

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030520\
 Data File : VD065438.D
 Acq On : 05 Mar 2020 18:32
 Operator : VA/SY
 Sample : L1792-09RE
 Misc : 7.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 06 03:50:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	515830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	875052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	806910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	344181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	262897	59.41	ug/l	0.00
Spiked Amount			Recovery	=	118.82%	
35) Dibromofluoromethane	7.92	113	287664	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	
50) Toluene-d8	10.34	98	1060843	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.64	95	313267	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	

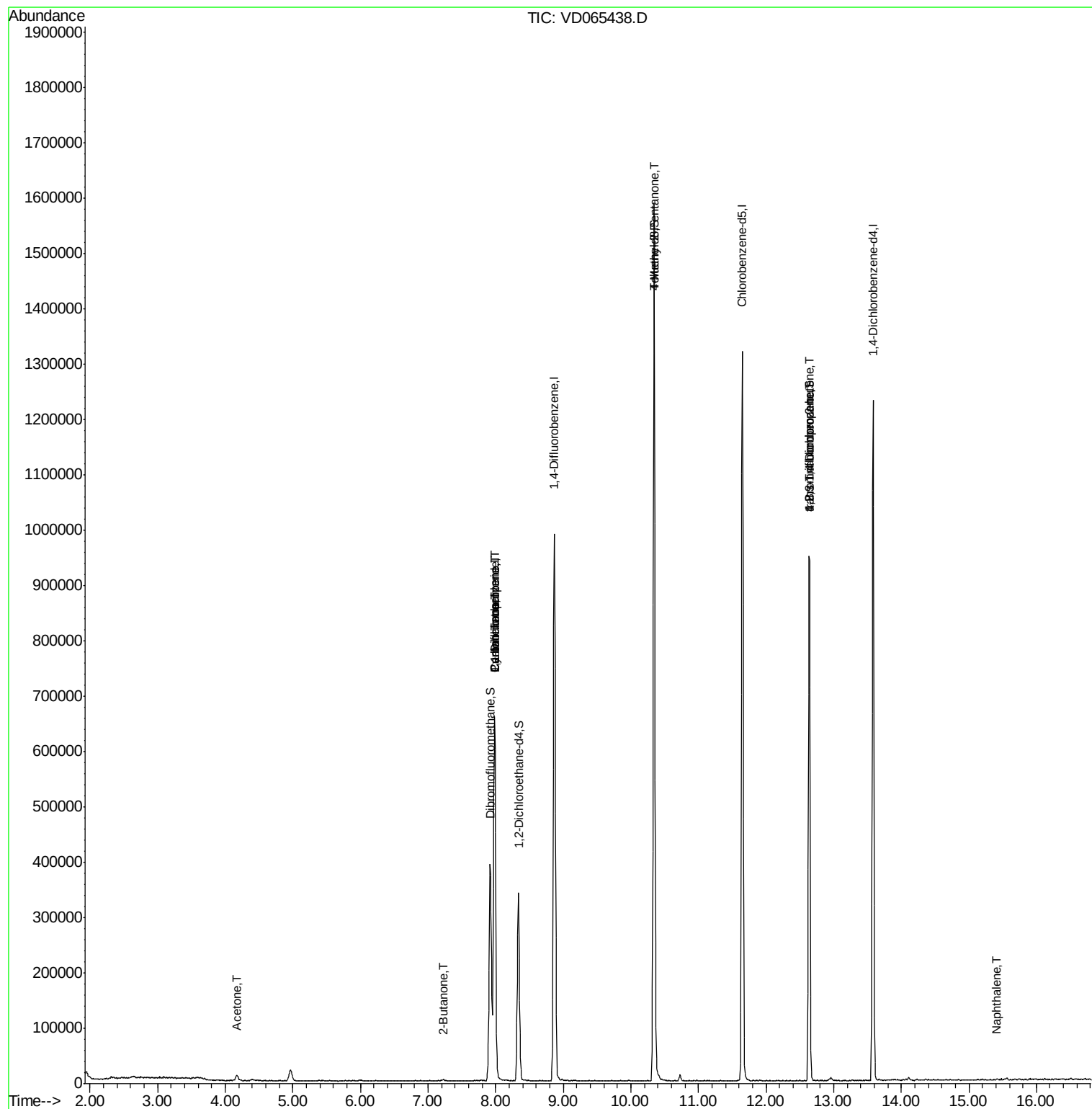
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	535	Below Cal		83
16) Acetone	4.17	43	18962	21.190	ug/l	97
20) Methylene Chloride	4.97	84	15190	Below Cal		93
25) 2-Butanone	7.23	43	3030	2.481	ug/l	99
31) Cyclohexane	7.98	56	9973	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	36678	4.373	ug/l #	49
38) Carbon Tetrachloride	7.98	117	47743	5.489	ug/l #	19
51) 4-Methyl-2-Pentanone	10.34	43	4256	1.413	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	152063	55.991	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	152063	118.157	ug/l #	14
95) Naphthalene	15.41	128	1082	4.496	ug/l #	76

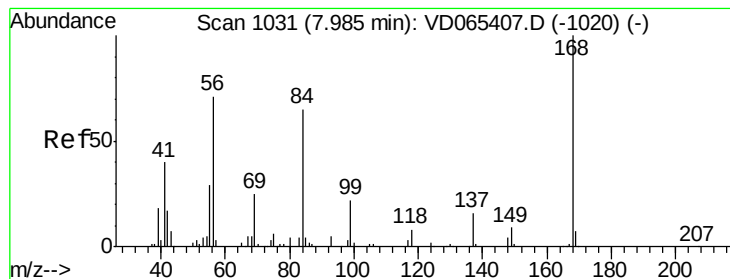
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030520\
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Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 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: VD065438.D

Acq: 05 Mar 2020 18:32

Instrument :

MSVOA_D

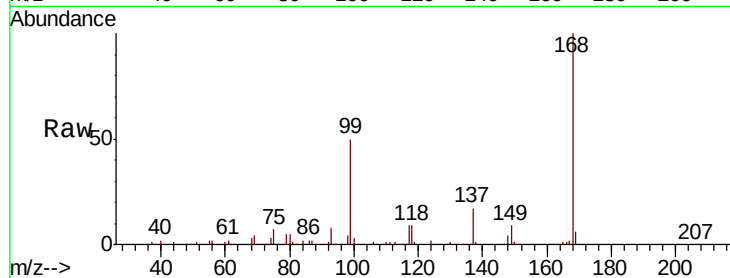
ClientSampleId :

Tot Ion:168 Resp: 515830

Ion Ratio Lower Upper

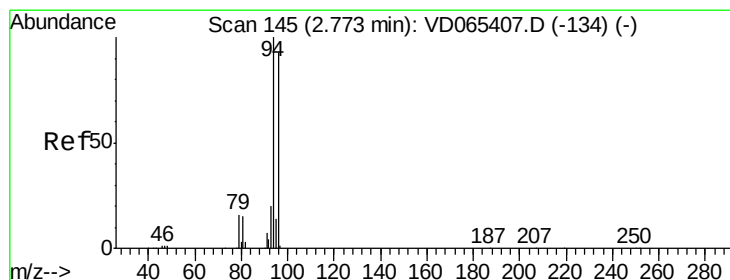
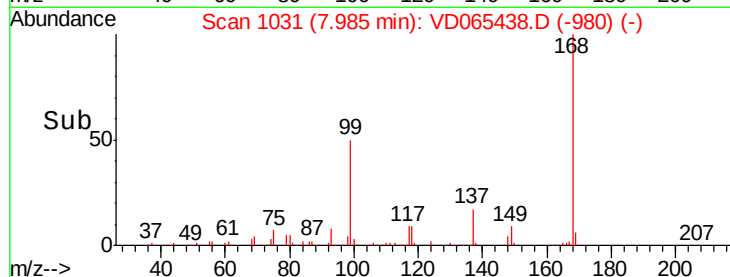
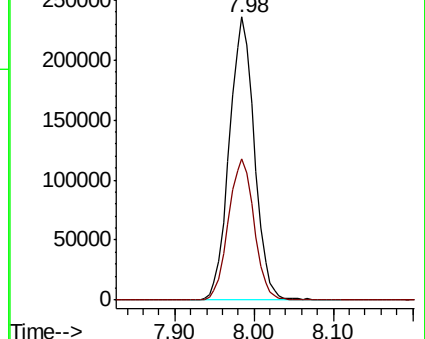
168 100

99 50.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD065438.D

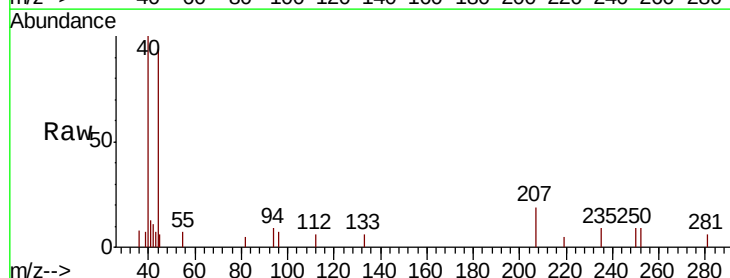
Acq: 05 Mar 2020 18:32

Tgt Ion: 94 Resp: 535

Ion Ratio Lower Upper

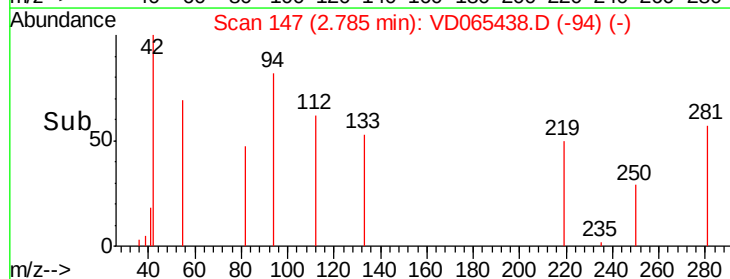
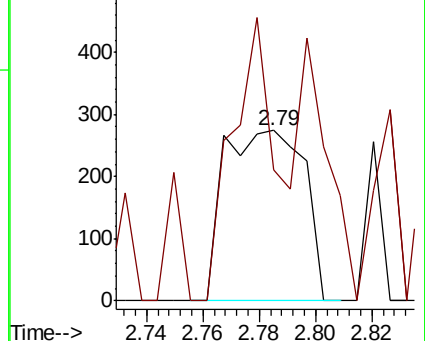
94 100

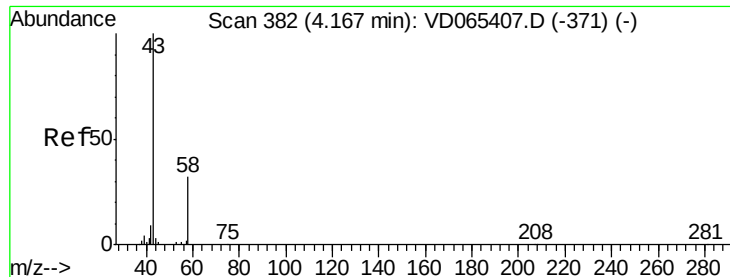
96 76.6 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 21.190 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065438.D

Acq: 05 Mar 2020 18:32

Instrument :

MSVOA_D

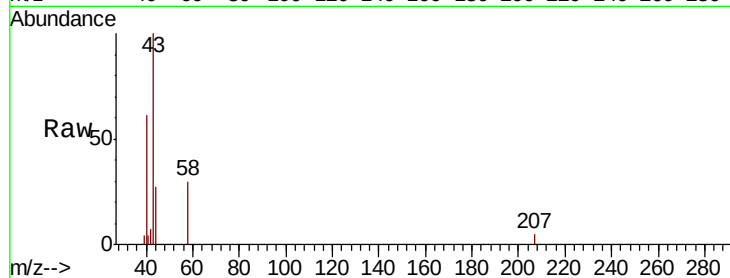
ClientSampleId :

Tot Ion: 43 Resp: 18962

Ion Ratio Lower Upper

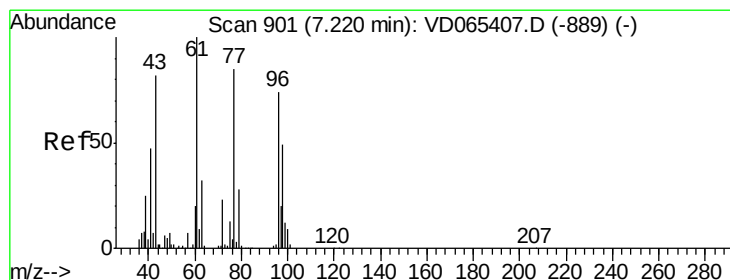
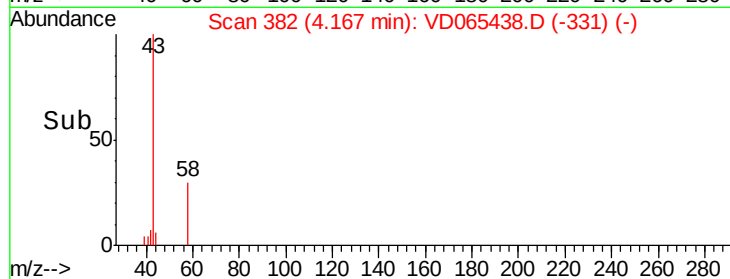
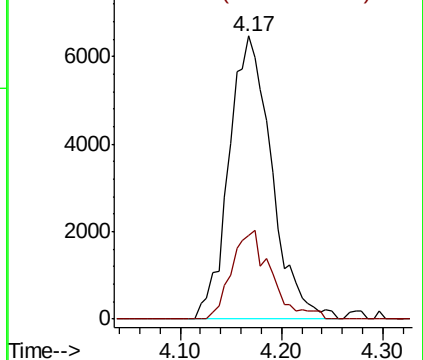
43 100

58 29.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#25

2-Butanone

Concen: 2.481 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065438.D

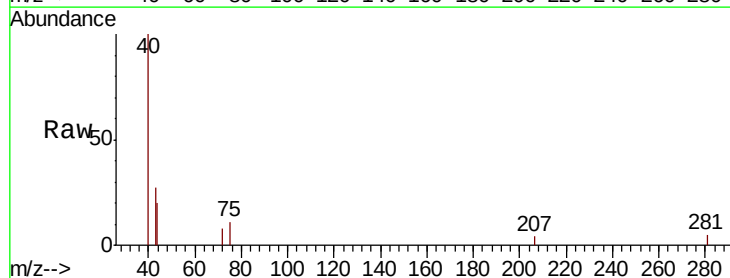
Acq: 05 Mar 2020 18:32

Tgt Ion: 43 Resp: 3030

Ion Ratio Lower Upper

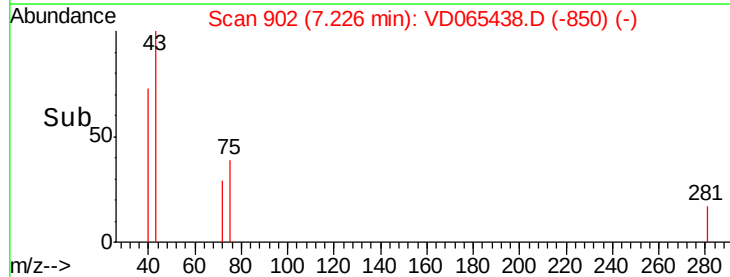
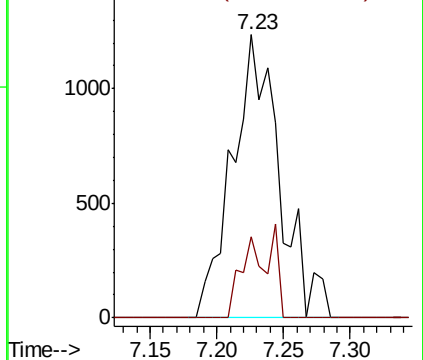
43 100

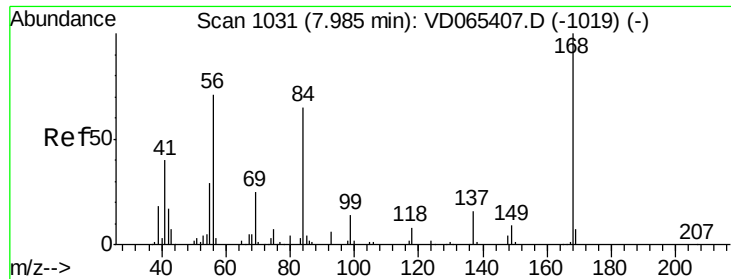
72 28.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

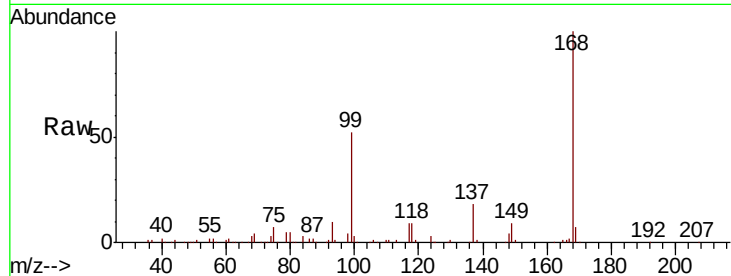




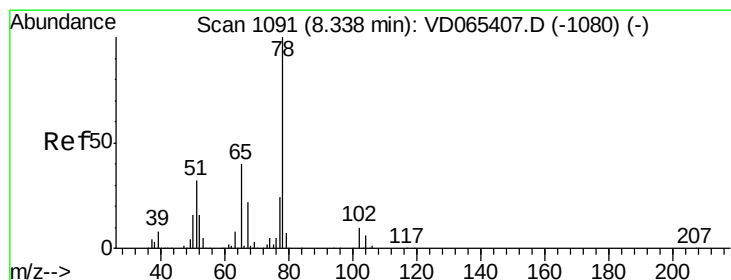
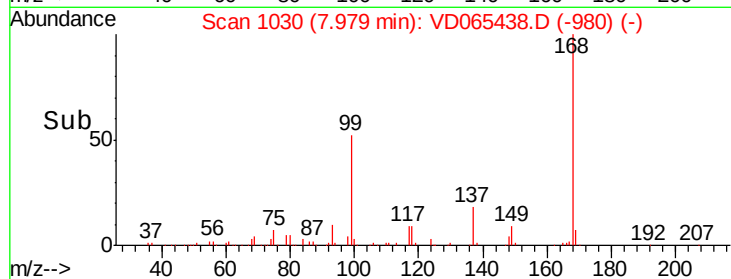
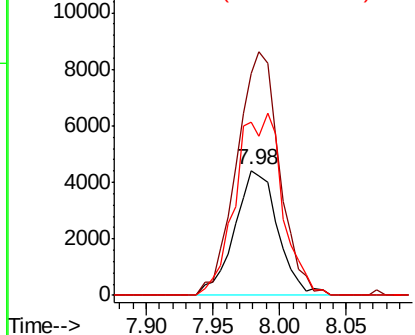
#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion: 56 Resp: 9973
Ion Ratio Lower Upper
56 100
69 178.2 28.3 42.5#
84 139.4 73.1 109.7#

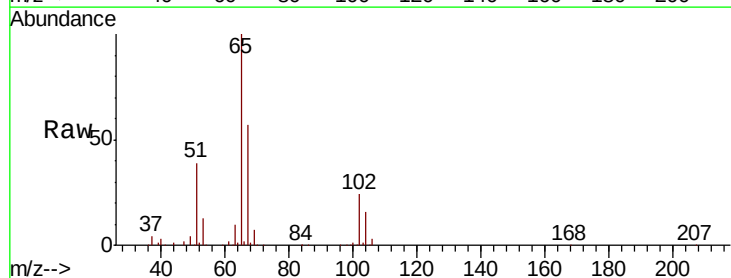


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

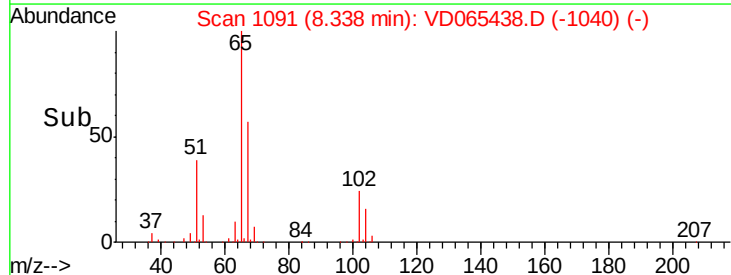
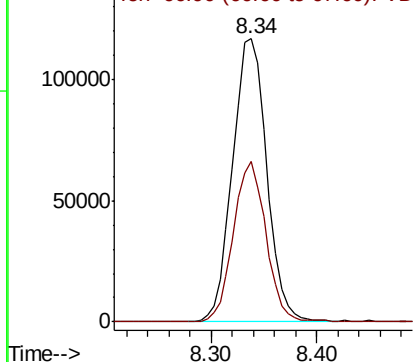


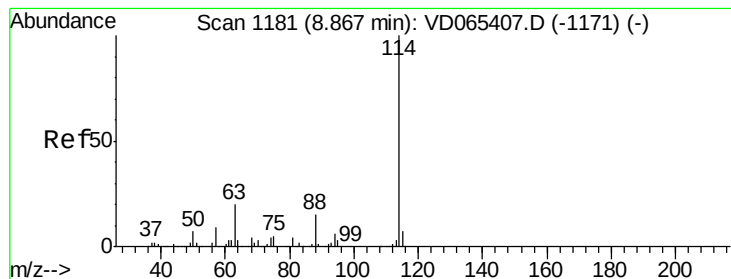
#33
1,2-Dichloroethane-d4
Concen: 59.415 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

Tgt Ion: 65 Resp: 262897
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065438.D

Acq: 05 Mar 2020 18:32

Instrument :

MSVOA_D

ClientSampleId :

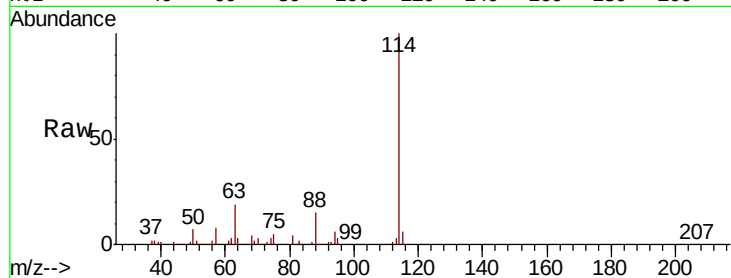
Tot Ion:114 Resp: 875052

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

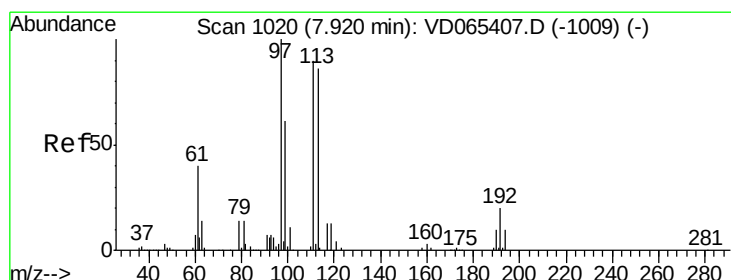
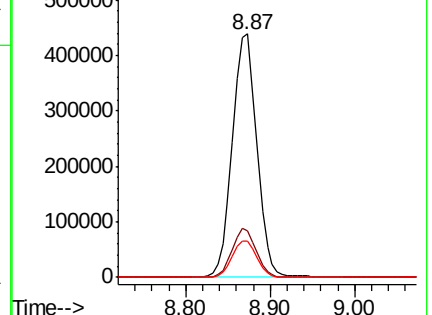
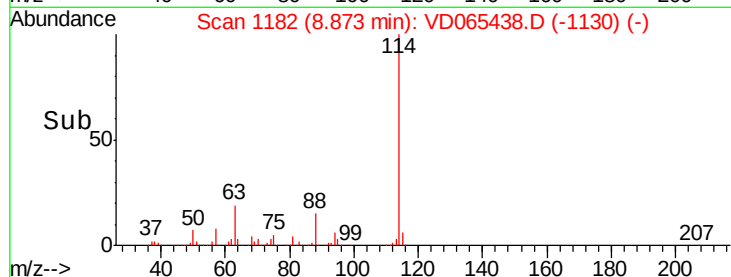
88 14.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.159 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065438.D

Acq: 05 Mar 2020 18:32

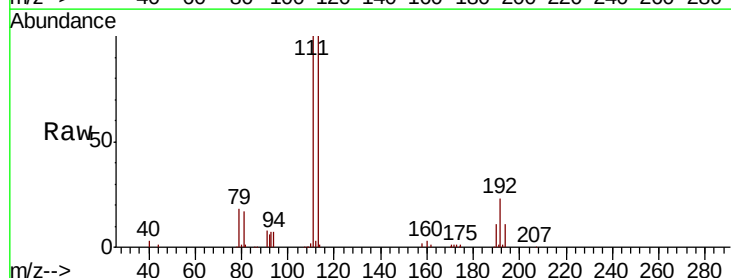
Tgt Ion:113 Resp: 287664

Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

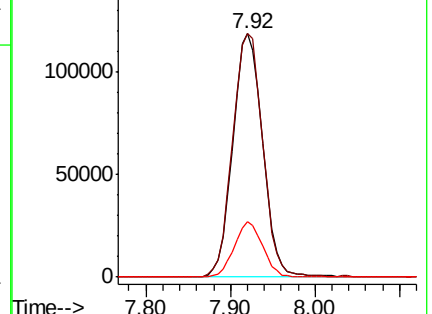
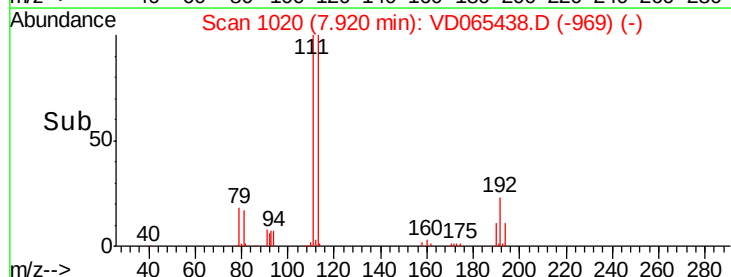
192 21.7 17.2 25.8

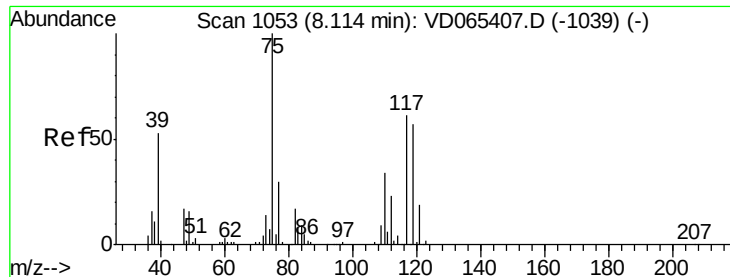


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

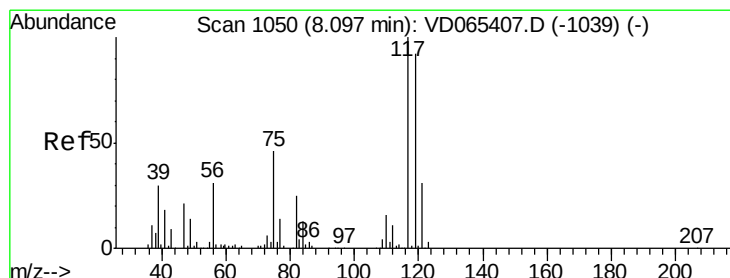
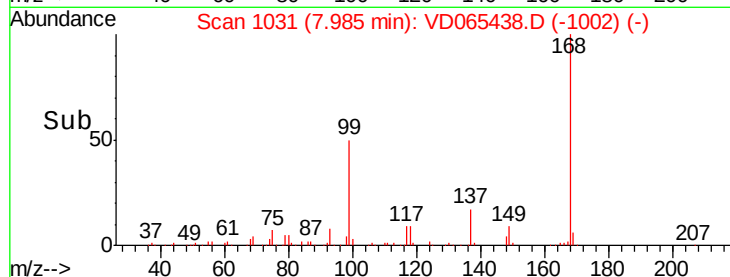
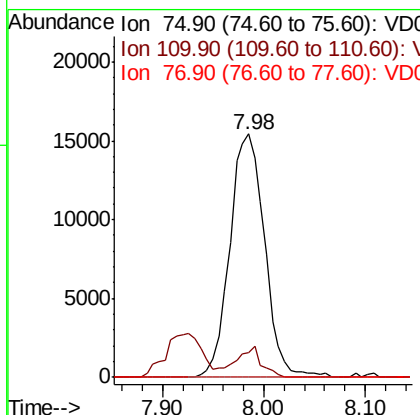
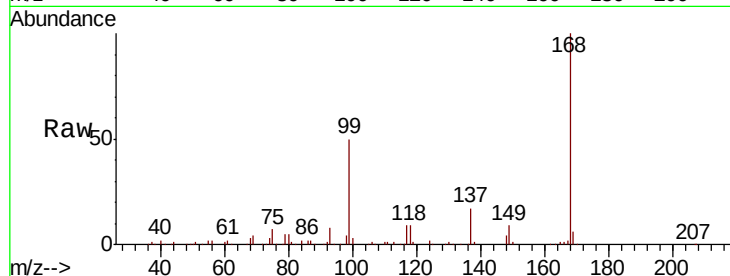




#36
 1,1-Dichloropropene
 Concen: 4.373 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065438.D
 Acq: 05 Mar 2020 18:32

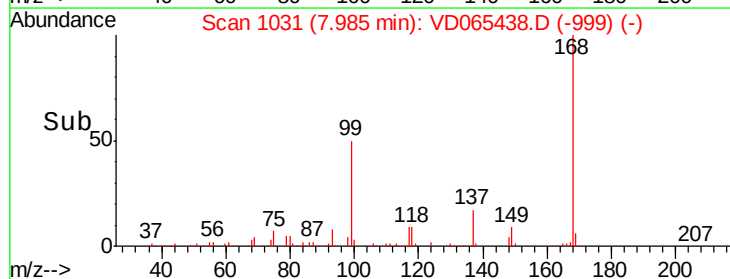
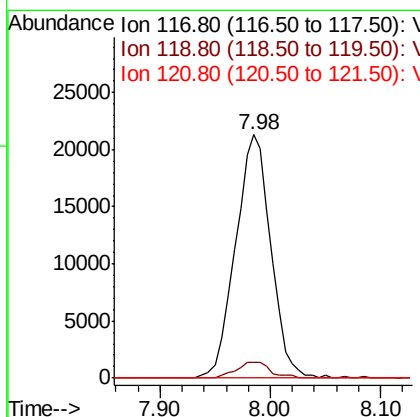
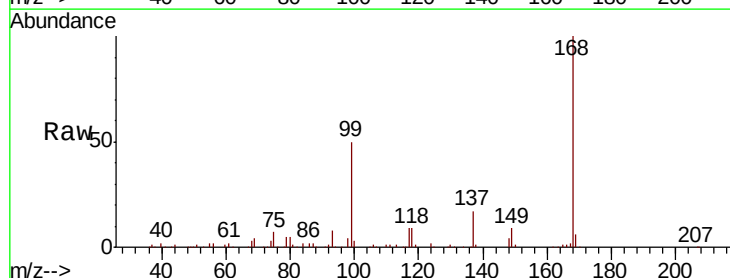
Instrument :
 MSVOA_D
 ClientSampled :

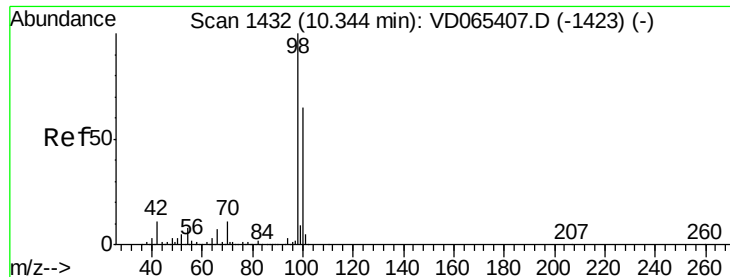
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.1#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.489 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065438.D
 Acq: 05 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	73.3	109.9#
121	0.0	25.0	37.4#

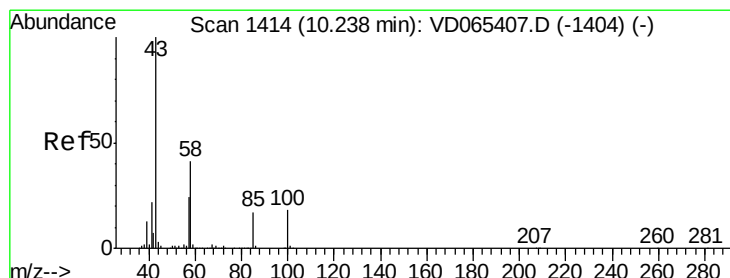
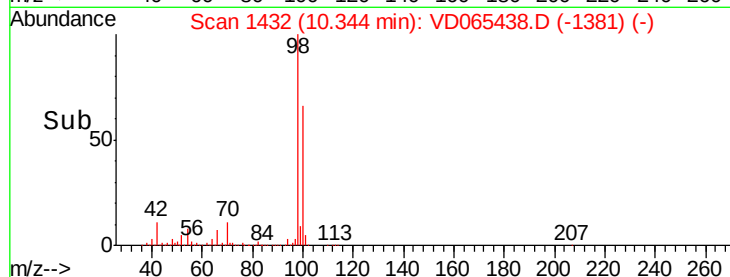
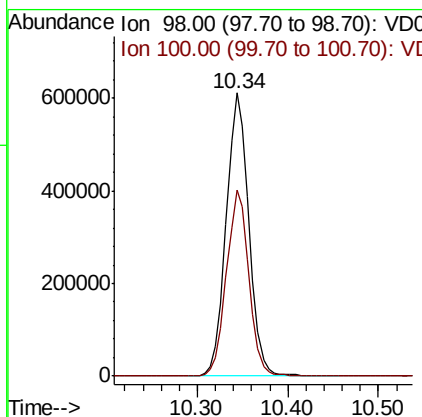
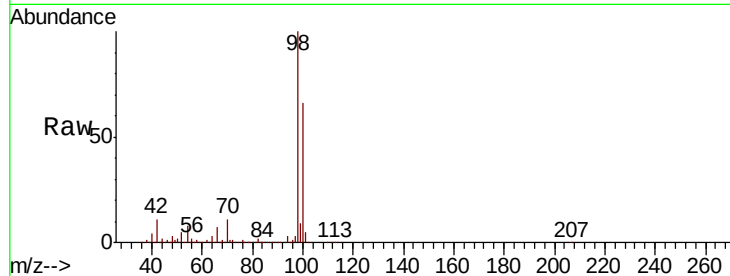




#50
Toluene-d8
Concen: 51.100 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

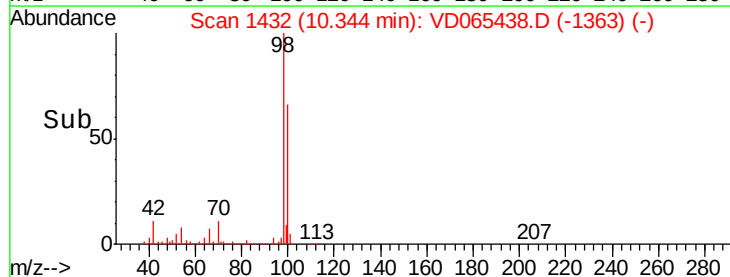
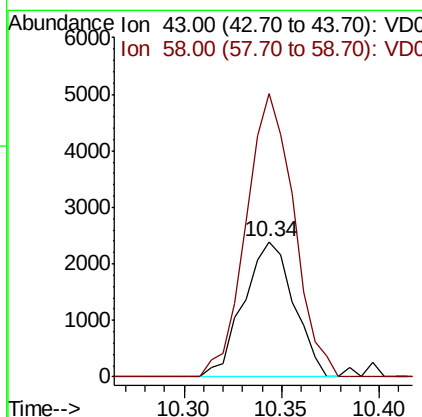
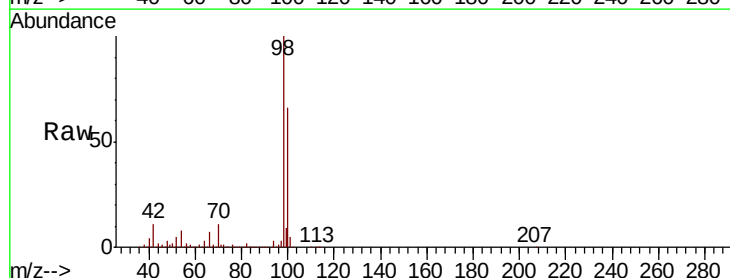
Instrument :
MSVOA_D
ClientSampleId :

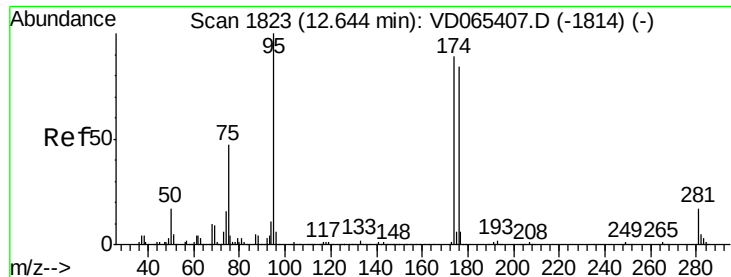
Tot Ion: 98 Resp: 1060843
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.413 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.11 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

Tgt Ion: 43 Resp: 4256
Ion Ratio Lower Upper
43 100
58 199.4 31.8 47.6#

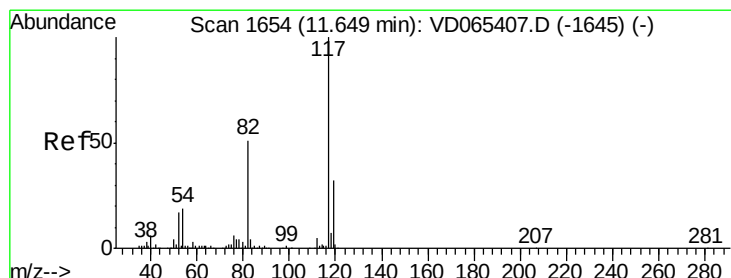
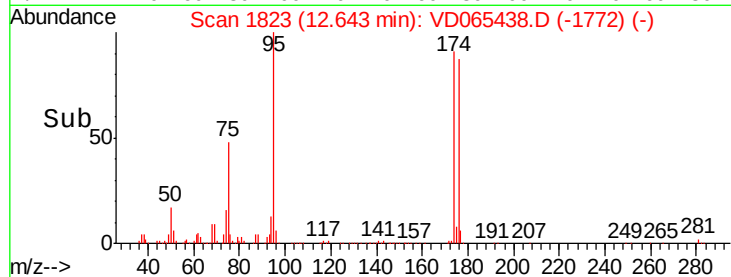
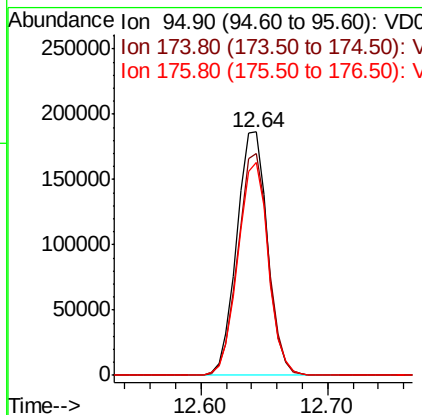
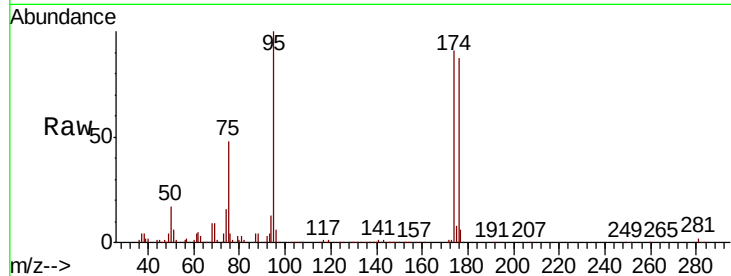




#62
4-Bromofluorobenzene
Concen: 48.881 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

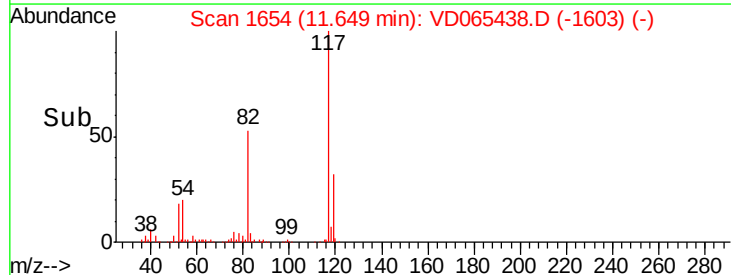
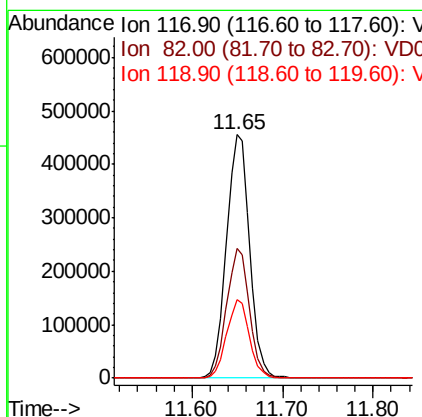
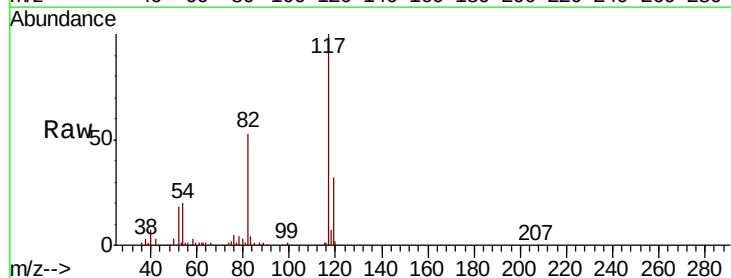
Instrument :
MSVOA_D
ClientSampled :

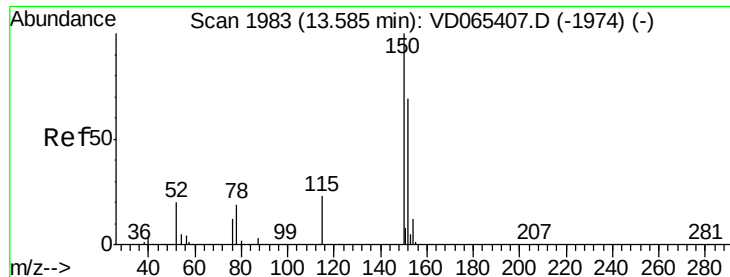
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	176.8
176	86.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.6	60.8
119	32.3	25.4	38.2



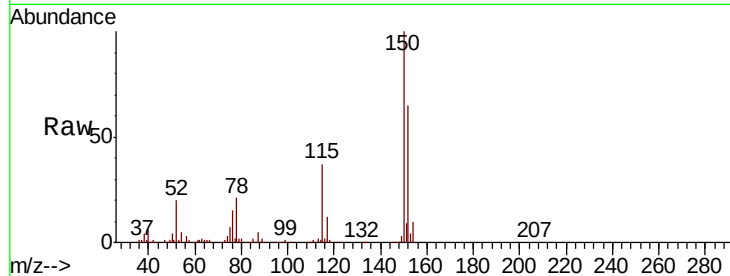


#72

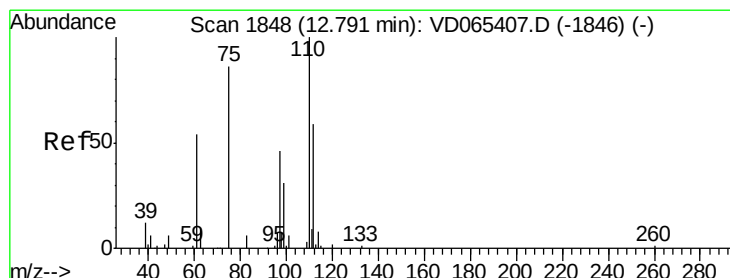
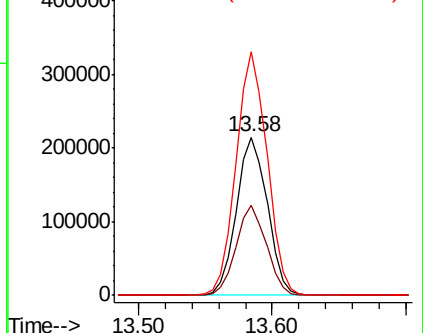
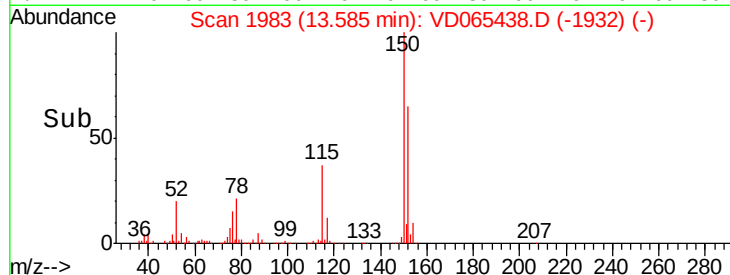
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 344181
Ion Ratio Lower Upper
152 100
115 55.6 27.6 82.8
150 154.8 0.0 345.0



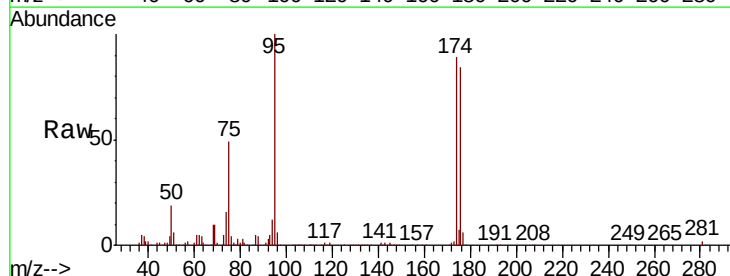
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



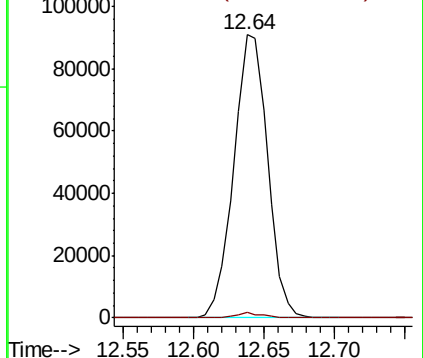
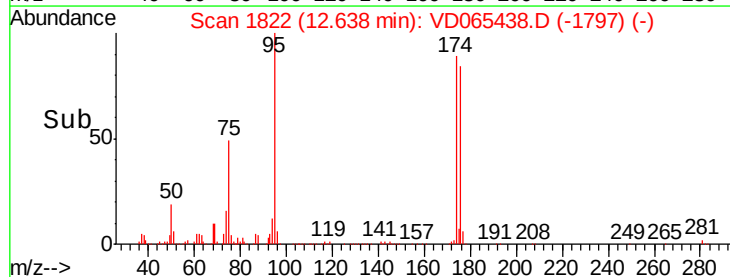
#76

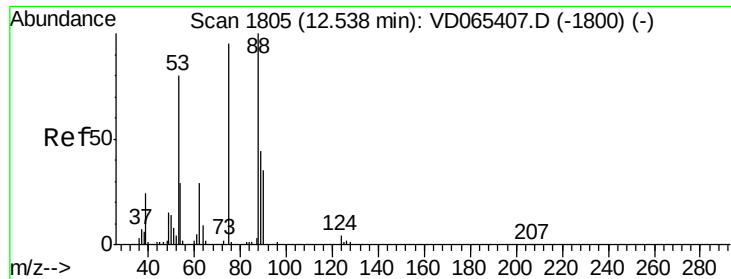
1,2,3-Trichloropropane
Concen: 55.991 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

Tgt Ion: 75 Resp: 152063
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC

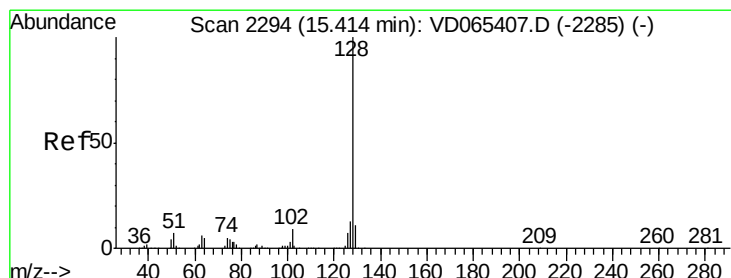
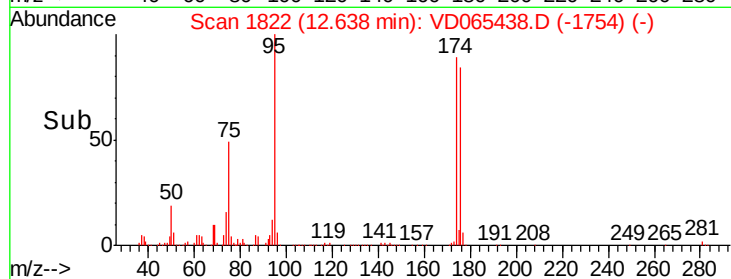
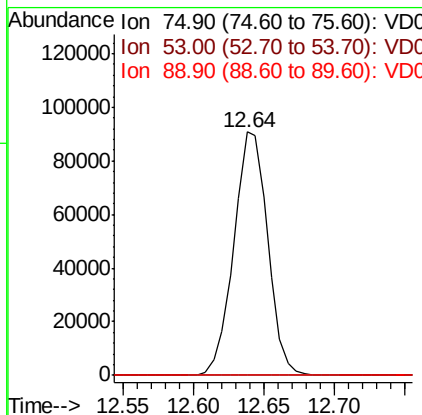
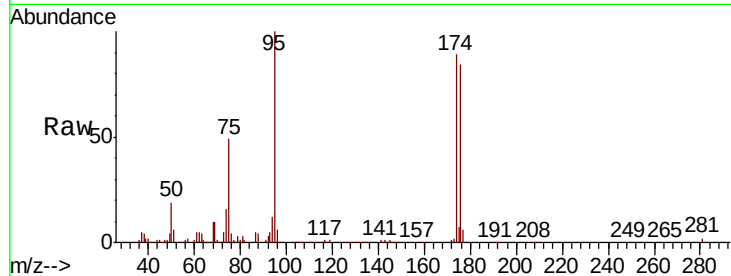




#81
trans-1,4-Dichloro-2-butene
Concen: 118.157 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 75 Resp: 152063
Ion Ratio Lower Upper
75 100
53 0.1 71.3 106.9#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 4.496 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065438.D
Acq: 05 Mar 2020 18:32

Tgt Ion:128 Resp: 1082
Ion Ratio Lower Upper
128 100
127 5.5 10.6 16.0#
129 0.0 8.7 13.1#

