

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067720.D
 Acq On : 20 Nov 2020 13:08
 Operator : VA/SY
 Sample : L4808-01
 Misc : 4.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 21 00:38:29 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

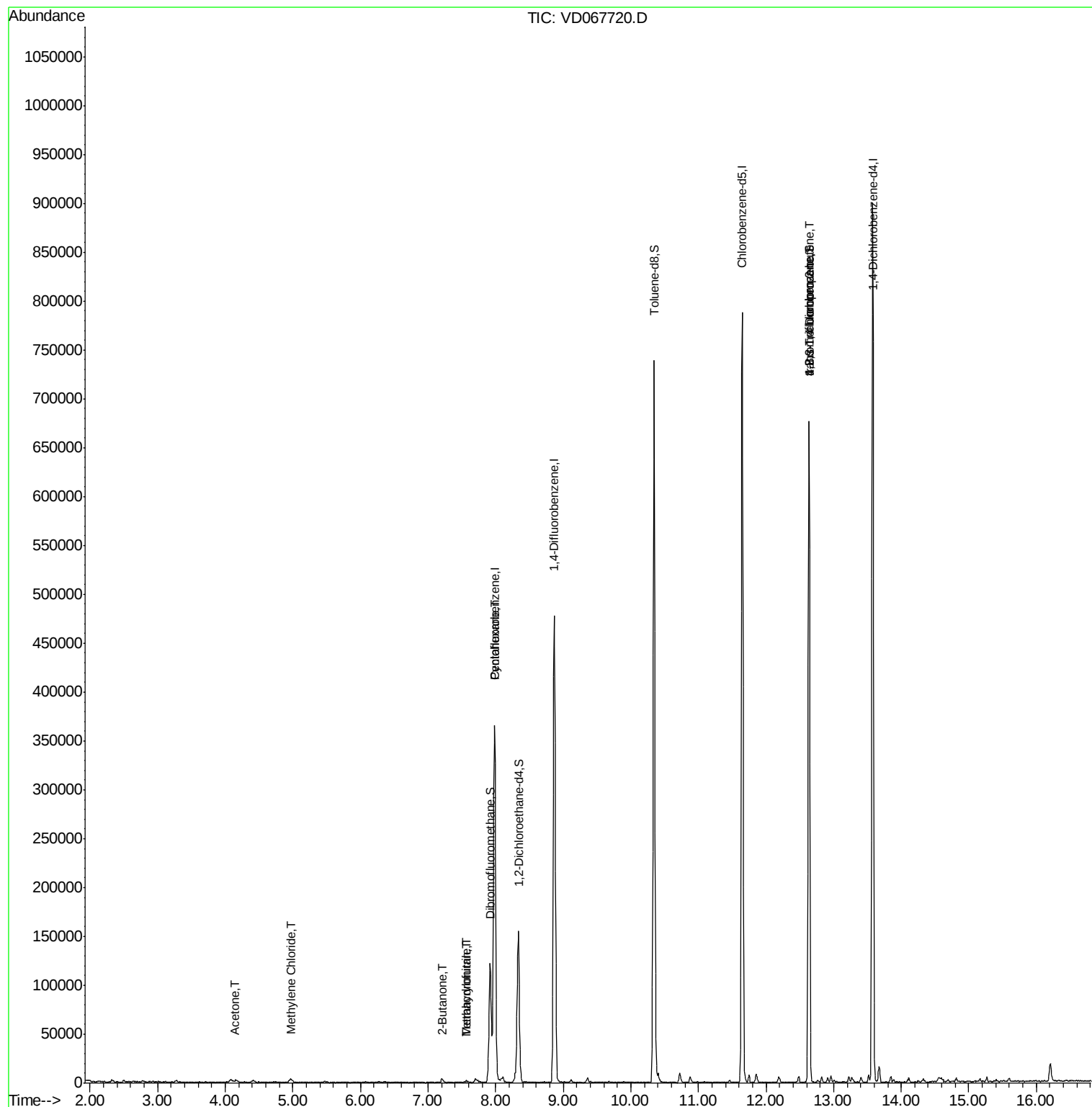
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	281377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	428191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	469839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	135191	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	7.92	113	82678	32.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.10%	
50) Toluene-d8	10.34	98	504540	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
62) 4-Bromofluorobenzene	12.64	95	214684	68.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.18%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	1469	Below Cal		85
16) Acetone	4.15	43	4680	12.711	ug/l	96
20) Methylene Chloride	4.97	84	3317	1.275	ug/l #	82
25) 2-Butanone	7.22	43	832	2.115	ug/l #	87
29) Tetrahydrofuran	7.57	42	961	4.078	ug/l #	57
31) Cyclohexane	7.99	56	6551	1.836	ug/l #	49
41) Methacrylonitrile	7.56	41	579	1.018	ug/l #	36
76) 1,2,3-Trichloropropane	12.64	75	110746	74.335	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	110746	150.921	ug/l #	10

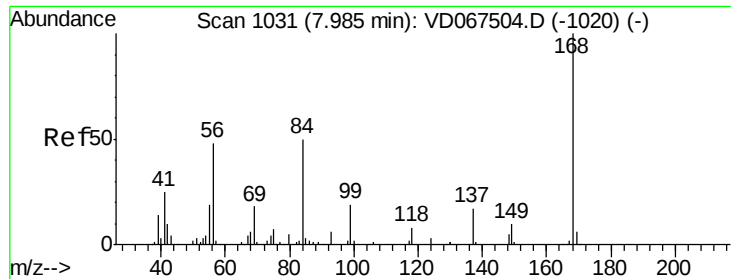
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112020\
Data File : VD067720.D
Acq On : 20 Nov 2020 13:08
Operator : VA/SY
Sample : L4808-01
Misc : 4.96G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Nov 21 00:38:29 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: VD067720.D

Acq: 20 Nov 2020 13:08

Instrument :

MSVOA_D

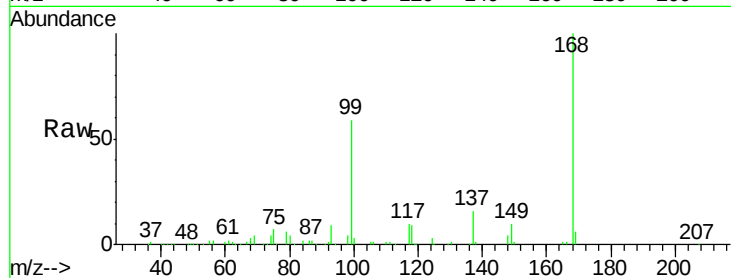
ClientSampleId :

Tot Ion:168 Resp: 281377

Ion Ratio Lower Upper

168 100

99 59.0 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

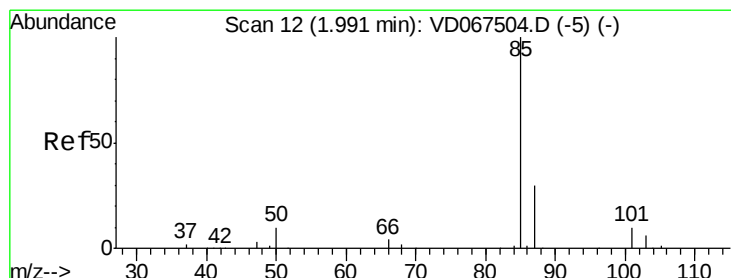
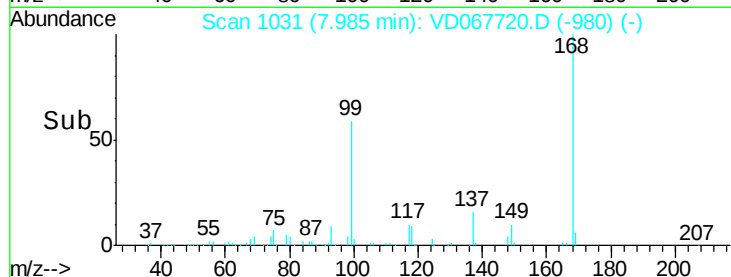
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067720.D

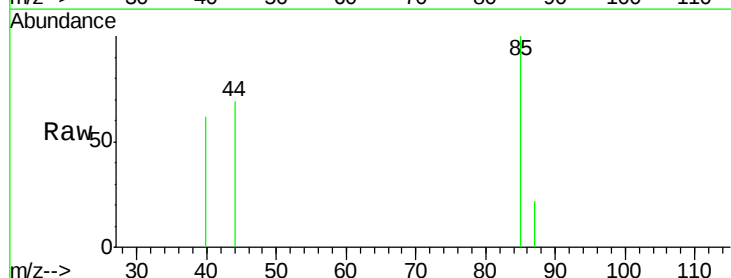
Acq: 20 Nov 2020 13:08

Tgt Ion: 85 Resp: 1469

Ion Ratio Lower Upper

85 100

87 22.5 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

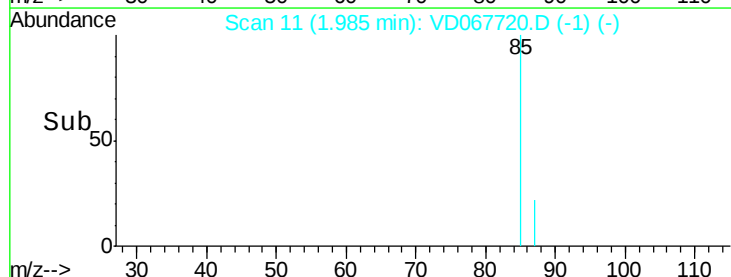
1.99

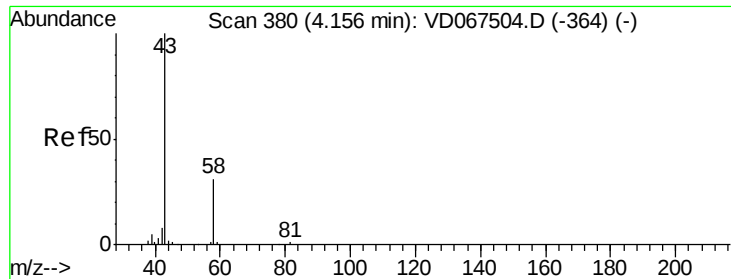
1000

500

0

Time-->





#16

Acetone

Concen: 12.711 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067720.D

Acq: 20 Nov 2020 13:08

Instrument :

MSVOA_D

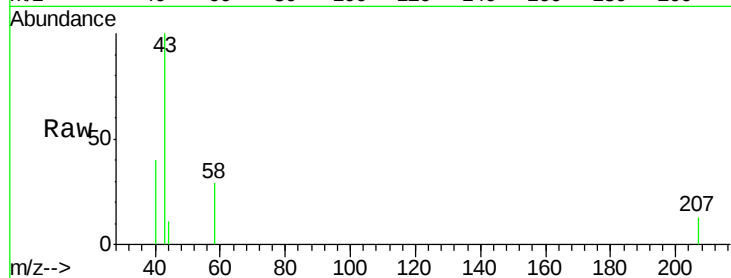
ClientSampleId :

Tot Ion: 43 Resp: 4680

Ion Ratio Lower Upper

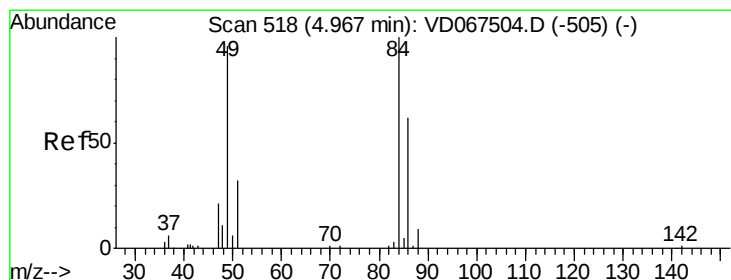
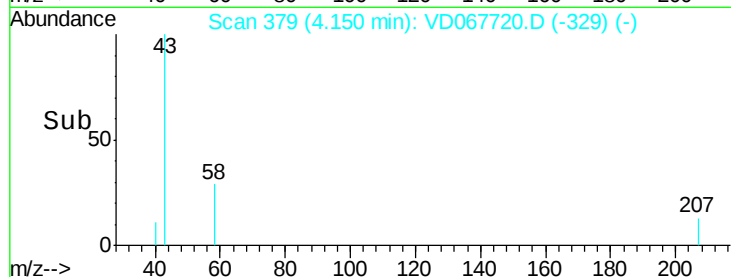
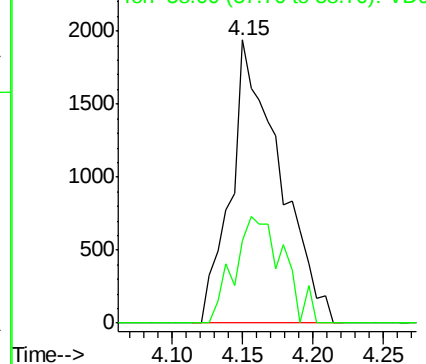
43 100

58 29.1 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: 1.275 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067720.D

Acq: 20 Nov 2020 13:08

Tgt Ion: 84 Resp: 3317

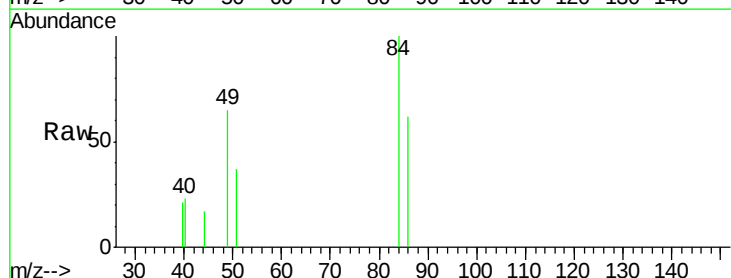
Ion Ratio Lower Upper

84 100

49 64.9 77.0 115.4#

51 37.4 25.4 38.2

86 62.2 49.4 74.0

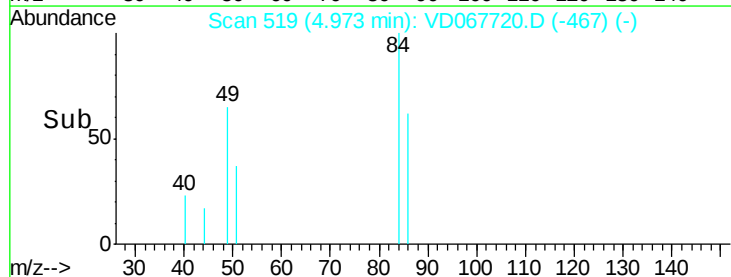
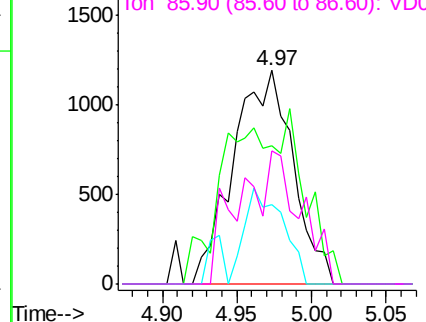


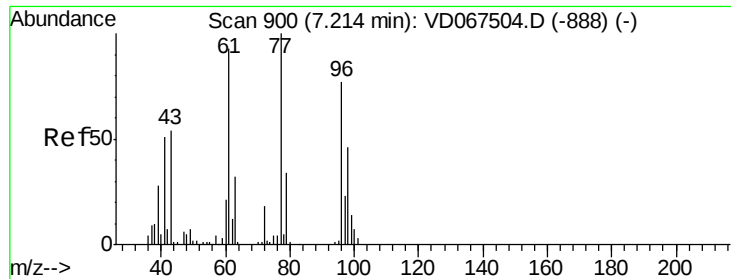
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

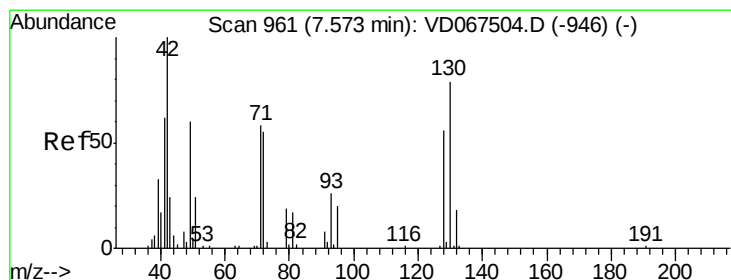
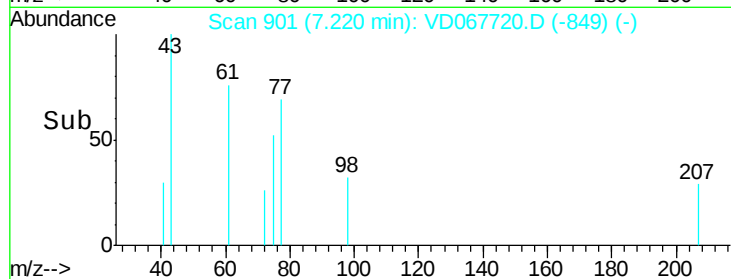
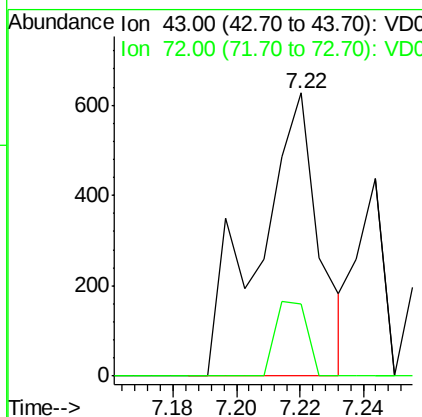
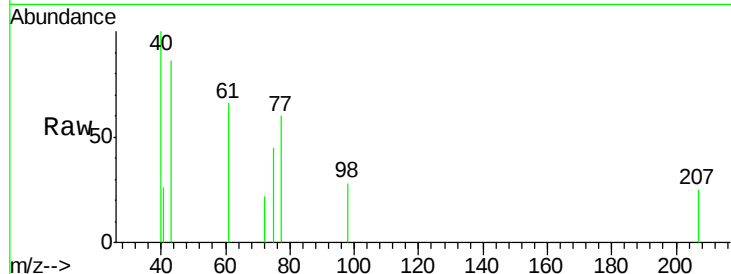




#25
2-Butanone
Concen: 2.115 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067720.D
Acq: 20 Nov 2020 13:08

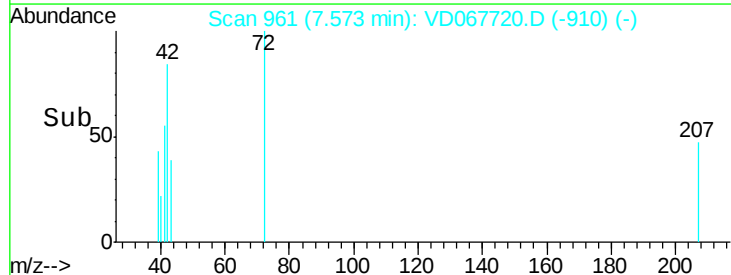
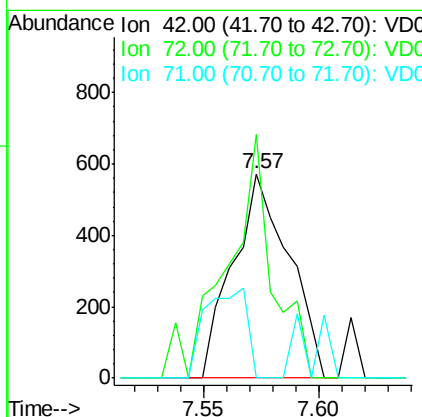
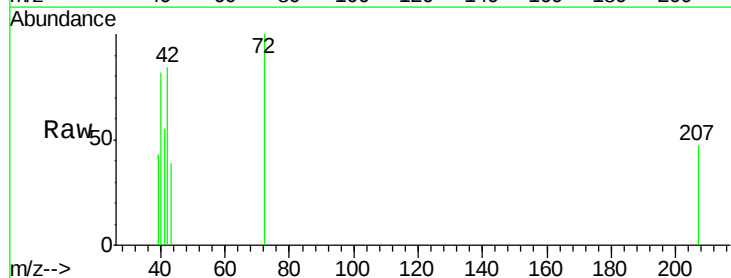
Instrument :
MSVOA_D
ClientSampleId :

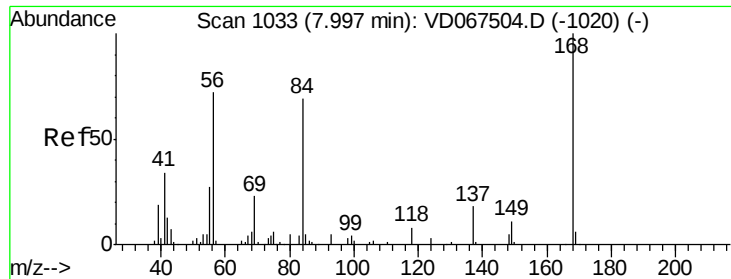
Tot Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
72 25.5 26.4 39.6#



#29
Tetrahydrofuran
Concen: 4.078 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD067720.D
Acq: 20 Nov 2020 13:08

Tgt Ion: 42 Resp: 961
Ion Ratio Lower Upper
42 100
72 98.2 46.3 69.5#
71 32.8 44.0 66.0#

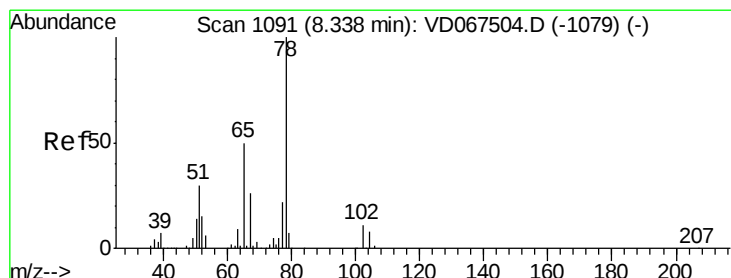
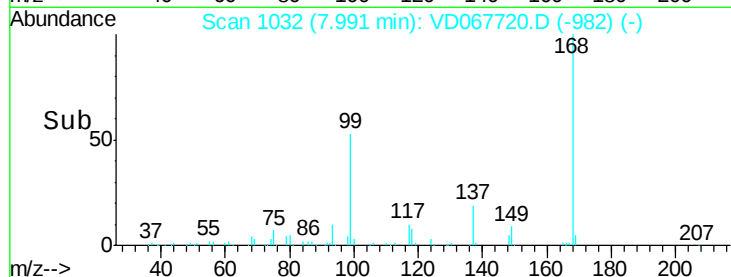
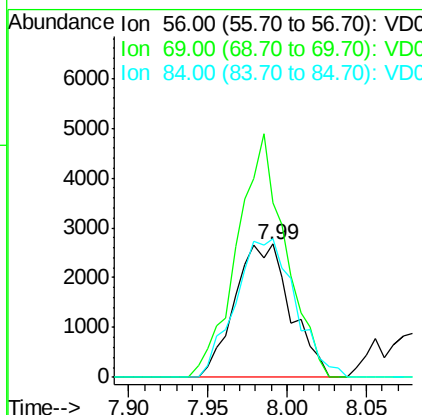
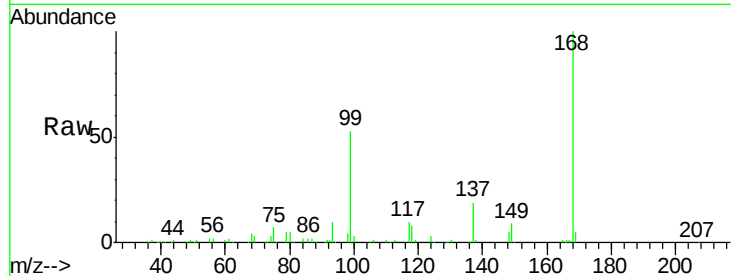




#31
Cyclohexane
Concen: 1.836 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067720.D
Acq: 20 Nov 2020 13:08

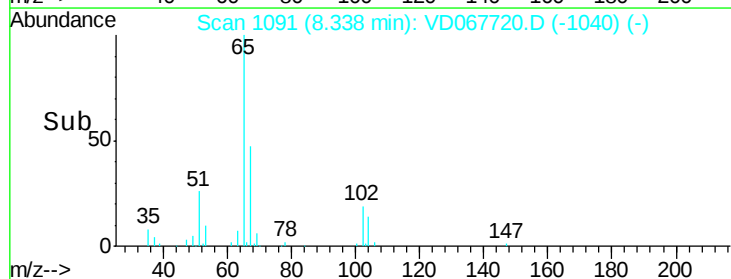
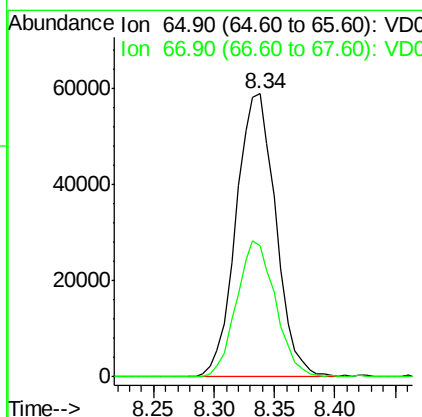
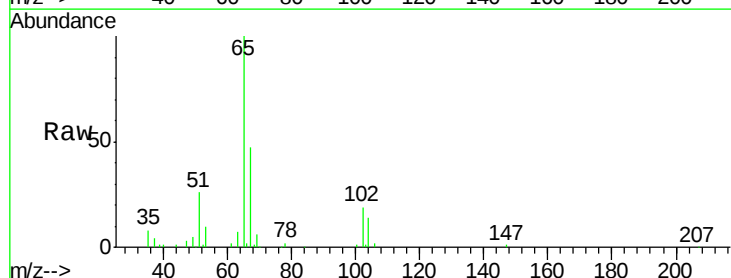
Instrument :
MSVOA_D
ClientSampleId :

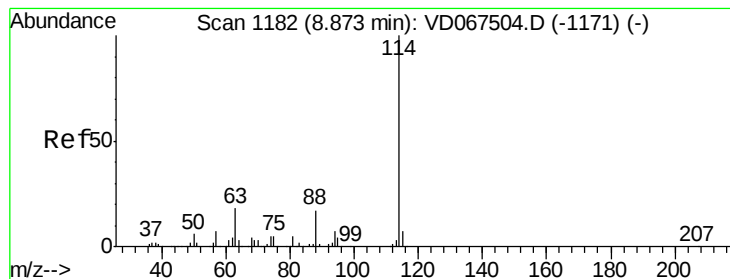
Tot Ion: 56 Resp: 6551
Ion Ratio Lower Upper
56 100
69 130.3 25.9 38.9#
84 104.3 76.2 114.4



#33
1,2-Dichloroethane-d4
Concen: 54.948 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067720.D
Acq: 20 Nov 2020 13:08

Tgt Ion: 65 Resp: 135191
Ion Ratio Lower Upper
65 100
67 47.4 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: VD067720.D

Acq: 20 Nov 2020 13:08

Instrument :

MSVOA_D

ClientSampleId :

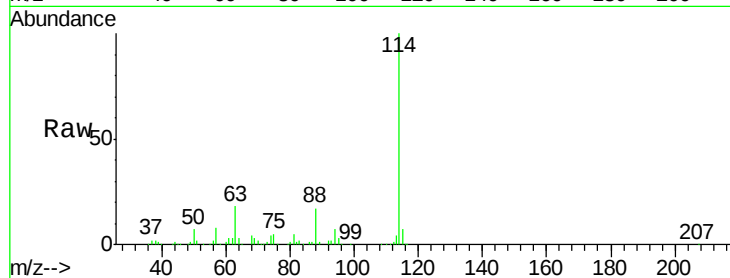
Tot Ion:114 Resp: 428191

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

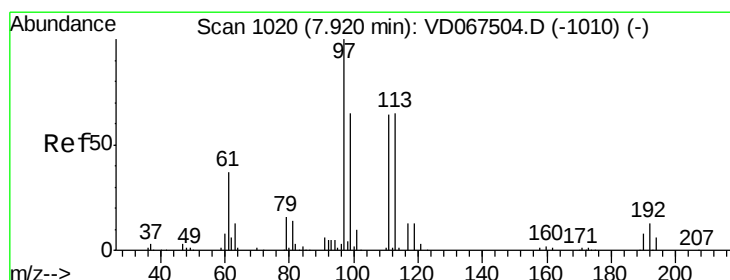
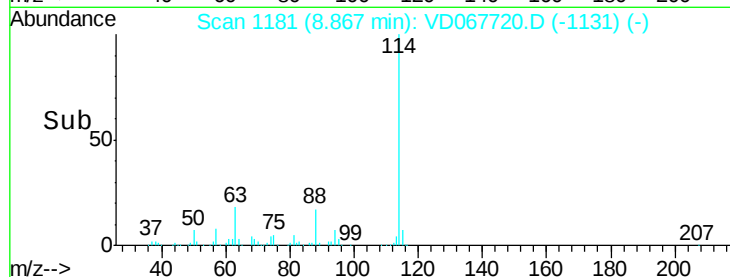
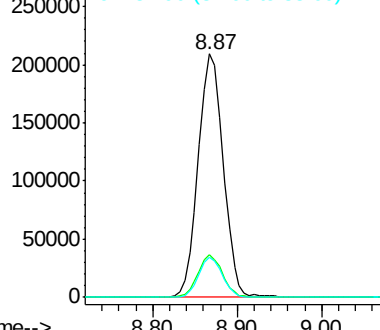
88 16.6 0.0 33.0



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



#35

Dibromofluoromethane

Concen: 32.048 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067720.D

Acq: 20 Nov 2020 13:08

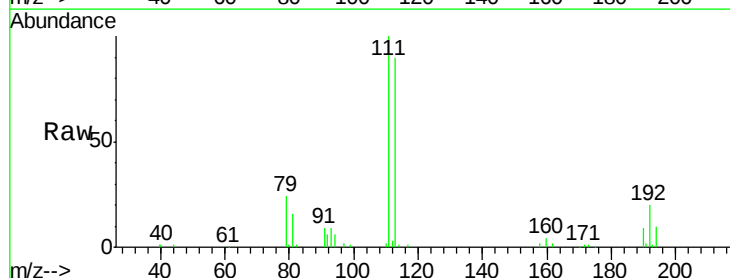
Tgt Ion:113 Resp: 82678

Ion Ratio Lower Upper

113 100

111 102.7 80.0 120.0

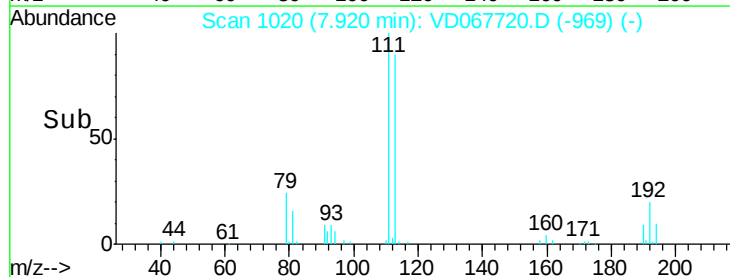
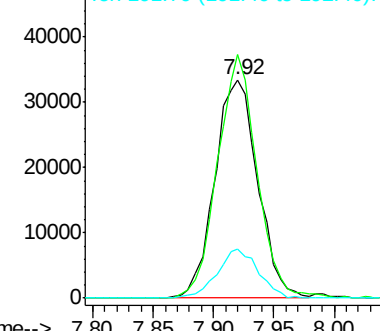
192 21.2 16.3 24.5

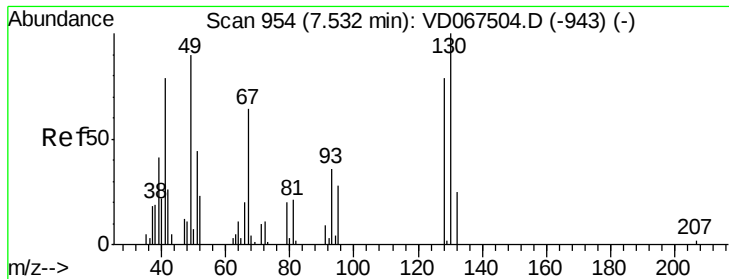


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#41

Methacrylonitrile

Concen: 1.018 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD067720.D

Acq: 20 Nov 2020 13:08

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 579

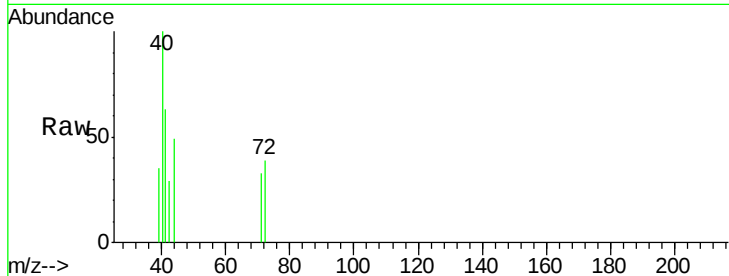
Ion Ratio Lower Upper

41 100

39 72.4 51.3 76.9

67 0.0 78.9 118.3#

52 0.0 31.4 47.2#

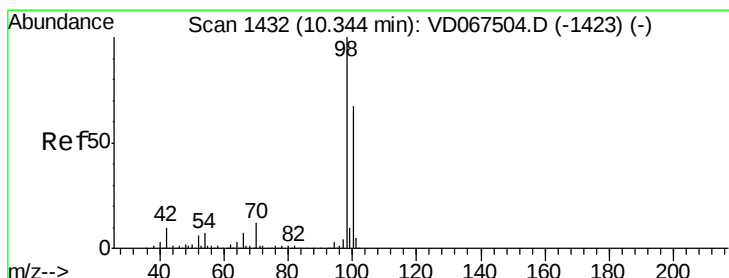
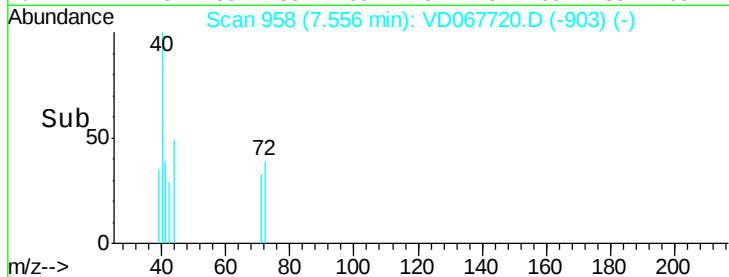
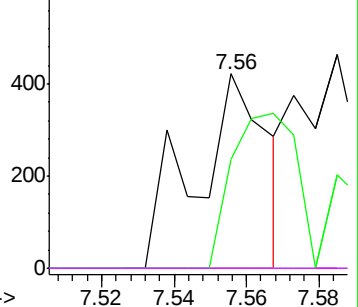


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#50

Toluene-d8

Concen: 55.651 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067720.D

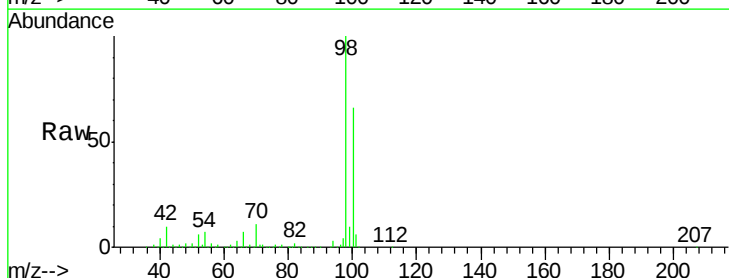
Acq: 20 Nov 2020 13:08

Tgt Ion: 98 Resp: 504540

Ion Ratio Lower Upper

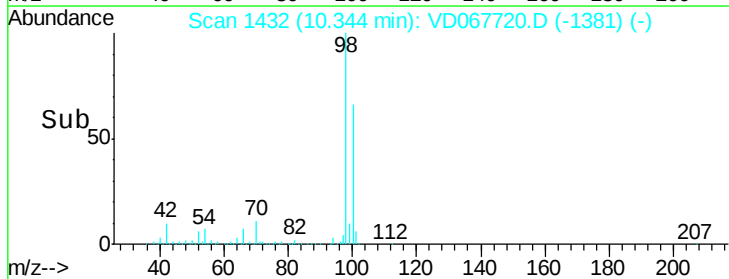
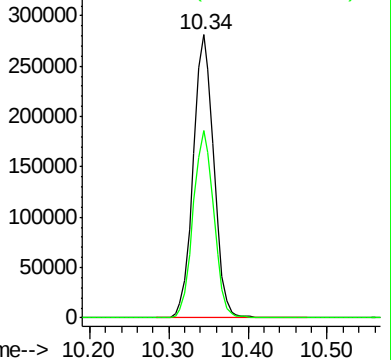
98 100

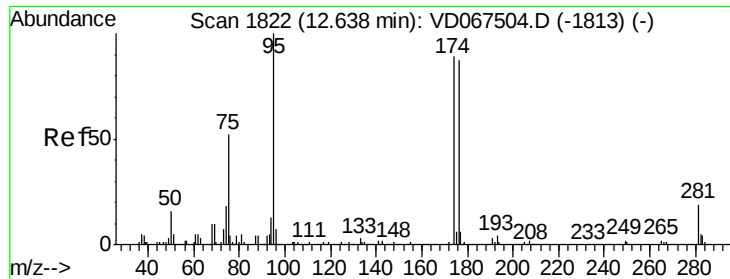
100 66.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

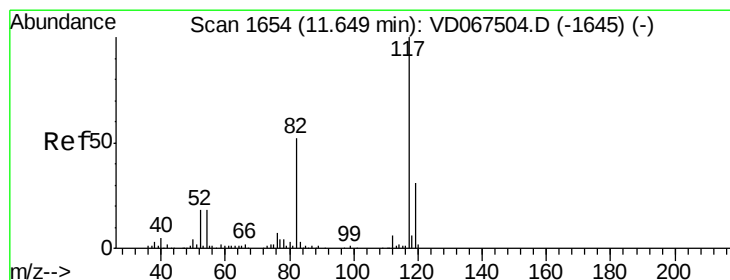
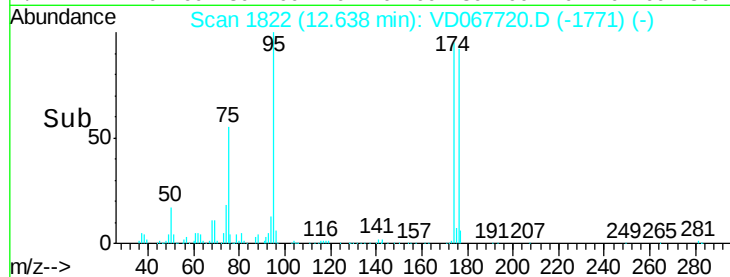
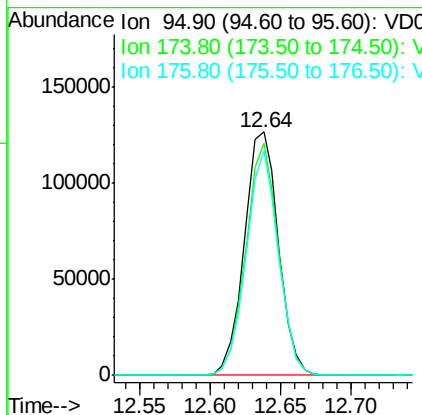
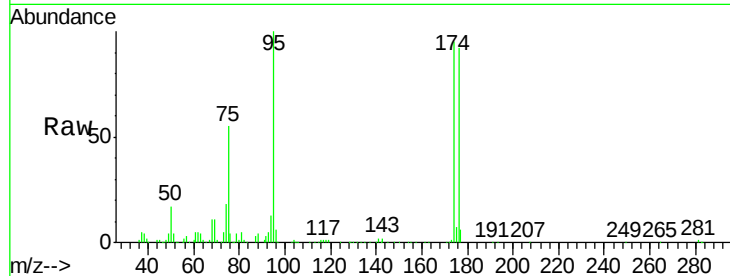




#62
4-Bromofluorobenzene
Concen: 68.588 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067720.D
Acq: 20 Nov 2020 13:08

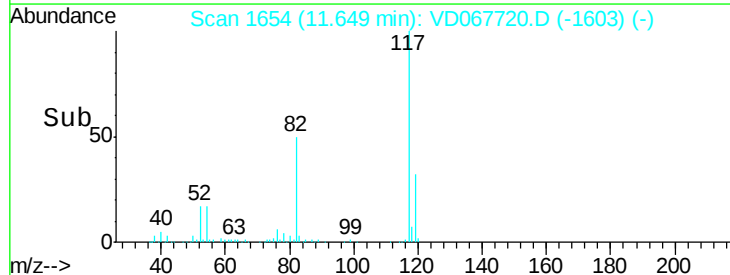
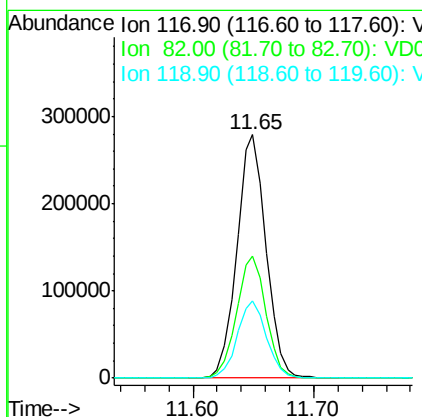
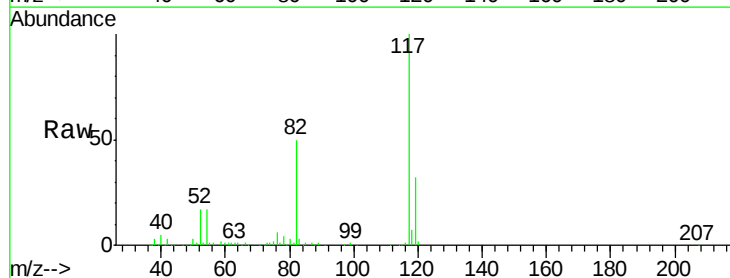
Instrument :
MSVOA_D
ClientSampleId :

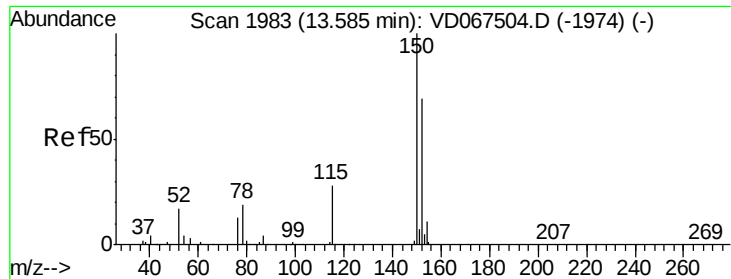
Tot Ion: 95 Resp: 214684
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.8
176 87.3 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067720.D
Acq: 20 Nov 2020 13:08

Tgt Ion: 117 Resp: 469839
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 31.7 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: VD067720.D

Acq: 20 Nov 2020 13:08

Instrument :

MSVOA_D

ClientSampleId :

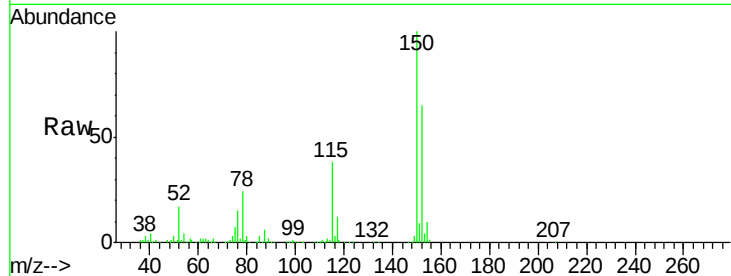
Tot Ion:152 Resp: 246962

Ion Ratio Lower Upper

152 100

115 60.1 29.3 88.0

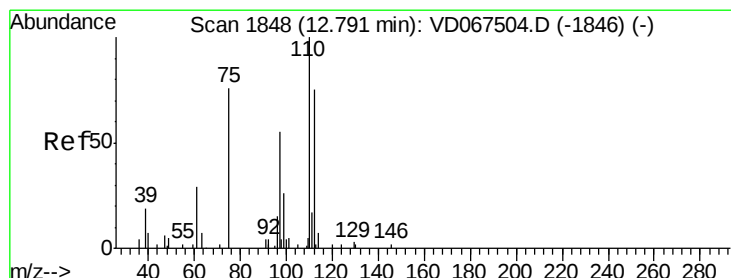
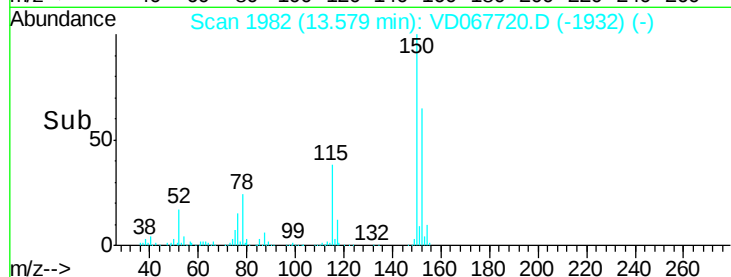
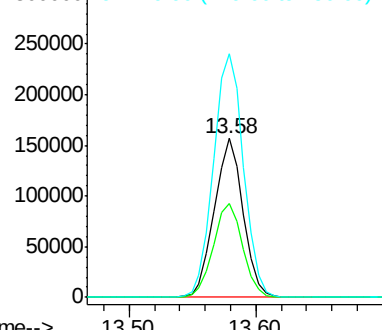
150 159.4 0.0 338.2



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: 74.335 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067720.D

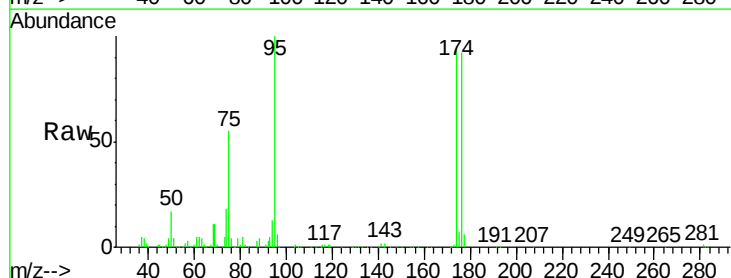
Acq: 20 Nov 2020 13:08

Tgt Ion: 75 Resp: 110746

Ion Ratio Lower Upper

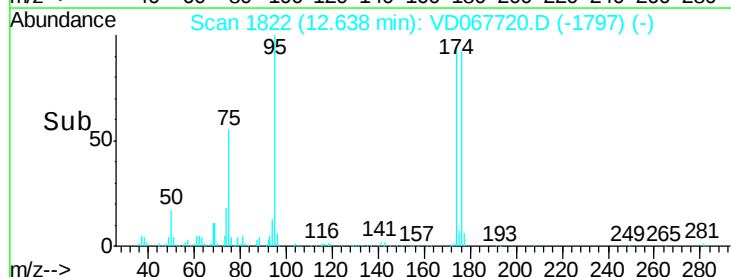
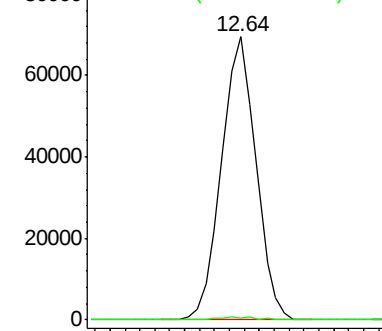
75 100

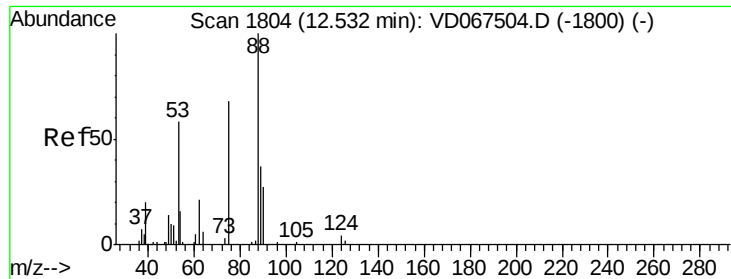
77 1.1 0.0 0.0#



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: 150.921 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067720.D

Acq: 20 Nov 2020 13:08

Instrument :

MSVOA_D

ClientSampleId :

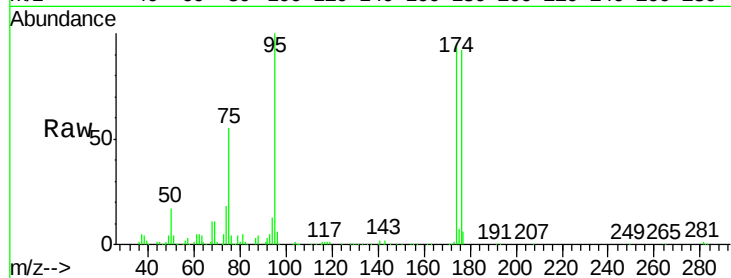
Tot Ion: 75 Resp: 110746

Ion Ratio Lower Upper

75 100

53 0.1 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

