

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067671.D
 Acq On : 17 Nov 2020 19:09
 Operator : VA/SY
 Sample : L4770-10
 Misc : 5.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-02-2-3

Quant Time: Nov 18 00:00:07 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	7.98	168	260730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	420775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	450290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	224949	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	126690	55.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.14%	
35) Dibromofluoromethane	7.92	113	134079	52.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.78%	
50) Toluene-d8	10.34	98	508548	57.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.16%	
62) 4-Bromofluorobenzene	12.64	95	194656	63.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	126.58%	

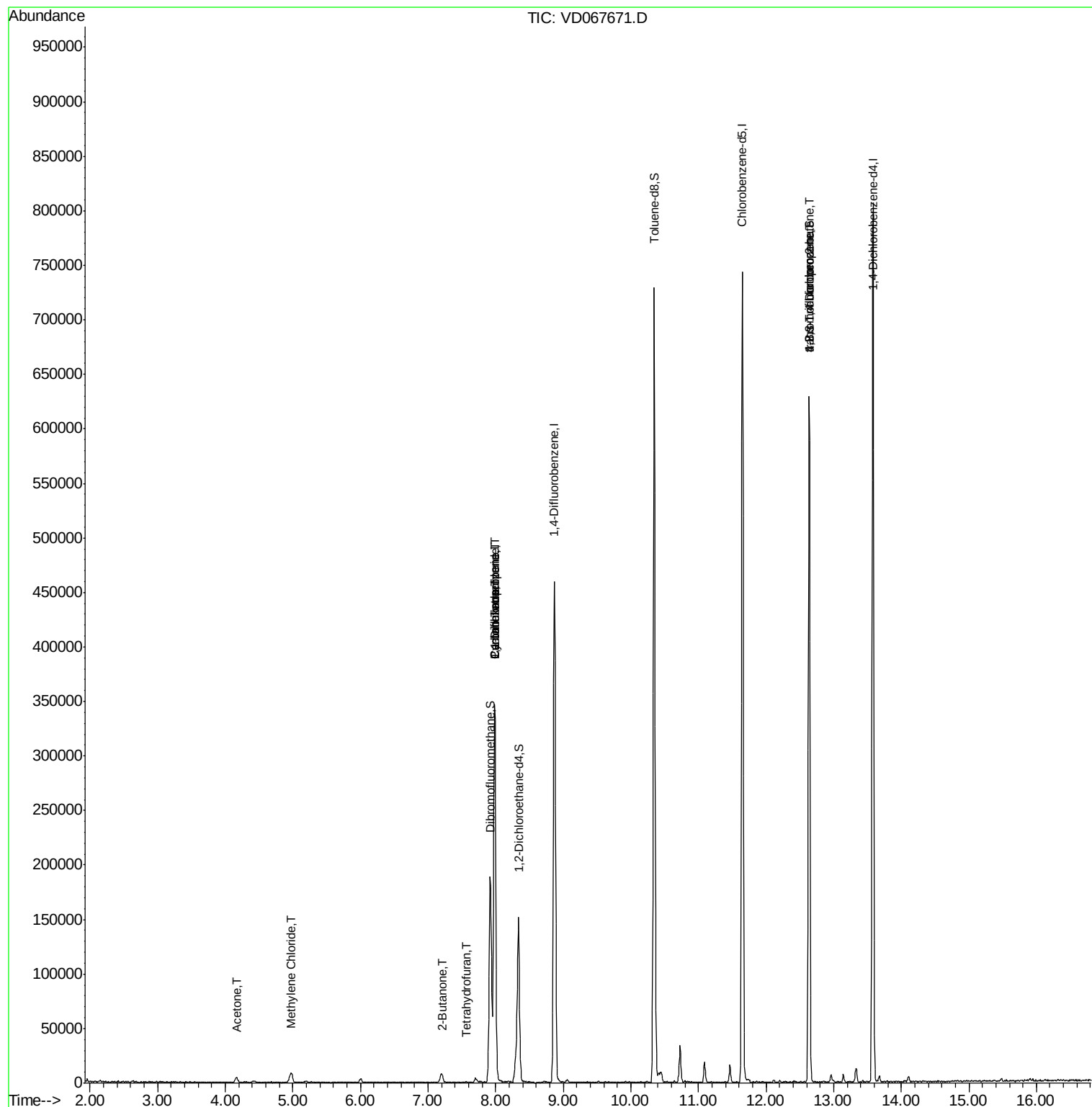
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	1231	Below Cal	#	79
16) Acetone	4.16	43	8356	24.493	ug/l	98
20) Methylene Chloride	4.97	84	8161	3.386	ug/l #	79
25) 2-Butanone	7.21	43	394	1.081	ug/l #	42
29) Tetrahydrofuran	7.58	42	297	1.360	ug/l #	23
31) Cyclohexane	7.98	56	5813	1.758	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	17560	4.875	ug/l #	51
38) Carbon Tetrachloride	7.99	117	26260	5.611	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	103976	76.621	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	103976	155.561	ug/l #	10

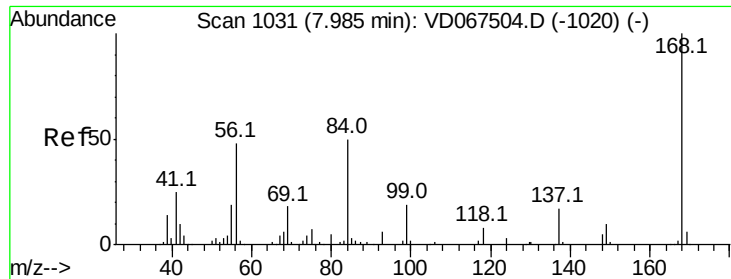
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111720\
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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: VD067671.D

Acq: 17 Nov 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

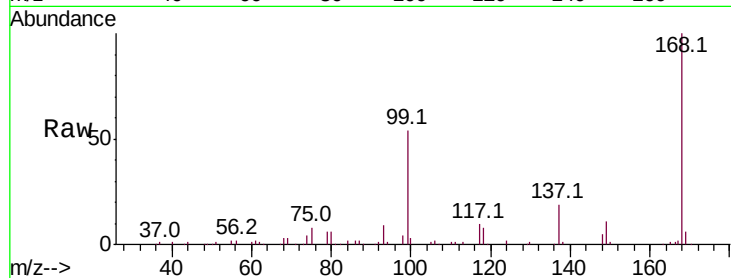
FJ-BH-02-2-3

Tot Ion:168 Resp: 260730

Ion Ratio Lower Upper

168 100

99 54.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

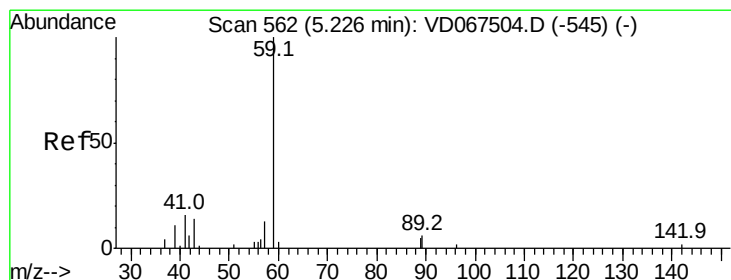
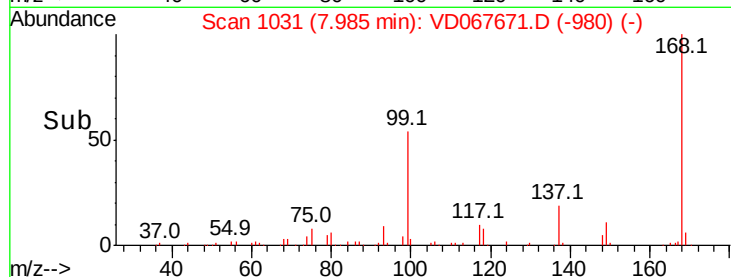
7.98

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 556

Delta R.T. -0.04 min

Lab File: VD067671.D

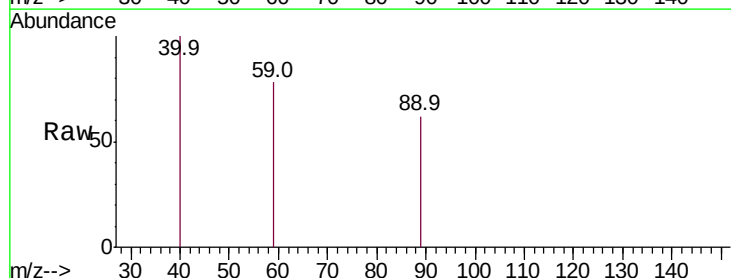
Acq: 17 Nov 2020 19:09

Tgt Ion: 59 Resp: 1231

Ion Ratio Lower Upper

59 100

57 0.0 5.9 8.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.19

500

400

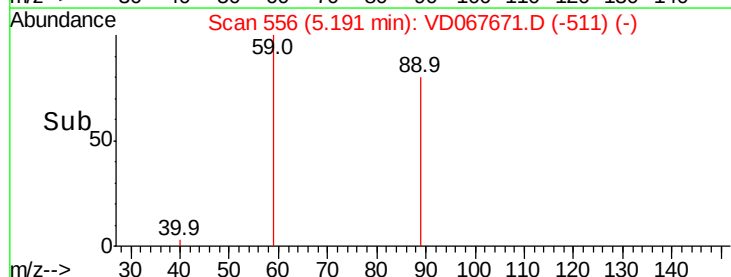
300

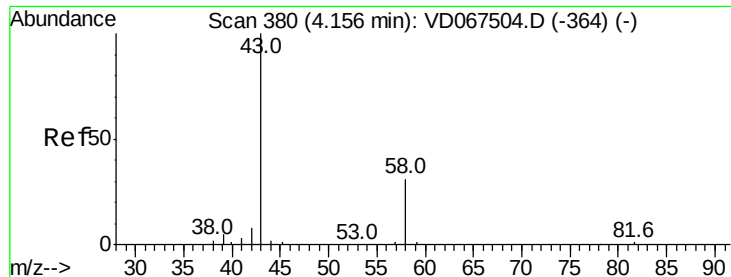
200

100

0

Time-->





#16

Acetone

Concen: 24.493 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067671.D

Acq: 17 Nov 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

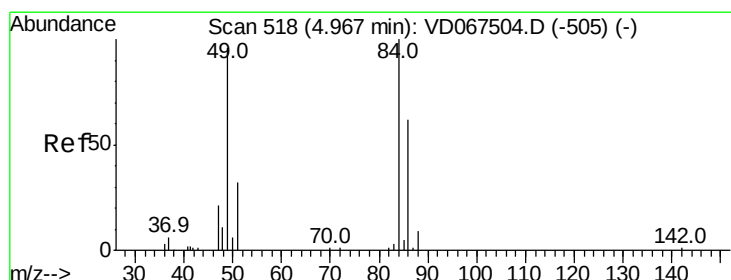
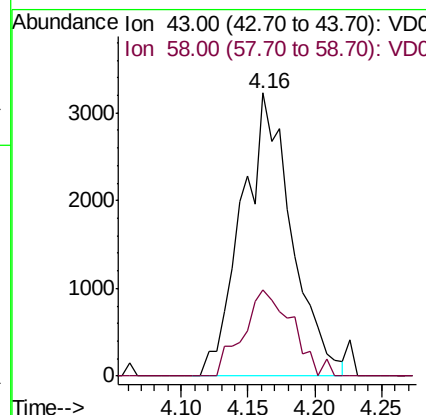
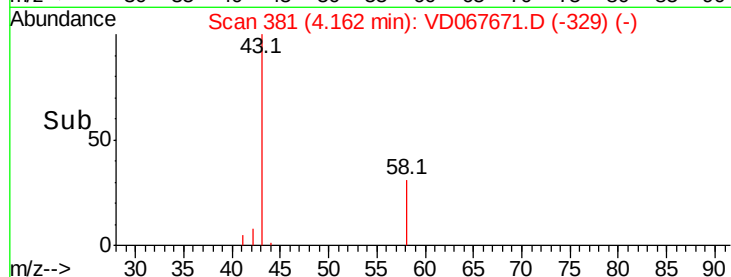
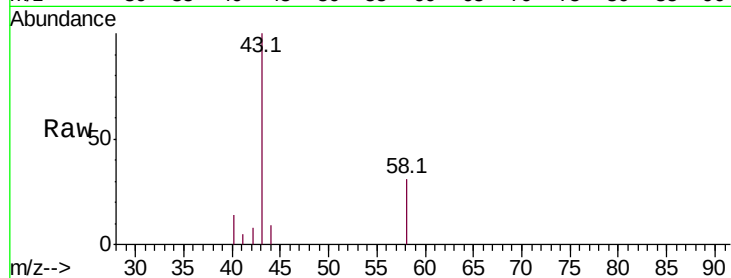
FJ-BH-02-2-3

Tot Ion: 43 Resp: 8356

Ion Ratio Lower Upper

43 100

58 30.6 25.2 37.8



#20

Methylene Chloride

Concen: 3.386 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067671.D

Acq: 17 Nov 2020 19:09

Tgt Ion: 84 Resp: 8161

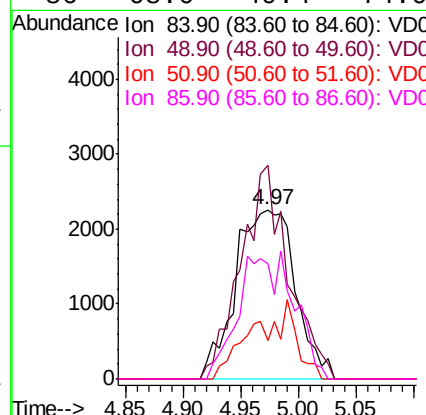
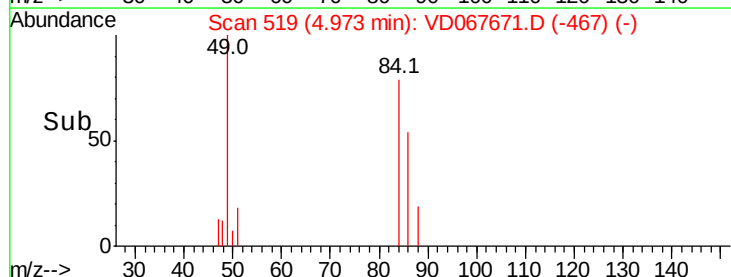
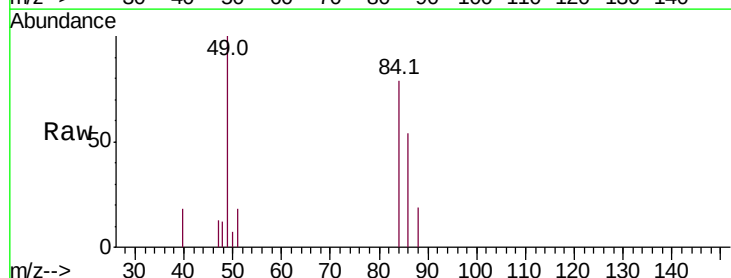
Ion Ratio Lower Upper

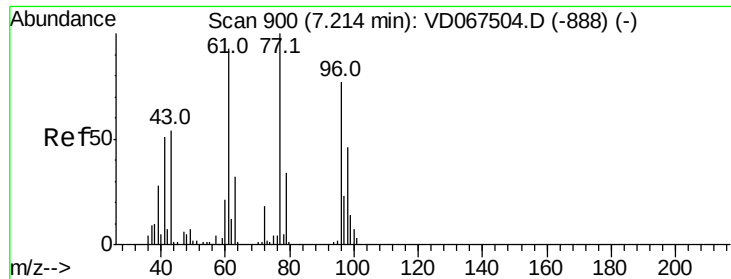
84 100

49 126.1 77.0 115.4#

51 22.8 25.4 38.2#

86 68.0 49.4 74.0





#25

2-Butanone

Concen: 1.081 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067671.D

Acq: 17 Nov 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

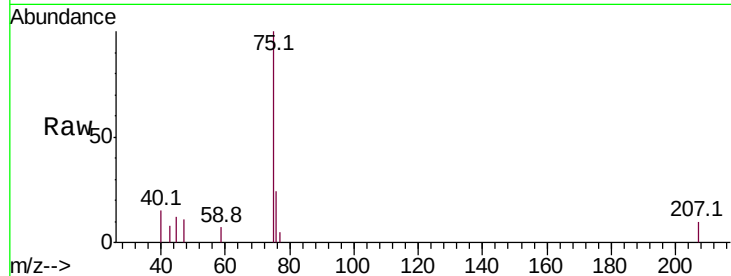
FJ-BH-02-2-3

Tot Ion: 43 Resp: 394

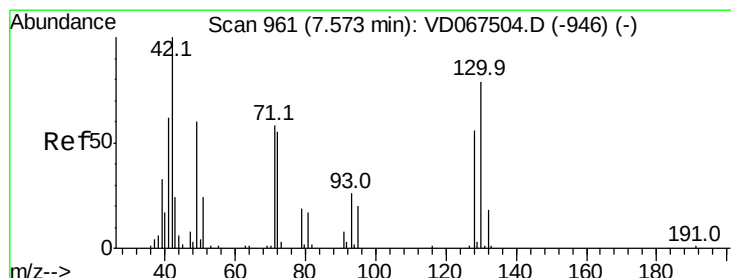
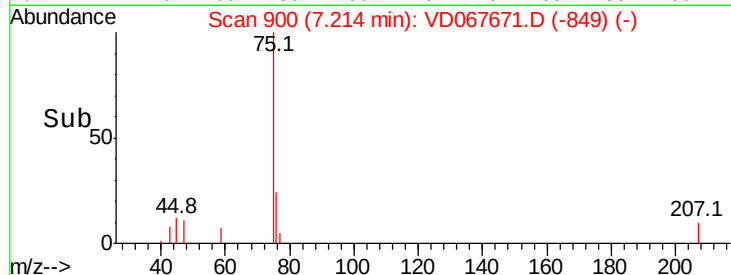
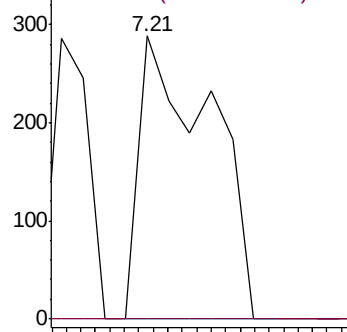
Ion Ratio Lower Upper

43 100

72 0.0 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC



#29

Tetrahydrofuran

Concen: 1.360 ug/l

RT: 7.58 min Scan# 962

Delta R.T. 0.01 min

Lab File: VD067671.D

Acq: 17 Nov 2020 19:09

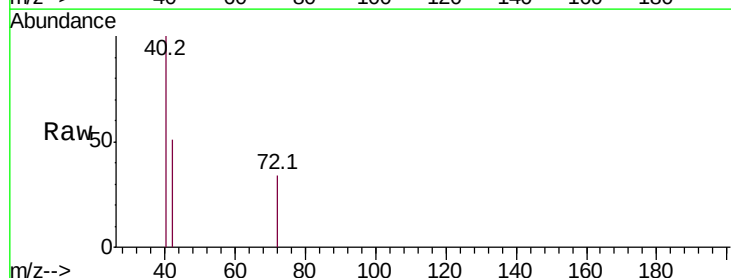
Tgt Ion: 42 Resp: 297

Ion Ratio Lower Upper

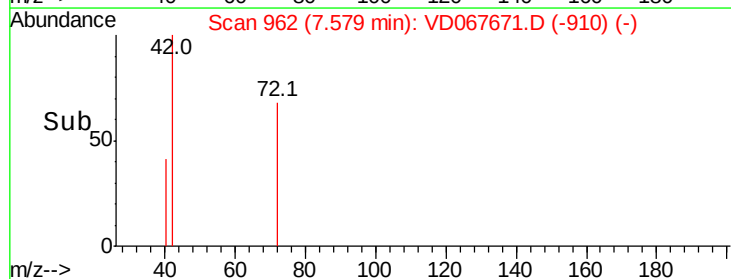
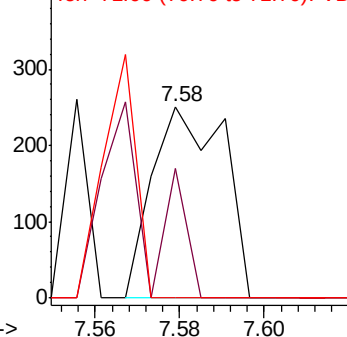
42 100

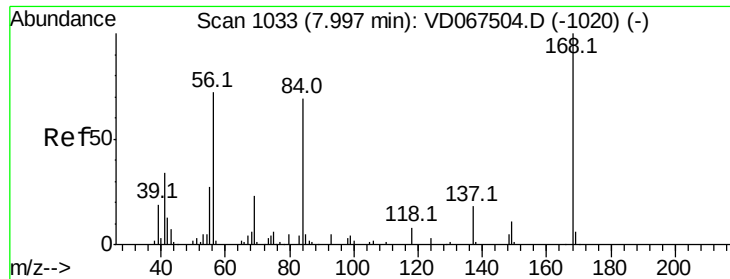
72 0.0 46.3 69.5#

71 0.0 44.0 66.0#



Abundance Ion 42.00 (41.70 to 42.70): VDC

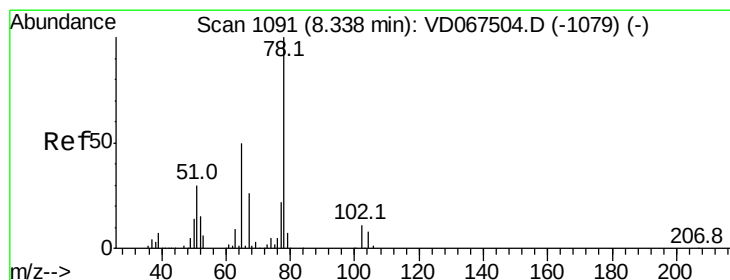
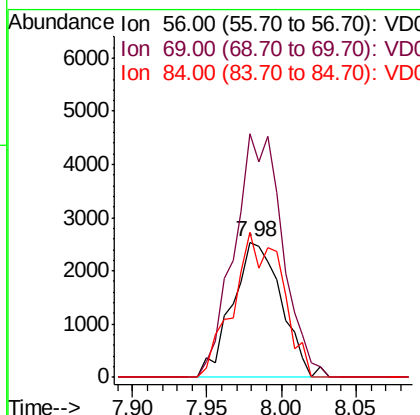
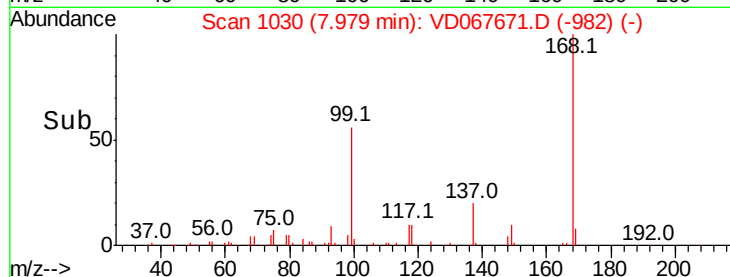
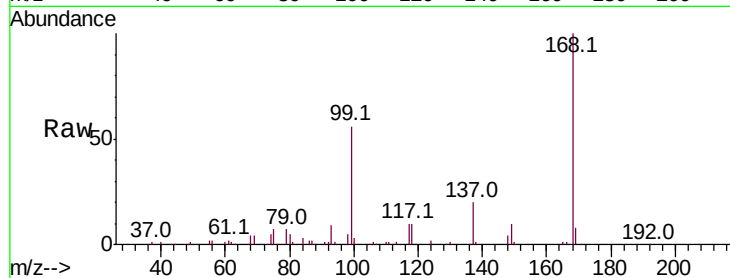




#31
Cyclohexane
Concen: 1.758 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VD067671.D
Acq: 17 Nov 2020 19:09

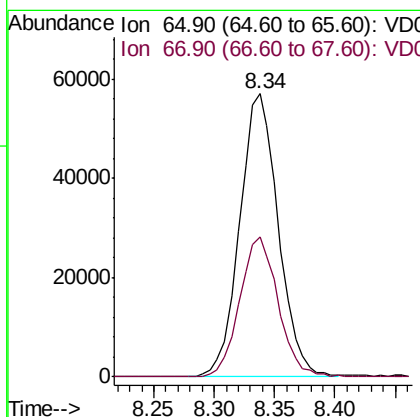
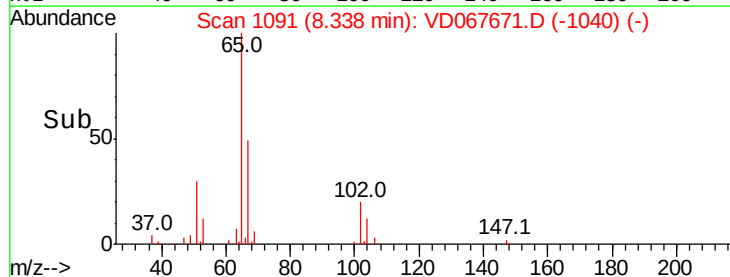
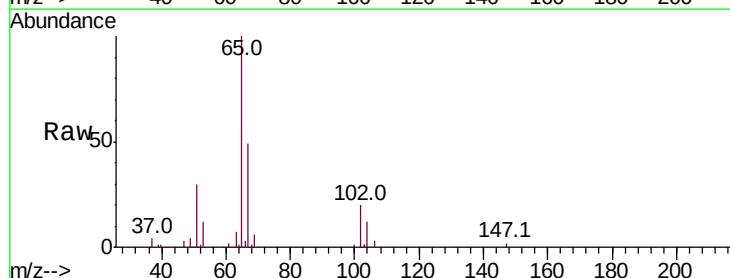
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-02-2-3

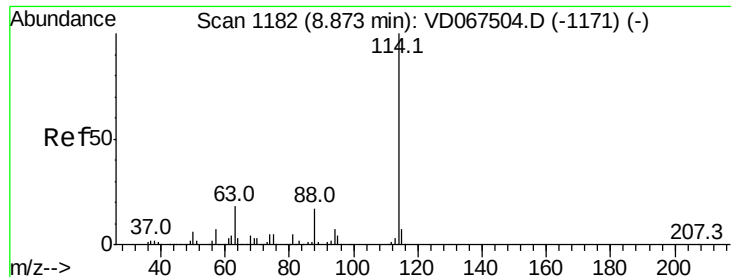
Tot Ion: 56 Resp: 5813
Ion Ratio Lower Upper
56 100
69 180.4 25.9 38.9#
84 107.6 76.2 114.4



#33
1,2-Dichloroethane-d4
Concen: 55.571 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD067671.D
Acq: 17 Nov 2020 19:09

Tgt Ion: 65 Resp: 126690
Ion Ratio Lower Upper
65 100
67 49.4 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: VD067671.D

Acq: 17 Nov 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

FJ-BH-02-2-3

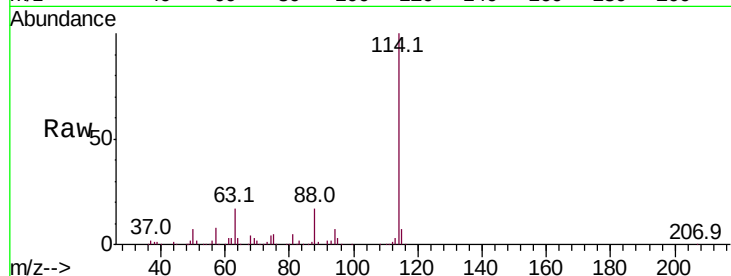
Tot Ion:114 Resp: 420775

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

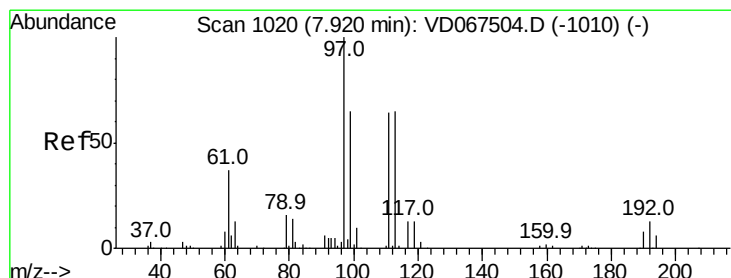
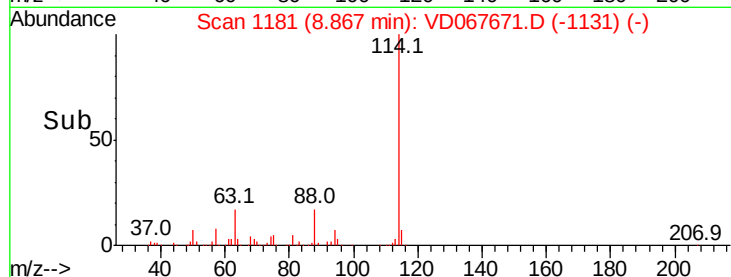
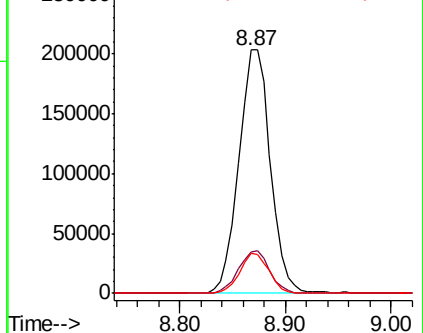
88 16.7 0.0 33.0



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: 52.888 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067671.D

Acq: 17 Nov 2020 19:09

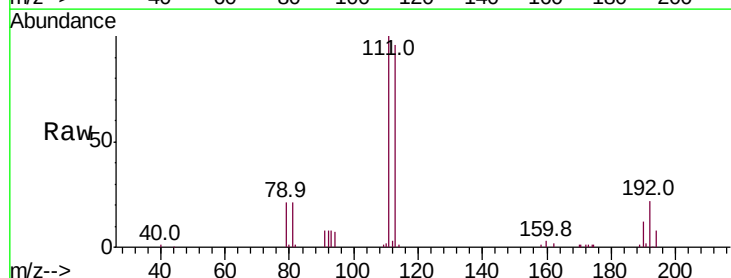
Tgt Ion:113 Resp: 134079

Ion Ratio Lower Upper

113 100

111 103.1 80.0 120.0

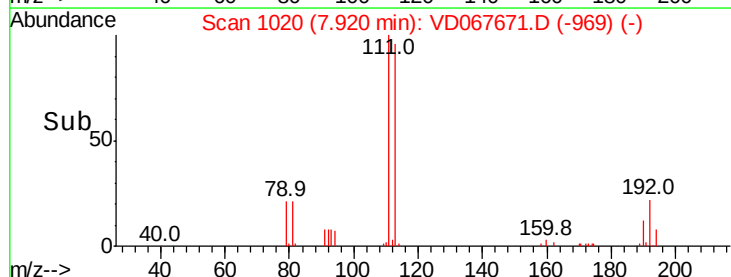
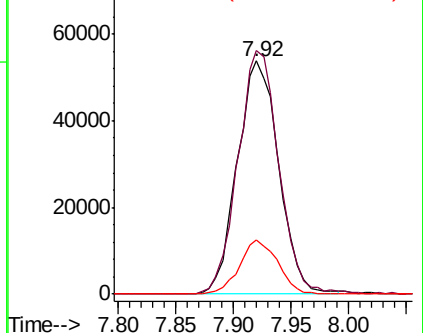
192 21.4 16.3 24.5

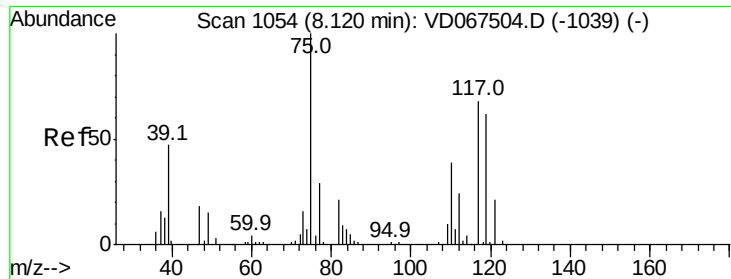


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

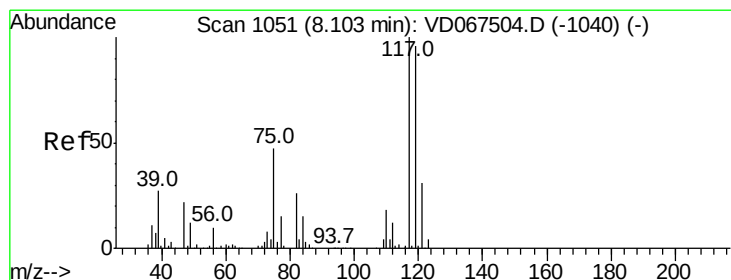
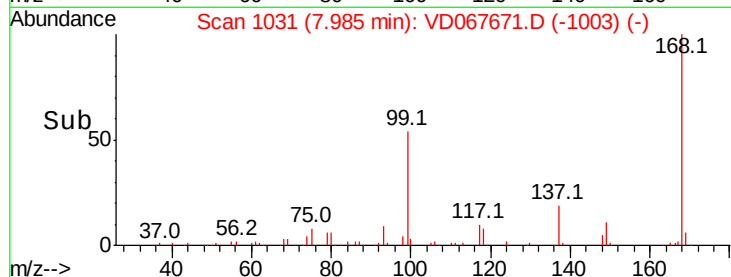
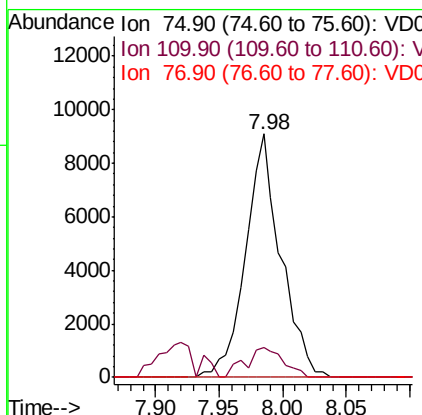
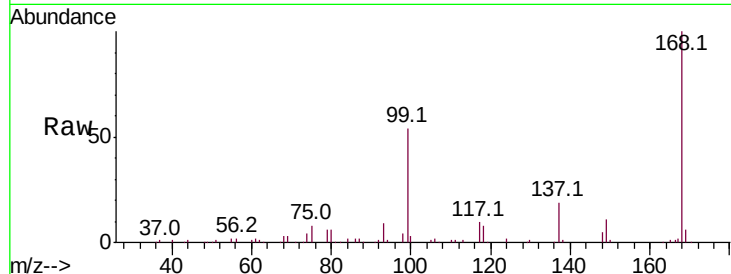




#36
 1,1-Dichloropropene
 Concen: 4.875 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.14 min
 Lab File: VD067671.D
 Acq: 17 Nov 2020 19:09

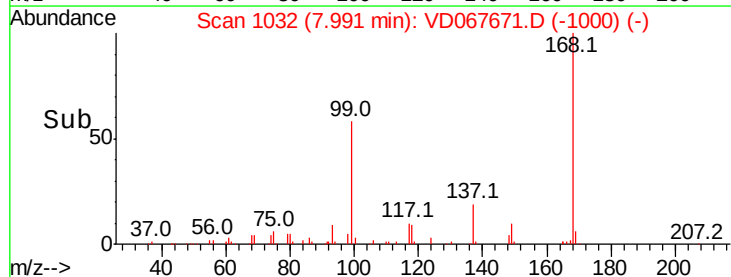
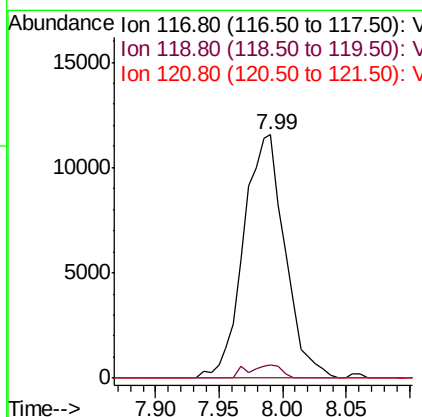
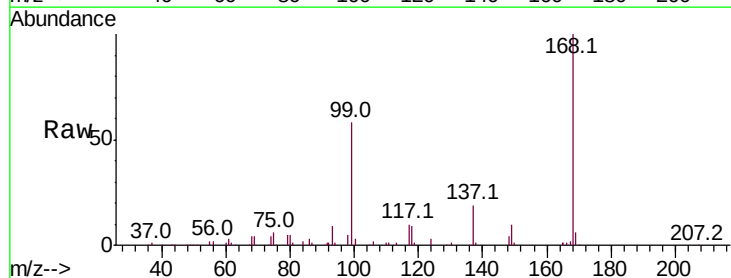
Instrument :
 MSVOA_D
 ClientSampleId :
 FJ-BH-02-2-3

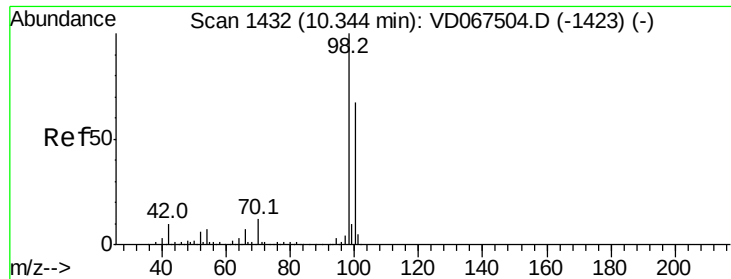
Tot Ion	75	Resp	17560
Ion Ratio	Lower	Upper	
75	100		
110	13.1	19.9	59.7#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.611 ug/l
 RT: 7.99 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VD067671.D
 Acq: 17 Nov 2020 19:09

Tgt Ion	117	Resp	26260
Ion Ratio	Lower	Upper	
117	100		
119	5.2	76.9	115.3#
121	0.0	24.5	36.7#

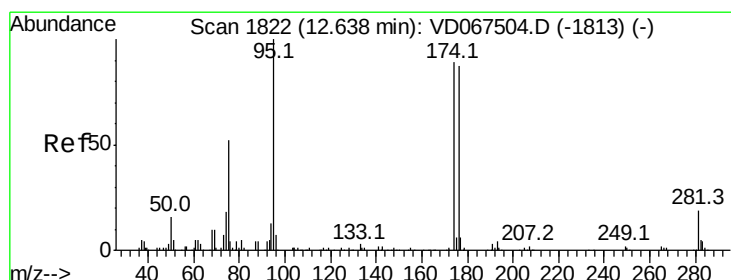
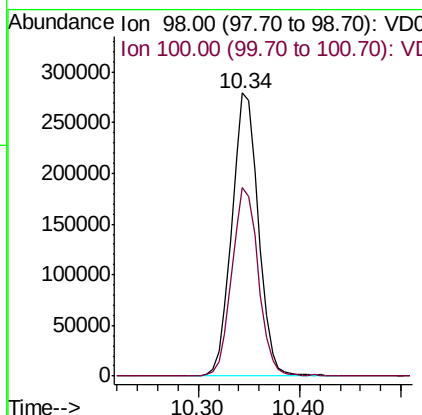
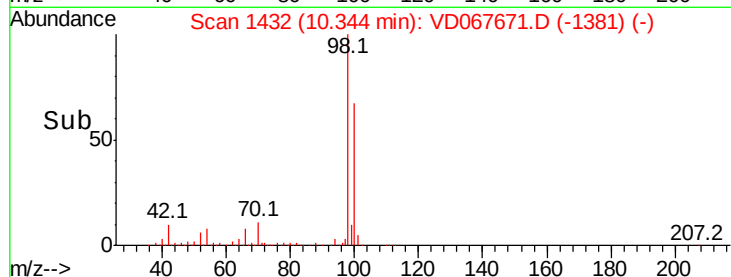
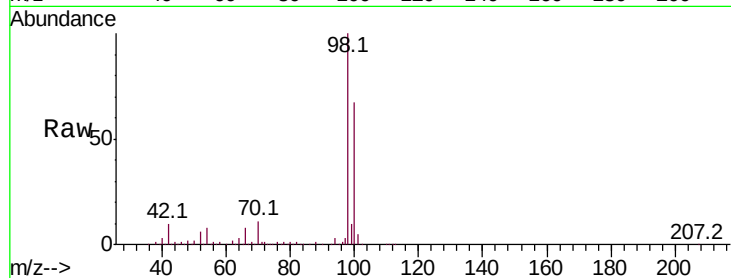




#50
Toluene-d8
Concen: 57.082 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067671.D
Acq: 17 Nov 2020 19:09

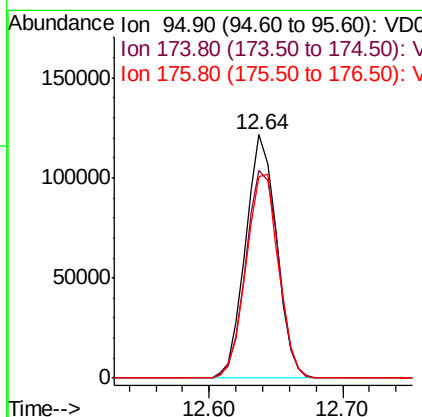
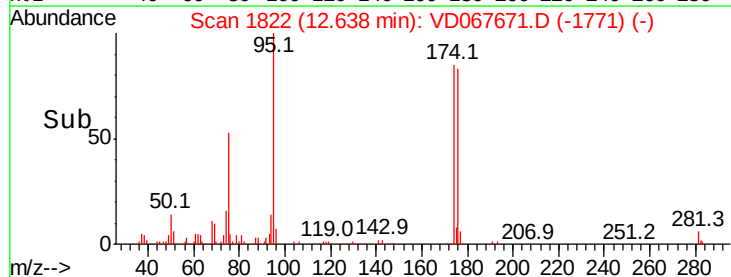
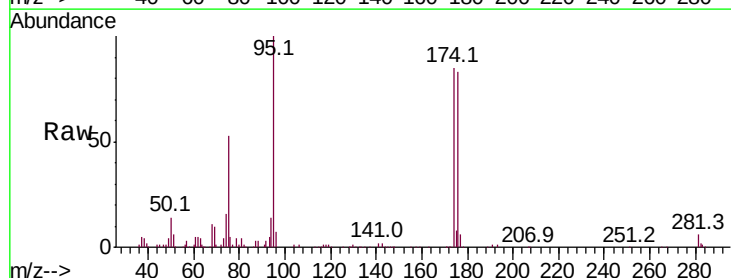
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-02-2-3

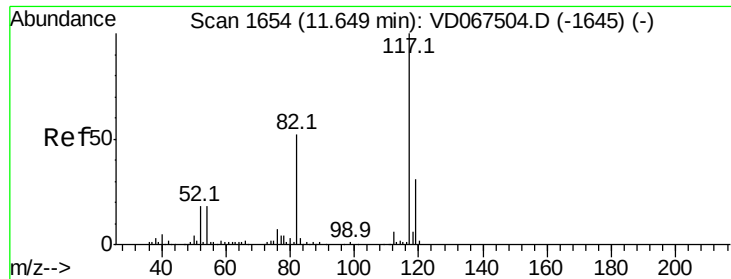
Tot Ion: 98 Resp: 508548
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 63.285 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067671.D
Acq: 17 Nov 2020 19:09

Tgt Ion: 95 Resp: 194656
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.8
176 87.7 0.0 172.0

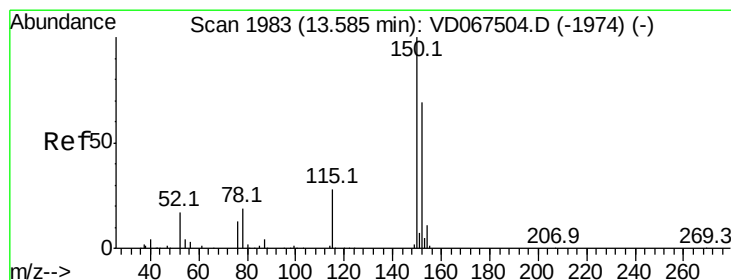
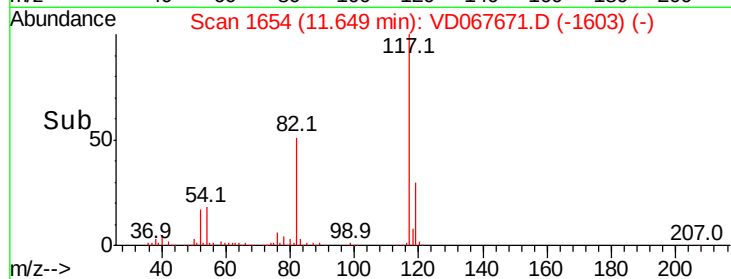
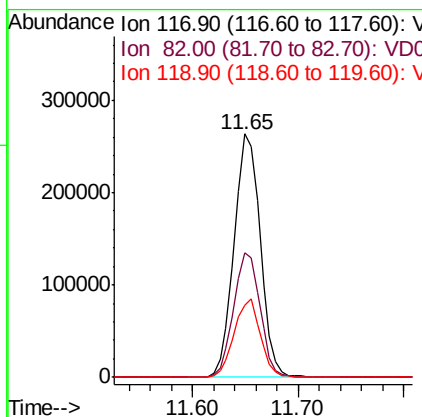
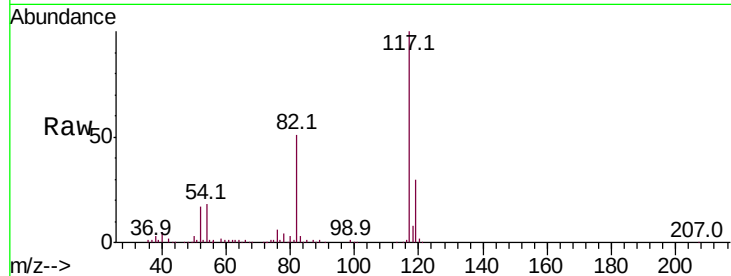




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067671.D
Acq: 17 Nov 2020 19:09

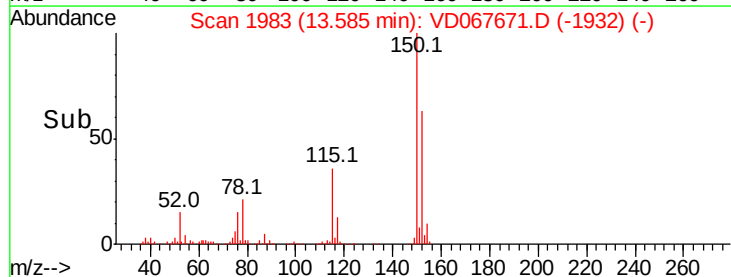
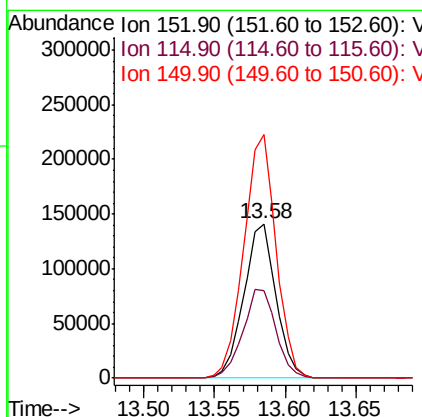
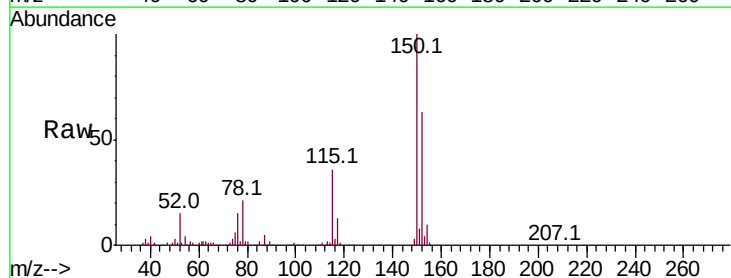
Instrument :
MSVOA_D
ClientSampleId :
FJ-BH-02-2-3

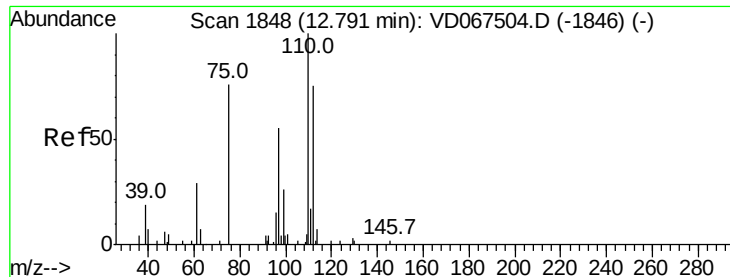
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.6	62.4
119	29.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD067671.D
Acq: 17 Nov 2020 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	88.0
150	158.2	0.0	338.2





#76

1,2,3-Trichloropropane

Concen: 76.621 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067671.D

Acq: 17 Nov 2020 19:09

Instrument :

MSVOA_D

ClientSampleId :

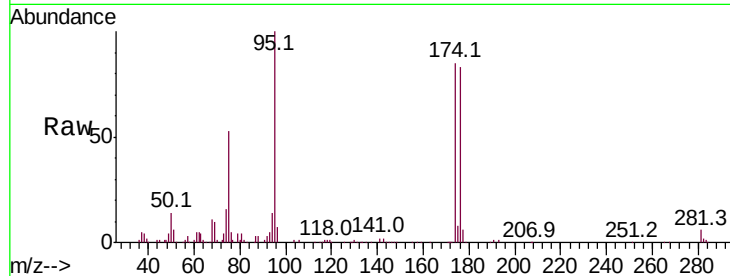
FJ-BH-02-2-3

Tot Ion: 75 Resp: 103976

Ion Ratio Lower Upper

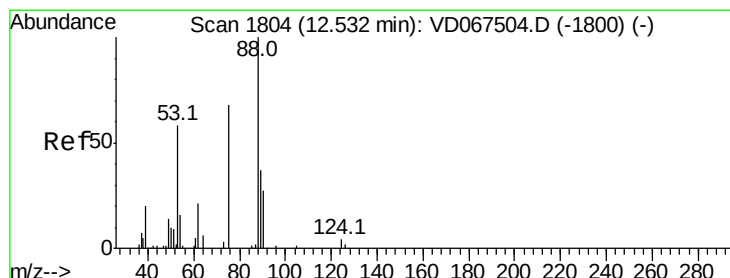
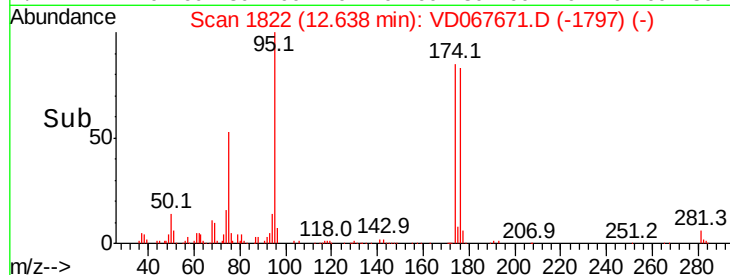
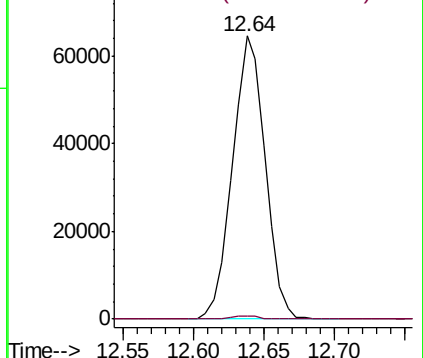
75 100

77 1.0 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: 155.561 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067671.D

Acq: 17 Nov 2020 19:09

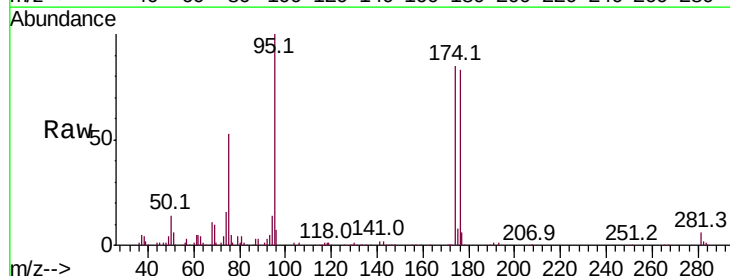
Tgt Ion: 75 Resp: 103976

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

