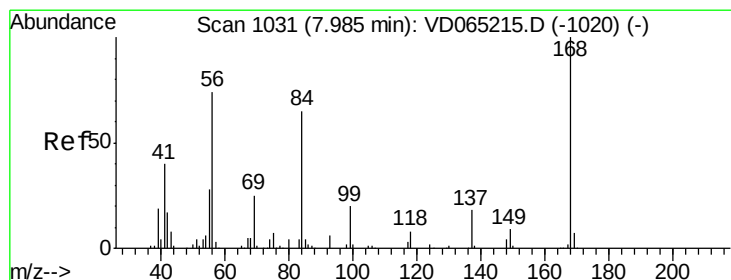
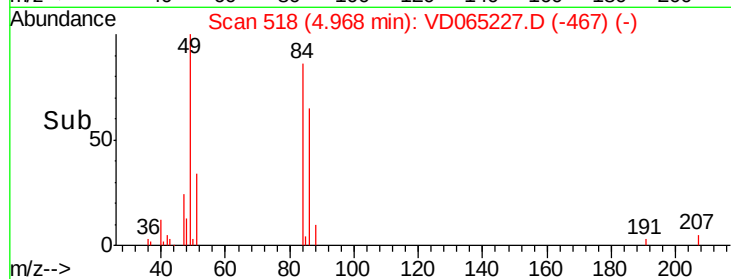
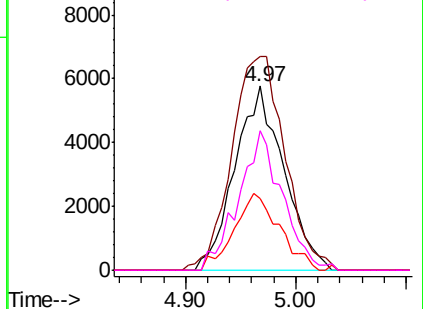
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

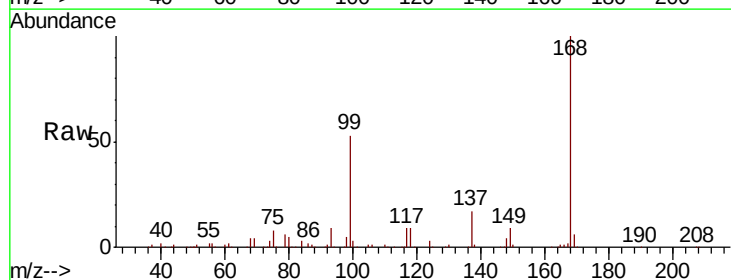
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065227.D
Acq: 18 Feb 2020 19:11

Tgt Ion:	56	Resp:	10744
Ion	Ratio	Lower	Upper
56	100		
69	166.3	27.4	41.0#
84	127.0	71.1	106.7#

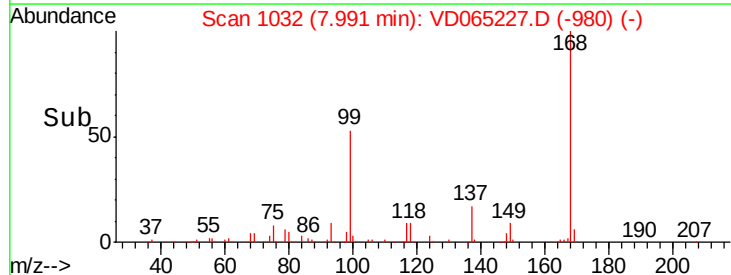
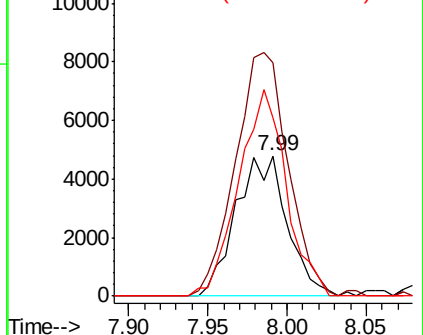


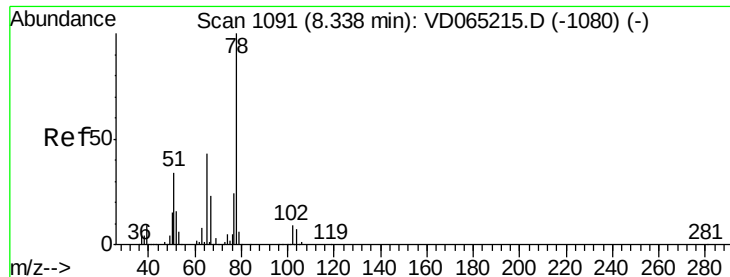
Abundance

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

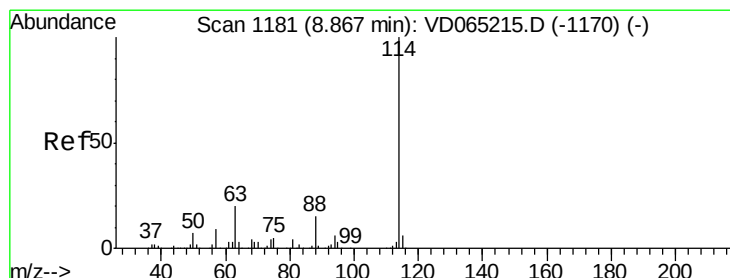
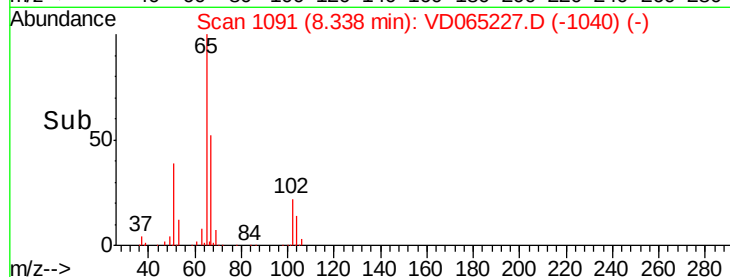
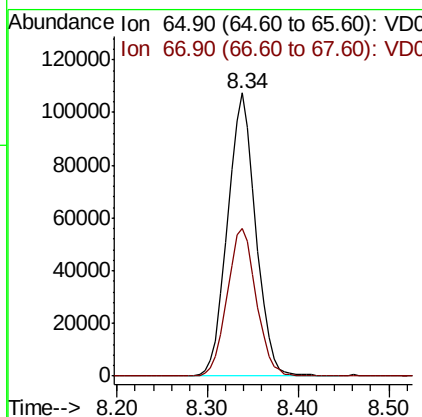
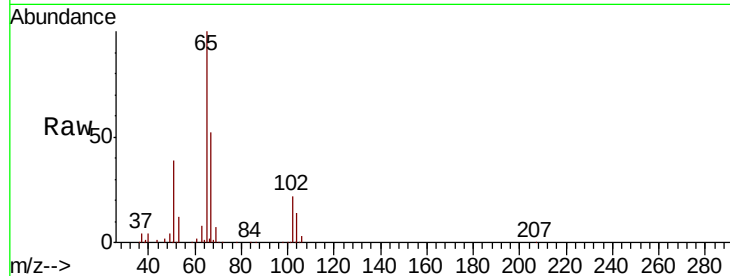




#33
 1,2-Dichloroethane-d4
 Concen: 50.227 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065227.D
 Acq: 18 Feb 2020 19:11

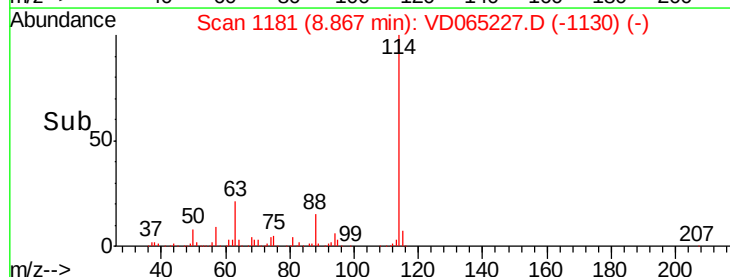
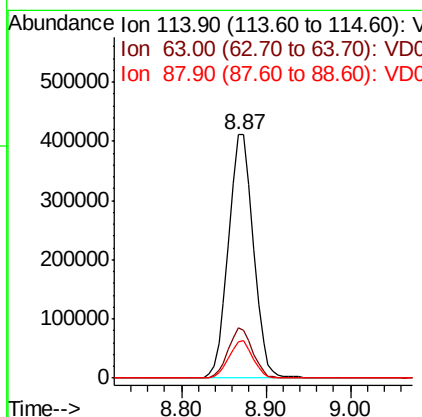
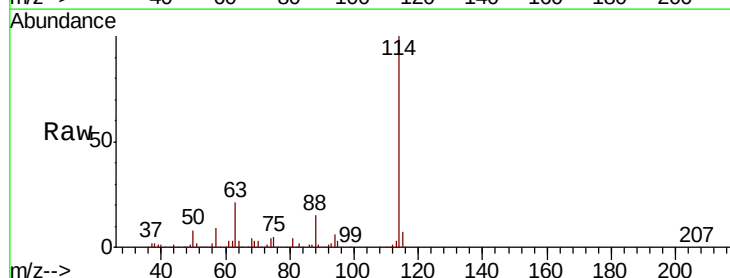
Instrument :
 MSVOA_D
 ClientSampleId :
 LOC-3

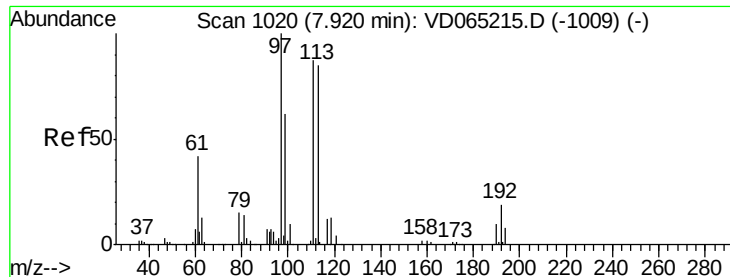
Tot Ion: 65 Resp: 232105
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065227.D
 Acq: 18 Feb 2020 19:11

Tgt Ion: 114 Resp: 839062
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 15.1 0.0 30.4

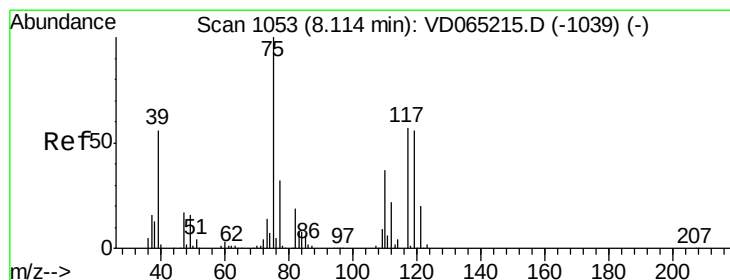
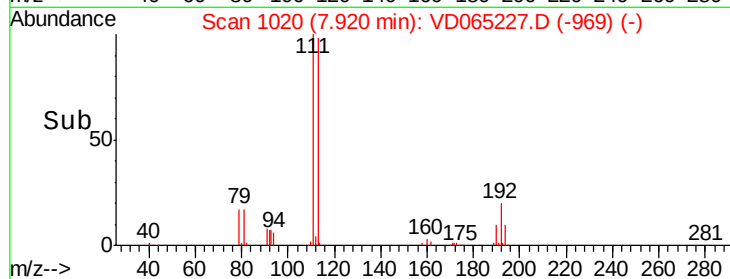
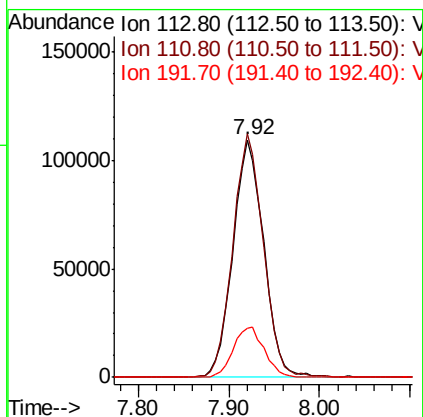
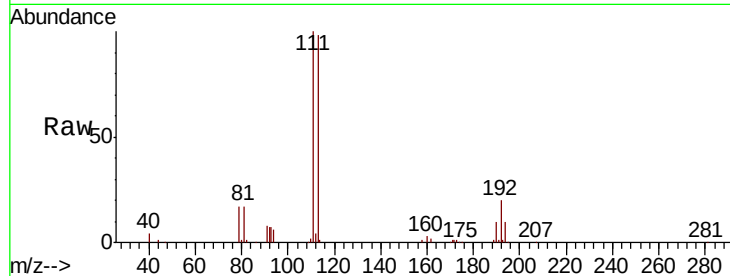




#35
 Dibromofluoromethane
 Concen: 50.517 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065227.D
 Acq: 18 Feb 2020 19:11

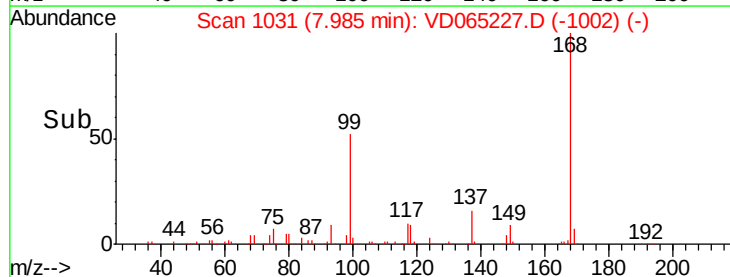
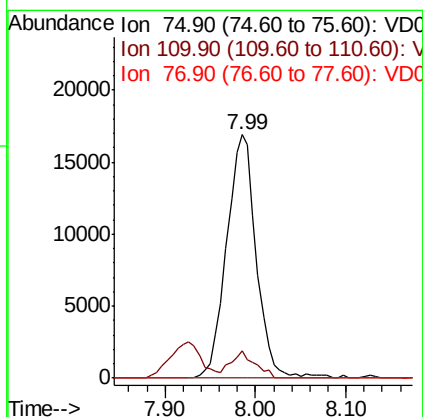
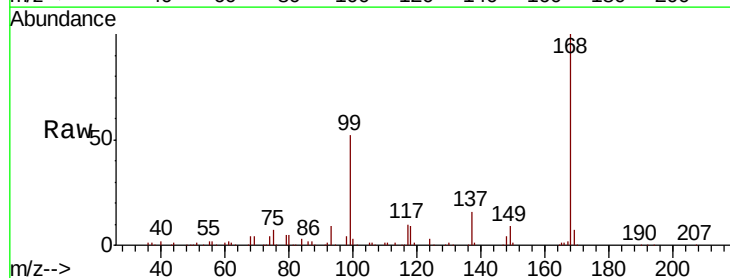
Instrument :
 MSVOA_D
 ClientSampleId :
 LOC-3

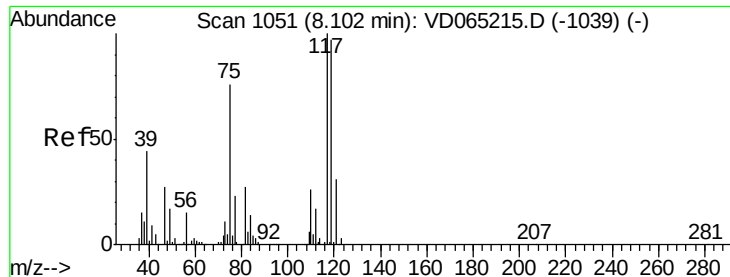
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	21.3	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.696 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065227.D
 Acq: 18 Feb 2020 19:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.9	53.7#
77	0.0	25.1	37.7#

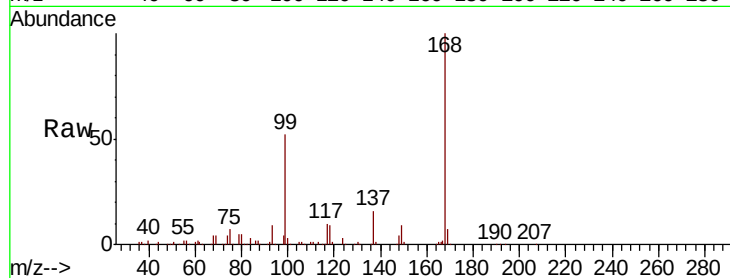




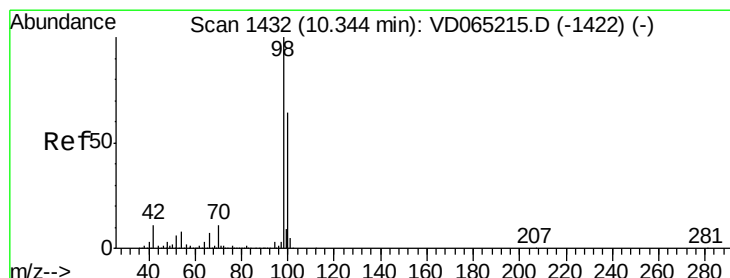
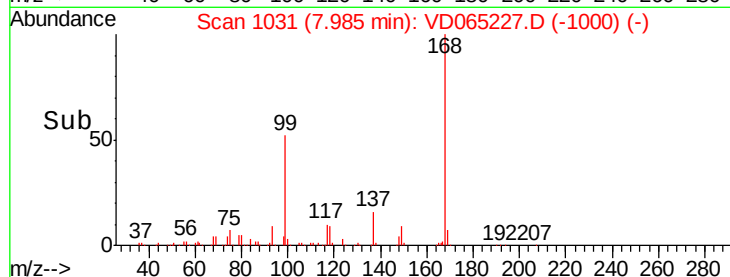
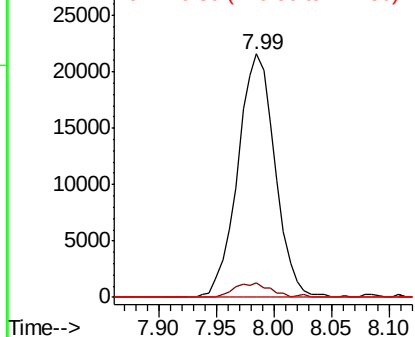
#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065227.D
Acq: 18 Feb 2020 19:11

Instrument :
MSVOA_D
ClientSampleId :
LOC-3

Tot Ion:117 Resp: 48338
Ion Ratio Lower Upper
117 100
119 6.0 77.6 116.4#
121 0.0 24.8 37.2#

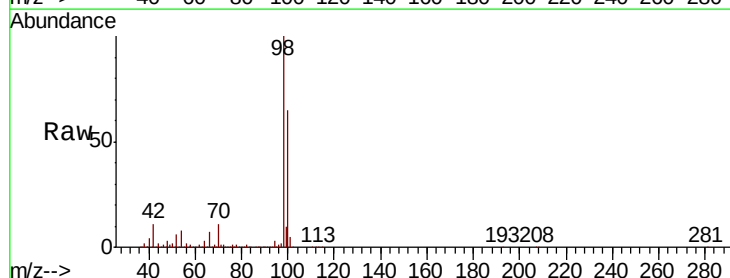


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

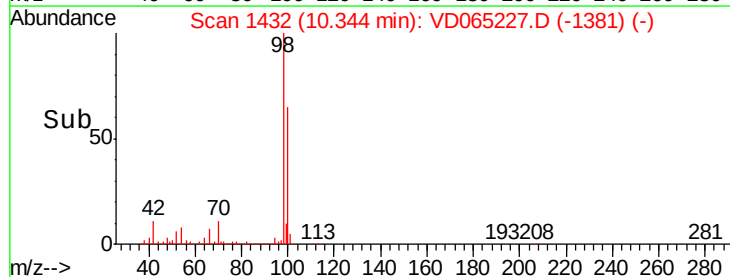
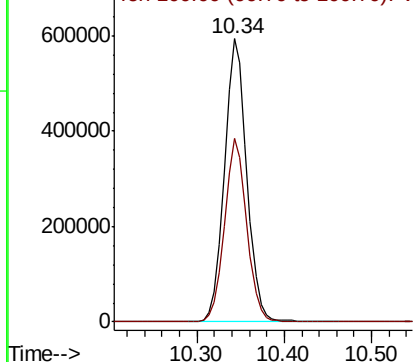


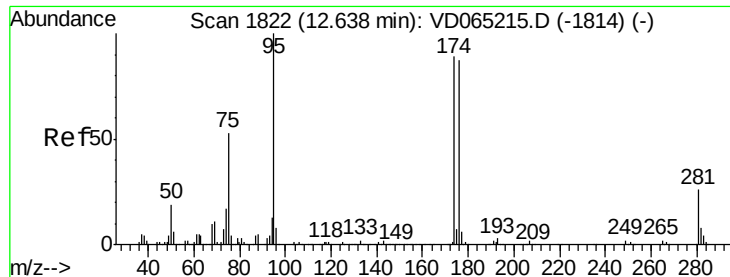
#50
Toluene-d8
Concen: 53.155 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065227.D
Acq: 18 Feb 2020 19:11

Tgt Ion: 98 Resp: 1039636
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



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





#62

4-Bromofluorobenzene

Concen: 63.370 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065227.D

Acq: 18 Feb 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

LOC-3

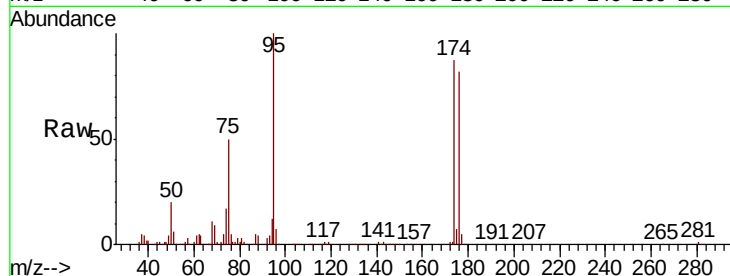
Tot Ion: 95 Resp: 392639

Ion Ratio Lower Upper

95 100

174 88.6 0.0 178.0

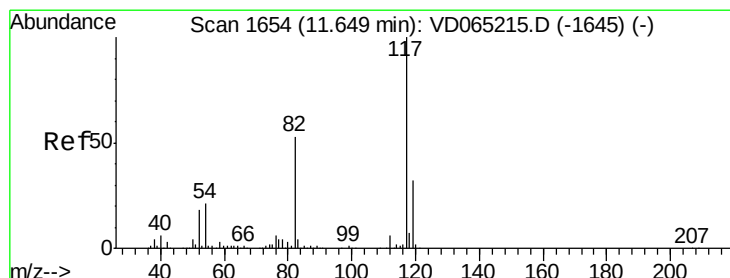
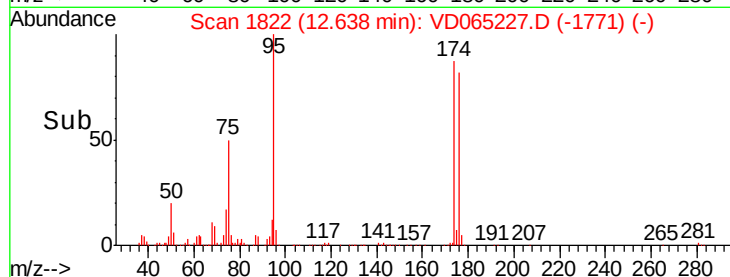
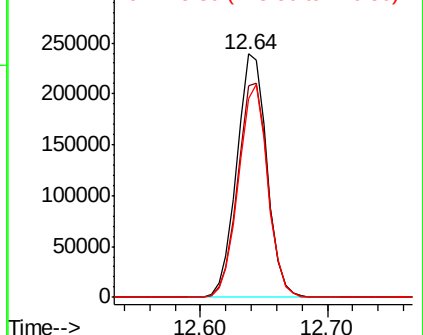
176 85.0 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD065227.D

Acq: 18 Feb 2020 19:11

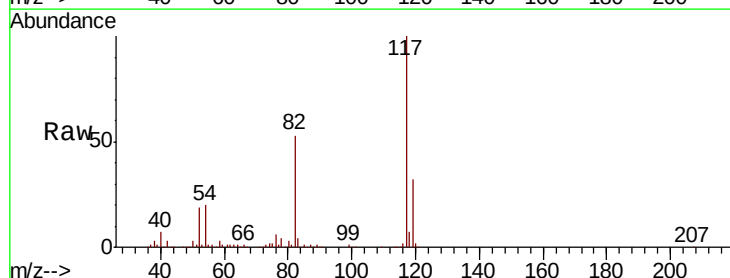
Tgt Ion: 117 Resp: 886740

Ion Ratio Lower Upper

117 100

82 53.5 42.7 64.1

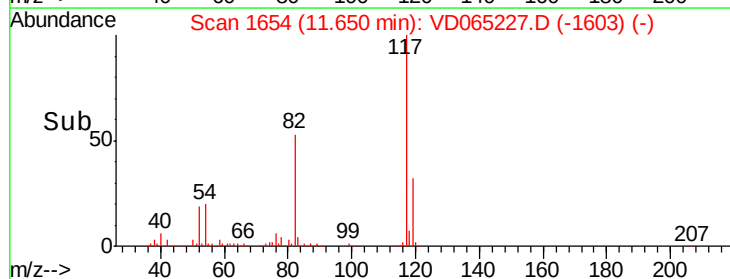
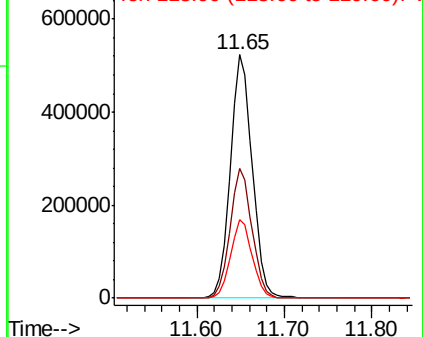
119 32.0 25.5 38.3

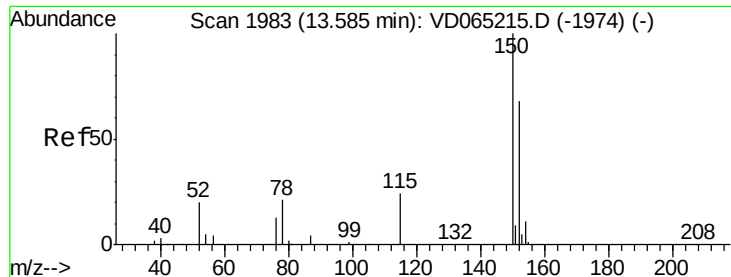


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.00 min

Lab File: VD065227.D

Acq: 18 Feb 2020 19:11

Instrument :

MSVOA_D

ClientSampled :

LOC-3

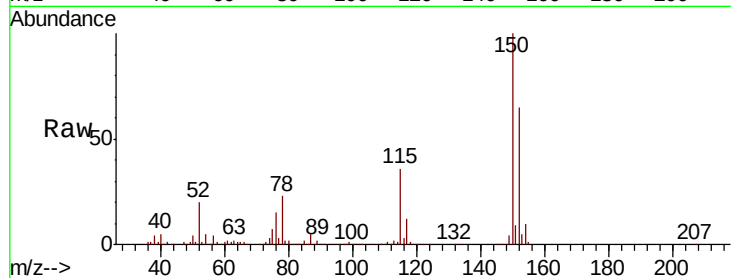
Tot Ion:152 Resp: 452380

Ion Ratio Lower Upper

152 100

115 55.5 27.6 82.8

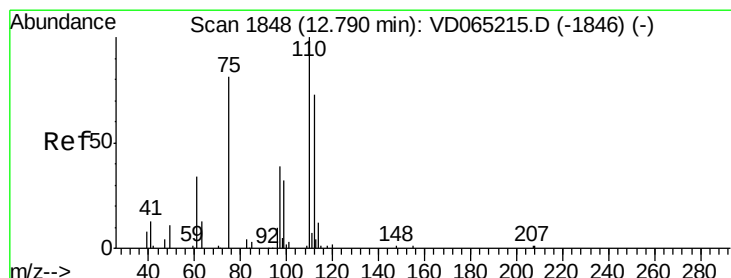
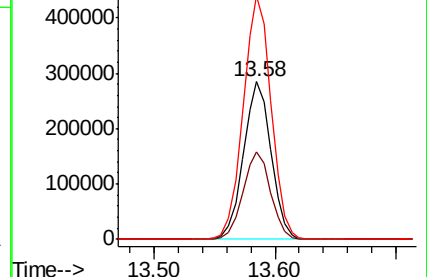
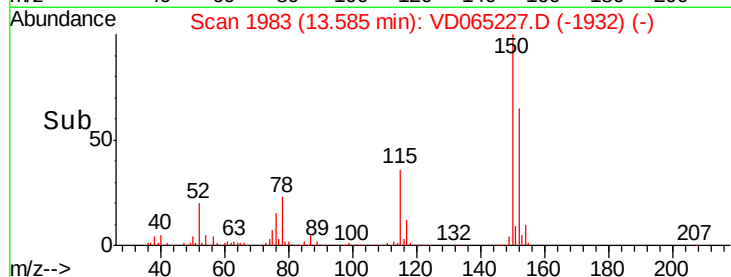
150 156.2 0.0 347.4



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: 50.279 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065227.D

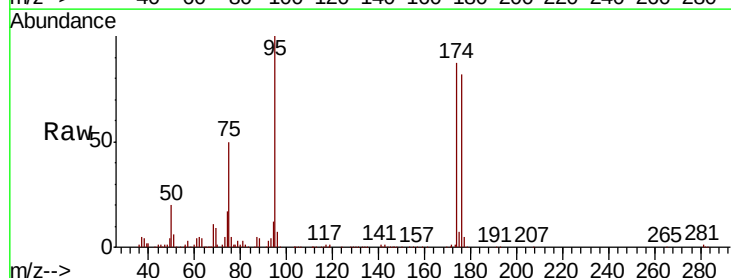
Acq: 18 Feb 2020 19:11

Tgt Ion: 75 Resp: 193523

Ion Ratio Lower Upper

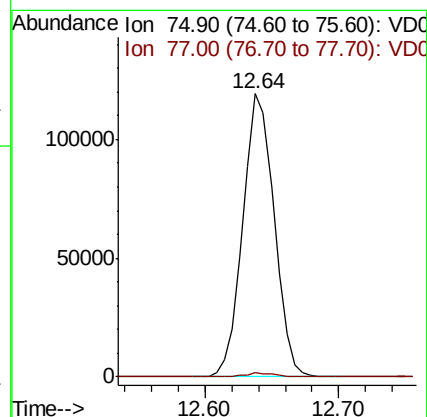
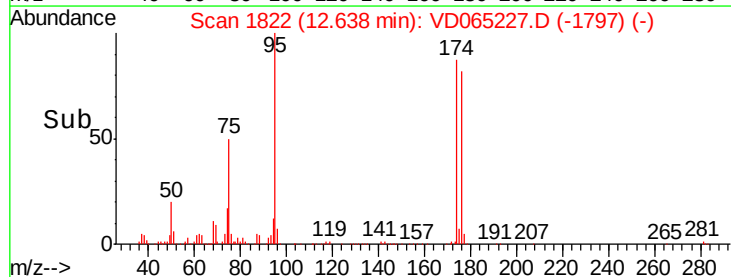
75 100

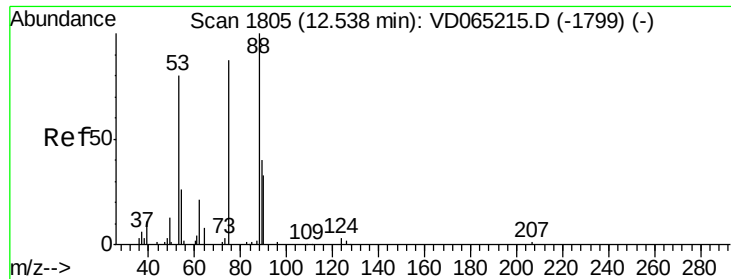
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.561 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065227.D

Acq: 18 Feb 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

LOC-3

Tot Ion: 75 Resp: 193523

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

89 0.0 37.2 55.8#

