

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067526.D
 Acq On : 04 Nov 2020 17:55
 Operator : VA/SY
 Sample : L4625-14
 Misc : 6.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONTAINER-002-2B

Quant Time: Nov 05 00:40:11 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

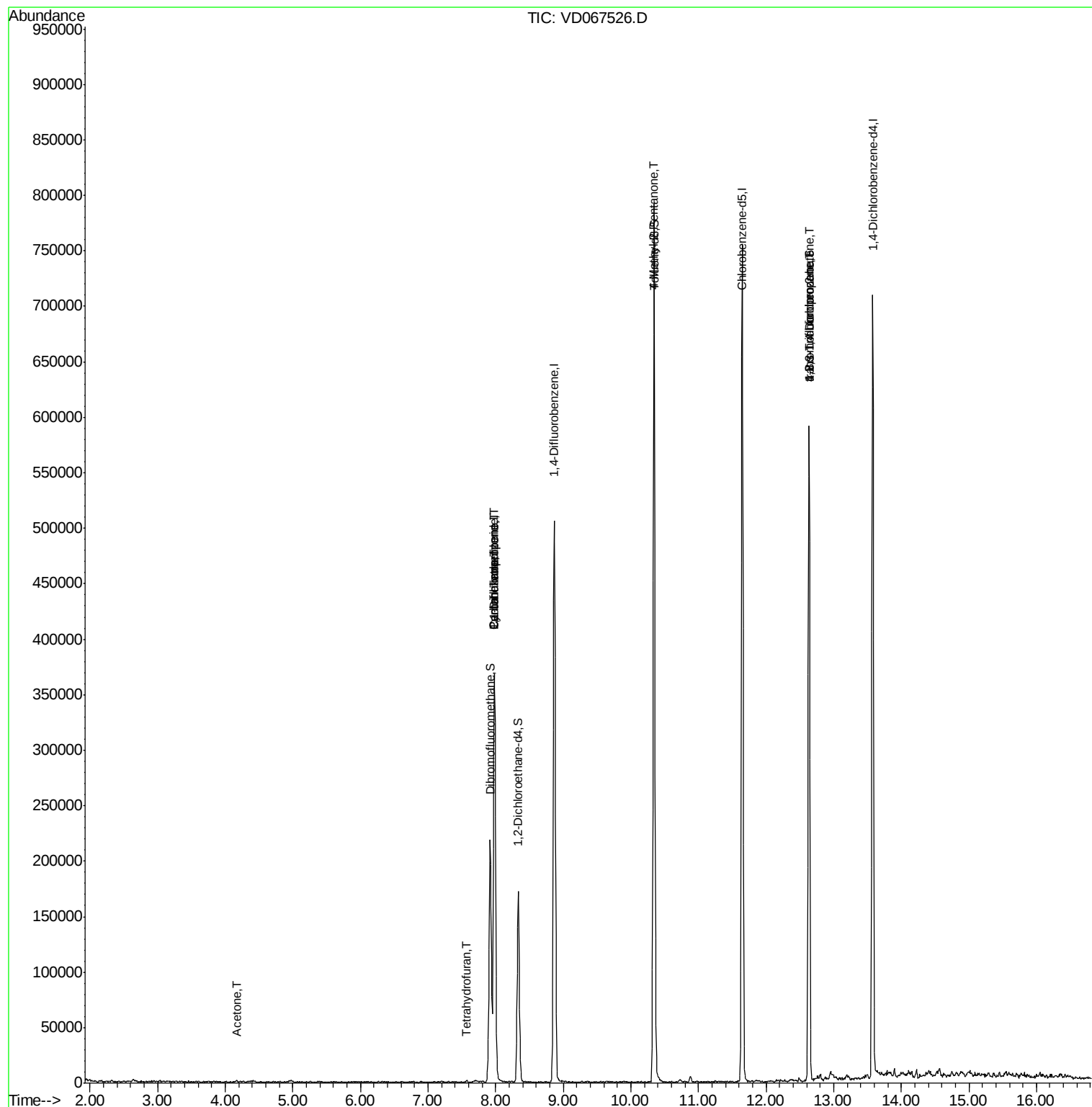
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	466286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	447533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	197932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	149731	61.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.72%	
35) Dibromofluoromethane	7.92	113	151521	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
50) Toluene-d8	10.34	98	542232	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
62) 4-Bromofluorobenzene	12.64	95	191125	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
Target Compounds						
2) Dichlorodifluoromethane	1.99	85	170	Below Cal	#	44
16) Acetone	4.17	43	1379	3.776	ug/l #	86
29) Tetrahydrofuran	7.57	42	485	2.075	ug/l #	71
31) Cyclohexane	7.98	56	4932	1.394	ug/l #	19
36) 1,1-Dichloropropene	7.98	75	18915	4.739	ug/l #	51
38) Carbon Tetrachloride	7.98	117	29368	5.663	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	1919	1.958	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	97822	81.925	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	97822	166.330	ug/l #	10

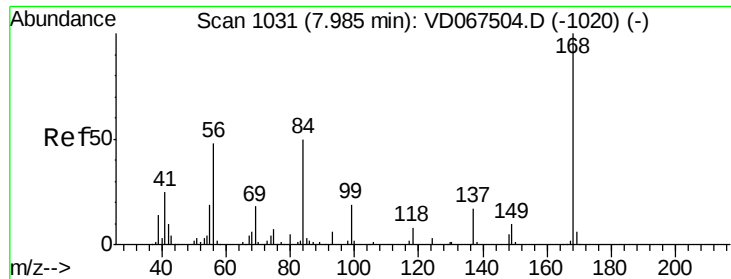
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110420\
Data File : VD067526.D
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CONTAINER-002-2B

Quant Time: Nov 05 00:40:11 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: VD067526.D

Acq: 04 Nov 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

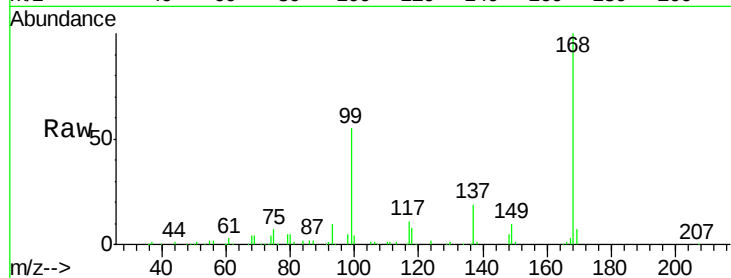
CONTAINER-002-2B

Tot Ion:168 Resp: 279070

Ion Ratio Lower Upper

168 100

99 55.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

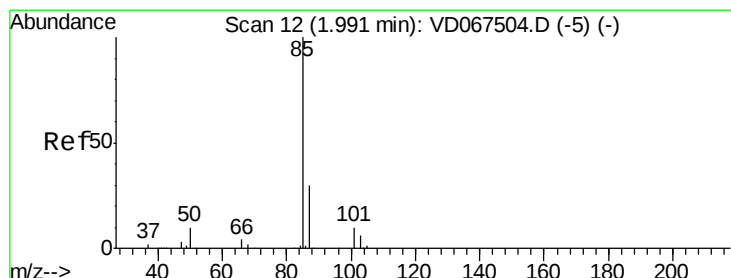
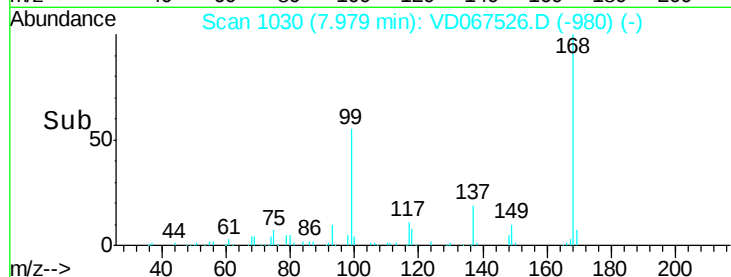
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067526.D

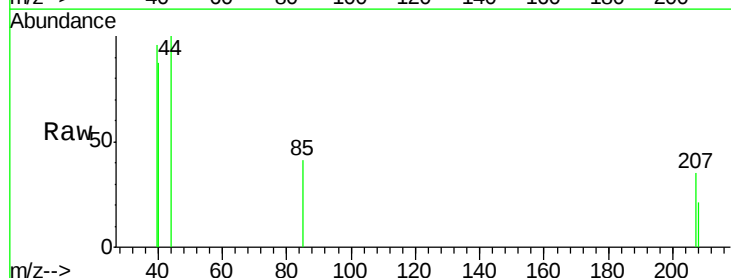
Acq: 04 Nov 2020 17:55

Tgt Ion: 85 Resp: 170

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

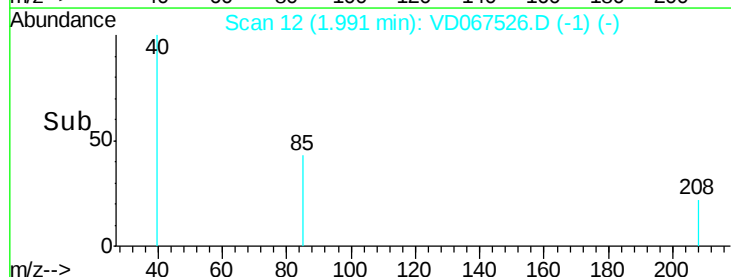
300

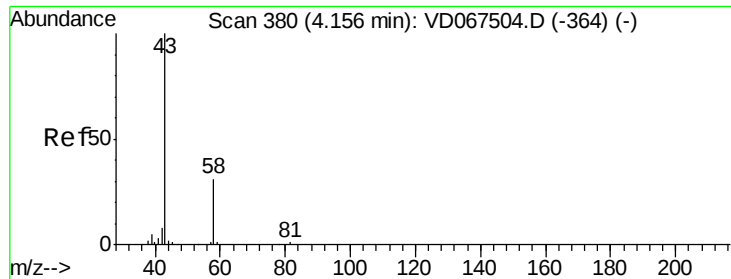
200

100

0

Time-->

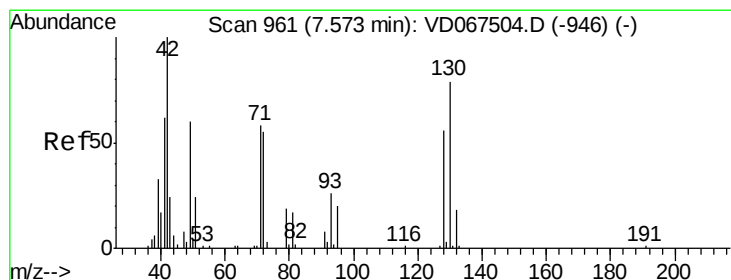
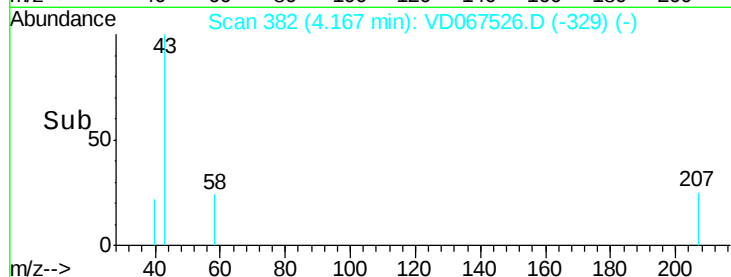
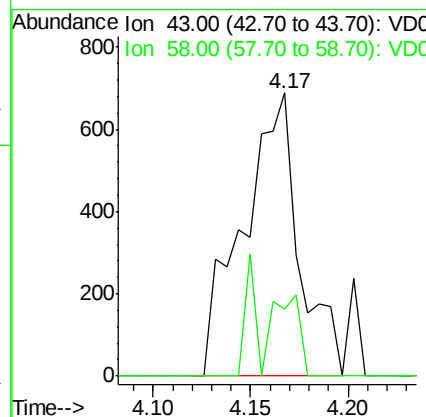
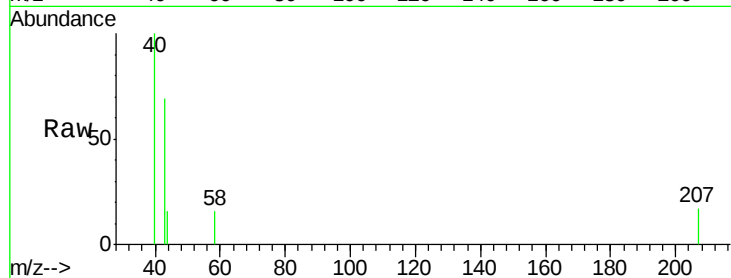




#16
Acetone
Concen: 3.776 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD067526.D
Acq: 04 Nov 2020 17:55

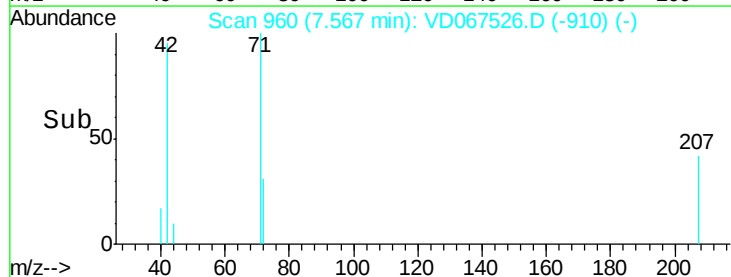
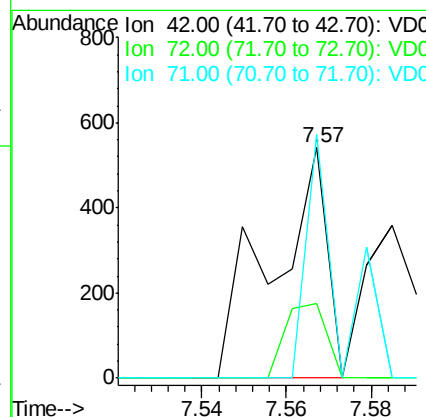
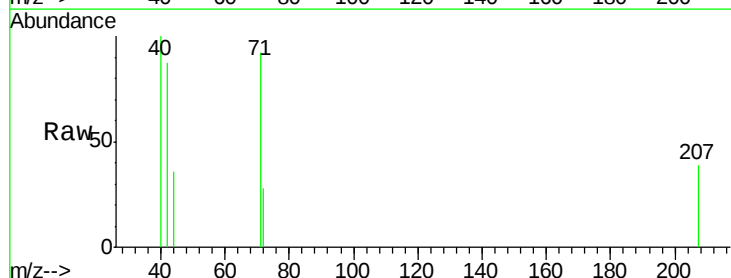
Instrument :
MSVOA_D
ClientSampleId :
CONTAINER-002-2B

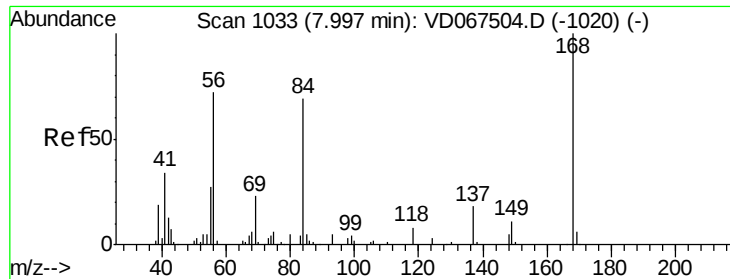
Tot Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 23.5 25.2 37.8#



#29
Tetrahydrofuran
Concen: 2.075 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067526.D
Acq: 04 Nov 2020 17:55

Tgt Ion: 42 Resp: 485
Ion Ratio Lower Upper
42 100
72 24.7 46.3 69.5#
71 63.9 44.0 66.0

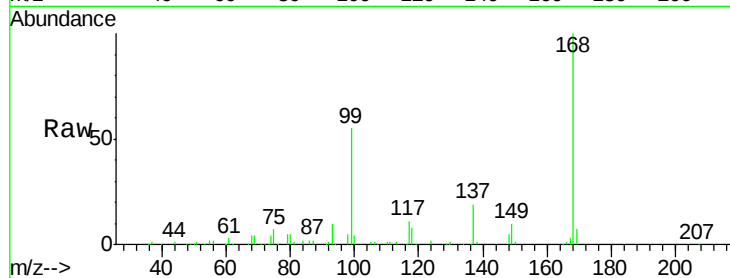




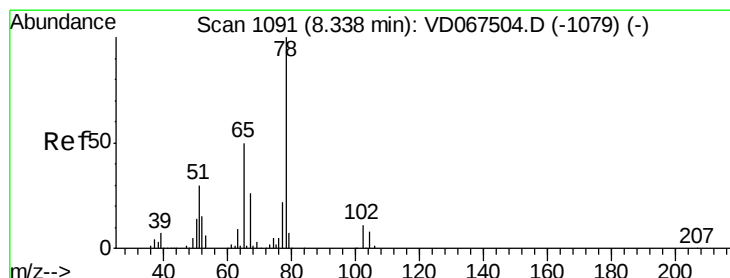
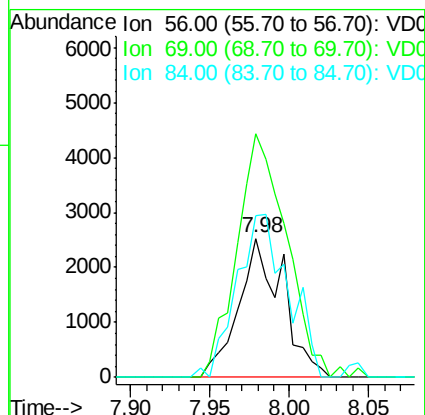
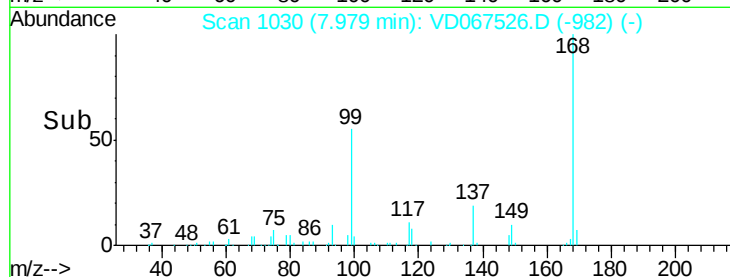
#31
Cyclohexane
Concen: 1.394 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067526.D
Acq: 04 Nov 2020 17:55

Instrument :
MSVOA_D
ClientSampleId :
CONTAINER-002-2B

Tot Ion: 56 Resp: 4932
Ion Ratio Lower Upper
56 100
69 175.6 25.9 38.9#
84 116.3 76.2 114.4#

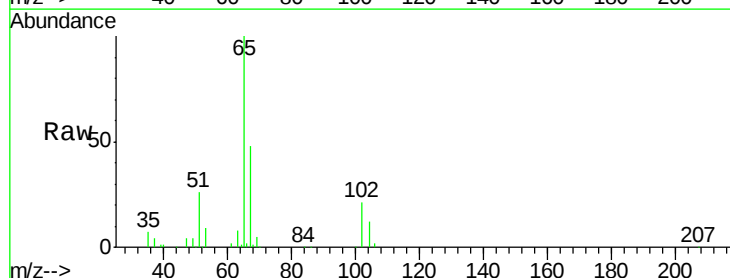


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

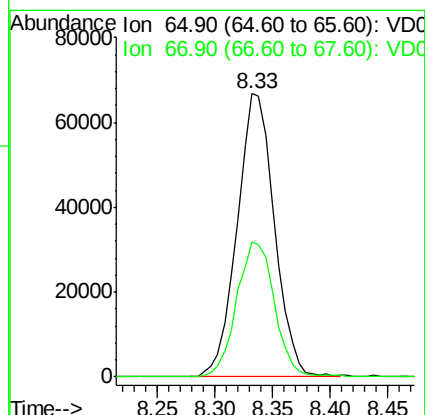
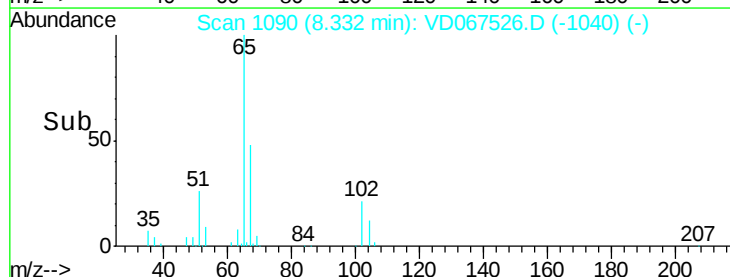


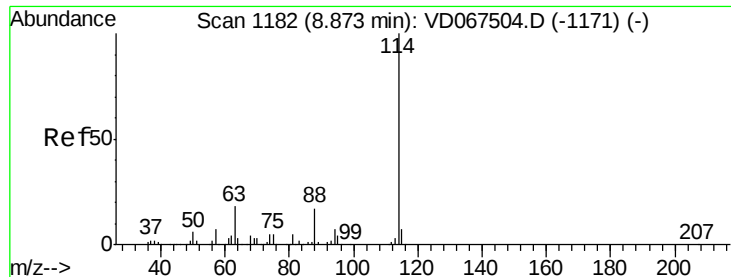
#33
1,2-Dichloroethane-d4
Concen: 61.361 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067526.D
Acq: 04 Nov 2020 17:55

Tgt Ion: 65 Resp: 149731
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

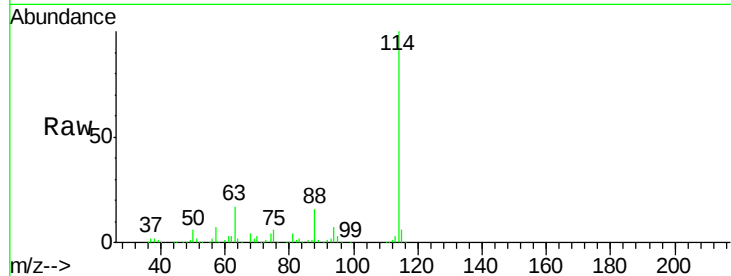




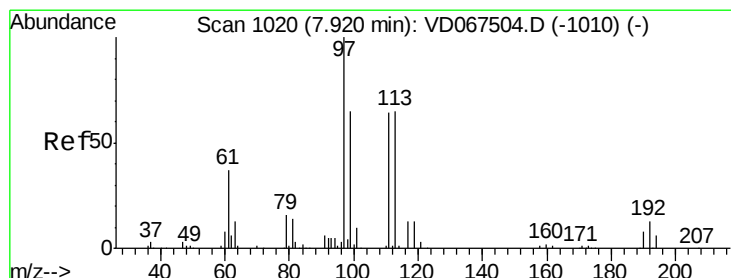
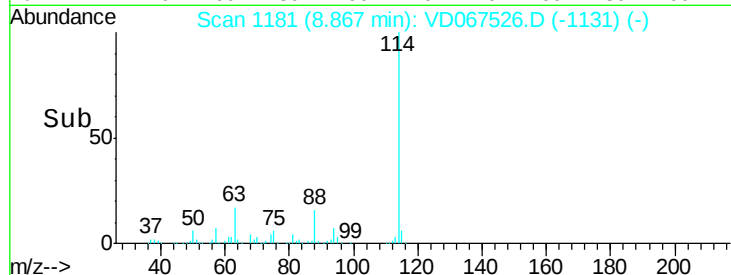
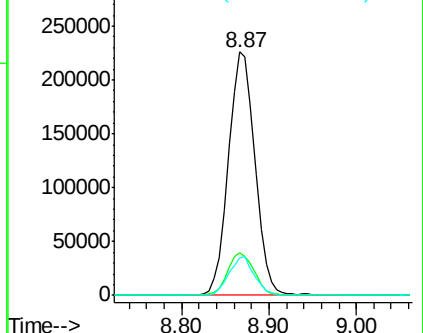
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD067526.D
Acq: 04 Nov 2020 17:55

Instrument :
MSVOA_D
ClientSampleId :
CONTAINER-002-2B

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.0
88	15.7	0.0	33.0

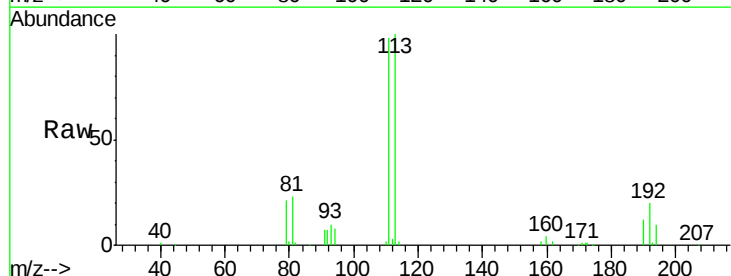


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

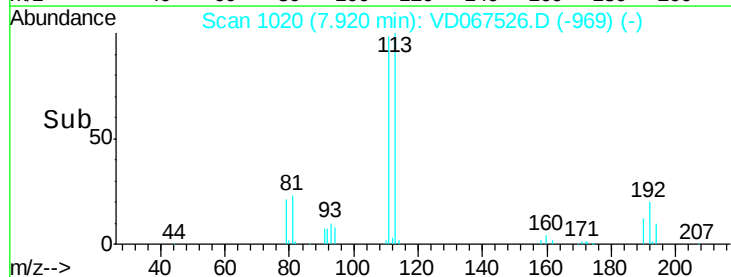
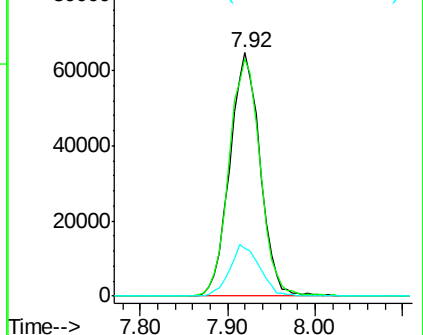


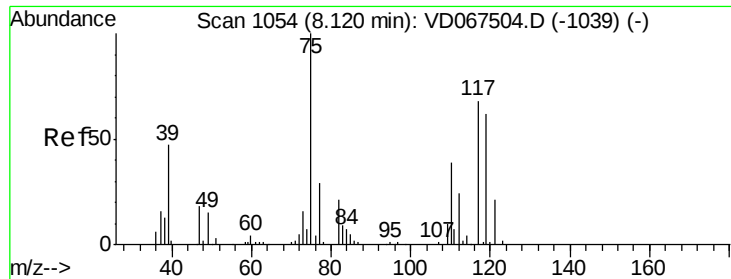
#35
Dibromofluoromethane
Concen: 53.934 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067526.D
Acq: 04 Nov 2020 17:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.0	120.0
192	21.0	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: 4.739 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.14 min

Lab File: VD067526.D

Acq: 04 Nov 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

CONTAINER-002-2B

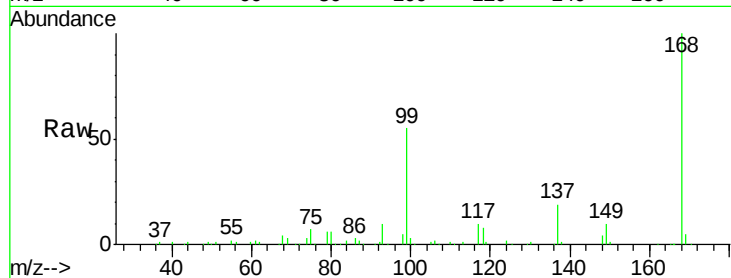
Tot Ion: 75 Resp: 18915

Ion Ratio Lower Upper

75 100

110 13.0 19.9 59.7#

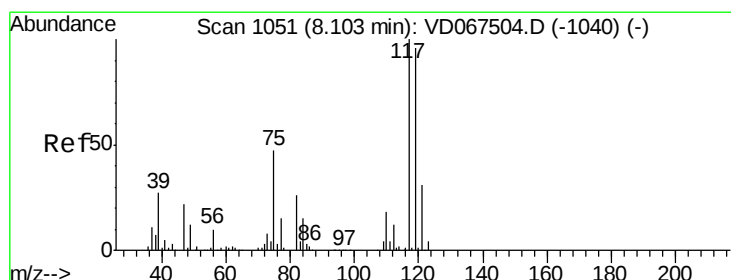
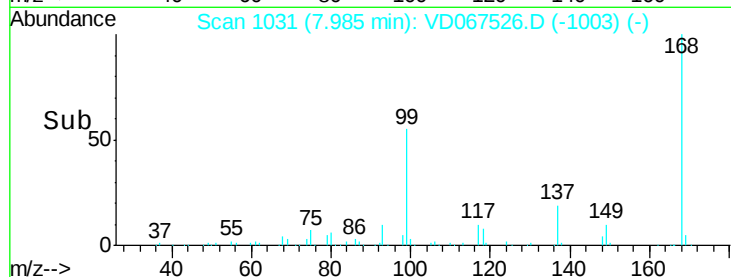
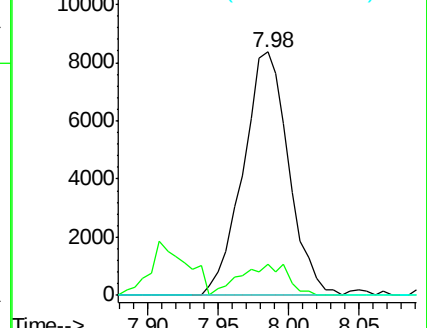
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#38

Carbon Tetrachloride

Concen: 5.663 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD067526.D

Acq: 04 Nov 2020 17:55

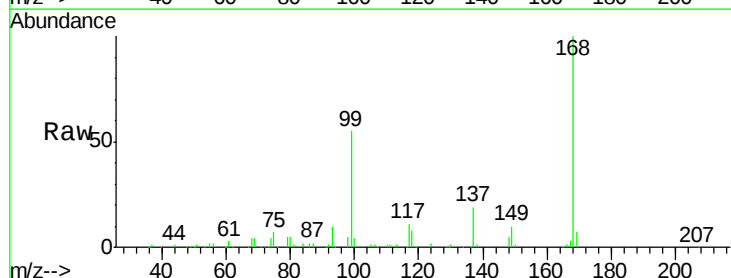
Tgt Ion: 117 Resp: 29368

Ion Ratio Lower Upper

117 100

119 4.5 76.9 115.3#

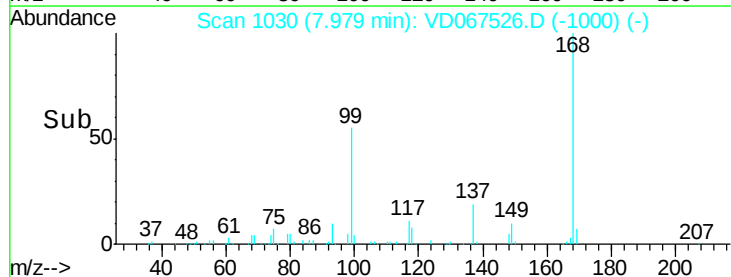
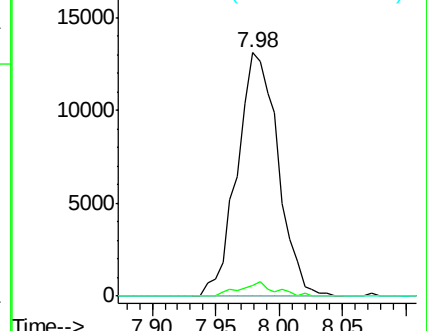
121 0.0 24.5 36.7#

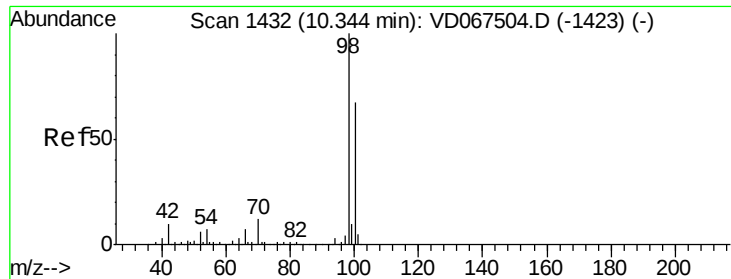


Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 118.80 (118.50 to 119.50): VDC

Ion 120.80 (120.50 to 121.50): VDC





#50

Toluene-d8

Concen: 54.922 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067526.D

Acq: 04 Nov 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

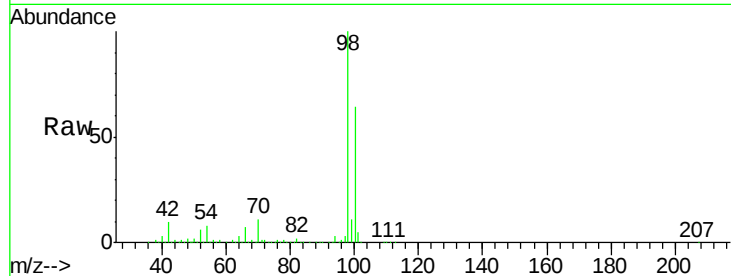
CONTAINER-002-2B

Tot Ion: 98 Resp: 542232

Ion Ratio Lower Upper

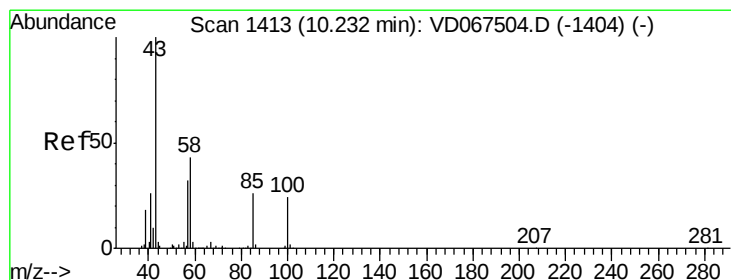
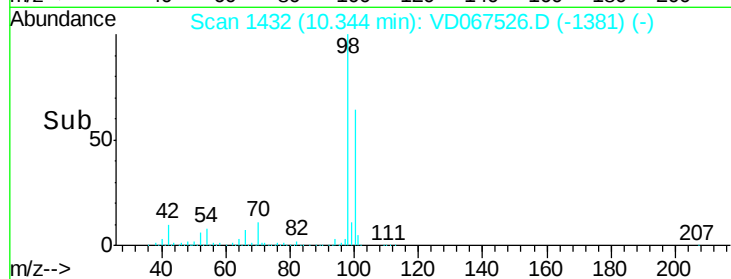
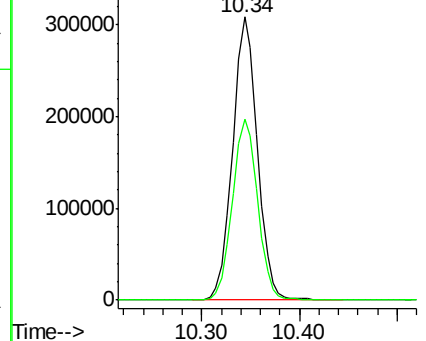
98 100

100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.958 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. 0.10 min

Lab File: VD067526.D

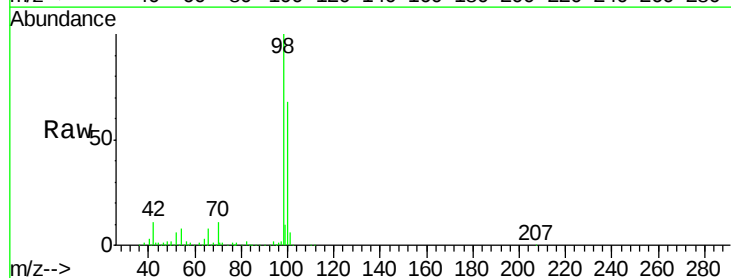
Acq: 04 Nov 2020 17:55

Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

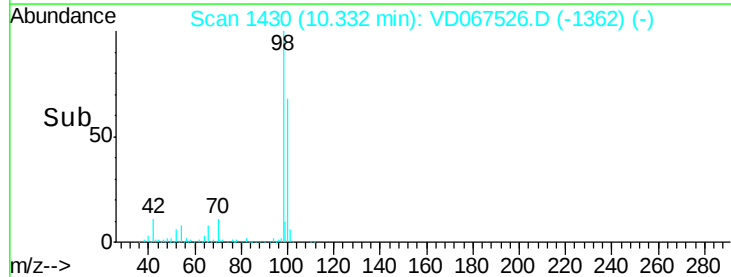
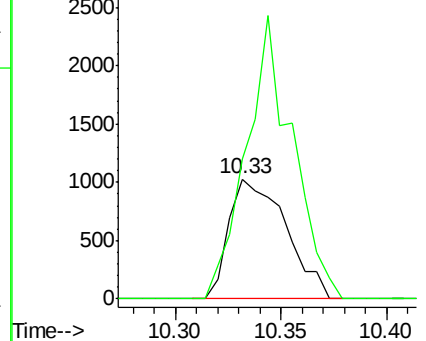
43 100

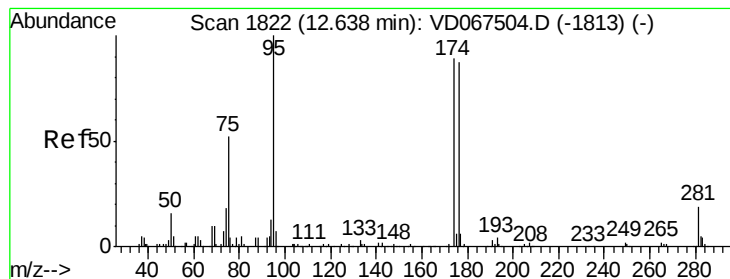
58 192.1 35.6 53.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#62

4-Bromofluorobenzene

Concen: 56.073 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067526.D

Acq: 04 Nov 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

CONTAINER-002-2B

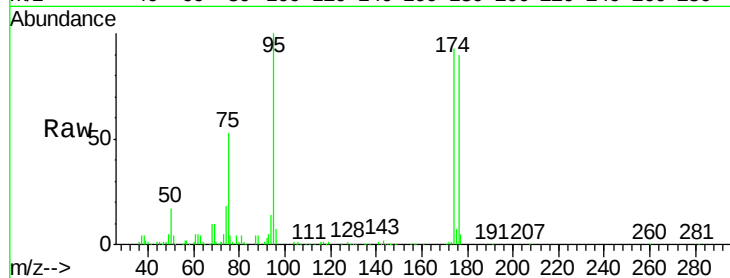
Tot Ion: 95 Resp: 191125

Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.8

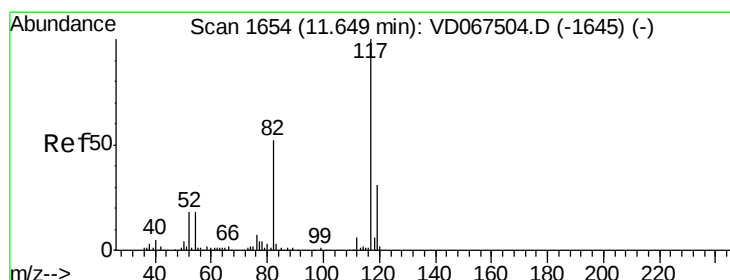
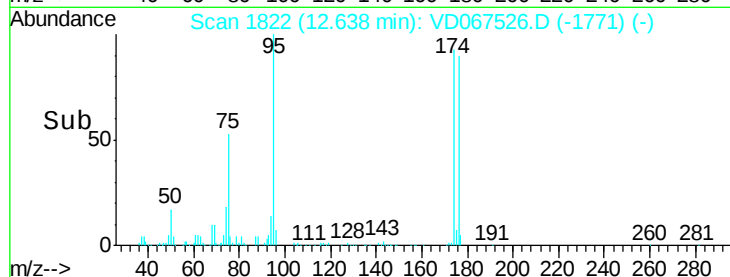
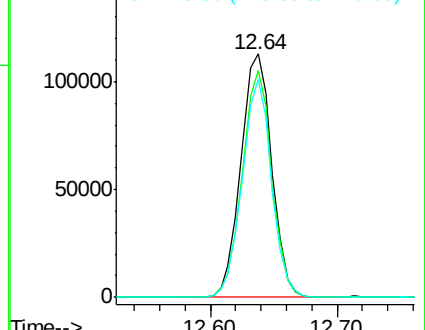
176 84.9 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): VD067526.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD067526.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD067526.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067526.D

Acq: 04 Nov 2020 17:55

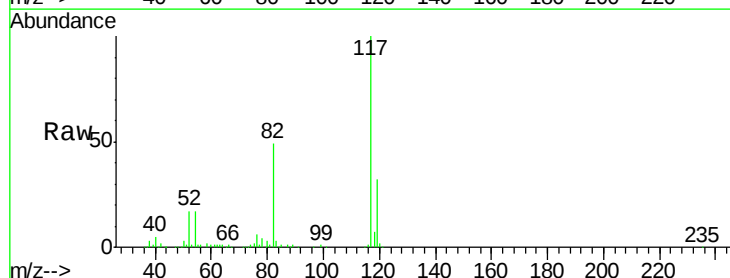
Tgt Ion: 117 Resp: 447533

Ion Ratio Lower Upper

117 100

82 48.6 41.6 62.4

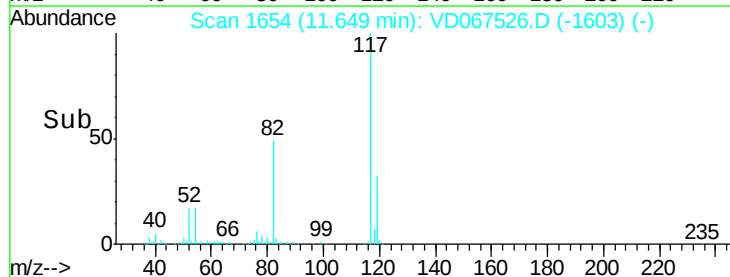
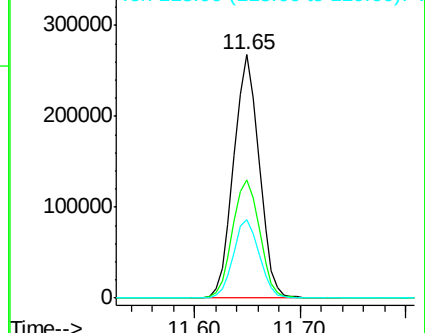
119 32.1 25.1 37.7

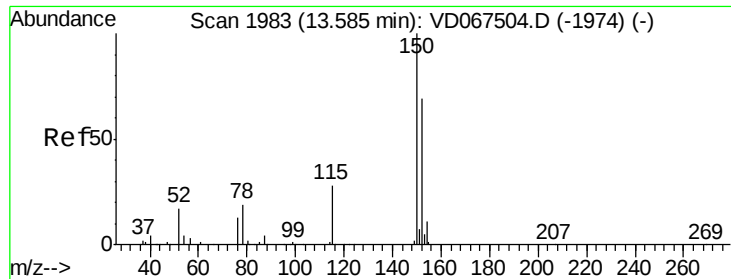


Abundance Ion 116.90 (116.60 to 117.60): VD067526.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD067526.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD067526.D (-1603) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067526.D

Acq: 04 Nov 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

CONTAINER-002-2B

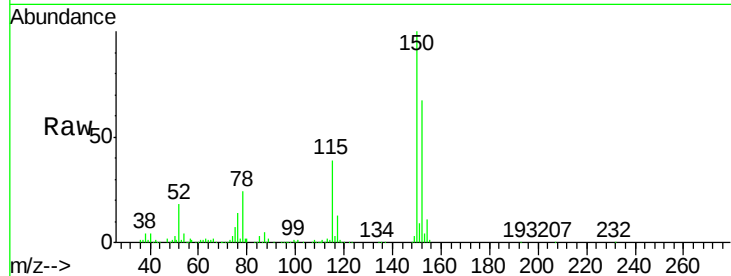
Tot Ion:152 Resp: 197932

Ion Ratio Lower Upper

152 100

115 58.8 29.3 88.0

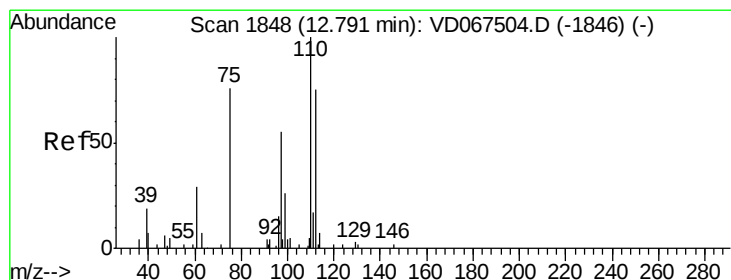
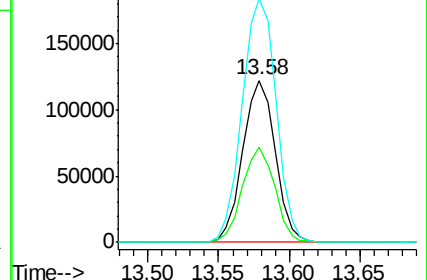
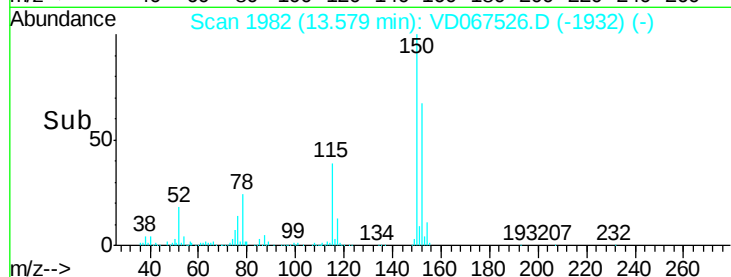
150 156.9 0.0 338.2



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: 81.925 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067526.D

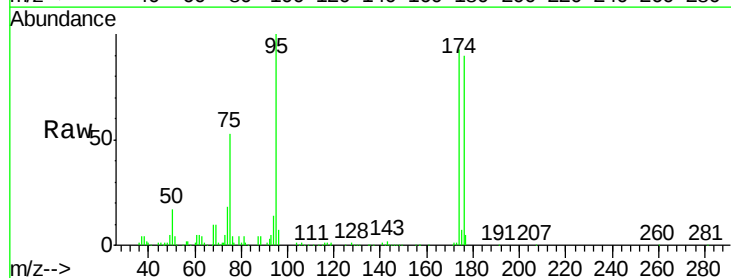
Acq: 04 Nov 2020 17:55

Tgt Ion: 75 Resp: 97822

Ion Ratio Lower Upper

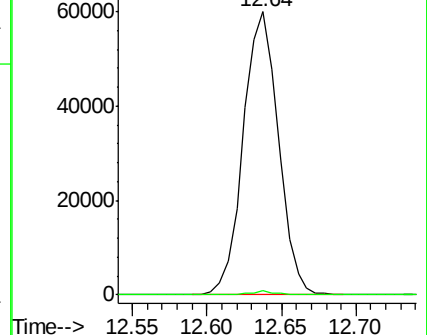
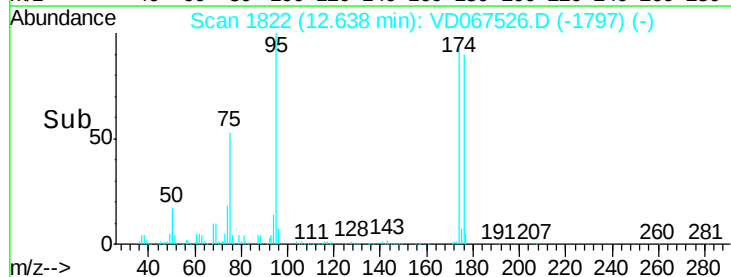
75 100

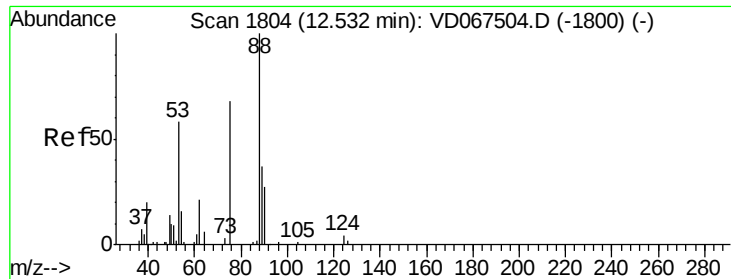
77 1.1 0.0 0.0#



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: 166.330 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067526.D

Acq: 04 Nov 2020 17:55

Instrument :

MSVOA_D

ClientSampleId :

CONTAINER-002-2B

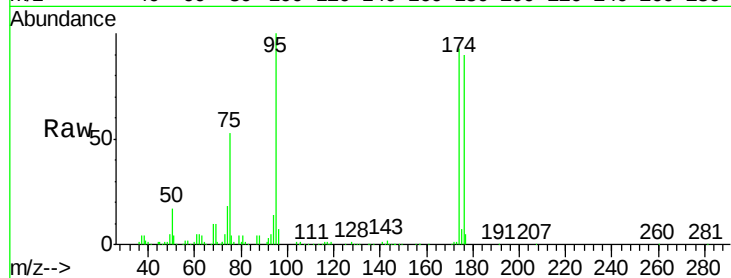
Tot Ion: 75 Resp: 97822

Ion Ratio Lower Upper

75 100

53 0.2 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

