

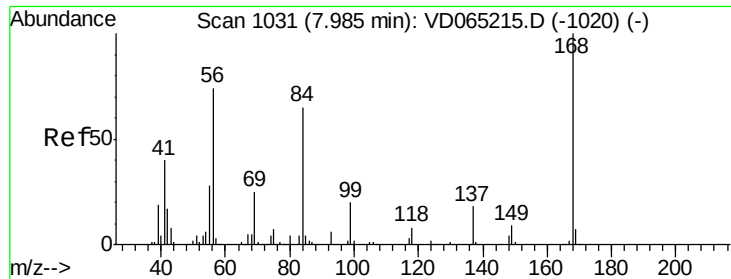
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022720\
 Data File : VD065347.D
 Acq On : 27 Feb 2020 16:25
 Operator : VA/SY
 Sample : L1373-04
 Misc : 6.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 28 00:36:12 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	498248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	842651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	752323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	268179	59.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.66%	
35) Dibromofluoromethane	7.92	113	270547	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	10.34	98	1012855	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.64	95	297372	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds				Qvalue		
16) Acetone	4.17	43	8823	8.052	ug/l	96
20) Methylene Chloride	4.97	84	15377	Below Cal		93
31) Cyclohexane	7.98	56	9613	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	35788	4.365	ug/l #	50
38) Carbon Tetrachloride	7.98	117	47121	5.646	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	143470	52.093	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	143470	112.477	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065347.D

Acq: 27 Feb 2020 16:25

Instrument :

MSVOA_D

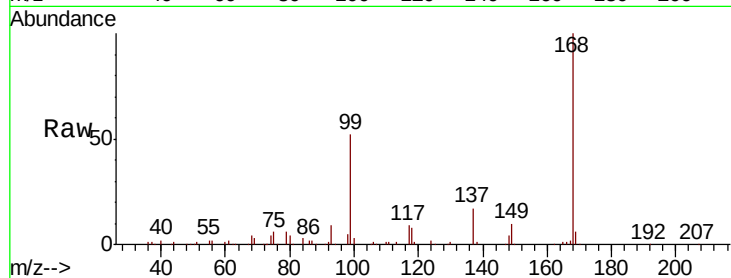
ClientSampleId :

Tot Ion:168 Resp: 498248

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

7.98

250000

200000

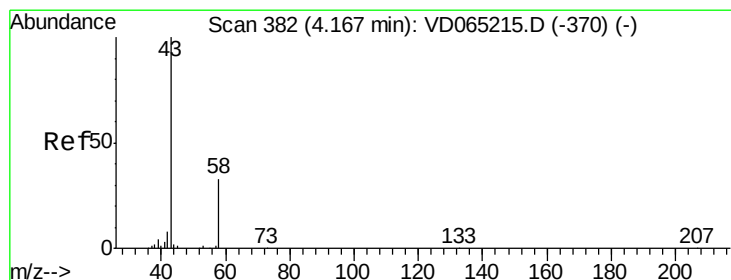
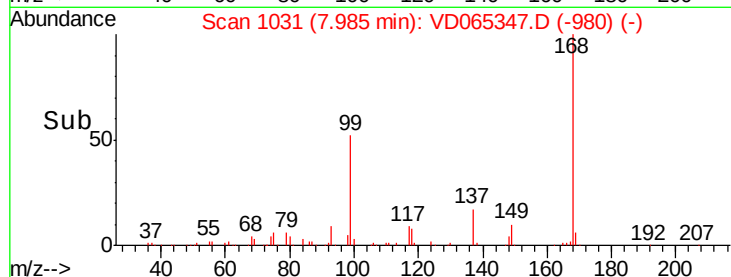
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.052 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065347.D

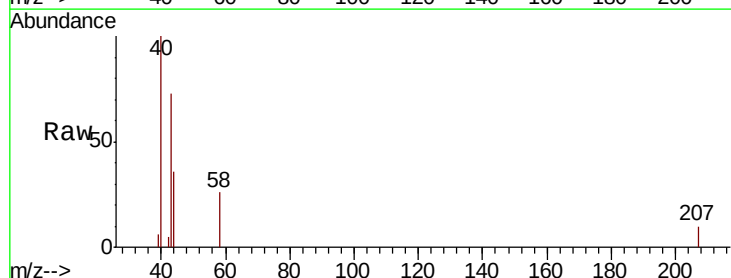
Acq: 27 Feb 2020 16:25

Tgt Ion: 43 Resp: 8823

Ion Ratio Lower Upper

43 100

58 35.1 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

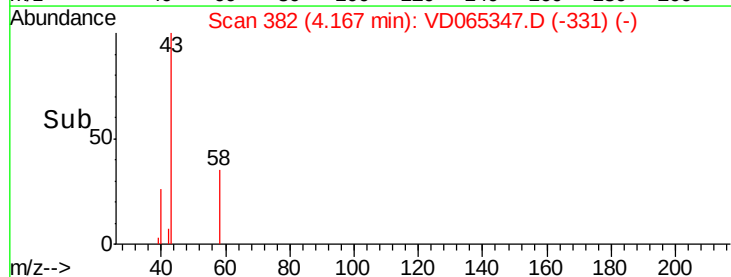
3000

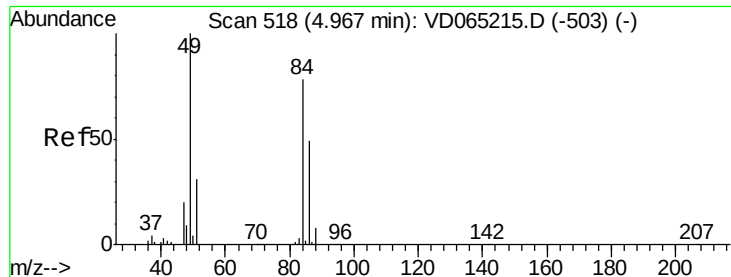
2000

1000

0

Time-->

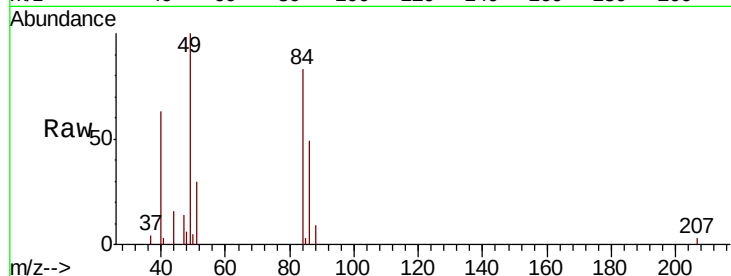




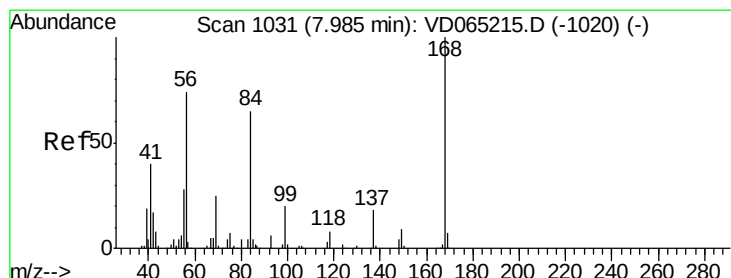
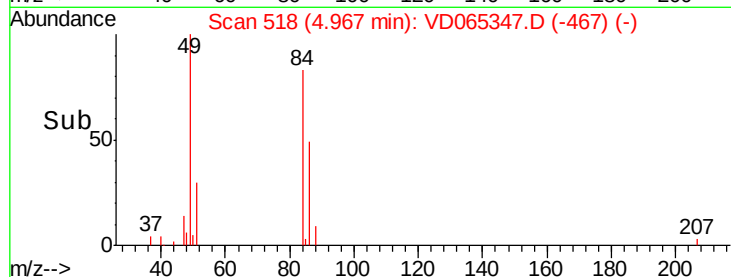
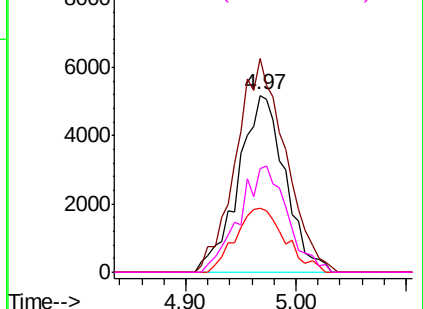
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065347.D
Acq: 27 Feb 2020 16:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 15377
Ion Ratio Lower Upper
84 100
49 120.7 103.1 154.7
51 36.0 31.7 47.5
86 58.7 50.9 76.3

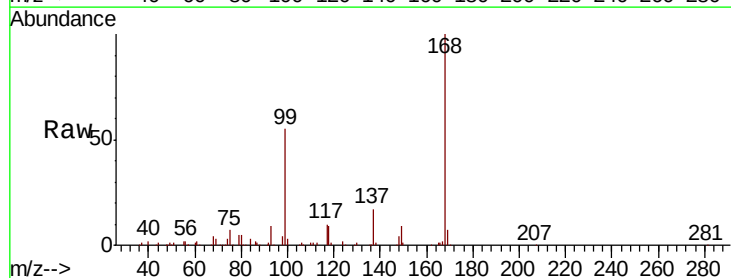


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

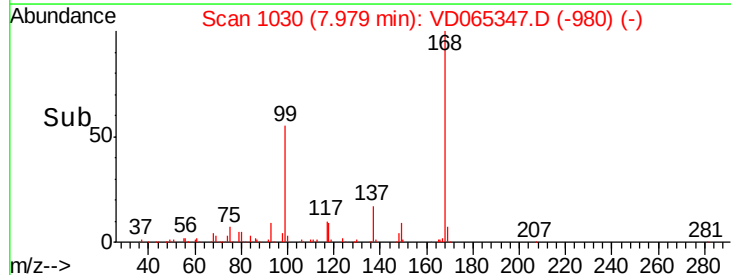
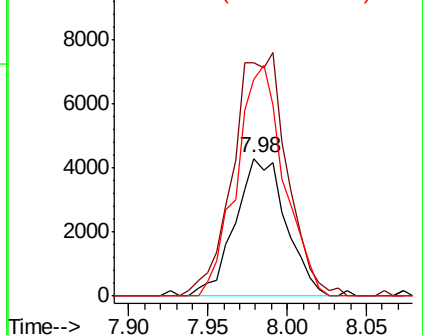


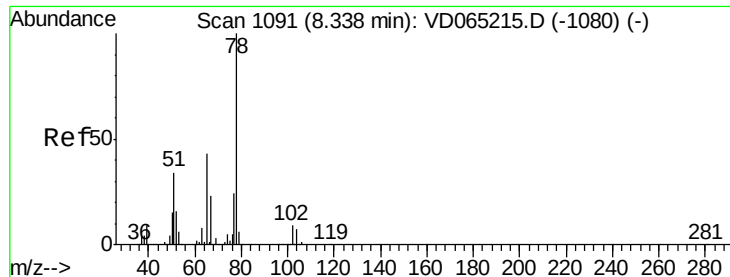
#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065347.D
Acq: 27 Feb 2020 16:25

Tgt Ion: 56 Resp: 9613
Ion Ratio Lower Upper
56 100
69 165.9 27.4 41.0#
84 157.6 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

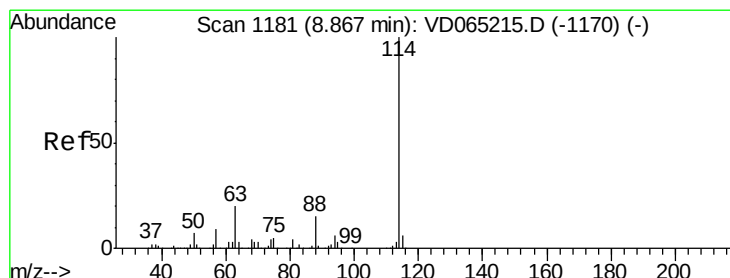
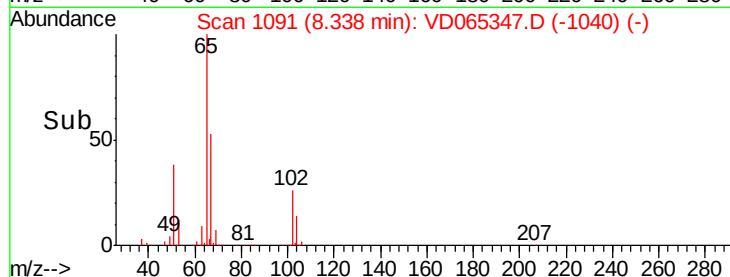
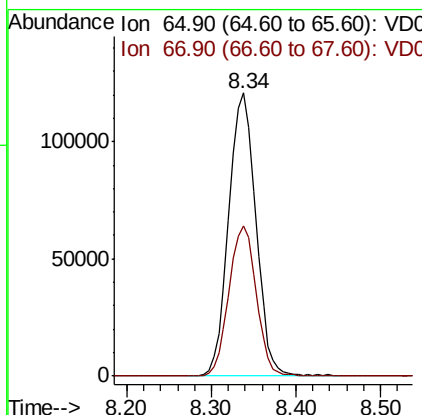
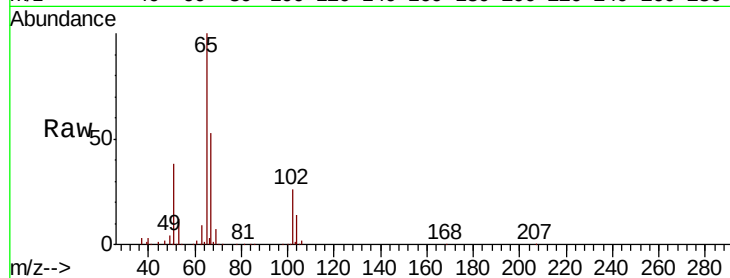




#33
 1,2-Dichloroethane-d4
 Concen: 59.831 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065347.D
 Acq: 27 Feb 2020 16:25

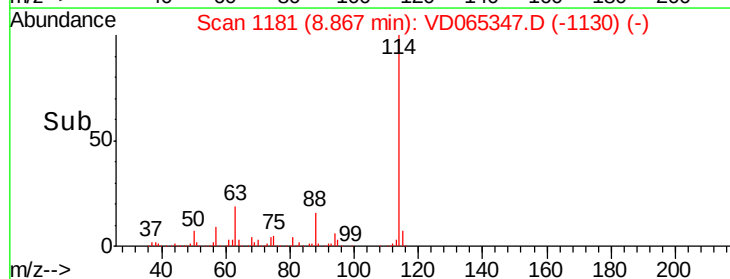
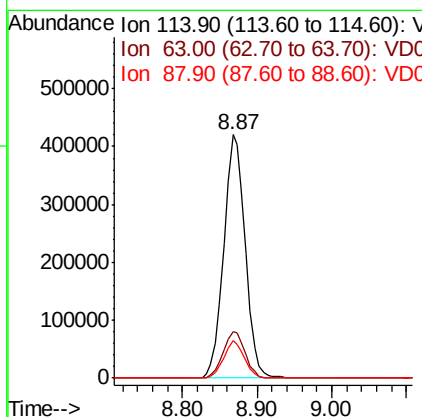
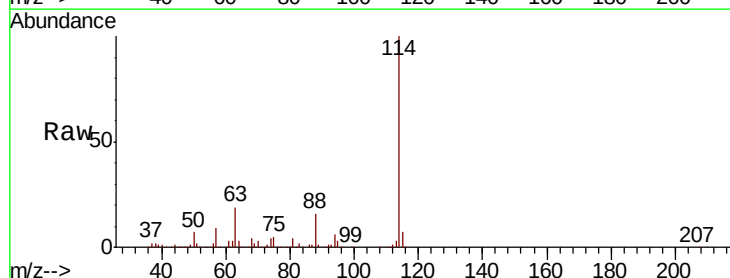
Instrument :
 MSVOA_D
 ClientSampleId :

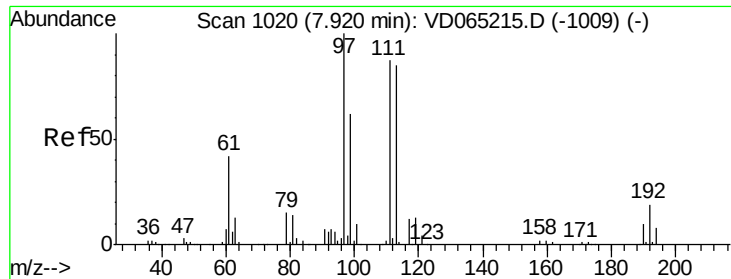
Tot Ion: 65 Resp: 268179
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065347.D
 Acq: 27 Feb 2020 16:25

Tgt Ion:114 Resp: 842651
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 15.7 0.0 30.4

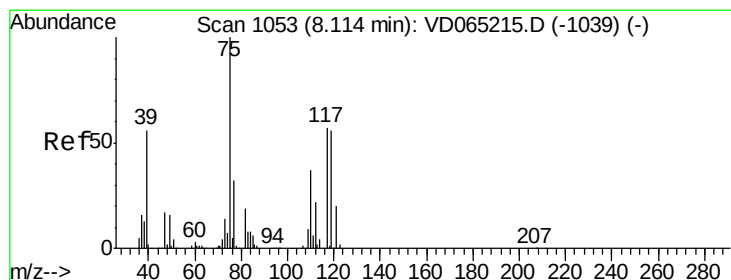
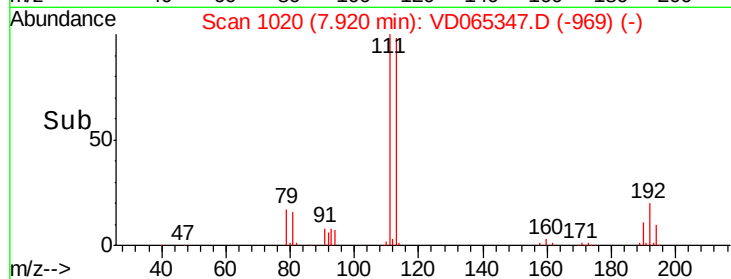
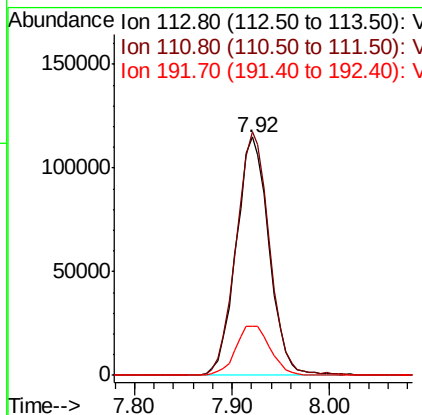
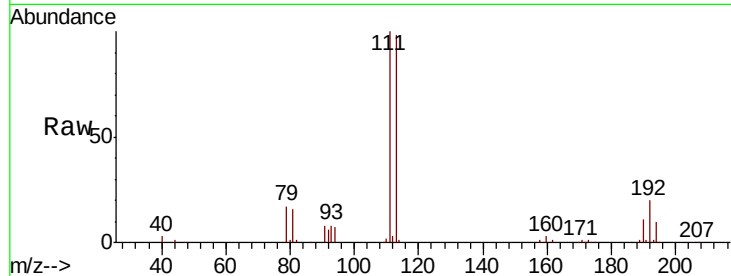




#35
 Dibromofluoromethane
 Concen: 52.656 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065347.D
 Acq: 27 Feb 2020 16:25

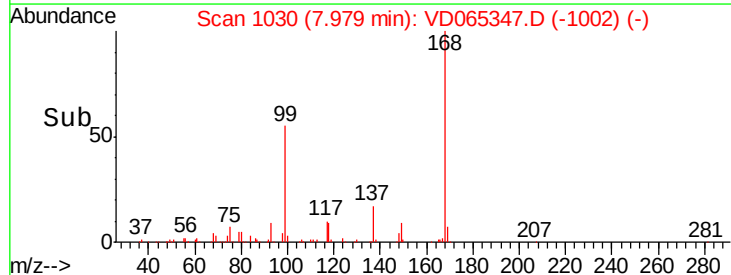
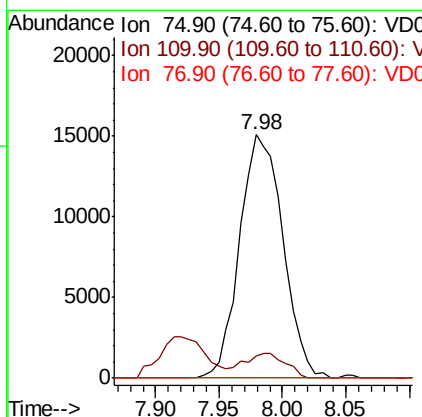
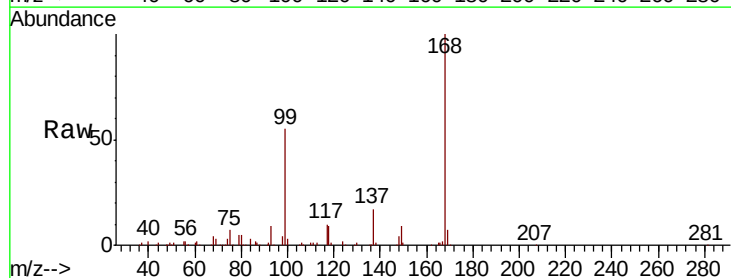
Instrument :
 MSVOA_D
 ClientSampleId :

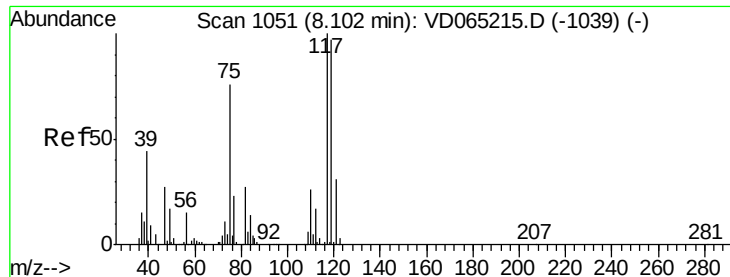
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	21.8	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.365 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065347.D
 Acq: 27 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.9	53.7#
77	0.0	25.1	37.7#

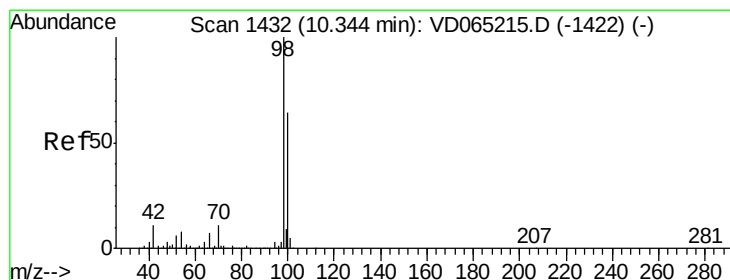
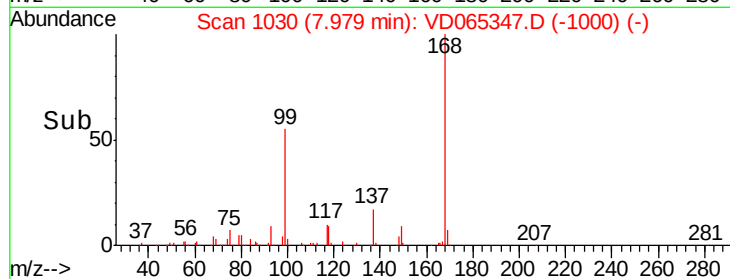
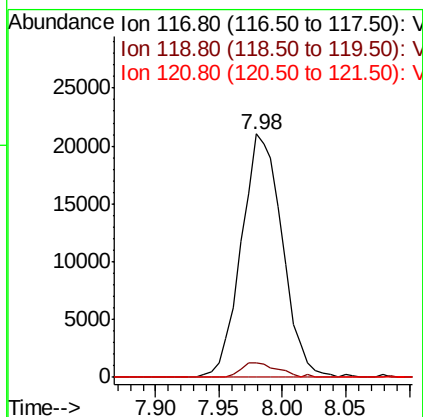
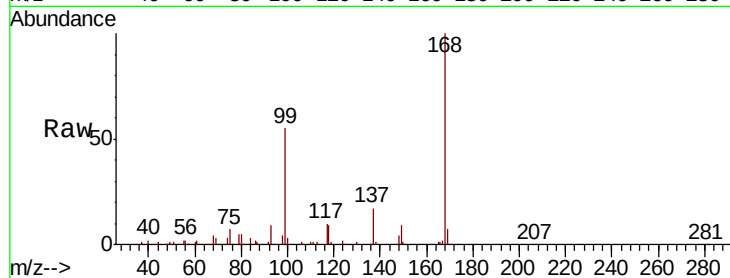




#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065347.D
Acq: 27 Feb 2020 16:25

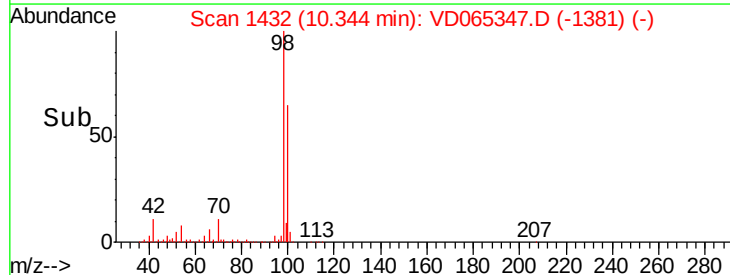
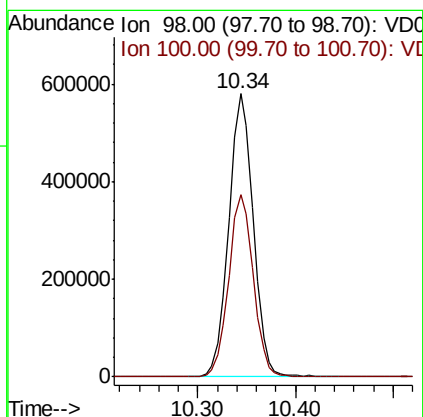
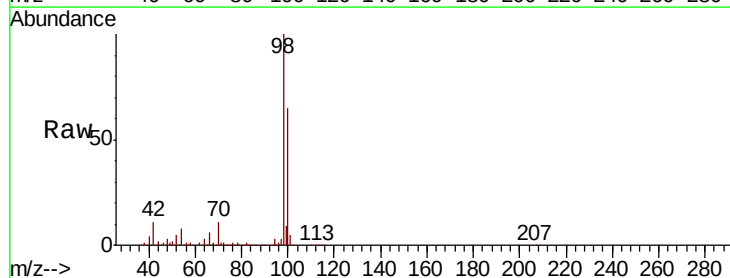
Instrument :
MSVOA_D
ClientSampleId :

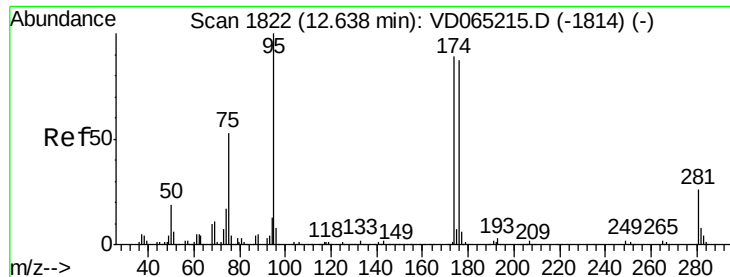
Tot Ion:117 Resp: 47121
Ion Ratio Lower Upper
117 100
119 5.7 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.566 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065347.D
Acq: 27 Feb 2020 16:25

Tgt Ion: 98 Resp: 1012855
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

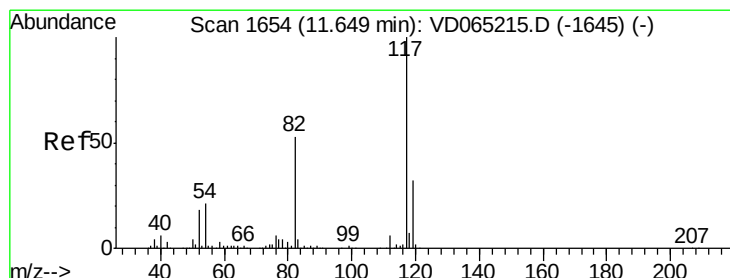
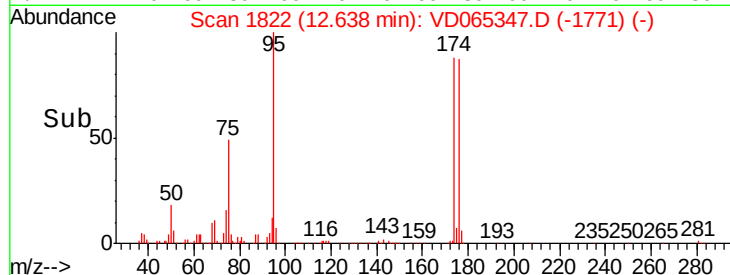
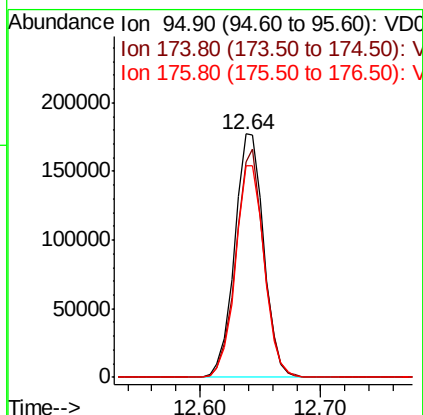
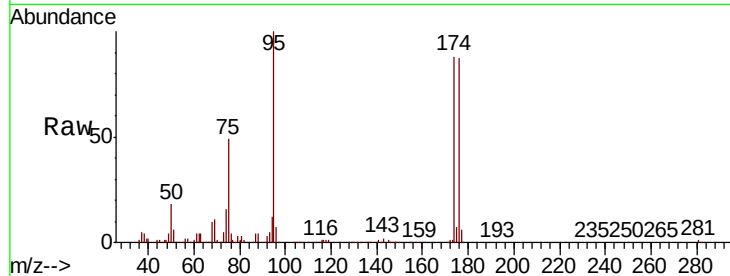




#62
4-Bromofluorobenzene
Concen: 47.790 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065347.D
Acq: 27 Feb 2020 16:25

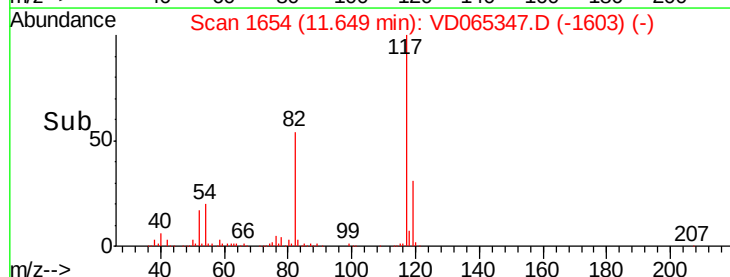
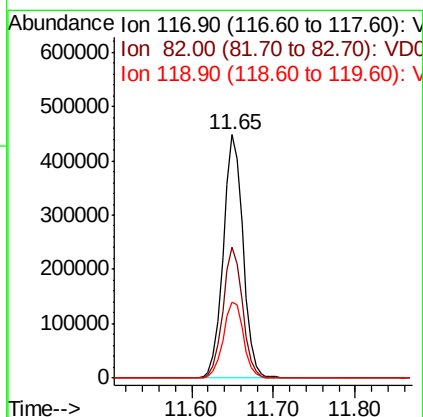
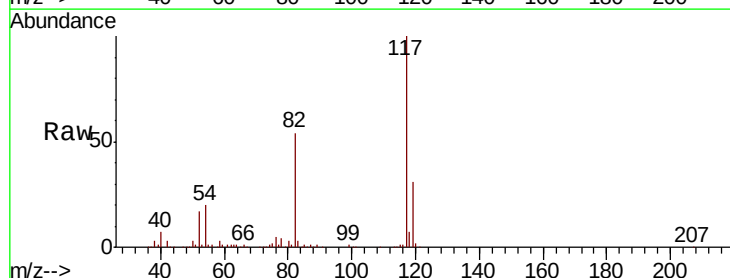
Instrument :
MSVOA_D
ClientSampled :

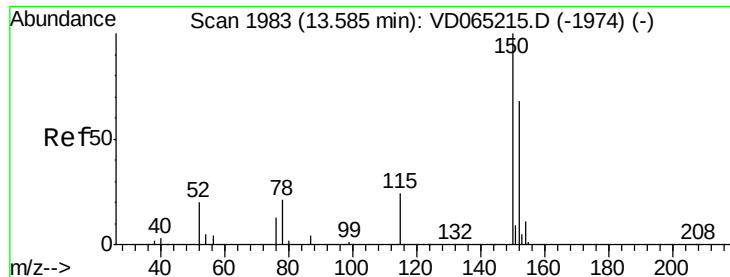
Tot Ion: 95 Resp: 297372
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.0
176 86.3 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065347.D
Acq: 27 Feb 2020 16:25

Tgt Ion: 117 Resp: 752323
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 31.3 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: VD065347.D

Acq: 27 Feb 2020 16:25

Instrument :

MSVOA_D

ClientSampled :

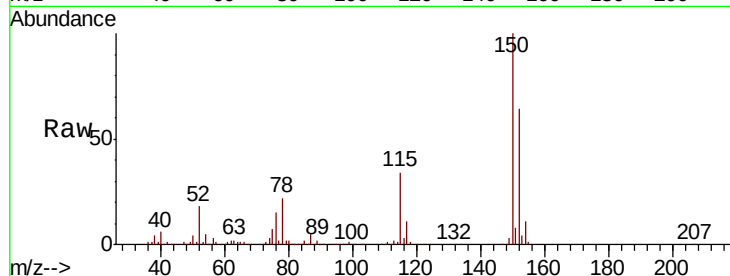
Tot Ion:152 Resp: 323700

Ion Ratio Lower Upper

152 100

115 54.6 27.6 82.8

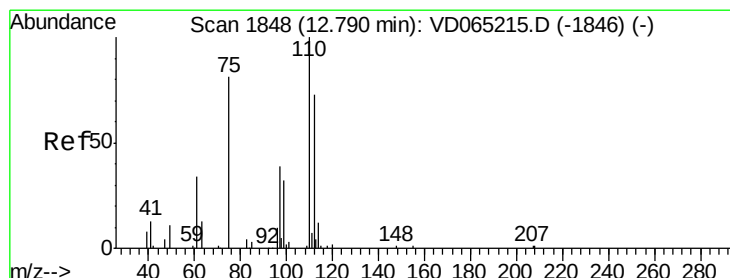
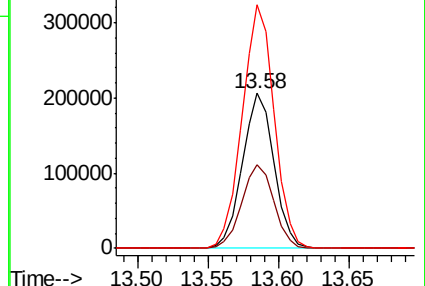
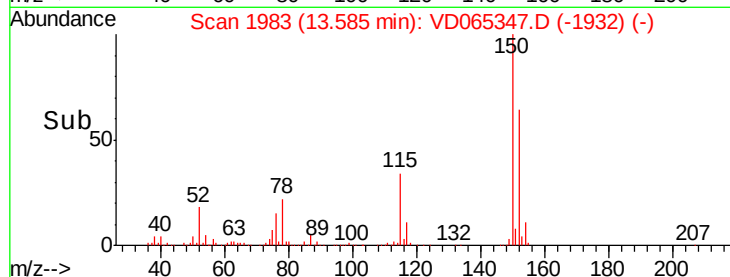
150 158.7 0.0 347.4



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: 52.093 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065347.D

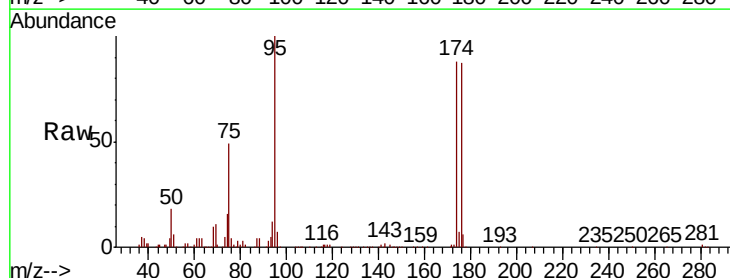
Acq: 27 Feb 2020 16:25

Tgt Ion: 75 Resp: 143470

Ion Ratio Lower Upper

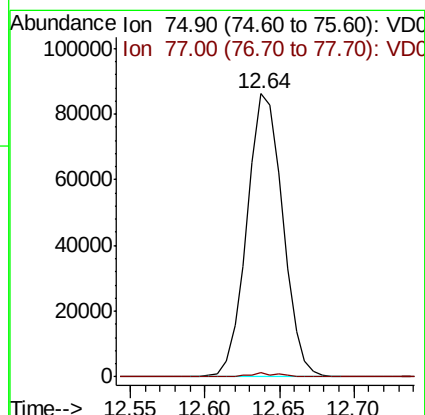
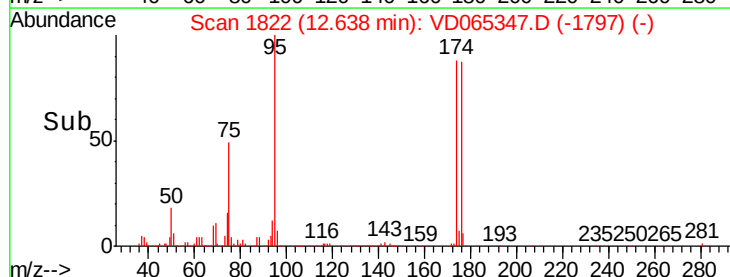
75 100

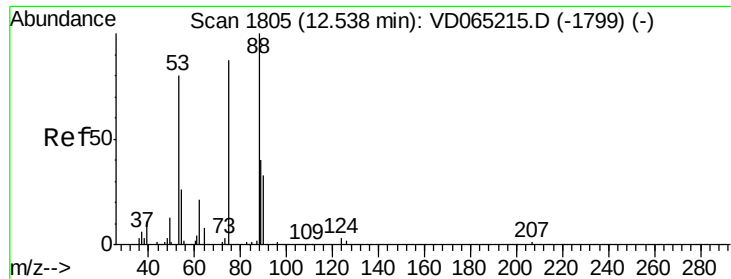
77 1.1 0.0 0.0#



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: 112.477 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065347.D

Acq: 27 Feb 2020 16:25

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 143470

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.0 37.2 55.8#

