

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067514.D
 Acq On : 04 Nov 2020 12:26
 Operator : VA/SY
 Sample : L4613-01
 Misc : 2.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-219

Quant Time: Nov 05 00:36:07 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

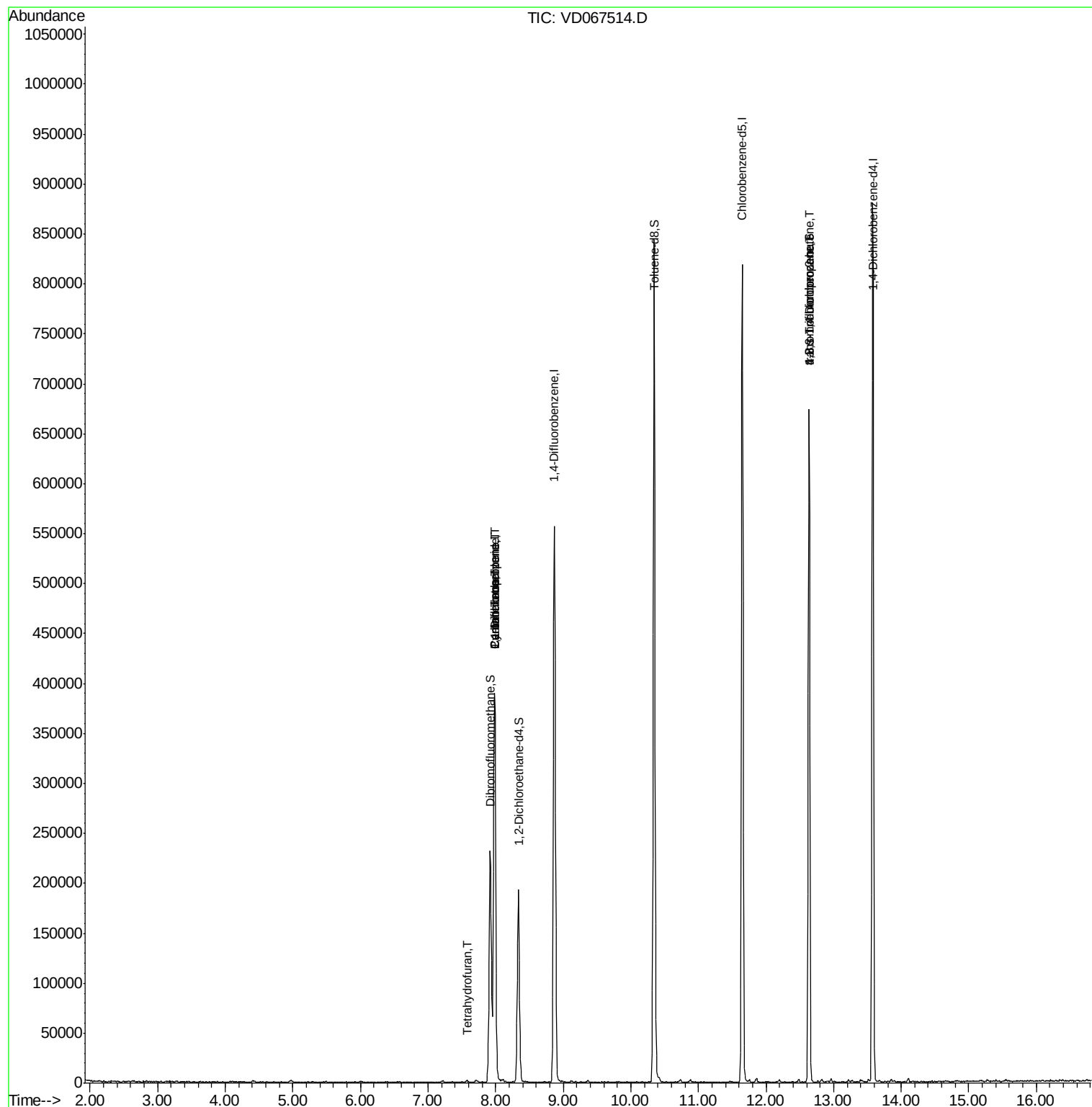
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	305902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	505187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	497800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	159161	59.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.00%	
35) Dibromofluoromethane	7.92	113	160729	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	10.34	98	589562	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
62) 4-Bromofluorobenzene	12.64	95	213720	57.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.74%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	640	Below Cal	#	44
29) Tetrahydrofuran	7.57	42	1501	5.859	ug/l #	39
31) Cyclohexane	7.99	56	6418	1.654	ug/l #	39
36) 1,1-Dichloropropene	7.99	75	22336	5.165	ug/l #	50
38) Carbon Tetrachloride	7.99	117	30378	5.407	ug/l #	19
76) 1,2,3-Trichloropropane	12.64	75	111457	75.896	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	111457	154.089	ug/l #	10

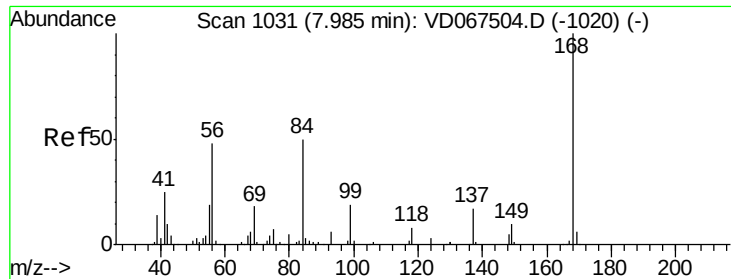
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067514.D

Acq: 04 Nov 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

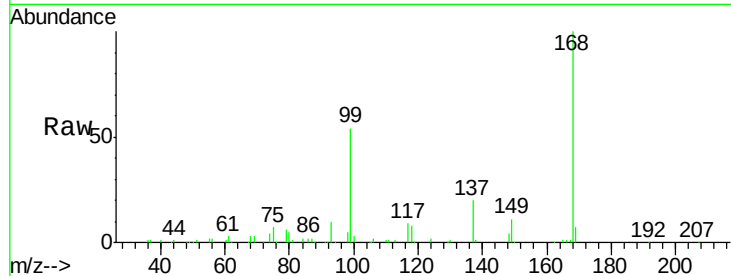
VNJ-219

Tot Ion:168 Resp: 305902

Ion Ratio Lower Upper

168 100

99 53.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

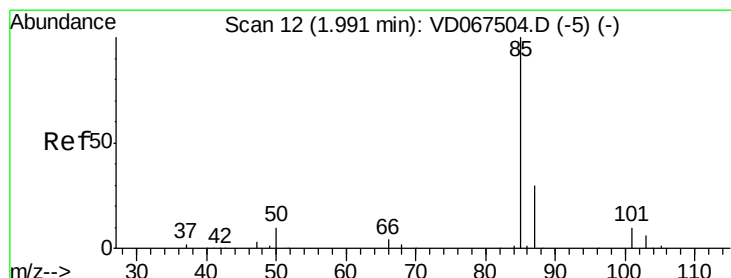
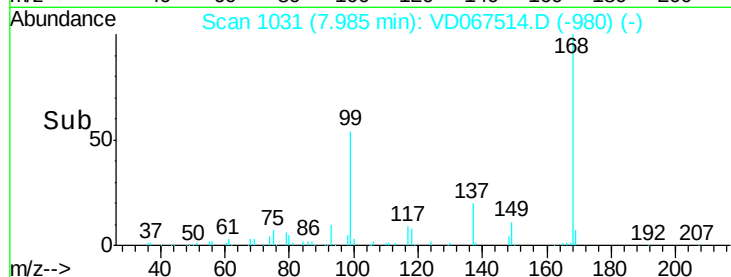
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067514.D

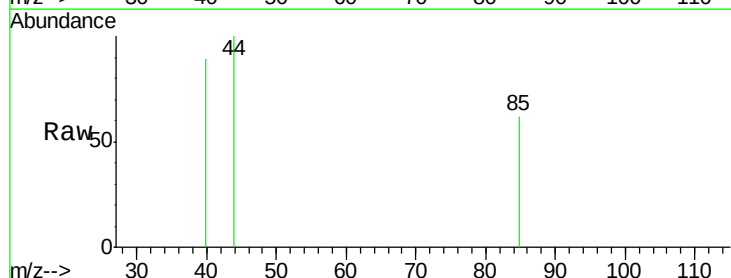
Acq: 04 Nov 2020 12:26

Tgt Ion: 85 Resp: 640

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

800

600

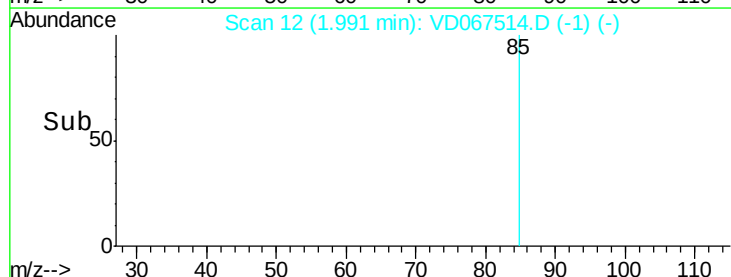
400

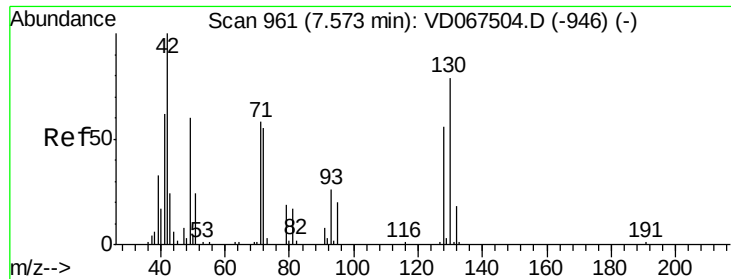
200

0

1.96 1.98 2.00 2.02

Time-->

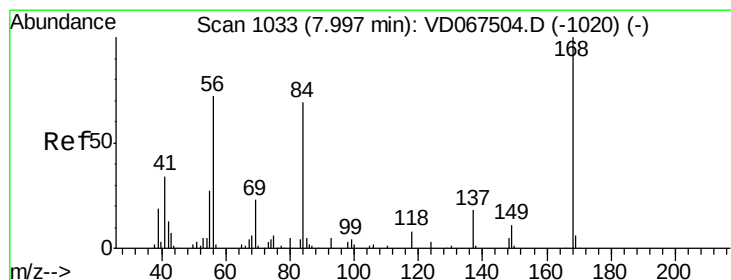
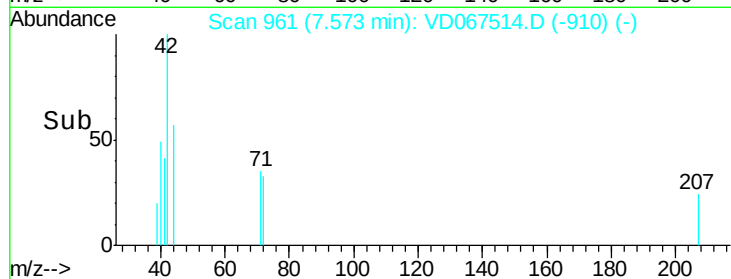
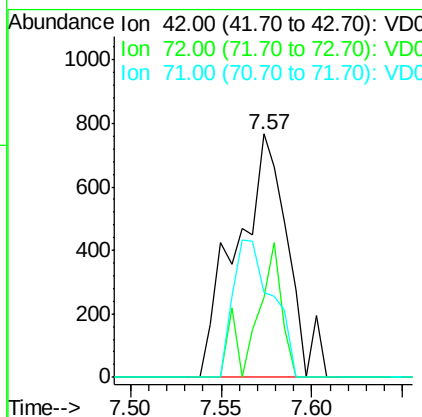
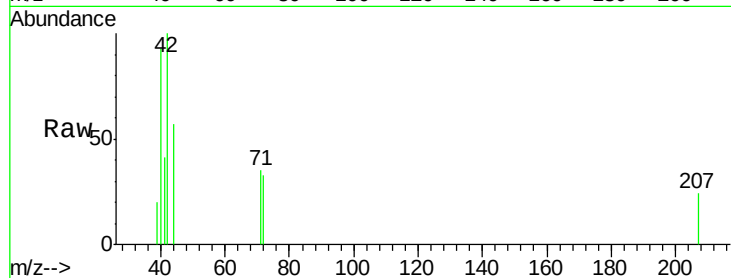




#29
Tetrahydrofuran
Concen: 5.859 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD067514.D
Acq: 04 Nov 2020 12:26

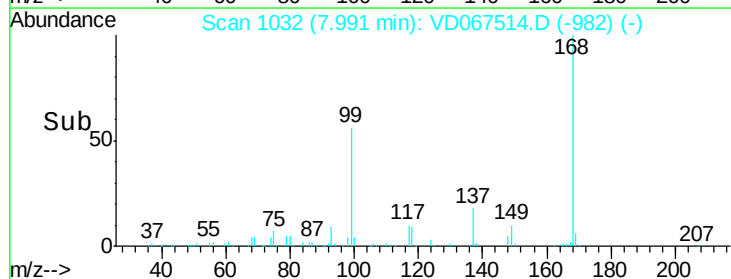
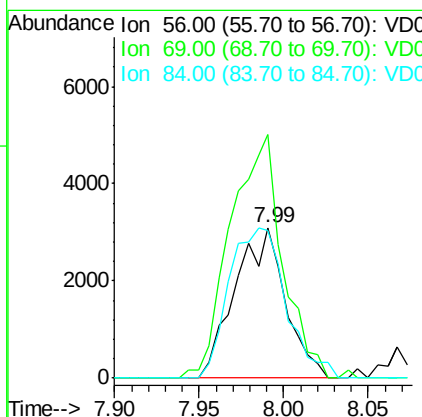
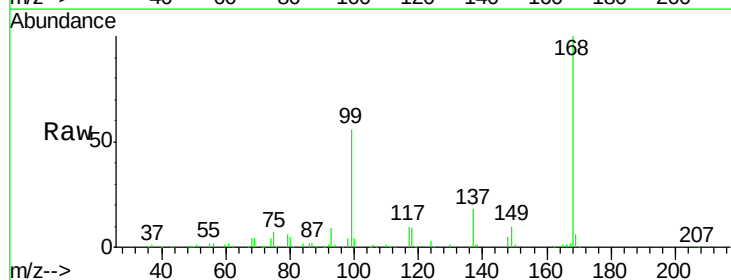
Instrument :
MSVOA_D
ClientSampled :
VNJ-219

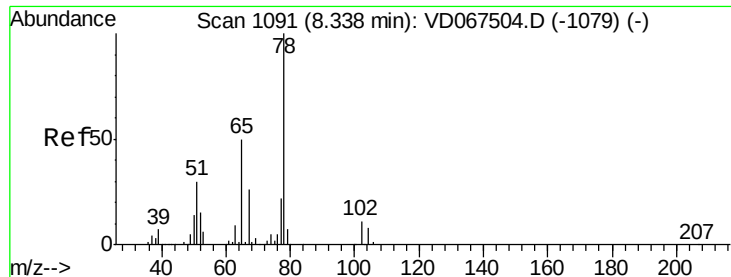
Tot Ion: 42 Resp: 1501
Ion Ratio Lower Upper
42 100
72 23.1 46.3 69.5#
71 0.0 44.0 66.0#



#31
Cyclohexane
Concen: 1.654 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067514.D
Acq: 04 Nov 2020 12:26

Tgt Ion: 56 Resp: 6418
Ion Ratio Lower Upper
56 100
69 162.1 25.9 38.9#
84 98.1 76.2 114.4

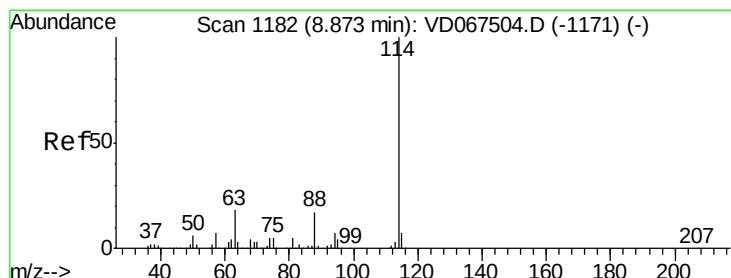
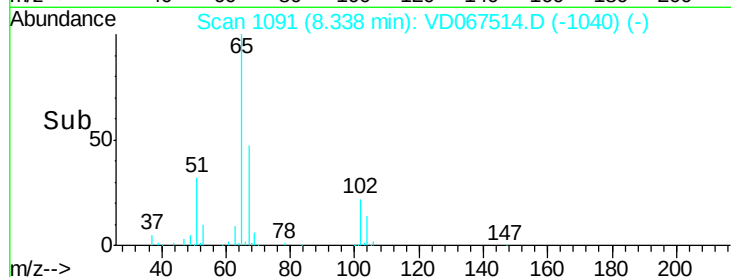
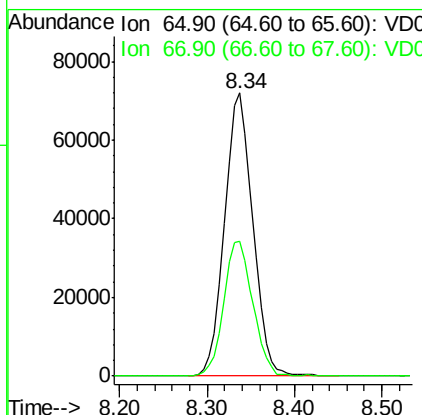
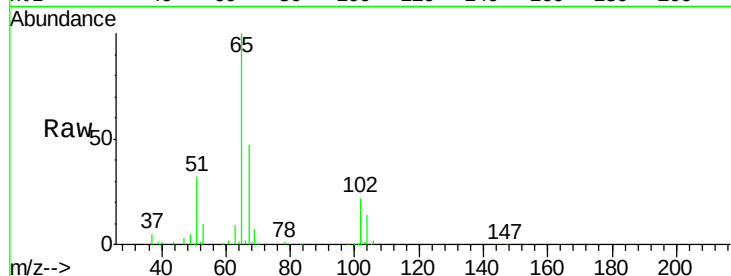




#33
 1,2-Dichloroethane-d4
 Concen: 59.504 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067514.D
 Acq: 04 Nov 2020 12:26

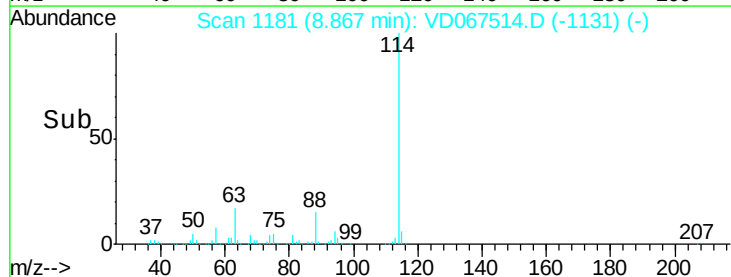
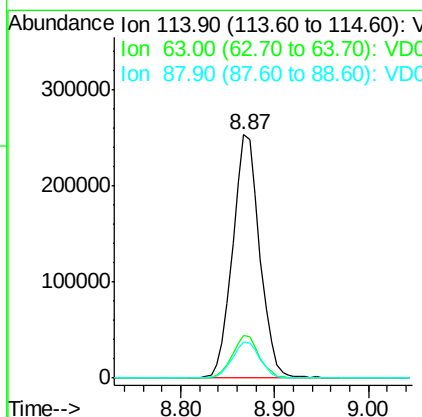
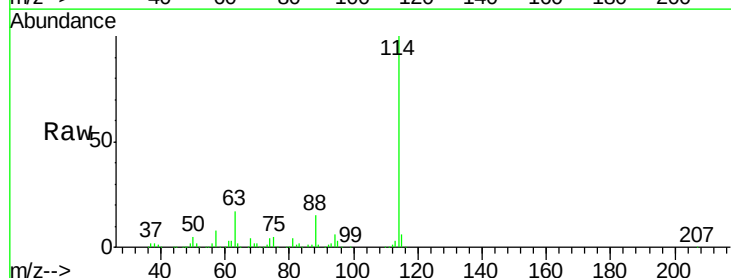
Instrument :
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 ClientSampleId :
 VNJ-219

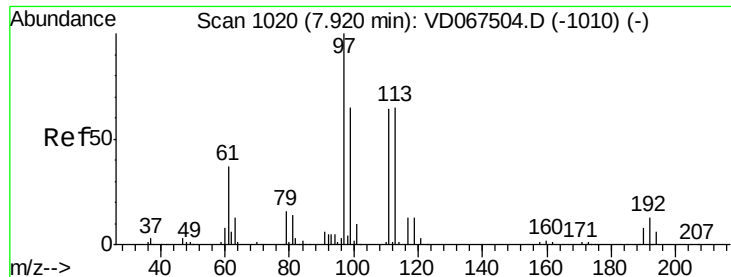
Tot Ion: 65 Resp: 159161
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067514.D
 Acq: 04 Nov 2020 12:26

Tgt Ion: 114 Resp: 505187
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.0
 88 14.7 0.0 33.0

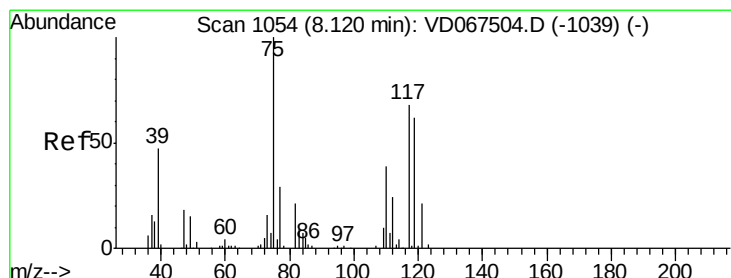
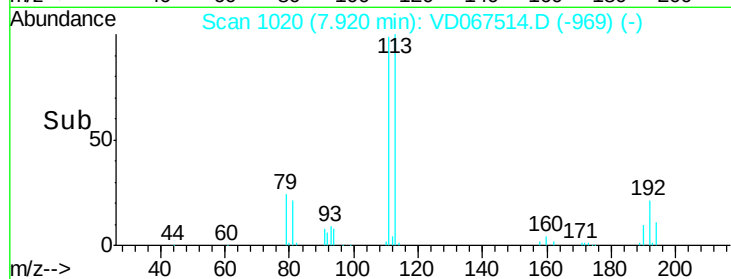
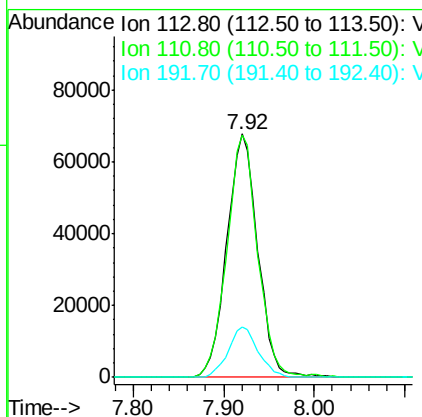
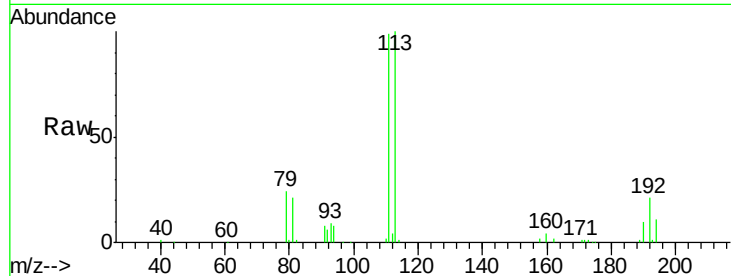




#35
 Dibromofluoromethane
 Concen: 52.806 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067514.D
 Acq: 04 Nov 2020 12:26

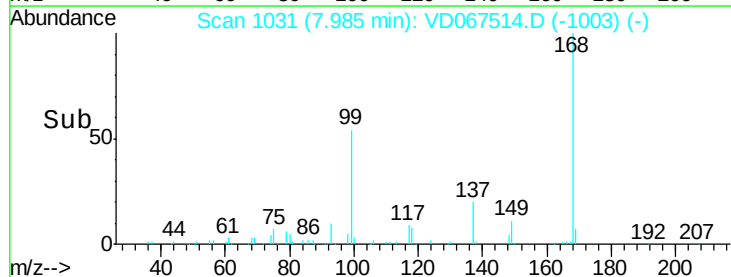
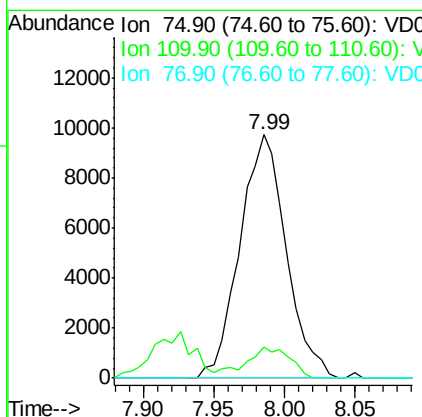
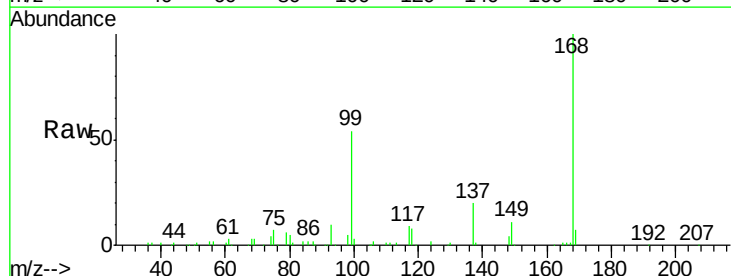
Instrument :
 MSVOA_D
 ClientSampleId :
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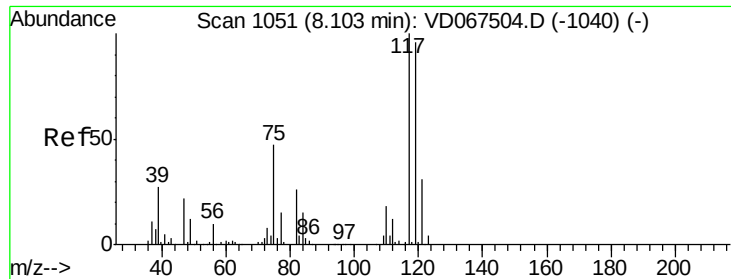
Tot Ion:113 Resp: 160729
 Ion Ratio Lower Upper
 113 100
 111 98.6 80.0 120.0
 192 20.3 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 5.165 ug/l
 RT: 7.99 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067514.D
 Acq: 04 Nov 2020 12:26

Tgt Ion: 75 Resp: 22336
 Ion Ratio Lower Upper
 75 100
 110 12.2 19.9 59.7#
 77 0.0 24.8 37.2#

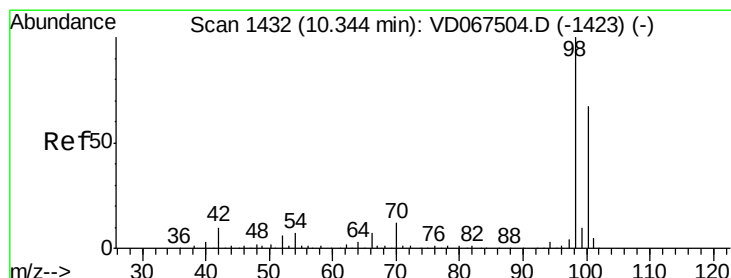
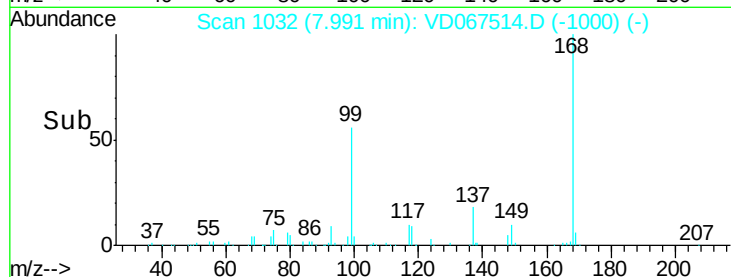
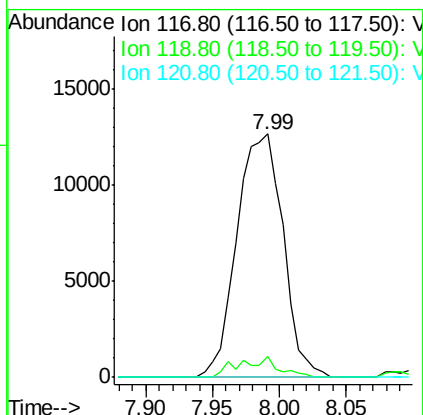
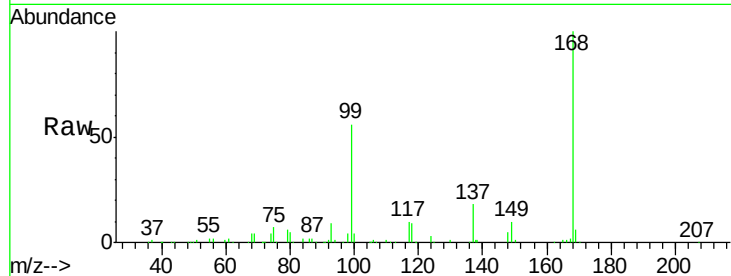




#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD067514.D
Acq: 04 Nov 2020 12:26

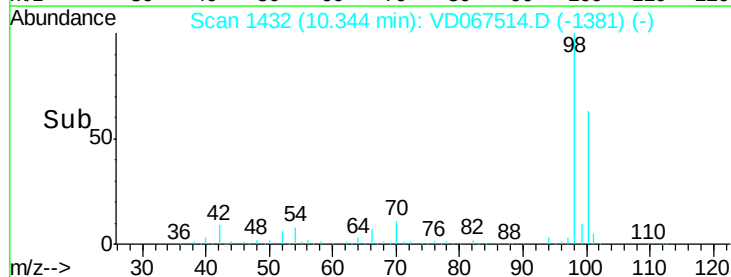
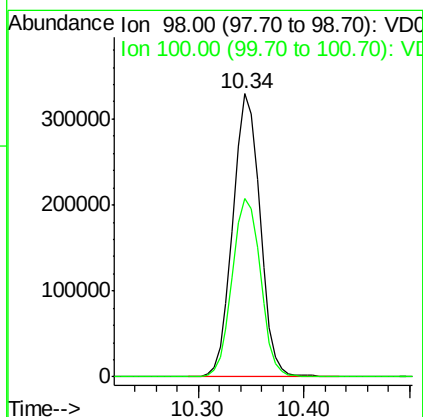
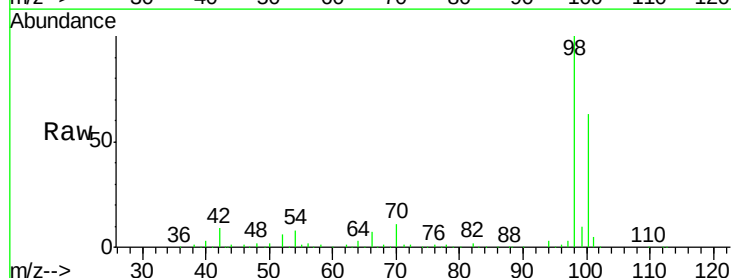
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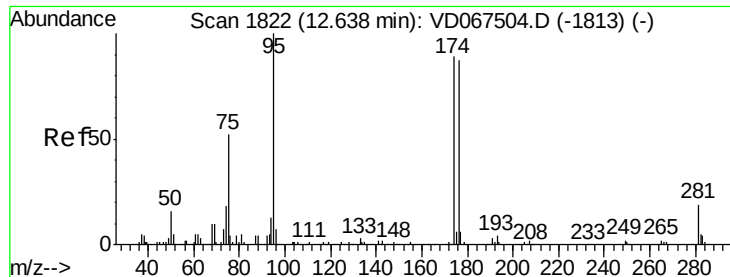
Tot Ion:117 Resp: 30378
Ion Ratio Lower Upper
117 100
119 8.7 76.9 115.3#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 55.118 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067514.D
Acq: 04 Nov 2020 12:26

Tgt Ion: 98 Resp: 589562
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6

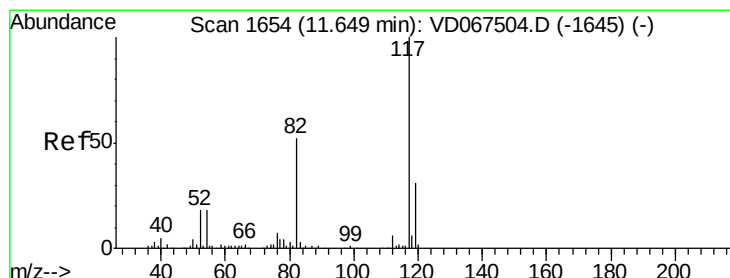
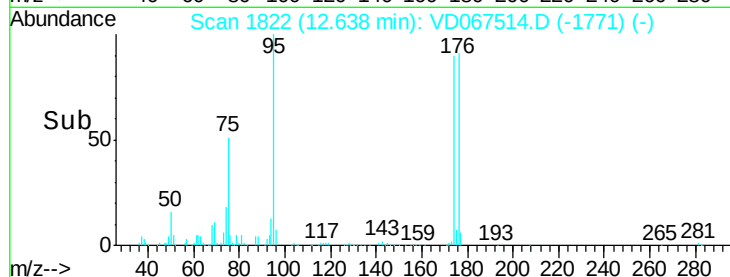
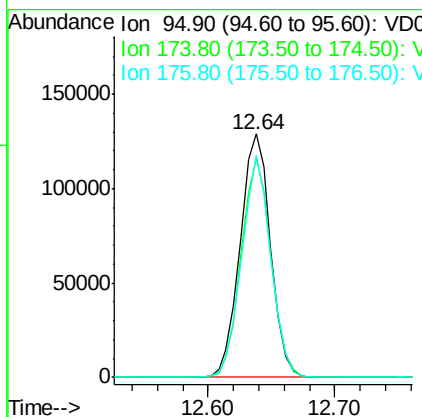
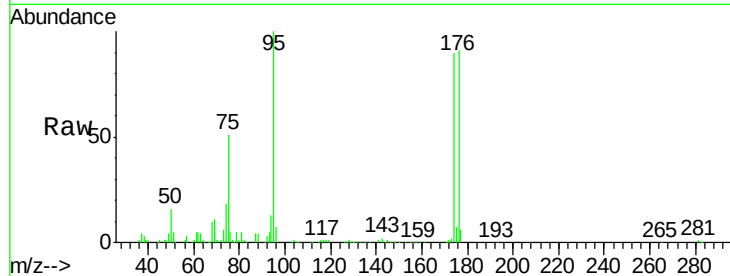




#62
4-Bromofluorobenzene
Concen: 57.873 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067514.D
Acq: 04 Nov 2020 12:26

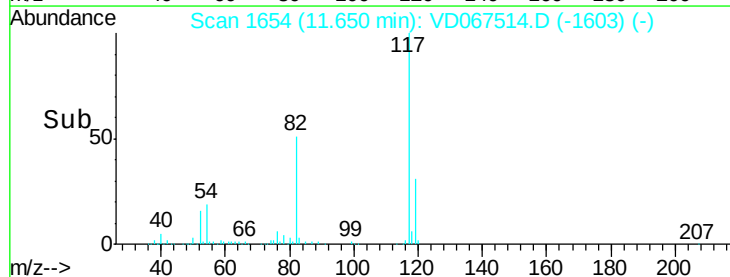
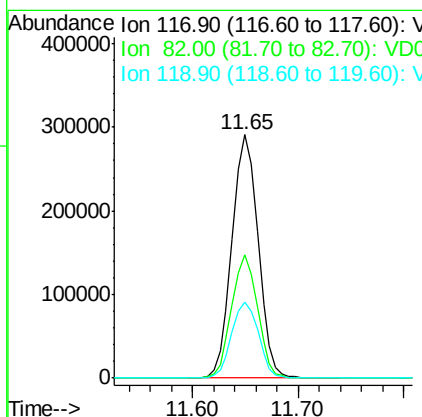
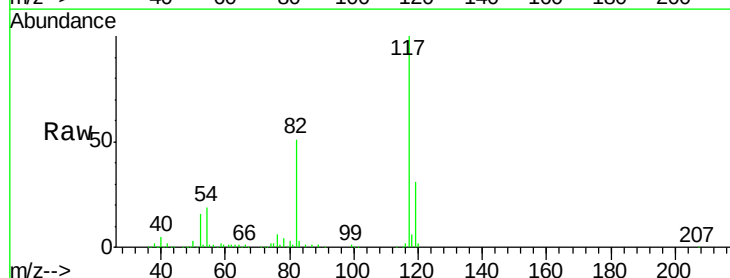
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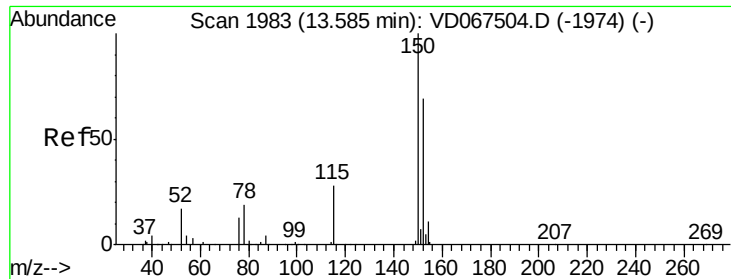
Tot Ion: 95 Resp: 213720
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.8
176 87.3 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067514.D
Acq: 04 Nov 2020 12:26

Tgt Ion: 117 Resp: 497800
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 31.3 25.1 37.7

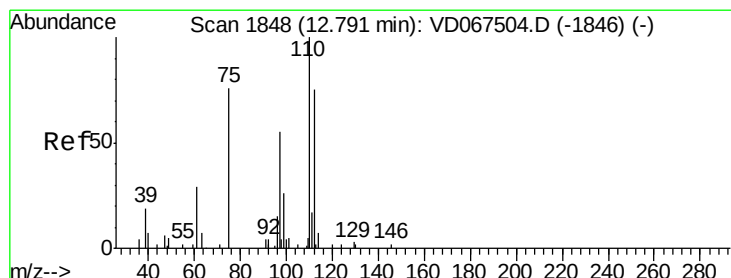
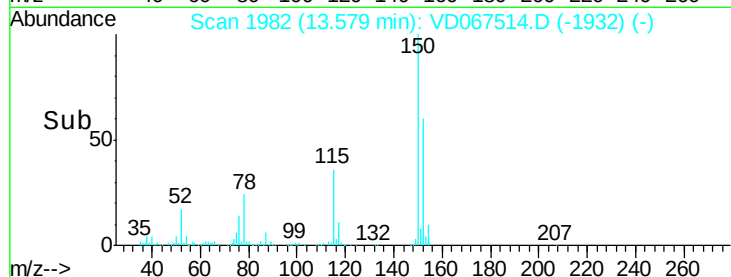
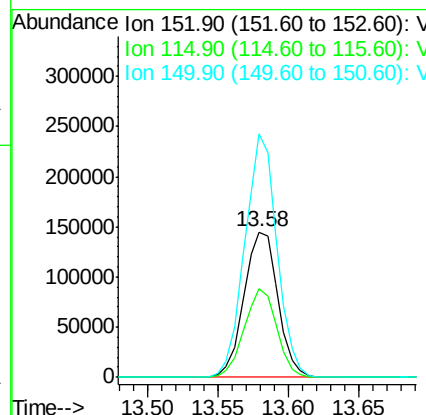
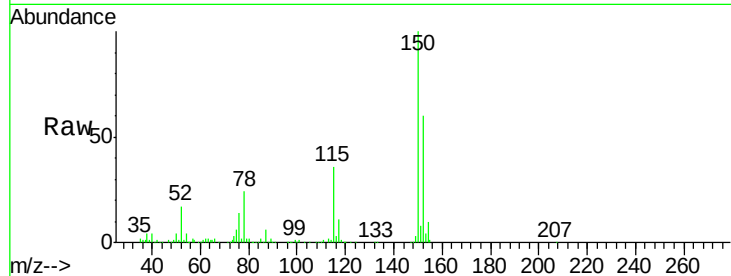




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: VD067514.D
 Acq: 04 Nov 2020 12:26

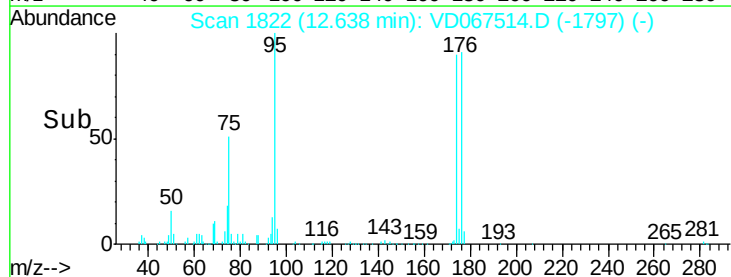
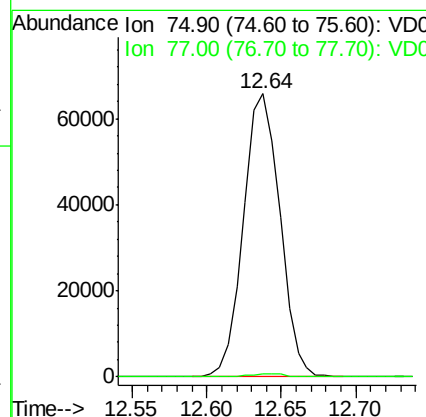
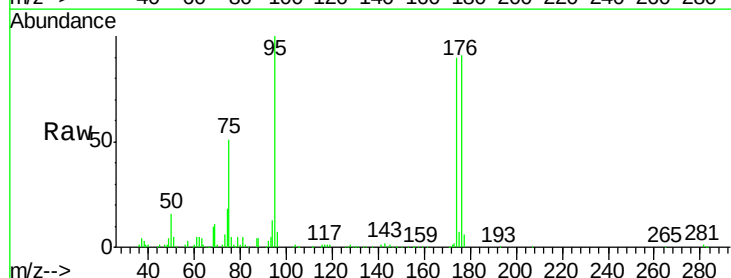
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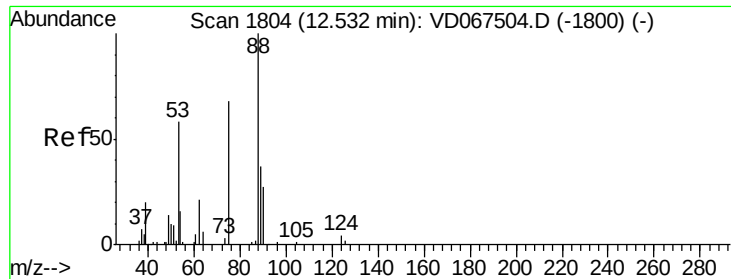
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	88.0
150	158.5	0.0	338.2



#76
 1,2,3-Trichloropropane
 Concen: 75.896 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD067514.D
 Acq: 04 Nov 2020 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 154.089 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067514.D

Acq: 04 Nov 2020 12:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-219

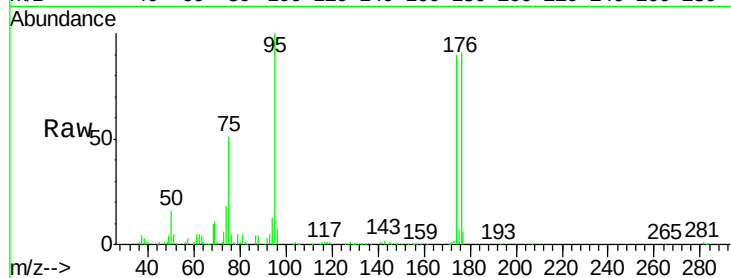
Tot Ion: 75 Resp: 111457

Ion Ratio Lower Upper

75 100

53 0.0 75.9 113.9#

89 0.0 44.6 67.0#



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

