

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054250.D
 Acq On : 14 Mar 2019 8:48
 Operator : JC/SP
 Sample : K1863-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MCH-CAULK

Quant Time: Mar 14 09:33:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1342202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2270516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2461899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1221479	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	747619	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
35) Dibromofluoromethane	7.59	113	688078	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	10.09	98	2849776	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.40	95	1179893	62.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.70%	

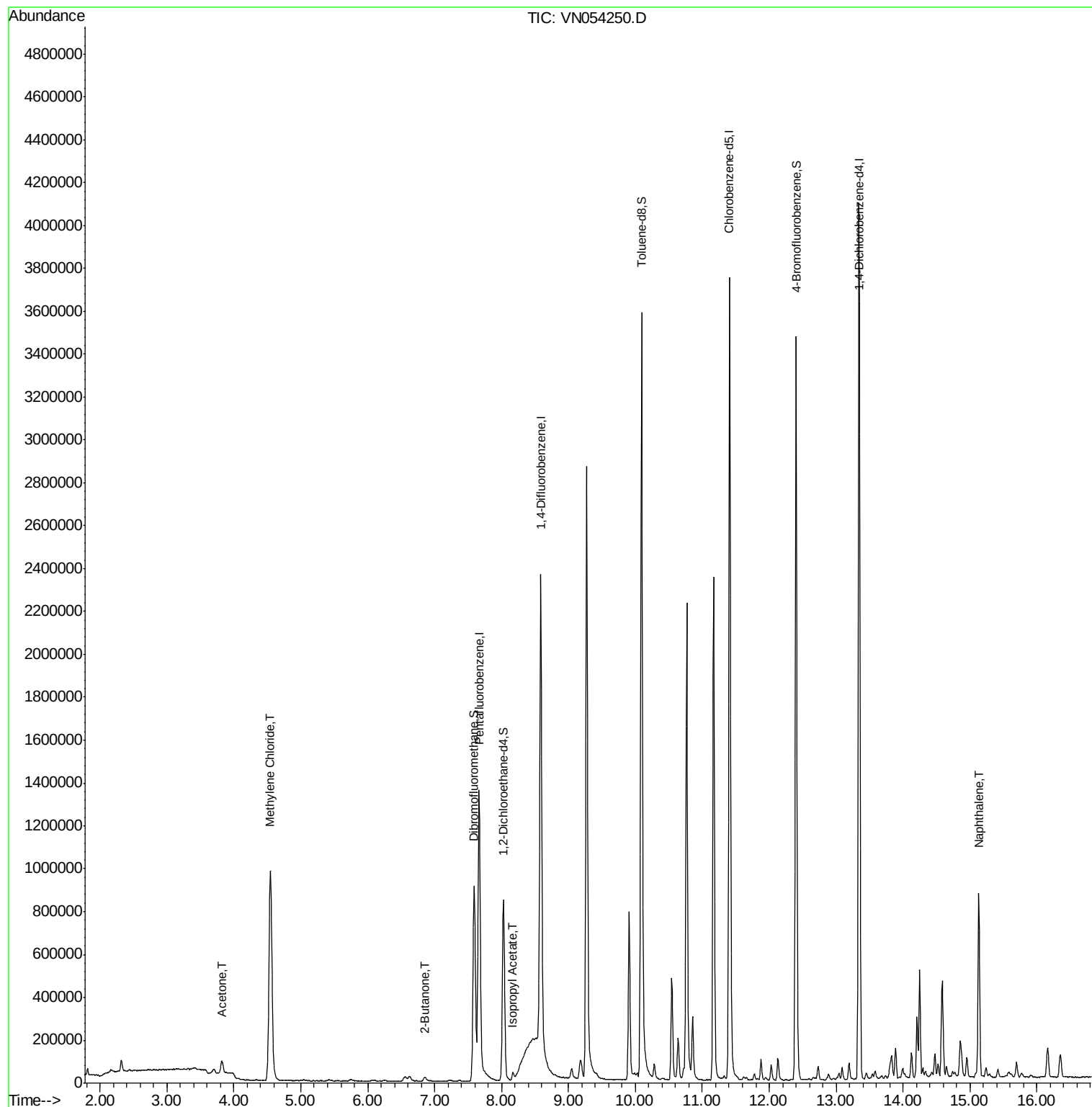
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	90695	22.222	ug/l	99
20) Methylene Chloride	4.55	84	804684	60.046	ug/l	98
25) 2-Butanone	6.85	43	27664	5.775	ug/l	99
43) Isopropyl Acetate	8.17	43	46445	2.202	ug/l	97
95) Naphthalene	15.13	128	767938	16.809	ug/l	99

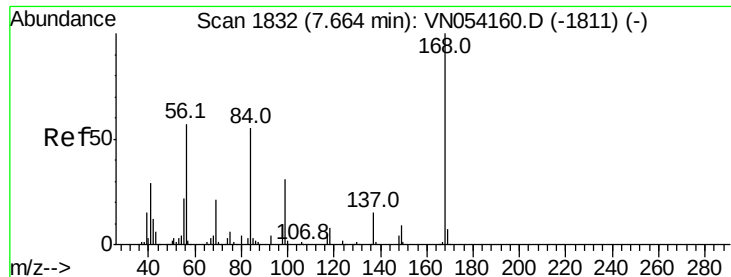
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

ClientSampled :

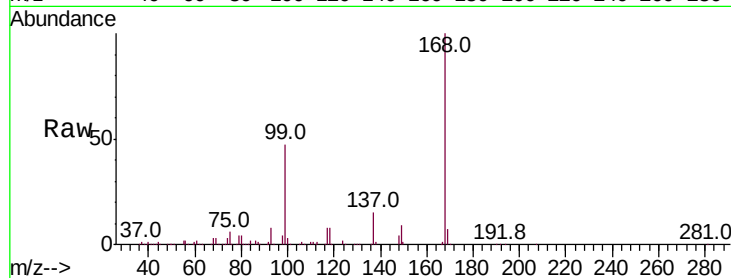
MCH-CAULK

Tot Ion:168 Resp: 1342202

Ion Ratio Lower Upper

168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

600000

500000

400000

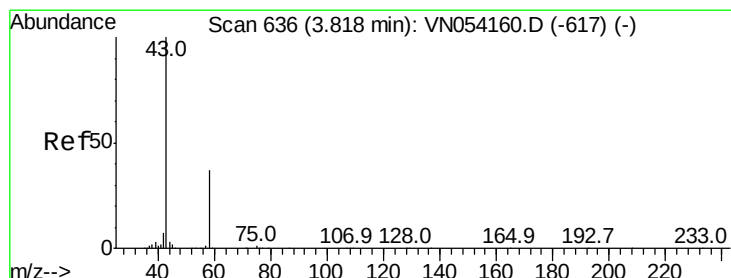
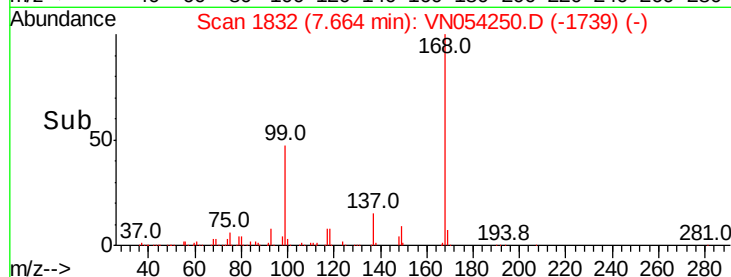
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 22.222 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN054250.D

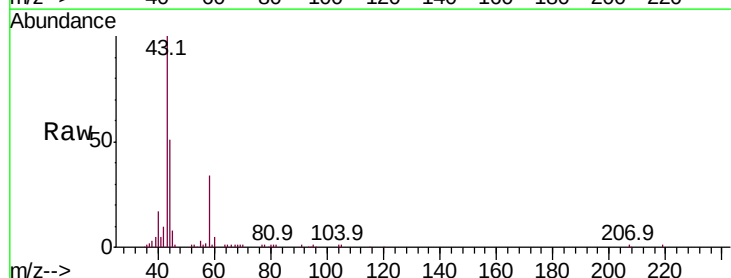
Acq: 14 Mar 2019 8:48

Tgt Ion: 43 Resp: 90695

Ion Ratio Lower Upper

43 100

58 36.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

40000

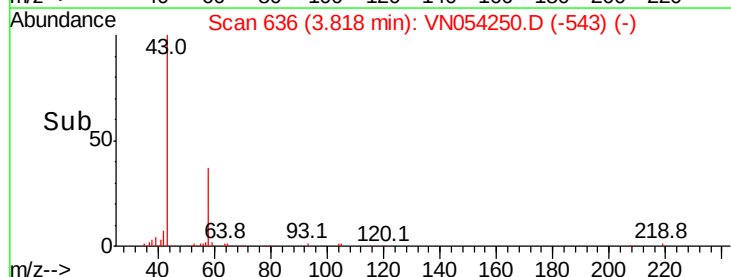
30000

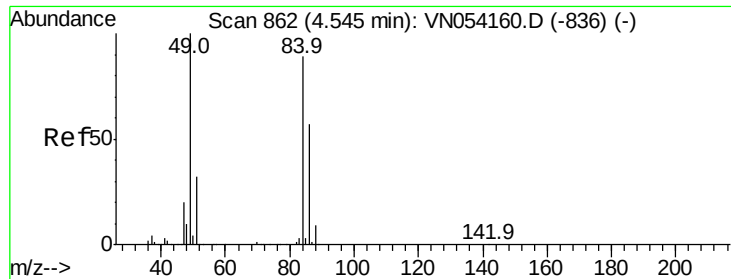
20000

10000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methvlene Chloride

Concen: 60.046 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

ClientSampleId :

MCH-CAULK

Tot Ion: 84 Resp: 804684

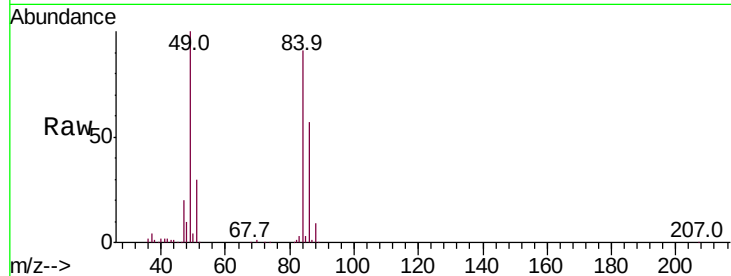
Ion	Ratio	Lower	Upper
84	100		
49	110.3	89.7	134.5
51	33.6	28.2	42.4
86	63.1	50.8	76.2

84 100

49 110.3 89.7 134.5

51 33.6 28.2 42.4

86 63.1 50.8 76.2

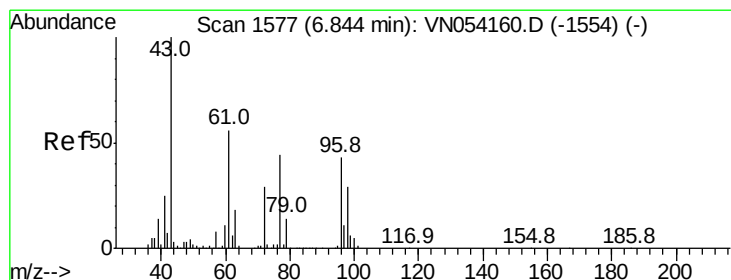
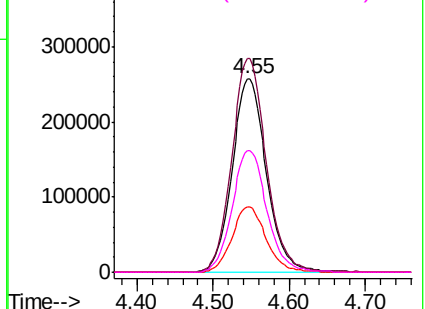
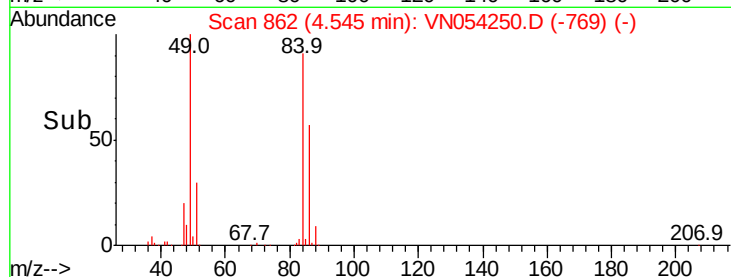


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 5.775 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054250.D

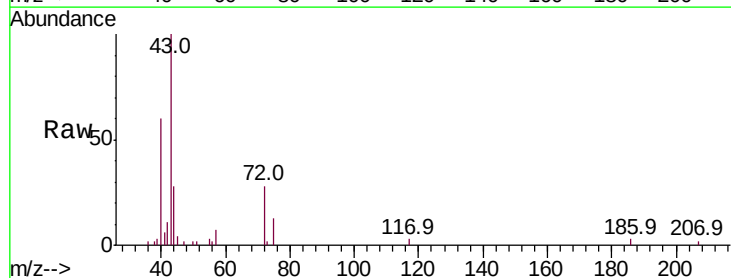
Acq: 14 Mar 2019 8:48

Tgt Ion: 43 Resp: 27664

Ion	Ratio	Lower	Upper
43	100		
72	29.3	23.0	34.6

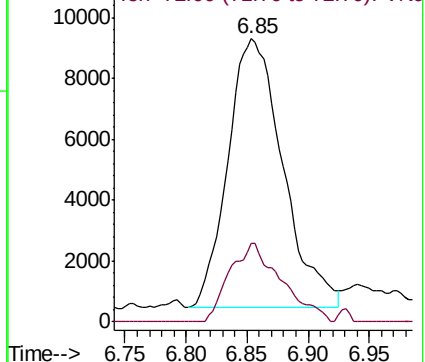
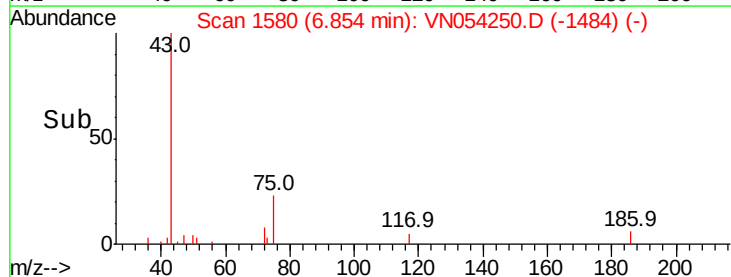
43 100

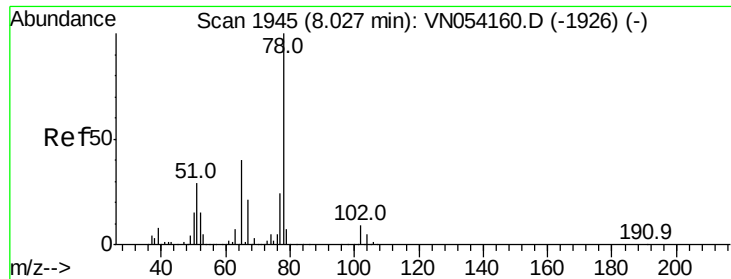
72 29.3 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.449 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

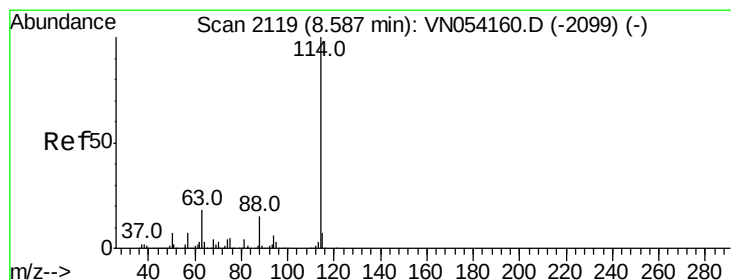
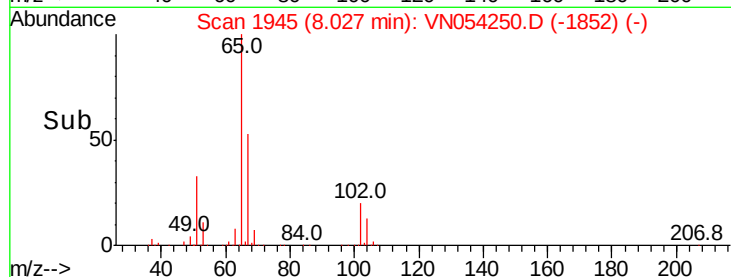
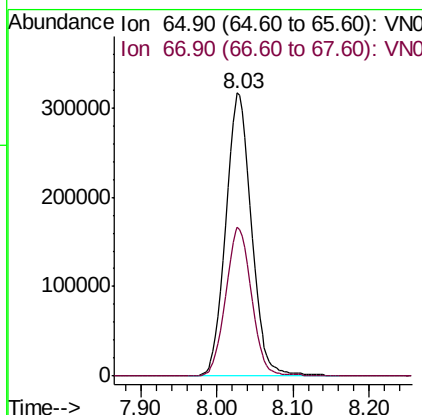
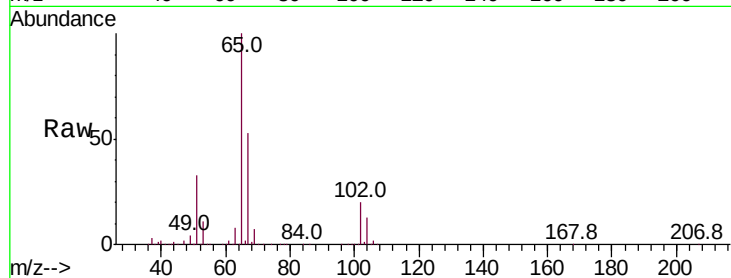
Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :
MSVOA_N
ClientSampleId :
MCH-CAULK

Tot Ion: 65 Resp: 747619

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

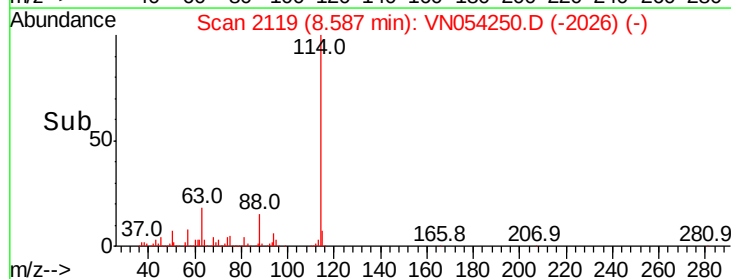
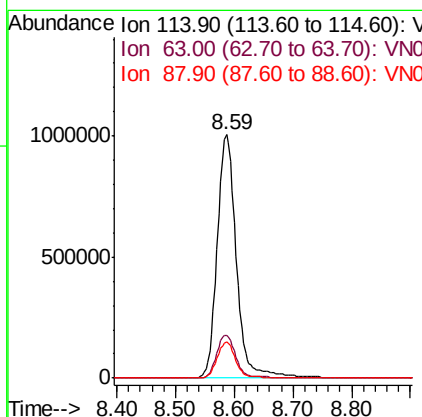
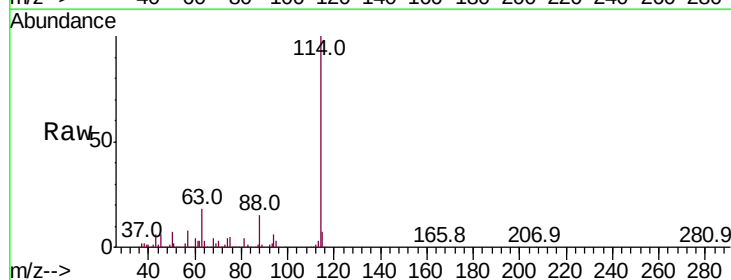
Delta R.T. 0.00 min

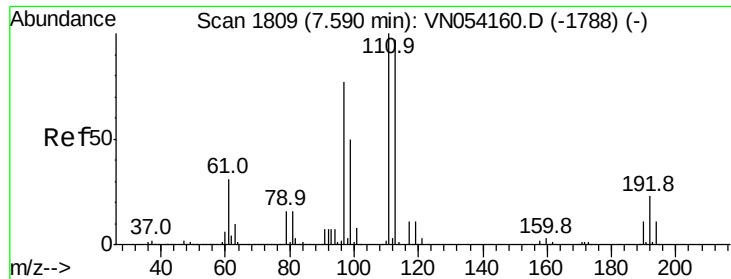
Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Tgt Ion: 114 Resp: 2270516

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.2
88	14.9	0.0	30.2

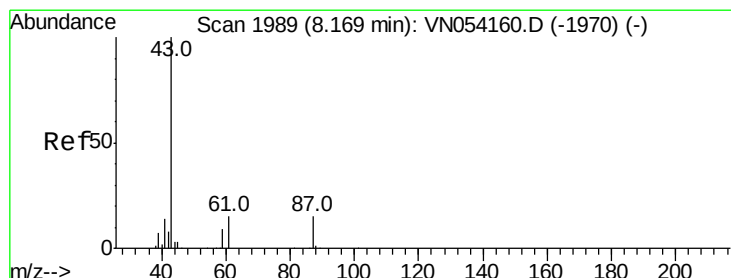
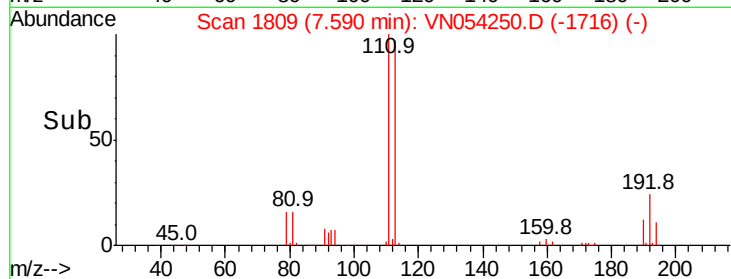
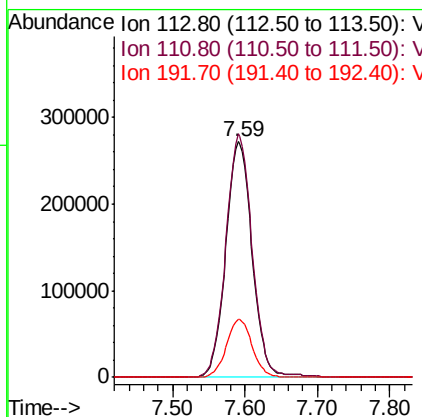
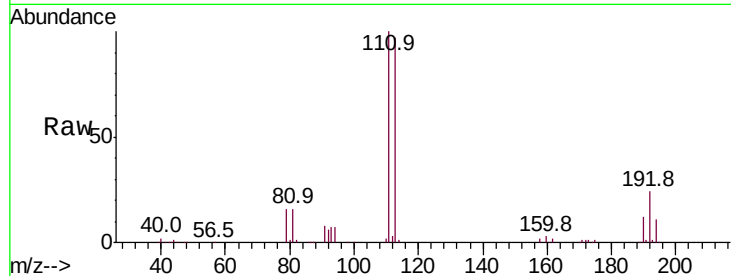




#35
 Dibromofluoromethane
 Concen: 46.987 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

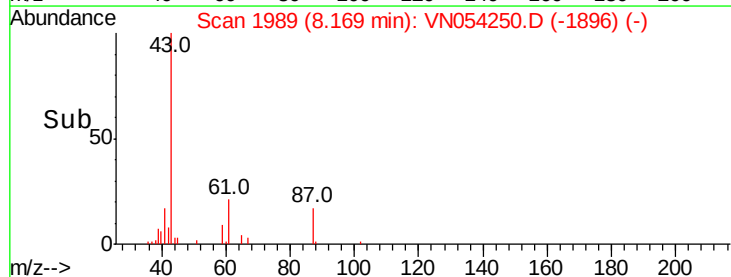
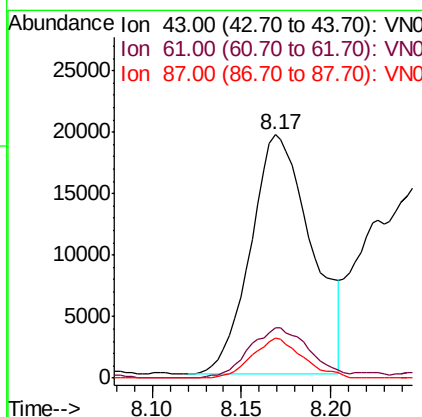
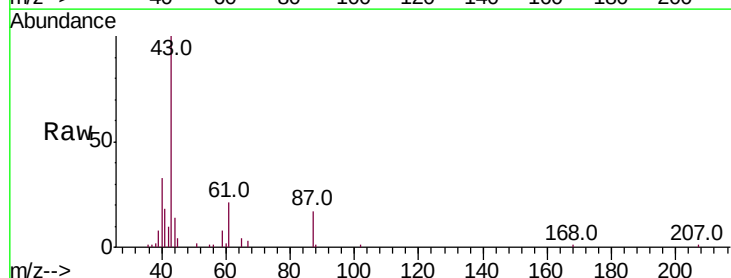
Instrument :
 MSVOA_N
 ClientSampleId :
 MCH-CAULK

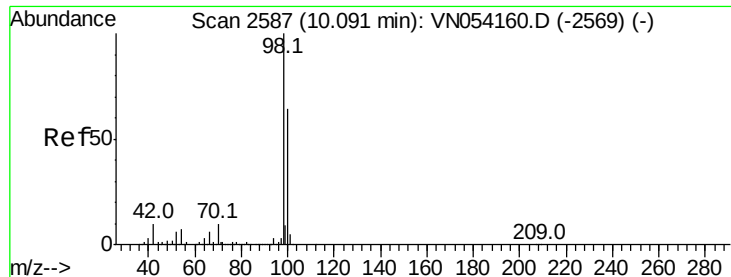
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	24.2	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 2.202 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054250.D
 Acq: 14 Mar 2019 8:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	15.8	23.8
87	14.0	12.0	18.0





#50

Toluene-d8

Concen: 52.694 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

ClientSampleId :

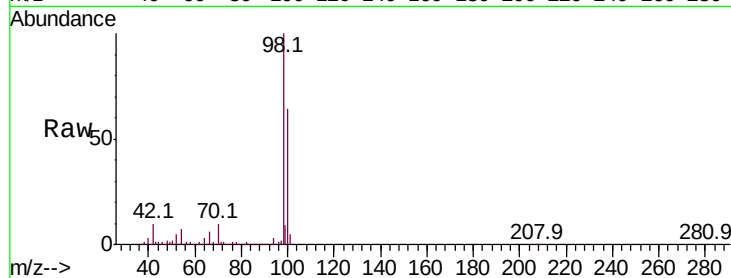
MCH-CAULK

Tot Ion: 98 Resp: 2849776

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

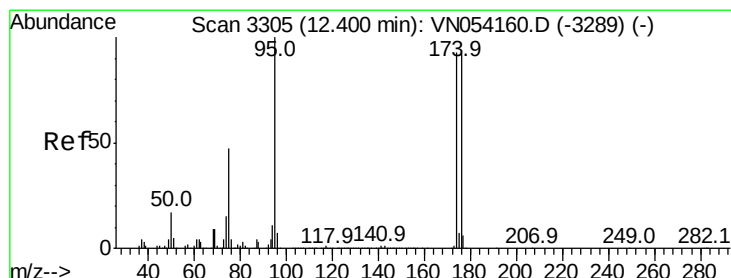
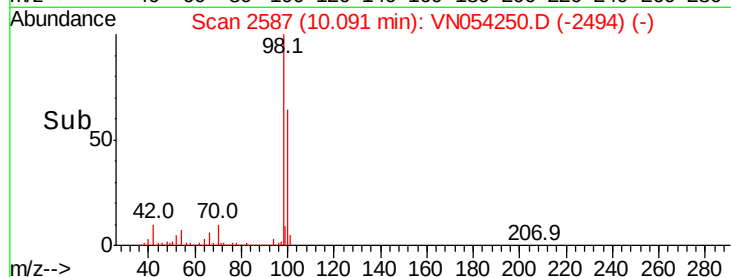
1000000

500000

0

10.00 10.09 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 62.351 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

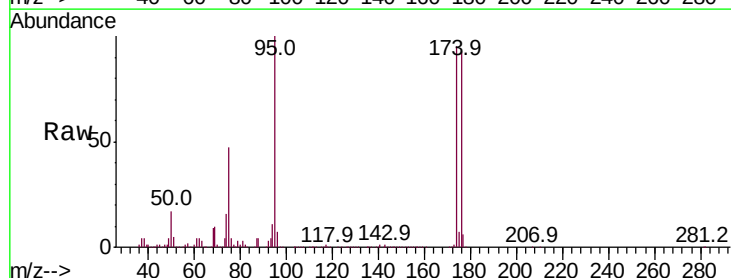
Tgt Ion: 95 Resp: 1179893

Ion Ratio Lower Upper

95 100

174 96.4 0.0 191.0

176 94.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

600000

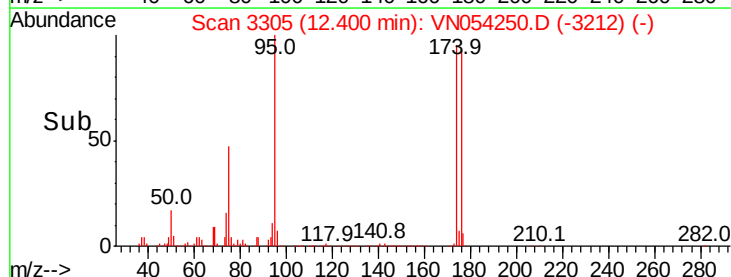
400000

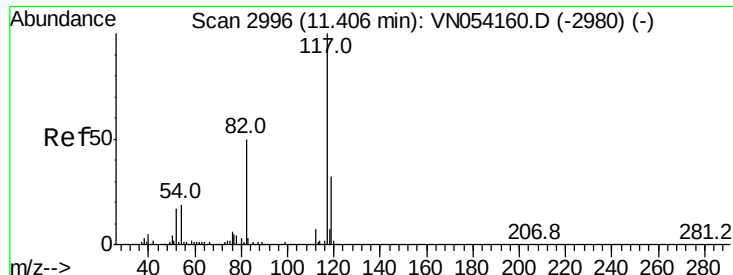
200000

0

12.30 12.40 12.50

Time-->

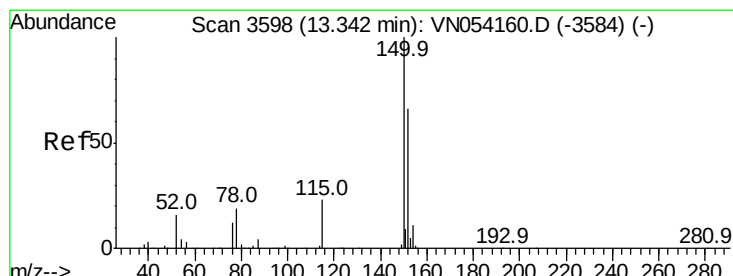
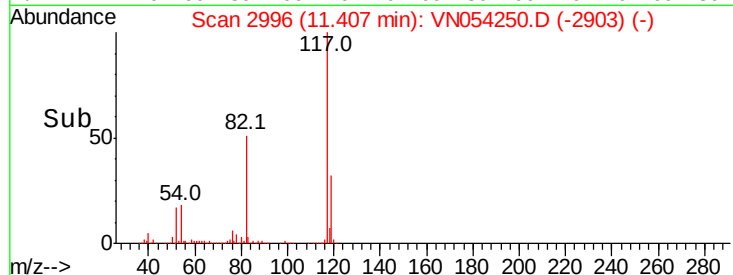
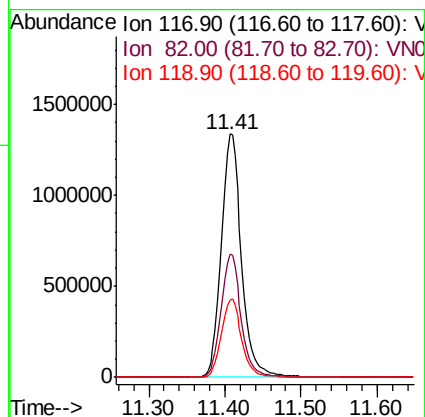
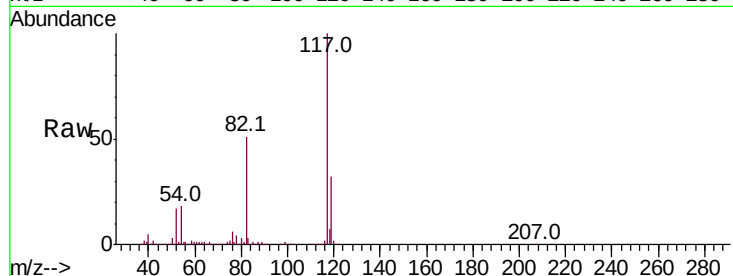




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

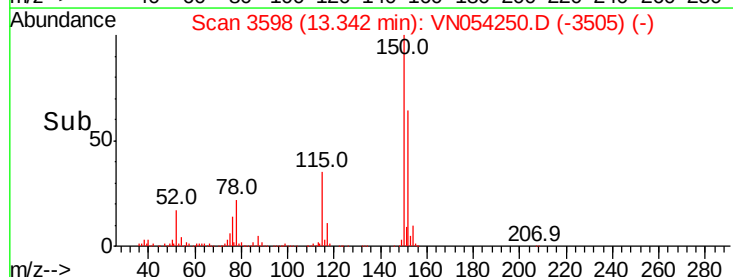
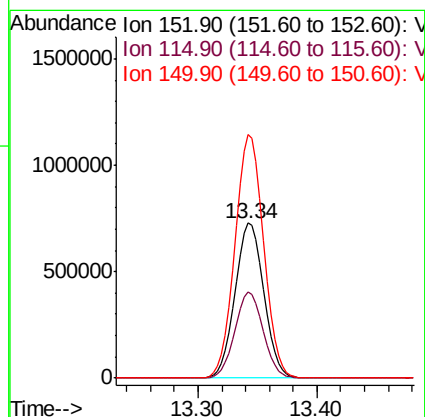
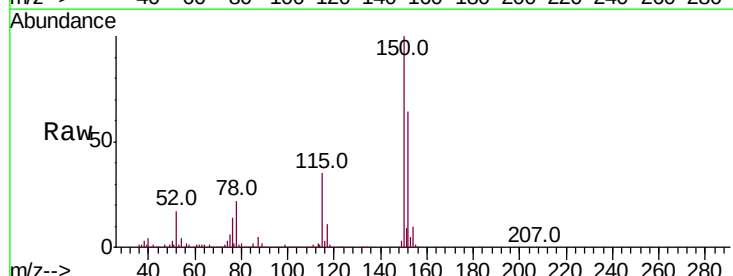
Instrument :
MSVOA_N
ClientSampled :
MCH-CAULK

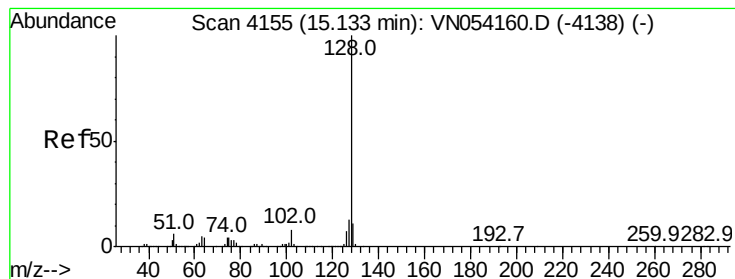
Tot Ion:117 Resp: 2461899
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054250.D
Acq: 14 Mar 2019 8:48

Tgt Ion:152 Resp: 1221479
Ion Ratio Lower Upper
152 100
115 54.7 27.2 81.6
150 156.1 0.0 349.2





#95

Naphthalene

Concen: 16.809 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054250.D

Acq: 14 Mar 2019 8:48

Instrument :

MSVOA_N

ClientSampleId :

MCH-CAULK

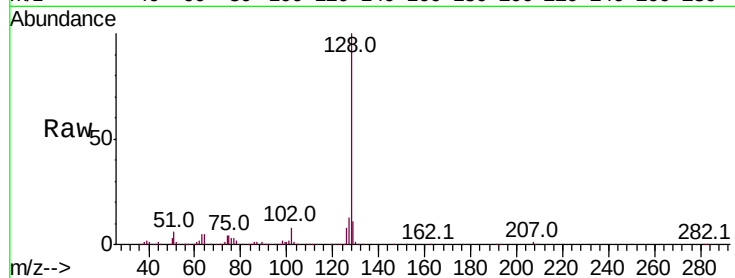
Tot Ion:128 Resp: 767938

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.2 8.7 13.1



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

