

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067520.D
 Acq On : 04 Nov 2020 15:10
 Operator : VA/SY
 Sample : L4596-01RE
 Misc : 6.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-110320

Quant Time: Nov 05 00:38:13 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

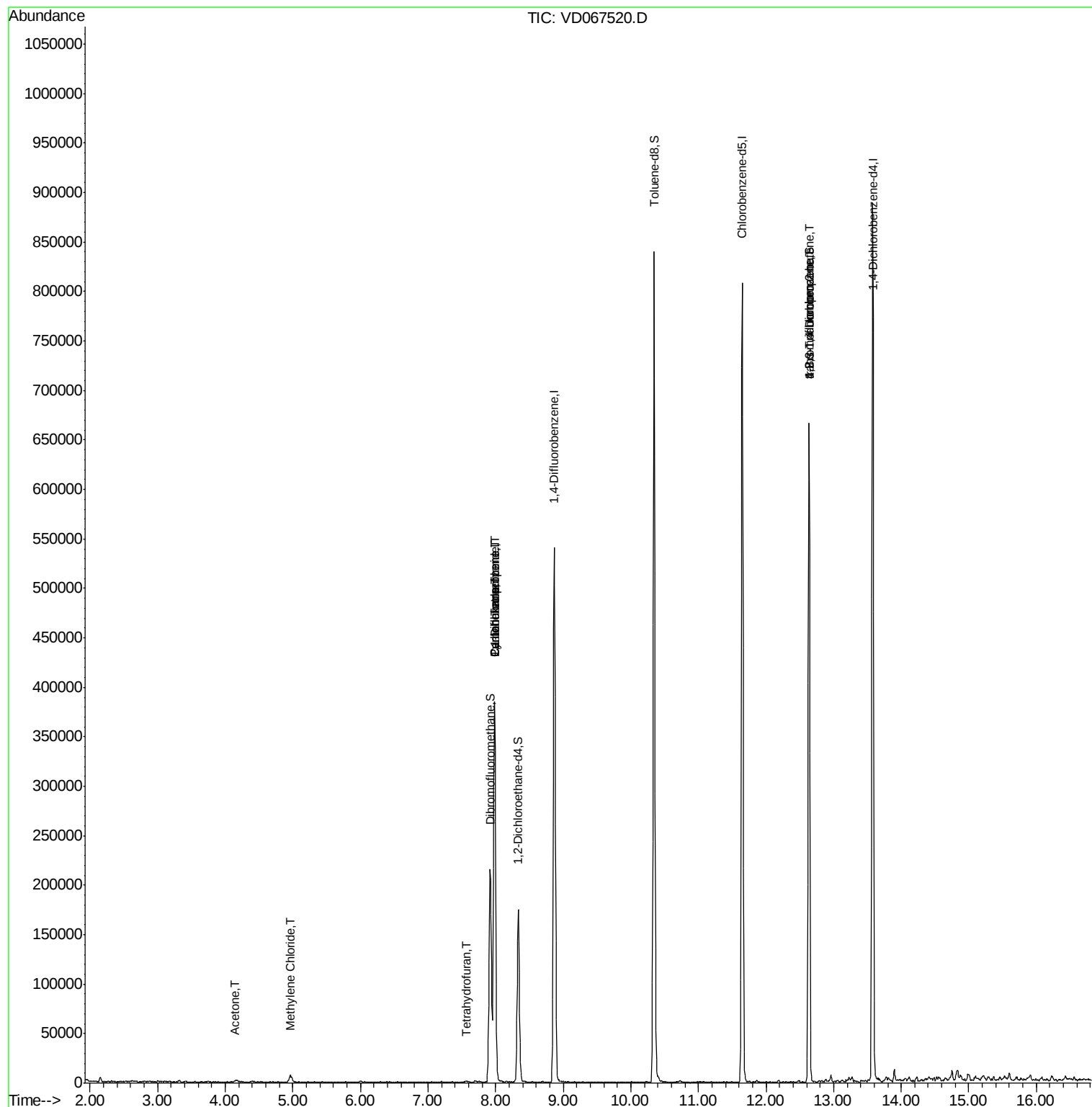
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	292489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	477280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	150443	58.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.64%	
35) Dibromofluoromethane	7.92	113	154307	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	10.34	98	561737	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.64	95	209563	60.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.14%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	120	Below Cal	#	44
16) Acetone	4.16	43	4321	11.290	ug/l	98
20) Methylene Chloride	4.96	84	5696	2.107	ug/l #	88
29) Tetrahydrofuran	7.56	42	621	2.535	ug/l #	71
31) Cyclohexane	7.98	56	5993	1.616	ug/l #	41
36) 1,1-Dichloropropene	7.98	75	19988	4.892	ug/l #	44
38) Carbon Tetrachloride	7.99	117	31611	5.955	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	110504	74.958	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	110504	152.185	ug/l #	10

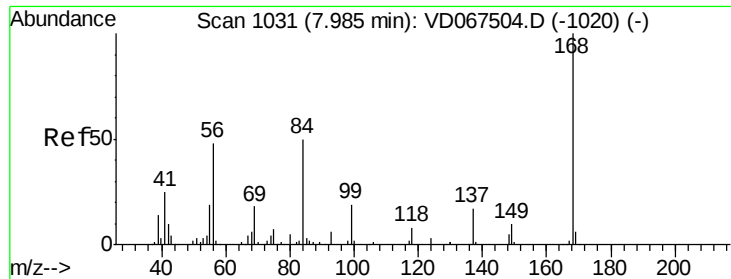
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110420\
Data File : VD067520.D
Acq On : 04 Nov 2020 15:10
Operator : VA/SY
Sample : L4596-01RE
Misc : 6.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-05-110320

Quant Time: Nov 05 00:38:13 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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067520.D

Acq: 04 Nov 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

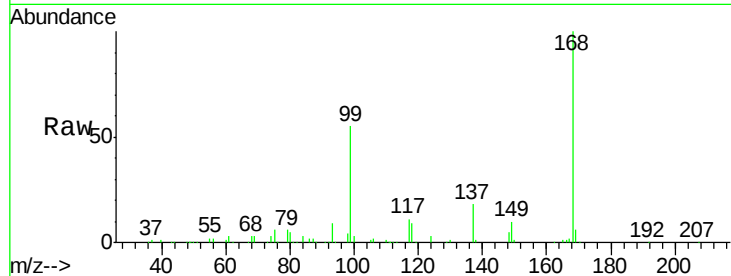
TR-05-110320

Tot Ion:168 Resp: 292489

Ion Ratio Lower Upper

168 100

99 54.8 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

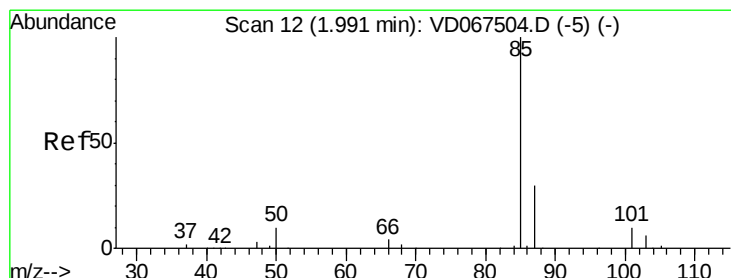
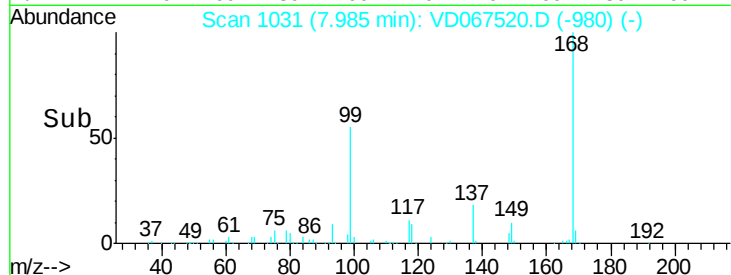
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067520.D

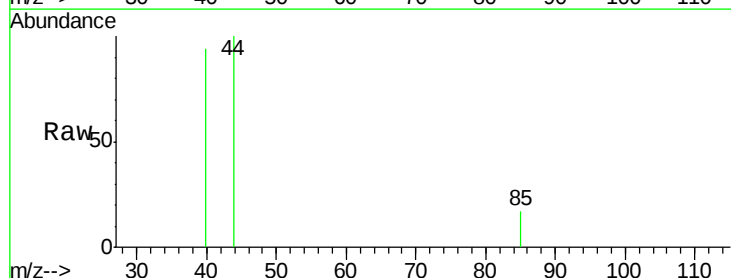
Acq: 04 Nov 2020 15:10

Tgt Ion: 85 Resp: 120

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

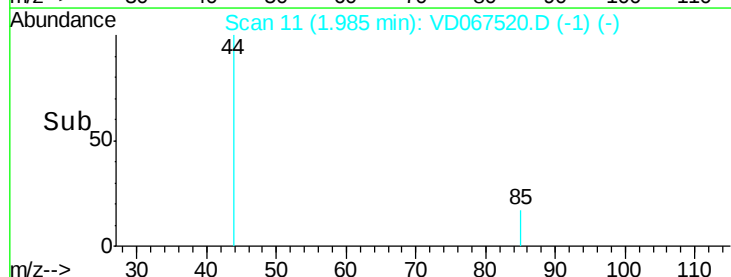
150

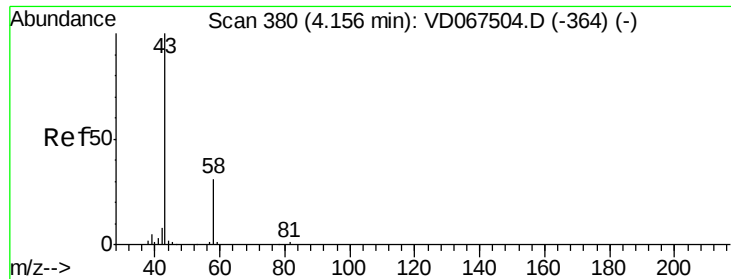
100

50

0

Time-->





#16

Acetone

Concen: 11.290 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067520.D

Acq: 04 Nov 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

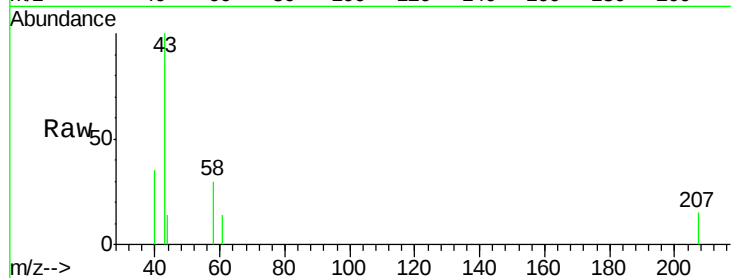
TR-05-110320

Tot Ion: 43 Resp: 4321

Ion Ratio Lower Upper

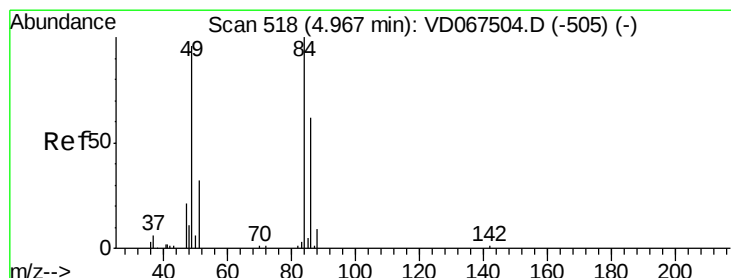
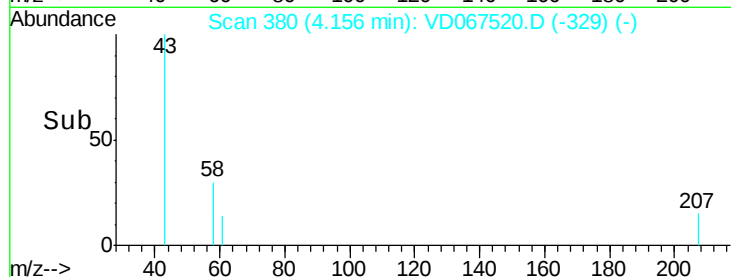
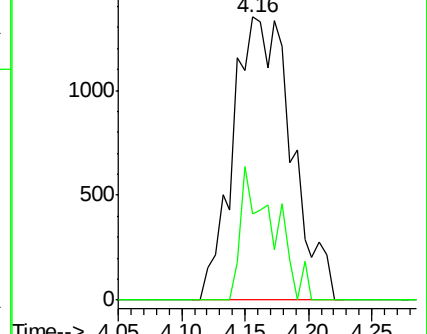
43 100

58 30.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 2.107 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD067520.D

Acq: 04 Nov 2020 15:10

Tgt Ion: 84 Resp: 5696

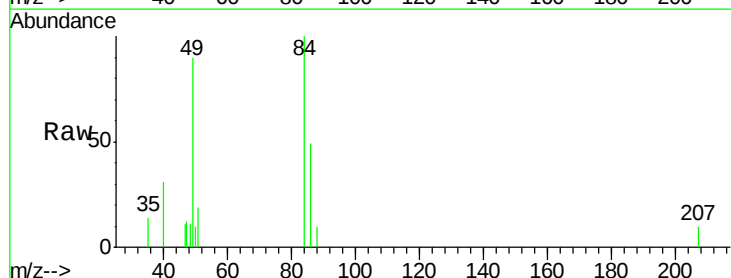
Ion Ratio Lower Upper

84 100

49 89.9 77.0 115.4

51 19.4 25.4 38.2#

86 49.2 49.4 74.0#

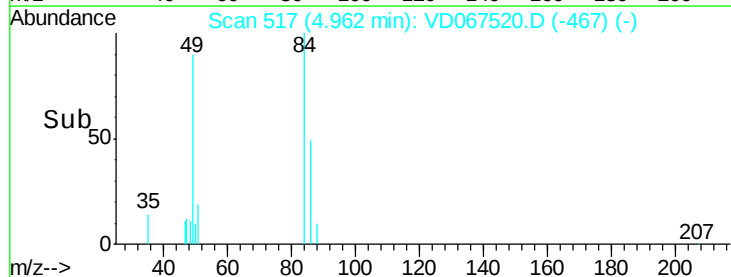
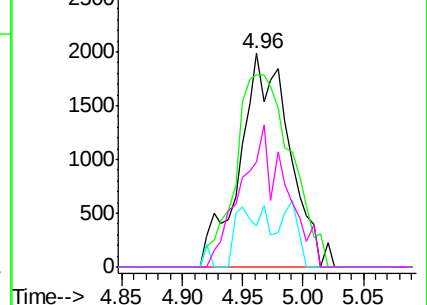


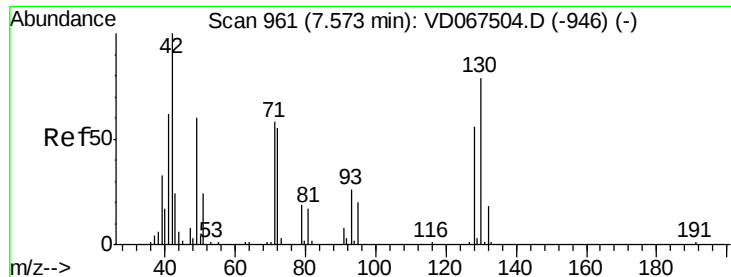
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

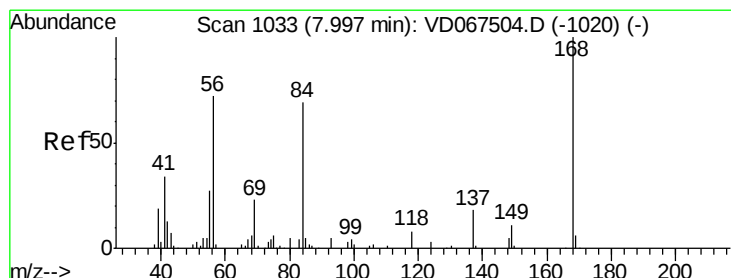
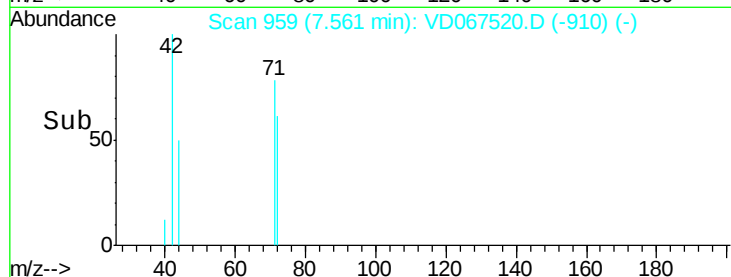
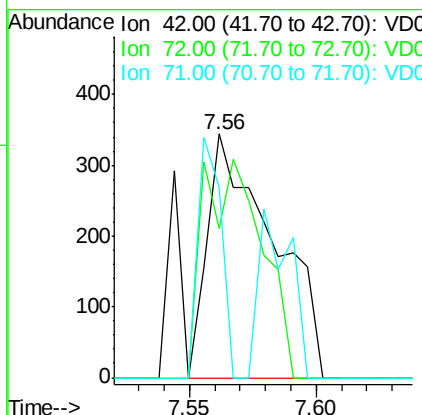
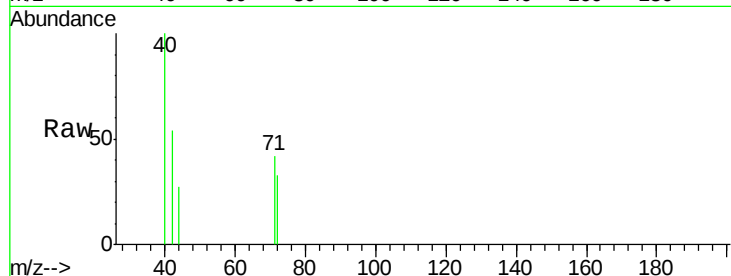




#29
Tetrahydrofuran
Concen: 2.535 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

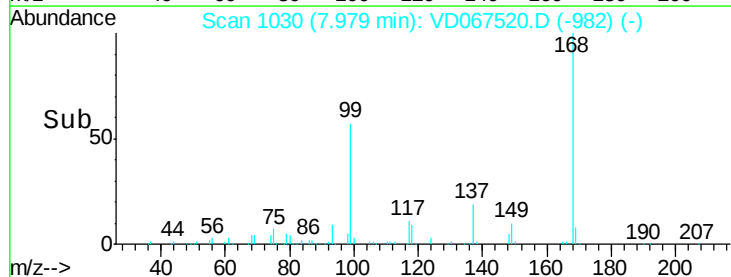
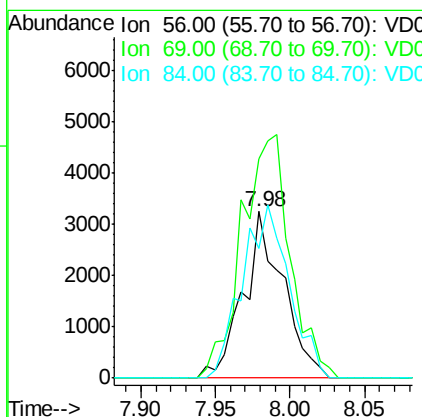
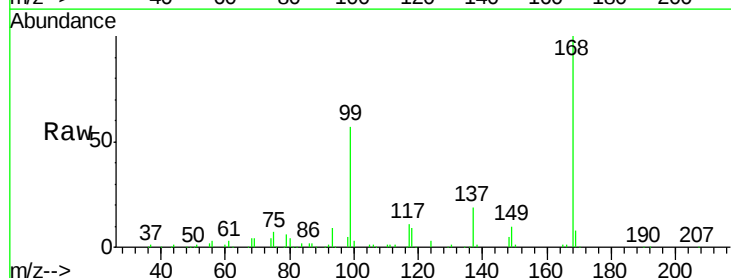
Instrument :
MSVOA_D
ClientSampleId :
TR-05-110320

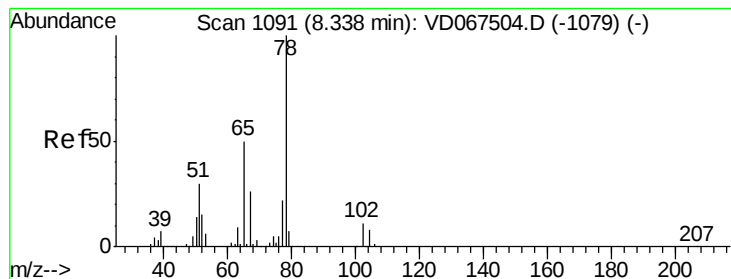
Tot Ion: 42 Resp: 621
Ion Ratio Lower Upper
42 100
72 79.5 46.3 69.5#
71 34.6 44.0 66.0#



#31
Cyclohexane
Concen: 1.616 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Tgt Ion: 56 Resp: 5993
Ion Ratio Lower Upper
56 100
69 132.1 25.9 38.9#
84 77.6 76.2 114.4





#33

1,2-Dichloroethane-d4

Concen: 58.824 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067520.D

Acq: 04 Nov 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

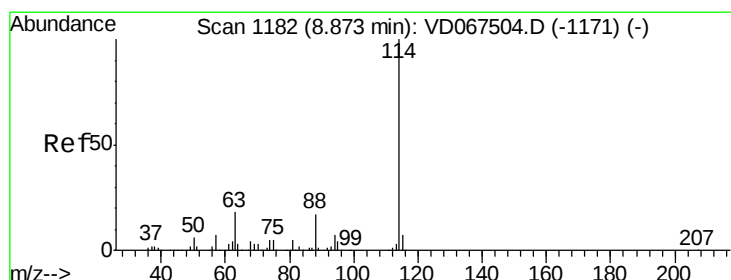
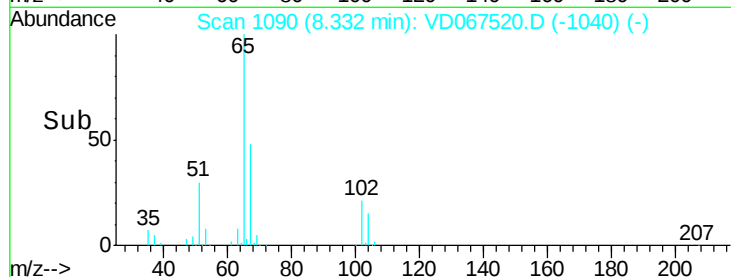
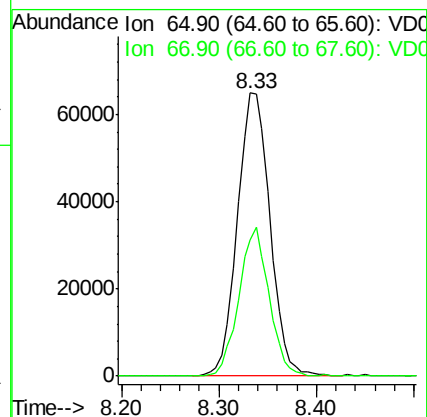
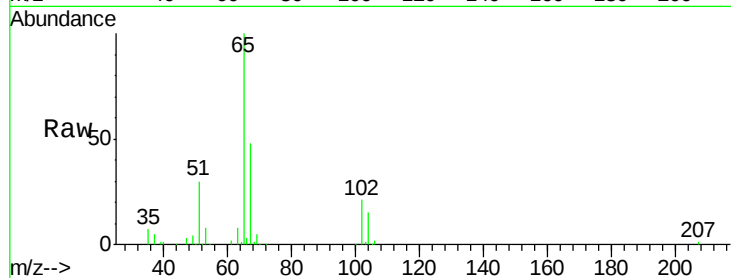
TR-05-110320

Tot Ion: 65 Resp: 150443

Ion Ratio Lower Upper

65 100

67 48.6 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: VD067520.D

Acq: 04 Nov 2020 15:10

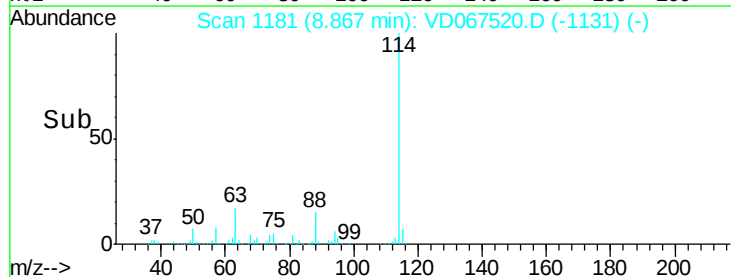
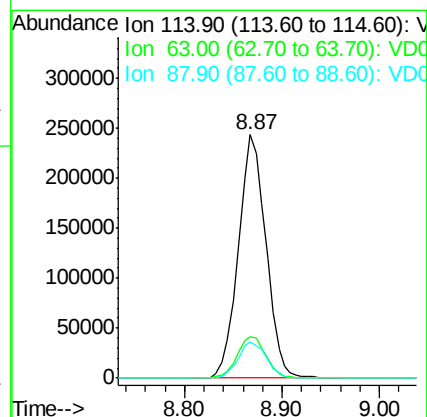
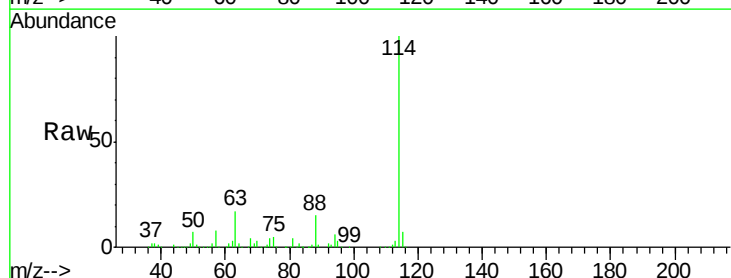
Tgt Ion: 114 Resp: 477280

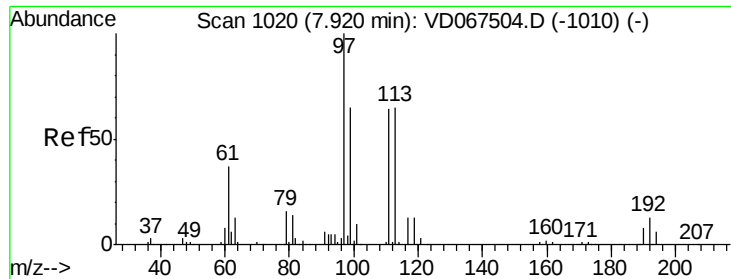
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 15.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.661 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067520.D

Acq: 04 Nov 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

TR-05-110320

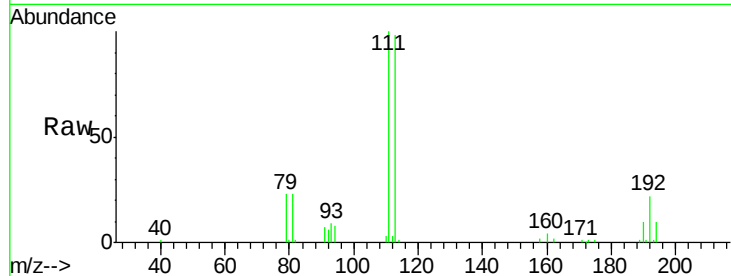
Tot Ion:113 Resp: 154307

Ion Ratio Lower Upper

113 100

111 100.3 80.0 120.0

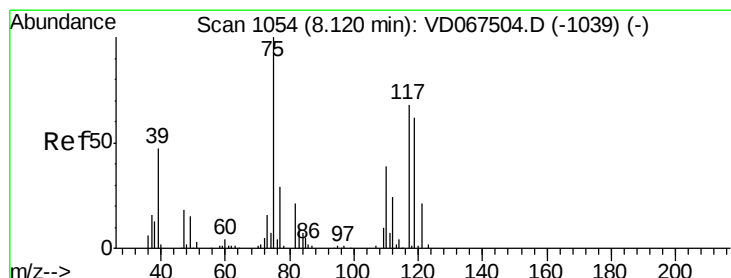
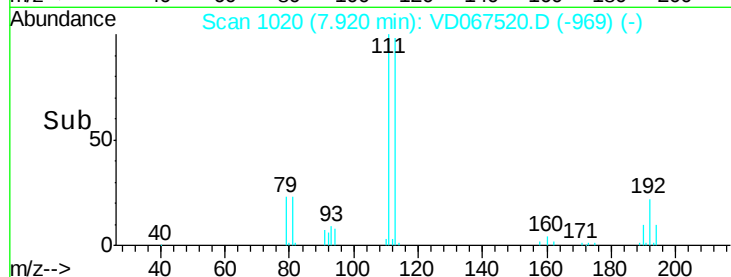
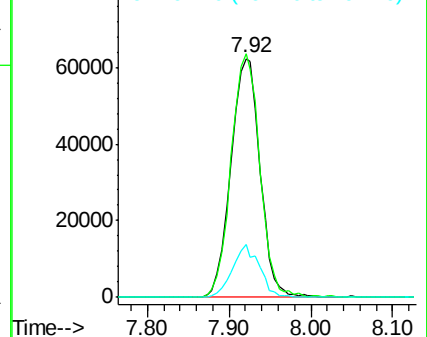
192 20.6 16.3 24.5



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



#36

1,1-Dichloropropene

Concen: 4.892 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD067520.D

Acq: 04 Nov 2020 15:10

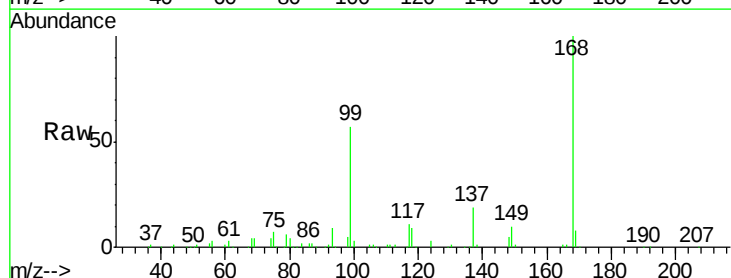
Tgt Ion: 75 Resp: 19988

Ion Ratio Lower Upper

75 100

110 5.3 19.9 59.7#

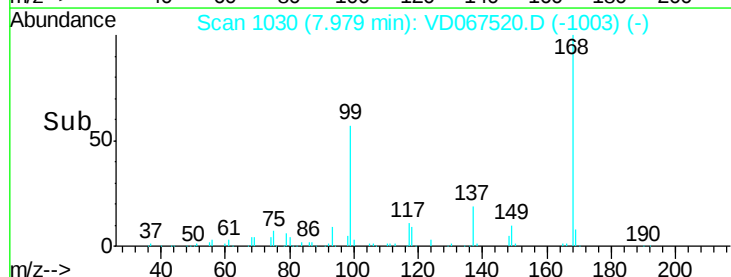
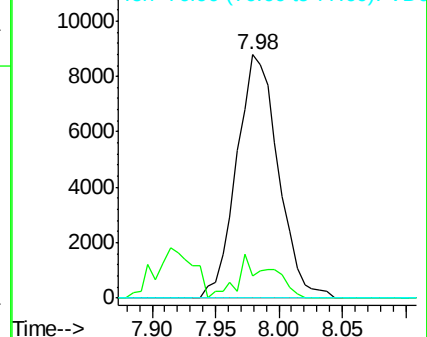
77 0.0 24.8 37.2#

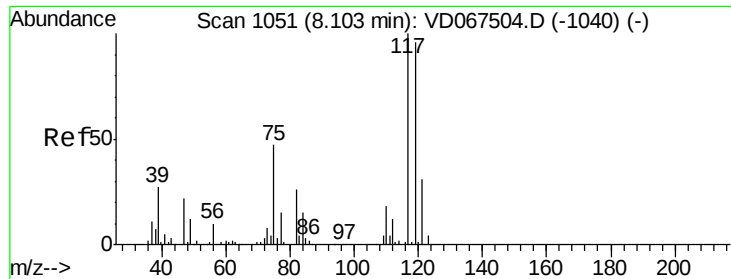


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

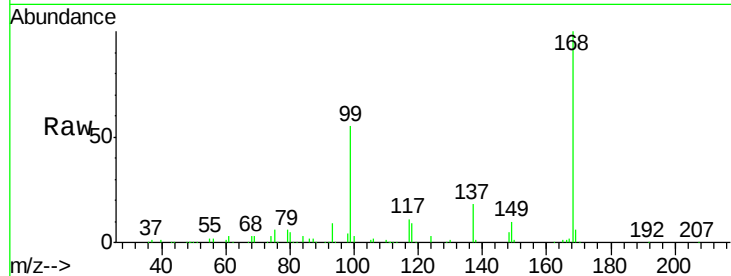




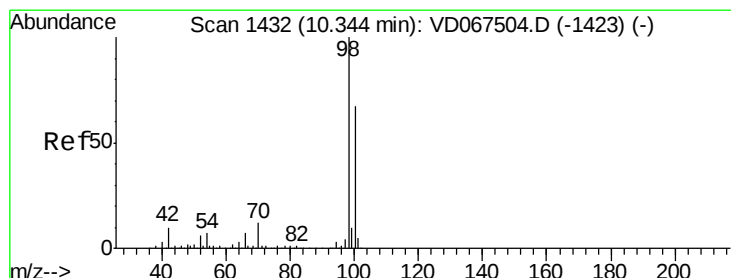
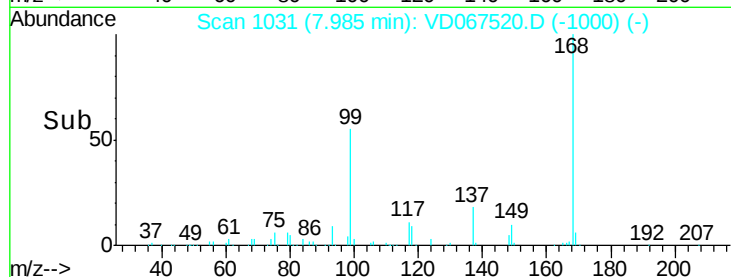
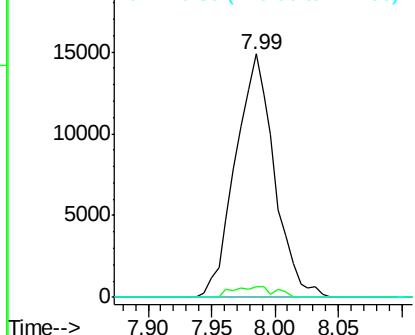
#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Instrument :
MSVOA_D
ClientSampleId :
TR-05-110320

Tot Ion:117 Resp: 31611
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.5 36.7#

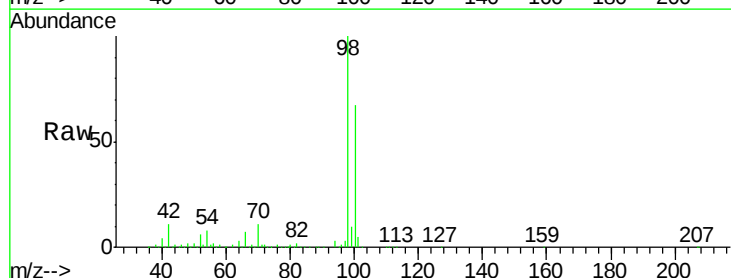


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

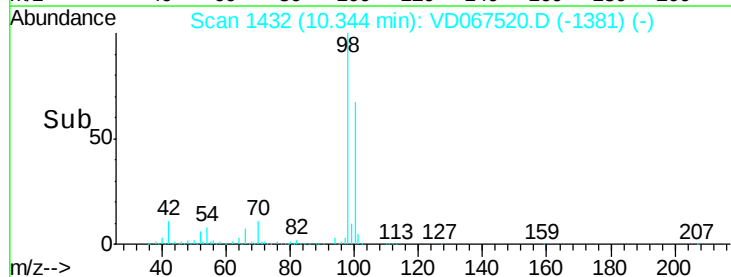
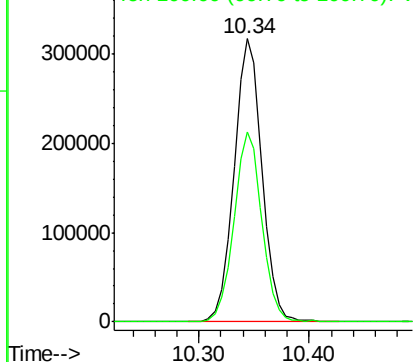


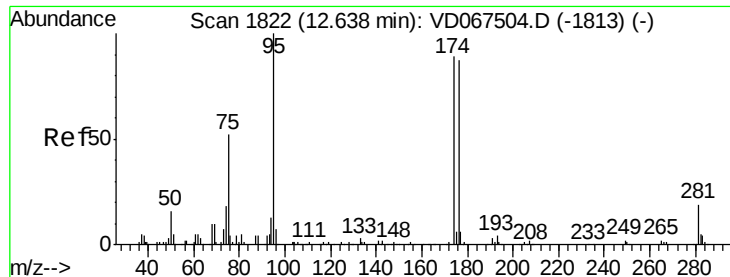
#50
Toluene-d8
Concen: 55.587 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Tgt Ion: 98 Resp: 561737
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6



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

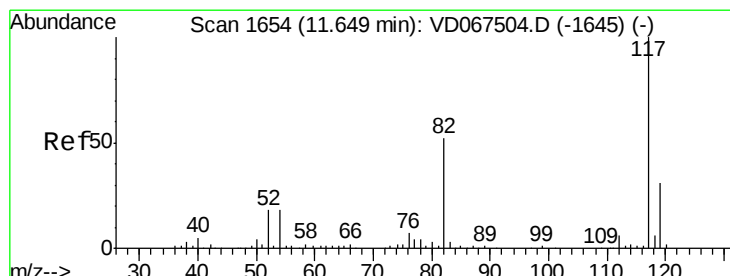
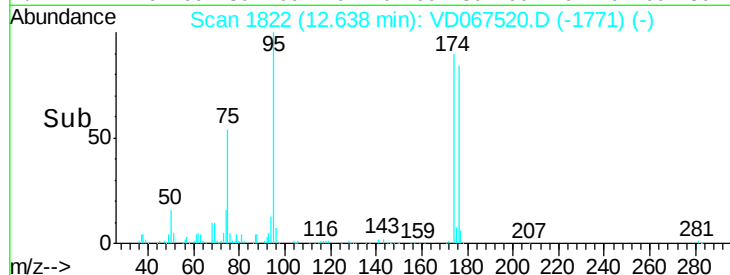
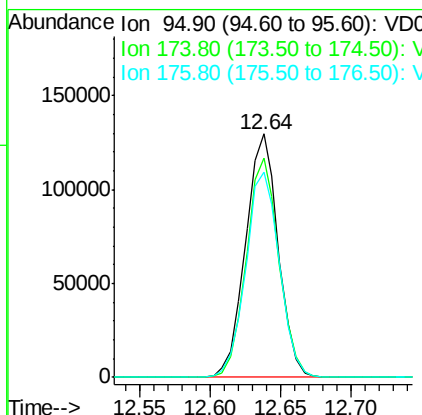
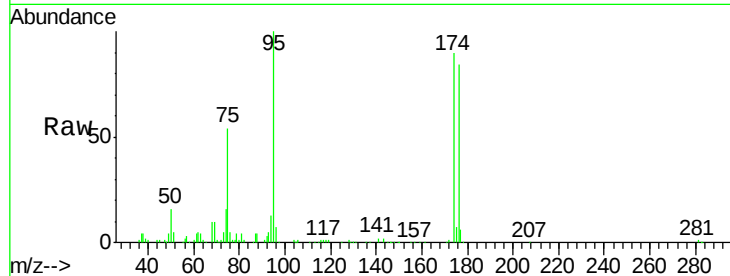




#62
4-Bromofluorobenzene
Concen: 60.066 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

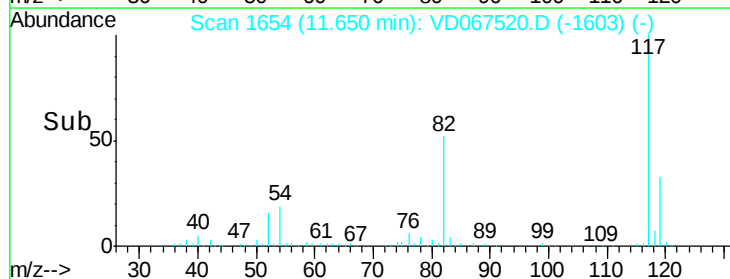
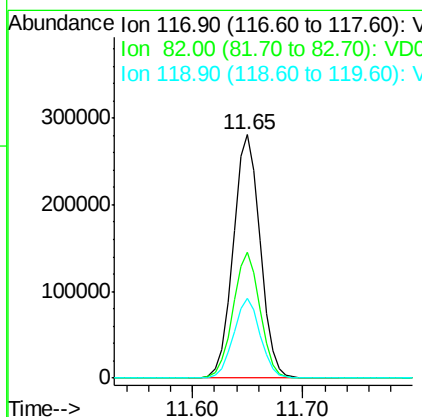
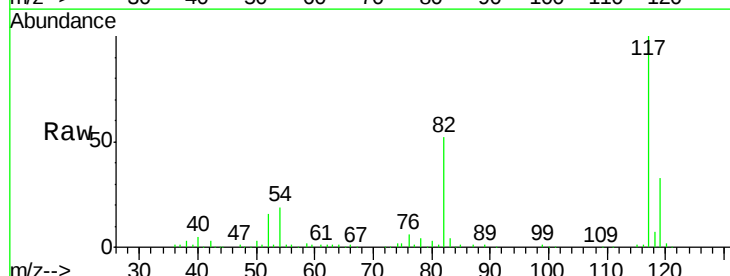
Instrument :
MSVOA_D
ClientSampleId :
TR-05-110320

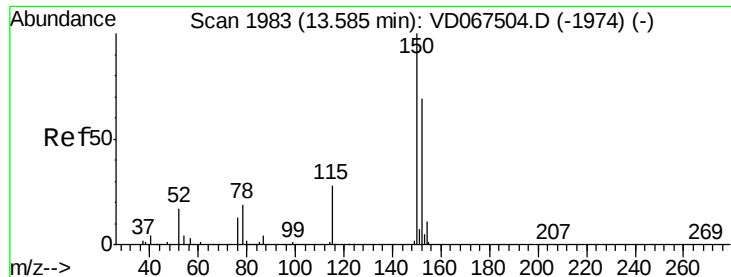
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	177.8
176	87.0	0.0	172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067520.D
Acq: 04 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.6	62.4
119	32.9	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: VD067520.D

Acq: 04 Nov 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

TR-05-110320

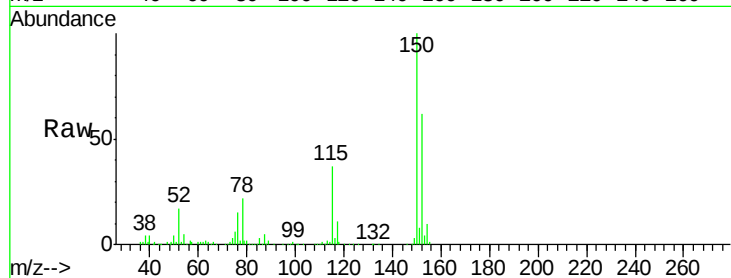
Tot Ion:152 Resp: 244375

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

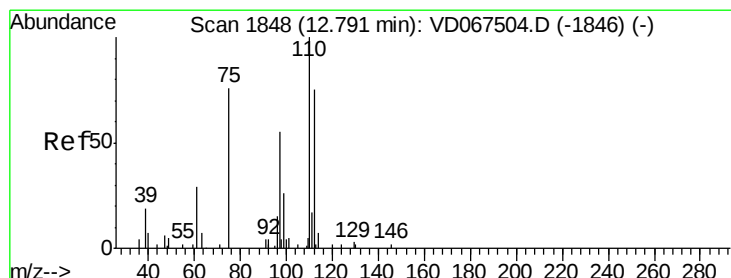
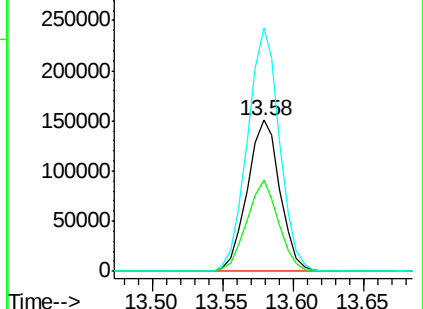
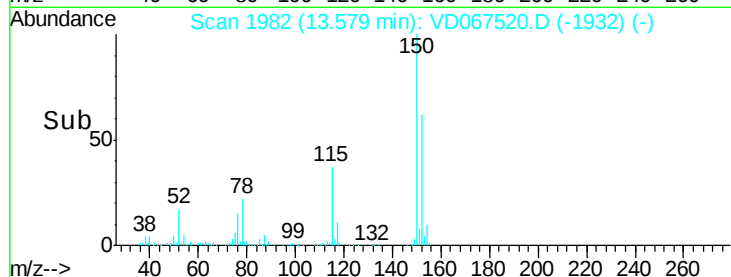
150 158.3 0.0 338.2



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: 74.958 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067520.D

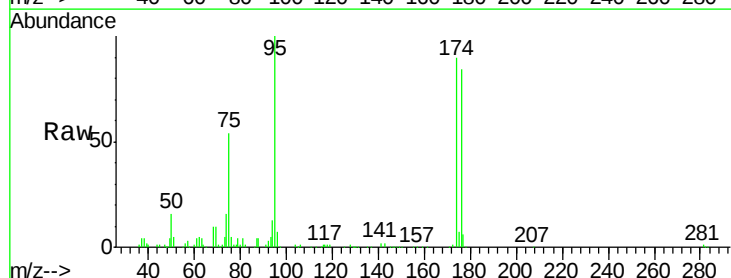
Acq: 04 Nov 2020 15:10

Tgt Ion: 75 Resp: 110504

Ion Ratio Lower Upper

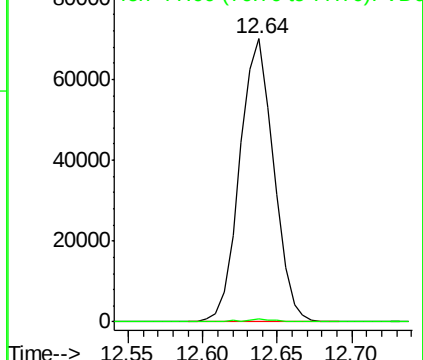
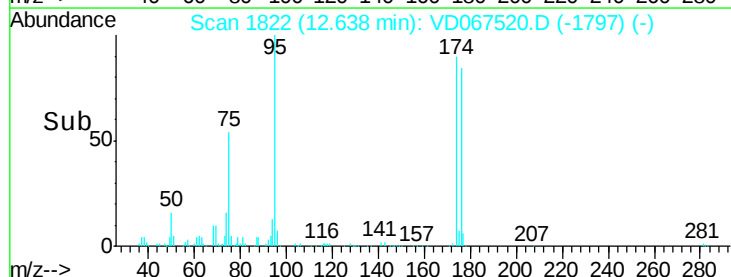
75 100

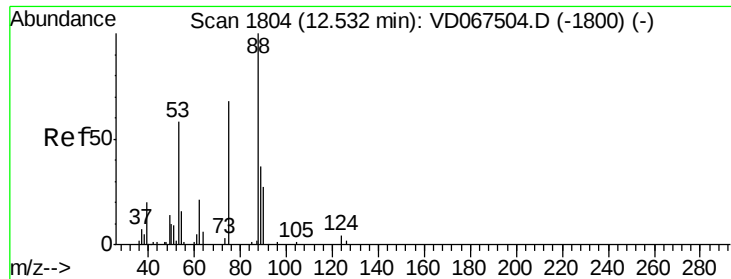
77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 152.185 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067520.D

Acq: 04 Nov 2020 15:10

Instrument :

MSVOA_D

ClientSampleId :

TR-05-110320

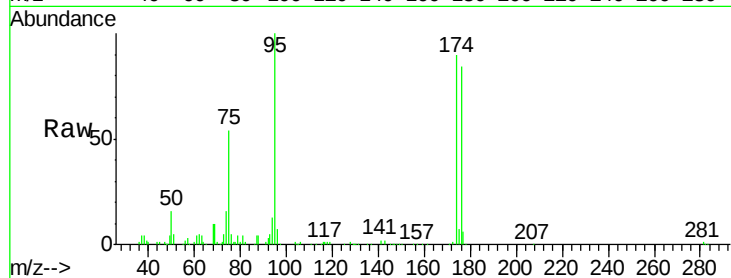
Tot Ion: 75 Resp: 110504

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

