

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067530.D
 Acq On : 04 Nov 2020 19:45
 Operator : VA/SY
 Sample : L4623-02
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Nov 05 00:41:32 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	296038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	476785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	476309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	233380	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	141924	54.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.66%	
35) Dibromofluoromethane	7.92	113	152075	52.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.88%	
50) Toluene-d8	10.34	98	558145	55.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.64	95	198851	57.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.10%	

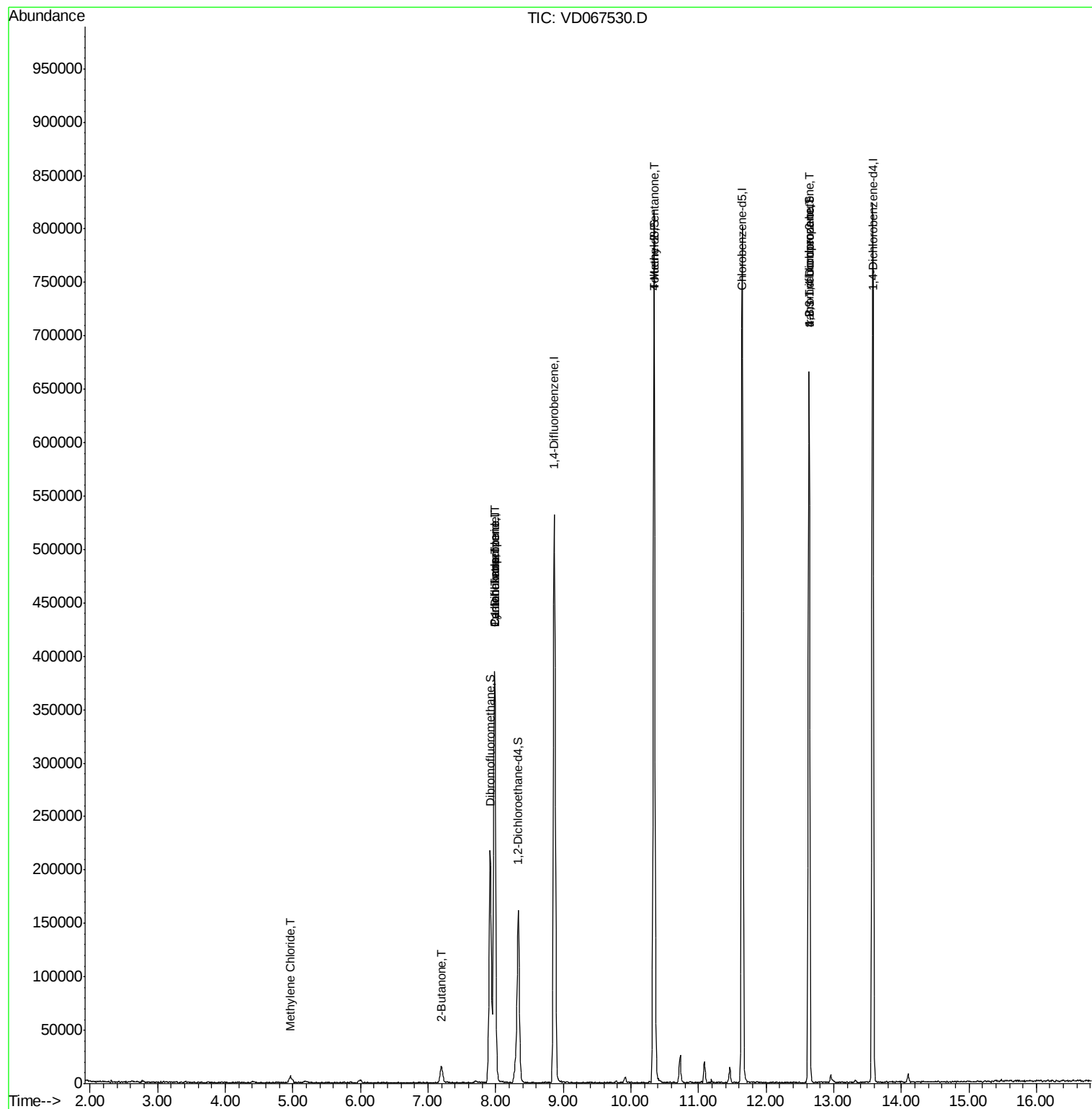
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	61	Below Cal	#	44
11) Tert butyl alcohol	5.23	59	71	Below Cal	#	79
20) Methylene Chloride	4.96	84	5162	1.887	ug/l #	72
25) 2-Butanone	7.20	43	603	1.457	ug/l #	42
31) Cyclohexane	7.98	56	5345	1.424	ug/l #	4
36) 1,1-Dichloropropene	7.98	75	21509	5.270	ug/l #	49
38) Carbon Tetrachloride	7.99	117	30774	5.804	ug/l #	15
51) 4-Methyl-2-Pentanone	10.35	43	1984	1.980	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	104311	74.091	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	104311	150.424	ug/l #	10

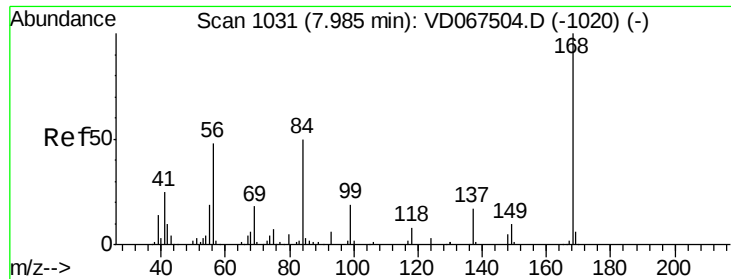
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110420\
Data File : VD067530.D
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Quant Time: Nov 05 00:41:32 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# 1031

Delta R.T. -0.00 min

Lab File: VD067530.D

Acq: 04 Nov 2020 19:45

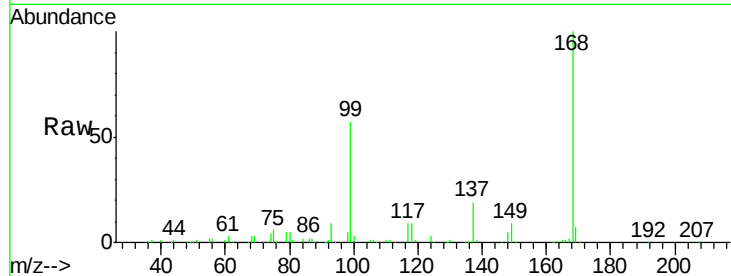
Instrument :
MSVOA_D
ClientSampleId :
VOC

Tot Ion:168 Resp: 296038

Ion Ratio Lower Upper

168 100

99 57.4 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

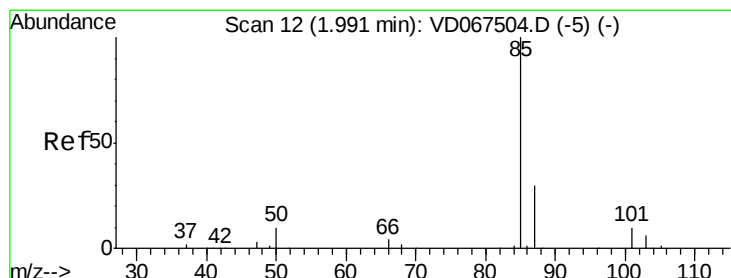
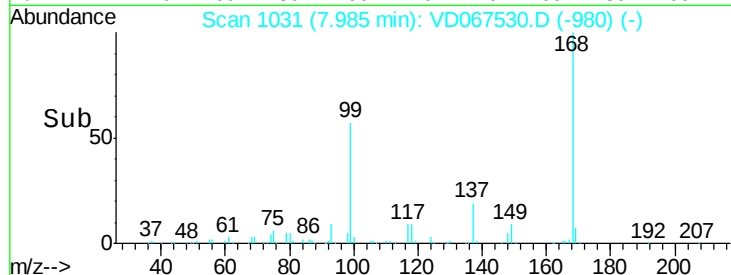
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067530.D

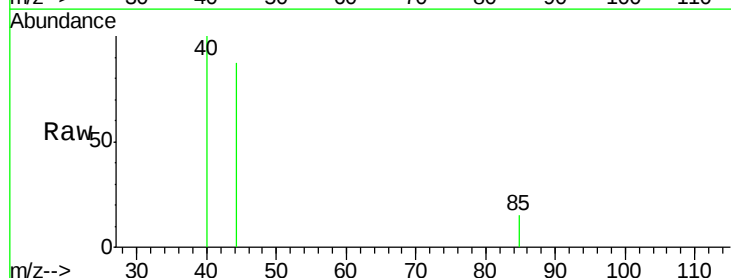
Acq: 04 Nov 2020 19:45

Tgt Ion: 85 Resp: 61

Ion Ratio Lower Upper

85 100

87 0.0 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

200

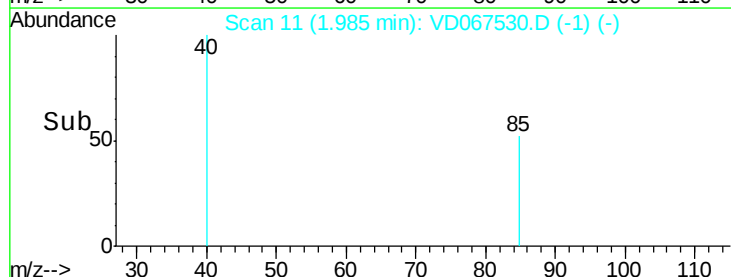
150

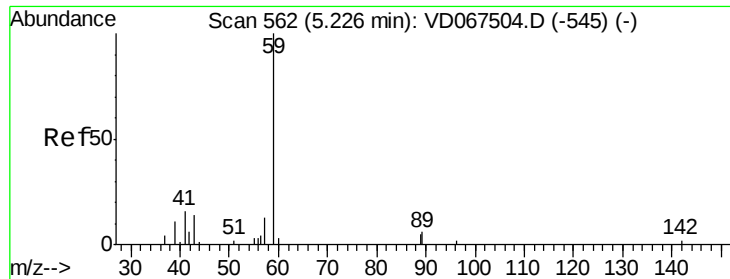
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50

0

Time-->

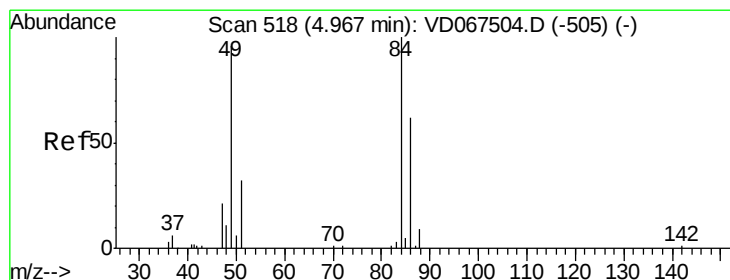
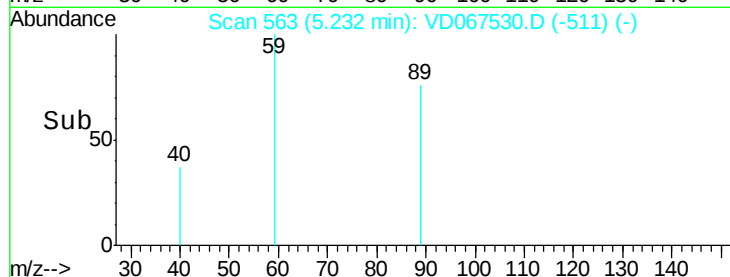
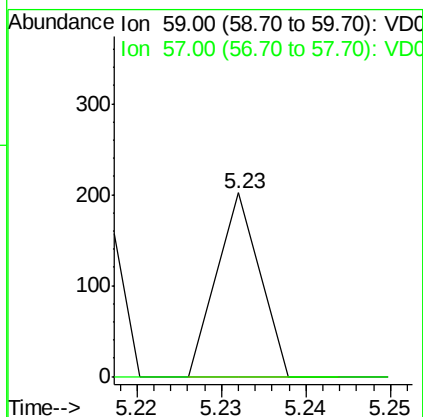
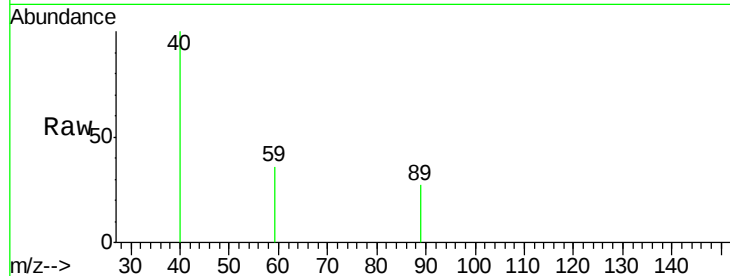




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

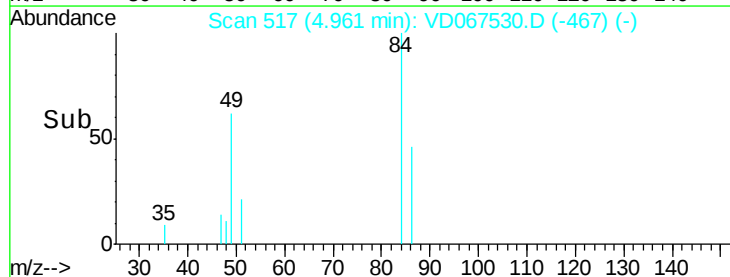
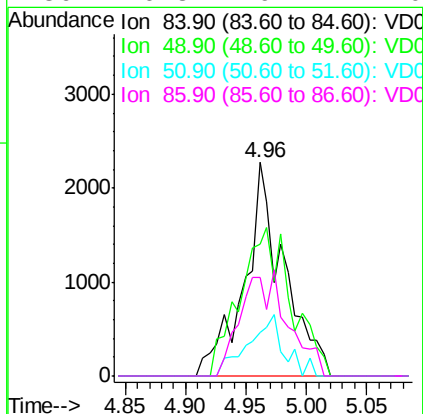
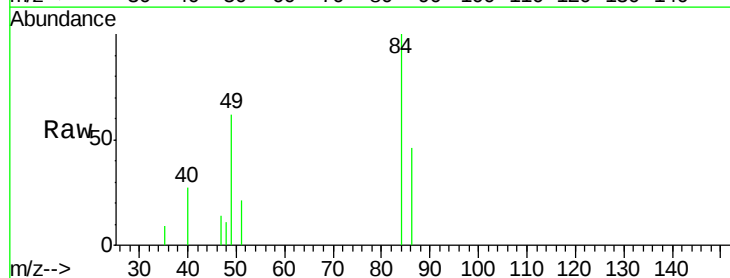
Instrument :
MSVOA_D
ClientSampleId :
VOC

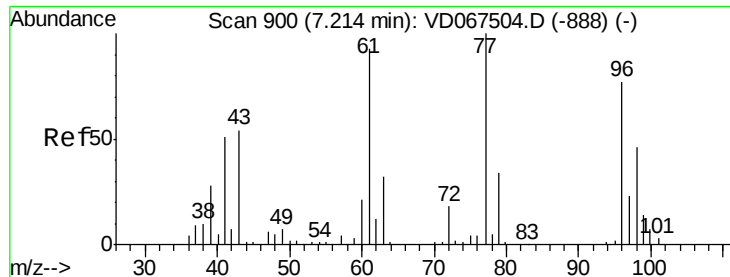
Tot Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 5.9 8.9#



#20
Methylene Chloride
Concen: 1.887 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

Tgt Ion: 84 Resp: 5162
Ion Ratio Lower Upper
84 100
49 61.9 77.0 115.4#
51 20.6 25.4 38.2#
86 46.3 49.4 74.0#





#25

2-Butanone

Concen: 1.457 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067530.D

Acq: 04 Nov 2020 19:45

Instrument :

MSVOA_D

ClientSampleId :

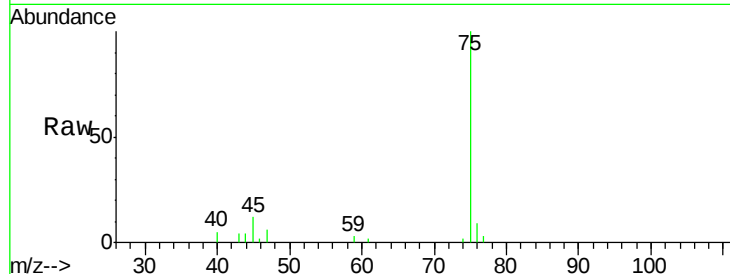
VOC

Tot Ion: 43 Resp: 603

Ion Ratio Lower Upper

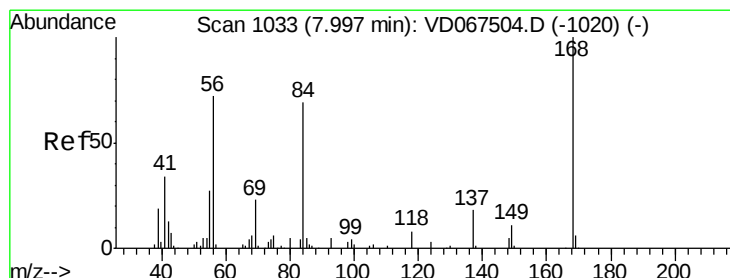
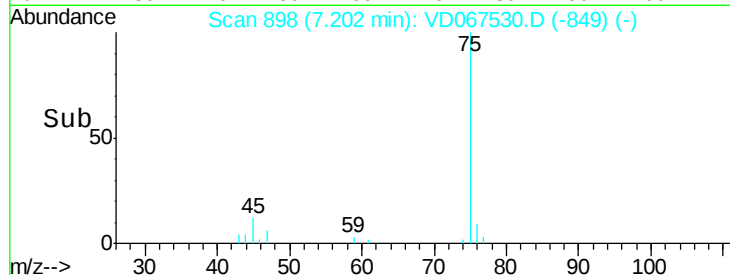
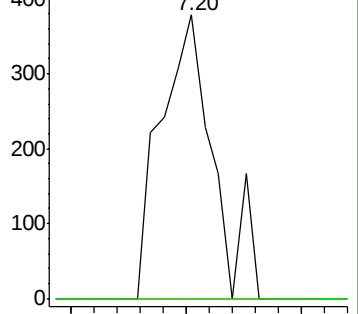
43 100

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



#31

Cyclohexane

Concen: 1.424 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.02 min

Lab File: VD067530.D

Acq: 04 Nov 2020 19:45

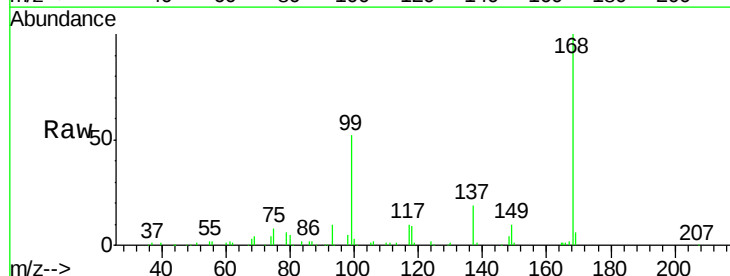
Tgt Ion: 56 Resp: 5345

Ion Ratio Lower Upper

56 100

69 193.7 25.9 38.9#

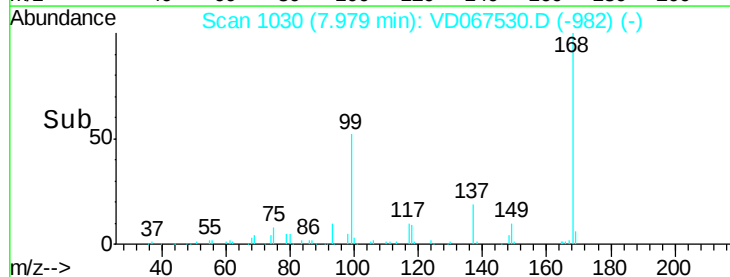
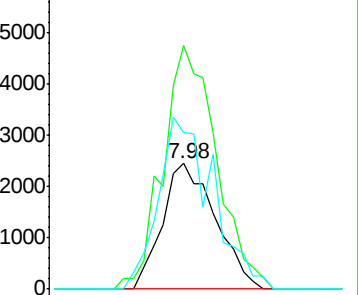
84 125.1 76.2 114.4#

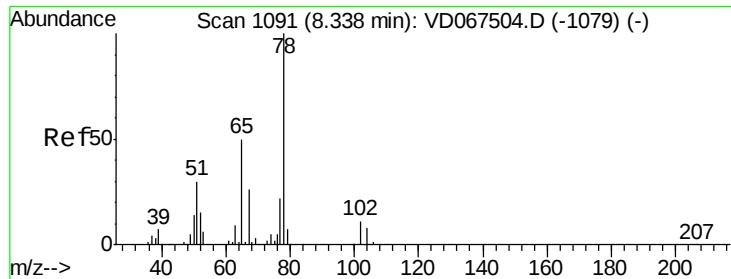


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

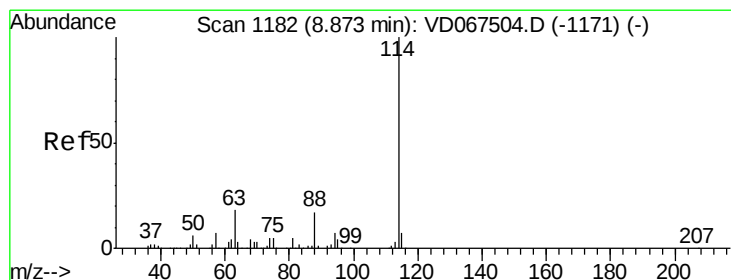
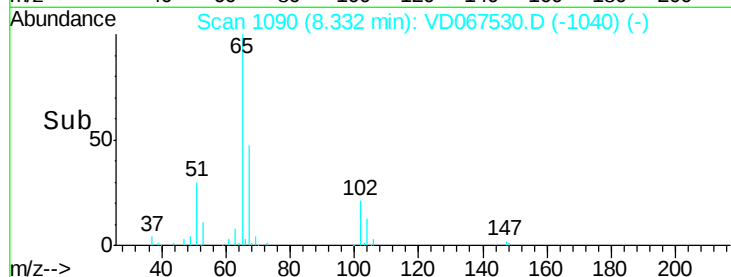
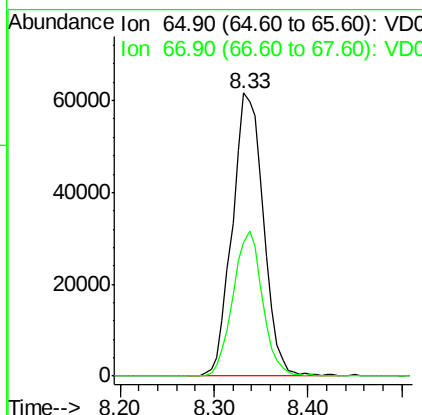
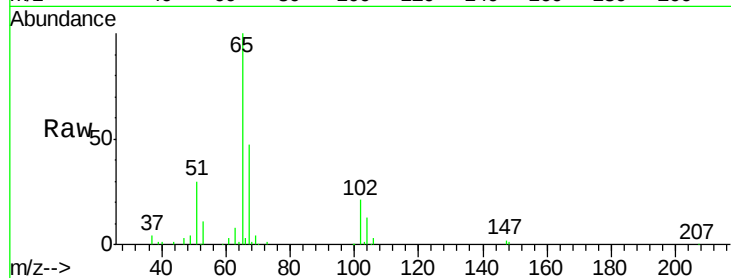




#33
 1,2-Dichloroethane-d4
 Concen: 54.828 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067530.D
 Acq: 04 Nov 2020 19:45

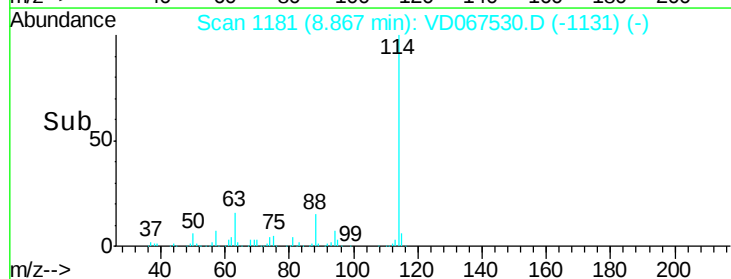
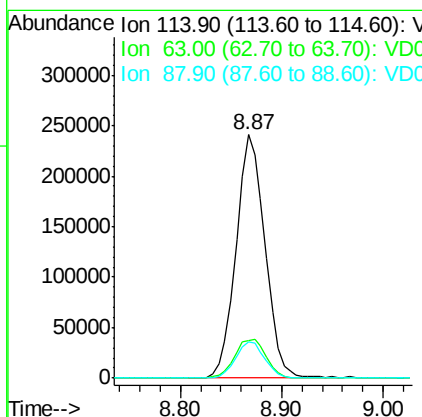
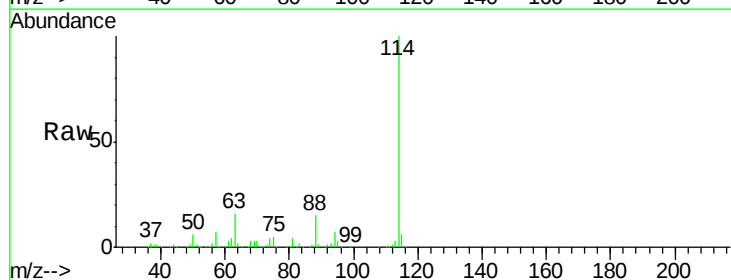
Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

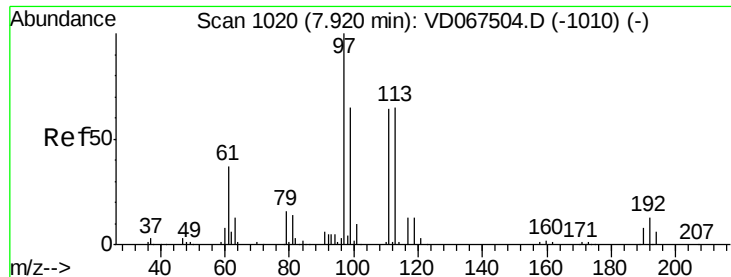
Tot Ion: 65 Resp: 141924
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067530.D
 Acq: 04 Nov 2020 19:45

Tgt Ion: 114 Resp: 476785
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 35.0
 88 14.8 0.0 33.0

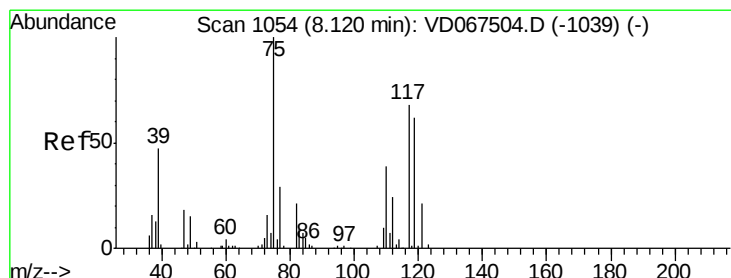
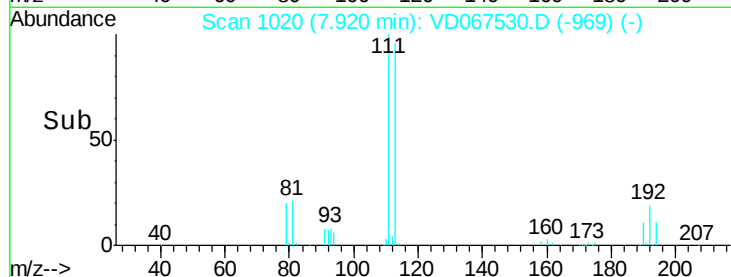
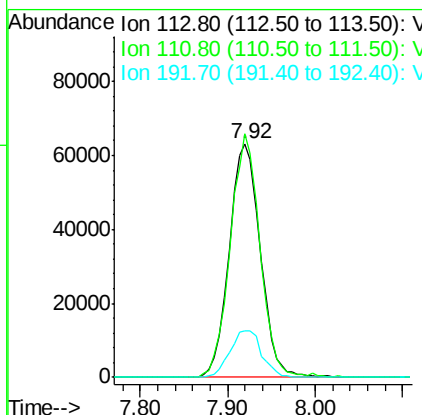
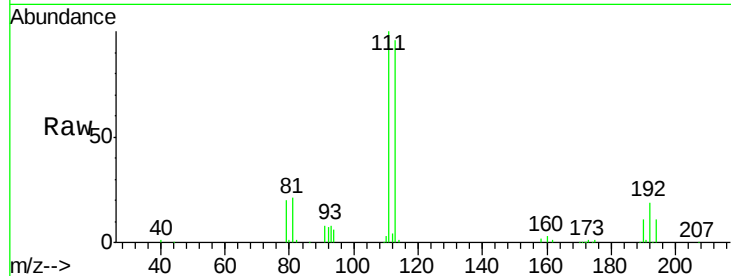




#35
 Dibromofluoromethane
 Concen: 52.940 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067530.D
 Acq: 04 Nov 2020 19:45

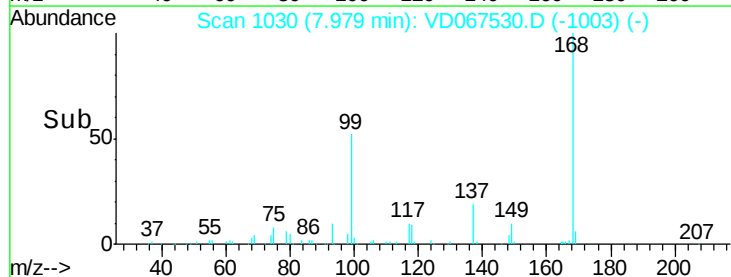
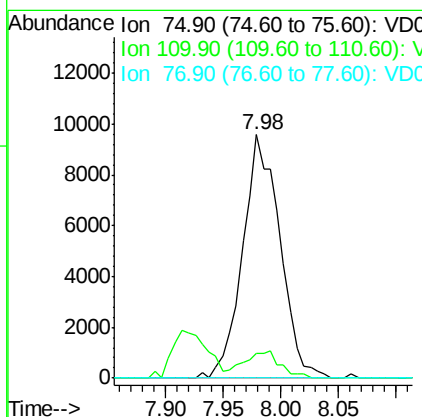
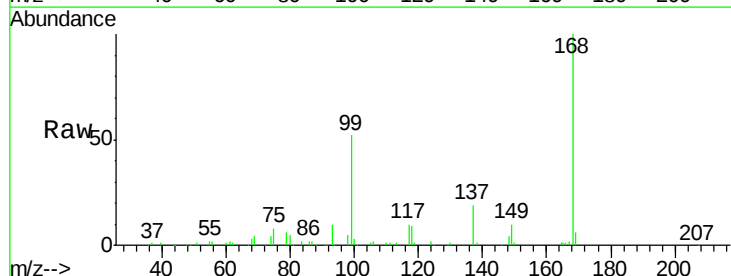
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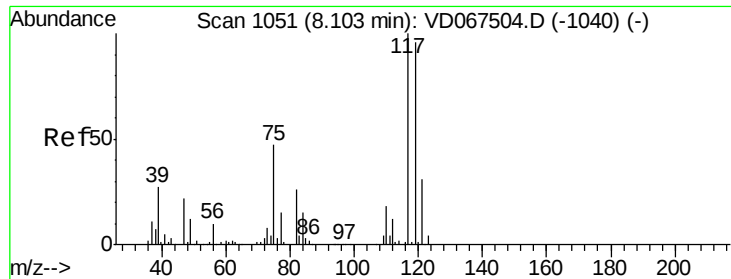
Tot Ion:113 Resp: 152075
 Ion Ratio Lower Upper
 113 100
 111 99.3 80.0 120.0
 192 20.3 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 5.270 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD067530.D
 Acq: 04 Nov 2020 19:45

Tgt Ion: 75 Resp: 21509
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.9 59.7#
 77 0.0 24.8 37.2#

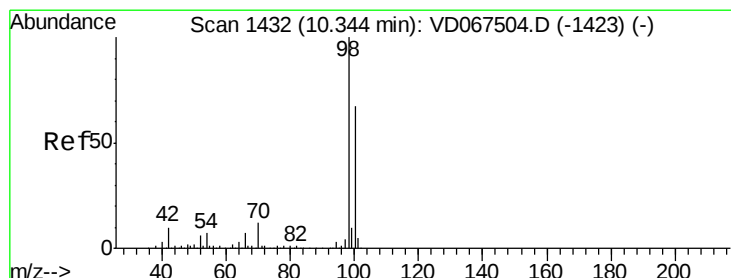
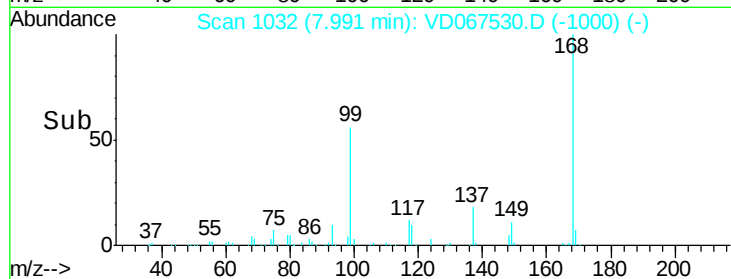
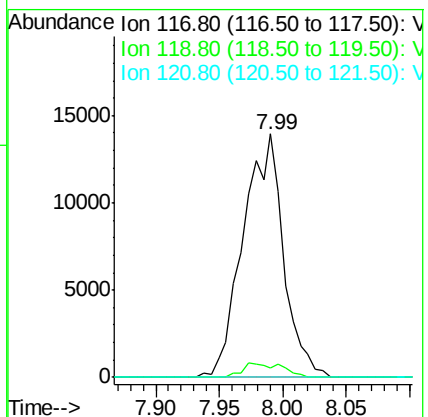
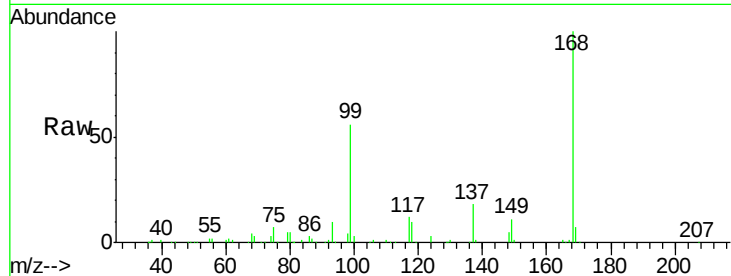




#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

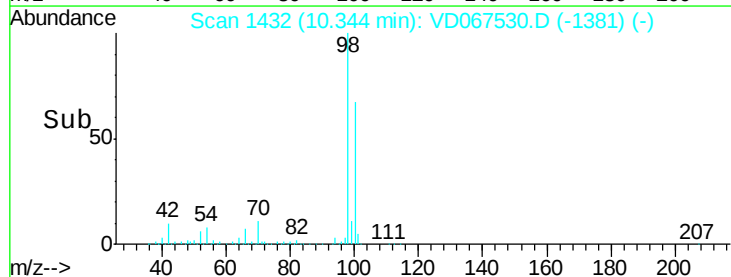
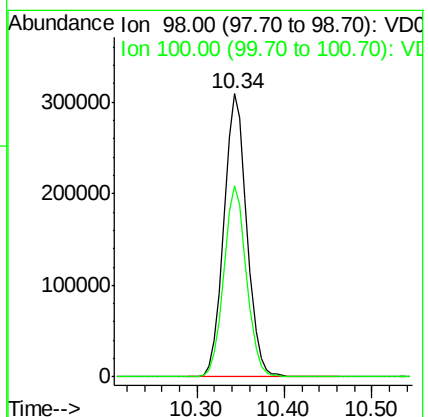
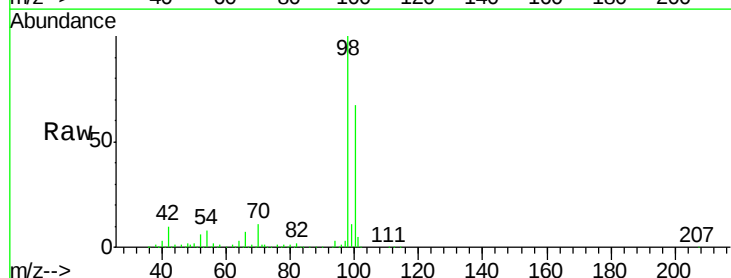
Instrument :
MSVOA_D
ClientSampled :
VOC

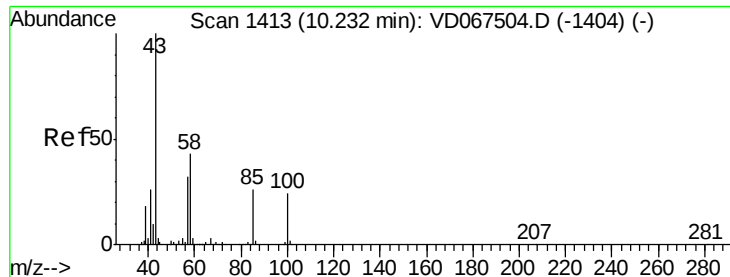
Tot Ion:117 Resp: 30774
Ion Ratio Lower Upper
117 100
119 3.6 76.9 115.3#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 55.289 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

Tgt Ion: 98 Resp: 558145
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 1.980 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.12 min

Lab File: VD067530.D

Acq: 04 Nov 2020 19:45

Instrument :

MSVOA_D

ClientSampled :

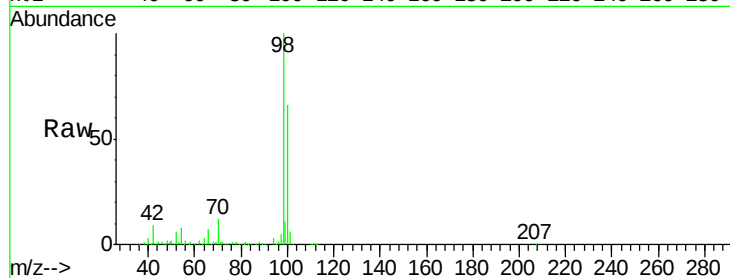
VOC

Tot Ion: 43 Resp: 1984

Ion Ratio Lower Upper

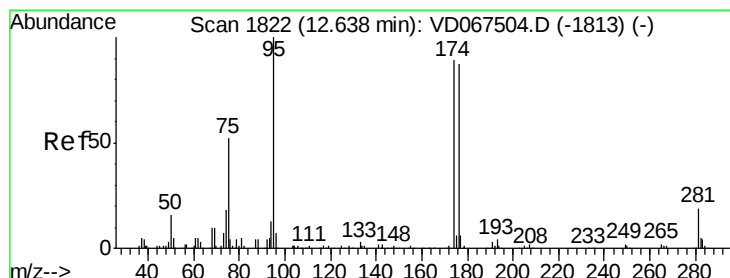
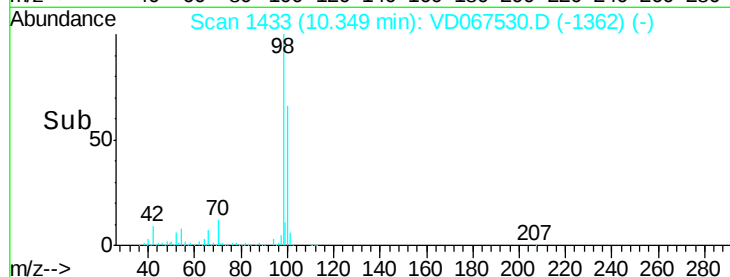
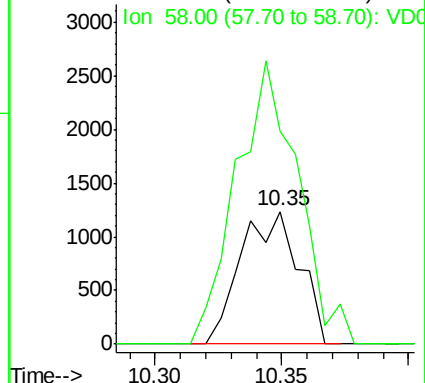
43 100

58 225.4 35.6 53.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 57.055 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067530.D

Acq: 04 Nov 2020 19:45

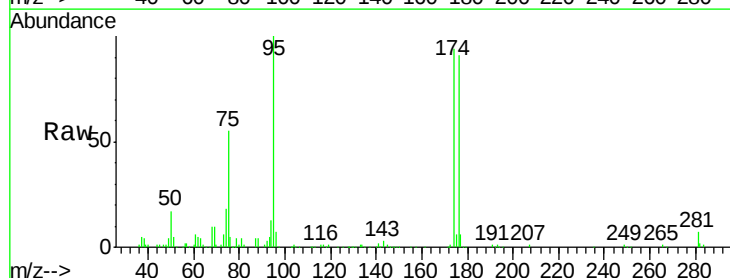
Tgt Ion: 95 Resp: 198851

Ion Ratio Lower Upper

95 100

174 92.0 0.0 177.8

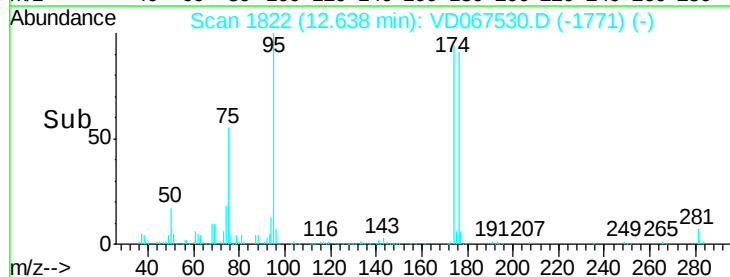
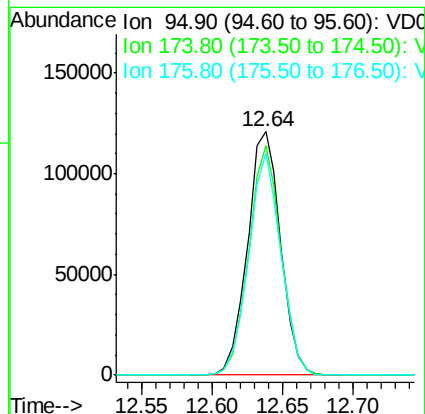
176 88.3 0.0 172.0

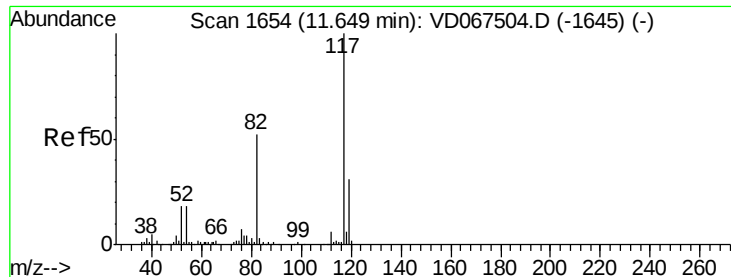


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

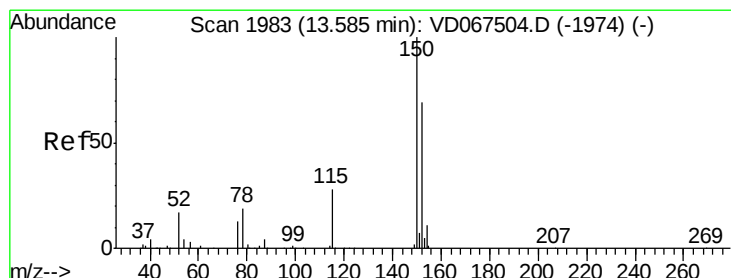
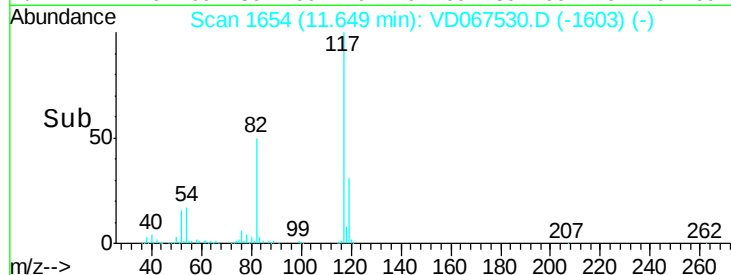
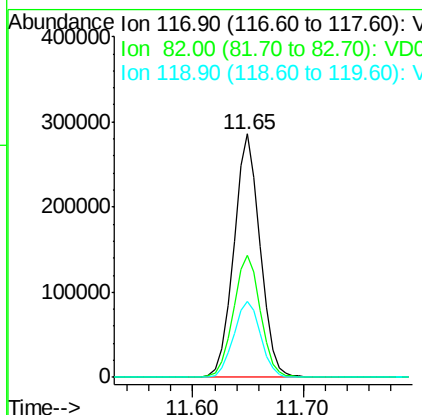
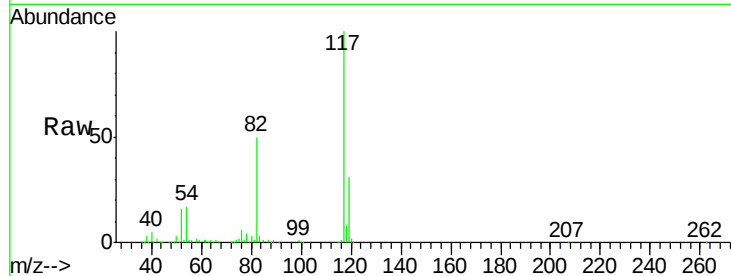




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

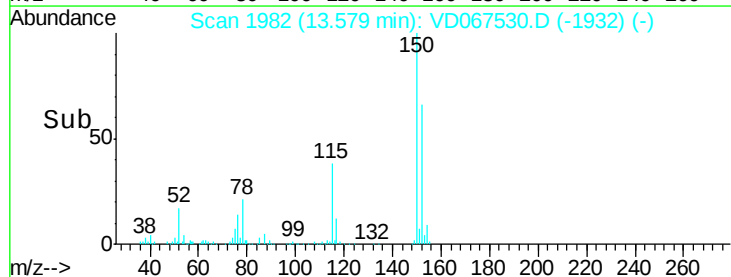
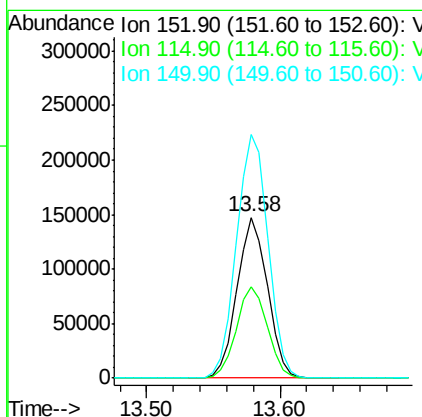
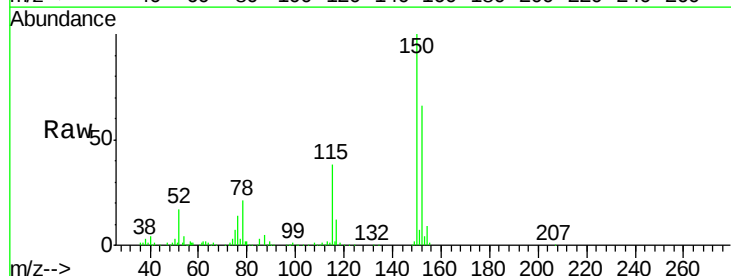
Instrument :
MSVOA_D
ClientSampleId :
VOC

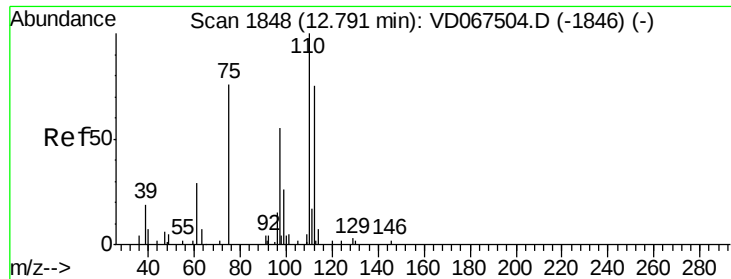
Tot Ion:117 Resp: 476309
Ion Ratio Lower Upper
117 100
82 50.3 41.6 62.4
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067530.D
Acq: 04 Nov 2020 19:45

Tgt Ion:152 Resp: 233380
Ion Ratio Lower Upper
152 100
115 57.7 29.3 88.0
150 156.2 0.0 338.2

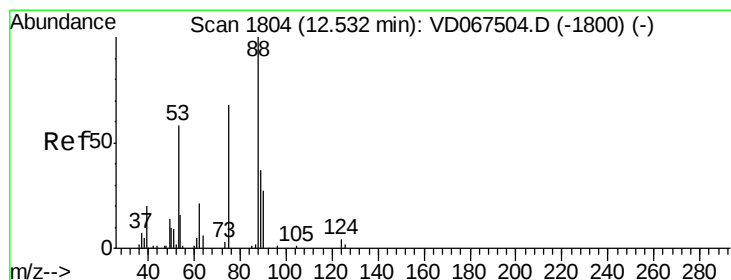
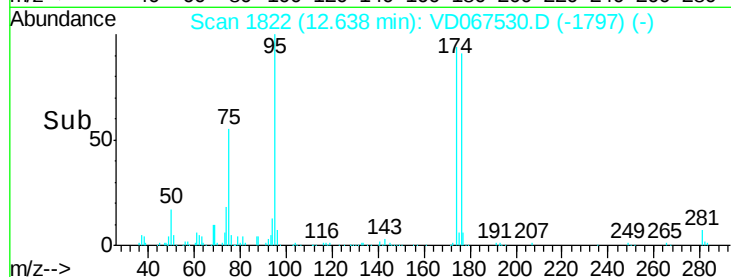
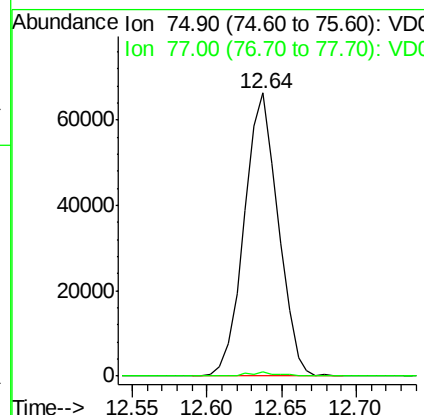
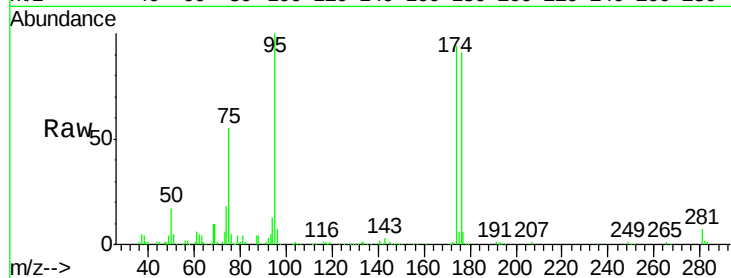




#76
 1,2,3-Trichloropropane
 Concen: 74.091 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067530.D
 Acq: 04 Nov 2020 19:45

Instrument :
 MSVOA_D
 ClientSampled :
 VOC

Tot Ion: 75 Resp: 104311
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.424 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD067530.D
 Acq: 04 Nov 2020 19:45

Tgt Ion: 75 Resp: 104311
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.9 113.9#
 89 0.0 44.6 67.0#

