

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067682.D
 Acq On : 18 Nov 2020 13:36
 Operator : VA/SY
 Sample : L4770-18
 Misc : 4.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-4-5

Quant Time: Nov 19 00:26:50 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	275906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	435721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	454673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	120816	50.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.16%	
35) Dibromofluoromethane	7.92	113	131529	50.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.20%	
50) Toluene-d8	10.34	98	510997	55.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.78%	
62) 4-Bromofluorobenzene	12.64	95	197715	62.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	124.14%	

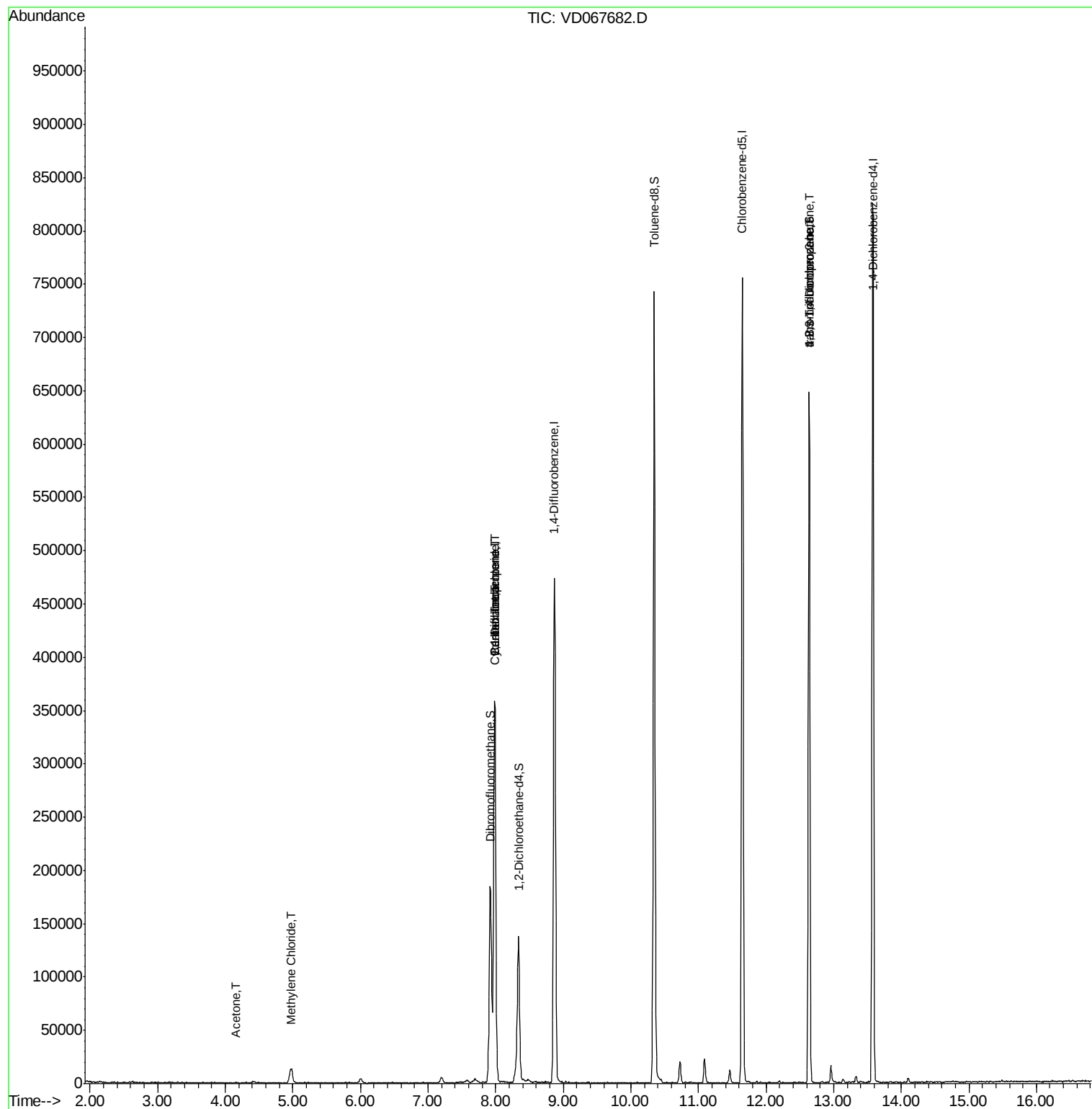
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	417	Below Cal	#	44
11) Tert butyl alcohol	5.23	59	62	Below Cal	#	79
16) Acetone	4.16	43	1019	2.823	ug/l #	65
20) Methylene Chloride	4.98	84	11779	4.619	ug/l #	92
31) Cyclohexane	8.00	56	5203	1.487	ug/l #	40
36) 1,1-Dichloropropene	7.98	75	19595	5.254	ug/l #	47
38) Carbon Tetrachloride	7.99	117	27800	5.737	ug/l #	17
76) 1,2,3-Trichloropropane	12.64	75	103741	73.020	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	103741	148.251	ug/l #	10

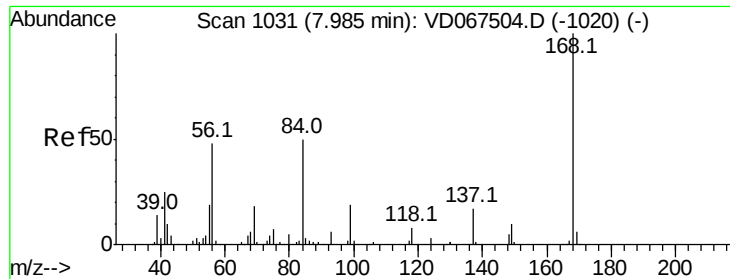
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067682.D

Acq: 18 Nov 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

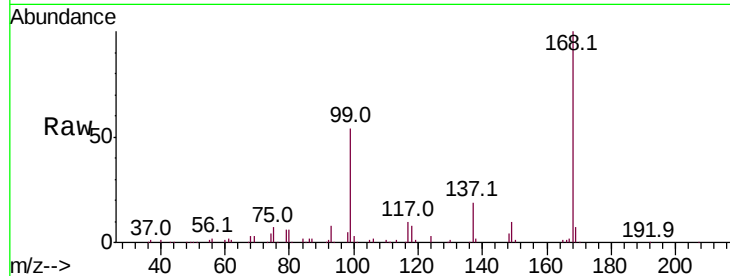
FJ-BH-03-4-5

Tot Ion:168 Resp: 275906

Ion Ratio Lower Upper

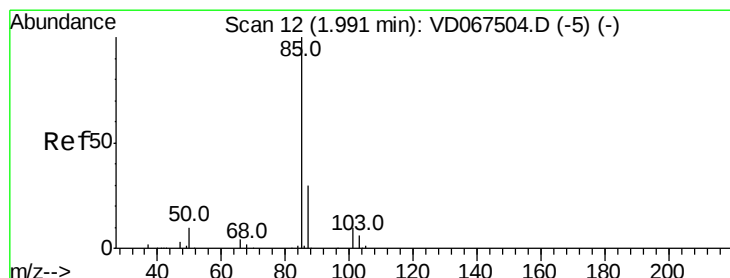
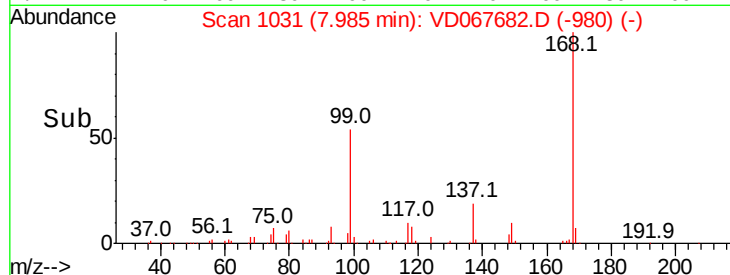
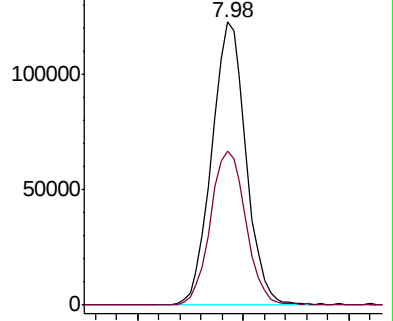
168 100

99 54.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067682.D

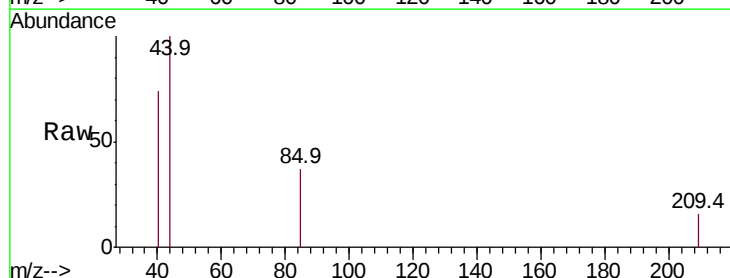
Acq: 18 Nov 2020 13:36

Tgt Ion: 85 Resp: 417

Ion Ratio Lower Upper

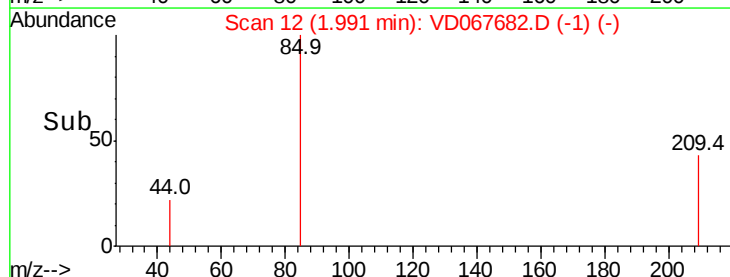
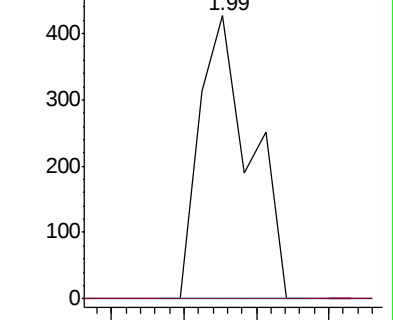
85 100

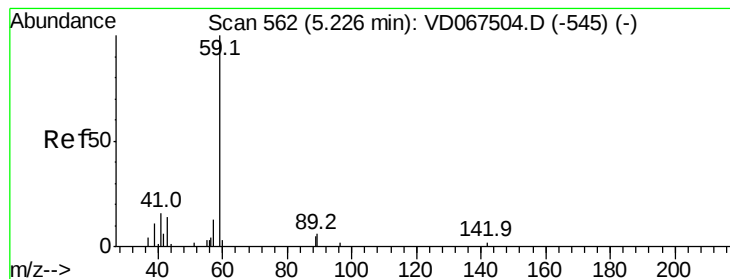
87 0.0 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC



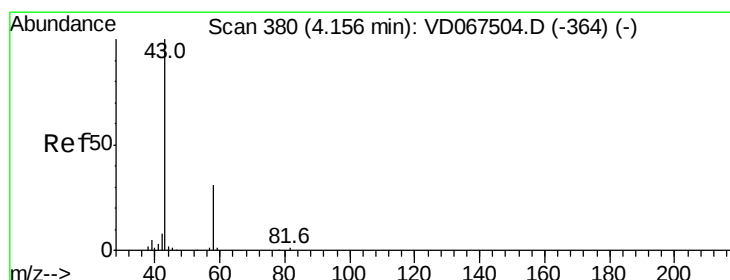
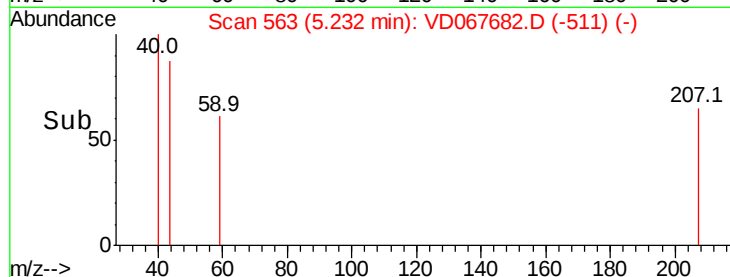
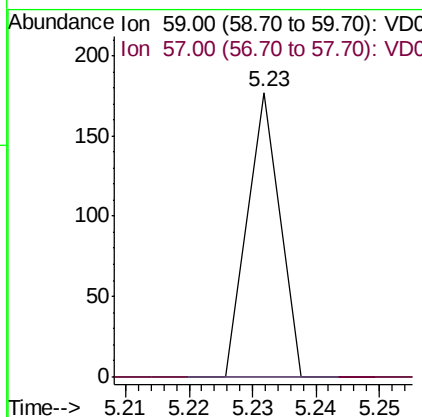
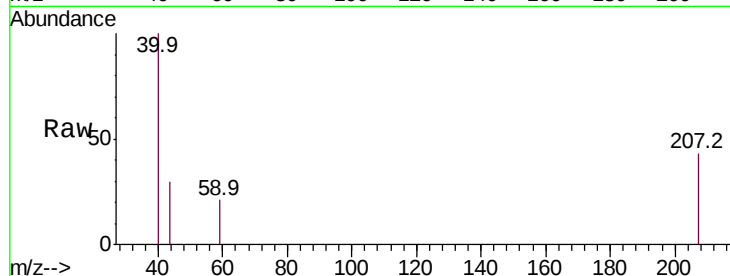


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VD067682.D
 Acq: 18 Nov 2020 13:36

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-4-5

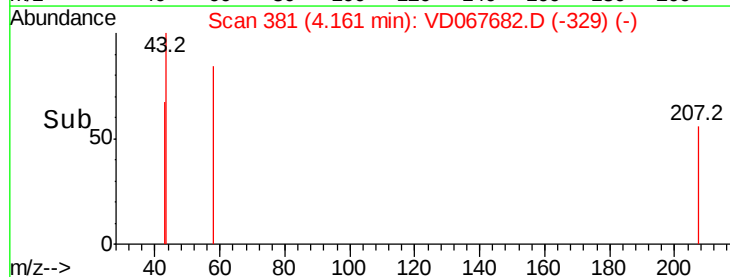
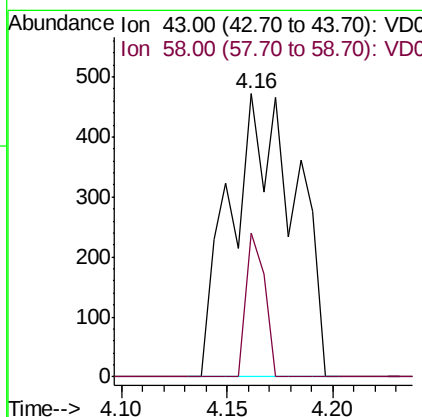
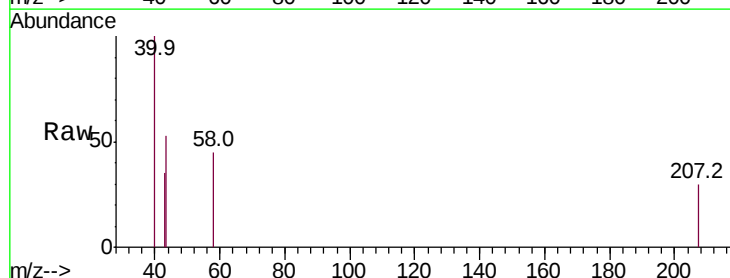
Tot Ion: 59 Resp: 62
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.9 8.9#

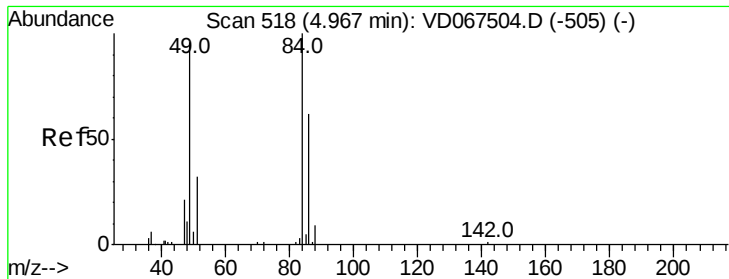


#16

Acetone
 Concen: 2.823 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD067682.D
 Acq: 18 Nov 2020 13:36

Tgt Ion: 43 Resp: 1019
 Ion Ratio Lower Upper
 43 100
 58 50.6 25.2 37.8#





#20

Methylene Chloride

Concen: 4.619 ug/l

RT: 4.98 min Scan# 521

Delta R.T. 0.02 min

Lab File: VD067682.D

Acq: 18 Nov 2020 13:36

Instrument :

MSVOA_D

ClientSampled :

FJ-BH-03-4-5

Tot Ion: 84 Resp: 11779

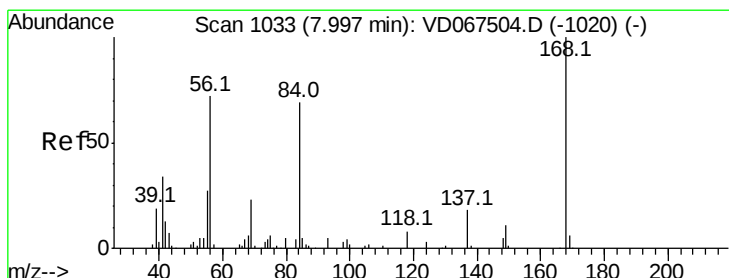
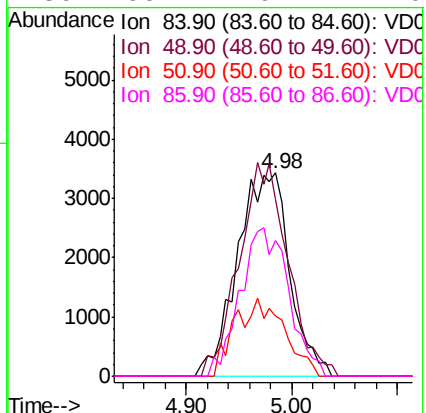
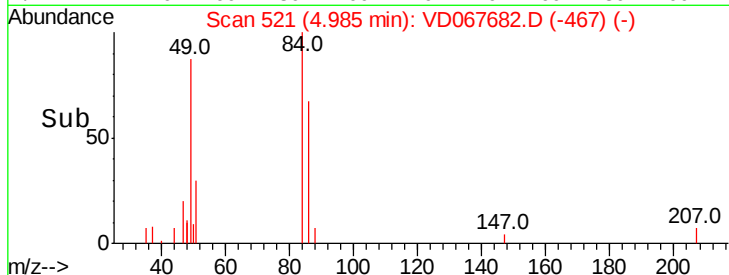
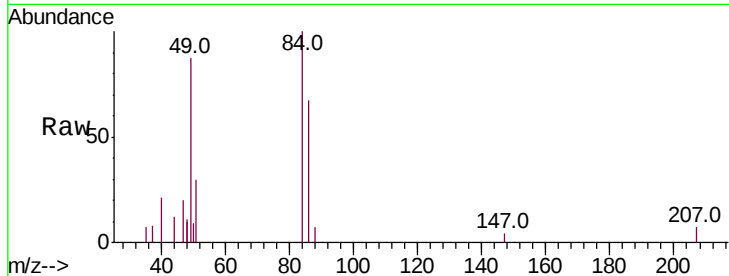
Ion Ratio Lower Upper

84 100

49 86.7 77.0 115.4

51 29.8 25.4 38.2

86 66.7 49.4 74.0



#31

Cyclohexane

Concen: 1.487 ug/l

RT: 8.00 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VD067682.D

Acq: 18 Nov 2020 13:36

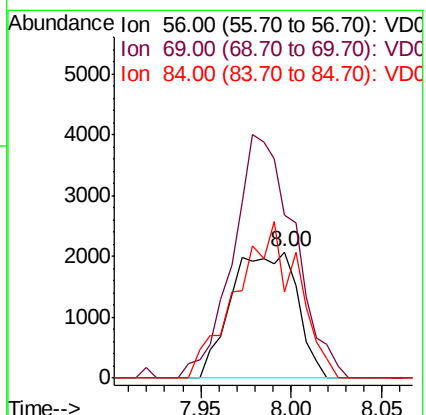
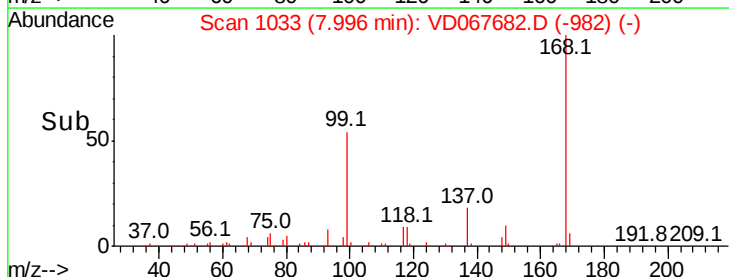
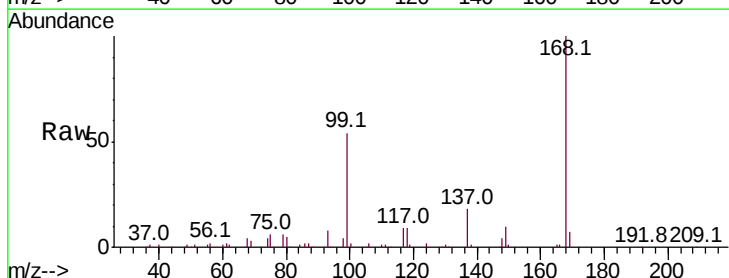
Tgt Ion: 56 Resp: 5203

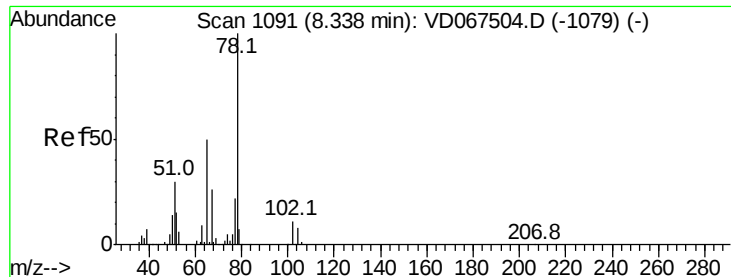
Ion Ratio Lower Upper

56 100

69 119.4 25.9 38.9#

84 68.0 76.2 114.4#





#33

1,2-Dichloroethane-d4

Concen: 50.079 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067682.D

Acq: 18 Nov 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

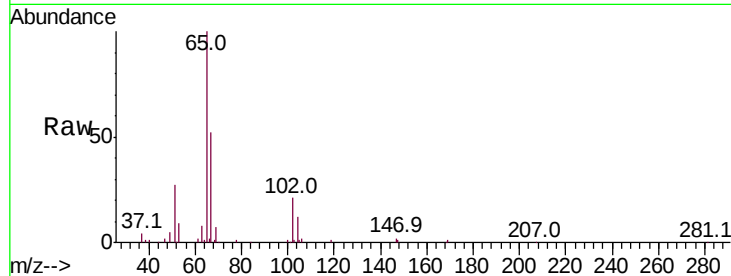
FJ-BH-03-4-5

Tot Ion: 65 Resp: 120816

Ion Ratio Lower Upper

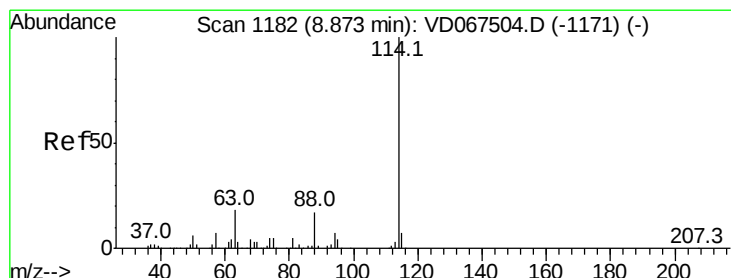
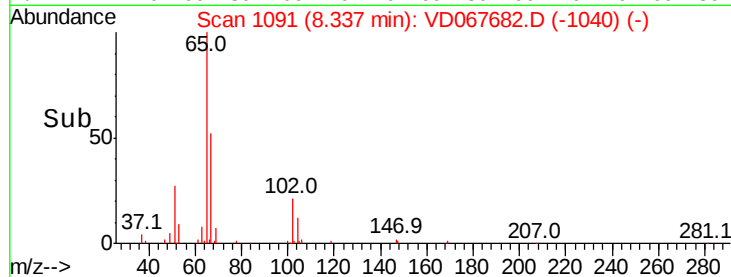
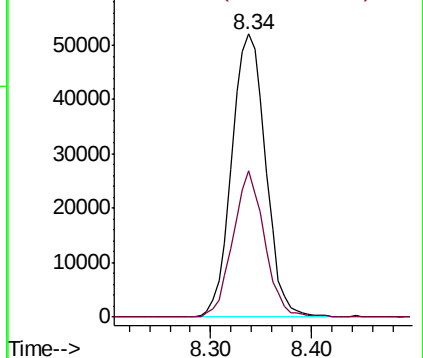
65 100

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# 1182

Delta R.T. -0.00 min

Lab File: VD067682.D

Acq: 18 Nov 2020 13:36

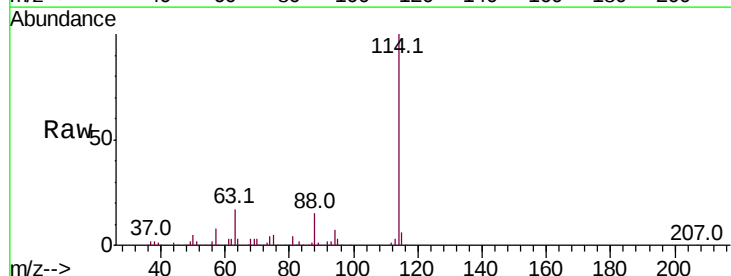
Tgt Ion: 114 Resp: 435721

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

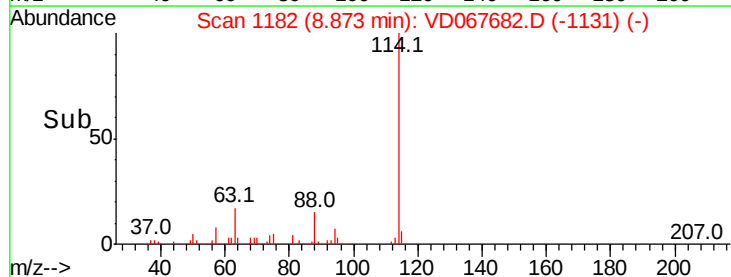
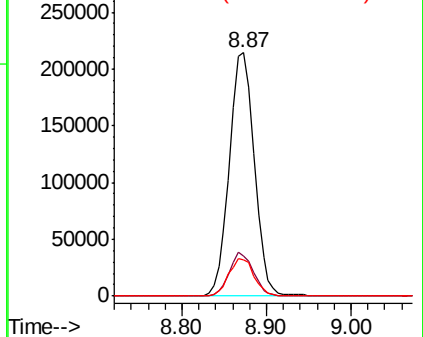
88 15.0 0.0 33.0

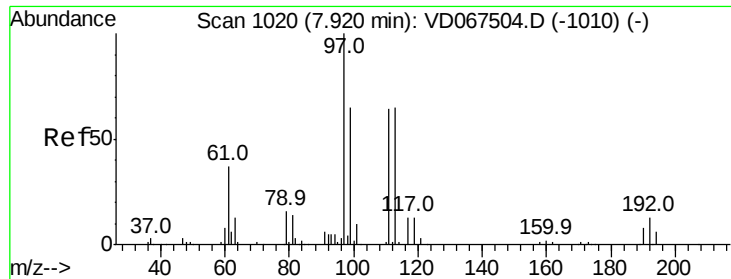


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

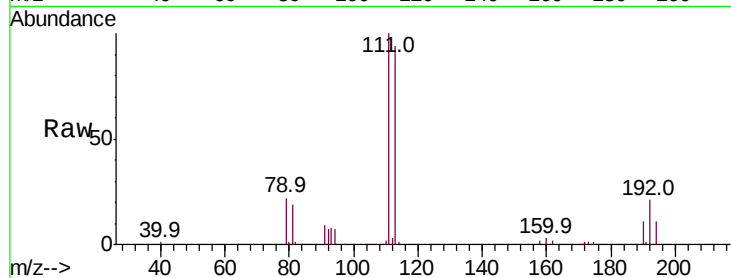




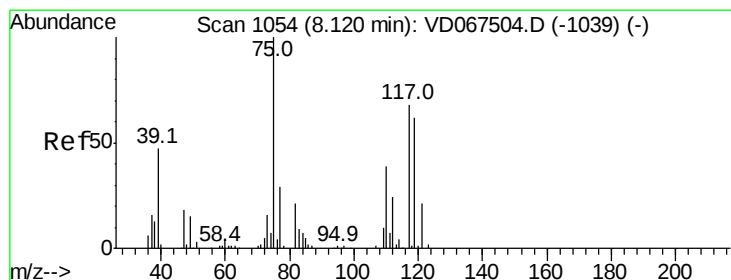
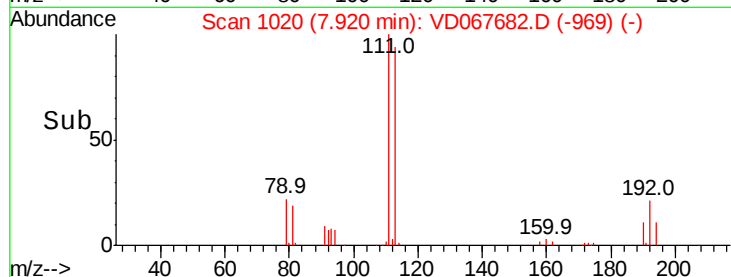
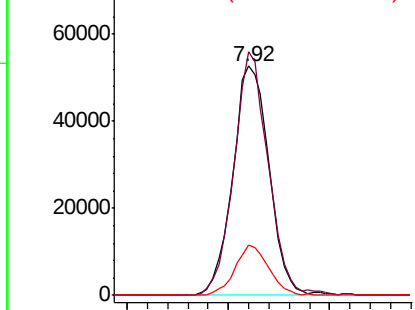
#35
 Dibromofluoromethane
 Concen: 50.102 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067682.D
 Acq: 18 Nov 2020 13:36

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-03-4-5

Tot Ion:113 Resp: 131529
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.0 120.0
 192 20.4 16.3 24.5

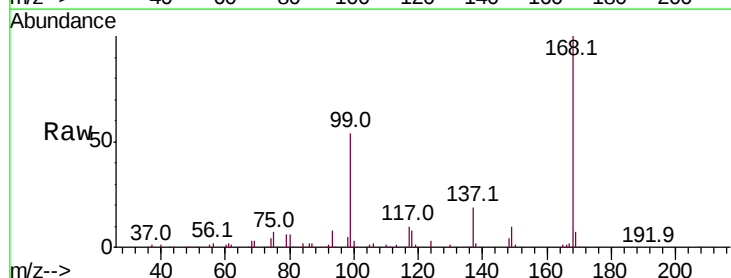


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

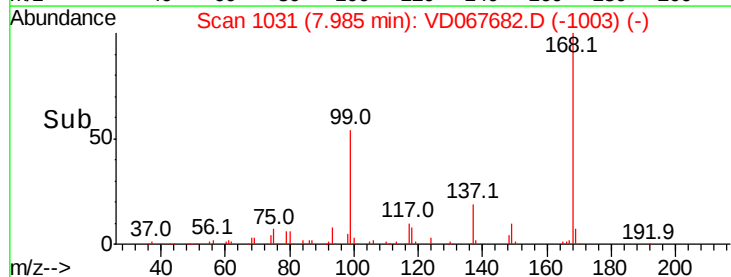
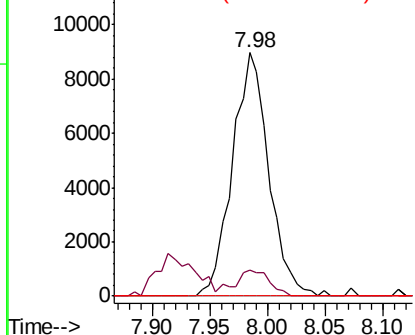


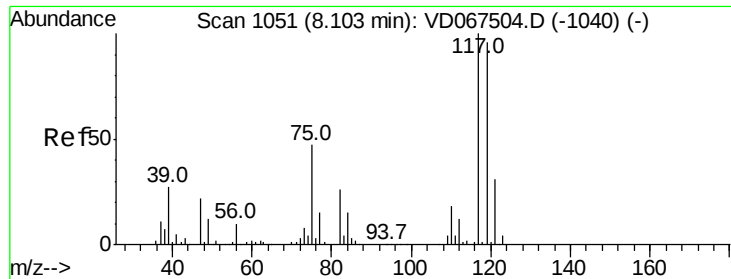
#36
 1,1-Dichloropropene
 Concen: 5.254 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067682.D
 Acq: 18 Nov 2020 13:36

Tgt Ion: 75 Resp: 19595
 Ion Ratio Lower Upper
 75 100
 110 8.8 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

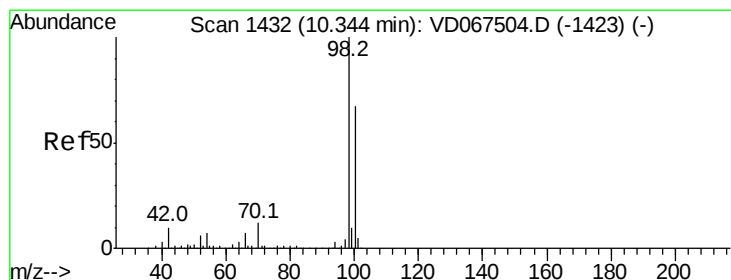
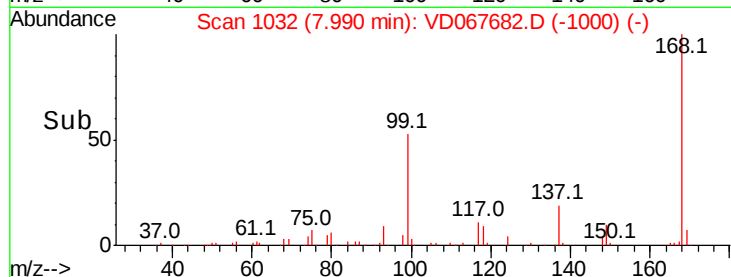
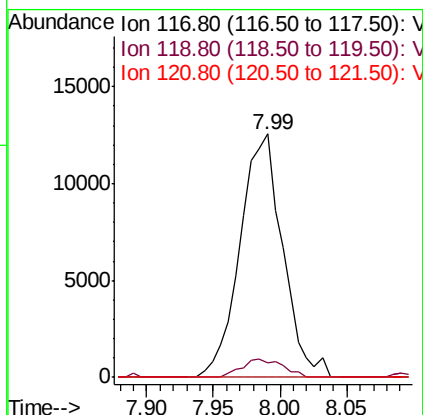
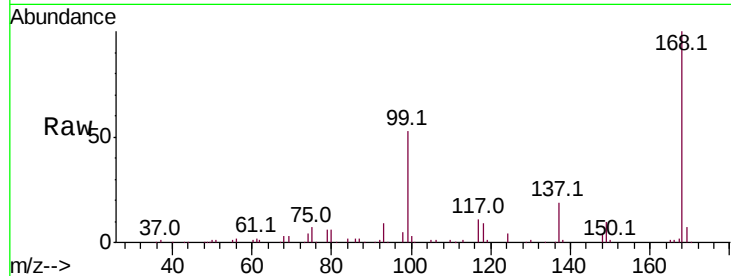




#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD067682.D
Acq: 18 Nov 2020 13:36

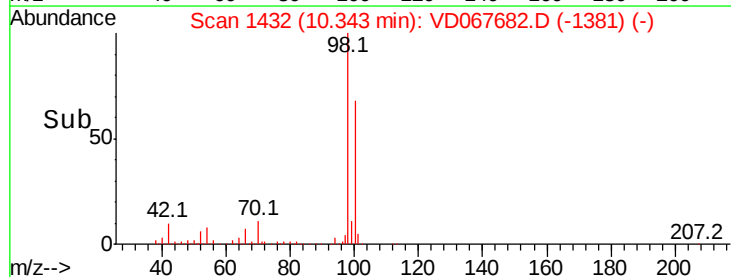
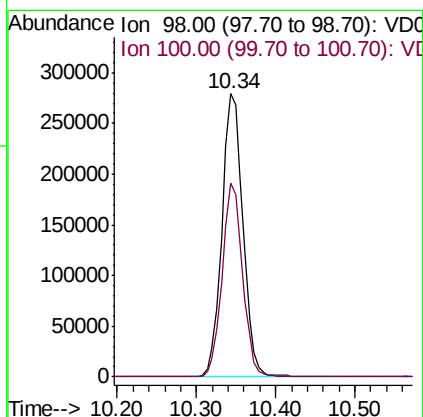
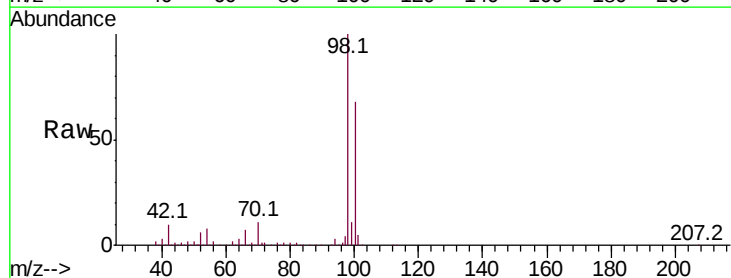
Instrument :
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FJ-BH-03-4-5

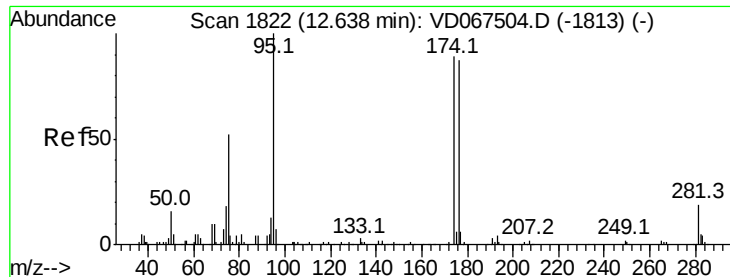
Tot Ion:117 Resp: 27800
Ion Ratio Lower Upper
117 100
119 5.9 76.9 115.3#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 55.389 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067682.D
Acq: 18 Nov 2020 13:36

Tgt Ion: 98 Resp: 510997
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 62.075 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067682.D

Acq: 18 Nov 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-03-4-5

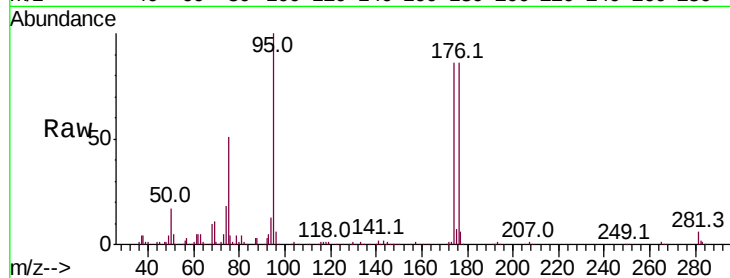
Tot Ion: 95 Resp: 197715

Ion Ratio Lower Upper

95 100

174 91.3 0.0 177.8

176 86.1 0.0 172.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

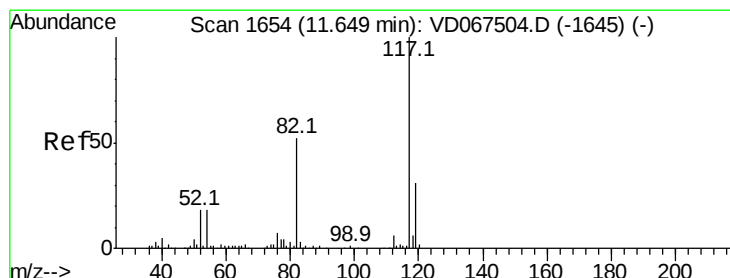
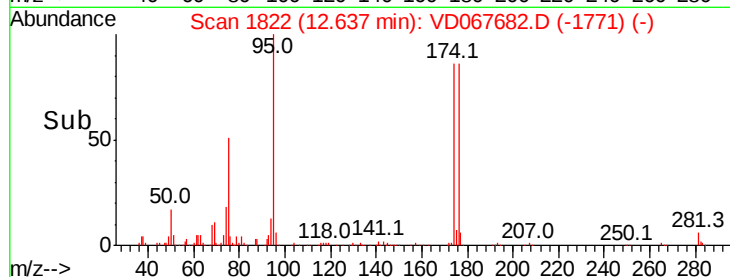
12.64

100000

50000

0

Time--> 12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD067682.D

Acq: 18 Nov 2020 13:36

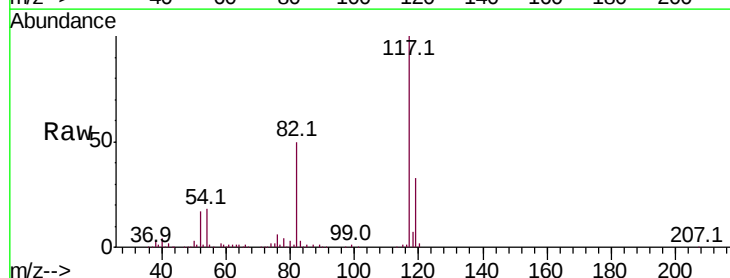
Tgt Ion: 117 Resp: 454673

Ion Ratio Lower Upper

117 100

82 50.5 41.6 62.4

119 32.7 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

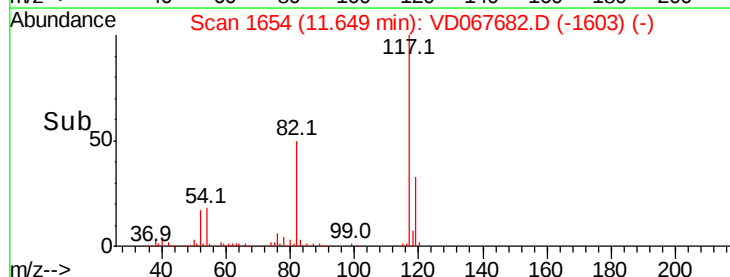
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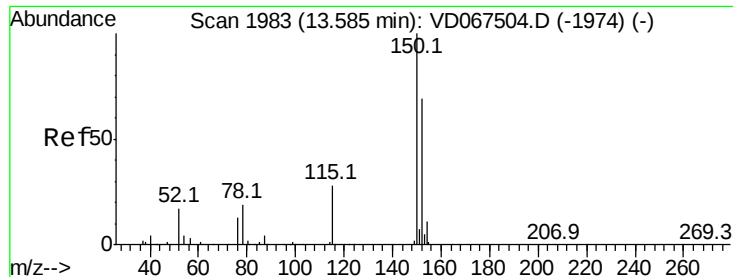
200000

100000

0

Time--> 11.60 11.70





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD067682.D

Acq: 18 Nov 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-03-4-5

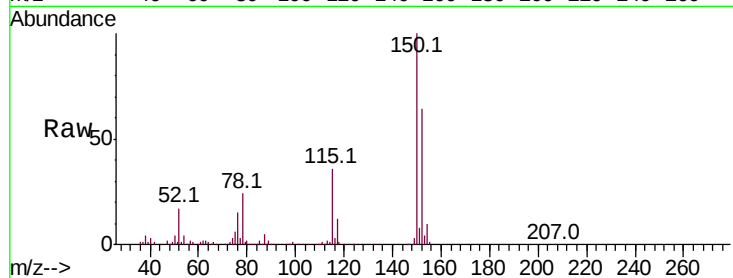
Tot Ion:152 Resp: 235507

Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

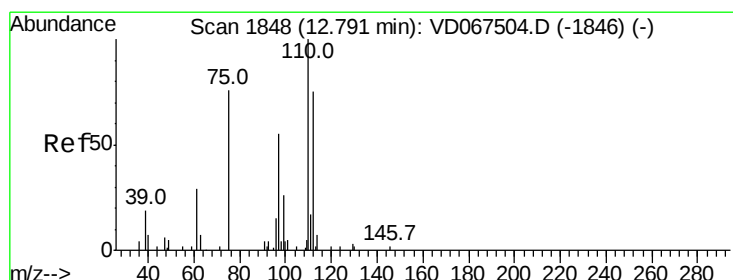
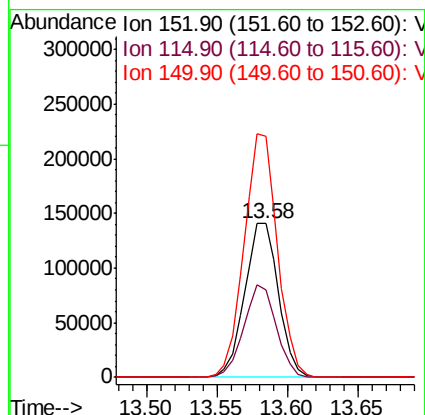
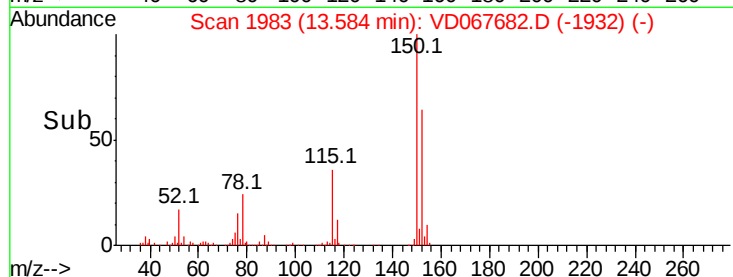
150 156.1 0.0 338.2



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: 73.020 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067682.D

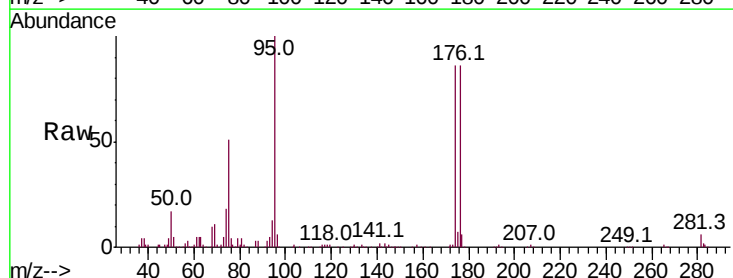
Acq: 18 Nov 2020 13:36

Tgt Ion: 75 Resp: 103741

Ion Ratio Lower Upper

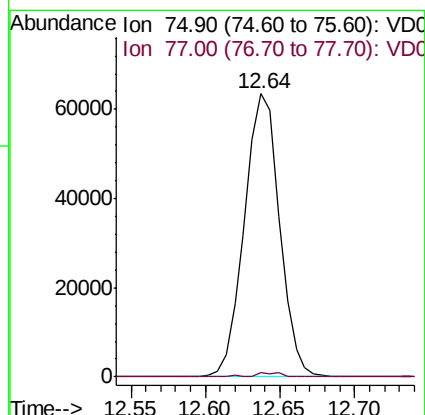
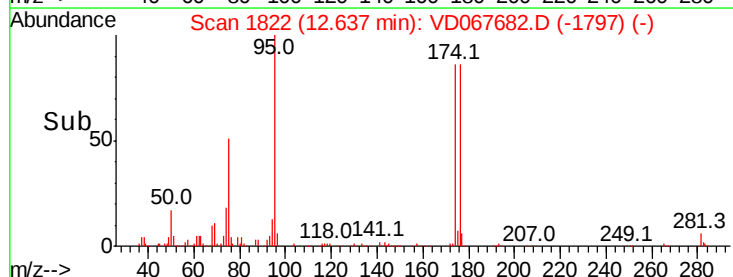
75 100

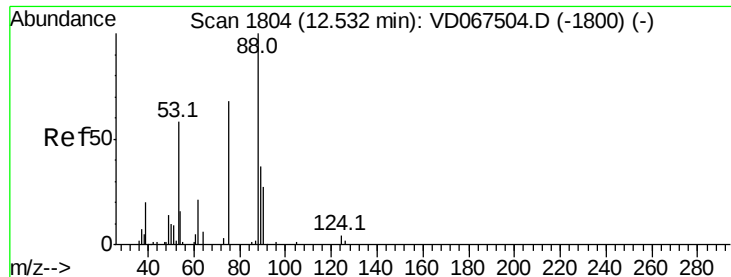
77 1.2 0.0 0.0#



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: 148.251 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067682.D

Acq: 18 Nov 2020 13:36

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-03-4-5

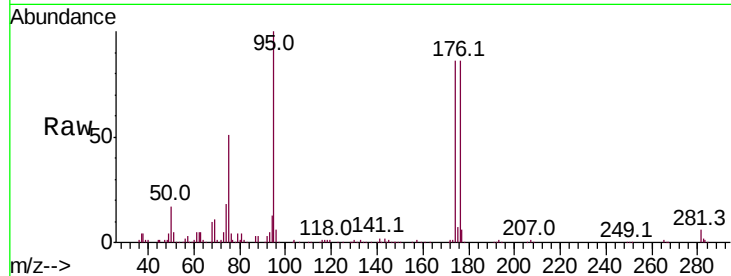
Tot Ion: 75 Resp: 103741

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

