

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059408.D
 Acq On : 26 Nov 2019 15:52
 Operator : JC/SP
 Sample : K5672-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112219

Quant Time: Nov 27 01:18:05 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

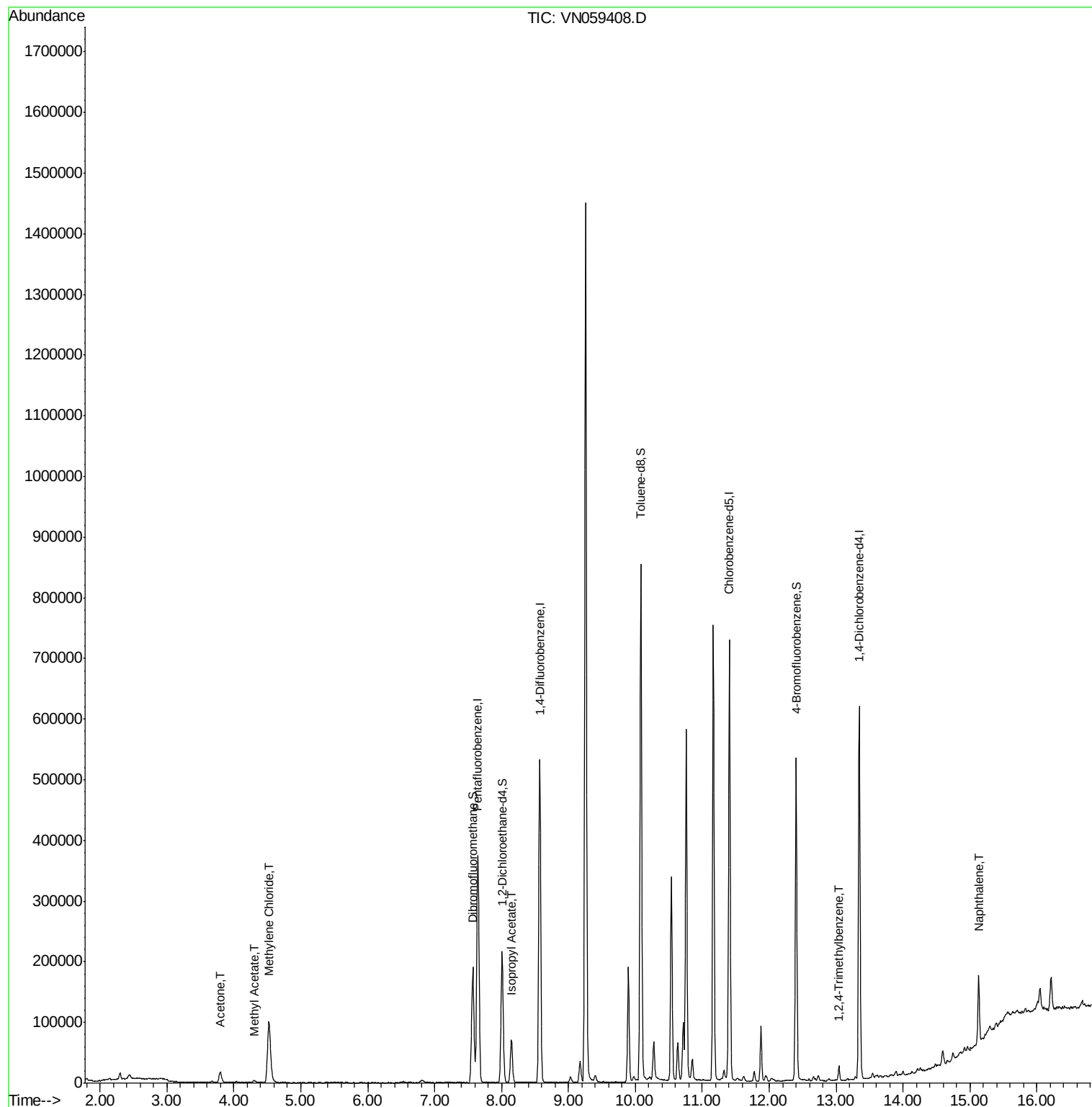
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	325709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	493380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	427361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	169584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	183666	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	7.57	113	148097	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.08	98	596654	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	193713	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
Target Compounds						
16) Acetone	3.80	43	30215	17.243	ug/l	97
18) Methyl Acetate	4.30	43	6120	1.052	ug/l	94
20) Methylene Chloride	4.52	84	82638	20.911	ug/l	99
43) Isopropyl Acetate	8.15	43	83883	10.027	ug/l #	90
84) 1,2,4-Trimethylbenzene	13.04	105	13598	1.189	ug/l	97
95) Naphthalene	15.13	128	89358	11.539	ug/l	99

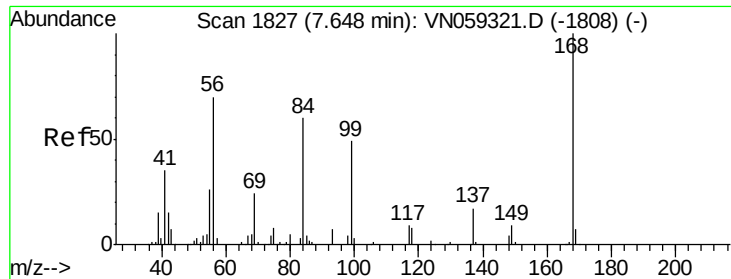
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampled :

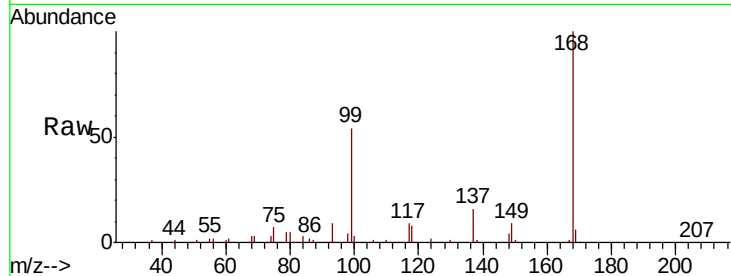
EO-02-112219

Tot Ion:168 Resp: 325709

Ion Ratio Lower Upper

168 100

99 54.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059408.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059408.D (-1734) (-)

7.65

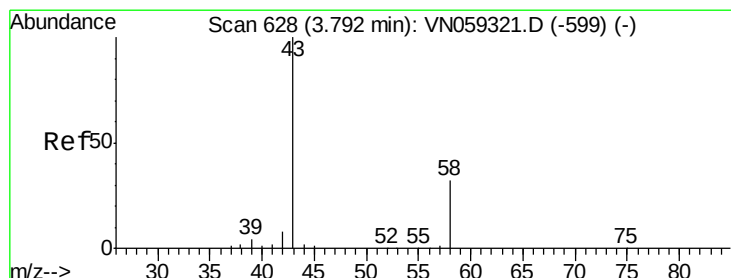
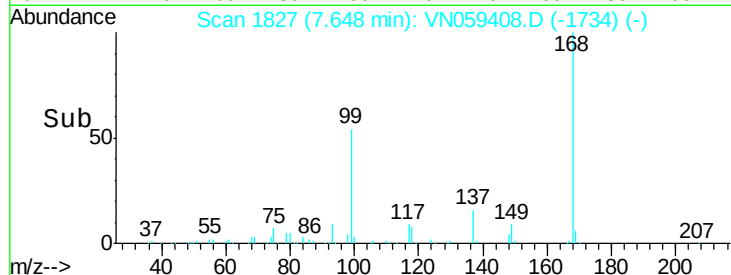
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 17.243 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059408.D

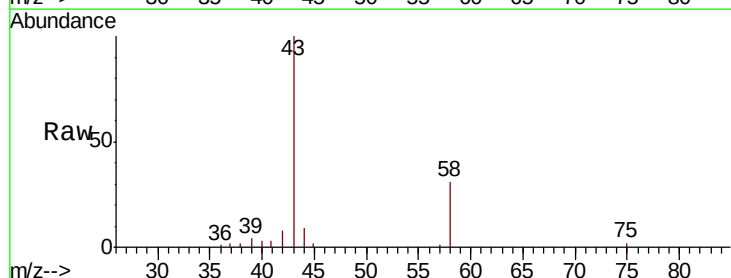
Acq: 26 Nov 2019 15:52

Tgt Ion: 43 Resp: 30215

Ion Ratio Lower Upper

43 100

58 30.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059408.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059408.D (-535) (-)

3.80

12000

10000

8000

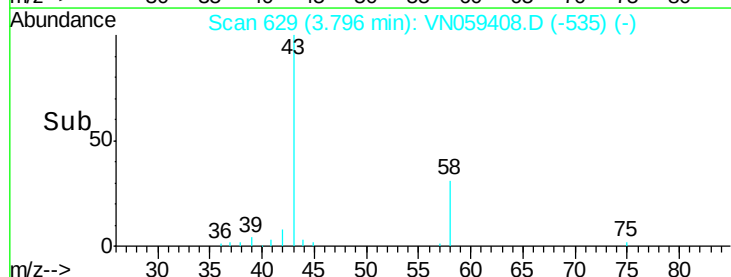
6000

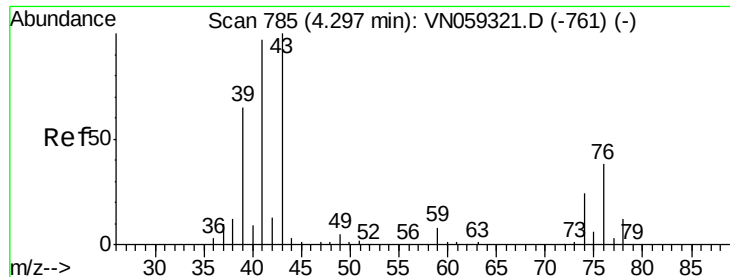
4000

2000

0

Time--> 3.70 3.80 3.90





#18

Methyl Acetate

Concen: 1.052 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampled :

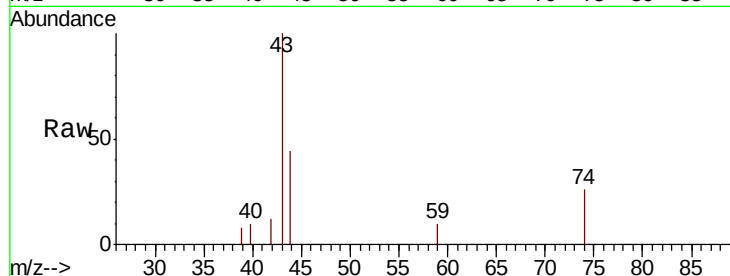
EO-02-112219

Tot Ion: 43 Resp: 6120

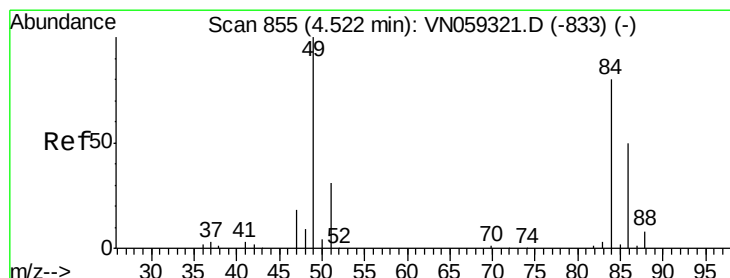
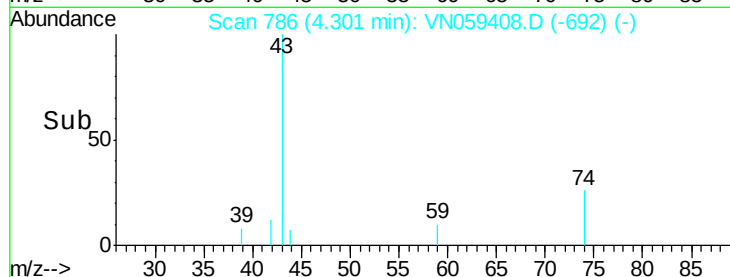
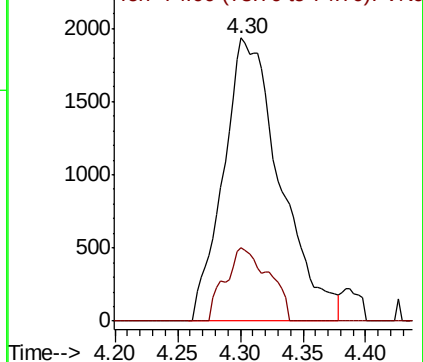
Ion Ratio Lower Upper

43 100

74 19.7 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN059408.D (-692) (-)



#20

Methylene Chloride

Concen: 20.911 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Tgt Ion: 84 Resp: 82638

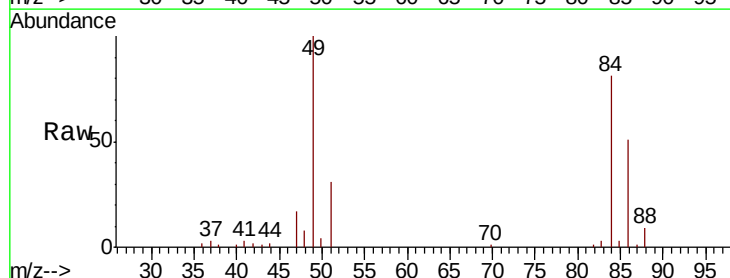
Ion Ratio Lower Upper

84 100

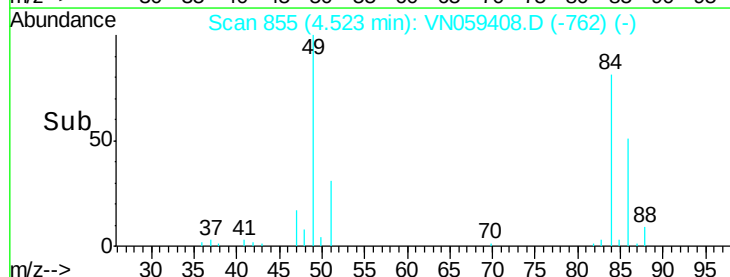
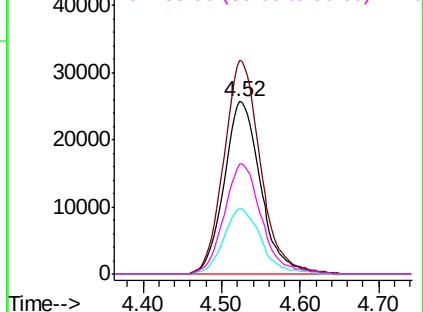
49 124.0 99.5 149.3

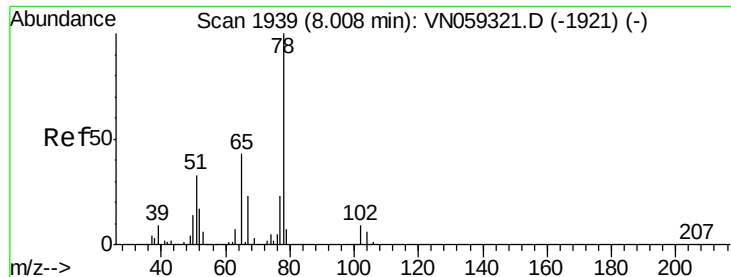
51 37.9 31.1 46.7

86 63.8 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VN059408.D (-762) (-)

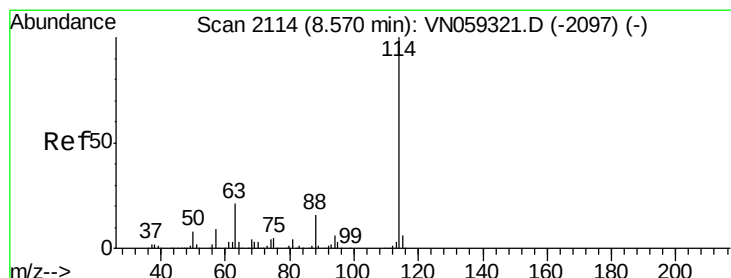
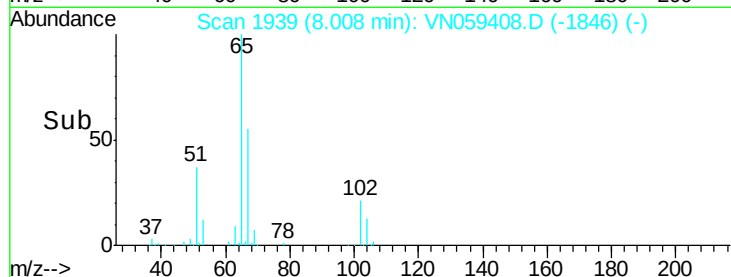
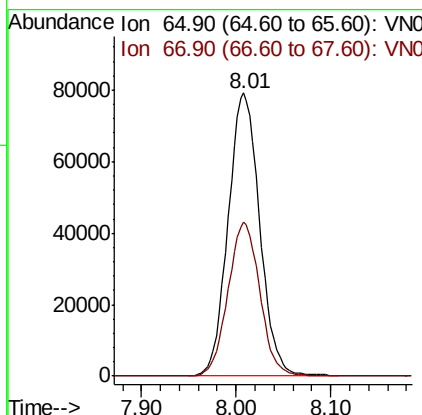
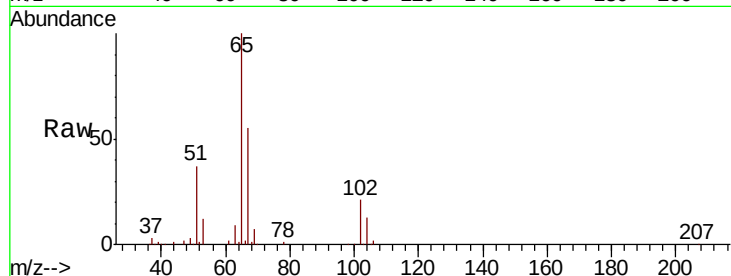




#33
 1,2-Dichloroethane-d4
 Concen: 46.998 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

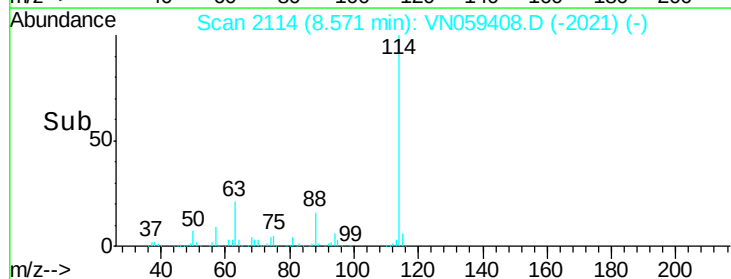
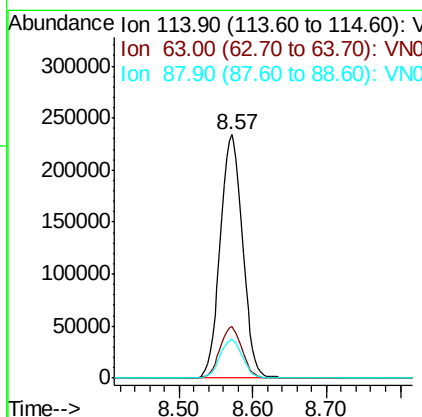
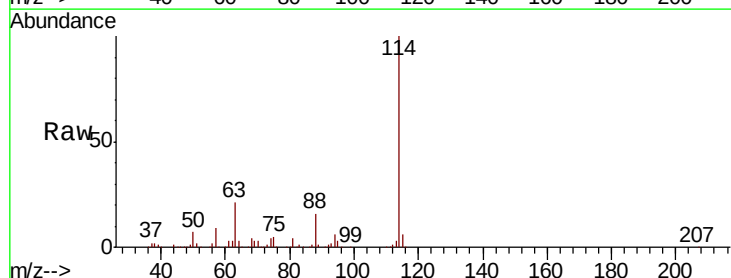
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112219

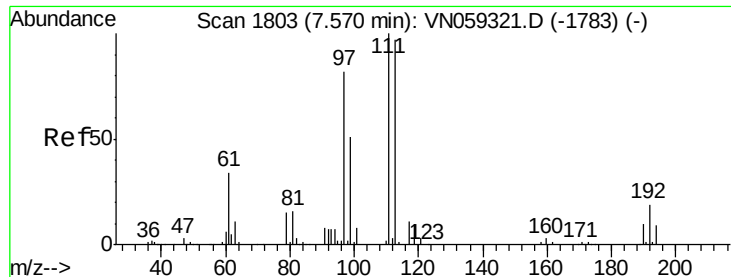
Tot Ion: 65 Resp: 183666
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

Tgt Ion: 114 Resp: 493380
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.2
 88 15.9 0.0 32.2

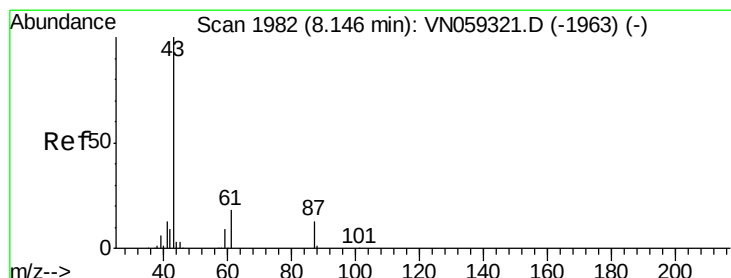
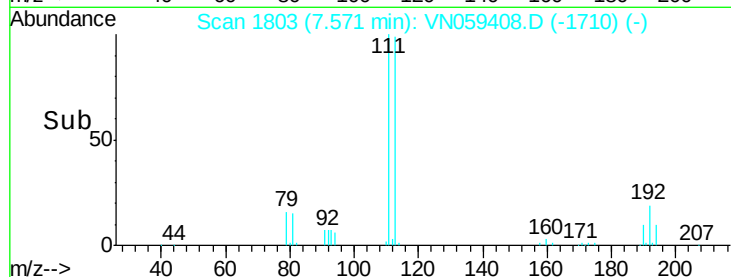
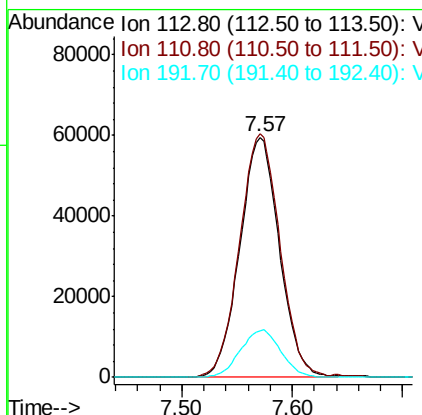
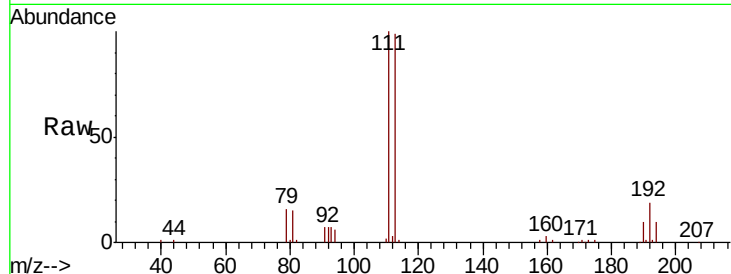




#35
 Dibromofluoromethane
 Concen: 50.033 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

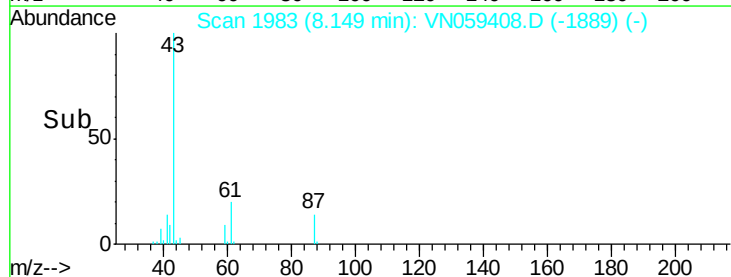
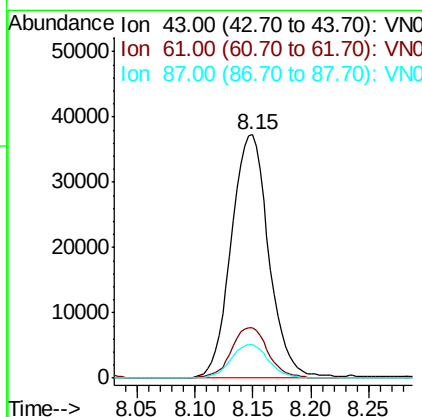
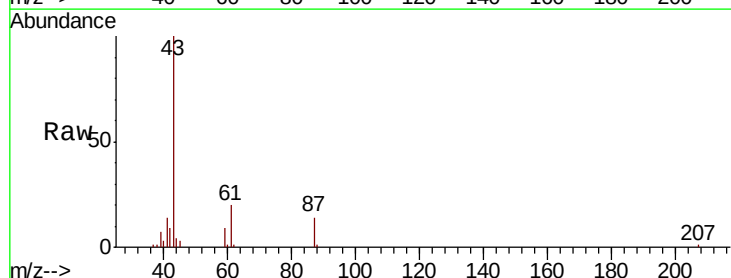
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112219

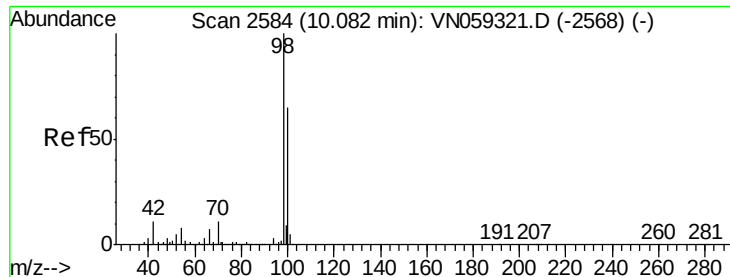
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.1	16.3	24.5



#43
 Isopropyl Acetate
 Concen: 10.027 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	21.7	32.5#
87	13.6	10.2	15.4





#50

Toluene-d8

Concen: 50.704 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

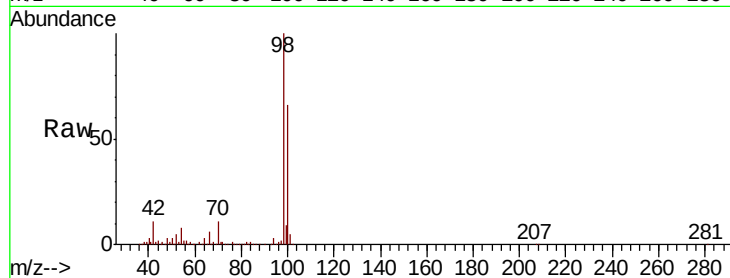
EO-02-112219

Tot Ion: 98 Resp: 596654

Ion Ratio Lower Upper

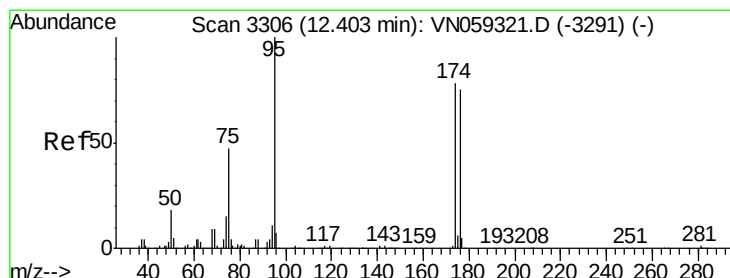
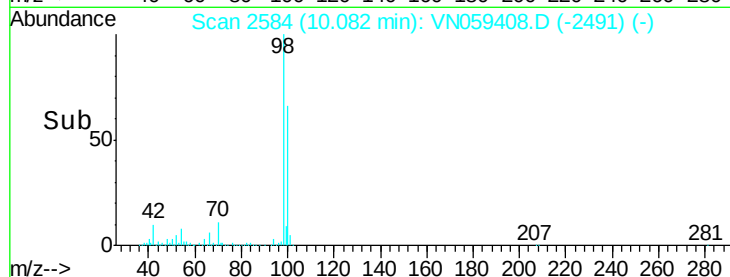
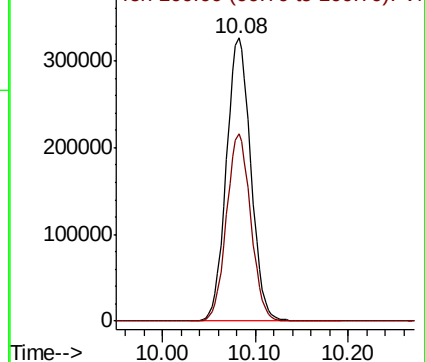
98 100

100 65.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.081 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

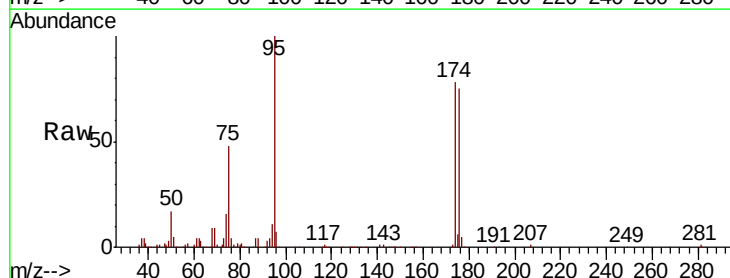
Tgt Ion: 95 Resp: 193713

Ion Ratio Lower Upper

95 100

174 79.0 0.0 157.4

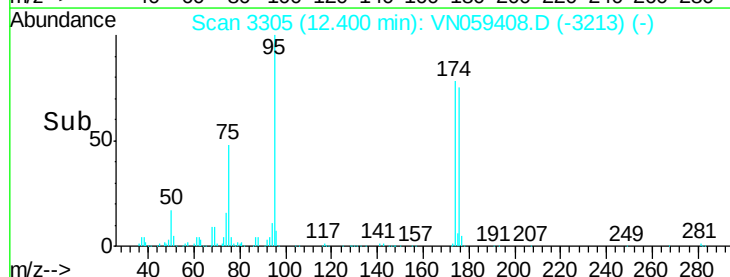
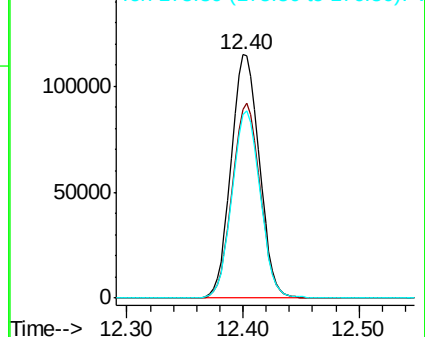
176 76.2 0.0 151.2

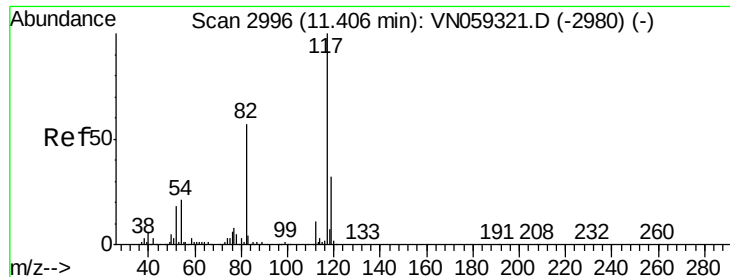


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

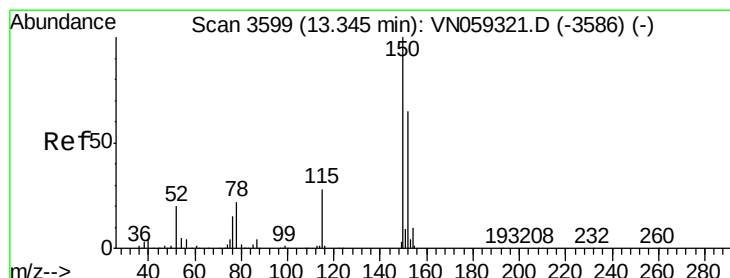
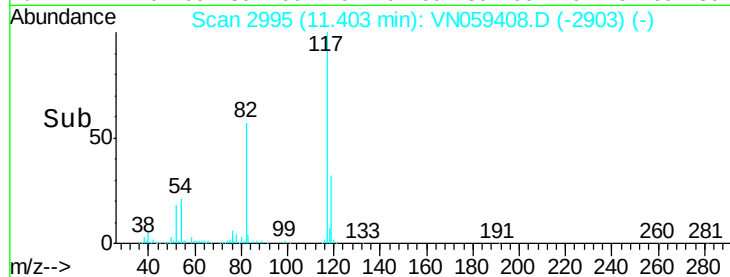
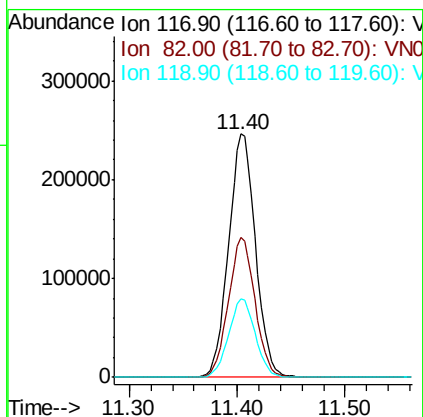
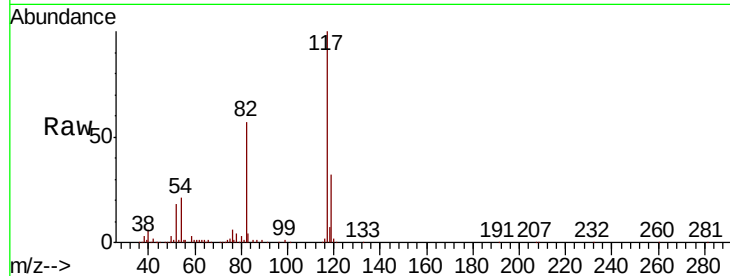




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

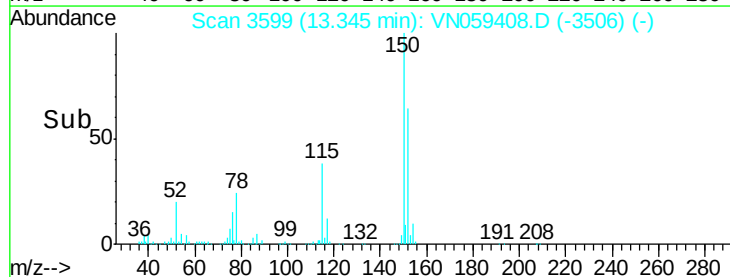
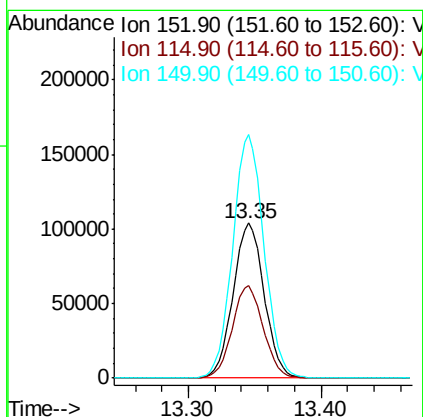
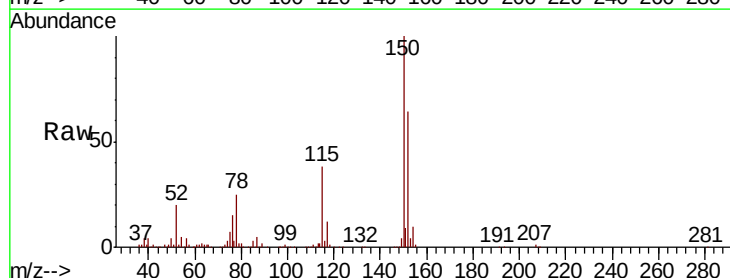
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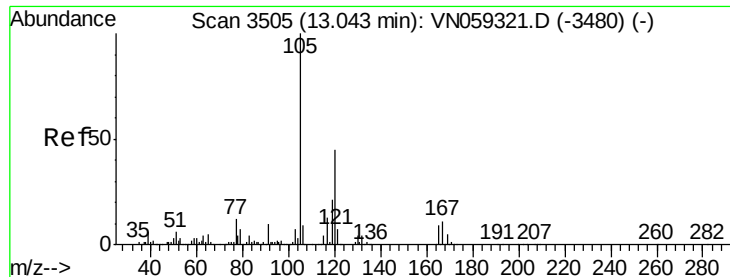
Tot Ion:117 Resp: 427361
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

Tgt Ion:152 Resp: 169584
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 158.0 0.0 346.0

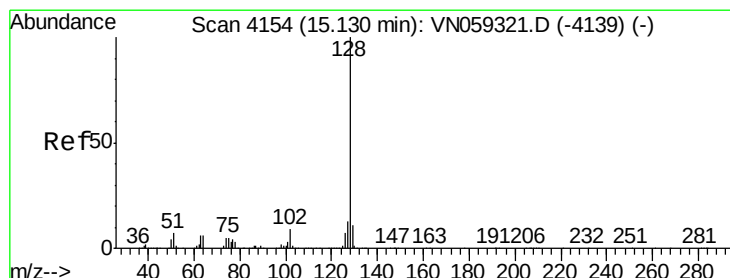
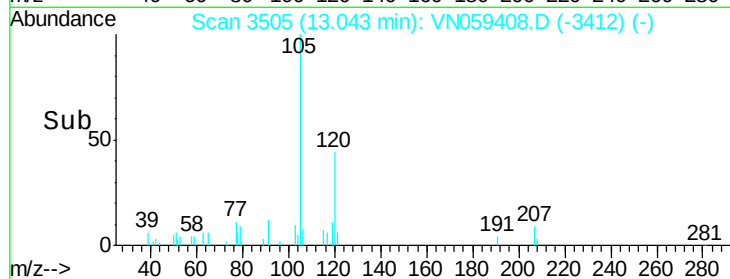
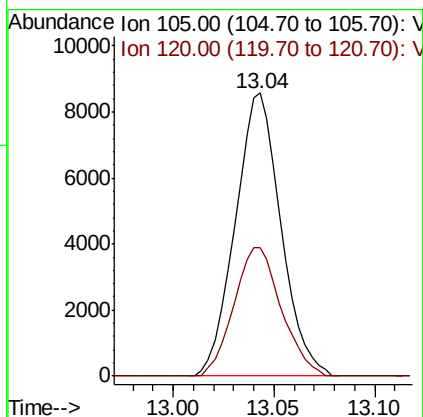
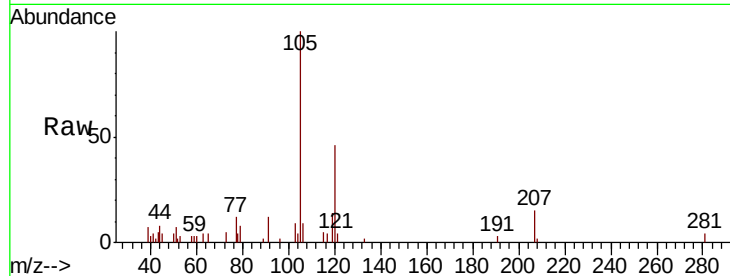




#84
 1,2,4-Trimethylbenzene
 Concen: 1.189 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112219

Tot Ion:105 Resp: 13598
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.6 67.8



#95
 Naphthalene
 Concen: 11.539 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

Tgt Ion:128 Resp: 89358
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 11.2 8.6 13.0

