

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064465.D
 Acq On : 5 Nov 2020 16:54
 Operator : JC/MD
 Sample : L4624-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Quant Time: Nov 06 03:33:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	534598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215000	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	244909	55.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.40%	
35) Dibromofluoromethane	7.55	113	175852	48.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.62%	
50) Toluene-d8	10.06	98	702485	49.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.38	95	276534	51.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.96%	

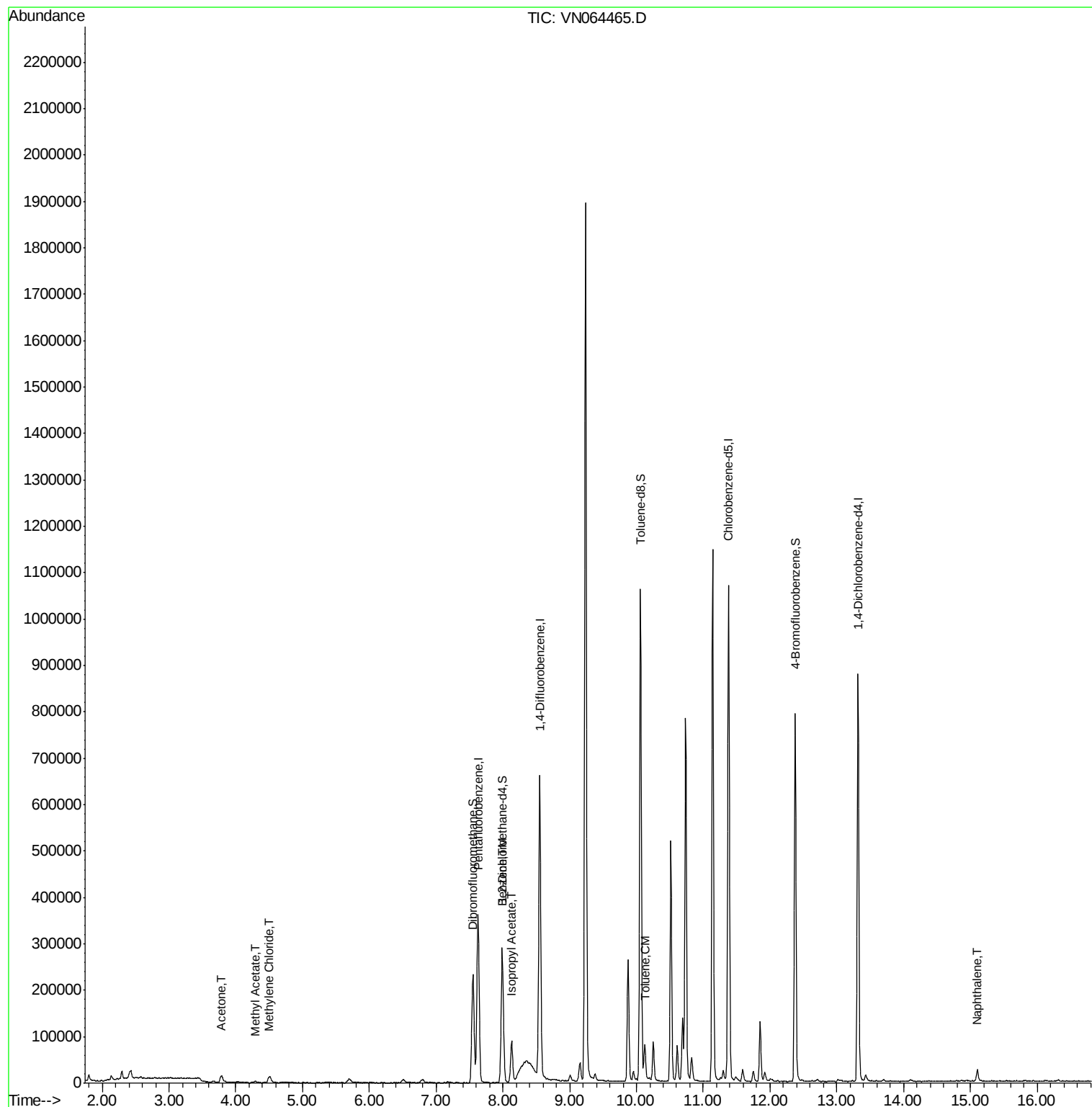
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	26031	15.404	ug/l	98
18) Methyl Acetate	4.29	43	4113	1.238	ug/l	100
20) Methylene Chloride	4.50	84	10105	3.014	ug/l	85
40) Benzene	8.00	78	23352	1.407	ug/l	99
43) Isopropyl Acetate	8.13	43	107547	11.751	ug/l	99
52) Toluene	10.13	92	30379	3.001	ug/l	100
95) Naphthalene	15.11	128	20510	5.236	ug/l	98

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064465.D

Acq: 5 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

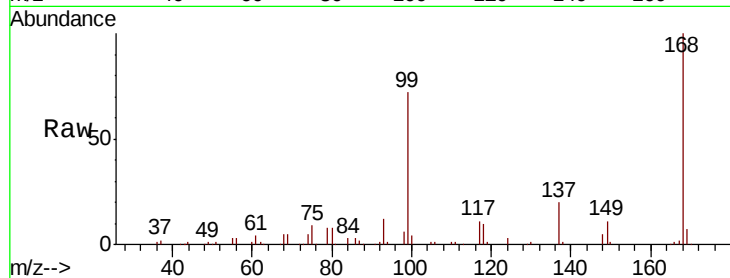
COMP-3

Tot Ion:168 Resp: 254693

Ion Ratio Lower Upper

168 100

99 71.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

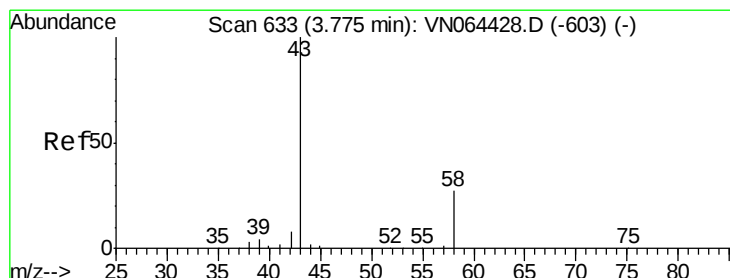
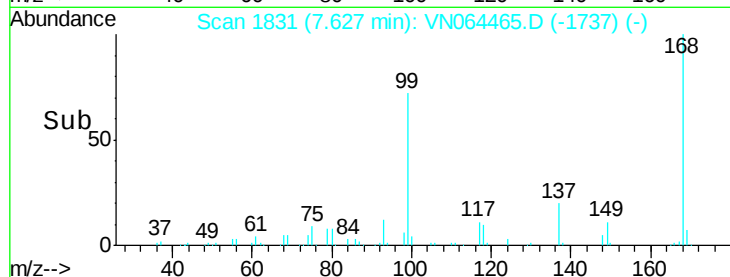
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 15.404 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064465.D

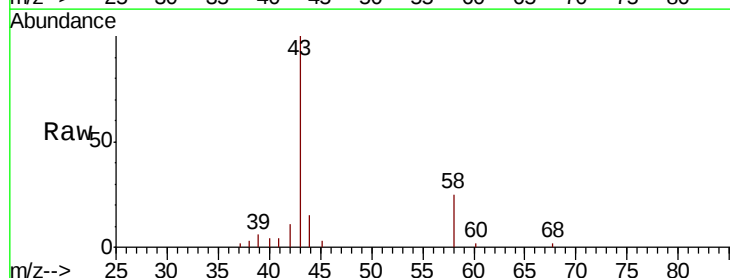
Acq: 5 Nov 2020 16:54

Tgt Ion: 43 Resp: 26031

Ion Ratio Lower Upper

43 100

58 25.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

10000

8000

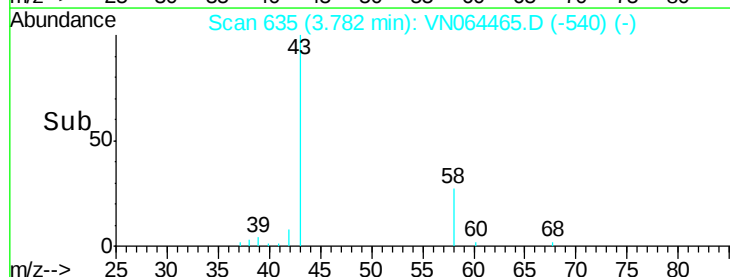
6000

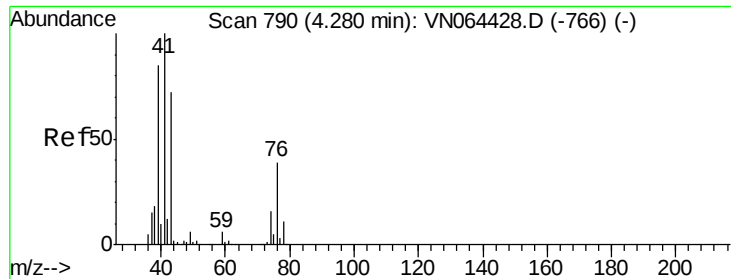
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

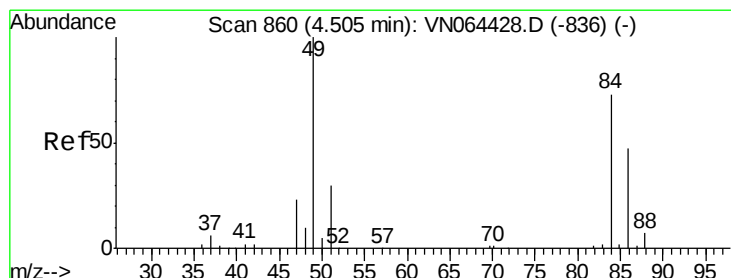
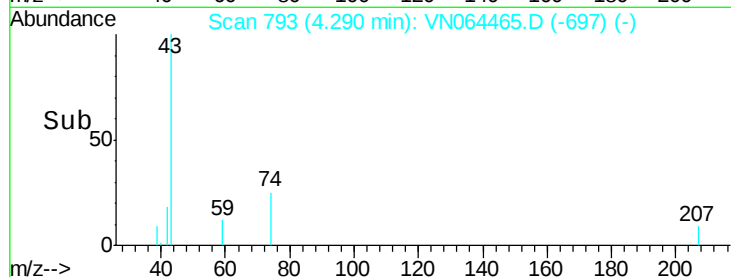
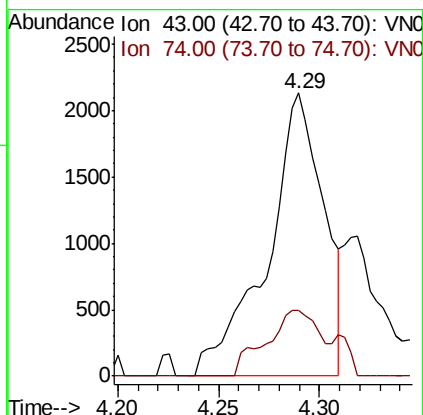
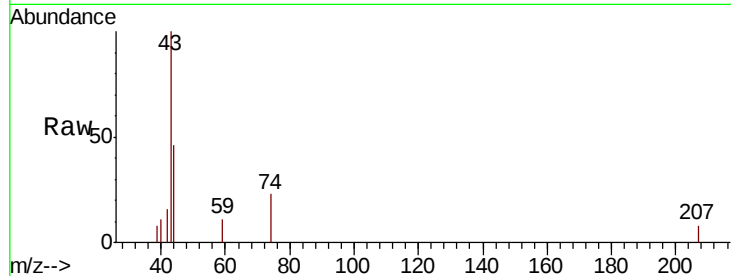




#18
Methyl Acetate
Concen: 1.238 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064465.D
Acq: 5 Nov 2020 16:54

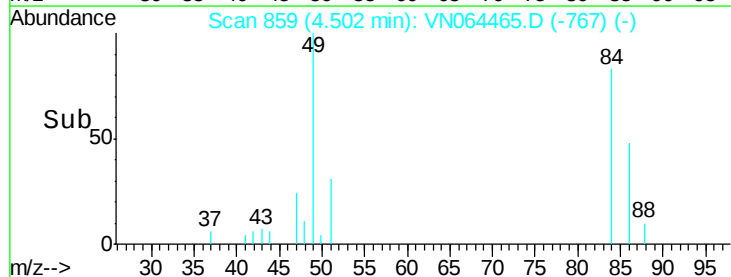
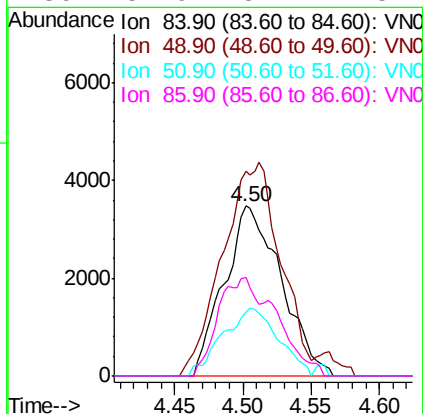
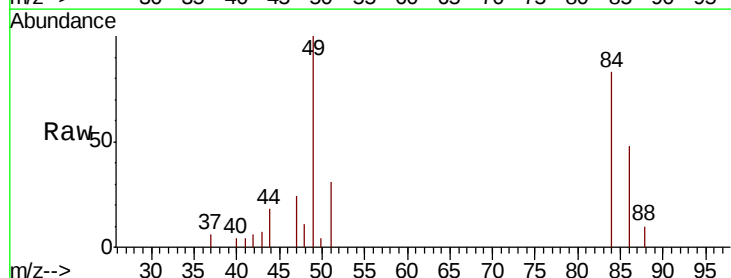
Instrument :
MSVOA_N
ClientSampled :
COMP-3

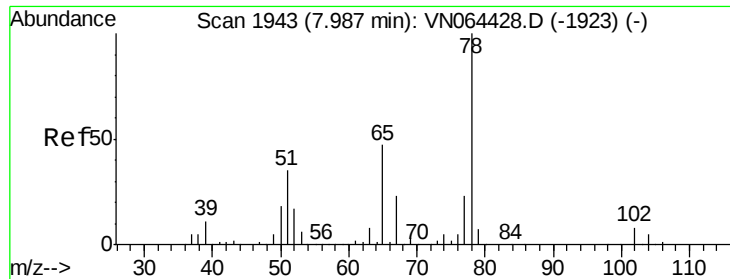
Tot Ion: 43 Resp: 4113
Ion Ratio Lower Upper
43 100
74 21.3 17.0 25.4



#20
Methylene Chloride
Concen: 3.014 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064465.D
Acq: 5 Nov 2020 16:54

Tgt Ion: 84 Resp: 10105
Ion Ratio Lower Upper
84 100
49 112.6 110.1 165.1
51 37.4 33.6 50.4
86 57.9 52.1 78.1

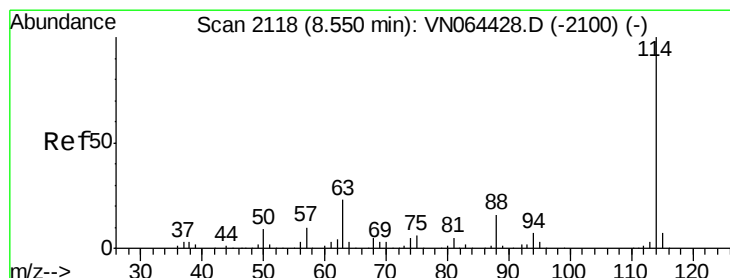
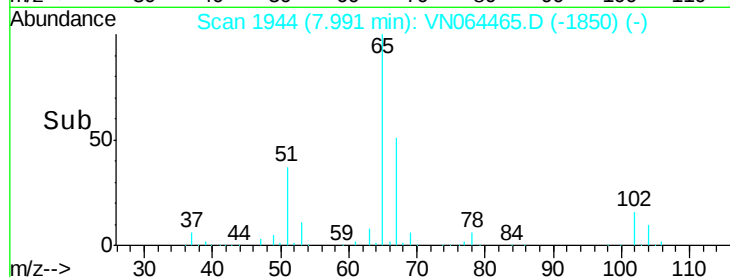
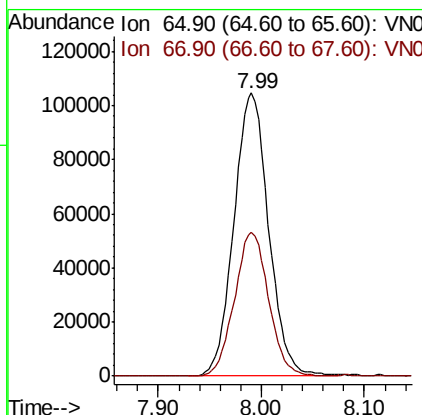
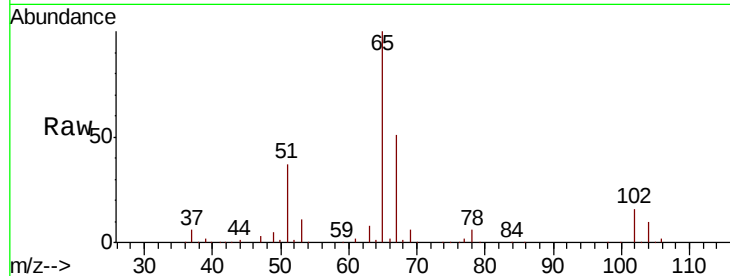




#33
 1,2-Dichloroethane-d4
 Concen: 55.205 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064465.D
 Acq: 5 Nov 2020 16:54

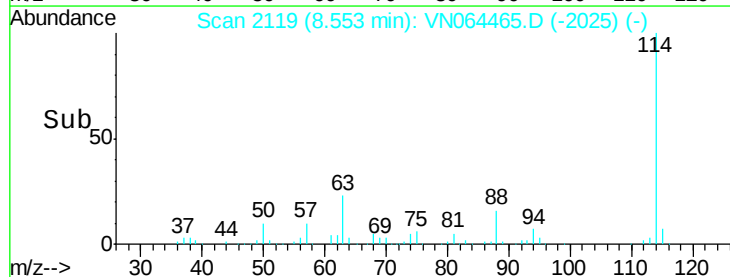
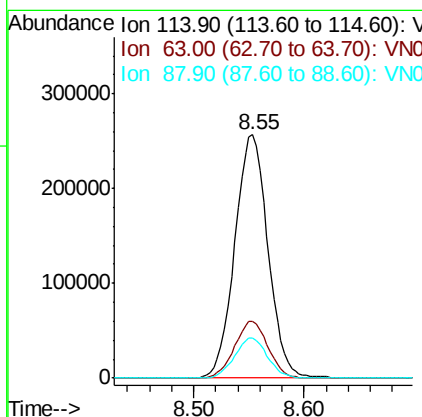
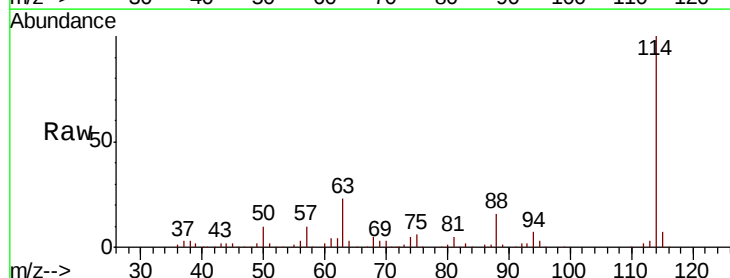
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Tot Ion: 65 Resp: 244909
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064465.D
 Acq: 5 Nov 2020 16:54

Tgt Ion: 114 Resp: 534598
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.6
 88 16.4 0.0 32.8

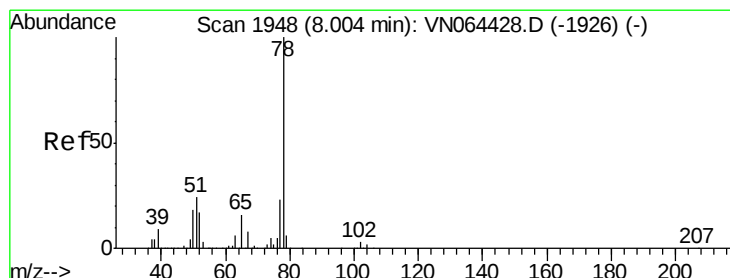
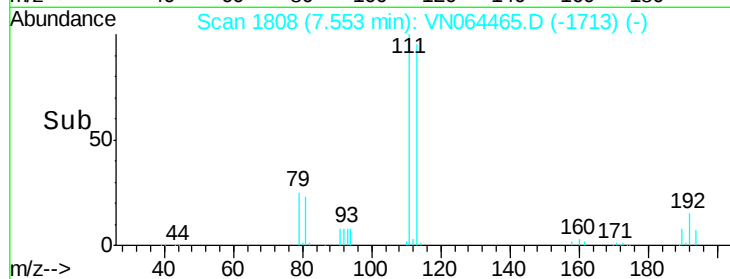
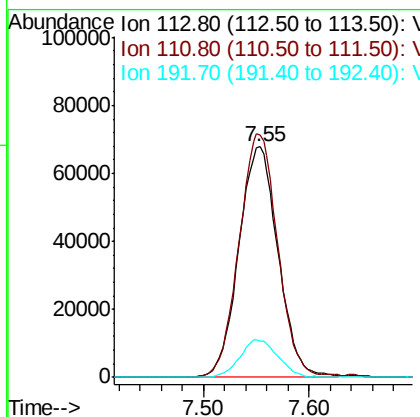
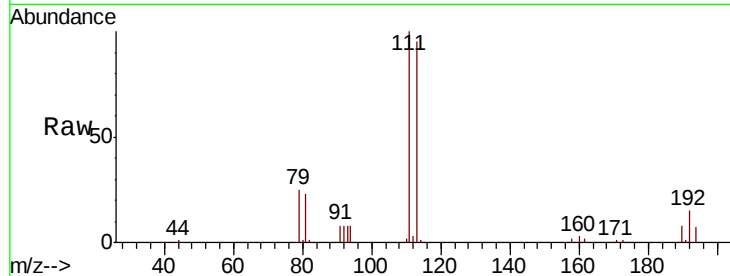




#35
 Dibromofluoromethane
 Concen: 48.313 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN064465.D
 Acq: 5 Nov 2020 16:54

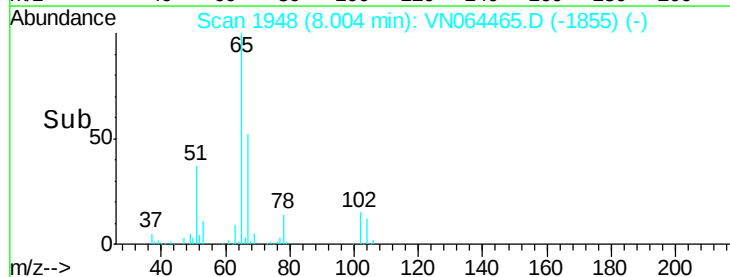
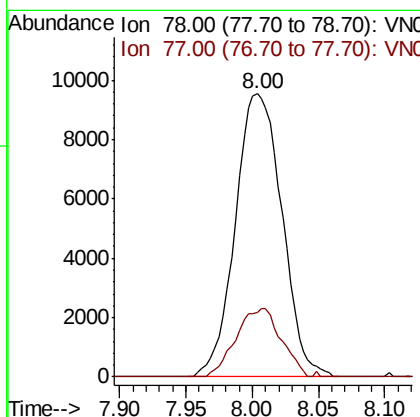
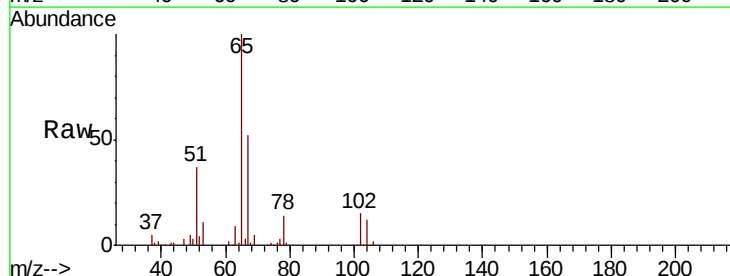
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

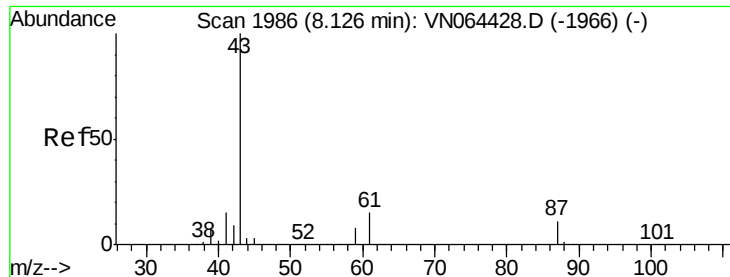
Tot Ion:113 Resp: 175852
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.1 121.7
 192 15.8 12.8 19.2



#40
 Benzene
 Concen: 1.407 ug/l
 RT: 8.00 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VN064465.D
 Acq: 5 Nov 2020 16:54

Tgt Ion: 78 Resp: 23352
 Ion Ratio Lower Upper
 78 100
 77 22.8 18.7 28.1





#43

Isopropyl Acetate

Concen: 11.751 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064465.D

Acq: 5 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

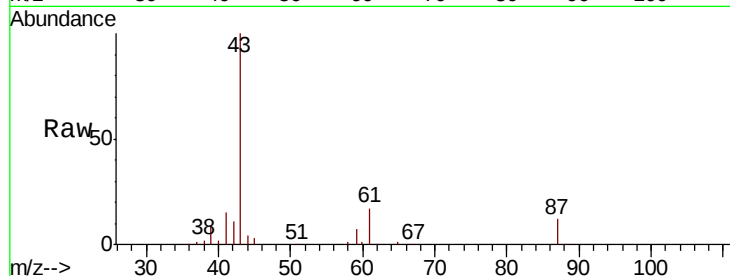
Tot Ion: 43 Resp: 107547

Ion Ratio Lower Upper

43 100

61 17.3 14.0 21.0

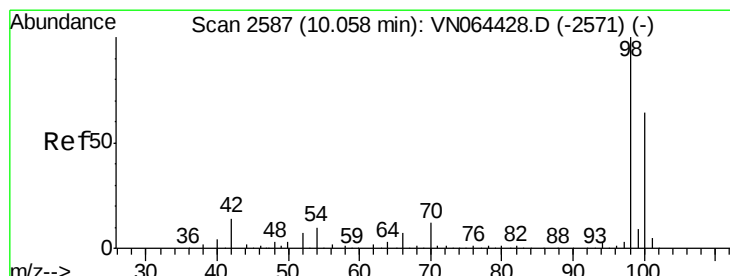
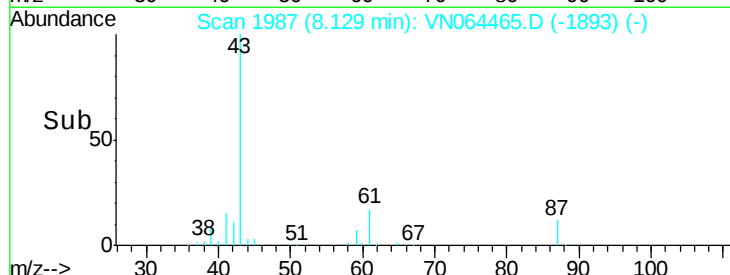
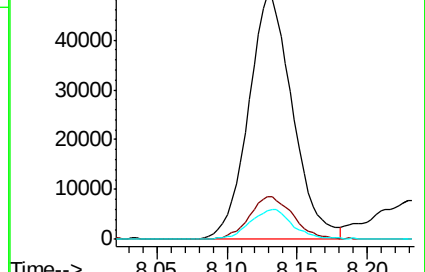
87 11.8 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#50

Toluene-d8

Concen: 49.934 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064465.D

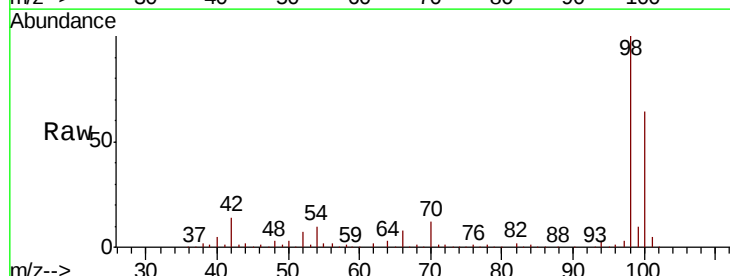
Acq: 5 Nov 2020 16:54

Tgt Ion: 98 Resp: 702485

Ion Ratio Lower Upper

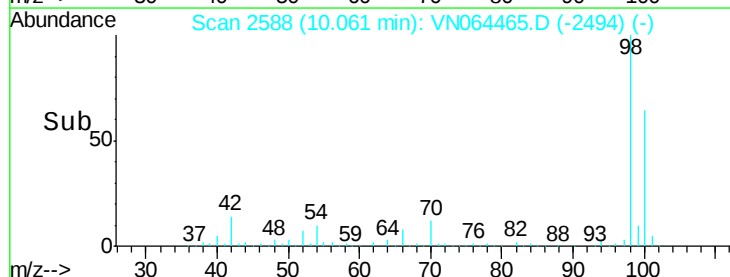
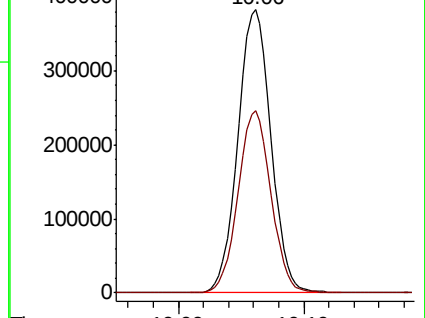
98 100

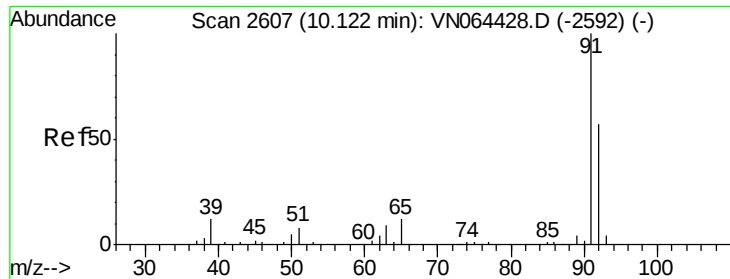
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#52

Toluene

Concen: 3.001 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064465.D

Acq: 5 Nov 2020 16:54

Instrument :

MSVOA_N

ClientSampleId :

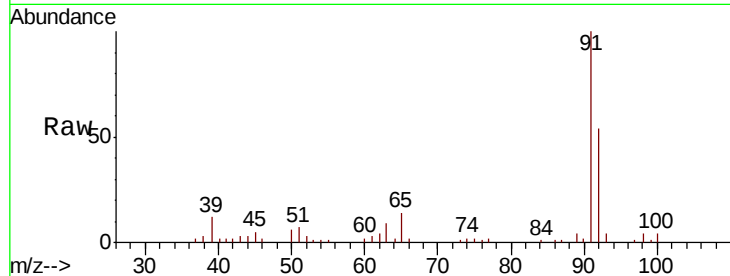
COMP-3

Tot Ion: 92 Resp: 30379

Ion Ratio Lower Upper

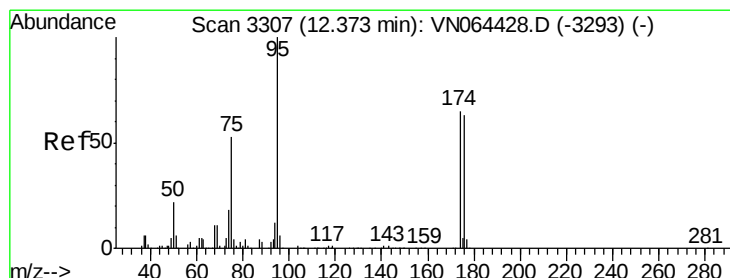
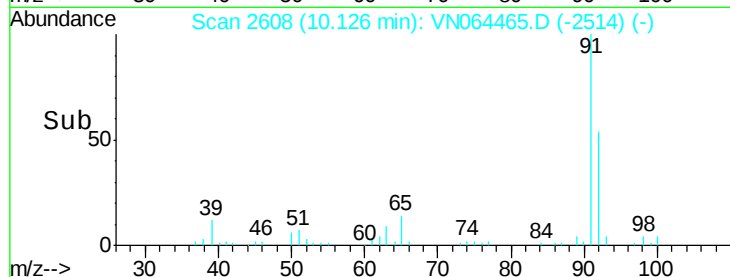
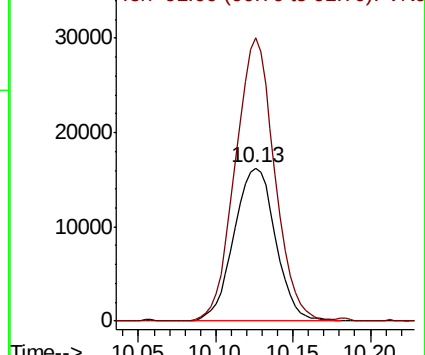
92 100

91 174.1 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)



#62

4-Bromofluorobenzene

Concen: 51.976 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064465.D

Acq: 5 Nov 2020 16:54

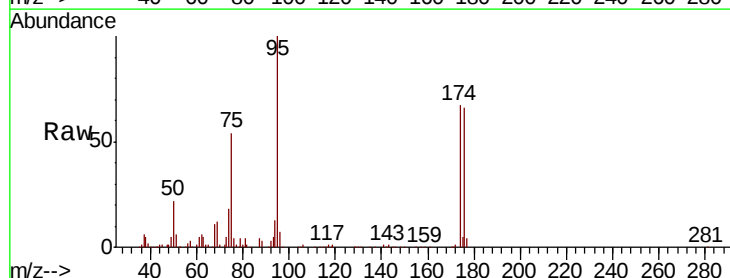
Tgt Ion: 95 Resp: 276534

Ion Ratio Lower Upper

95 100

174 67.7 0.0 132.6

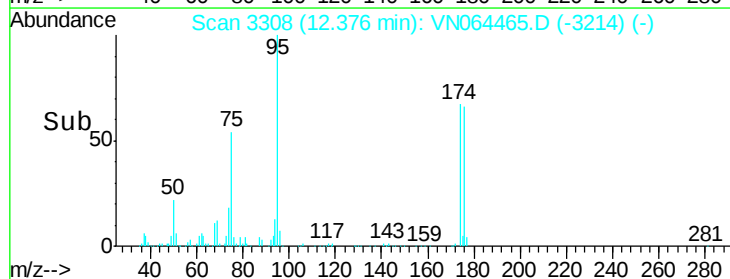
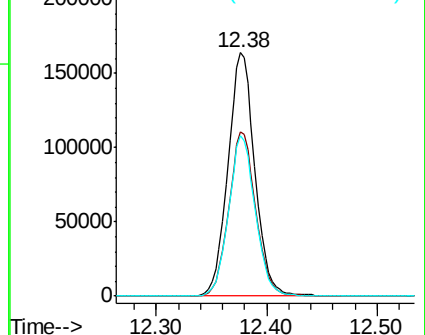
176 65.1 0.0 129.2

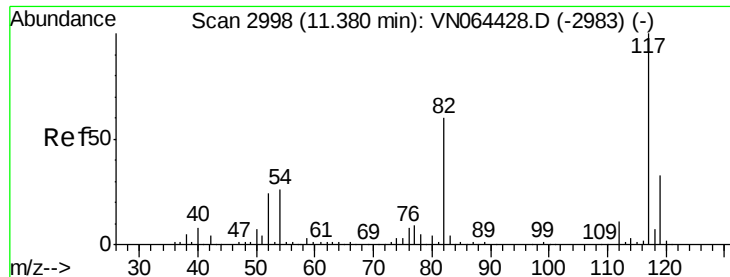


Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

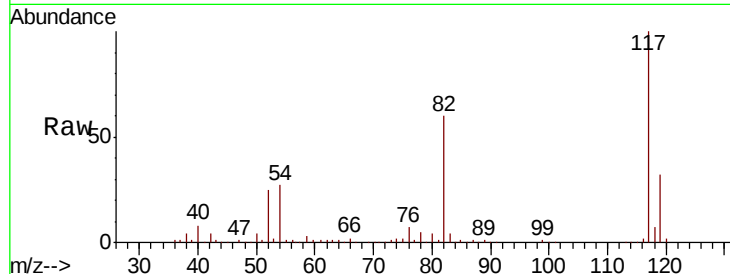




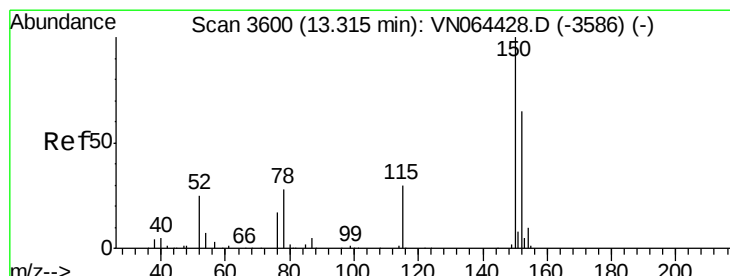
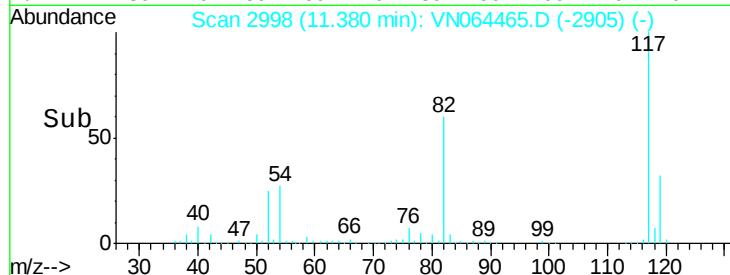
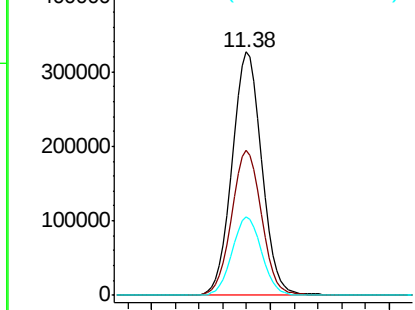
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064465.D
Acq: 5 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampled :
COMP-3

Tot Ion:117 Resp: 565052
Ion Ratio Lower Upper
117 100
82 59.6 48.1 72.1
119 32.1 26.2 39.4

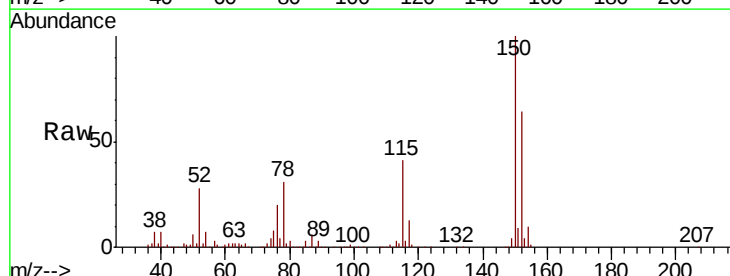


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

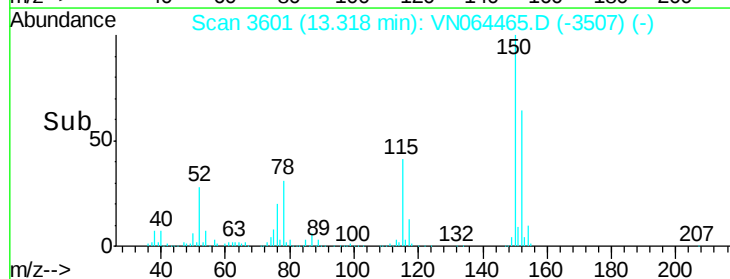
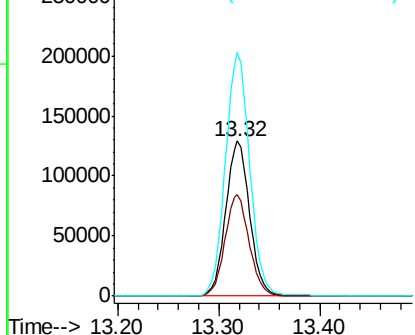


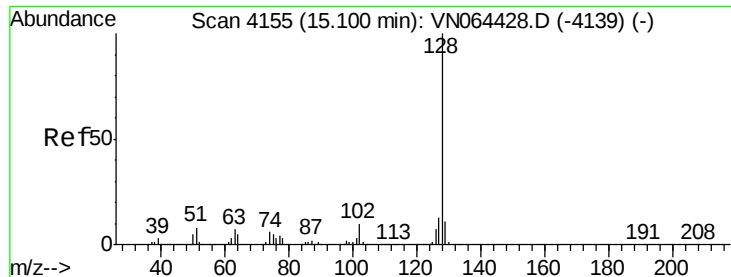
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064465.D
Acq: 5 Nov 2020 16:54

Tgt Ion:152 Resp: 215000
Ion Ratio Lower Upper
152 100
115 66.0 32.0 96.0
150 158.6 0.0 353.8



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: 5.236 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064465.D
Acq: 5 Nov 2020 16:54

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	9.7	8.8	13.2

