

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067616.D
 Acq On : 12 Nov 2020 12:00
 Operator : VA/SY
 Sample : VD1112SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBL01

Quant Time: Nov 13 00:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	365980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	566094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	587856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	302740	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	164189	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	7.92	113	176863	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
50) Toluene-d8	10.34	98	659963	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.64	95	262514	63.44	ug/l	0.00
Spiked Amount			Recovery	=	126.88%	

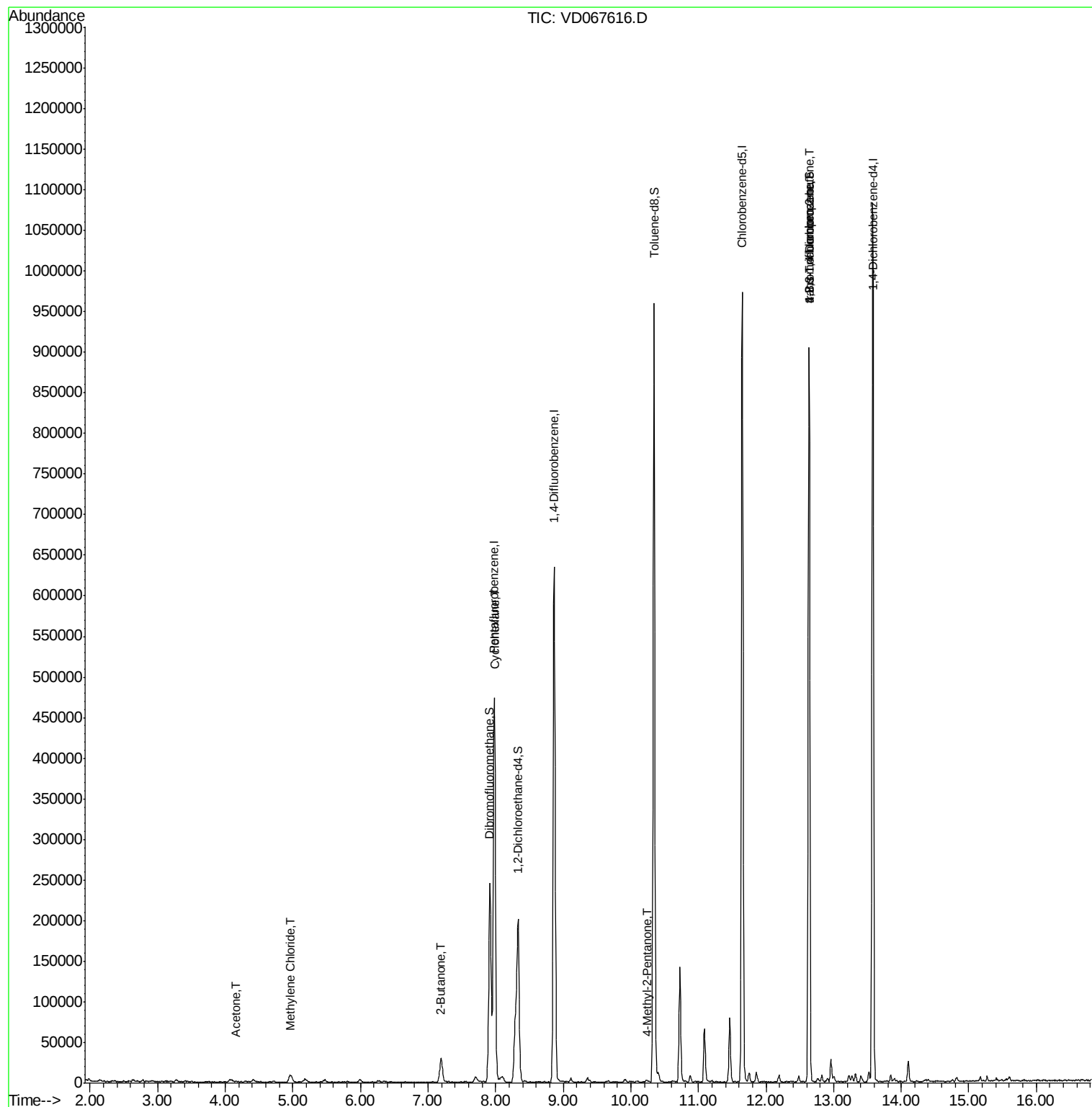
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	1746	Below Cal		92
11) Tert butyl alcohol	5.18	59	2708	Below Cal	#	79
16) Acetone	4.16	43	928	1.938	ug/l #	43
20) Methylene Chloride	4.96	84	4951	1.464	ug/l #	85
25) 2-Butanone	7.18	43	537	1.049	ug/l #	42
31) Cyclohexane	7.99	56	9218	1.986	ug/l #	55
51) 4-Methyl-2-Pentanone	10.24	43	2047	1.720	ug/l #	75
76) 1,2,3-Trichloropropane	12.64	75	133238	72.955	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	133238	148.118	ug/l #	10

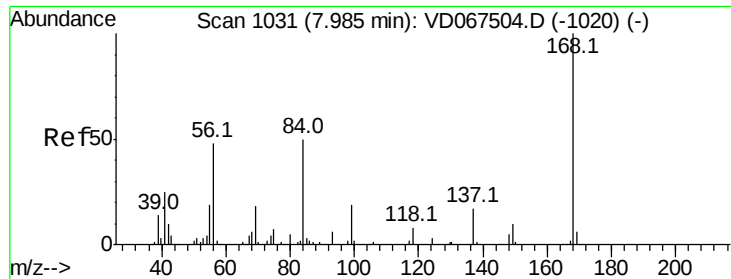
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111220\
Data File : VD067616.D
Acq On : 12 Nov 2020 12:00
Operator : VA/SY
Sample : VD1112SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1112SBL01

Quant Time: Nov 13 00:29:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 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: VD067616.D

Acq: 12 Nov 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

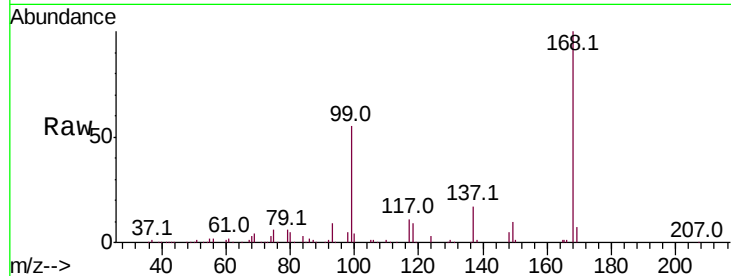
VD1112SBL01

Tot Ion:168 Resp: 365980

Ion Ratio Lower Upper

168 100

99 54.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

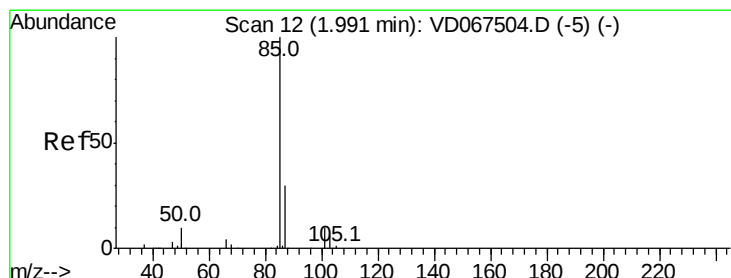
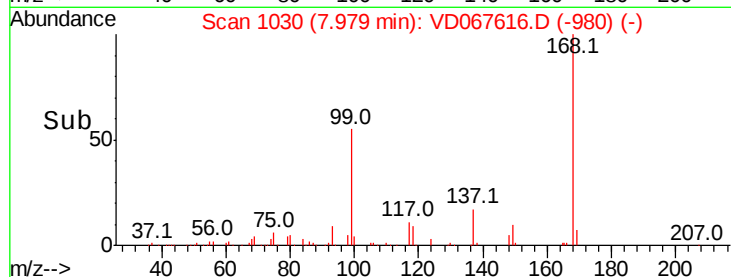
100000

50000

0

Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067616.D

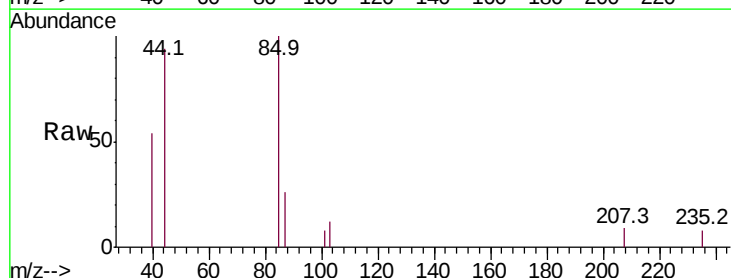
Acq: 12 Nov 2020 12:00

Tgt Ion: 85 Resp: 1746

Ion Ratio Lower Upper

85 100

87 26.3 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

2000

1500

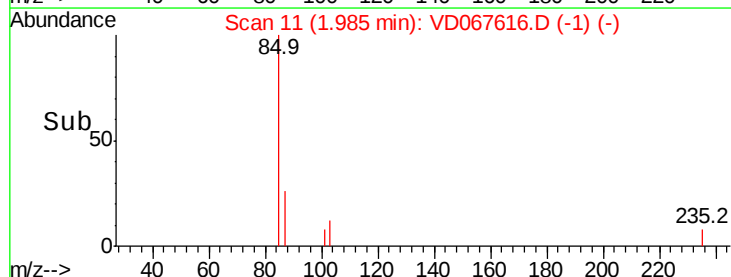
1000

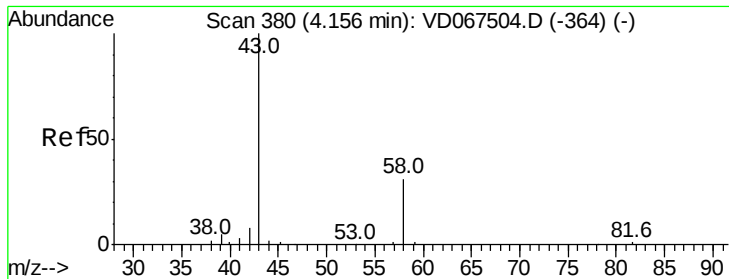
500

0

Time-->

1.94 1.96 1.98 2.00 2.02

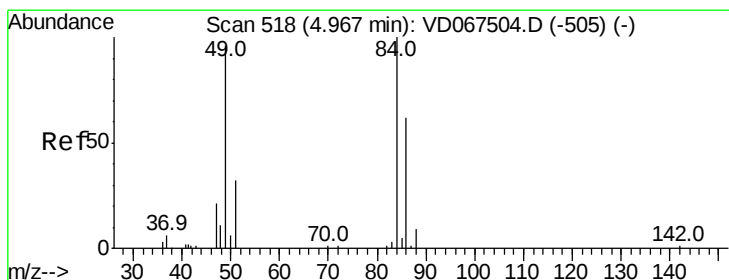
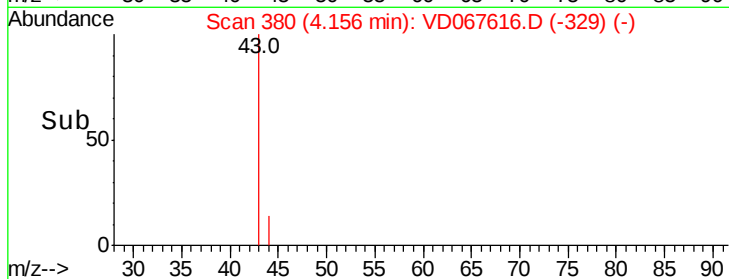
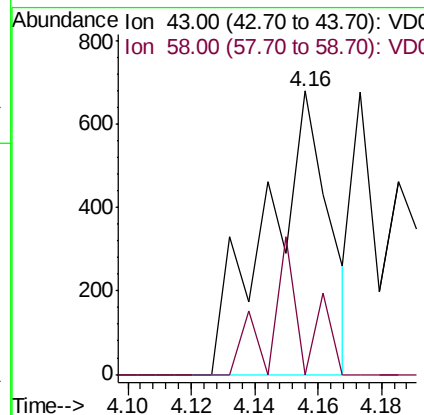
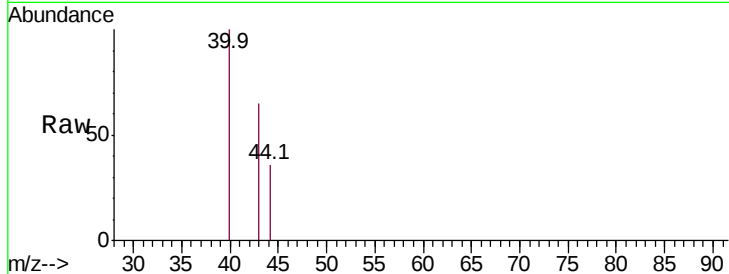




#16
Acetone
Concen: 1.938 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD067616.D
Acq: 12 Nov 2020 12:00

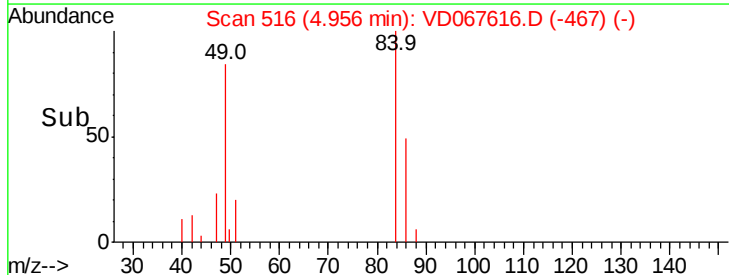
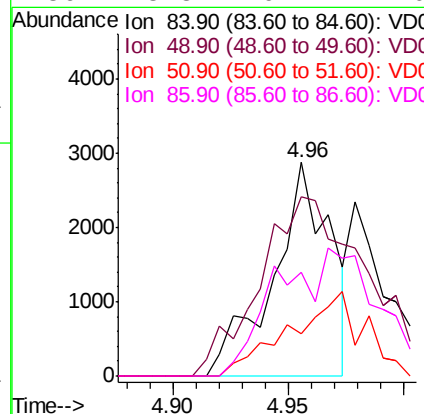
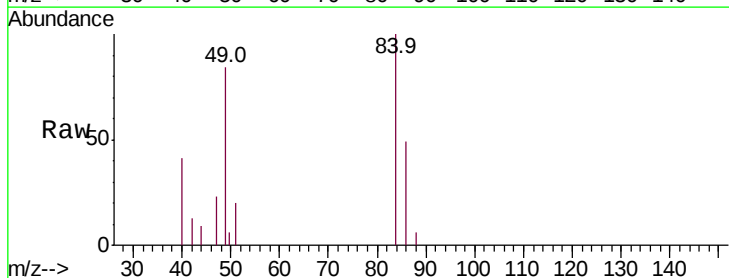
Instrument :
MSVOA_D
ClientSampleId :
VD1112SBL01

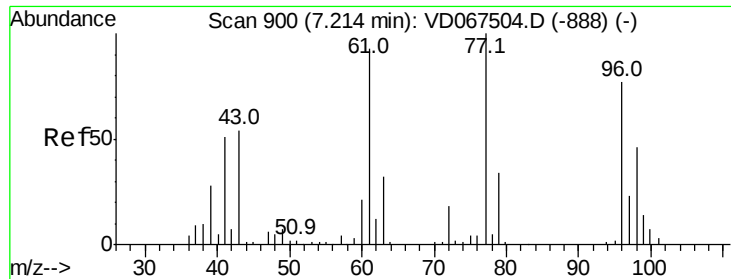
Tot Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 1.464 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD067616.D
Acq: 12 Nov 2020 12:00

Tgt Ion: 84 Resp: 4951
Ion Ratio Lower Upper
84 100
49 83.8 77.0 115.4
51 20.0 25.4 38.2#
86 48.8 49.4 74.0#





#25

2-Butanone

Concen: 1.049 ug/l

RT: 7.18 min Scan# 894

Delta R.T. -0.04 min

Lab File: VD067616.D

Acq: 12 Nov 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

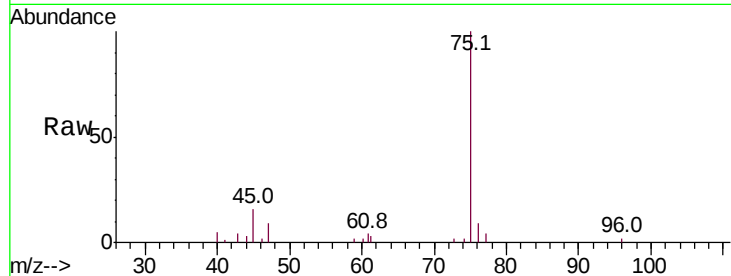
VD1112SBL01

Tot Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

72 0.0 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

600

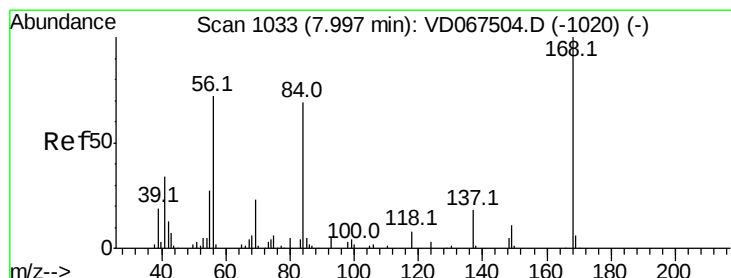
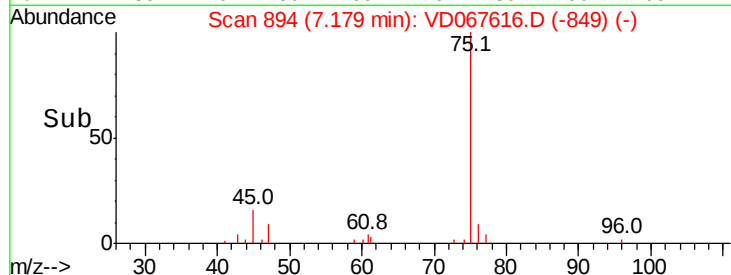
400

200

0

7.16 7.18

Time-->



#31

Cyclohexane

Concen: 1.986 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VD067616.D

Acq: 12 Nov 2020 12:00

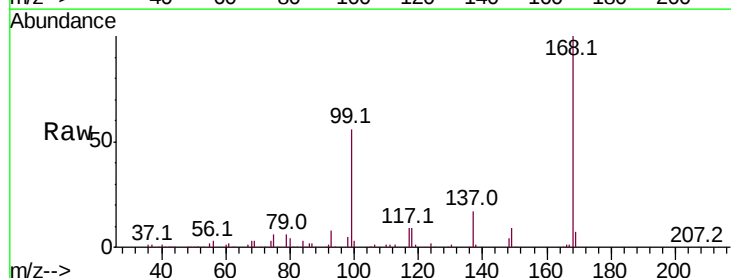
Tgt Ion: 56 Resp: 9218

Ion Ratio Lower Upper

56 100

69 122.9 25.9 38.9#

84 100.9 76.2 114.4



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

8000

6000

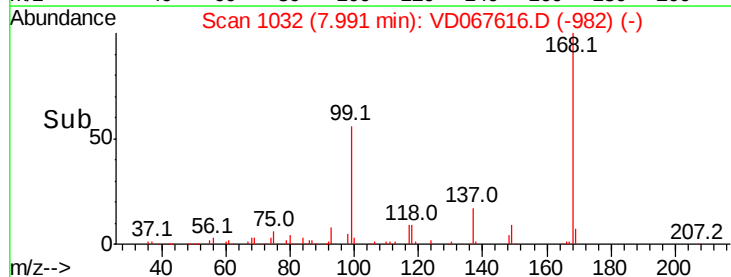
4000

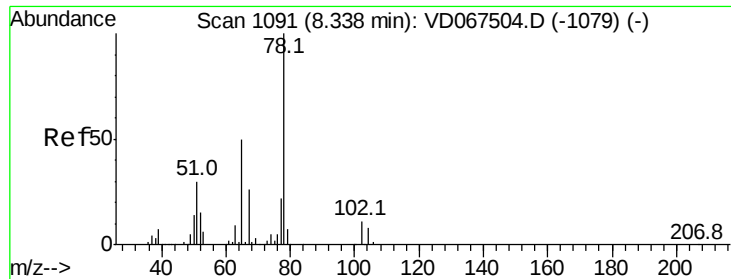
2000

0

7.90 7.95 8.00 8.05

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.308 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067616.D

Acq: 12 Nov 2020 12:00

Instrument :

MSVOA_D

ClientSampleId :

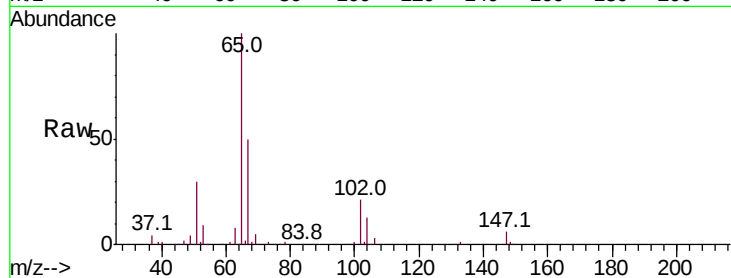
VD1112SBL01

Tot Ion: 65 Resp: 164189

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

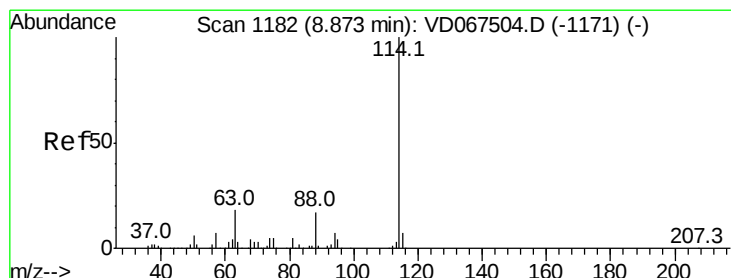
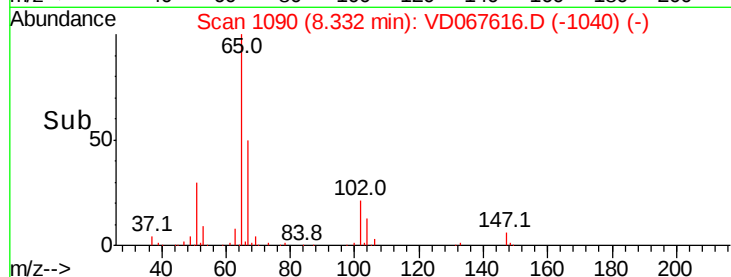
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067616.D

Acq: 12 Nov 2020 12:00

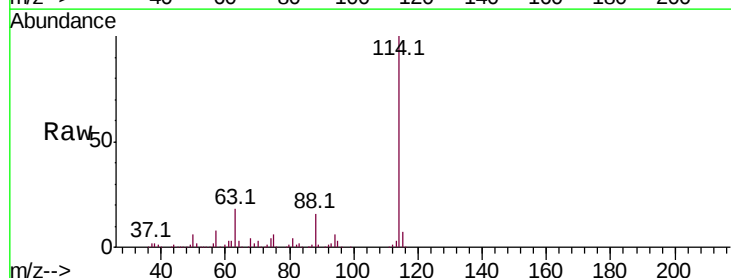
Tgt Ion:114 Resp: 566094

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 15.6 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

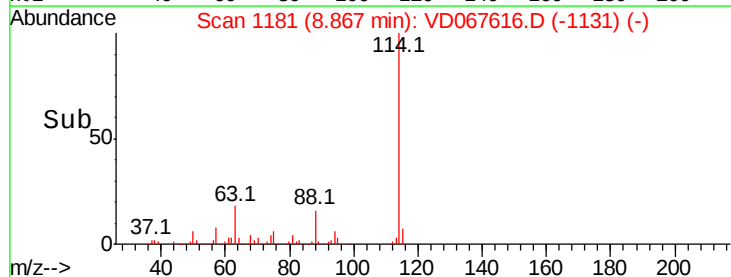
300000

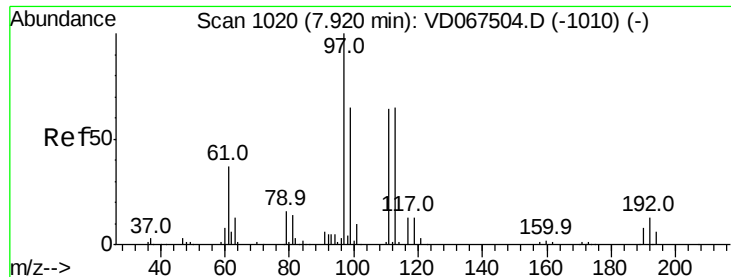
200000

100000

0

Time--> 8.80 8.90 9.00

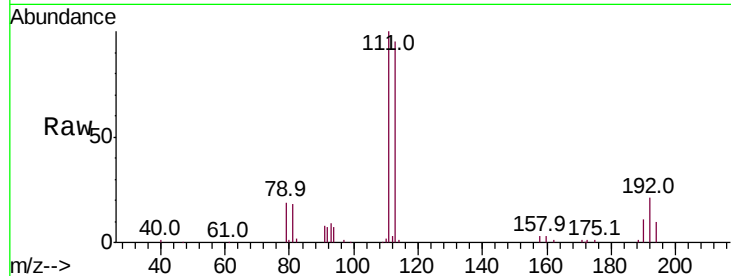




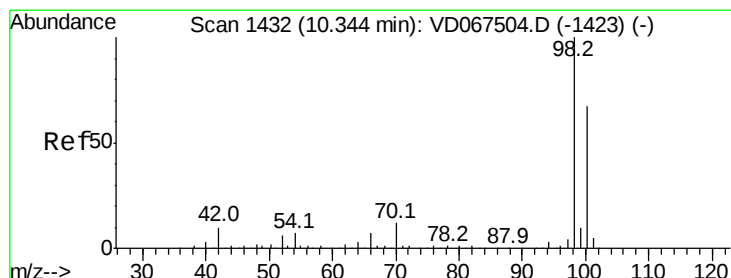
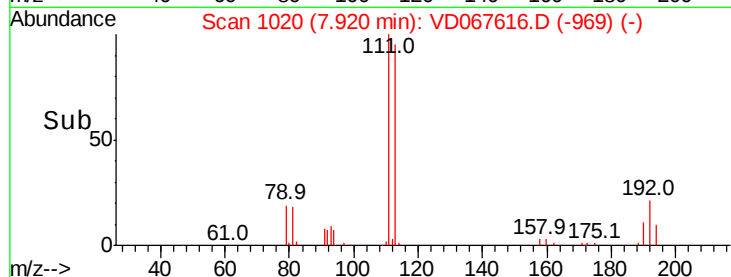
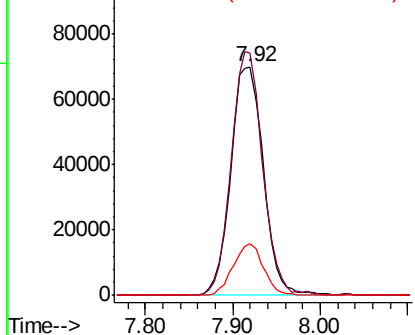
#35
 Dibromofluoromethane
 Concen: 51.855 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067616.D
 Acq: 12 Nov 2020 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBL01

Tot Ion:113 Resp: 176863
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.0 120.0
 192 20.9 16.3 24.5

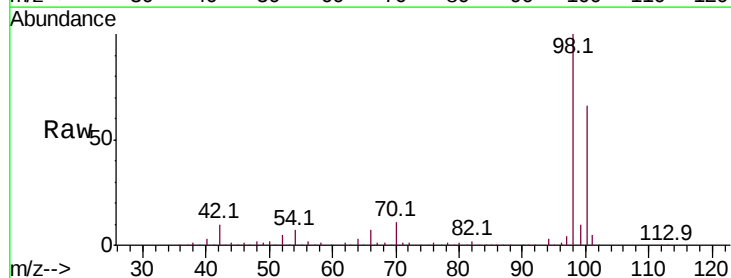


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

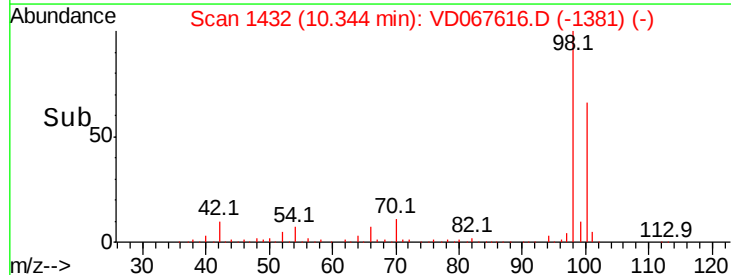
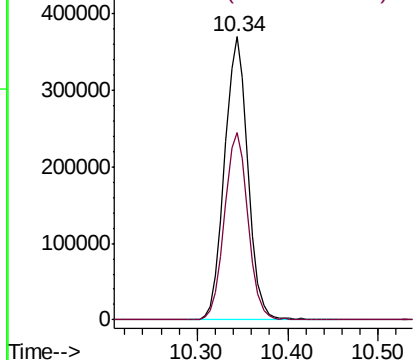


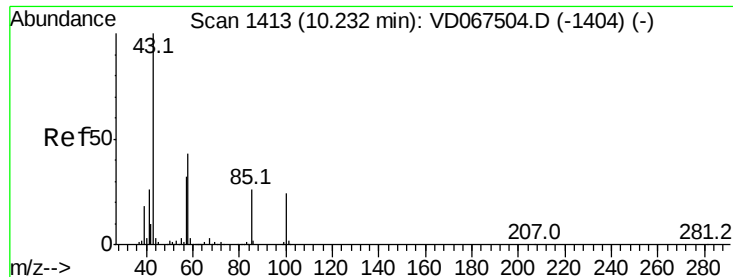
#50
 Toluene-d8
 Concen: 55.061 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067616.D
 Acq: 12 Nov 2020 12:00

Tgt Ion: 98 Resp: 659963
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.6



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

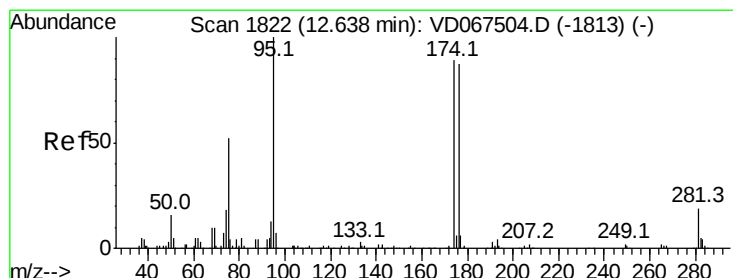
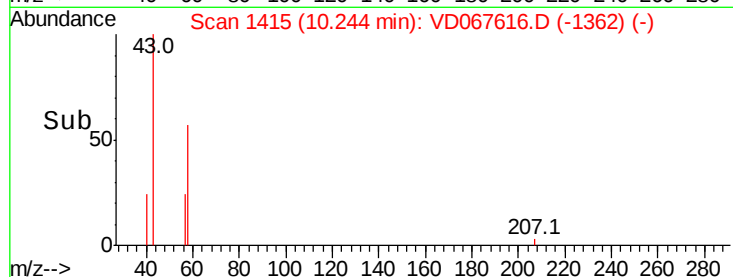
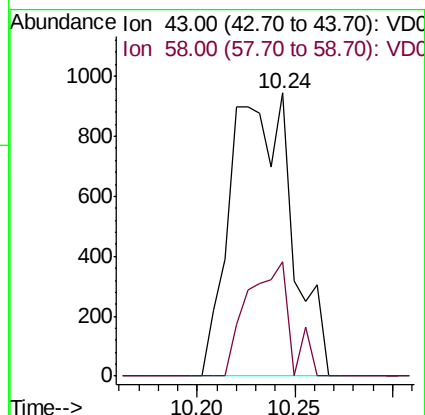
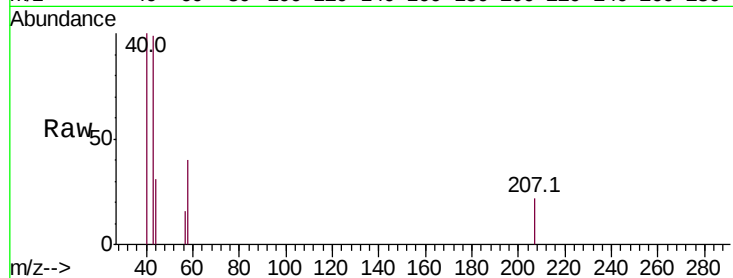




#51
4-Methyl-2-Pentanone
Concen: 1.720 ug/l
RT: 10.24 min Scan# 1415
Delta R.T. 0.01 min
Lab File: VD067616.D
Acq: 12 Nov 2020 12:00

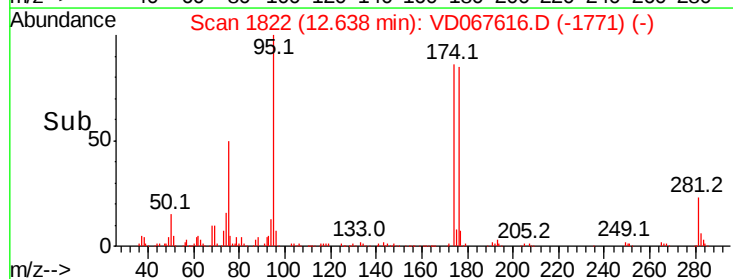
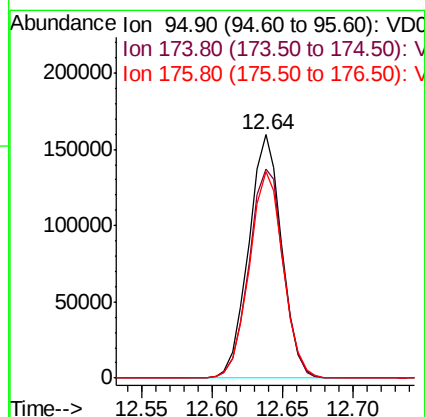
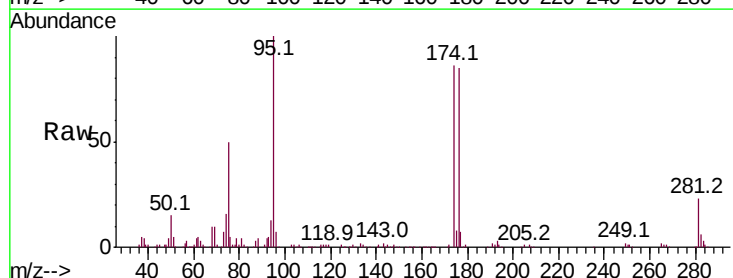
Instrument :
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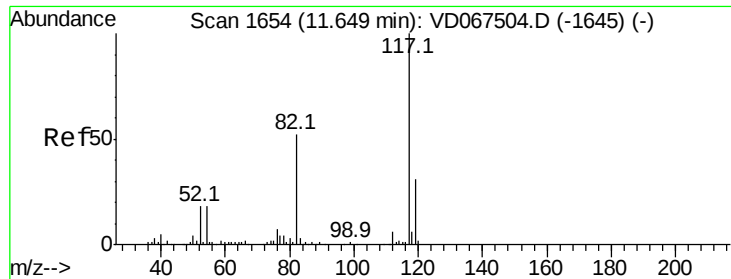
Tot Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
58 28.3 35.6 53.4#



#62
4-Bromofluorobenzene
Concen: 63.438 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067616.D
Acq: 12 Nov 2020 12:00

Tgt Ion: 95 Resp: 262514
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.8
176 86.7 0.0 172.0

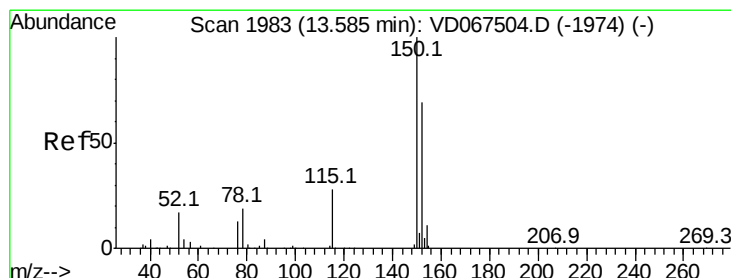
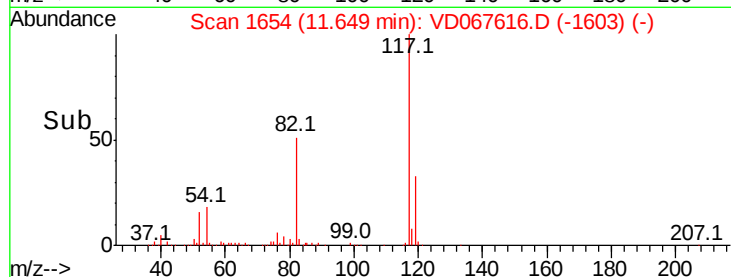
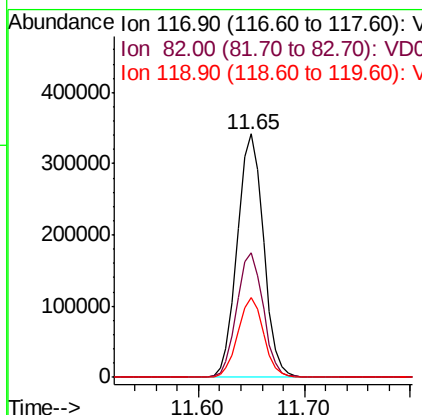
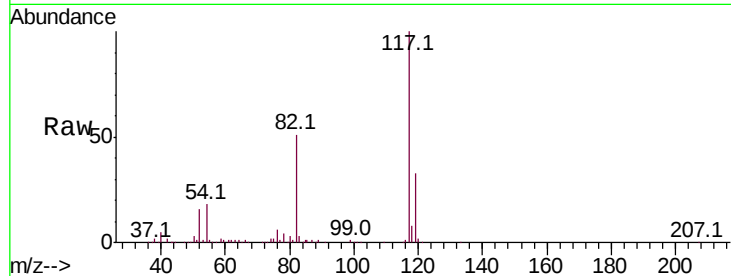




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067616.D
Acq: 12 Nov 2020 12:00

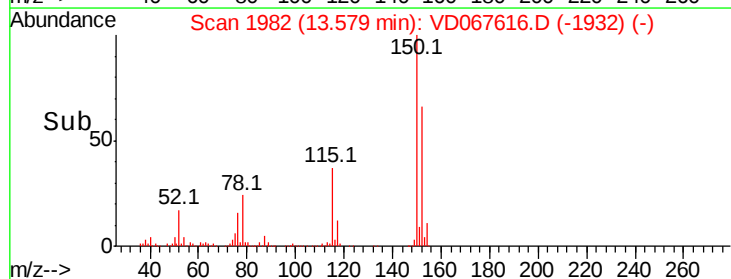
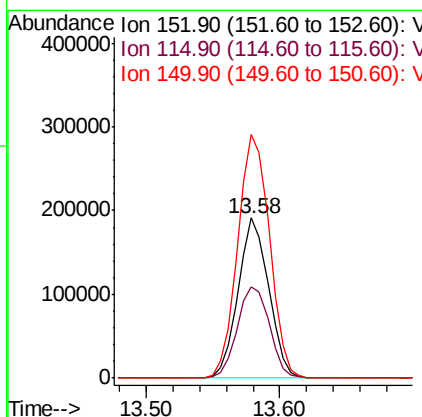
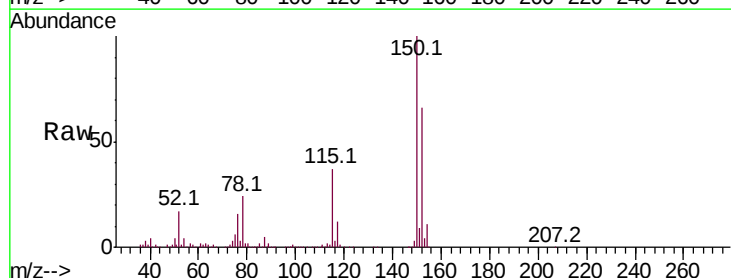
Instrument :
MSVOA_D
ClientSampleId :
VD1112SBL01

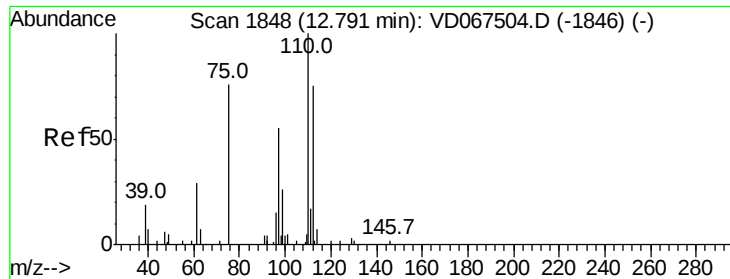
Tot Ion:117 Resp: 587856
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 32.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067616.D
Acq: 12 Nov 2020 12:00

Tgt Ion:152 Resp: 302740
Ion Ratio Lower Upper
152 100
115 60.2 29.3 88.0
150 157.9 0.0 338.2

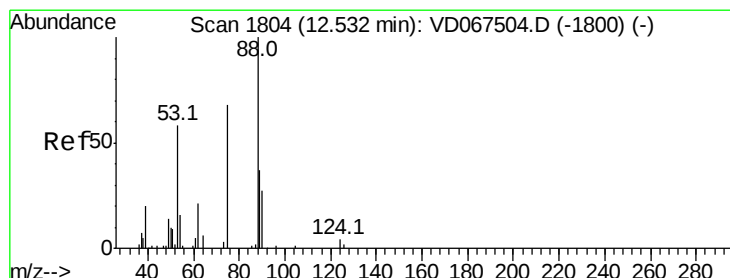
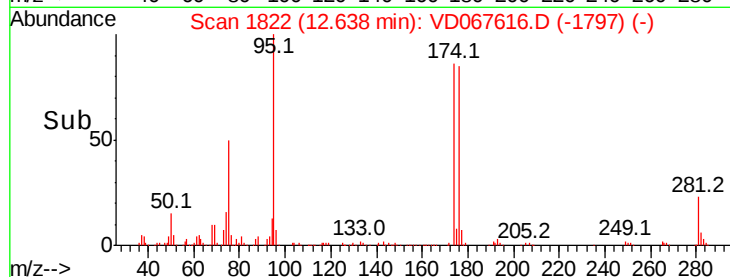
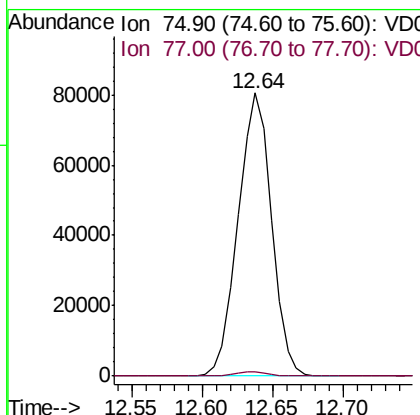
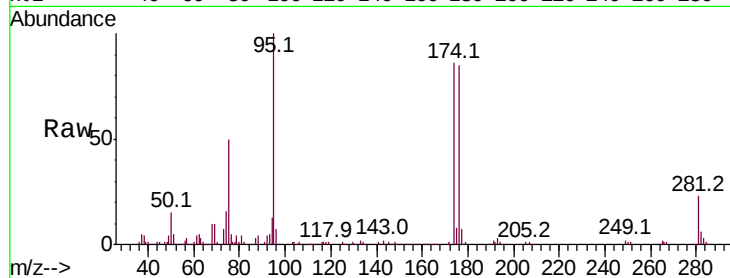




#76
 1,2,3-Trichloropropane
 Concen: 72.955 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067616.D
 Acq: 12 Nov 2020 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1112SBL01

Tot Ion: 75 Resp: 133238
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.118 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067616.D
 Acq: 12 Nov 2020 12:00

Tgt Ion: 75 Resp: 133238
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.9 113.9#
 89 0.1 44.6 67.0#

