

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051278.D
 Acq On : 17 Sep 2018 18:38
 Operator : MD\SY
 Sample : J4773-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-C

Quant Time: Sep 19 10:03:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	439707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	661767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	157396	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	237329	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	7.59	113	254475	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	10.09	98	872354	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.40	95	221310	36.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.20%	

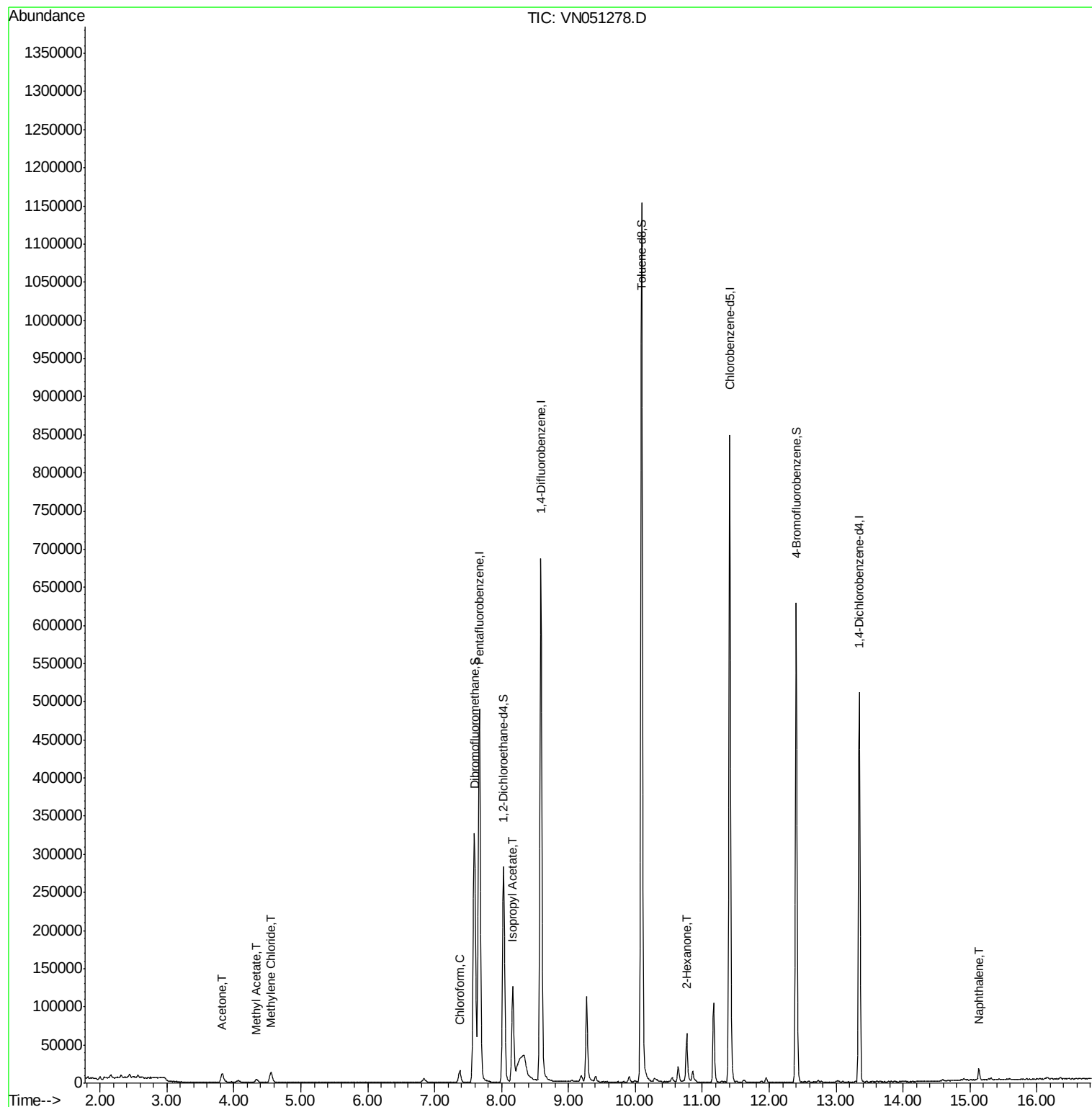
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20731	10.07	ug/l	96
18) Methyl Acetate	4.33	43	7771	1.67	ug/l	94
20) Methylene Chloride	4.55	84	10793	2.06	ug/l	90
30) Chloroform	7.38	83	17983	2.07	ug/l	96
43) Isopropyl Acetate	8.17	43	146850	23.05	ug/l	99
59) 2-Hexanone	10.76	43	10470	4.84	ug/l	62
95) Naphthalene	15.13	128	13202	8.29	ug/l	97

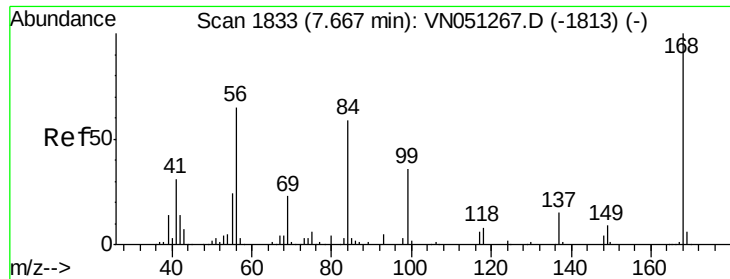
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051278.D

Acq: 17 Sep 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

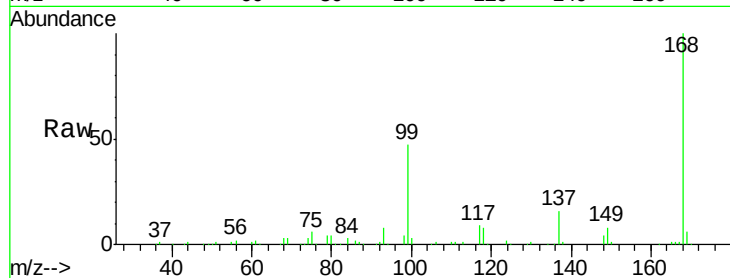
CL-01-091418-C

Tot Ion:168 Resp: 439707

Ion Ratio Lower Upper

168 100

99 47.4 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051278.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051278.D (-1740) (-)

7.67

200000

150000

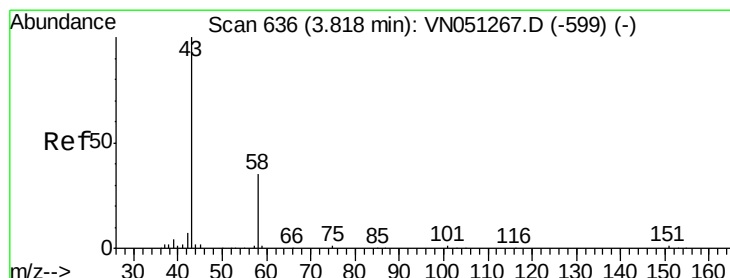
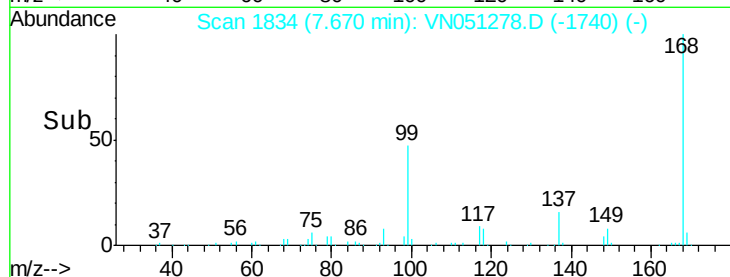
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 10.07 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051278.D

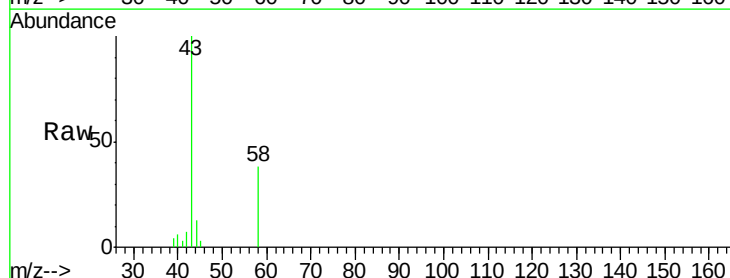
Acq: 17 Sep 2018 18:38

Tgt Ion: 43 Resp: 20731

Ion Ratio Lower Upper

43 100

58 37.5 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051278.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051278.D (-543) (-)

3.83

8000

6000

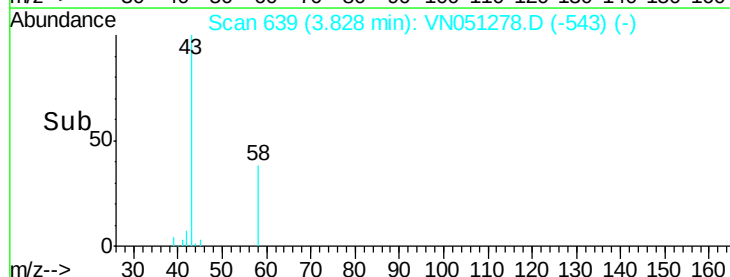
4000

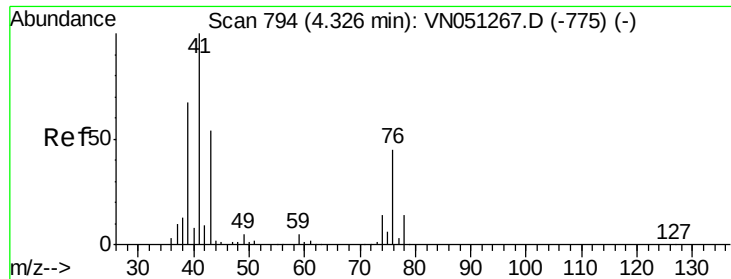
2000

0

3.80 3.90

Time-->

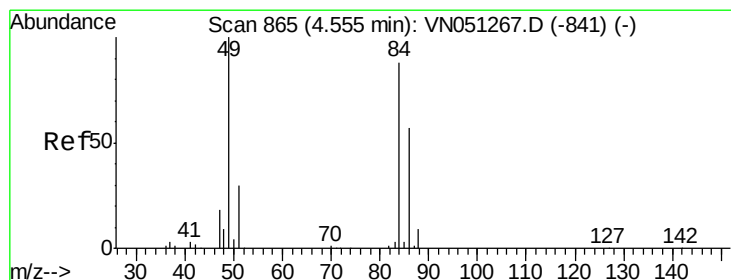
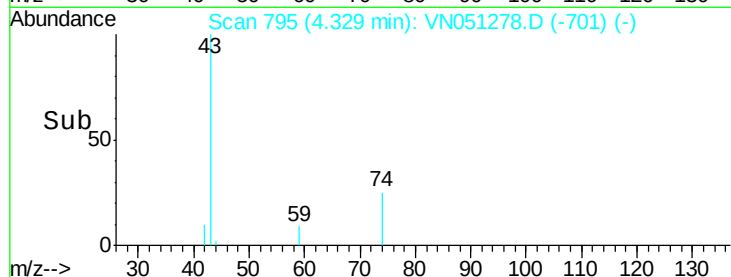
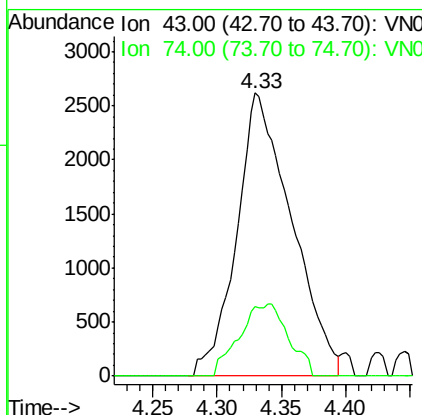
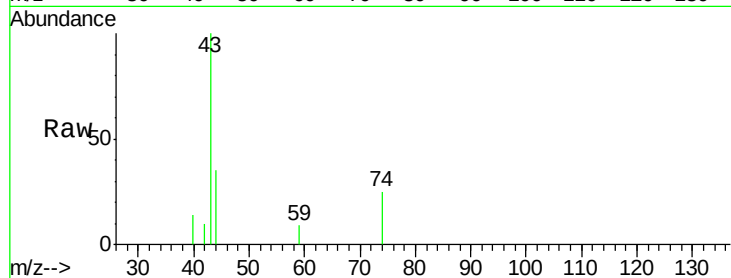




#18
Methyl Acetate
Concen: 1.67 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

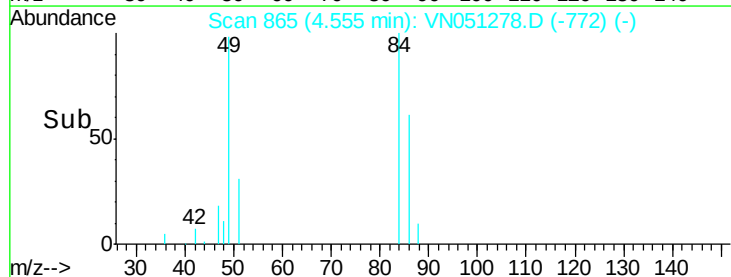
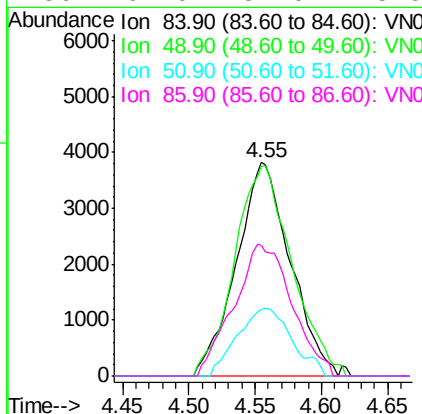
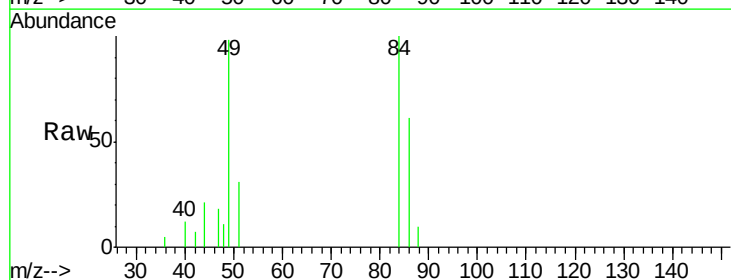
Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-C

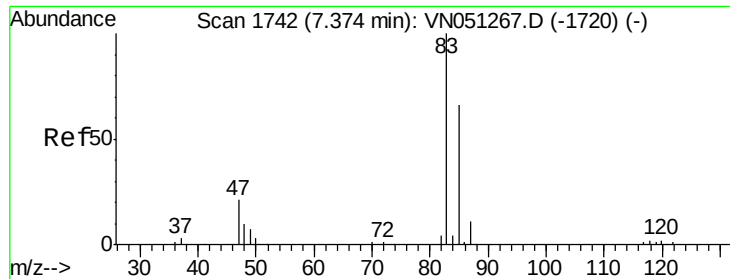
Tot Ion: 43 Resp: 7771
Ion Ratio Lower Upper
43 100
74 22.9 20.8 31.2



#20
Methylene Chloride
Concen: 2.06 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

Tgt Ion: 84 Resp: 10793
Ion Ratio Lower Upper
84 100
49 98.1 91.2 136.8
51 31.4 27.7 41.5
86 61.0 52.0 78.0

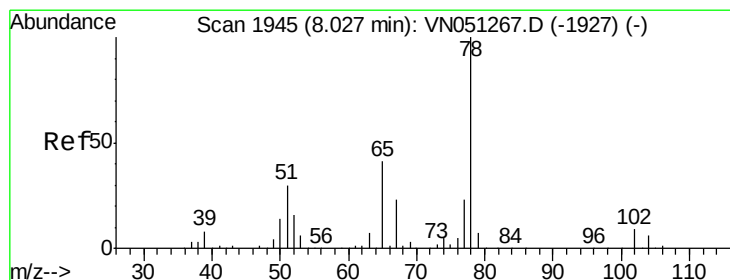
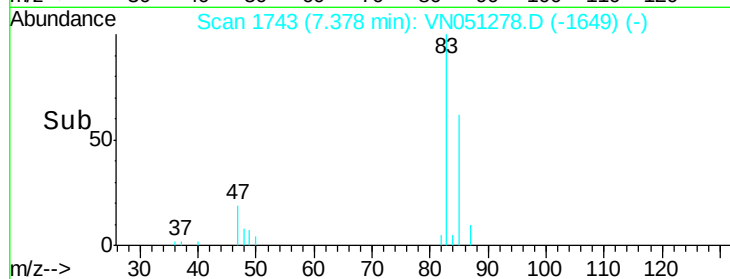
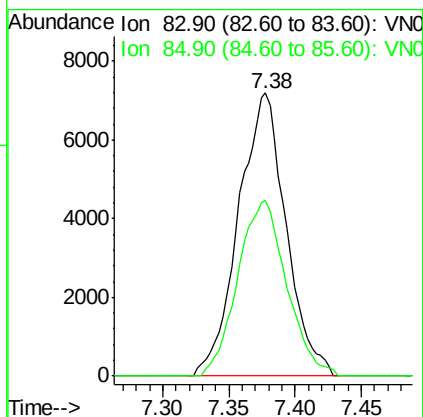
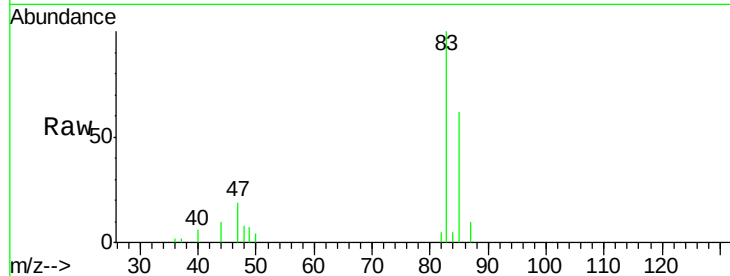




#30
Chloroform
Concen: 2.07 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

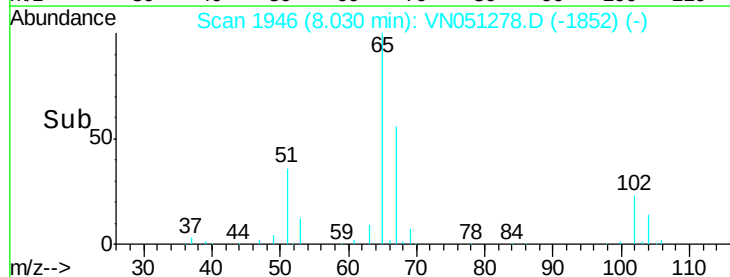
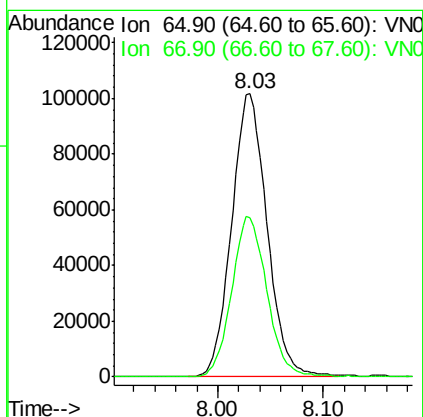
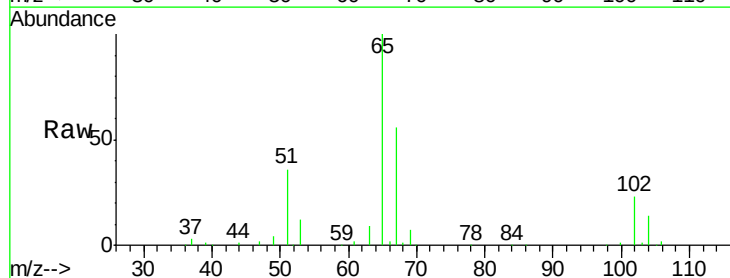
Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-C

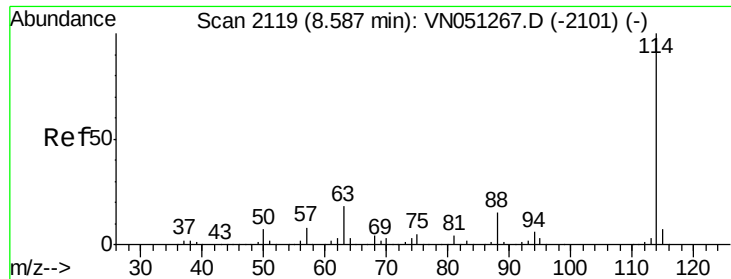
Tot Ion: 83 Resp: 17983
Ion Ratio Lower Upper
83 100
85 62.3 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 49.66 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

Tgt Ion: 65 Resp: 237329
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.0

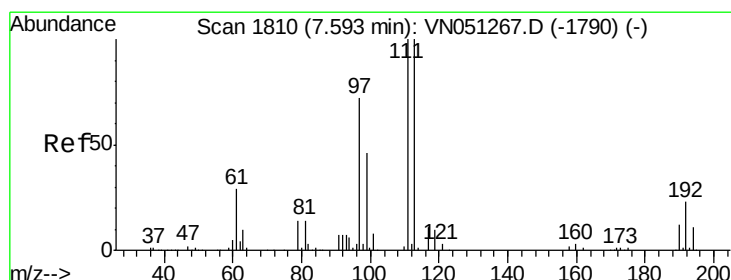
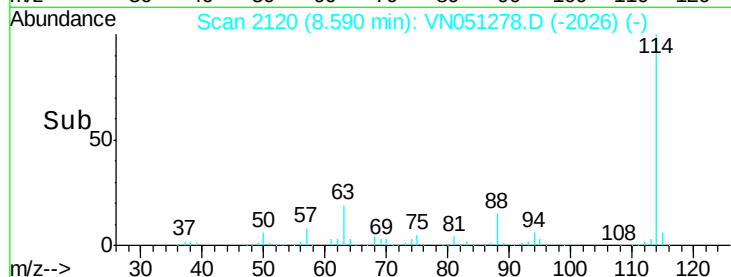
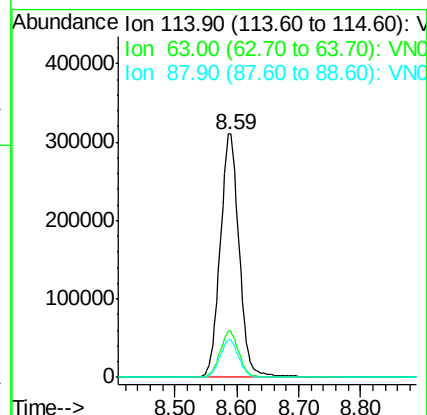
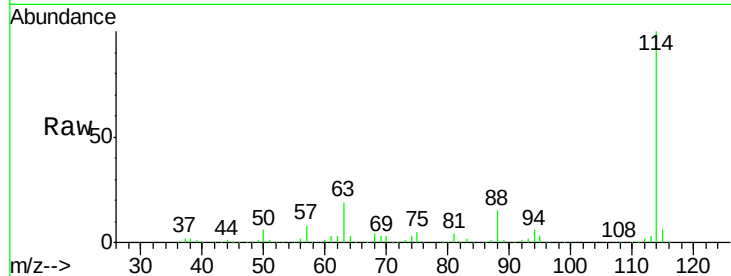




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051278.D
 Acq: 17 Sep 2018 18:38

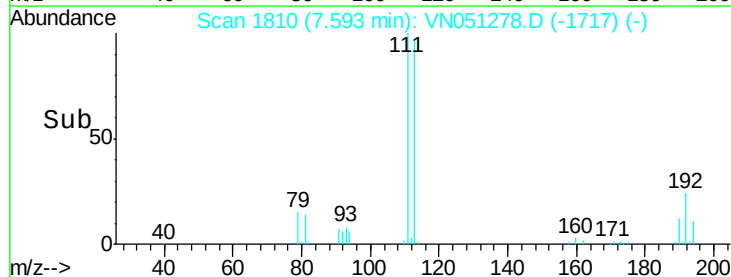
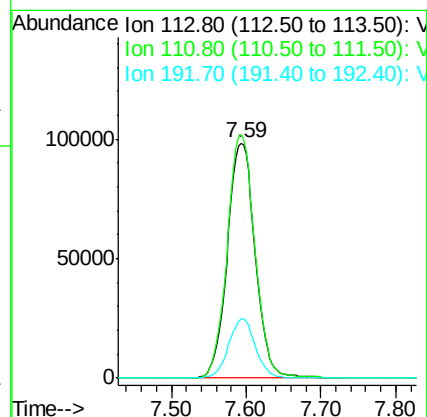
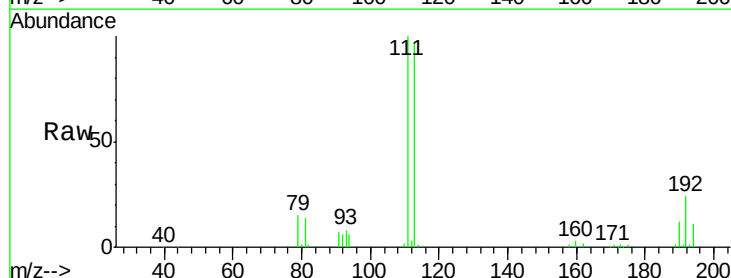
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-C

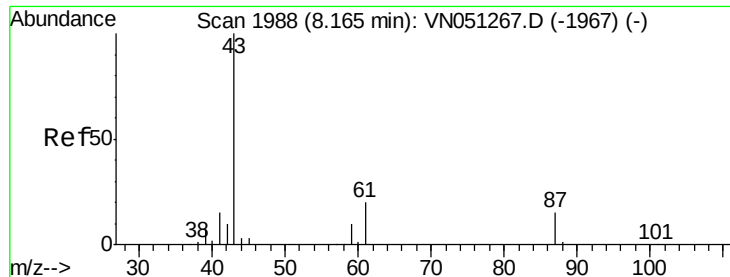
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.8
88	15.2	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 49.48 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051278.D
 Acq: 17 Sep 2018 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	24.3	19.0	28.6





#43

Isopropyl Acetate

Concen: 23.05 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051278.D

Acq: 17 Sep 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

CL-01-091418-C

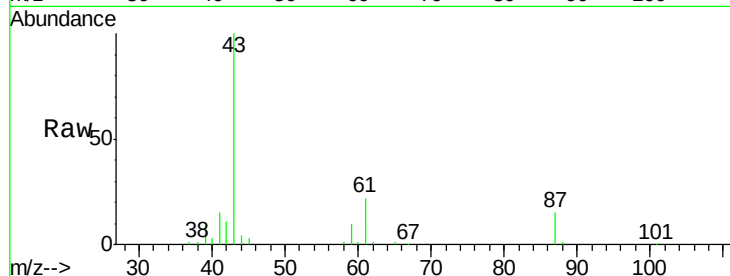
Tot Ion: 43 Resp: 146850

Ion Ratio Lower Upper

43 100

61 21.4 17.4 26.2

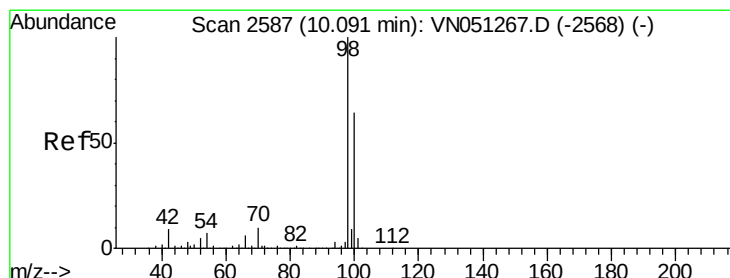
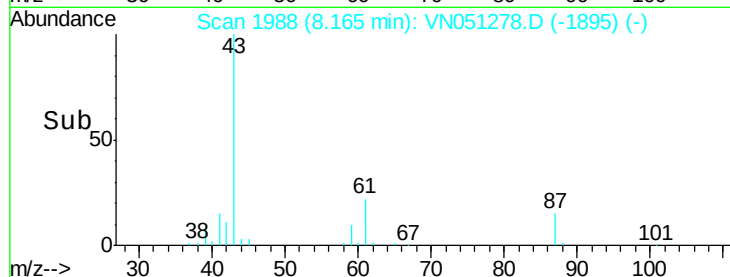
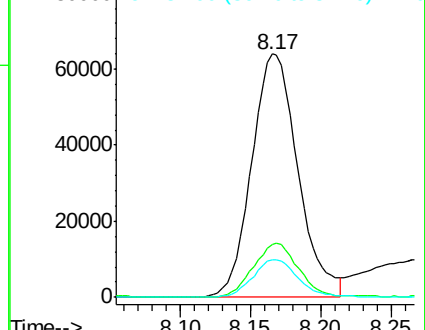
87 15.1 12.2 18.4



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051267.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051267.D (-1967) (-)



#50

Toluene-d8

Concen: 45.89 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051278.D

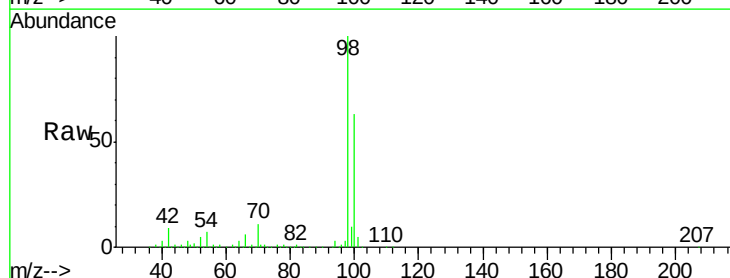
Acq: 17 Sep 2018 18:38

Tgt Ion: 98 Resp: 872354

Ion Ratio Lower Upper

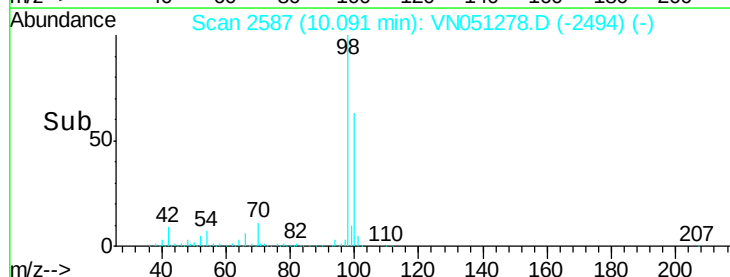
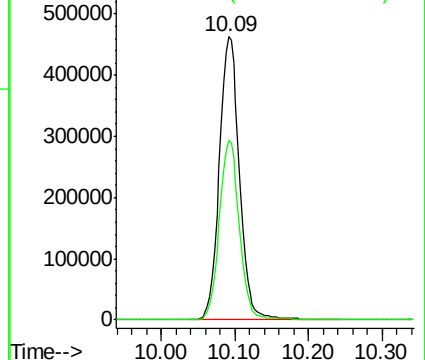
98 100

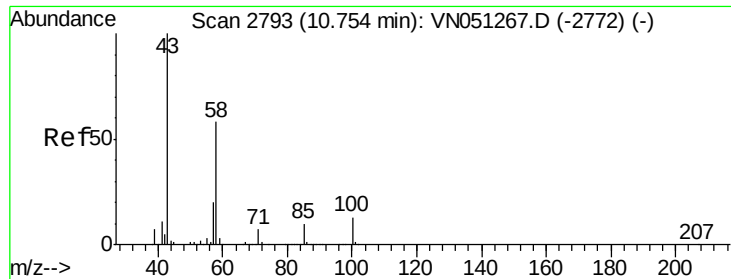
100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

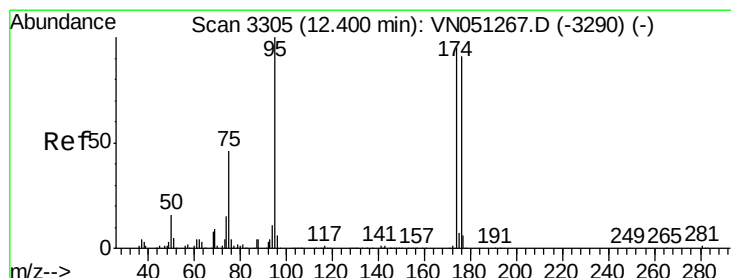
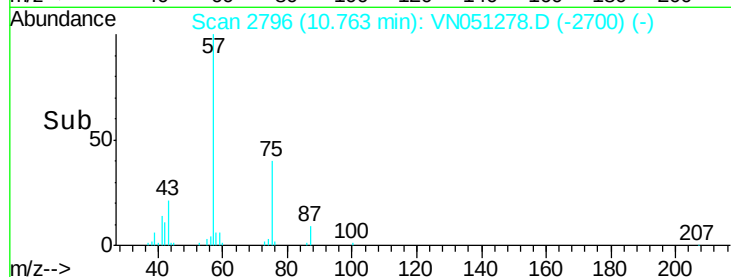
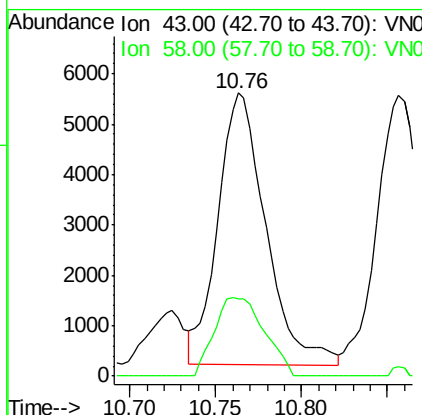
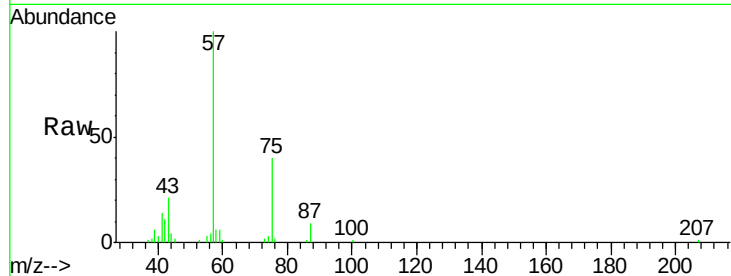




#59
2-Hexanone
Concen: 4.84 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

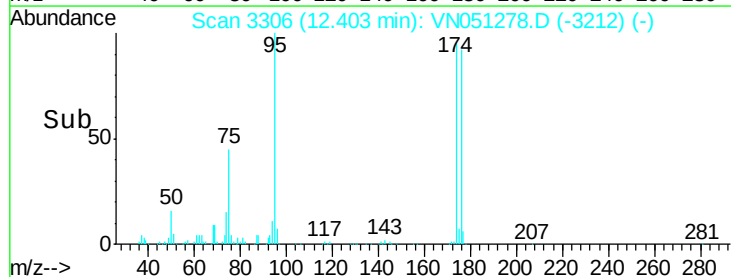
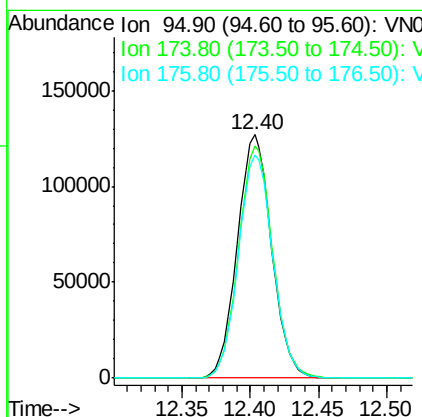
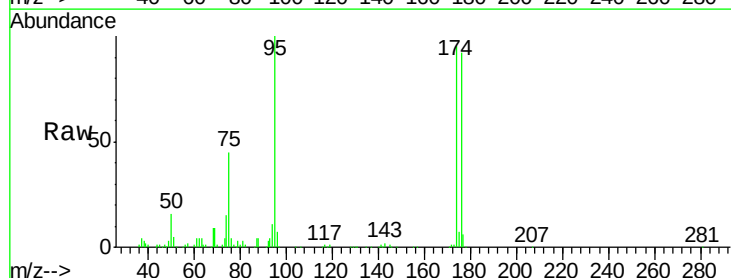
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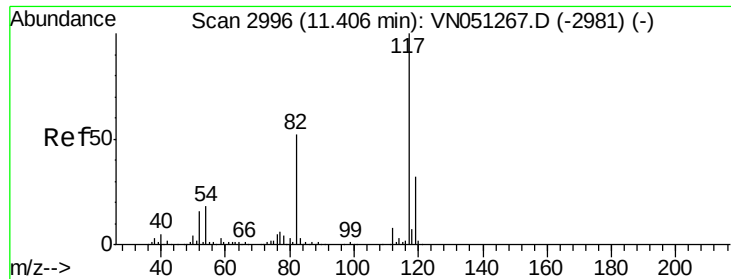
Tot Ion: 43 Resp: 10470
Ion Ratio Lower Upper
43 100
58 30.0 28.9 86.8



#62
4-Bromofluorobenzene
Concen: 36.60 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

Tgt Ion: 95 Resp: 221310
Ion Ratio Lower Upper
95 100
174 95.6 0.0 189.6
176 91.9 0.0 182.6

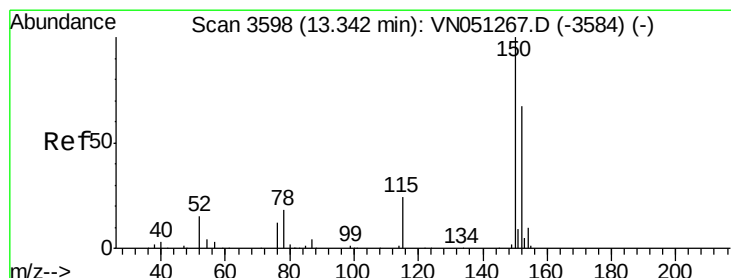
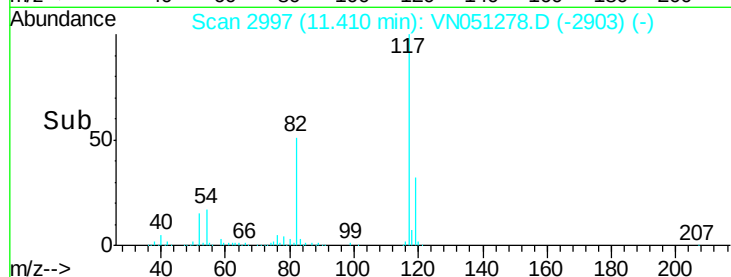
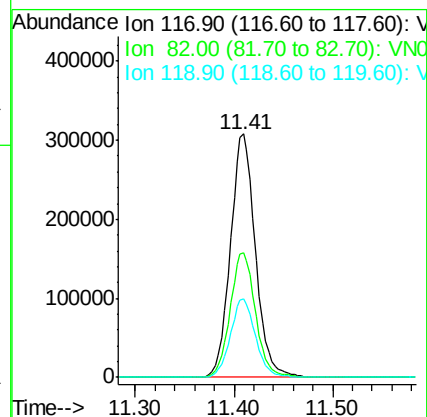
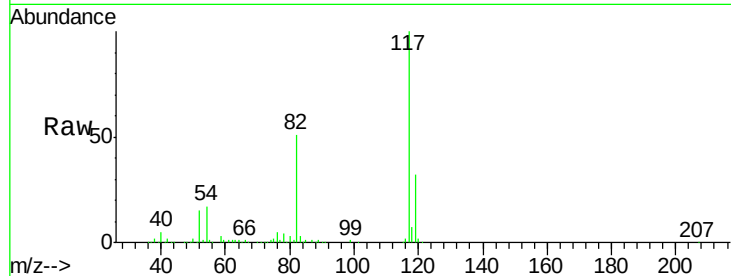




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

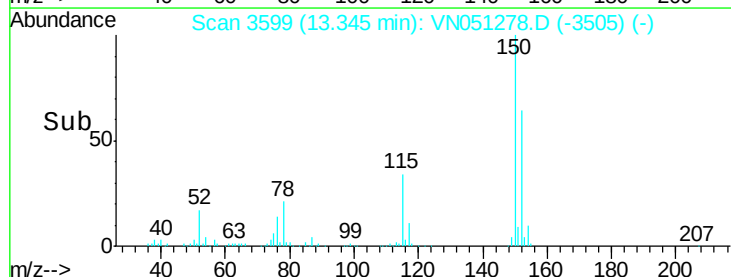
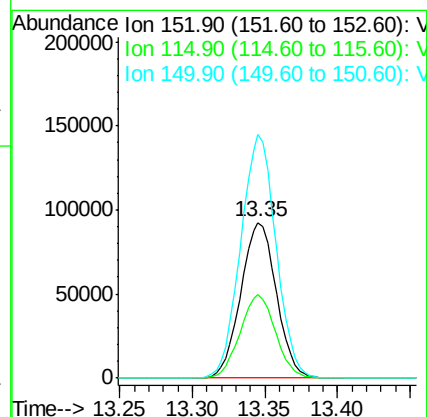
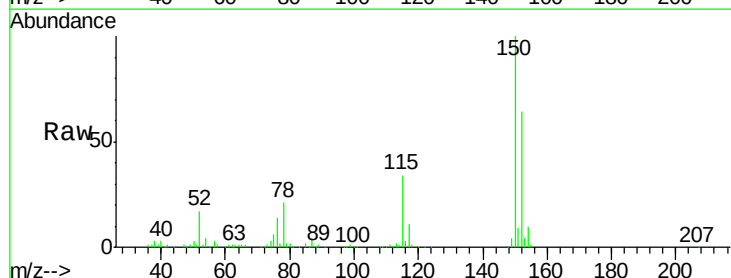
Instrument :
MSVOA_N
ClientSampleId :
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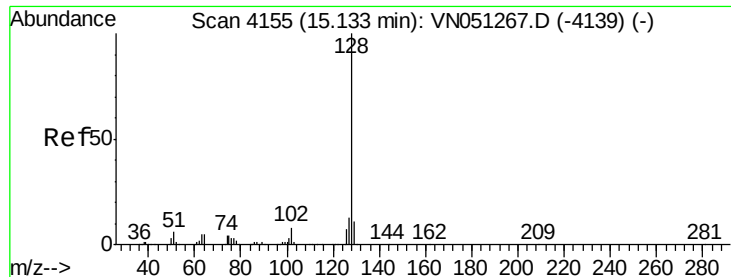
Tot Ion:117 Resp: 545663
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

Tgt Ion:152 Resp: 157396
Ion Ratio Lower Upper
152 100
115 53.3 27.1 81.2
150 155.6 0.0 349.0

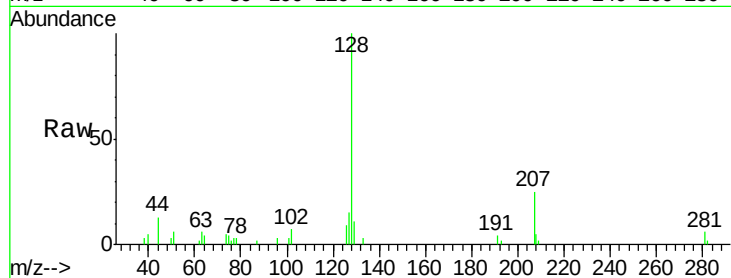




#95
Naphthalene
Concen: 8.29 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051278.D
Acq: 17 Sep 2018 18:38

Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-C

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	9.5	8.9	13.3



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

