

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067148.D
 Acq On : 07 Oct 2020 13:16
 Operator : VA/SY
 Sample : L4274-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Oct 08 07:22:58 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

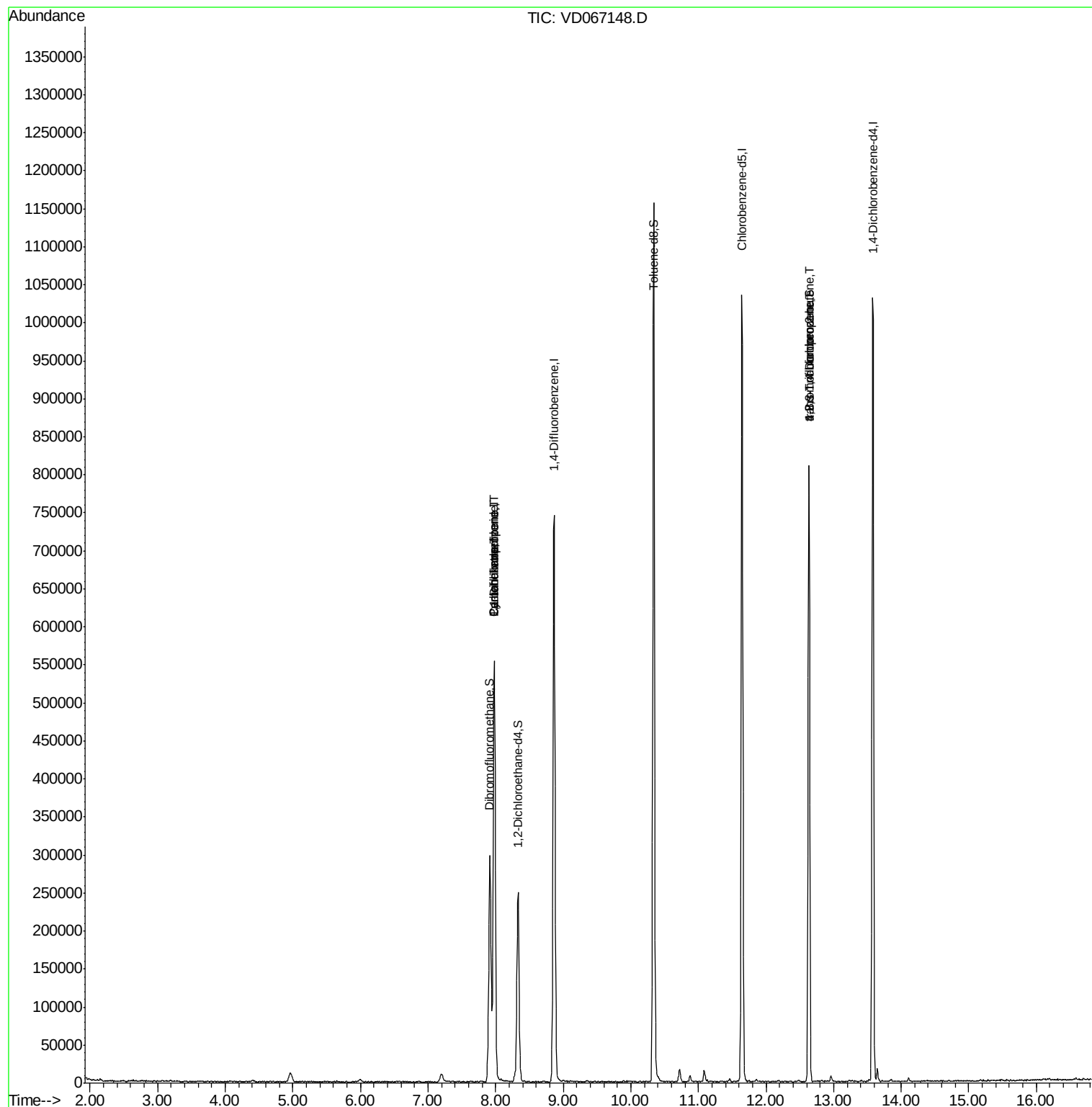
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	419385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	671255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	622735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	289823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	202455	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	7.92	113	213829	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	10.34	98	781662	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.64	95	267244	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	686	Below Cal		86
5) Bromomethane	2.79	94	678	Below Cal	#	35
20) Methylene Chloride	4.96	84	10638	Below Cal	#	81
26) 2,2-Dichloropropane	7.21	77	1224	Below Cal	#	53
31) Cyclohexane	7.98	56	8576	1.414	ug/l #	30
36) 1,1-Dichloropropene	7.98	75	30413	4.861	ug/l #	50
38) Carbon Tetrachloride	7.98	117	42169	6.229	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	132443	52.464	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	132443	130.799	ug/l #	12

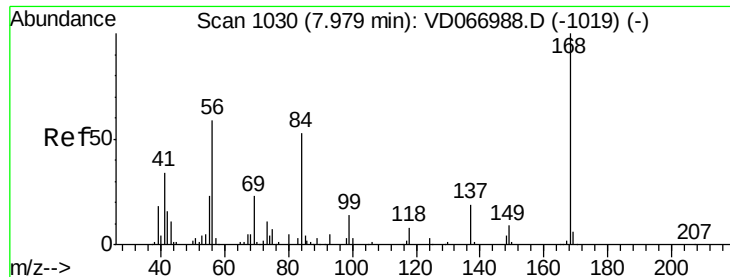
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100720\
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MSVOA_D
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Quant Time: Oct 08 07:22:58 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# 1030

Delta R.T. 0.00 min

Lab File: VD067148.D

Acq: 07 Oct 2020 13:16

Instrument :

MSVOA_D

ClientSampled :

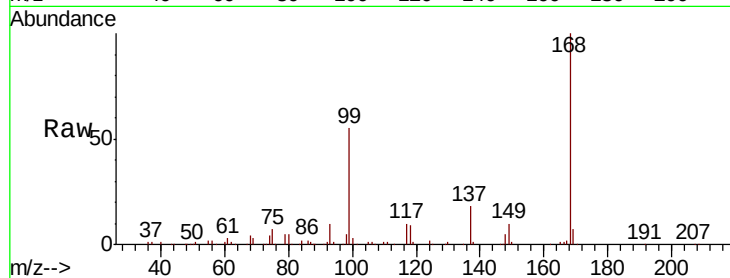
WC-1

Tot Ion:168 Resp: 419385

Ion Ratio Lower Upper

168 100

99 55.1 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

200000

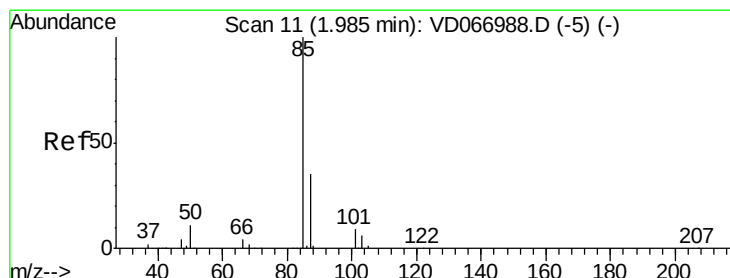
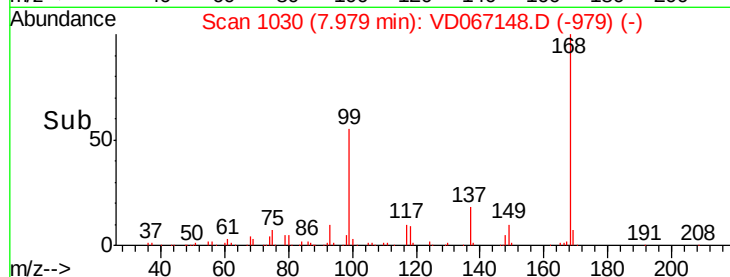
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067148.D

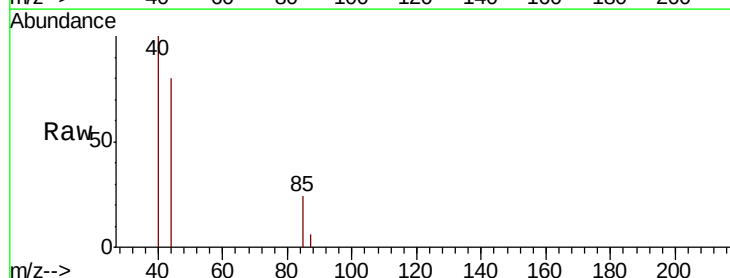
Acq: 07 Oct 2020 13:16

Tgt Ion: 85 Resp: 686

Ion Ratio Lower Upper

85 100

87 26.8 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

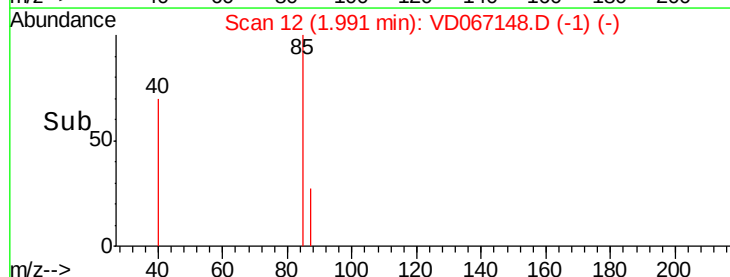
600

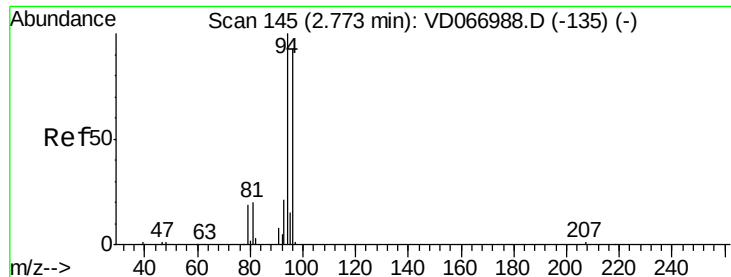
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD067148.D

Acq: 07 Oct 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

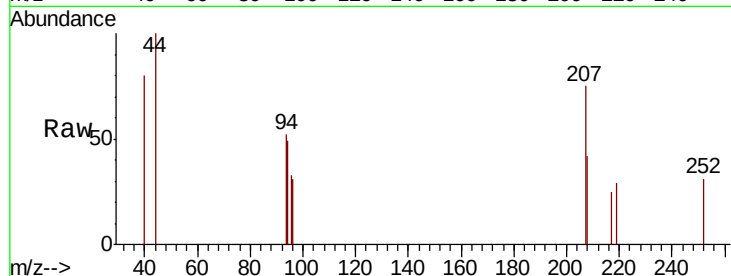
WC-1

Tot Ion: 94 Resp: 678

Ion Ratio Lower Upper

94 100

96 30.9 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

600

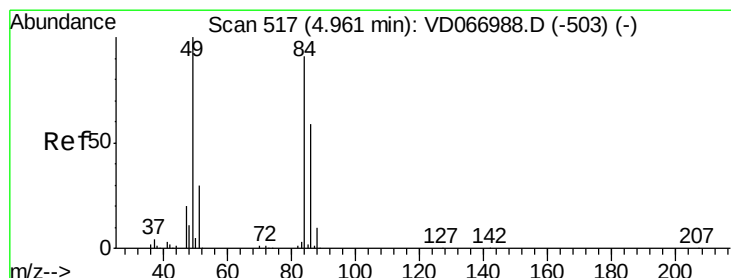
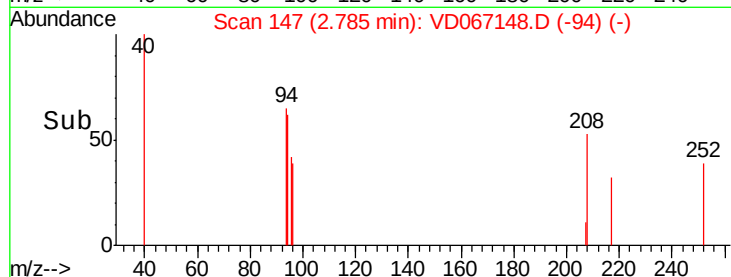
400

200

0

2.74 2.76 2.78 2.80 2.82

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067148.D

Acq: 07 Oct 2020 13:16

Tgt Ion: 84 Resp: 10638

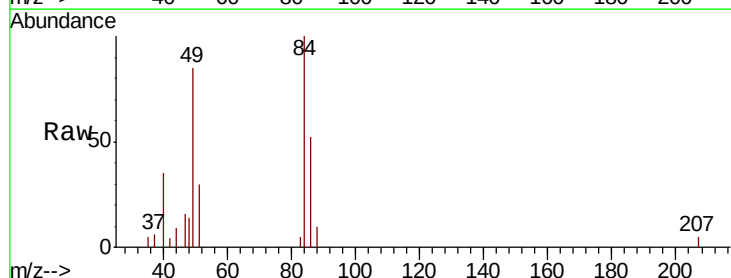
Ion Ratio Lower Upper

84 100

49 84.7 88.2 132.2#

51 29.7 26.6 39.8

86 51.6 52.1 78.1#



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

5000

4000

3000

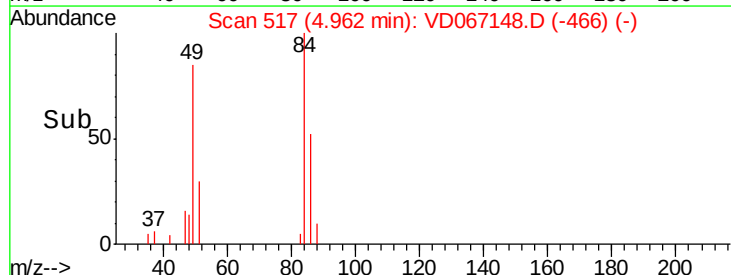
2000

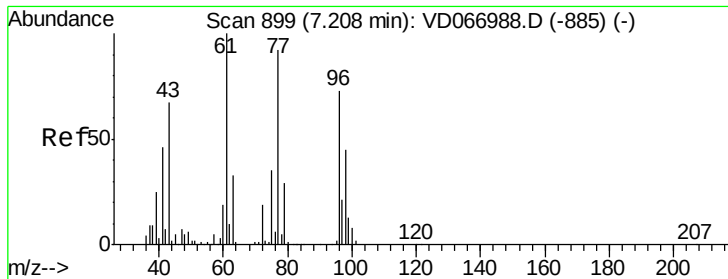
1000

0

4.90 4.96 5.00

Time-->

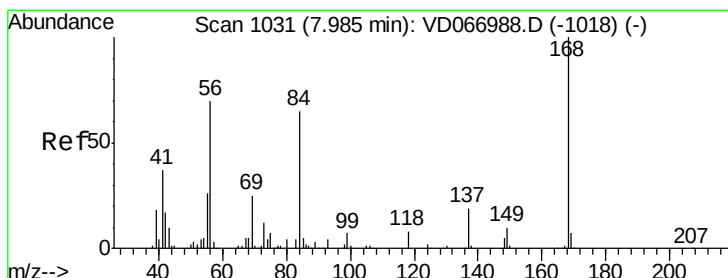
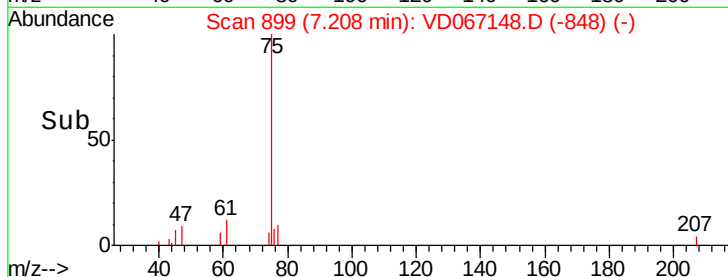
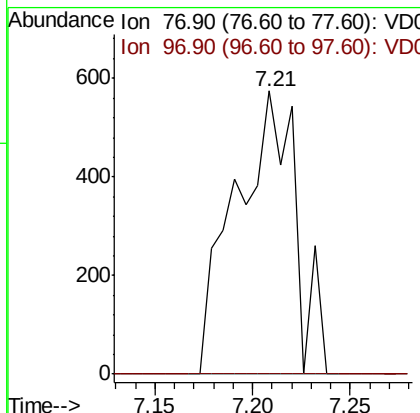
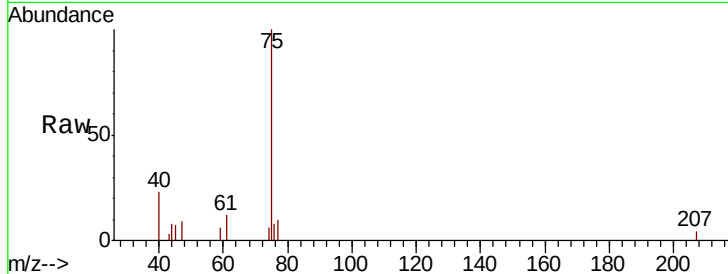




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD067148.D
 Acq: 07 Oct 2020 13:16

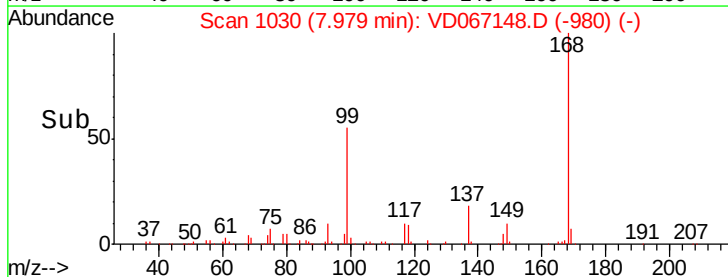
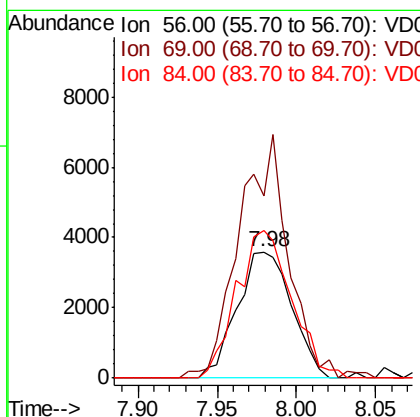
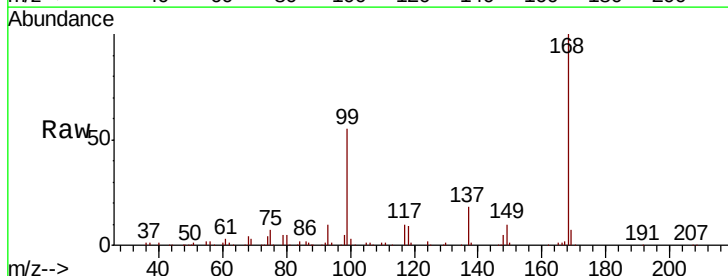
Instrument :
 MSVOA_D
 ClientSampled :
 WC-1

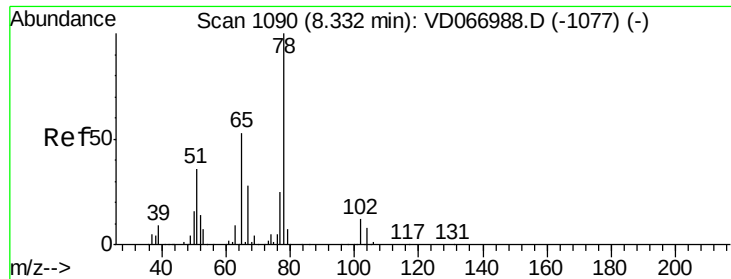
Tot Ion: 77 Resp: 1224
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.4 34.2#



#31
 Cyclohexane
 Concen: 1.414 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VD067148.D
 Acq: 07 Oct 2020 13:16

Tgt Ion: 56 Resp: 8576
 Ion Ratio Lower Upper
 56 100
 69 144.2 29.0 43.6#
 84 117.2 74.2 111.2#

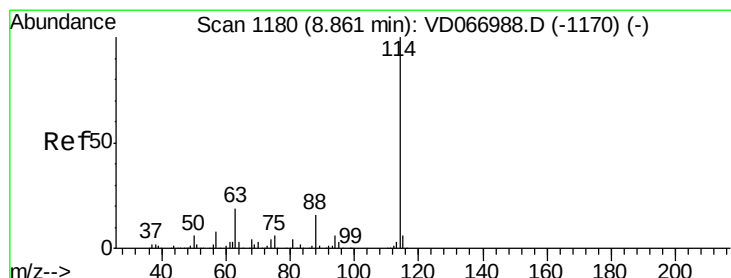
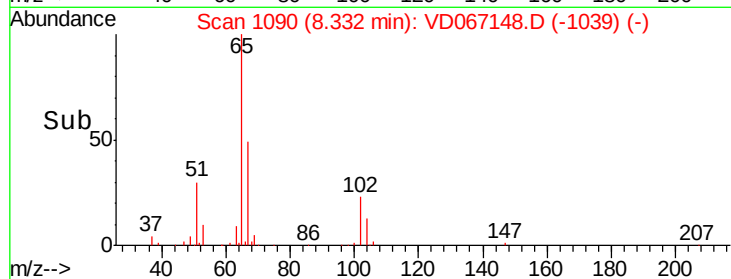
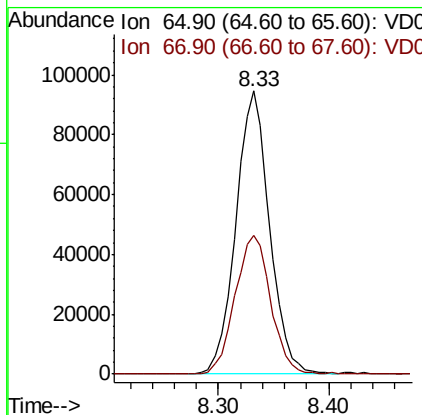
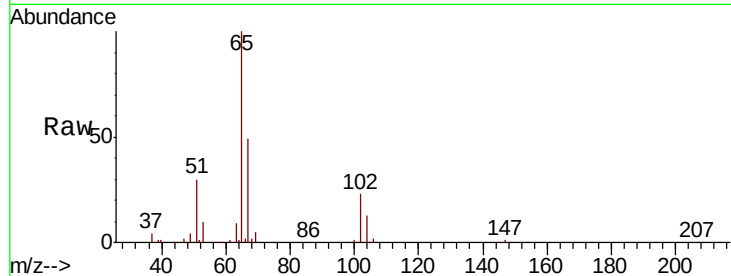




#33
 1,2-Dichloroethane-d4
 Concen: 50.119 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067148.D
 Acq: 07 Oct 2020 13:16

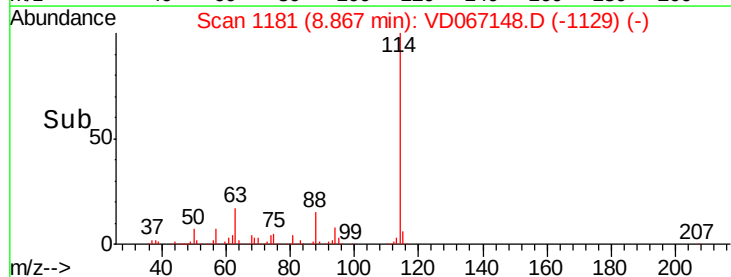
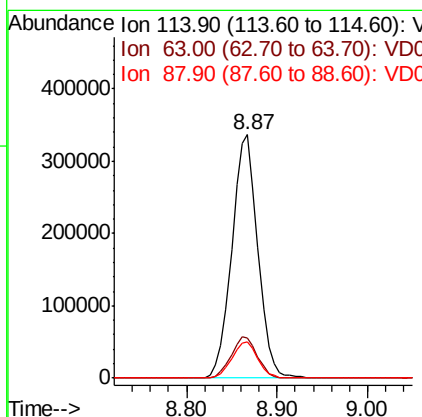
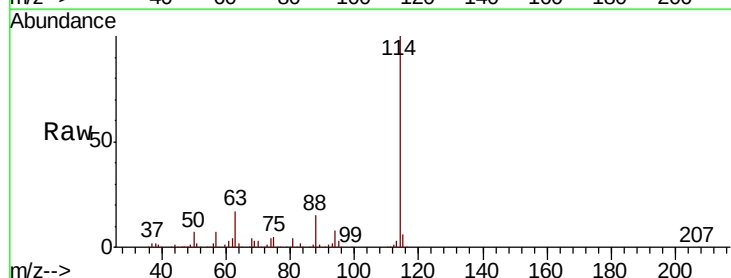
Instrument :
 MSVOA_D
 ClientSampled :
 WC-1

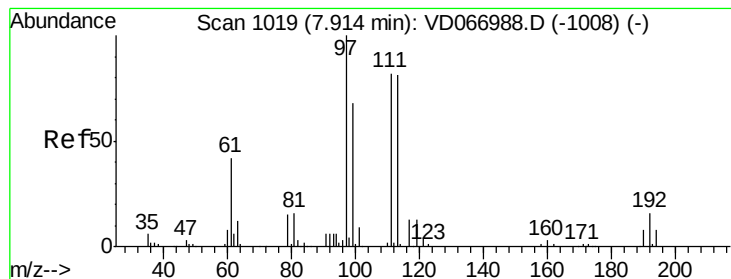
Tot Ion: 65 Resp: 202455
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067148.D
 Acq: 07 Oct 2020 13:16

Tgt Ion: 114 Resp: 671255
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 38.4
 88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.657 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067148.D

Acq: 07 Oct 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

WC-1

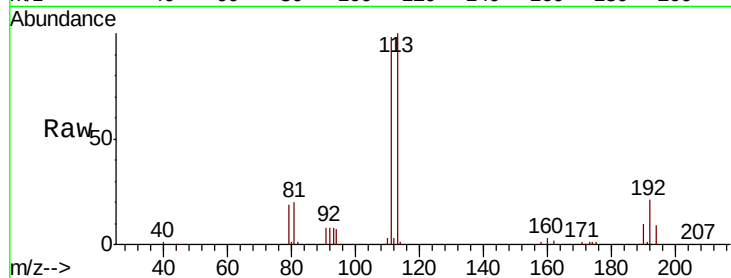
Tot Ion:113 Resp: 213829

Ion Ratio Lower Upper

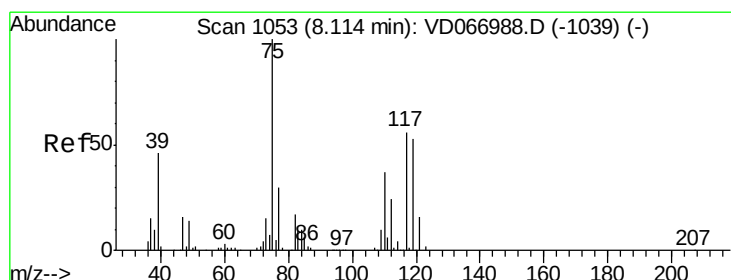
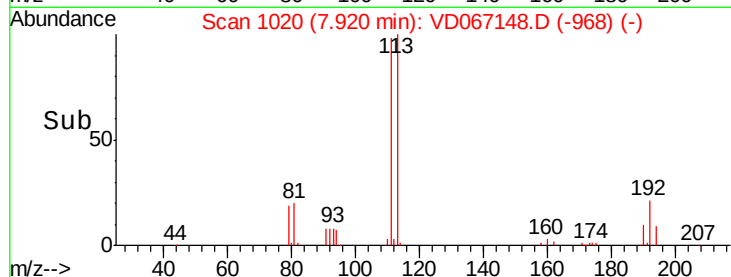
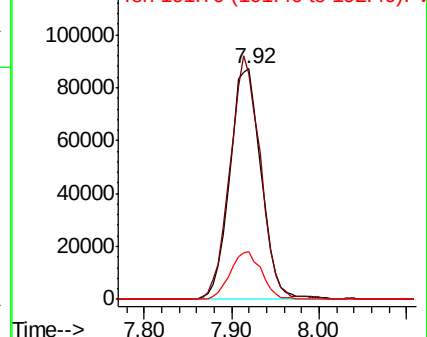
113 100

111 101.9 83.0 124.4

192 20.4 15.5 23.3



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: 4.861 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067148.D

Acq: 07 Oct 2020 13:16

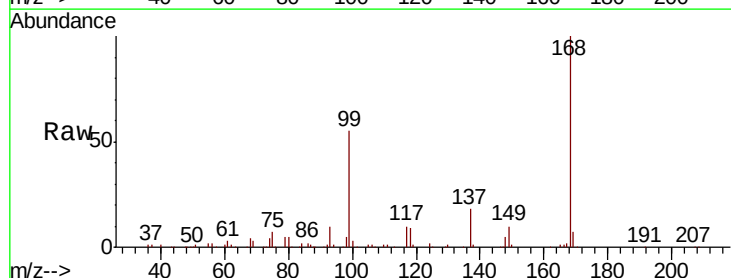
Tgt Ion: 75 Resp: 30413

Ion Ratio Lower Upper

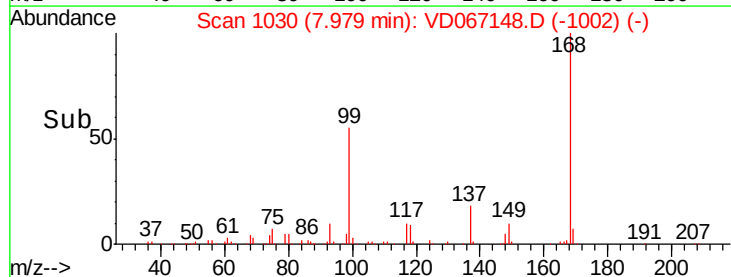
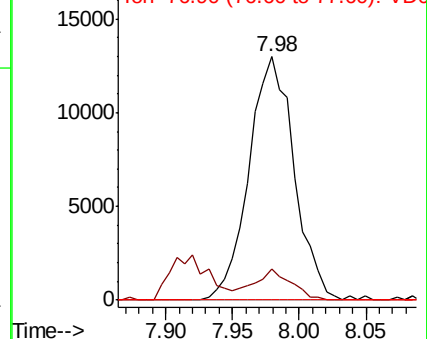
75 100

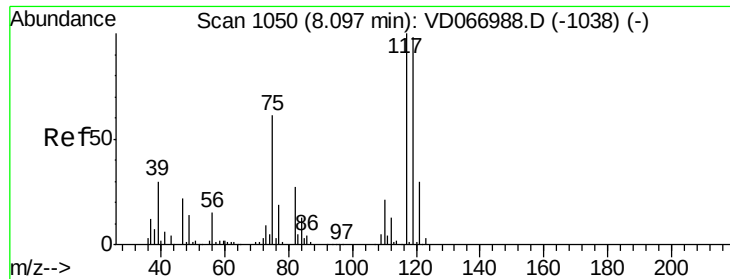
110 10.6 18.4 55.0#

77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

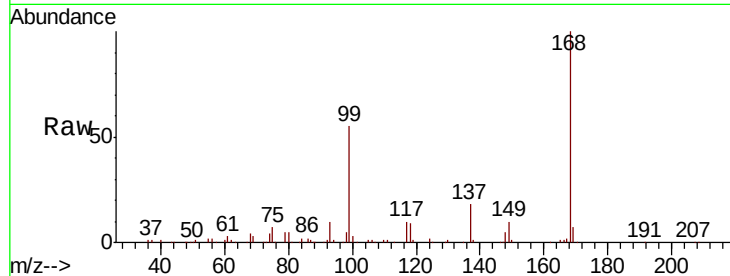




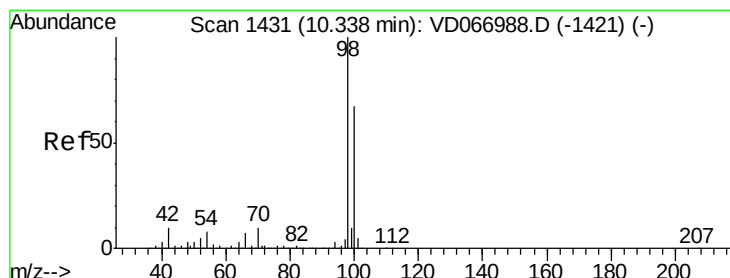
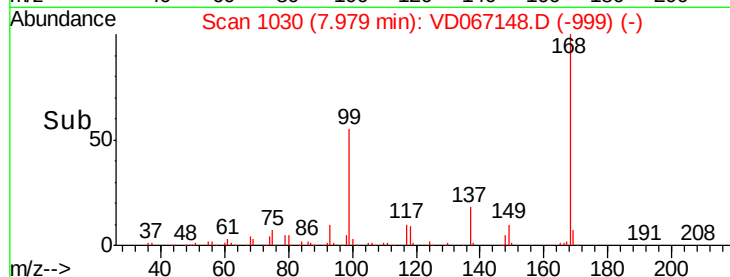
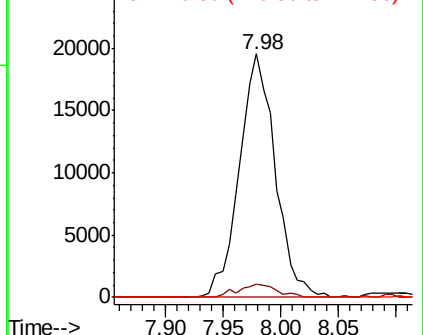
#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD067148.D
Acq: 07 Oct 2020 13:16

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tot Ion:117 Resp: 42169
Ion Ratio Lower Upper
117 100
119 5.6 78.7 118.1#
121 0.0 24.2 36.2#

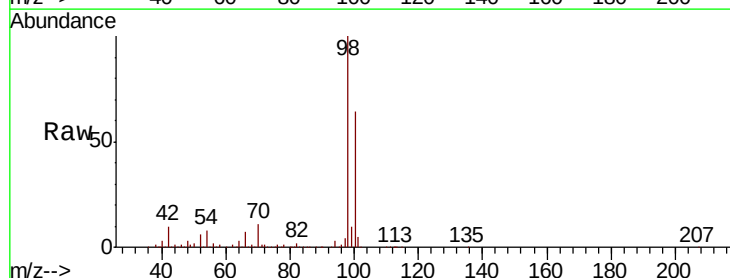


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

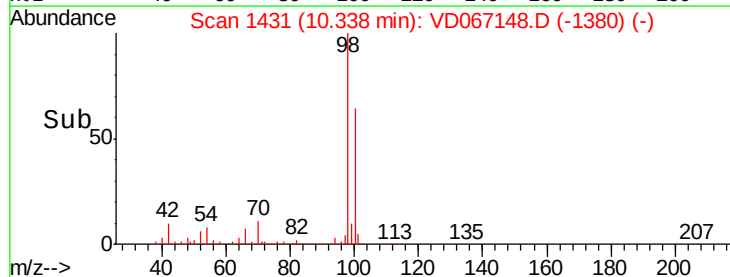
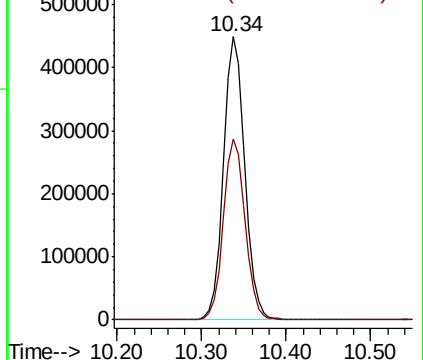


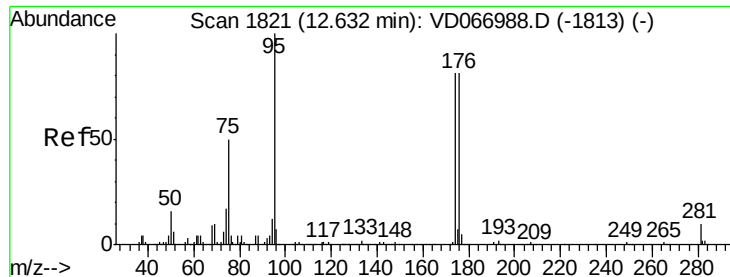
#50
Toluene-d8
Concen: 48.813 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067148.D
Acq: 07 Oct 2020 13:16

Tgt Ion: 98 Resp: 781662
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



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

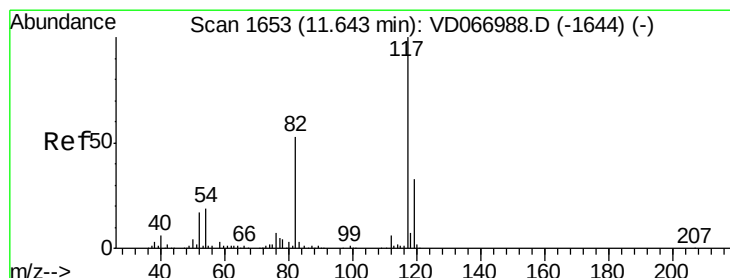
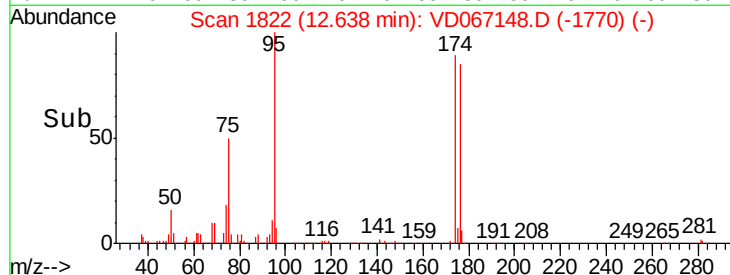
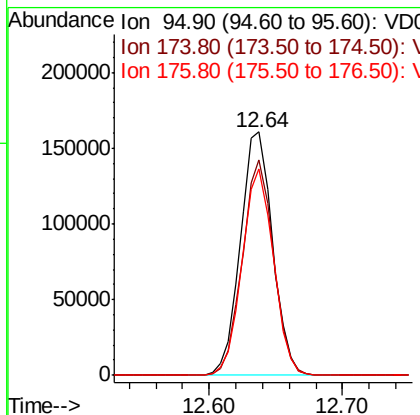
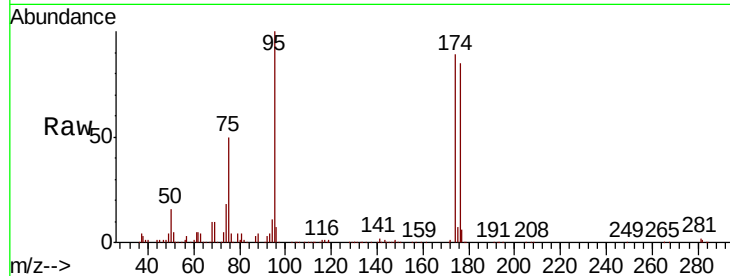




#62
4-Bromofluorobenzene
Concen: 49.161 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067148.D
Acq: 07 Oct 2020 13:16

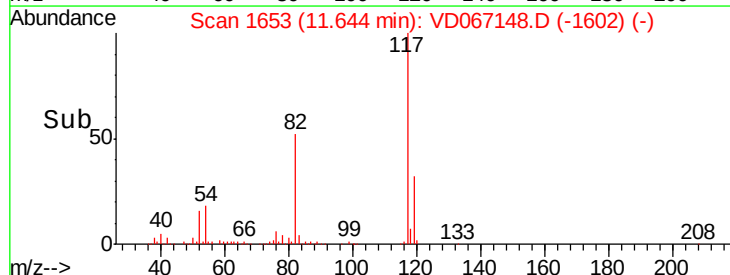
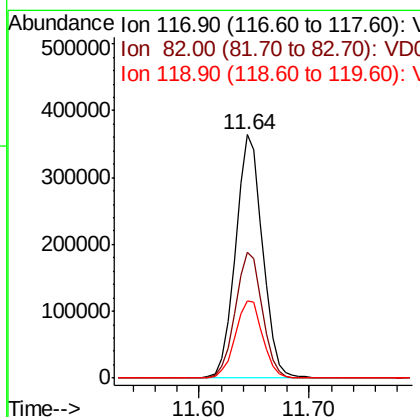
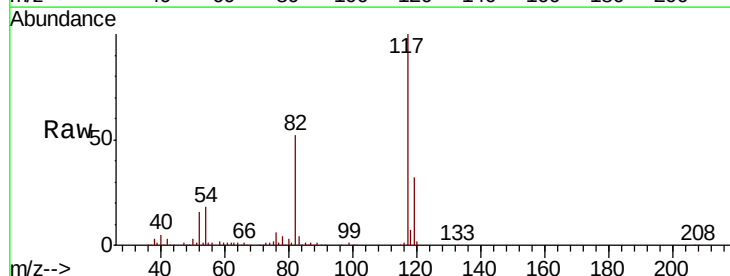
Instrument :
MSVOA_D
ClientSampleId :
WC-1

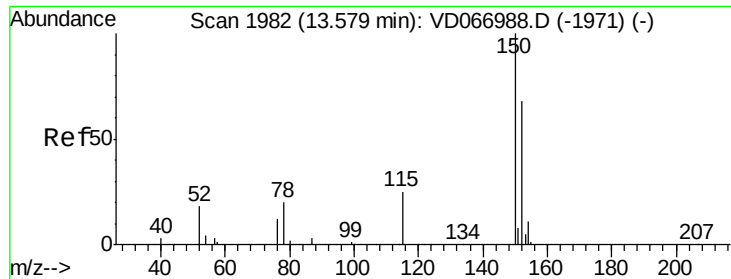
Tot Ion: 95 Resp: 267244
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 82.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067148.D
Acq: 07 Oct 2020 13:16

Tgt Ion: 117 Resp: 622735
Ion Ratio Lower Upper
117 100
82 51.7 42.6 63.8
119 31.8 26.3 39.5



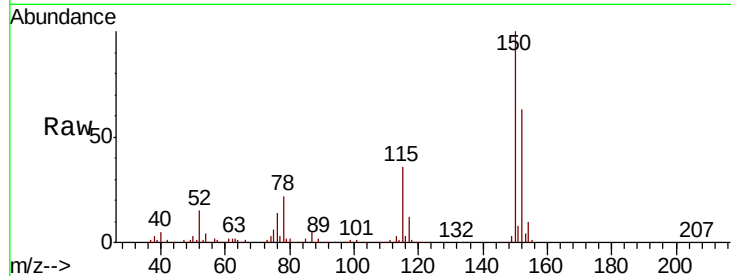


#72

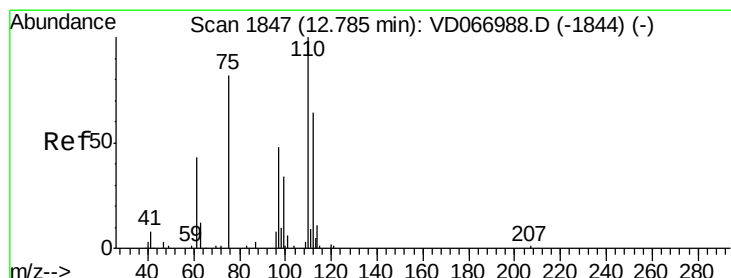
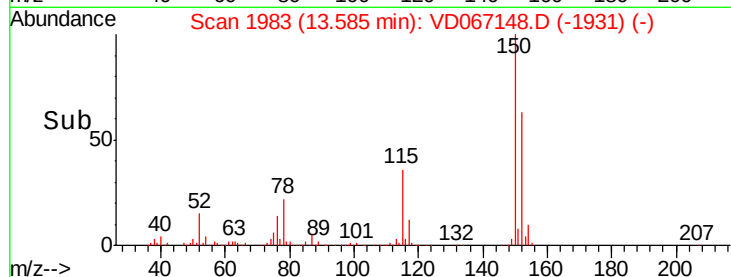
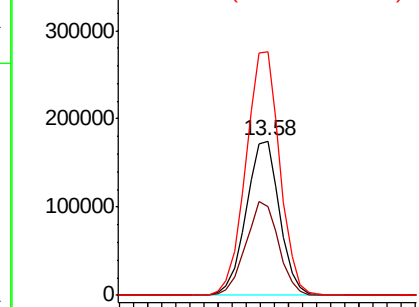
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067148.D
Acq: 07 Oct 2020 13:16

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tot Ion:152 Resp: 289823
Ion Ratio Lower Upper
152 100
115 59.8 29.6 88.8
150 160.1 0.0 344.8



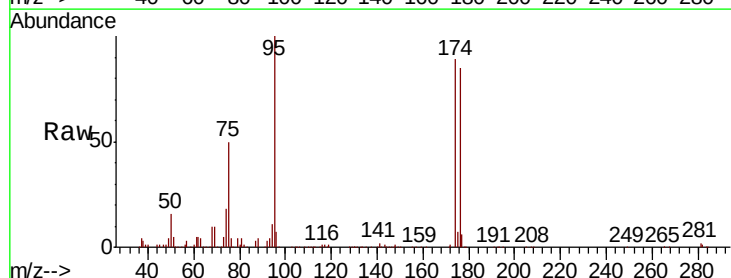
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



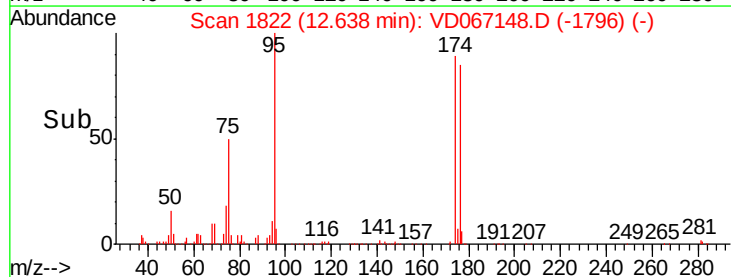
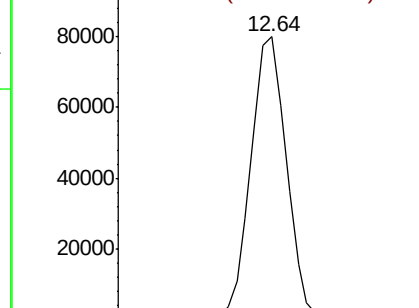
#76

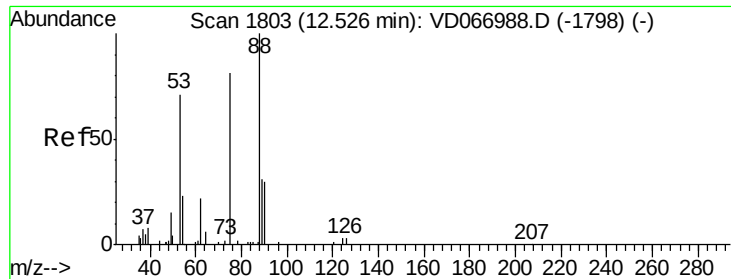
1,2,3-Trichloropropane
Concen: 52.464 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067148.D
Acq: 07 Oct 2020 13:16

Tgt Ion: 75 Resp: 132443
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: 130.799 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067148.D

Acq: 07 Oct 2020 13:16

Instrument :

MSVOA_D

ClientSampleId :

WC-1

Tot Ion: 75 Resp: 132443

Ion Ratio Lower Upper

75 100

53 0.1 73.8 110.6#

89 0.1 38.9 58.3#

