

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020520\
 Data File : VD065067.D
 Acq On : 05 Feb 2020 16:36
 Operator : VA/SY
 Sample : VD0205SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0205SBL01

Quant Time: Feb 06 06:02:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	671012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1029129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1011253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	503986	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	300052	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	
35) Dibromofluoromethane	7.92	113	309666	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
50) Toluene-d8	10.34	98	1235059	54.04	ug/l	0.00
Spiked Amount			Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.64	95	455266	62.87	ug/l	0.00
Spiked Amount			Recovery	=	125.74%	

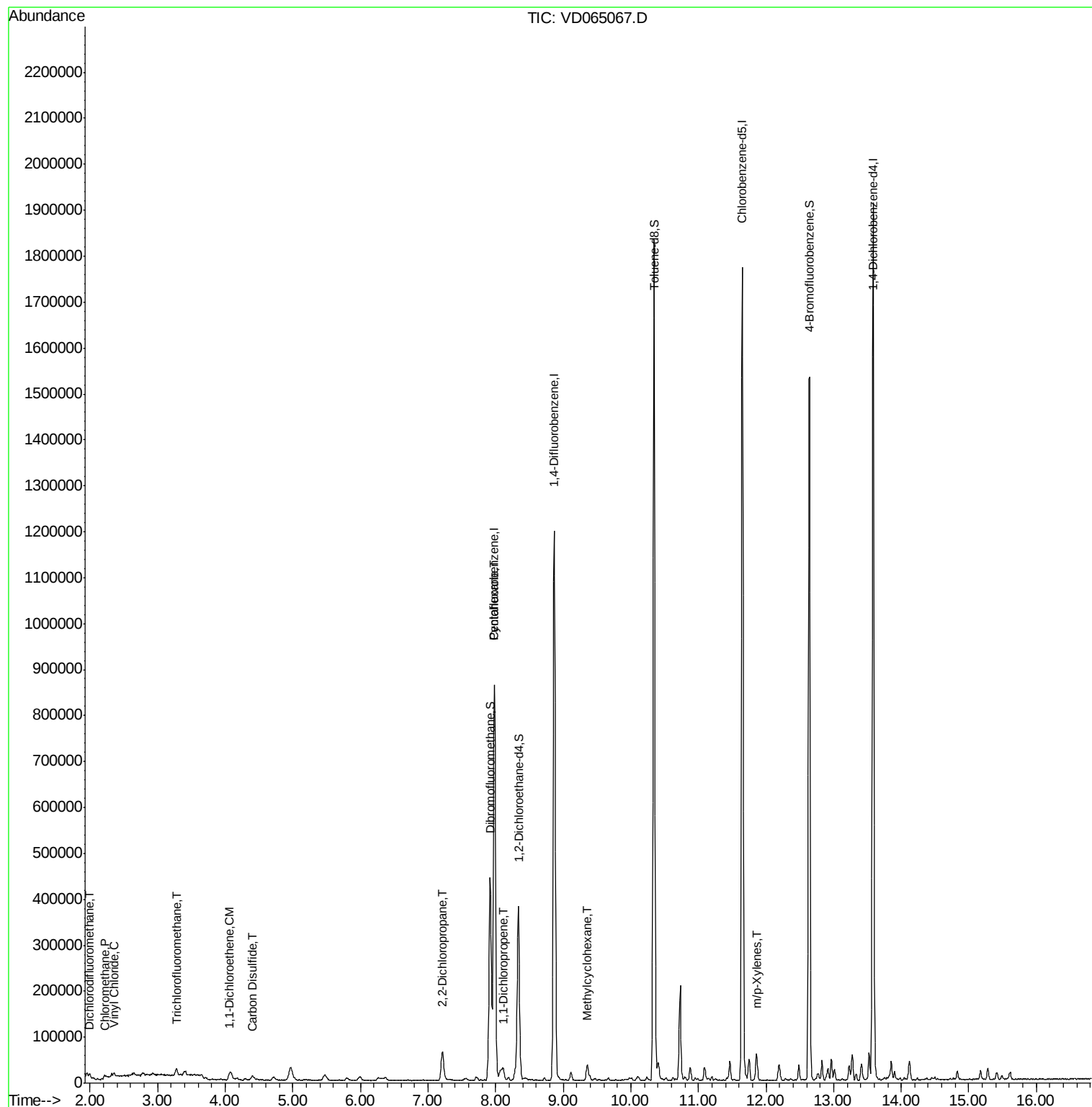
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	6440	1.153	ug/l	100
3) Chloromethane	2.21	50	7006	1.066	ug/l #	85
4) Vinyl Chloride	2.36	62	7195	1.035	ug/l	91
7) Trichlorofluoromethane	3.28	101	12122	1.198	ug/l	86
12) 1,1-Dichloroethene	4.06	96	6980	1.178	ug/l	87
17) Carbon Disulfide	4.40	76	20537	1.080	ug/l #	94
26) 2,2-Dichloropropane	7.21	77	10578	1.050	ug/l #	72
31) Cyclohexane	7.98	56	25088	2.211	ug/l #	49
36) 1,1-Dichloropropene	8.11	75	10276	1.074	ug/l	99
39) Methylcyclohexane	9.36	83	13157	1.114	ug/l	92
68) m/p-Xylenes	11.86	106	19537	1.440	ug/l	95

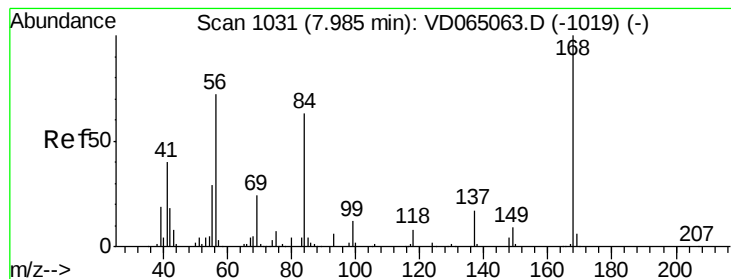
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020520\
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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065067.D

Acq: 05 Feb 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

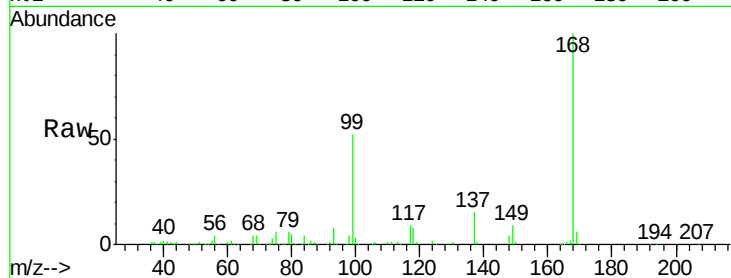
VD0205SBL01

Tot Ion:168 Resp: 671012

Ion Ratio Lower Upper

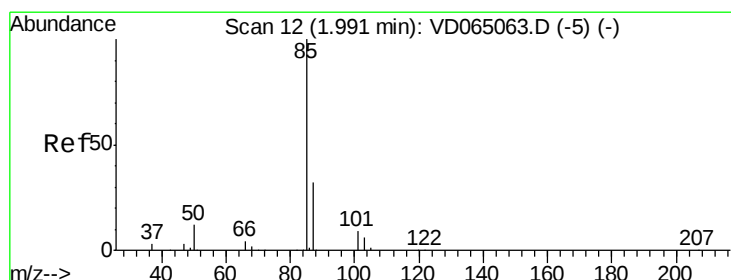
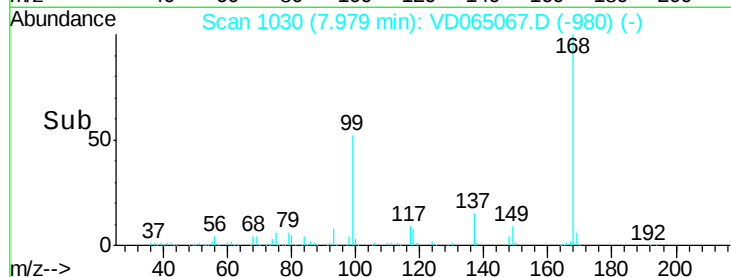
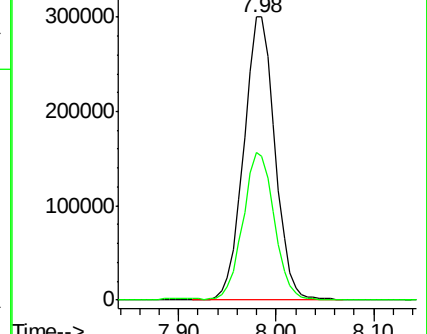
168 100

99 52.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 1.153 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065067.D

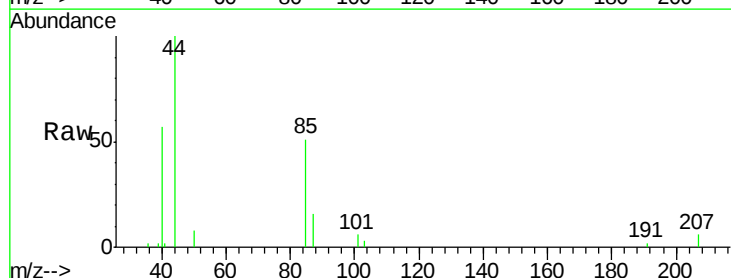
Acq: 05 Feb 2020 16:36

Tgt Ion: 85 Resp: 6440

Ion Ratio Lower Upper

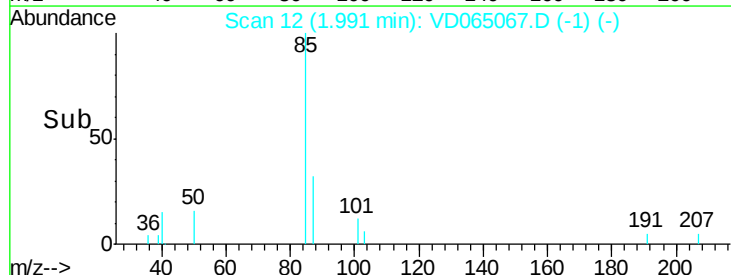
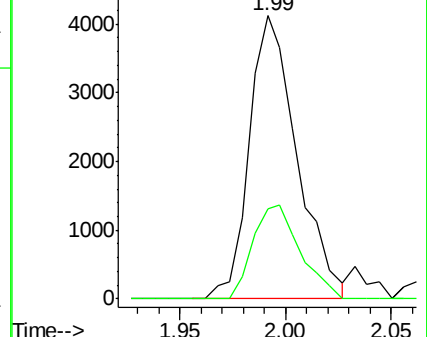
85 100

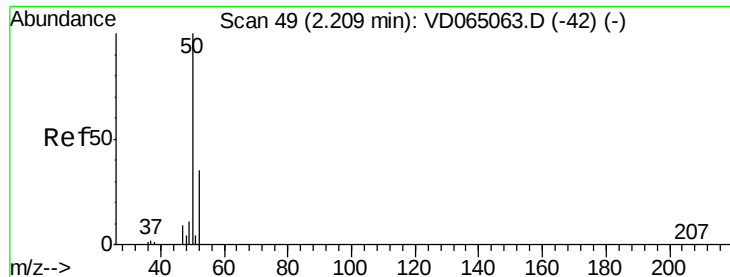
87 31.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 1.066 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VD065067.D

Acq: 05 Feb 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

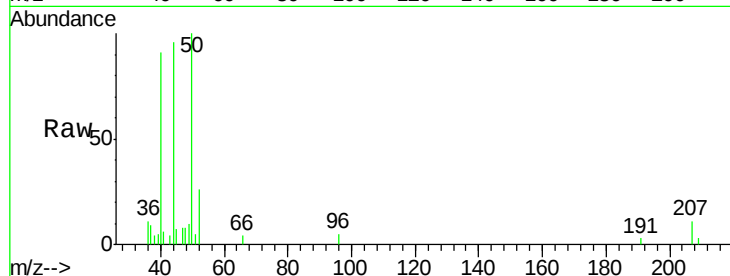
VD0205SBL01

Tot Ion: 50 Resp: 7006

Ion Ratio Lower Upper

50 100

52 26.2 27.8 41.6#

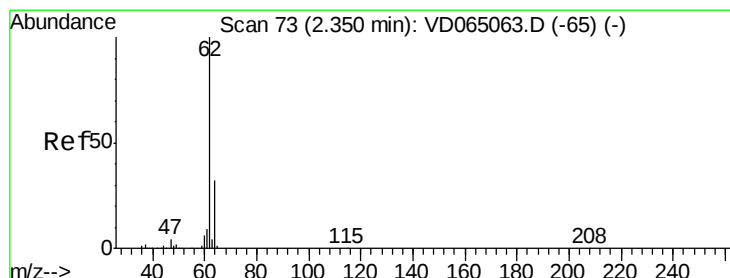
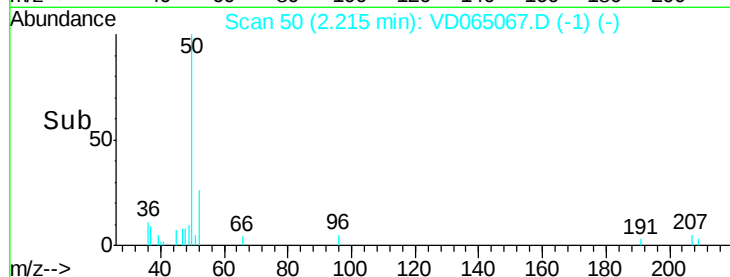


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

Time-->



#4

Vinyl Chloride

Concen: 1.035 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD065067.D

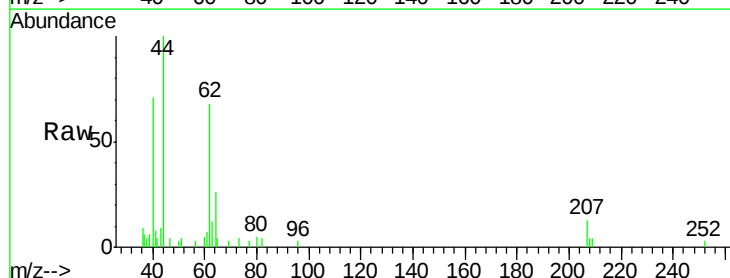
Acq: 05 Feb 2020 16:36

Tgt Ion: 62 Resp: 7195

Ion Ratio Lower Upper

62 100

64 37.7 25.9 38.9

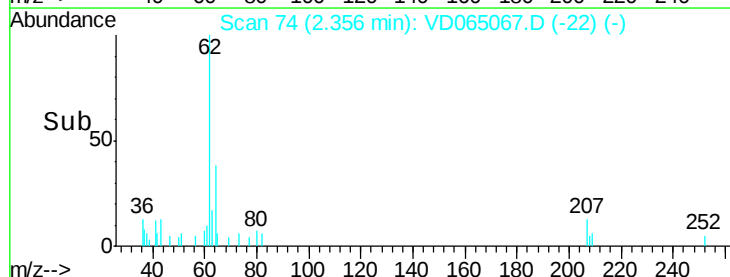


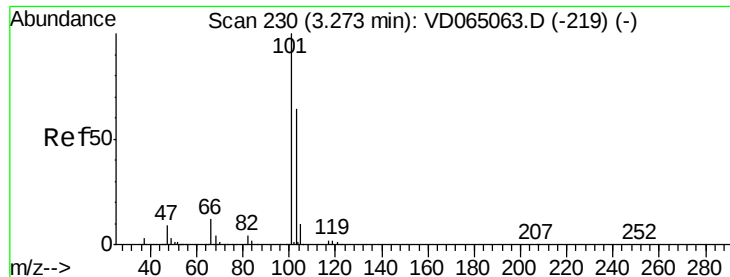
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.36

Time-->



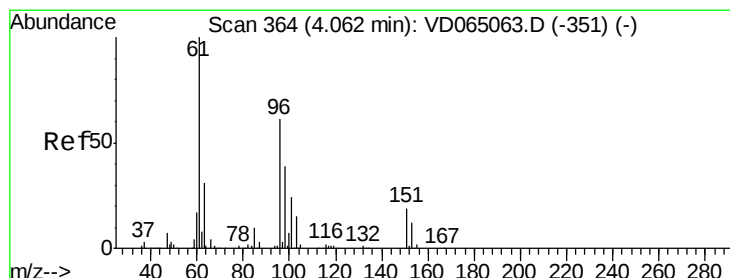
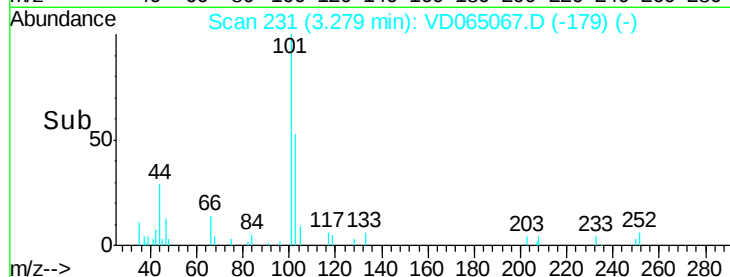
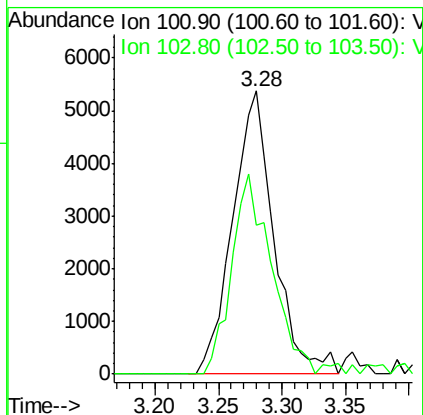
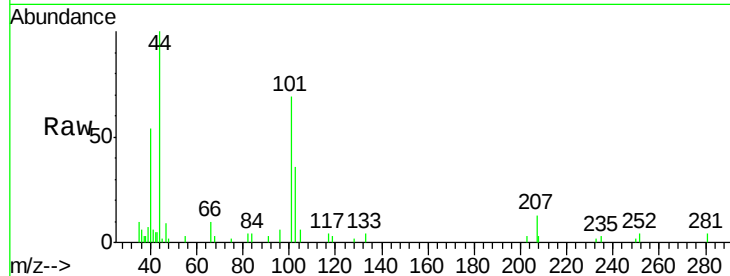


#7

Trichlorofluoromethane
Concen: 1.198 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD065067.D
Acq: 05 Feb 2020 16:36

Instrument :
MSVOA_D
ClientSampleId :
VD0205SBL01

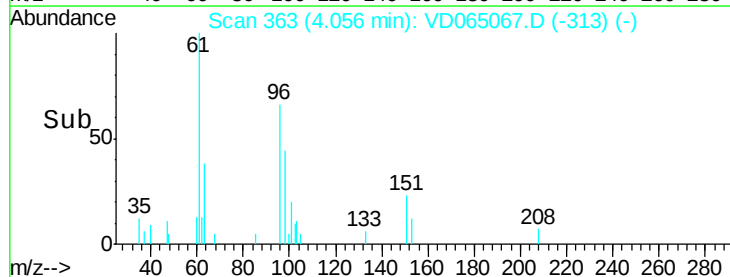
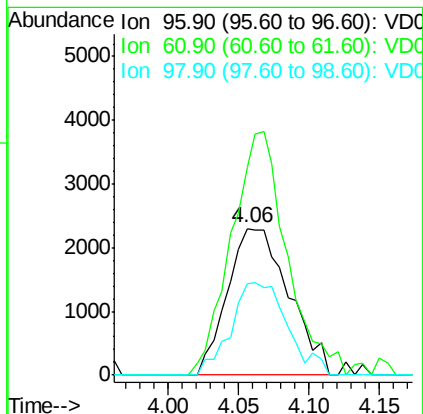
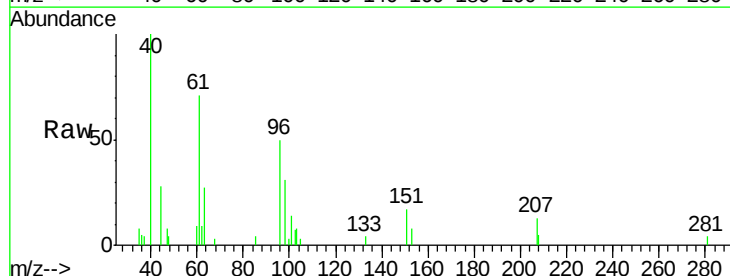
Tot Ion:101 Resp: 12122
Ion Ratio Lower Upper
101 100
103 52.7 51.0 76.6

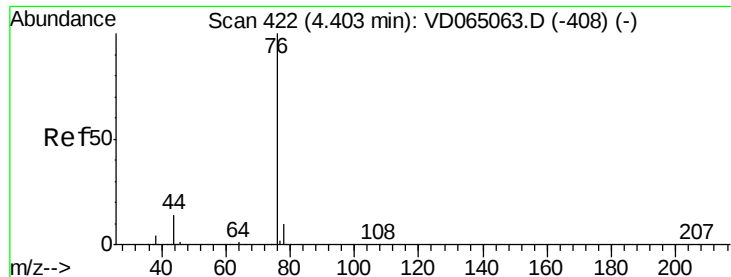


#12

1,1-Dichloroethene
Concen: 1.178 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD065067.D
Acq: 05 Feb 2020 16:36

Tgt Ion: 96 Resp: 6980
Ion Ratio Lower Upper
96 100
61 141.3 131.4 197.2
98 62.0 51.1 76.7

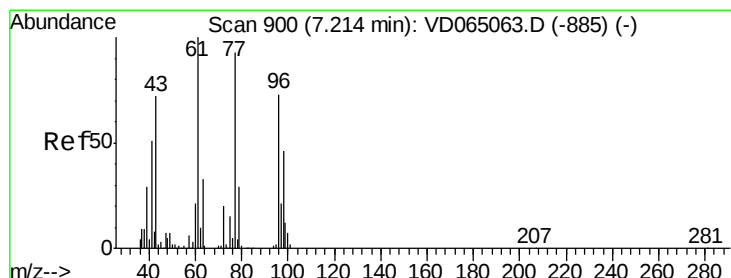
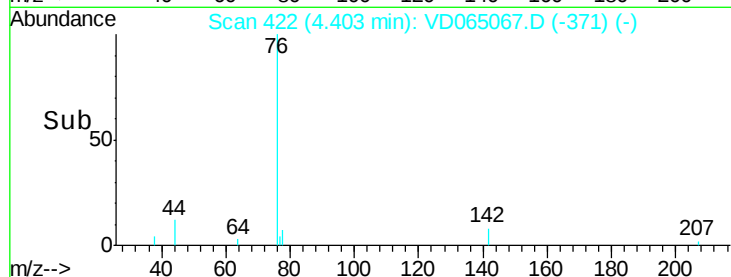
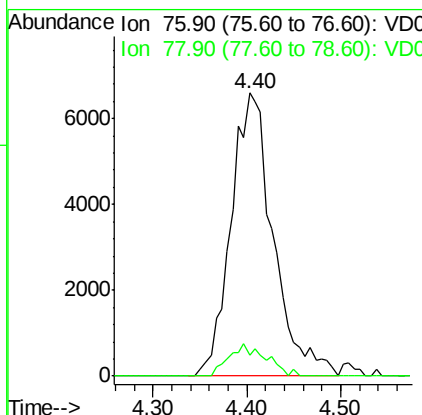
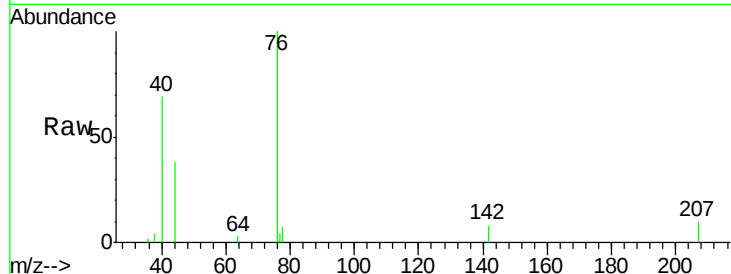




#17
Carbon Disulfide
Concen: 1.080 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.00 min
Lab File: VD065067.D
Acq: 05 Feb 2020 16:36

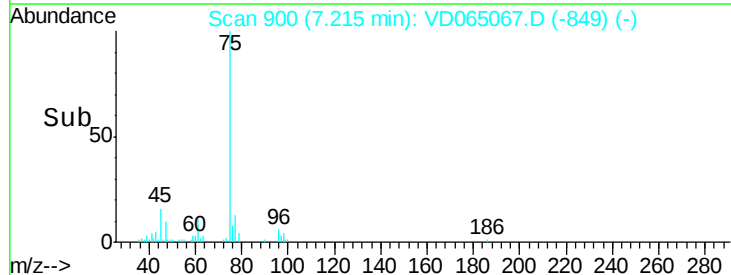
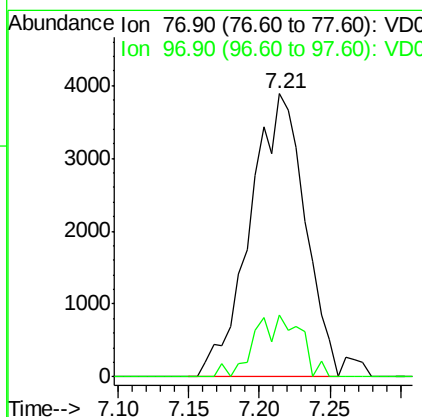
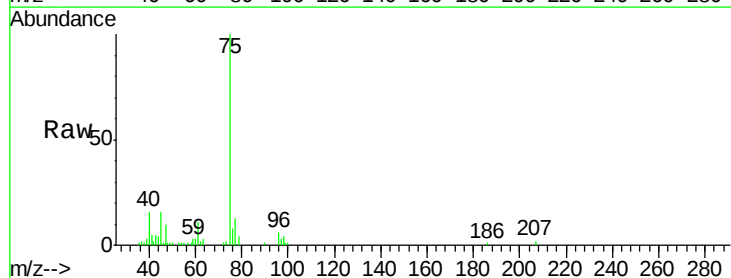
Instrument :
MSVOA_D
ClientSampleId :
VD0205SBL01

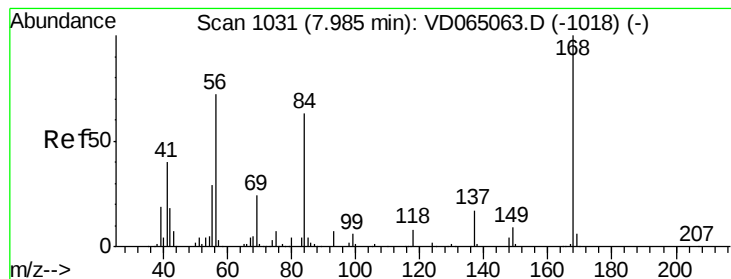
Tot Ion: 76 Resp: 20537
Ion Ratio Lower Upper
76 100
78 7.4 7.6 11.4#



#26
2,2-Dichloropropane
Concen: 1.050 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065067.D
Acq: 05 Feb 2020 16:36

Tgt Ion: 77 Resp: 10578
Ion Ratio Lower Upper
77 100
97 8.3 10.9 32.6#





#31

Cyclohexane

Concen: 2.211 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065067.D

Acq: 05 Feb 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VD0205SBL01

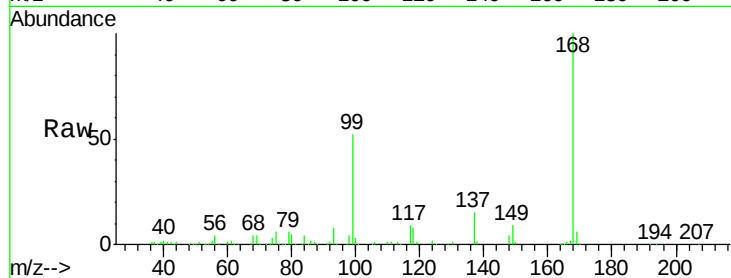
Tot Ion: 56 Resp: 25088

Ion Ratio Lower Upper

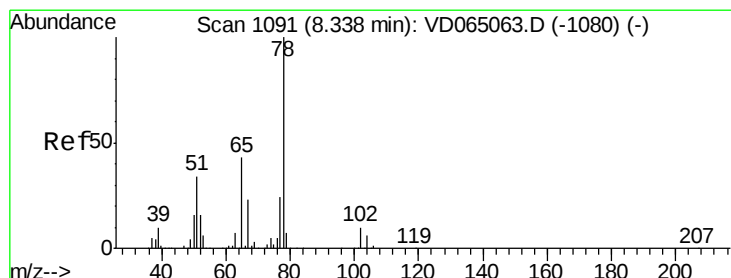
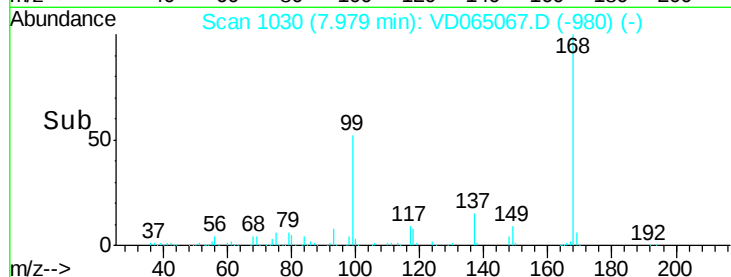
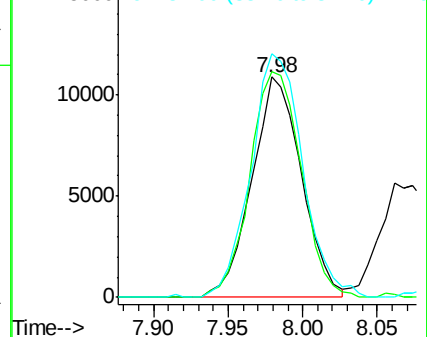
56 100

69 102.6 26.6 40.0#

84 110.6 70.6 106.0#



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: 52.613 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065067.D

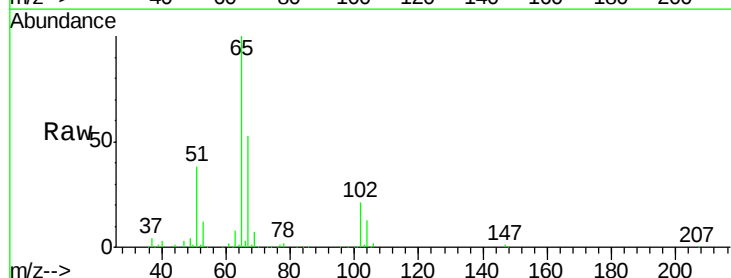
Acq: 05 Feb 2020 16:36

Tgt Ion: 65 Resp: 300052

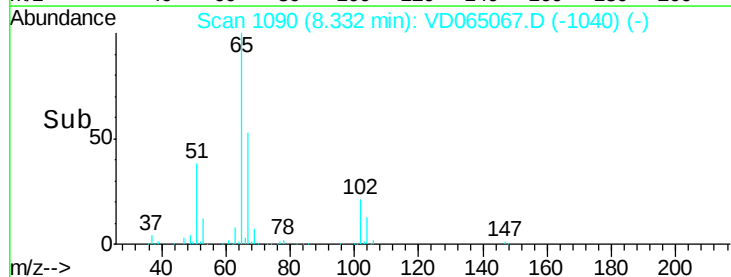
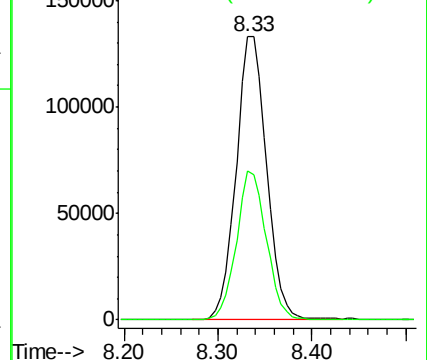
Ion Ratio Lower Upper

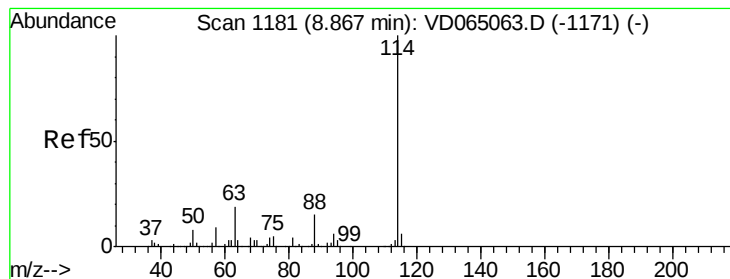
65 100

67 51.5 0.0 105.8



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# 1181

Delta R.T. 0.00 min

Lab File: VD065067.D

Acq: 05 Feb 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VD0205SBL01

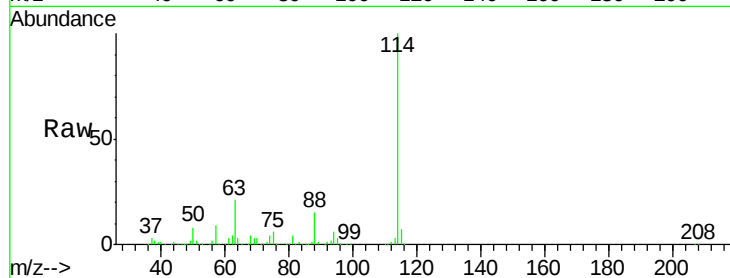
Tot Ion:114 Resp: 1029129

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

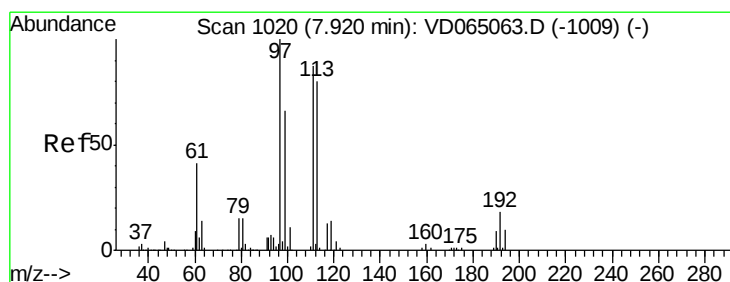
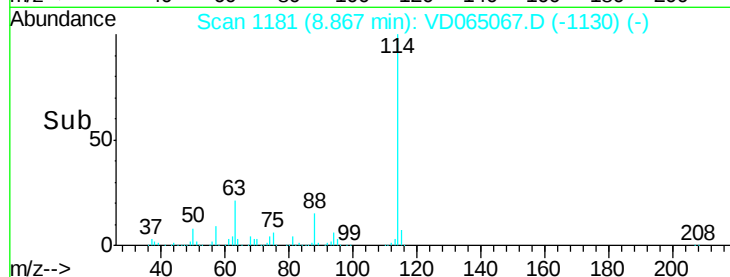
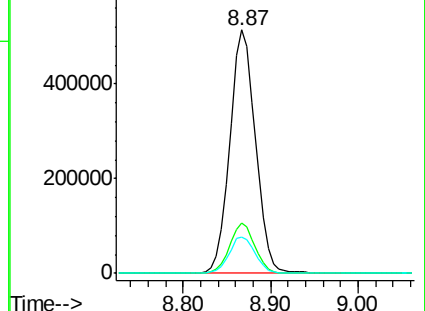
88 14.9 0.0 29.6



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: 53.931 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065067.D

Acq: 05 Feb 2020 16:36

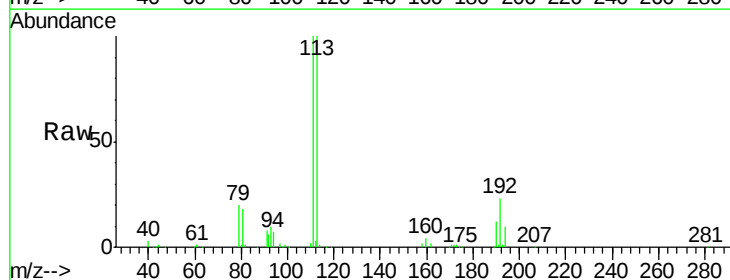
Tgt Ion:113 Resp: 309666

Ion Ratio Lower Upper

113 100

111 102.6 83.1 124.7

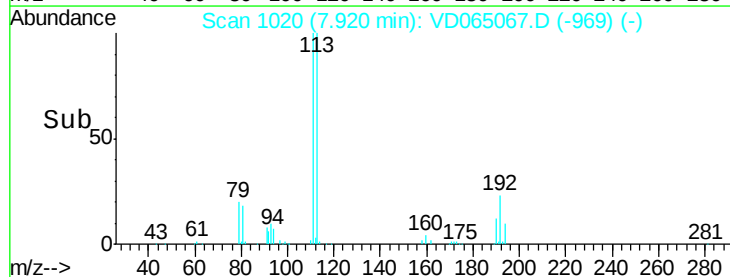
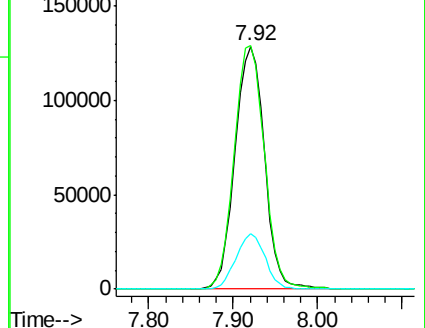
192 22.7 18.1 27.1

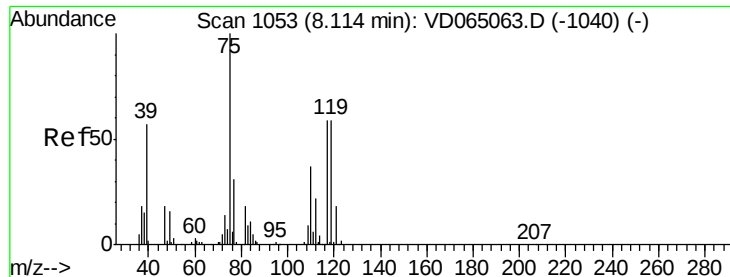


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

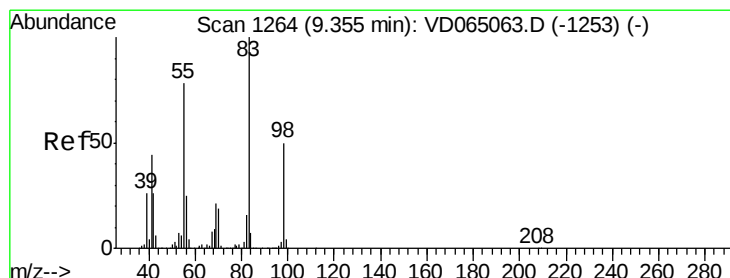
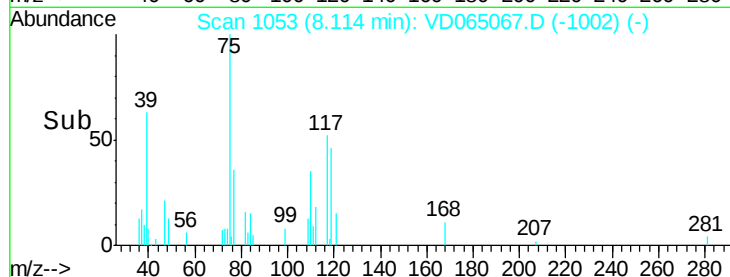
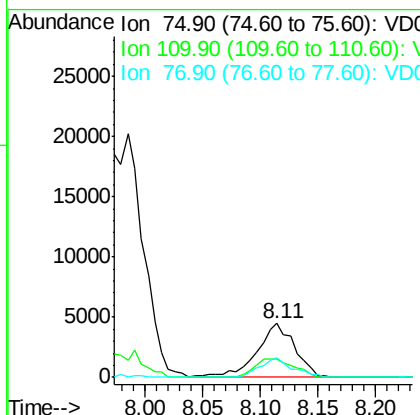
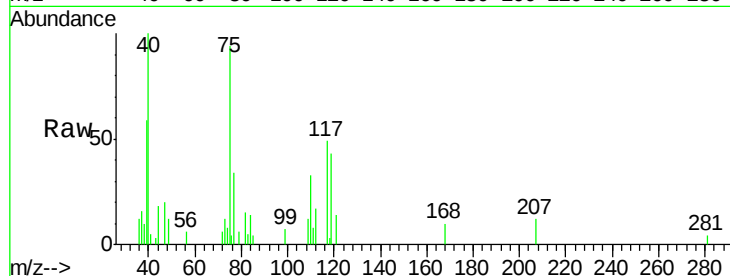




#36
 1,1-Dichloropropene
 Concen: 1.074 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065067.D
 Acq: 05 Feb 2020 16:36

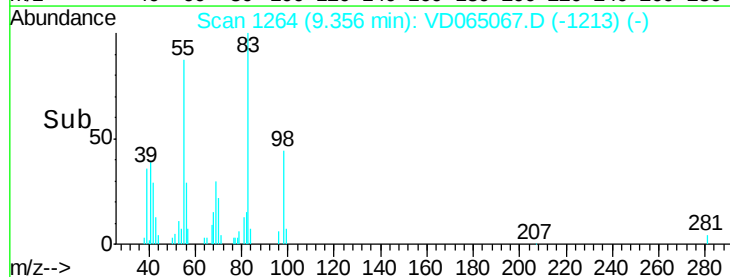
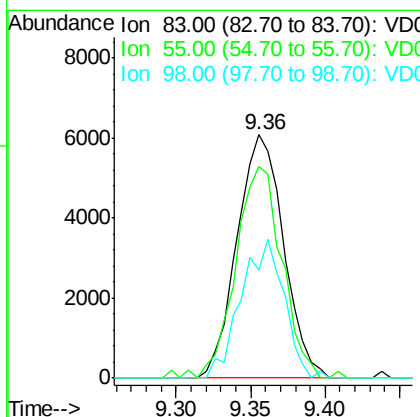
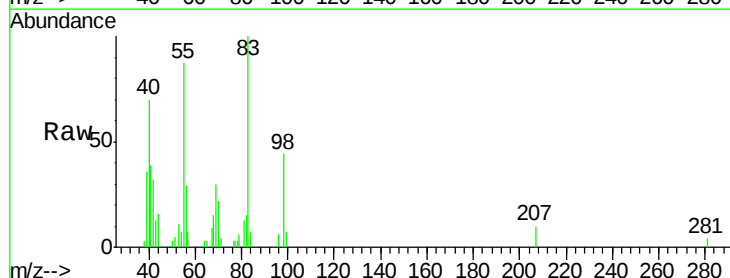
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0205SBL01

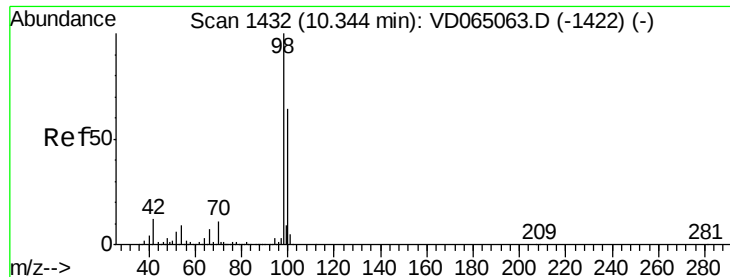
Tot Ion	75	Resp	10276
Ion Ratio	Lower	Upper	
75	100		
110	34.9	18.1	54.3
77	31.1	24.7	37.1



#39
 Methylcyclohexane
 Concen: 1.114 ug/l
 RT: 9.36 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VD065067.D
 Acq: 05 Feb 2020 16:36

Tgt Ion	83	Resp	13157
Ion Ratio	Lower	Upper	
83	100		
55	84.2	62.0	93.0
98	44.3	39.9	59.9

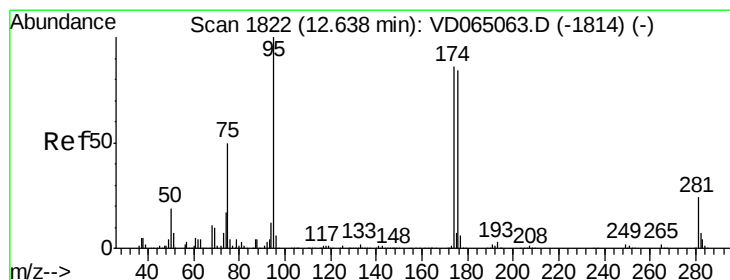
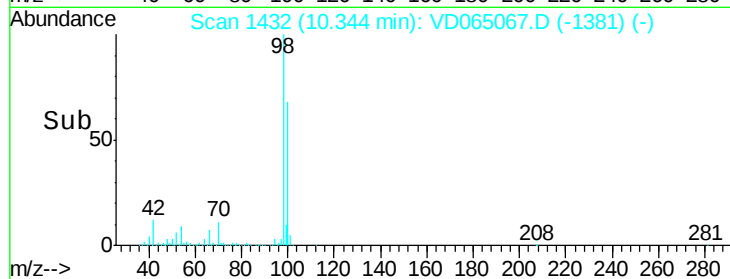
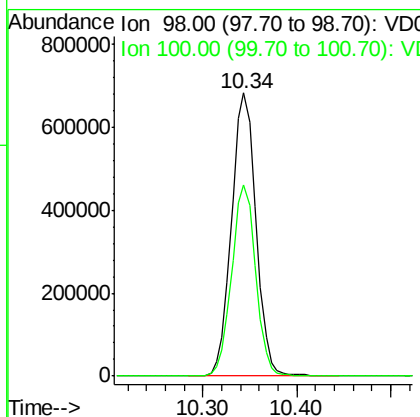
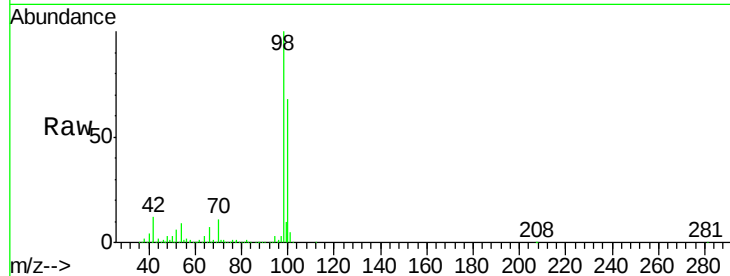




#50
Toluene-d8
Concen: 54.040 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065067.D
Acq: 05 Feb 2020 16:36

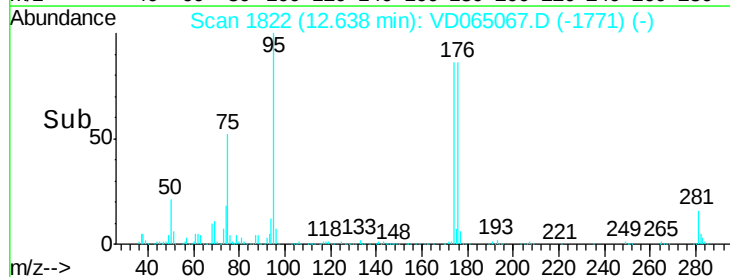
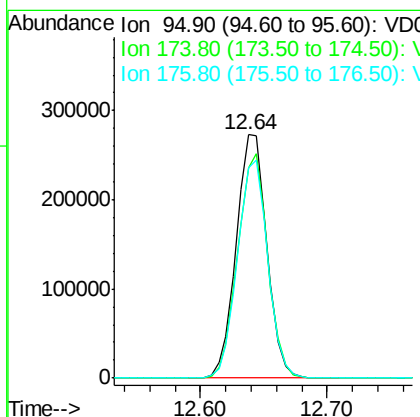
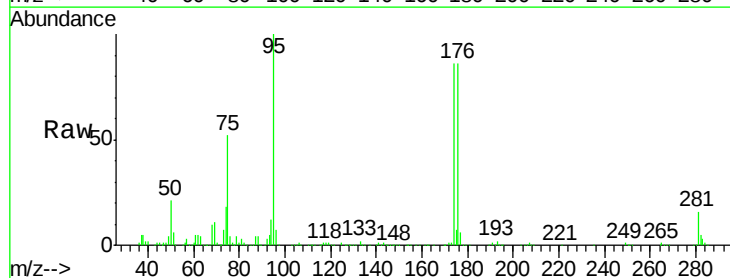
Instrument :
MSVOA_D
ClientSampleId :
VD0205SBL01

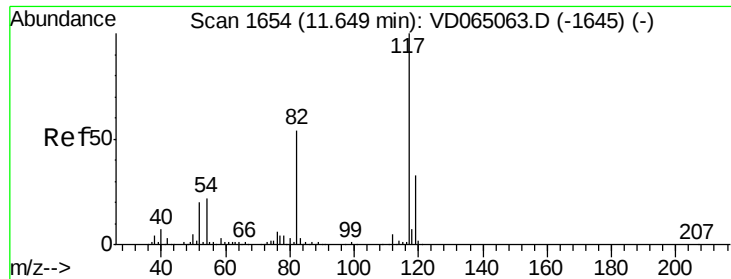
Tot Ion: 98 Resp: 1235059
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 62.867 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065067.D
Acq: 05 Feb 2020 16:36

Tgt Ion: 95 Resp: 455266
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.0
176 88.8 0.0 173.2

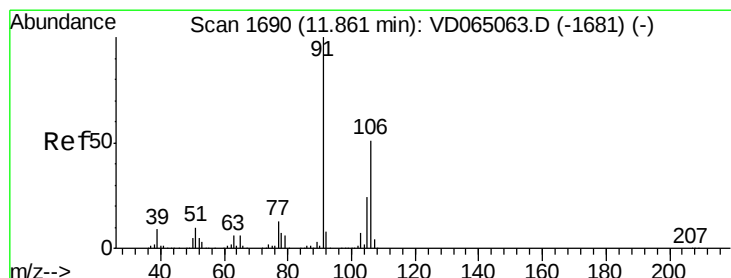
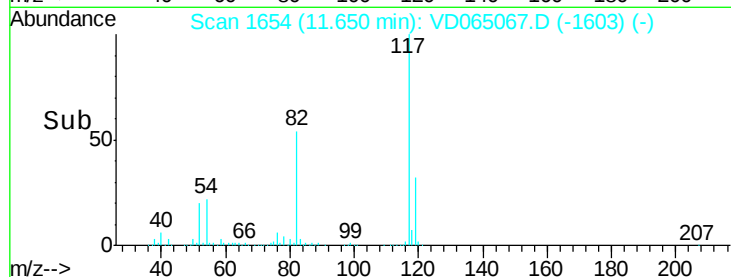
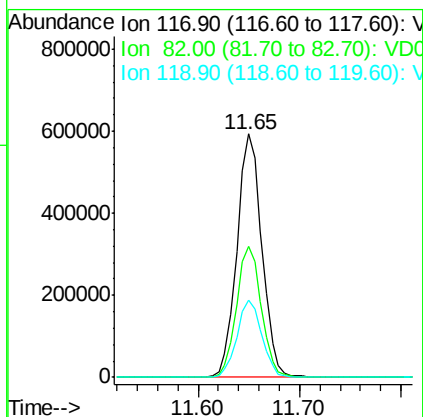
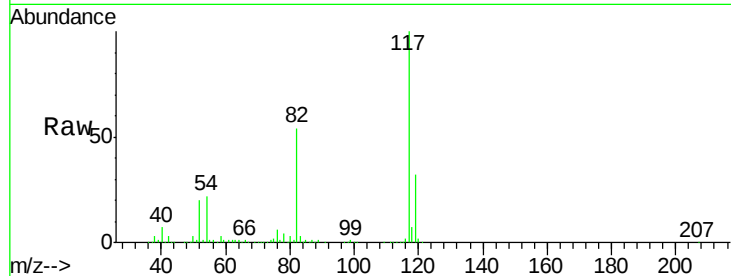




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065067.D
Acq: 05 Feb 2020 16:36

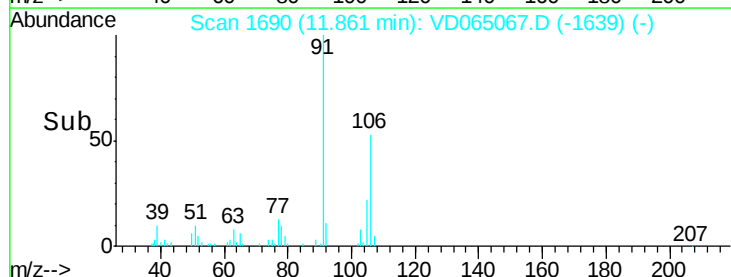
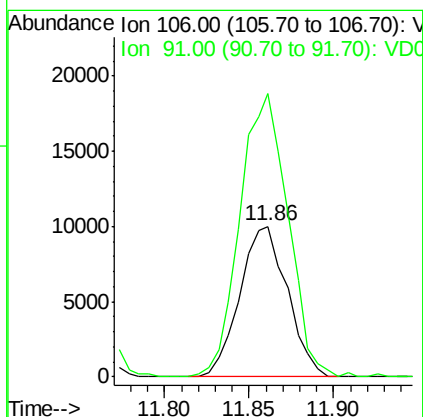
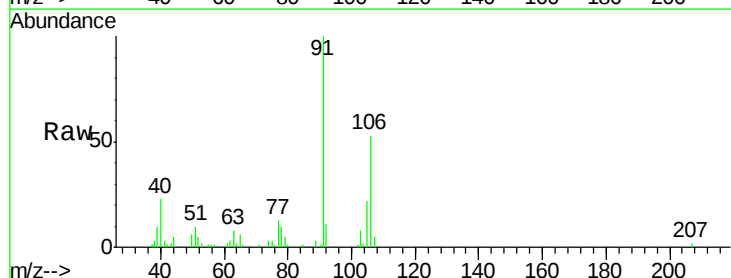
Instrument :
MSVOA_D
ClientSampleId :
VD0205SBL01

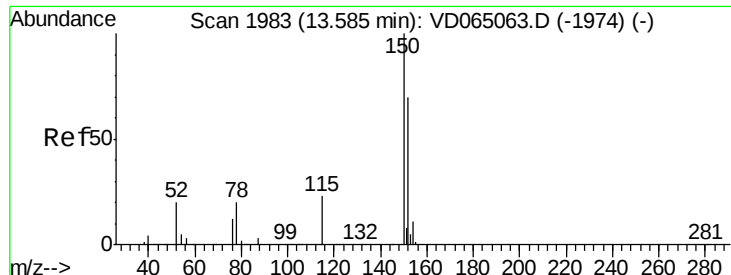
Tot Ion:117 Resp: 1011253
Ion Ratio Lower Upper
117 100
82 53.8 43.1 64.7
119 31.7 26.0 39.0



#68
m/p-Xylenes
Concen: 1.440 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065067.D
Acq: 05 Feb 2020 16:36

Tgt Ion:106 Resp: 19537
Ion Ratio Lower Upper
106 100
91 190.7 158.9 238.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065067.D

Acq: 05 Feb 2020 16:36

Instrument :

MSVOA_D

ClientSampleId :

VD0205SBL01

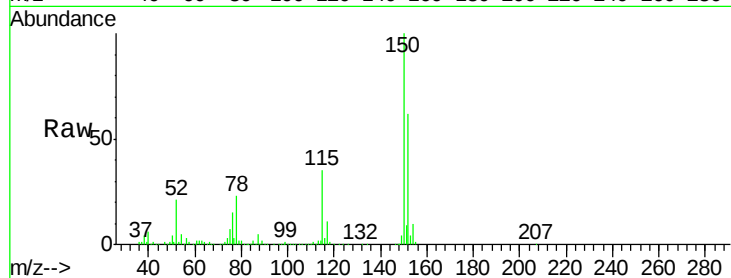
Tot Ion:152 Resp: 503986

Ion Ratio Lower Upper

152 100

115 56.5 27.5 82.4

150 157.1 0.0 343.2



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

