

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067192.D
 Acq On : 08 Oct 2020 14:09
 Operator : VA/SY
 Sample : L4313-03
 Misc : 7.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Oct 09 03:04:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

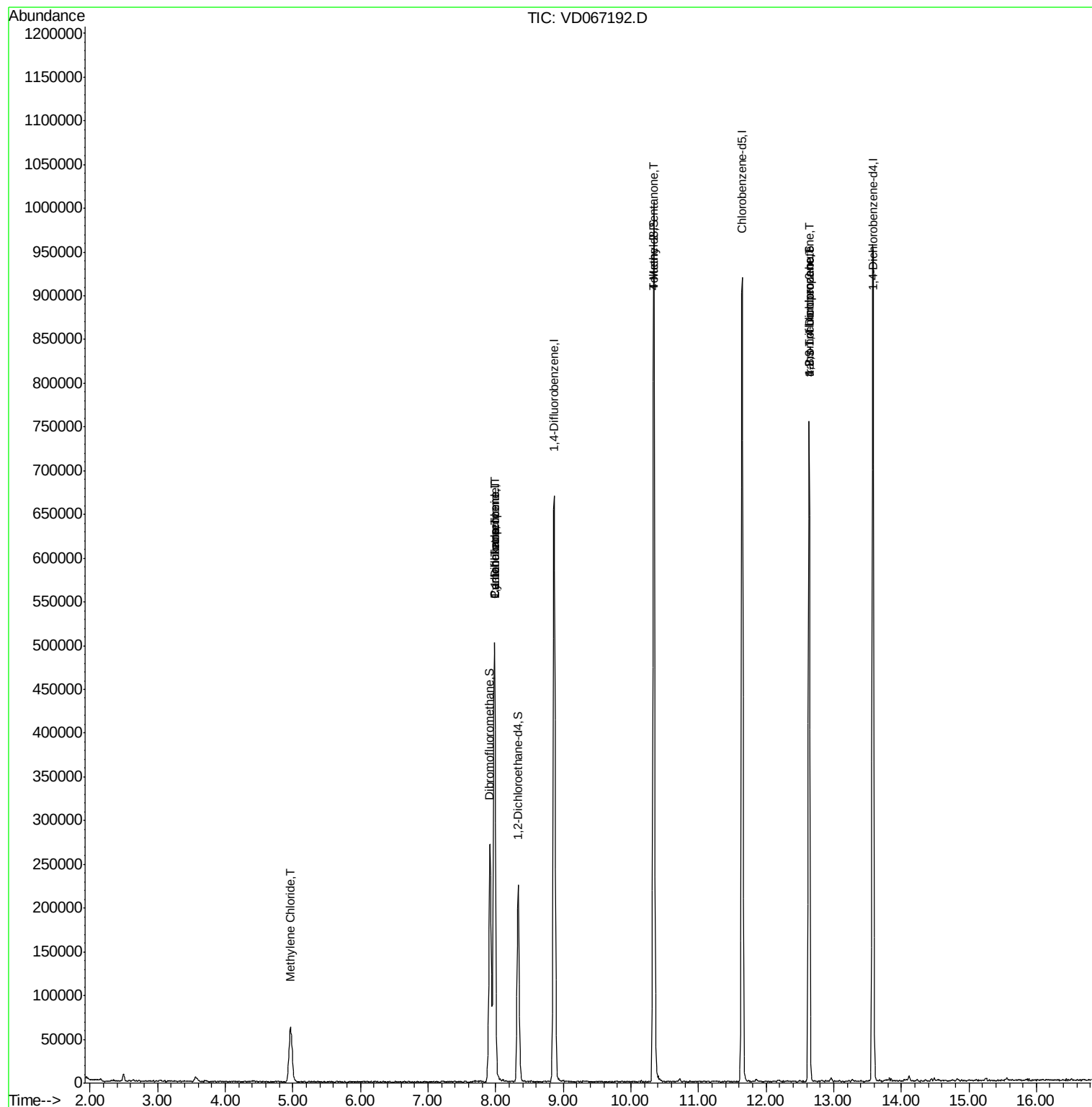
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	375776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	608553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	570014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	182665	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.92	113	193456	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.34	98	709702	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.64	95	238574	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	349	Below Cal	#	40
5) Bromomethane	2.78	94	216	Below Cal		88
20) Methylene Chloride	4.97	84	53240	7.378	ug/l	89
26) 2,2-Dichloropropane	7.21	77	53	Below Cal	#	53
31) Cyclohexane	7.98	56	7196	1.324	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	27435	4.837	ug/l #	52
38) Carbon Tetrachloride	7.98	117	36889	6.011	ug/l #	18
51) 4-Methyl-2-Pentanone	10.34	43	2802	1.554	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	122856	51.384	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	122856	128.106	ug/l #	12

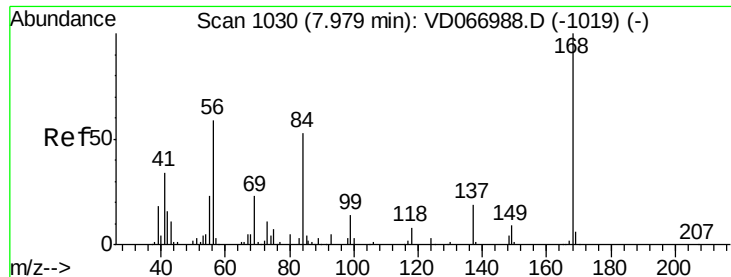
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100820\
Data File : VD067192.D
Acq On : 08 Oct 2020 14:09
Operator : VA/SY
Sample : L4313-03
Misc : 7.06G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BFB

Quant Time: Oct 09 03:04:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067192.D

Acq: 08 Oct 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

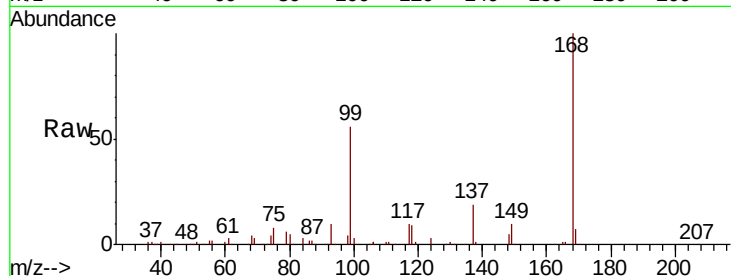
BFB

Tot Ion:168 Resp: 375776

Ion Ratio Lower Upper

168 100

99 56.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

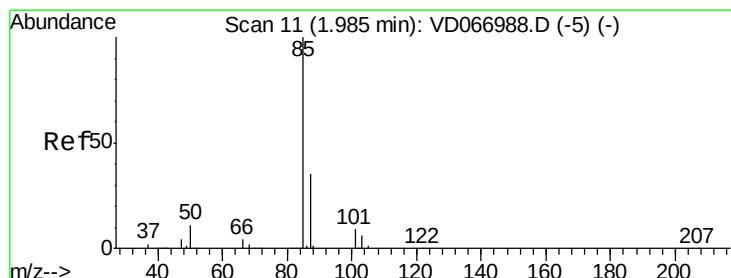
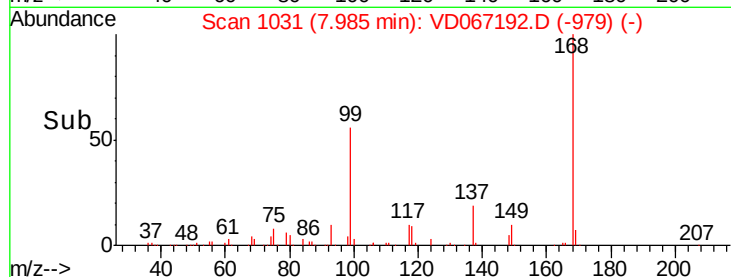
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067192.D

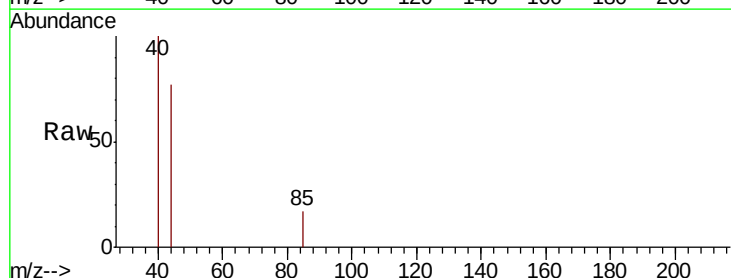
Acq: 08 Oct 2020 14:09

Tgt Ion: 85 Resp: 349

Ion Ratio Lower Upper

85 100

87 0.0 17.3 52.0#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

400

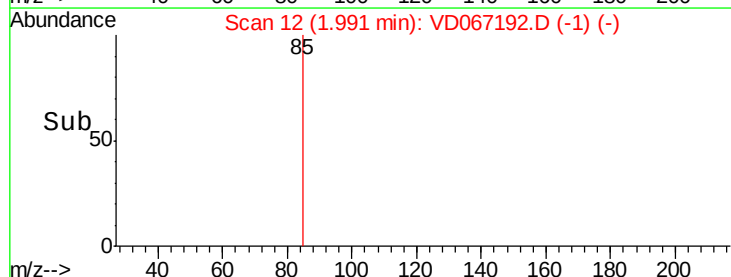
300

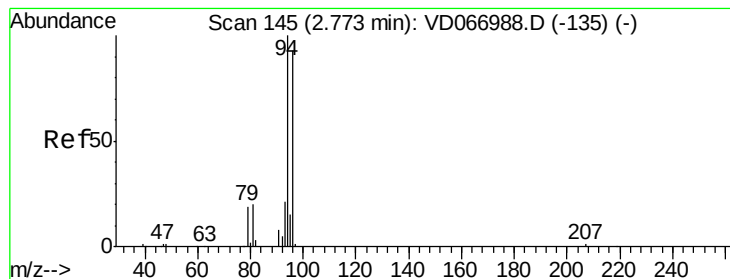
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067192.D

Acq: 08 Oct 2020 14:09

Instrument :

MSVOA_D

ClientSampled :

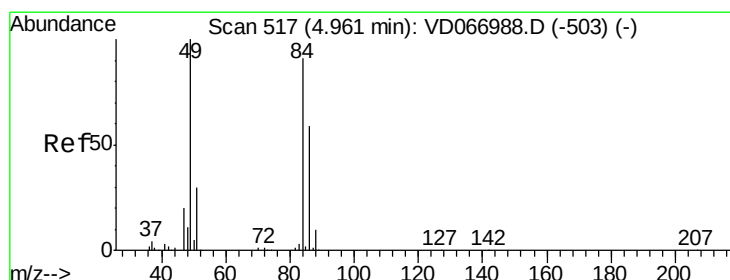
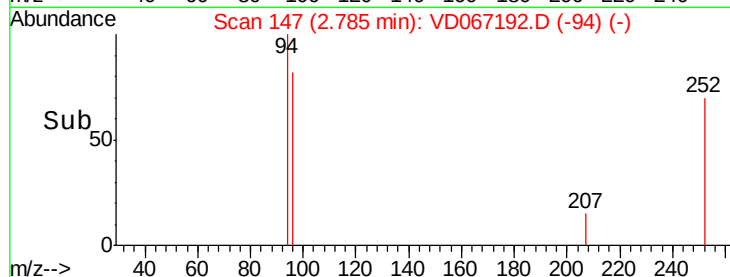
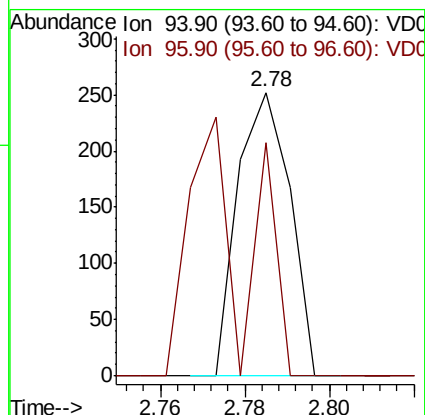
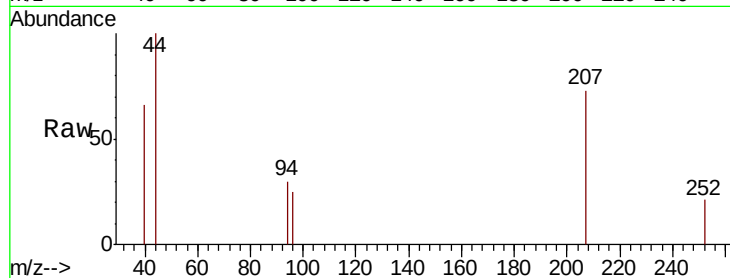
BFB

Tot Ion: 94 Resp: 216

Ion Ratio Lower Upper

94 100

96 82.1 74.6 112.0



#20

Methylene Chloride

Concen: 7.378 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067192.D

Acq: 08 Oct 2020 14:09

Tgt Ion: 84 Resp: 53240

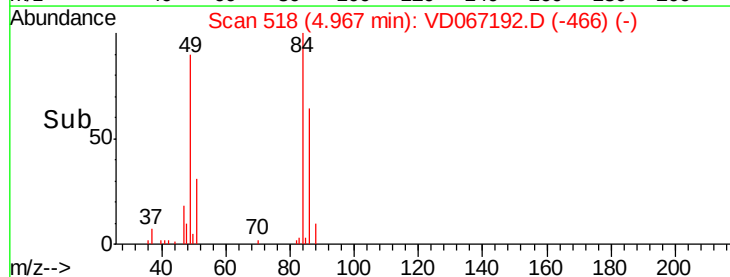
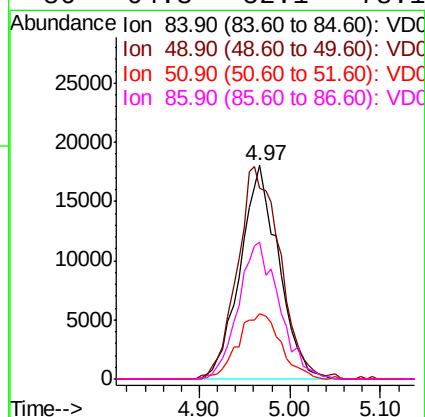
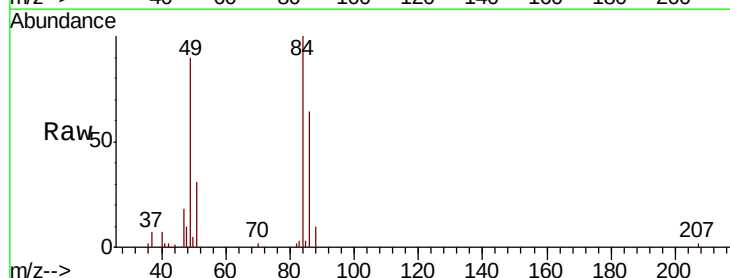
Ion Ratio Lower Upper

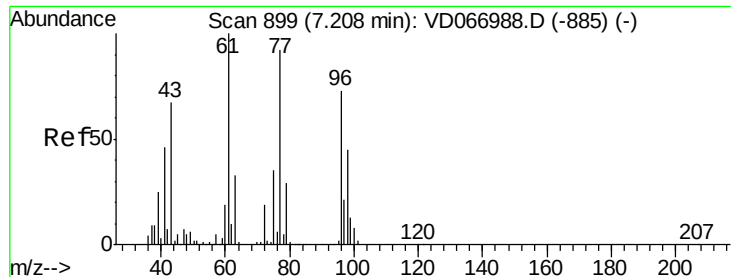
84 100

49 89.6 88.2 132.2

51 30.5 26.6 39.8

86 64.3 52.1 78.1

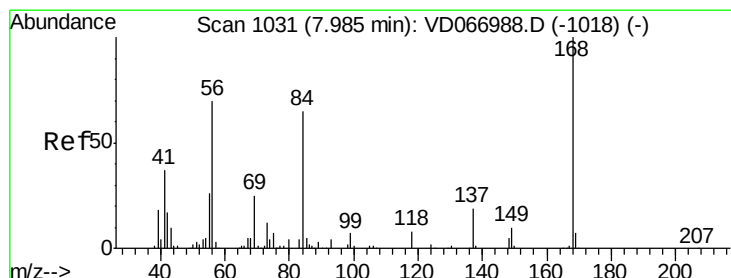
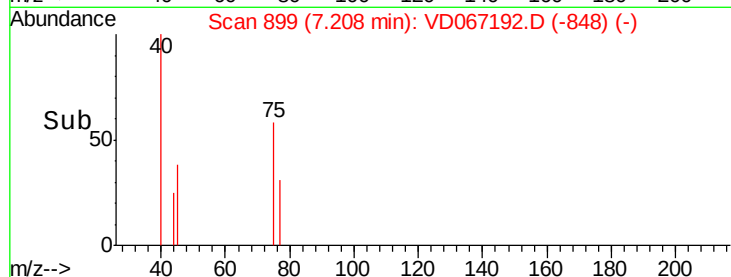
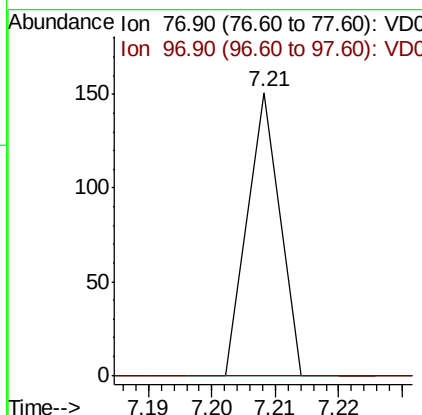
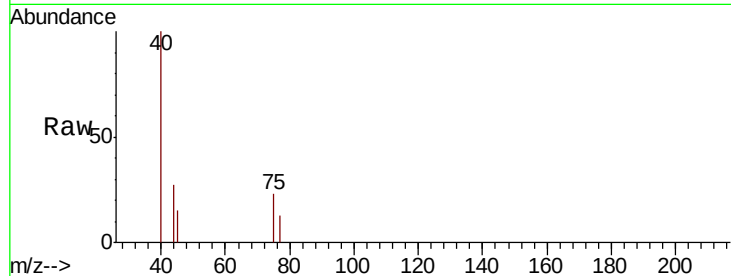




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

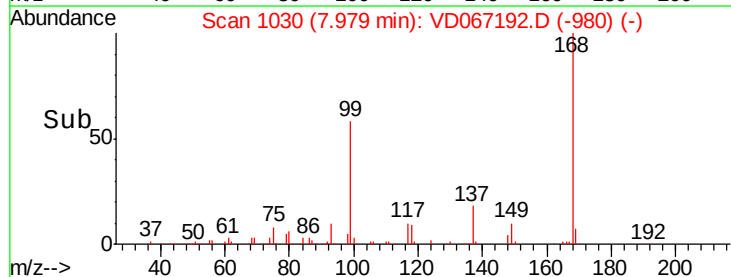
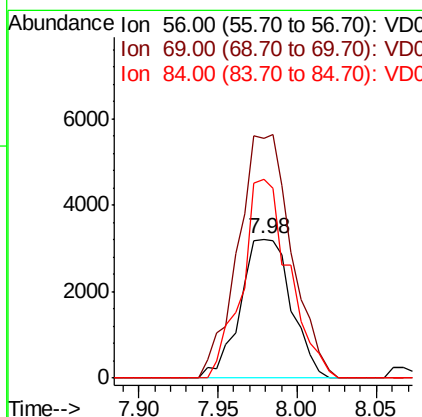
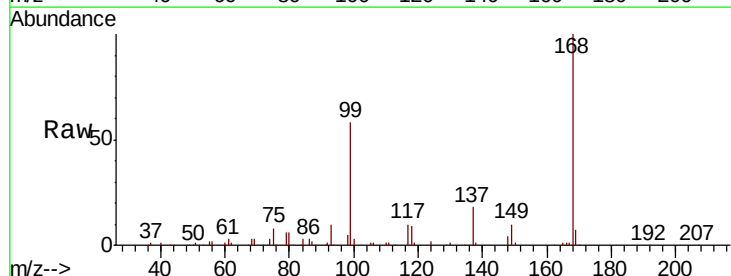
Instrument :
MSVOA_D
ClientSampleId :
BFB

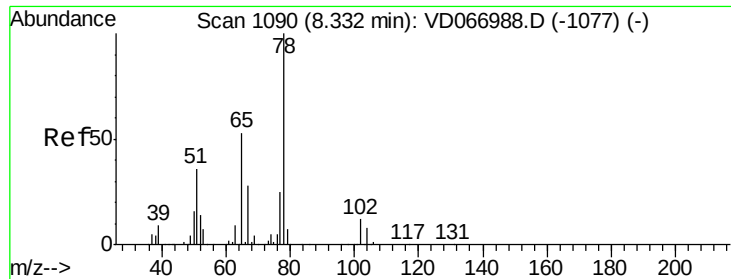
Tot Ion: 77 Resp: 53
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

Tgt Ion: 56 Resp: 7196
Ion Ratio Lower Upper
56 100
69 172.3 29.0 43.6#
84 142.9 74.2 111.2#

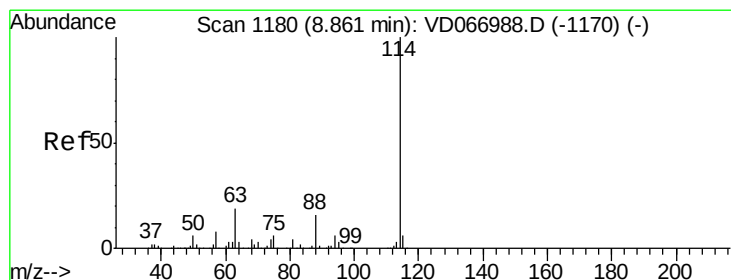
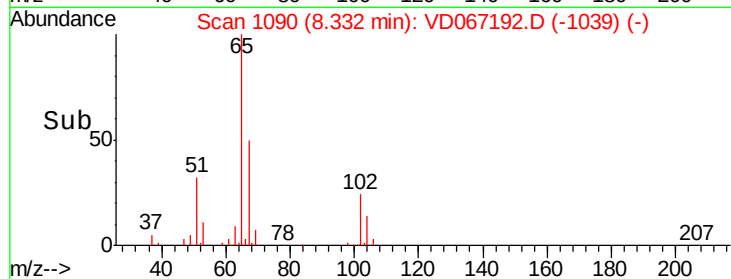
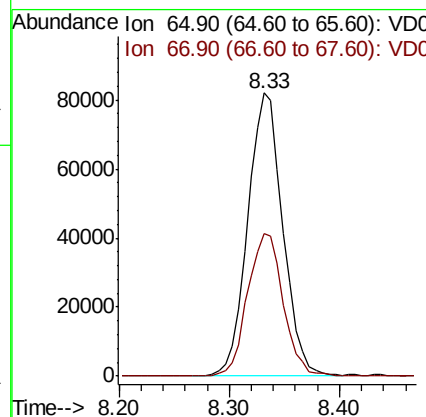
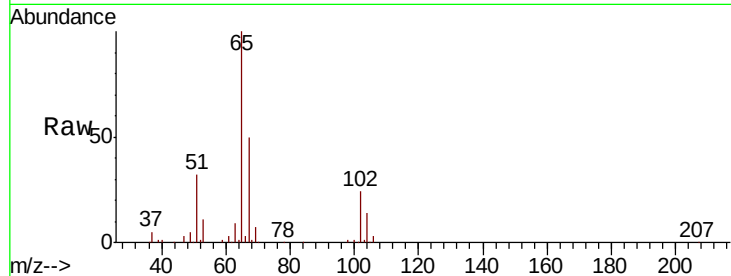




#33
 1,2-Dichloroethane-d4
 Concen: 50.468 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067192.D
 Acq: 08 Oct 2020 14:09

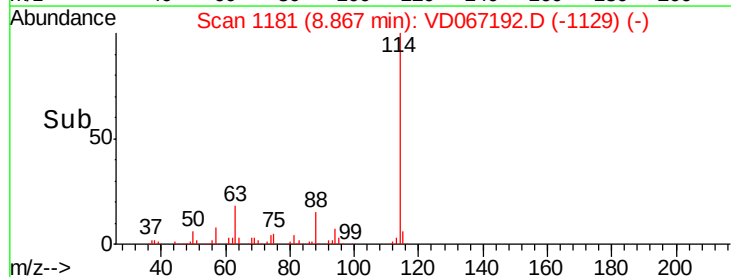
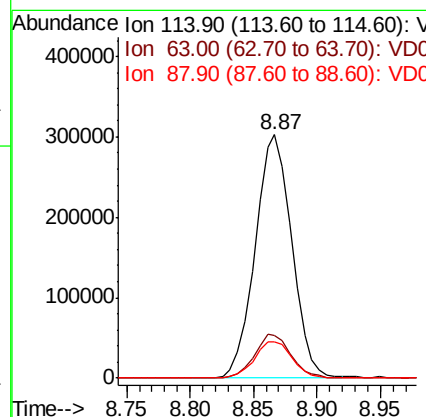
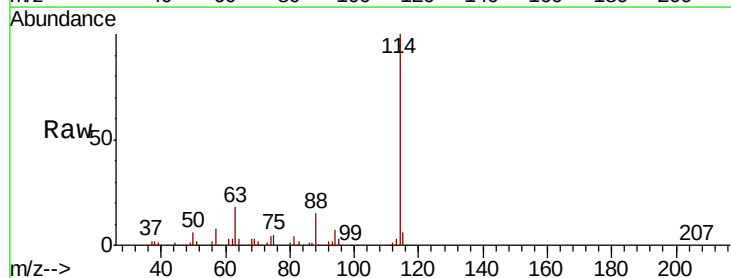
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

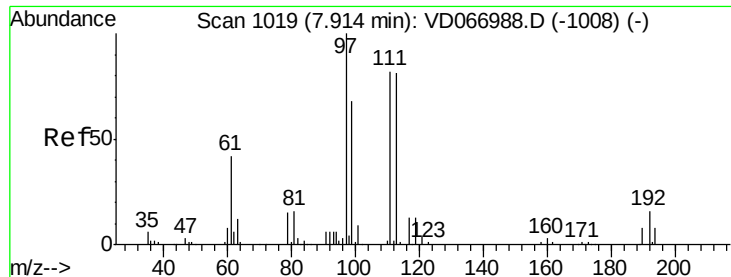
Tot Ion: 65 Resp: 182665
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067192.D
 Acq: 08 Oct 2020 14:09

Tgt Ion: 114 Resp: 608553
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 38.4
 88 14.7 0.0 31.2

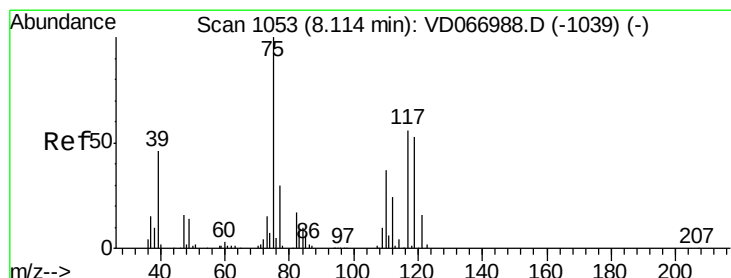
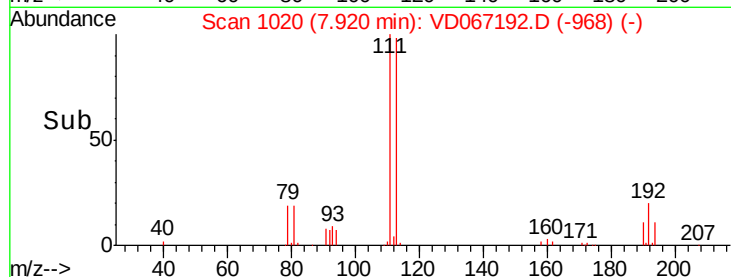
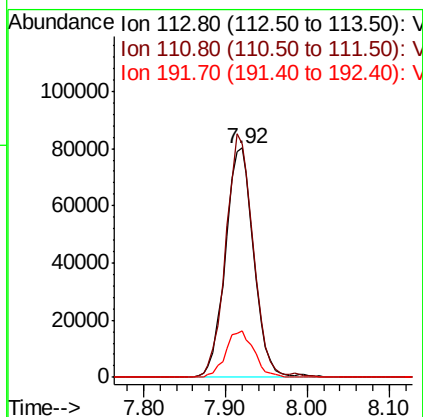
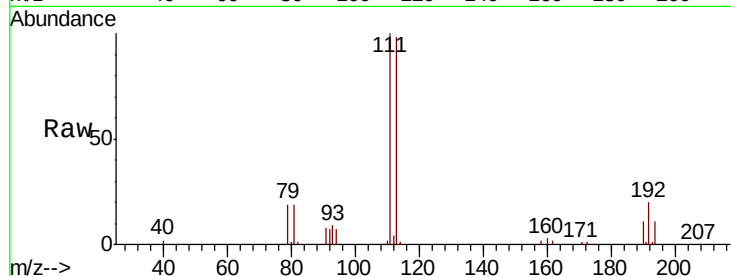




#35
Dibromofluoromethane
Concen: 48.557 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

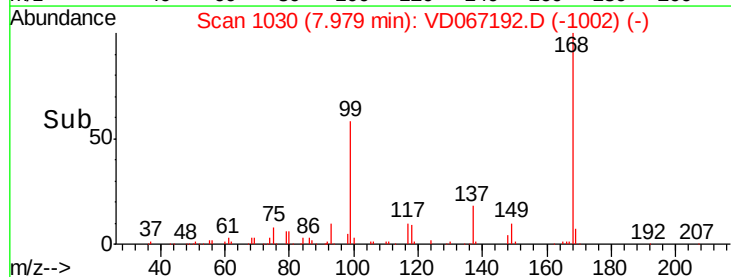
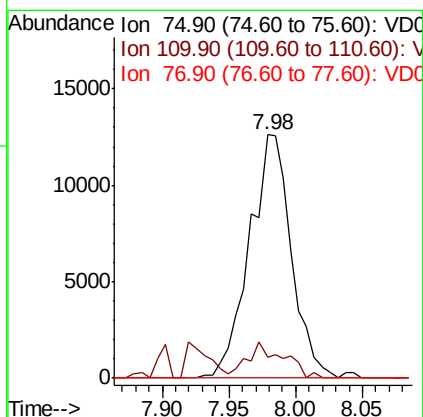
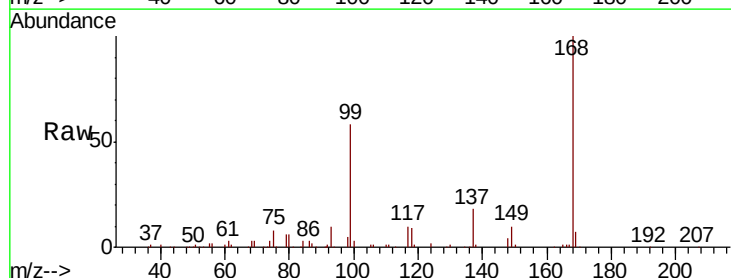
Instrument :
MSVOA_D
ClientSampled :
BFB

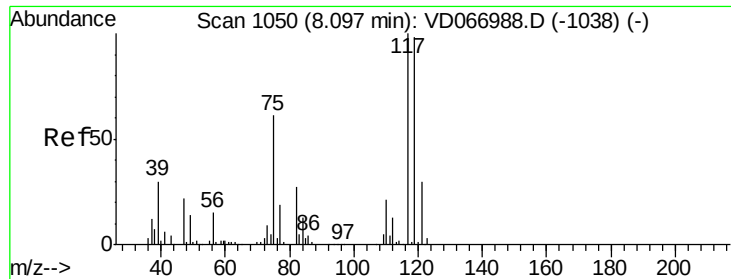
Tot Ion:113 Resp: 193456
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 20.1 15.5 23.3



#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.14 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

Tgt Ion: 75 Resp: 27435
Ion Ratio Lower Upper
75 100
110 12.6 18.4 55.0#
77 0.0 24.8 37.2#

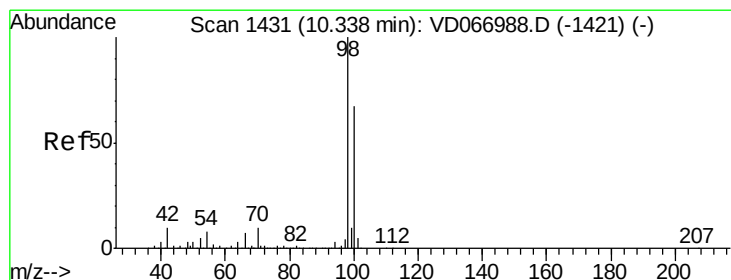
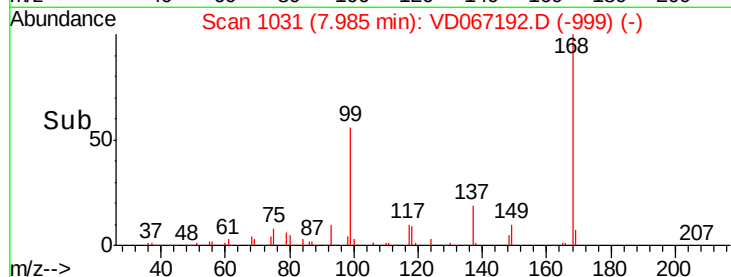
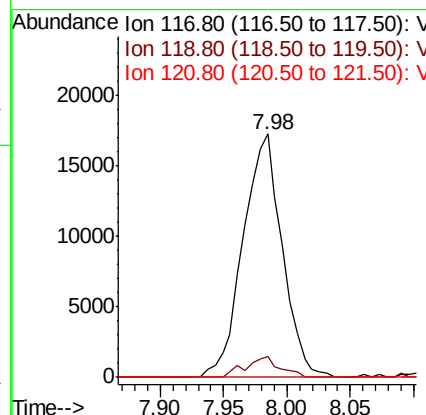
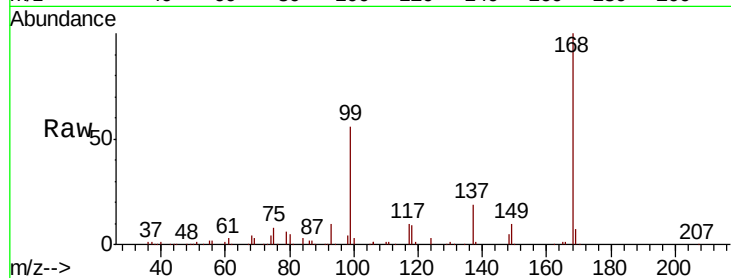




#38
Carbon Tetrachloride
Concen: 6.011 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

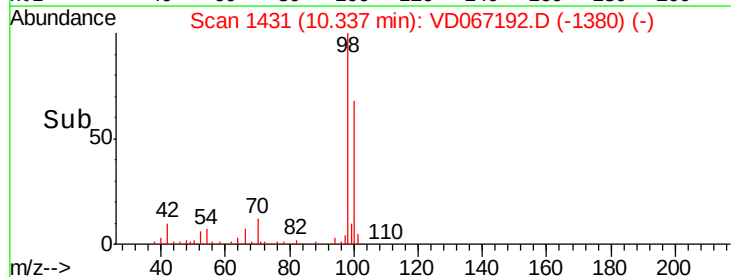
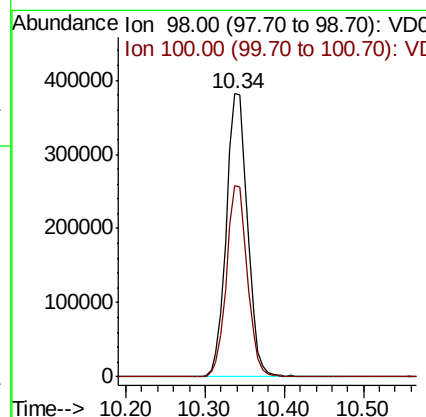
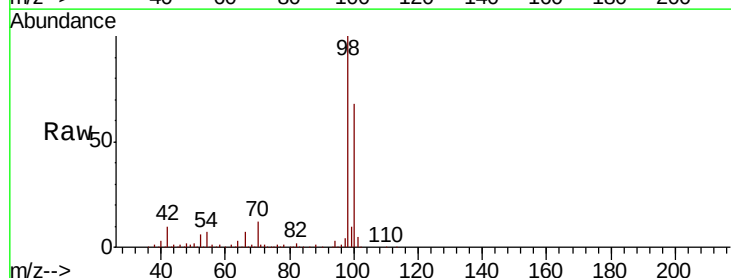
Instrument :
MSVOA_D
ClientSampleId :
BFB

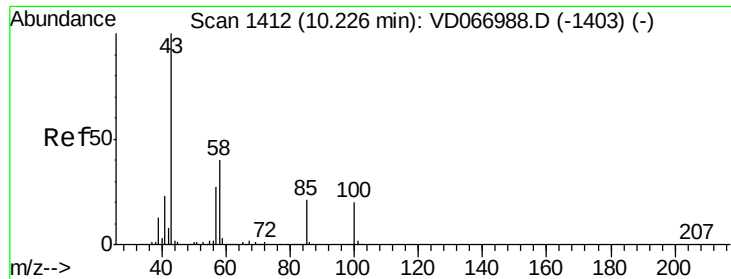
Tot Ion:117 Resp: 36889
Ion Ratio Lower Upper
117 100
119 8.6 78.7 118.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.886 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

Tgt Ion: 98 Resp: 709702
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2

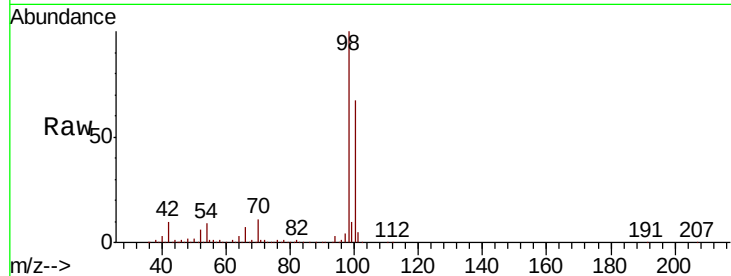




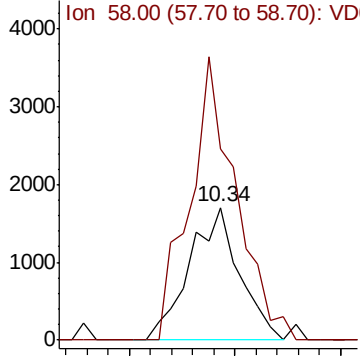
#51
 4-Methyl-2-Pentanone
 Concen: 1.554 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.12 min
 Lab File: VD067192.D
 Acq: 08 Oct 2020 14:09

Instrument :
 MSVOA_D
 ClientSampled :
 BFB

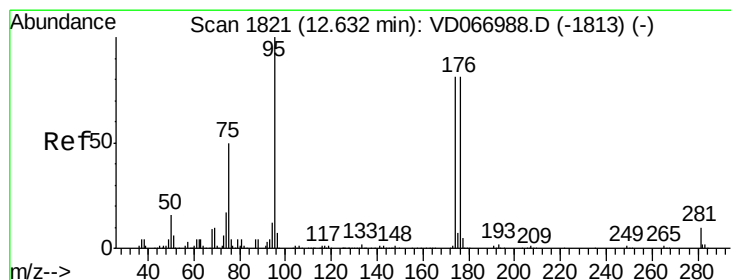
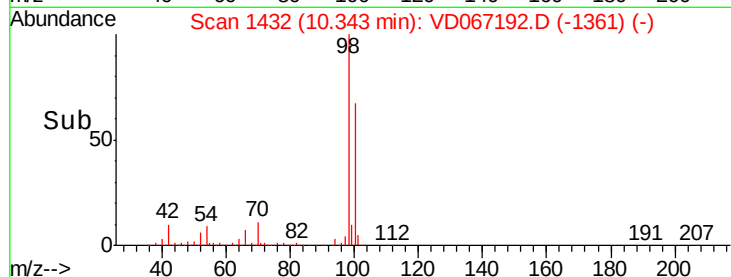
Tot Ion: 43 Resp: 2802
 Ion Ratio Lower Upper
 43 100
 58 197.1 33.8 50.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

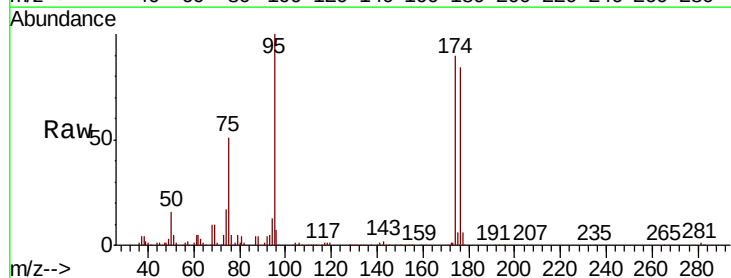


Time-->

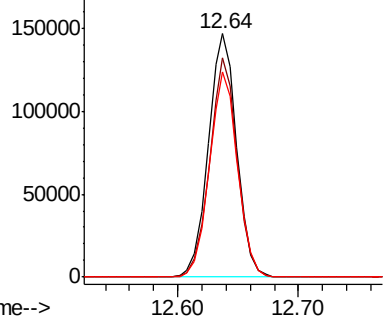


#62
 4-Bromofluorobenzene
 Concen: 48.408 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067192.D
 Acq: 08 Oct 2020 14:09

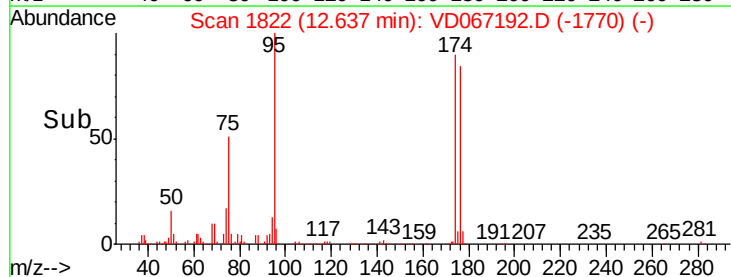
Tgt Ion: 95 Resp: 238574
 Ion Ratio Lower Upper
 95 100
 174 87.4 0.0 167.6
 176 84.0 0.0 162.4

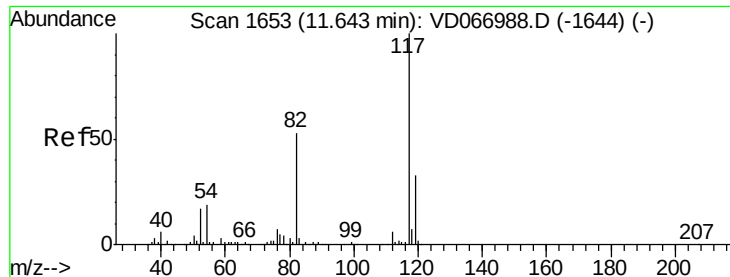


Abundance Ion 94.90 (94.60 to 95.60): VDC
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V



Time-->

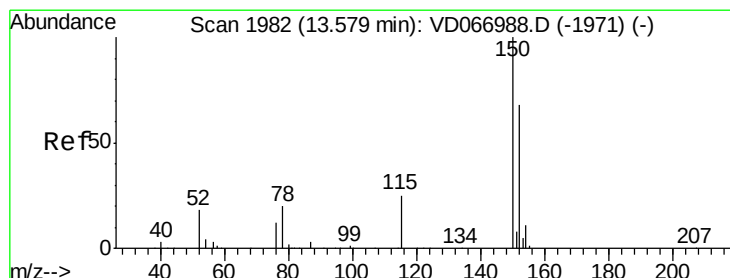
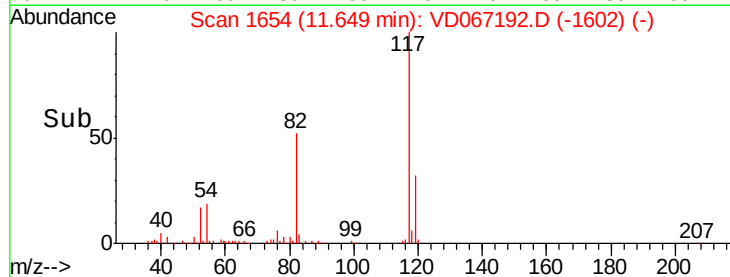
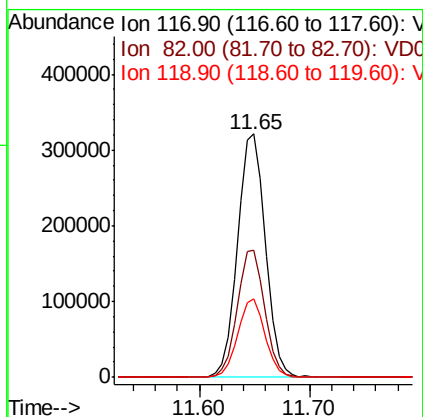
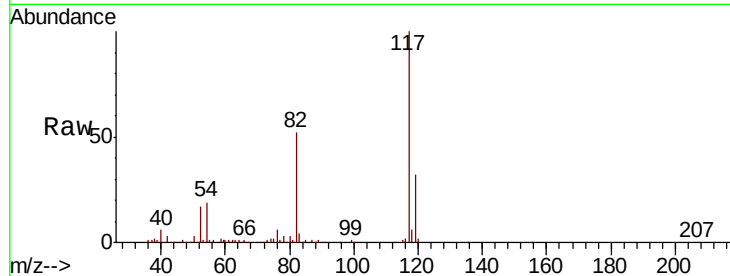




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

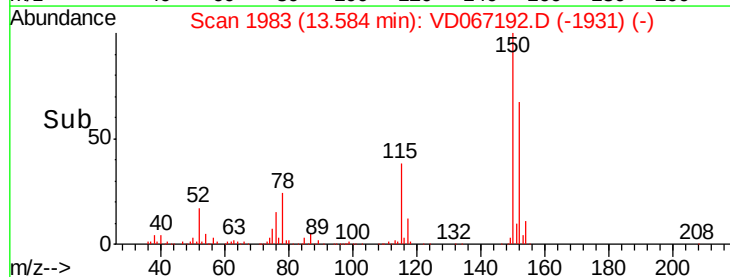
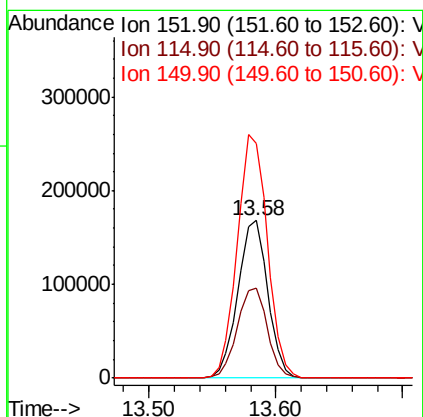
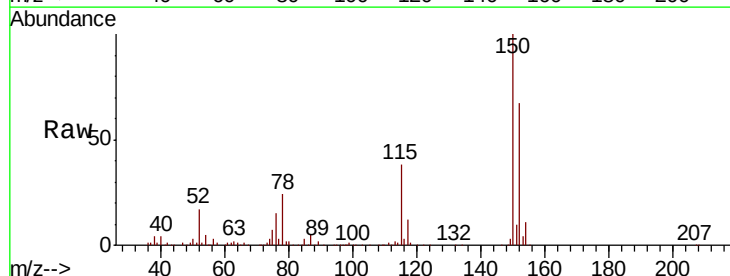
Instrument :
MSVOA_D
ClientSampleId :
BFB

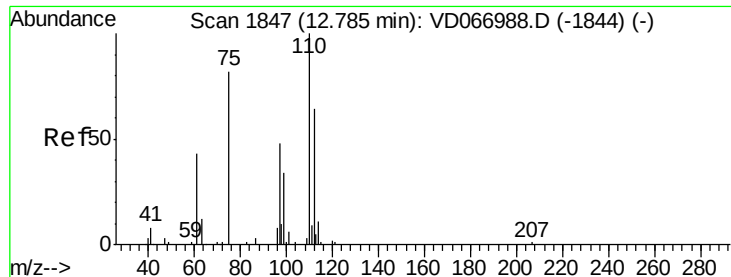
Tot Ion:117 Resp: 570014
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067192.D
Acq: 08 Oct 2020 14:09

Tgt Ion:152 Resp: 274497
Ion Ratio Lower Upper
152 100
115 57.5 29.6 88.8
150 155.6 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 51.384 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067192.D

Acq: 08 Oct 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

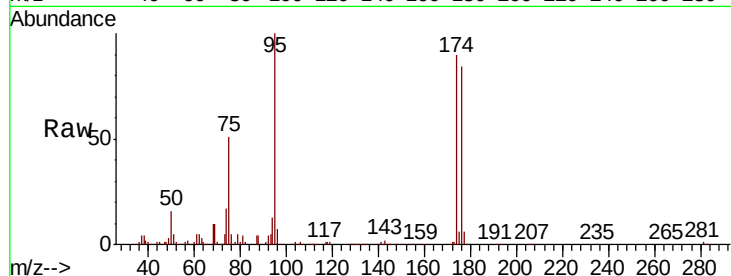
BFB

Tot Ion: 75 Resp: 122856

Ion Ratio Lower Upper

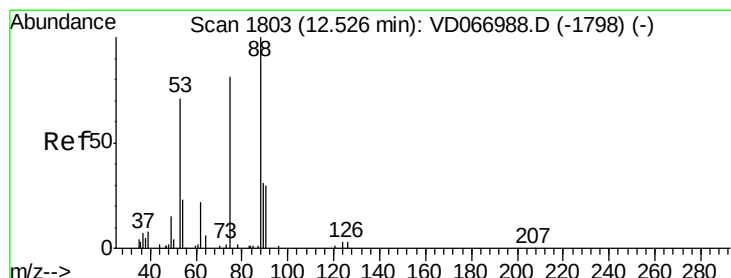
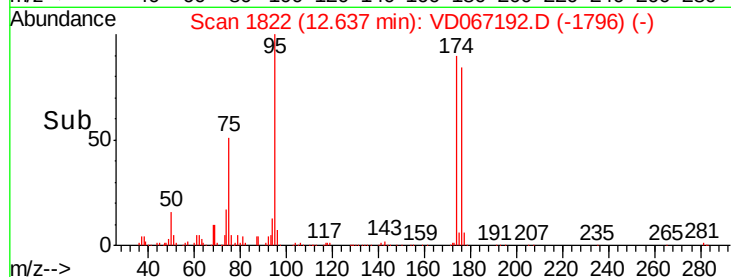
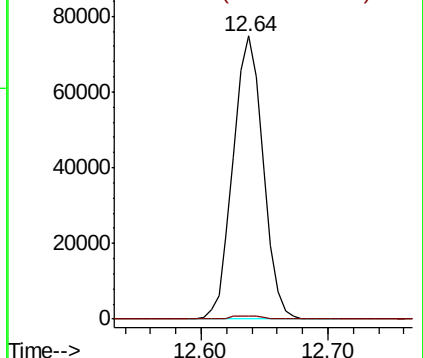
75 100

77 1.2 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: 128.106 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067192.D

Acq: 08 Oct 2020 14:09

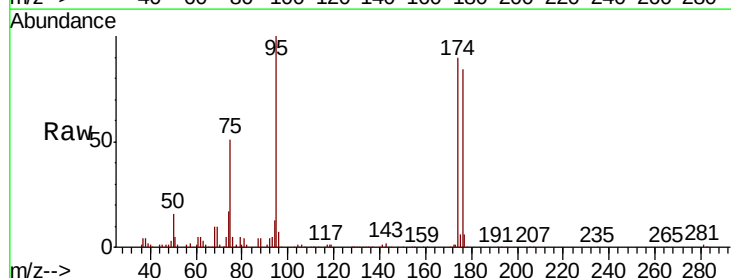
Tgt Ion: 75 Resp: 122856

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.1 38.9 58.3#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

