

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059412.D
 Acq On : 26 Nov 2019 17:20
 Operator : JC/SP
 Sample : K6010-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CALVSOIL1-20191121

Quant Time: Nov 27 07:48:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

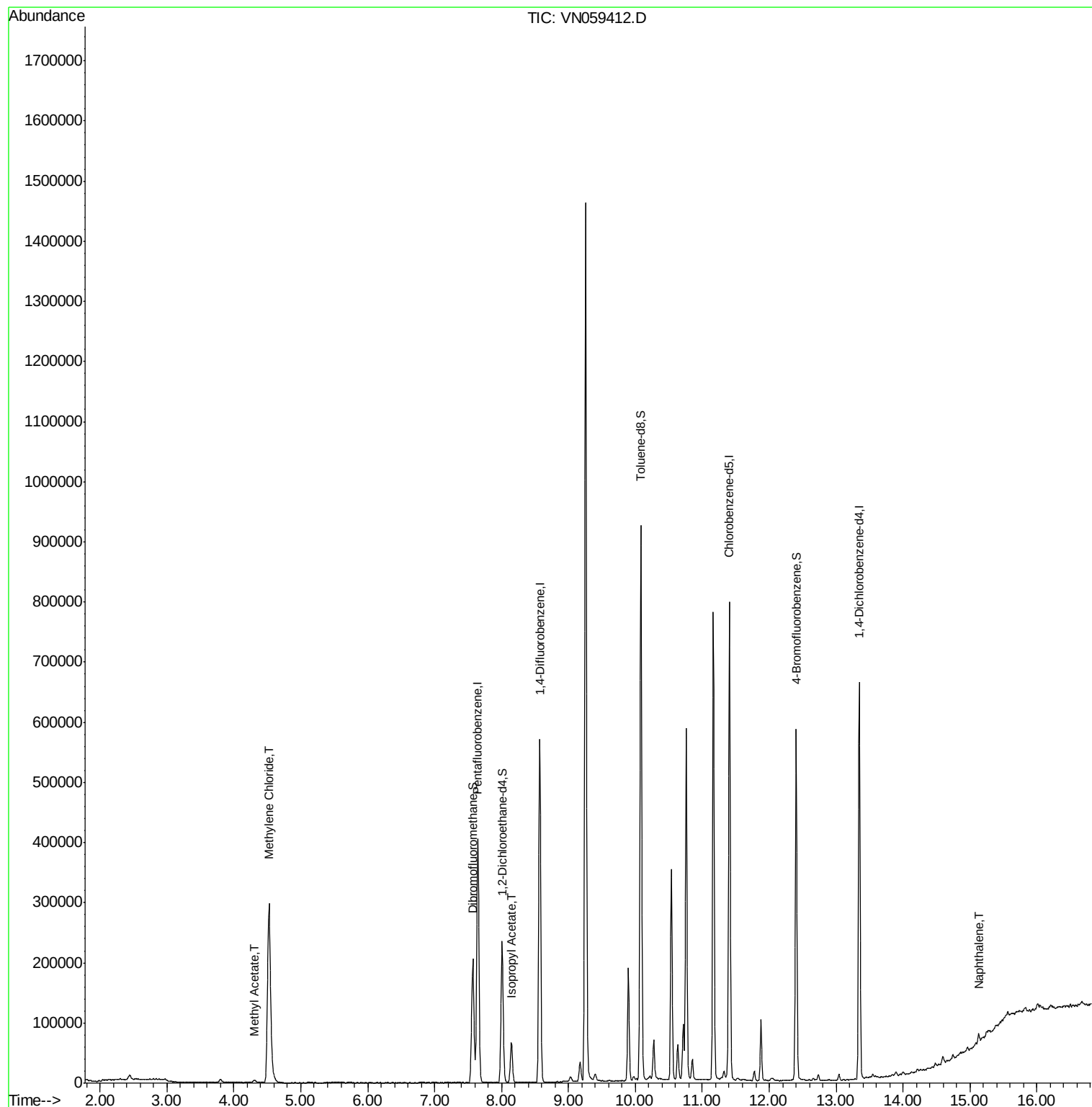
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	340268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	528215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	471158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	183354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	200631	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
35) Dibromofluoromethane	7.57	113	162240	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.08	98	648975	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.40	95	211026	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
18) Methyl Acetate	4.31	43	7267	1.196	ug/l	93
20) Methylene Chloride	4.52	84	245155	59.379	ug/l	98
43) Isopropyl Acetate	8.15	43	79182	8.841	ug/l #	92
95) Naphthalene	15.13	128	11186	4.137	ug/l	99

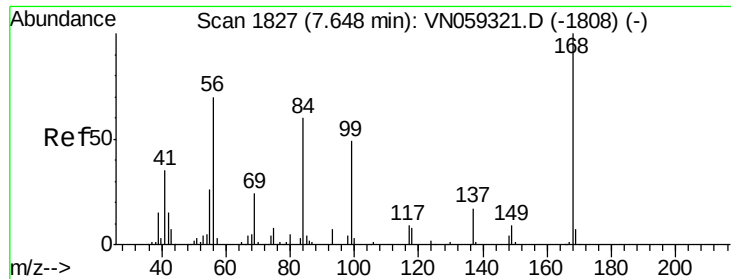
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112619\
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MSVOA_N
ClientSampleId :
CALVSOIL1-20191121

Quant Time: Nov 27 07:48:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059412.D

Acq: 26 Nov 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

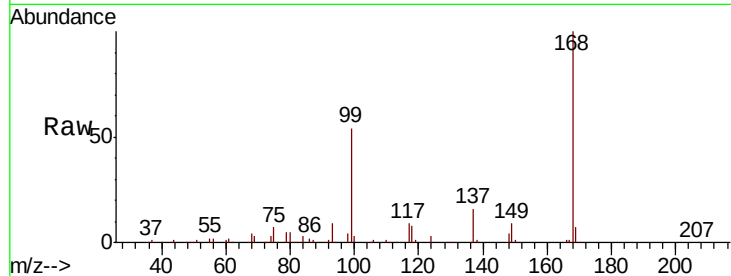
CALVSOIL1-20191121

Tot Ion:168 Resp: 340268

Ion Ratio Lower Upper

168 100

99 53.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059412.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059412.D (-1734) (-)

7.65

150000

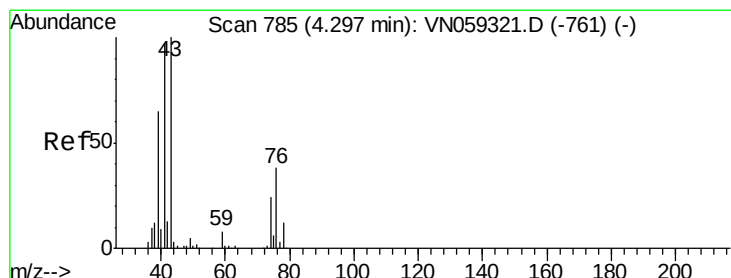
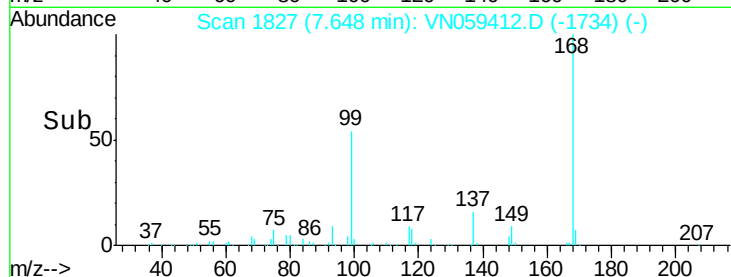
100000

50000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 1.196 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN059412.D

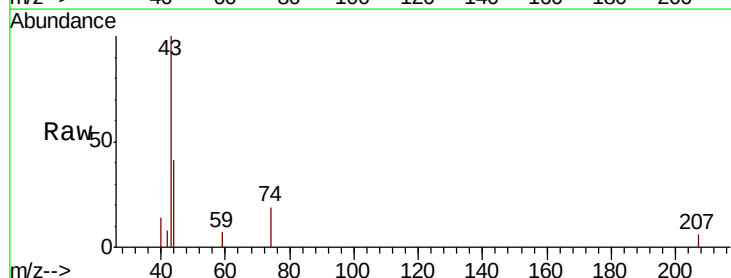
Acq: 26 Nov 2019 17:20

Tgt Ion: 43 Resp: 7267

Ion Ratio Lower Upper

43 100

74 19.3 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN059412.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN059412.D (-692) (-)

4.31

2500

2000

1500

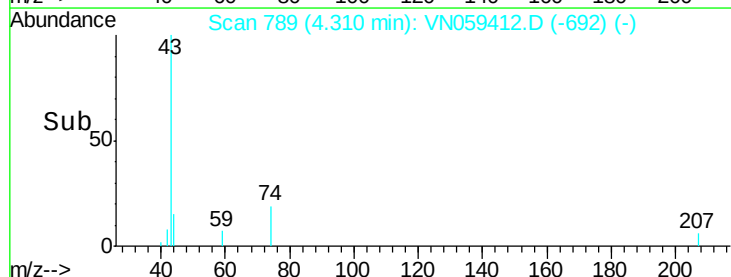
1000

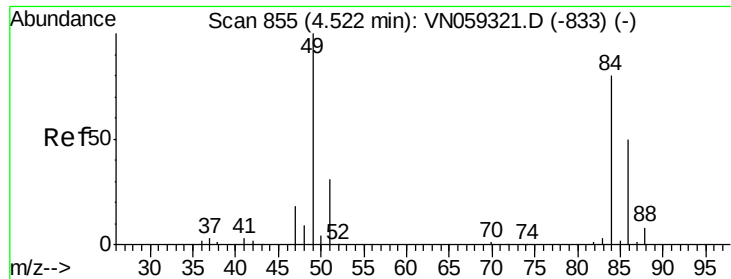
500

0

4.25 4.30 4.35 4.40

Time-->

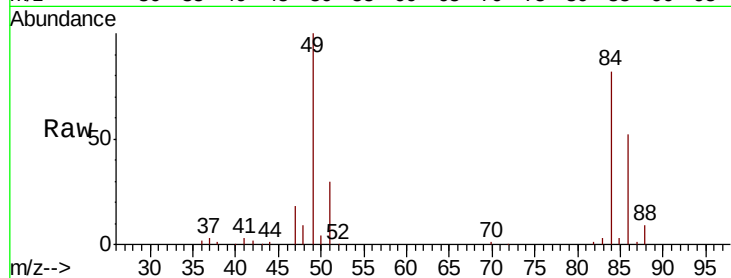




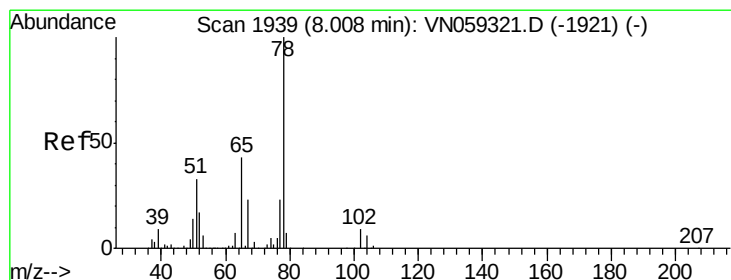
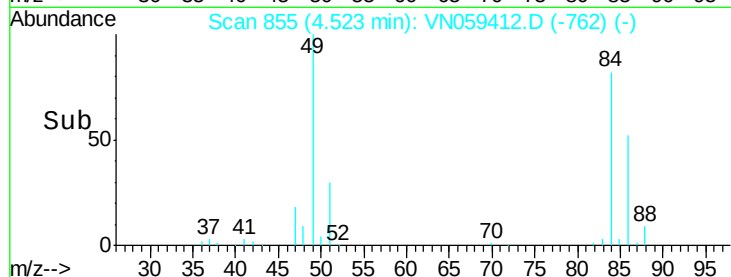
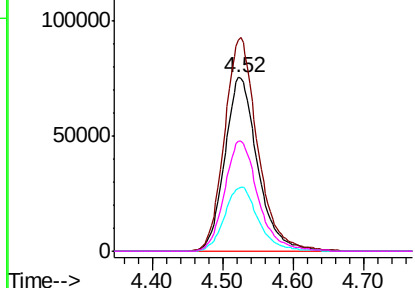
#20
Methylene Chloride
Concen: 59.379 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059412.D
Acq: 26 Nov 2019 17:20

Instrument :
MSVOA_N
ClientSampled :
CALVSOIL1-20191121

Tot Ion:	84	Resp:	245155
Ion	Ratio	Lower	Upper
84	100		
49	121.8	99.5	149.3
51	36.4	31.1	46.7
86	63.5	49.9	74.9

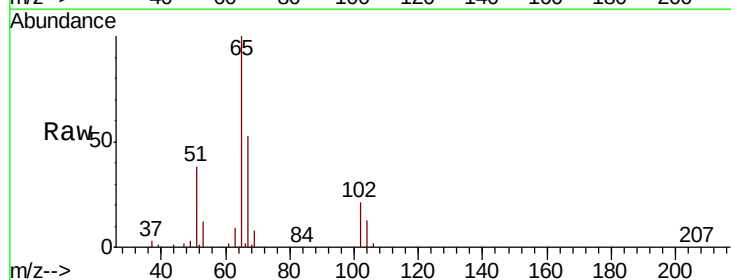


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

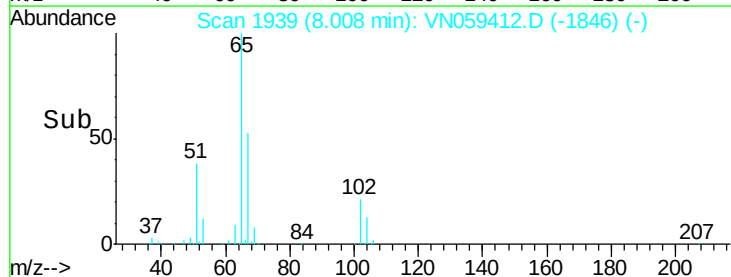
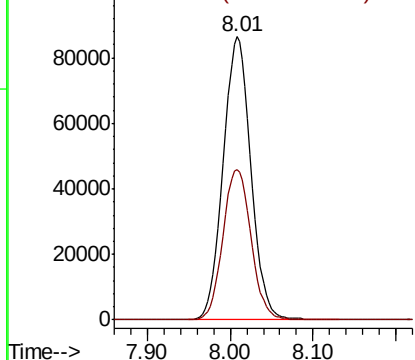


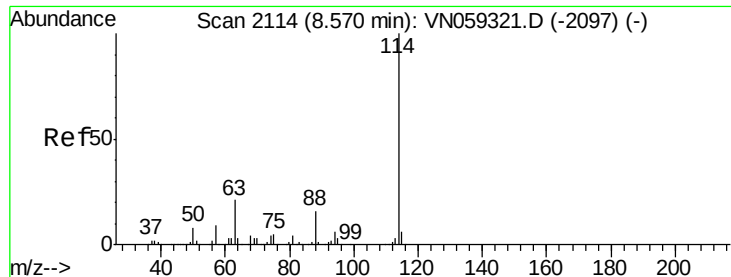
#33
1,2-Dichloroethane-d4
Concen: 49.142 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059412.D
Acq: 26 Nov 2019 17:20

Tgt Ion:	65	Resp:	200631
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.4



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

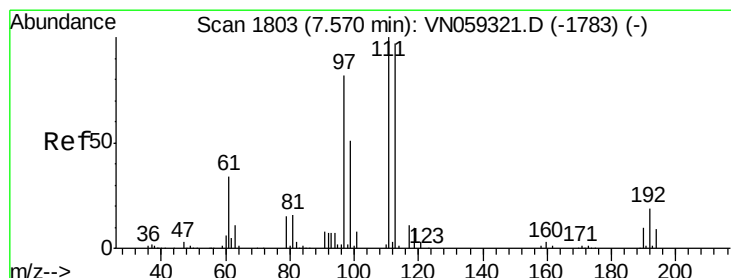
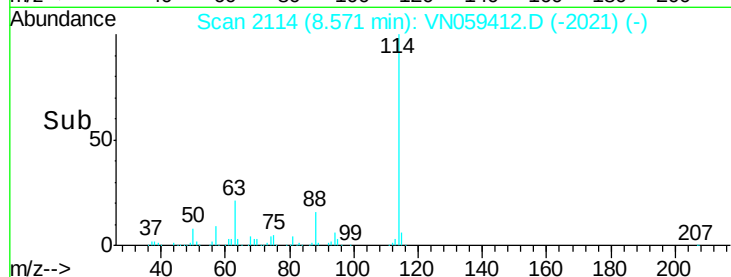
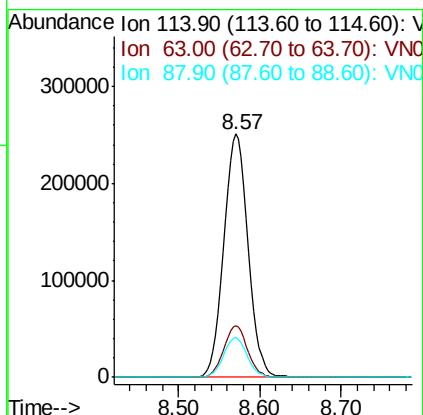
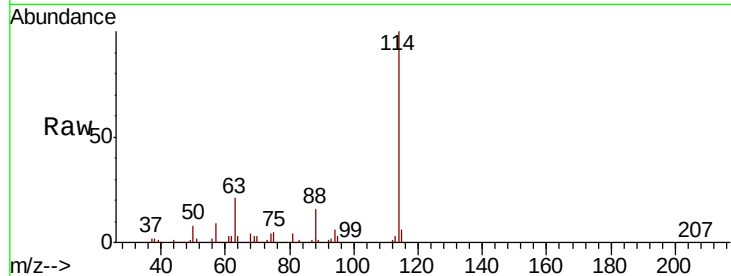




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059412.D
 Acq: 26 Nov 2019 17:20

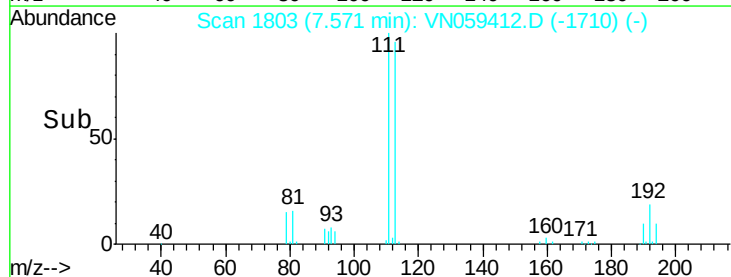
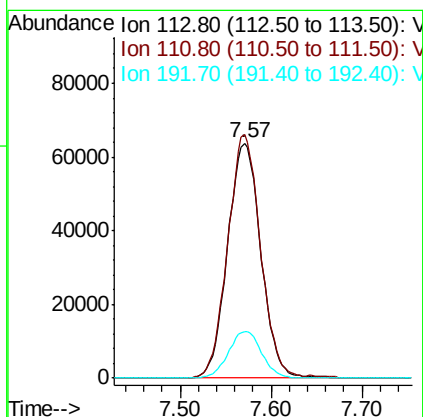
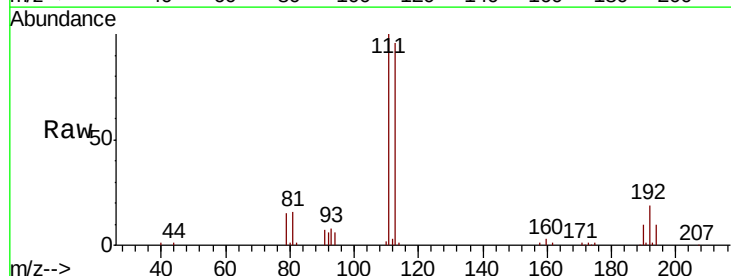
Instrument :
 MSVOA_N
 ClientSampleId :
 CALVSOIL1-20191121

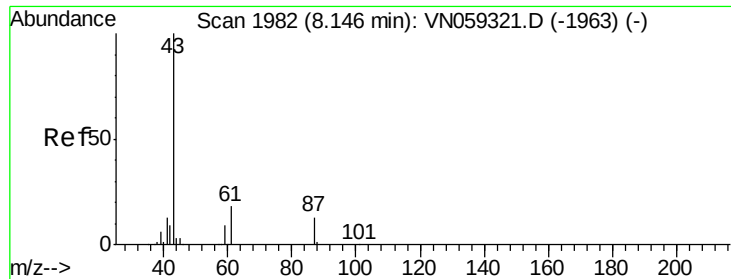
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	16.3	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 51.196 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059412.D
 Acq: 26 Nov 2019 17:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.7	124.1
192	19.8	16.3	24.5





#43

Isopropyl Acetate

Concen: 8.841 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059412.D

Acq: 26 Nov 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

CALVSOIL1-20191121

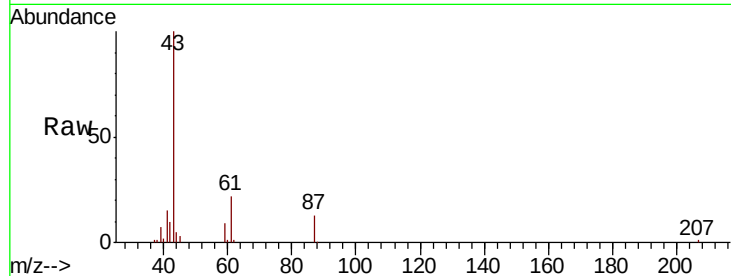
Tot Ion: 43 Resp: 79182

Ion Ratio Lower Upper

43 100

61 21.3 21.7 32.5#

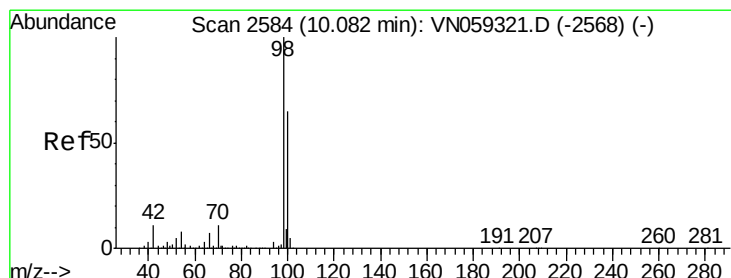
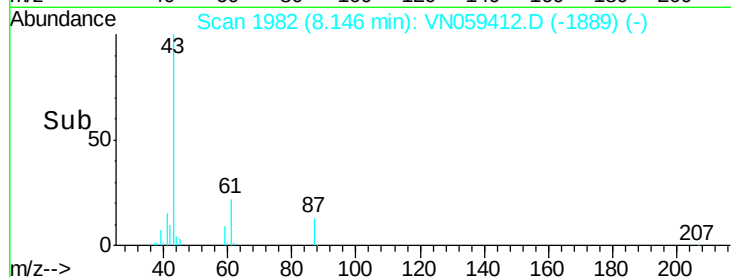
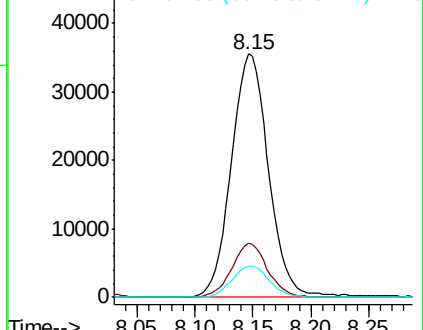
87 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059412.D (-1889) (-)

Ion 61.00 (60.70 to 61.70): VN059412.D (-1889) (-)

Ion 87.00 (86.70 to 87.70): VN059412.D (-1889) (-)



#50

Toluene-d8

Concen: 51.514 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059412.D

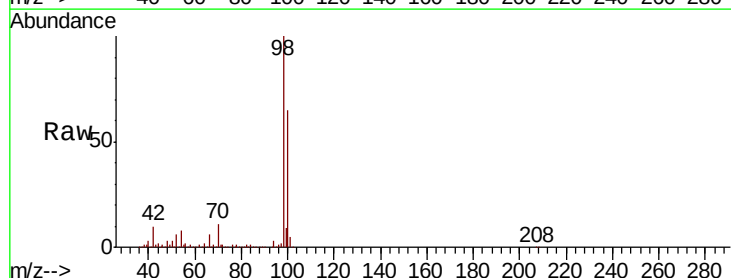
Acq: 26 Nov 2019 17:20

Tgt Ion: 98 Resp: 648975

Ion Ratio Lower Upper

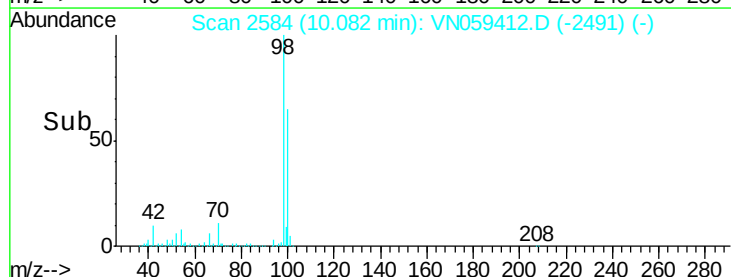
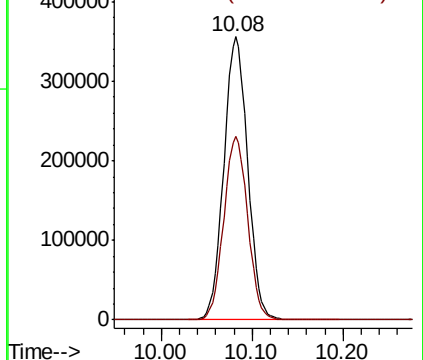
98 100

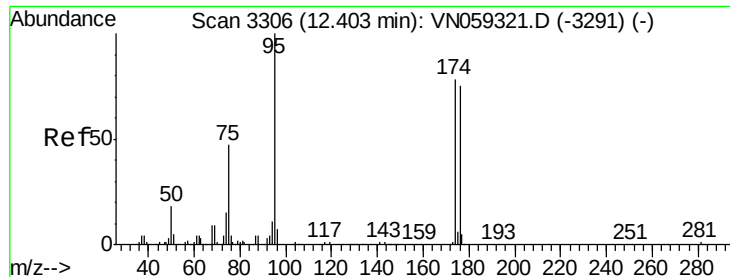
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059412.D (-2491) (-)

Ion 100.00 (99.70 to 100.70): VN059412.D (-2491) (-)





#62

4-Bromofluorobenzene

Concen: 47.906 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059412.D

Acq: 26 Nov 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

CALVSOIL1-20191121

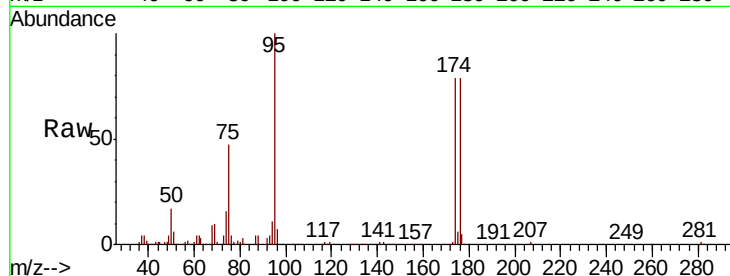
Tot Ion: 95 Resp: 211026

Ion Ratio Lower Upper

95 100

174 79.3 0.0 157.4

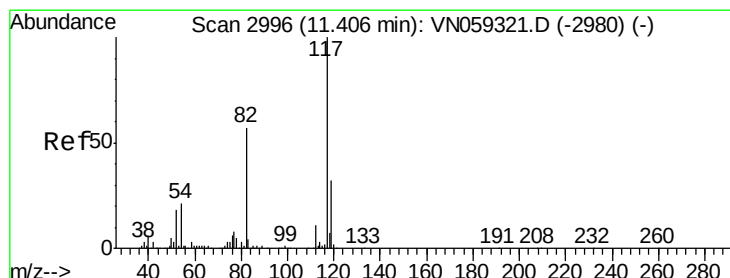
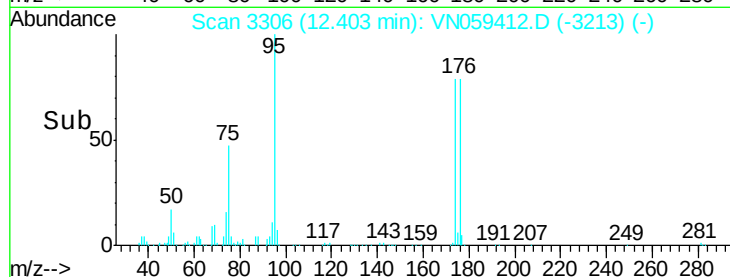
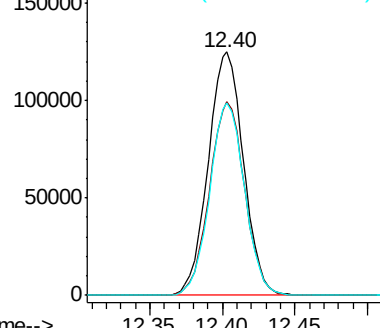
176 78.1 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059412.D

Acq: 26 Nov 2019 17:20

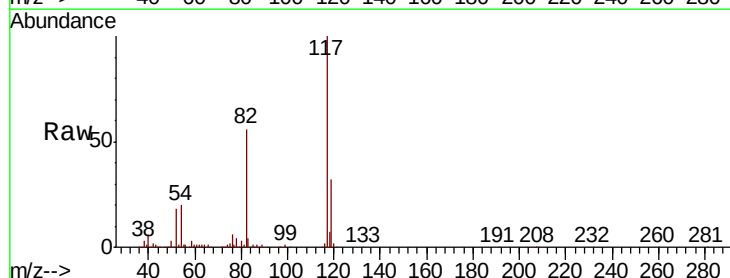
Tgt Ion: 117 Resp: 471158

Ion Ratio Lower Upper

117 100

82 56.0 45.7 68.5

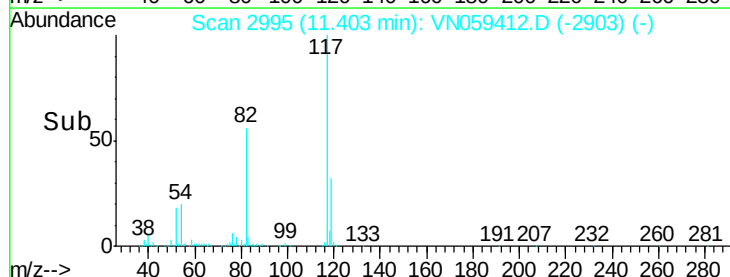
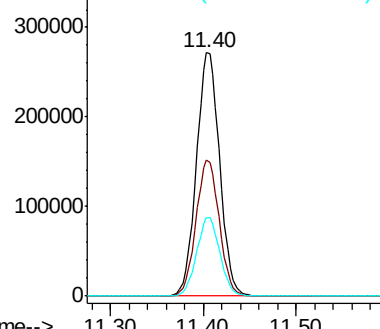
119 32.1 25.8 38.6

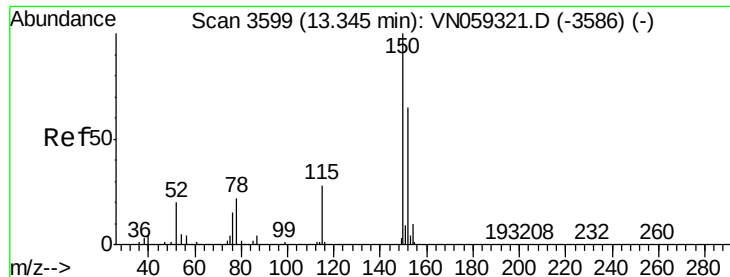


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059412.D

Acq: 26 Nov 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

CALVSOIL1-20191121

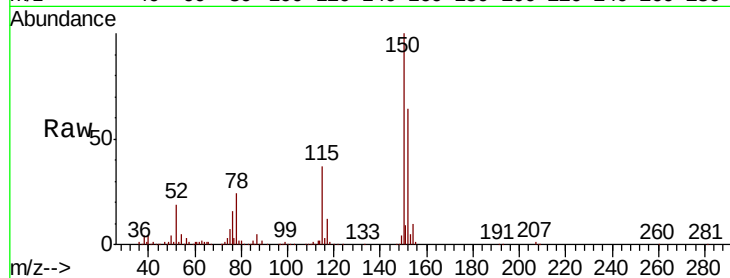
Tot Ion:152 Resp: 183354

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

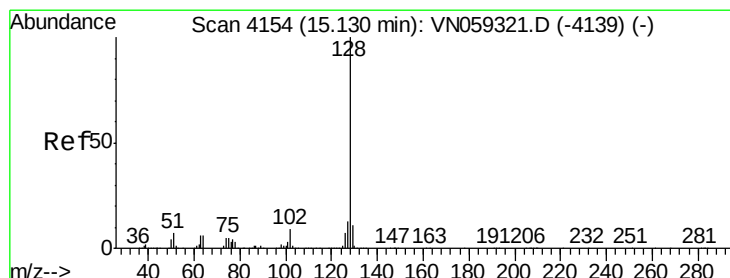
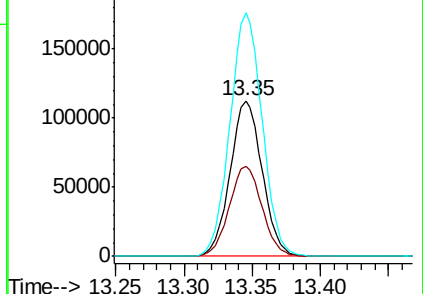
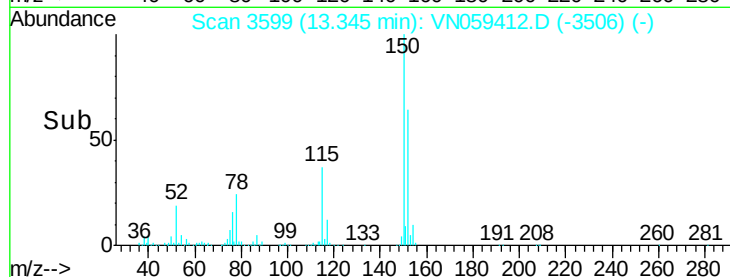
150 158.0 0.0 346.0



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



#95

Naphthalene

Concen: 4.137 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059412.D

Acq: 26 Nov 2019 17:20

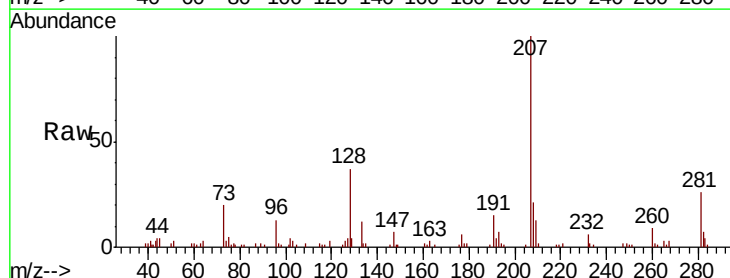
Tgt Ion:128 Resp: 11186

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

