

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064463.D
 Acq On : 5 Nov 2020 16:05
 Operator : JC/MD
 Sample : L4624-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Nov 06 03:29:06 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	240549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	496935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	538315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201289	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	230264	54.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.92%	
35) Dibromofluoromethane	7.55	113	167415	49.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.96%	
50) Toluene-d8	10.06	98	661149	50.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	257110	51.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.98%	

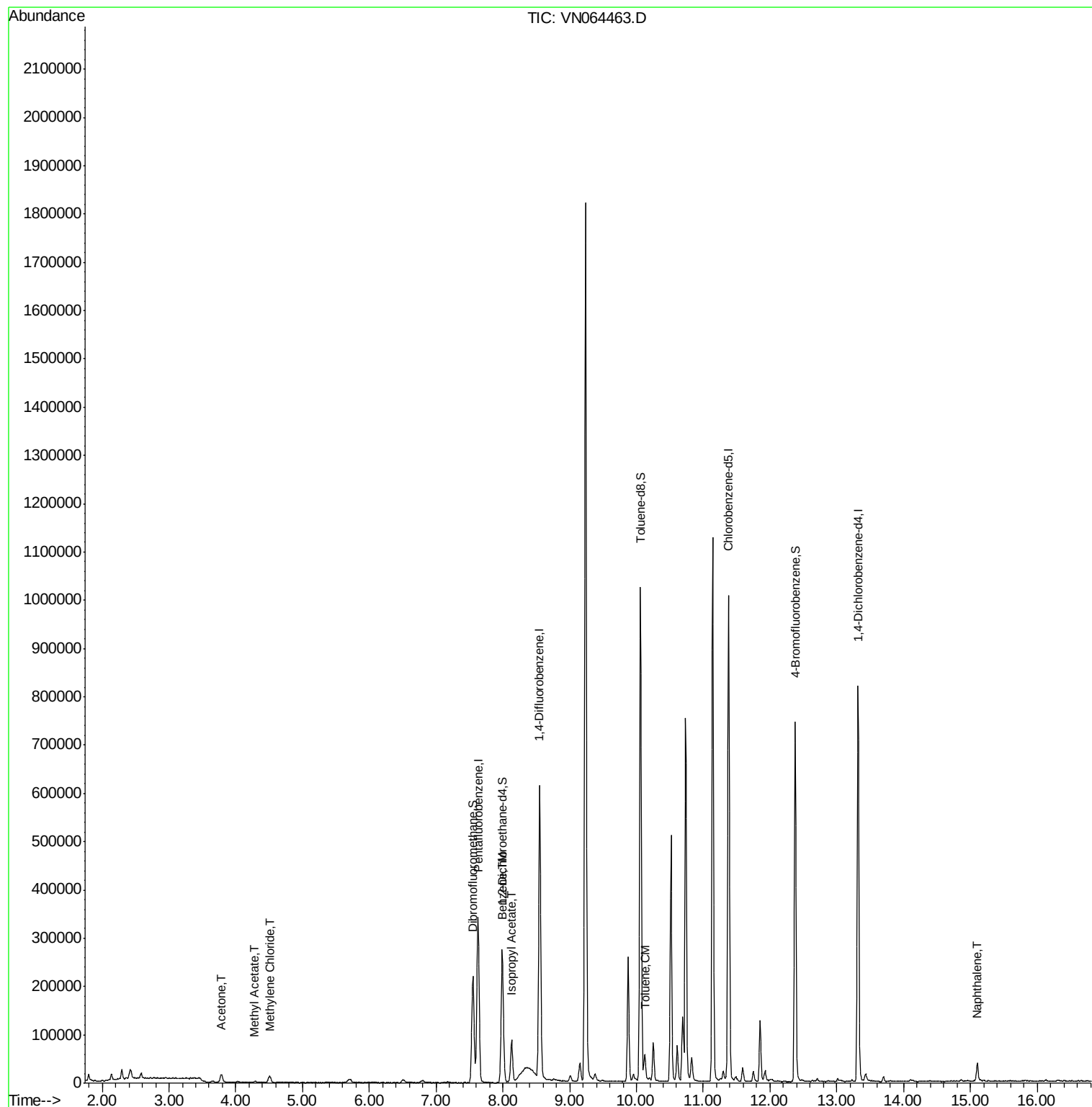
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	28537	17.880	ug/l	97
18) Methyl Acetate	4.29	43	4966	1.583	ug/l #	87
20) Methylene Chloride	4.51	84	9440	2.981	ug/l	91
40) Benzene	8.01	78	19776	1.282	ug/l	96
43) Isopropyl Acetate	8.13	43	104014	12.226	ug/l	99
52) Toluene	10.13	92	21675	2.304	ug/l	98
95) Naphthalene	15.11	128	33124	6.406	ug/l	99

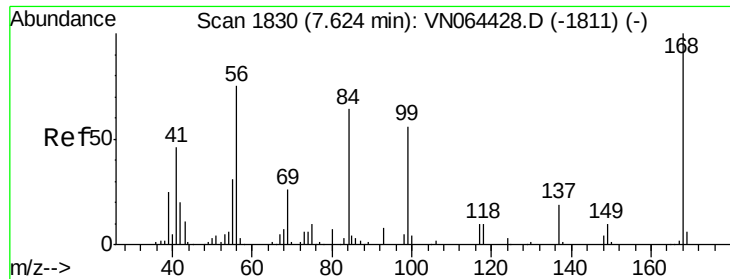
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
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: VN064463.D

Acq: 5 Nov 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

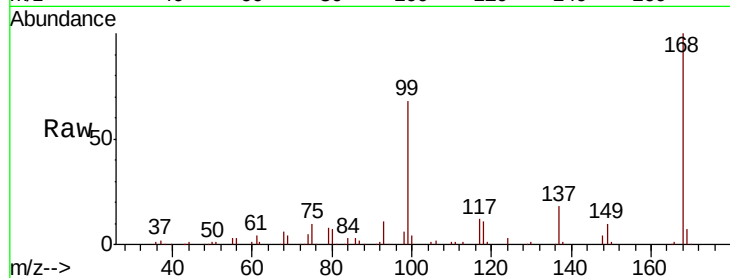
COMP-1

Tot Ion:168 Resp: 240549

Ion Ratio Lower Upper

168 100

99 67.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

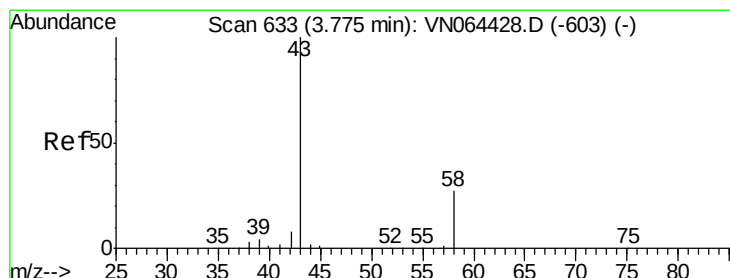
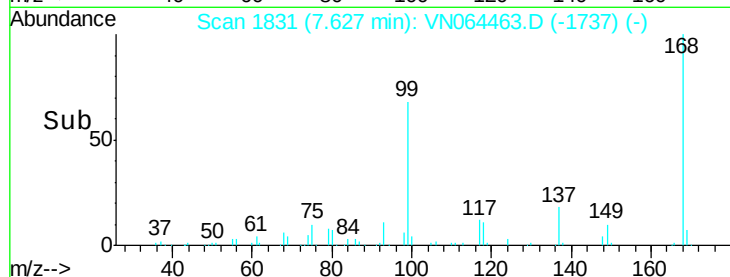
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 17.880 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064463.D

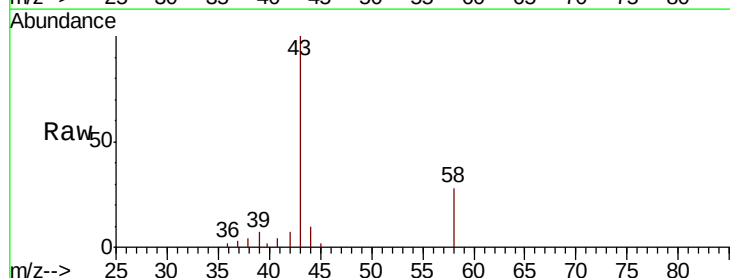
Acq: 5 Nov 2020 16:05

Tgt Ion: 43 Resp: 28537

Ion Ratio Lower Upper

43 100

58 28.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

12000

10000

8000

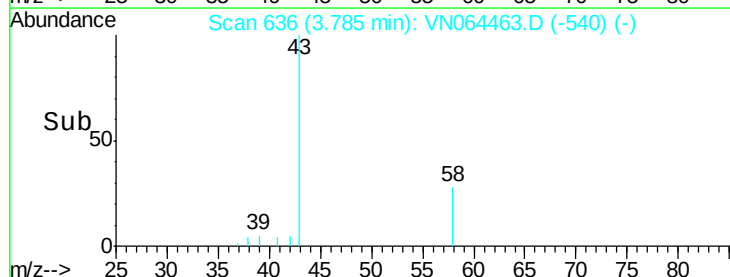
6000

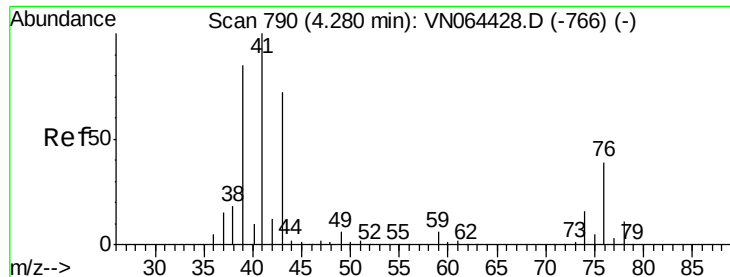
4000

2000

0

Time--> 3.70 3.80 3.90





#18

Methyl Acetate

Concen: 1.583 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064463.D

Acq: 5 Nov 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

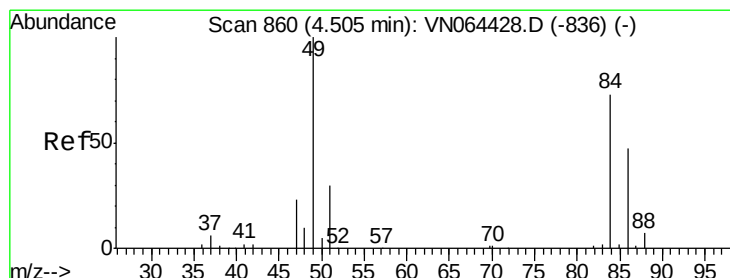
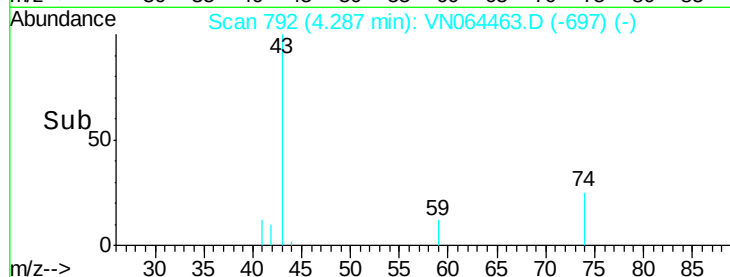
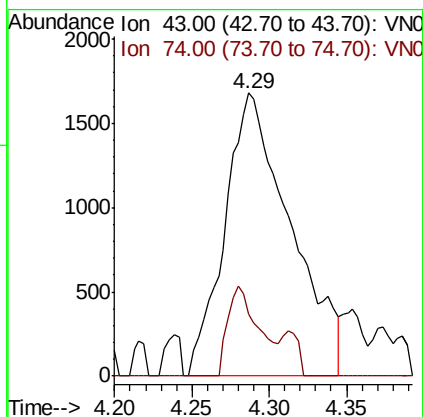
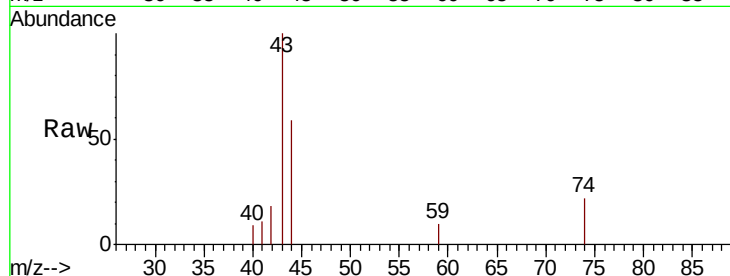
COMP-1

Tot Ion: 43 Resp: 4966

Ion Ratio Lower Upper

43 100

74 15.1 17.0 25.4#



#20

Methylene Chloride

Concen: 2.981 ug/l

RT: 4.51 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN064463.D

Acq: 5 Nov 2020 16:05

Tgt Ion: 84 Resp: 9440

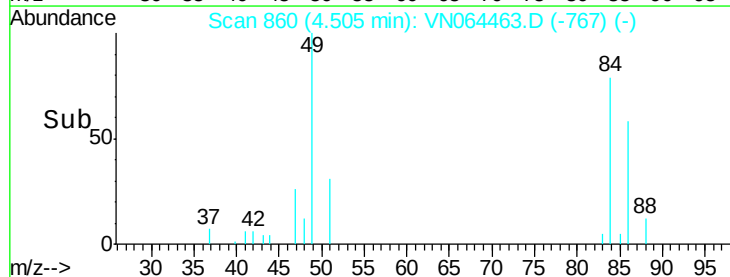
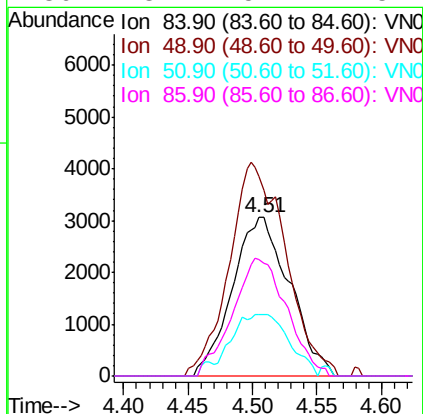
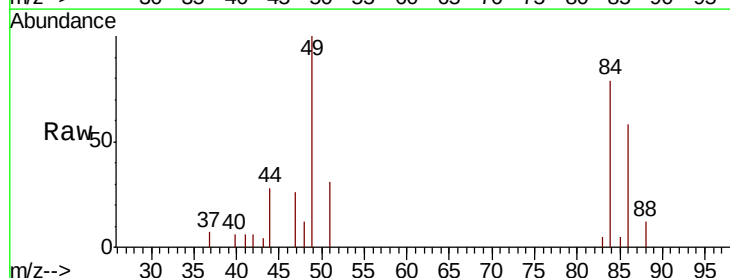
Ion Ratio Lower Upper

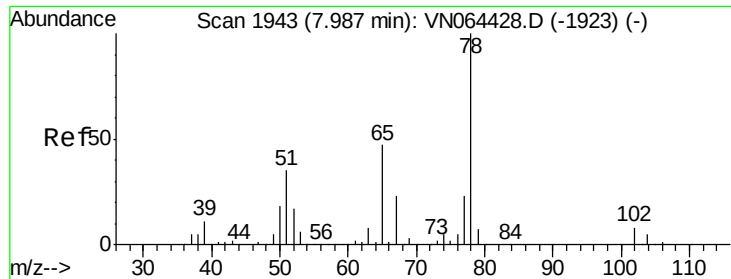
84 100

49 126.3 110.1 165.1

51 38.9 33.6 50.4

86 73.2 52.1 78.1

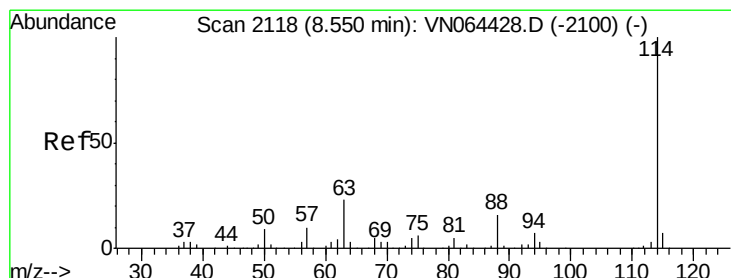
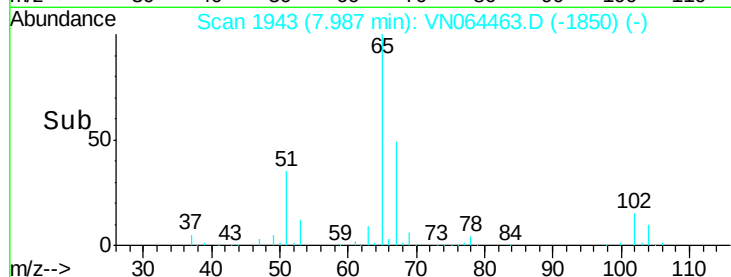
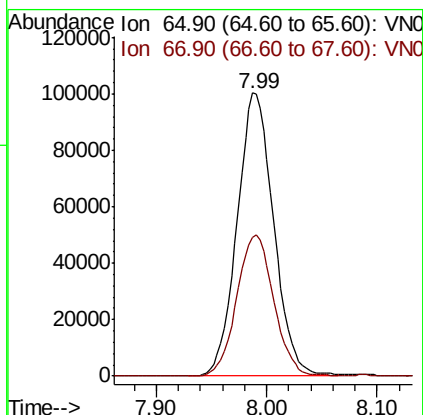
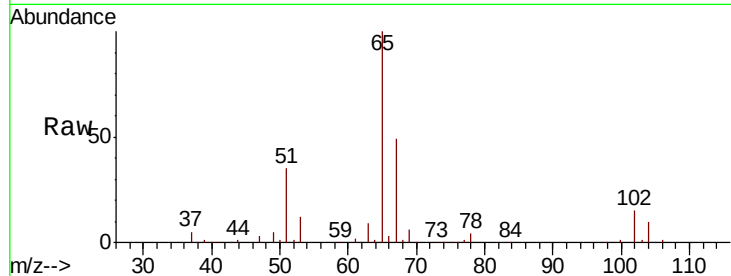




#33
 1,2-Dichloroethane-d4
 Concen: 54.956 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064463.D
 Acq: 5 Nov 2020 16:05

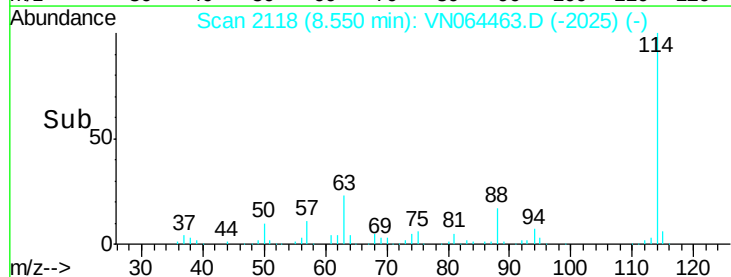
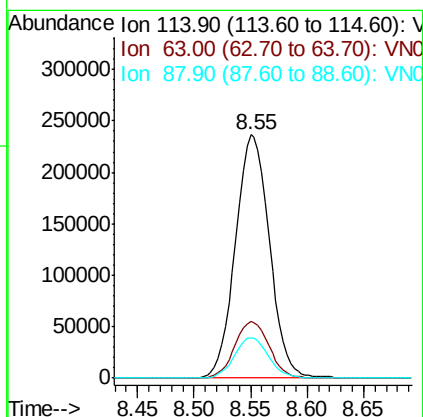
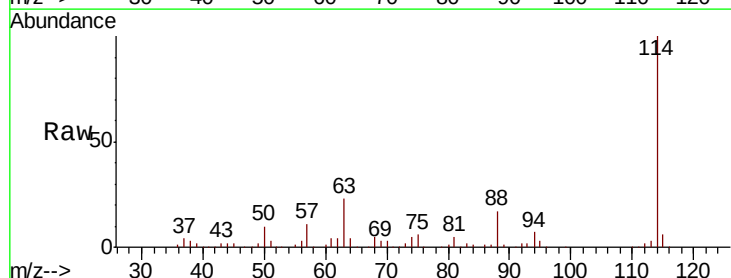
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

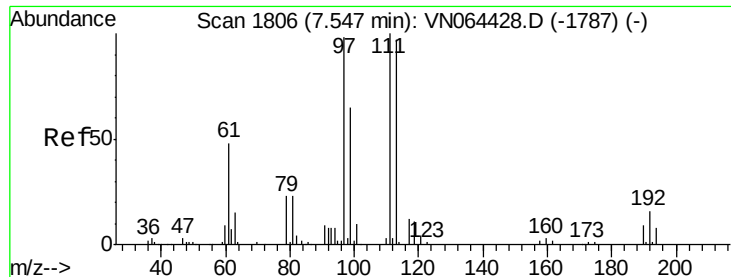
Tot Ion: 65 Resp: 230264
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064463.D
 Acq: 5 Nov 2020 16:05

Tgt Ion: 114 Resp: 496935
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.7 0.0 32.8

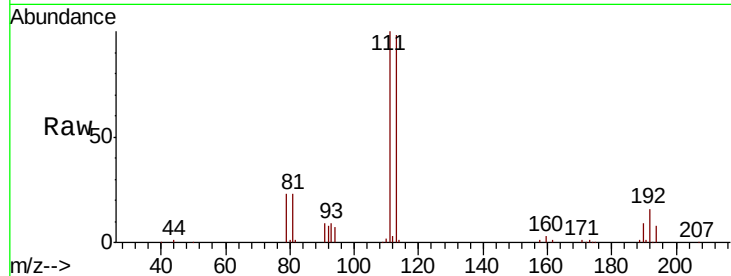




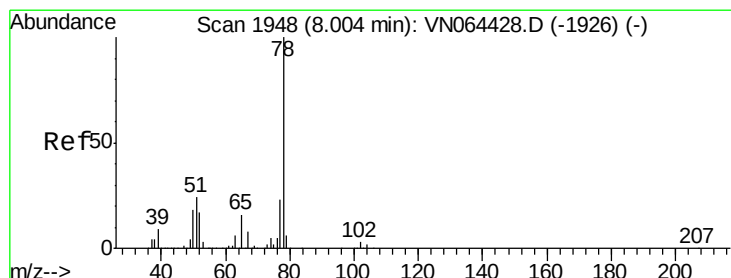
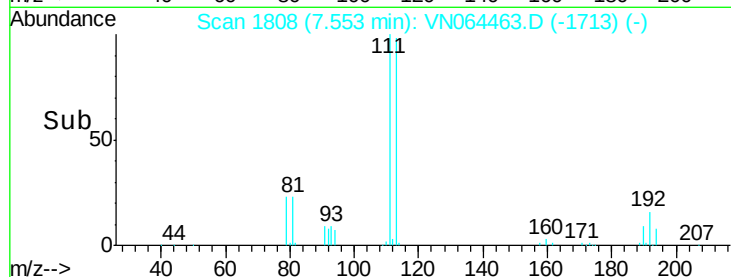
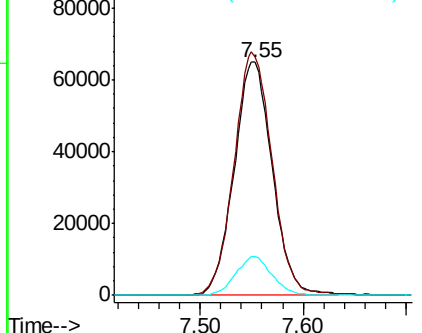
#35
 Dibromofluoromethane
 Concen: 49.481 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064463.D
 Acq: 5 Nov 2020 16:05

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

Tot Ion:113 Resp: 167415
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.1 121.7
 192 15.7 12.8 19.2

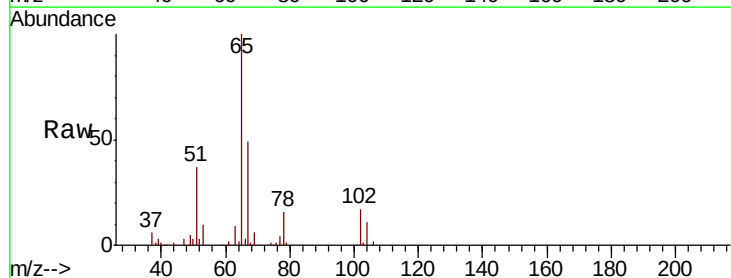


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

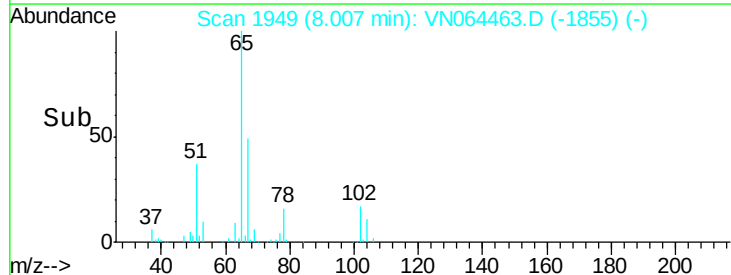
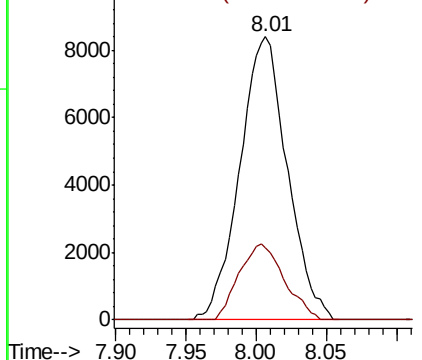


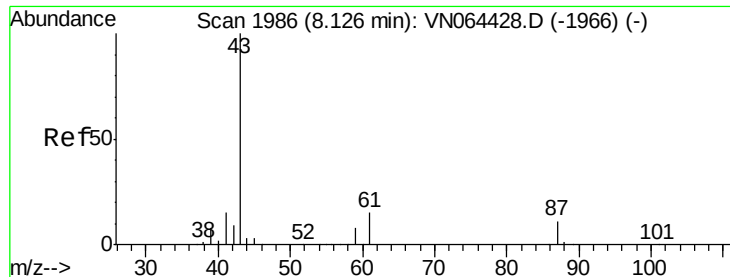
#40
 Benzene
 Concen: 1.282 ug/l
 RT: 8.01 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: VN064463.D
 Acq: 5 Nov 2020 16:05

Tgt Ion: 78 Resp: 19776
 Ion Ratio Lower Upper
 78 100
 77 25.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 12.226 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064463.D

Acq: 5 Nov 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

COMP-1

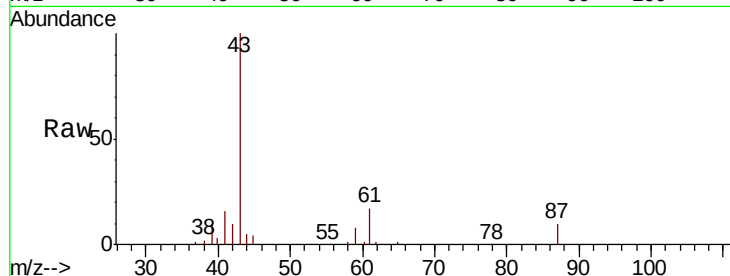
Tot Ion: 43 Resp: 104014

Ion Ratio Lower Upper

43 100

61 17.1 14.0 21.0

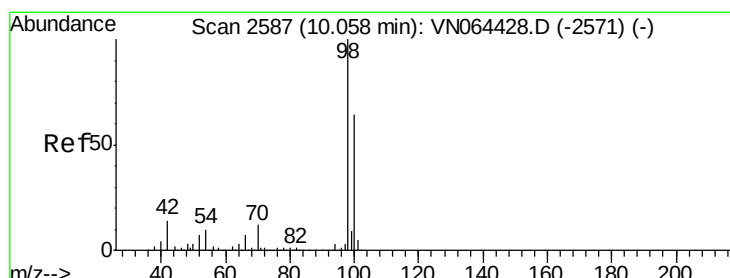
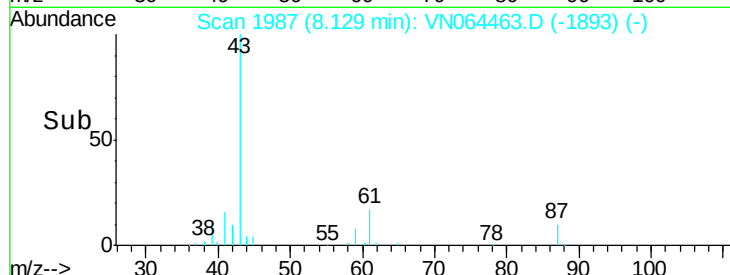
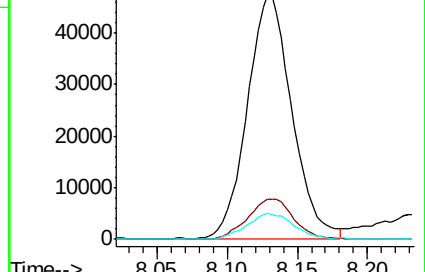
87 11.2 9.1 13.7



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: 50.558 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064463.D

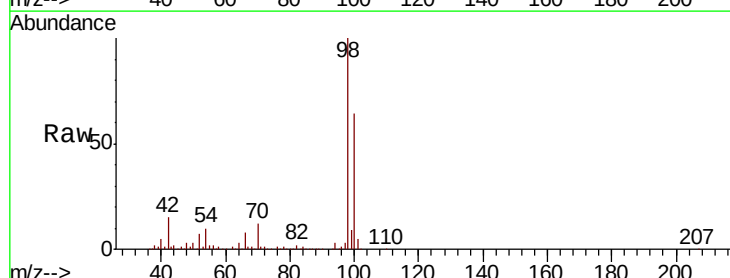
Acq: 5 Nov 2020 16:05

Tgt Ion: 98 Resp: 661149

Ion Ratio Lower Upper

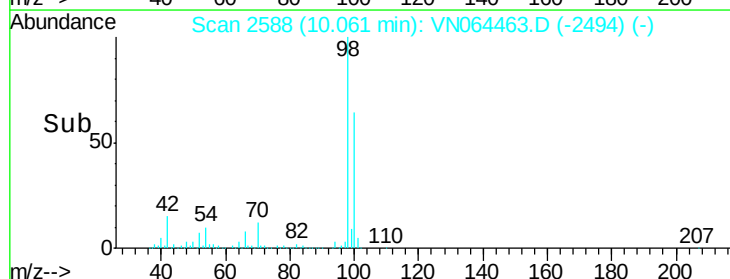
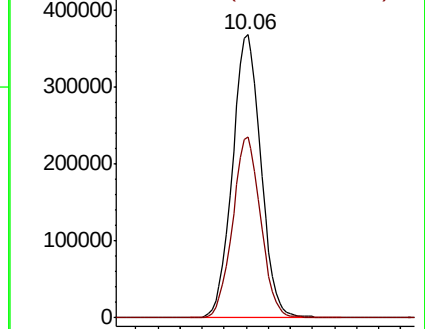
98 100

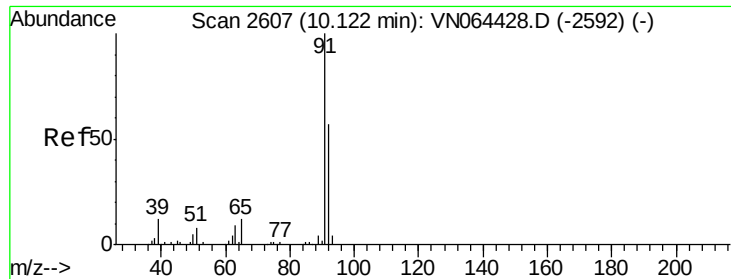
100 63.0 50.7 76.1



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: 2.304 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064463.D

Acq: 5 Nov 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

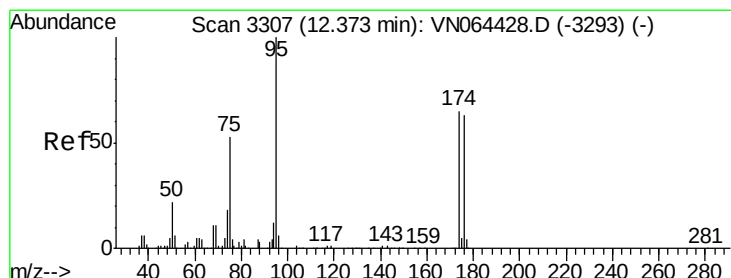
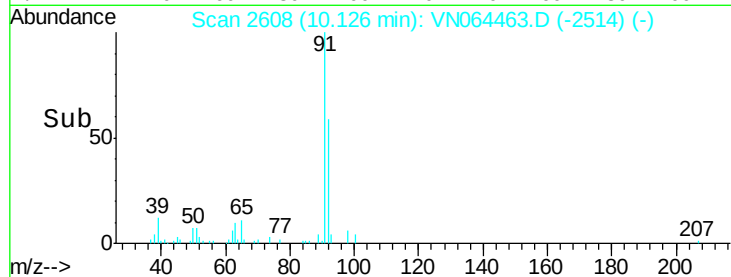
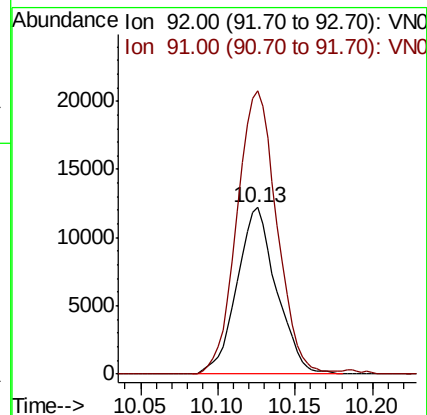
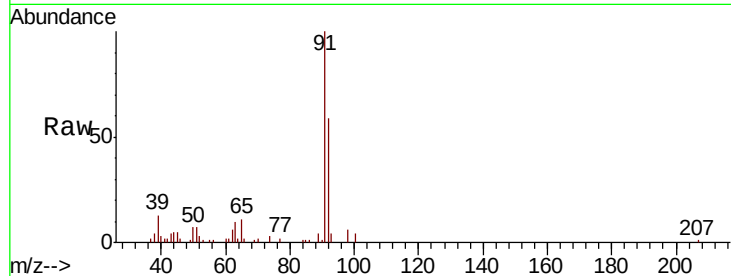
COMP-1

Tot Ion: 92 Resp: 21675

Ion Ratio Lower Upper

92 100

91 171.8 139.6 209.4



#62

4-Bromofluorobenzene

Concen: 51.988 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064463.D

Acq: 5 Nov 2020 16:05

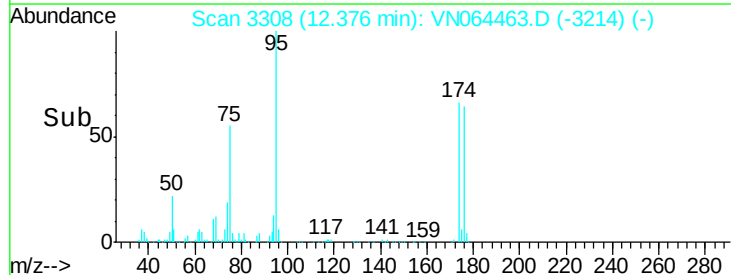
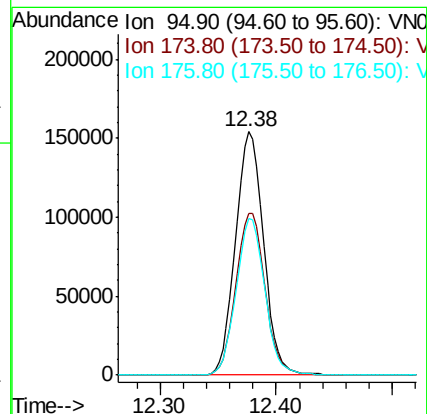
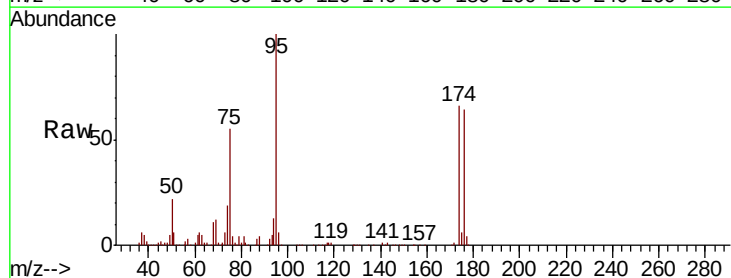
Tgt Ion: 95 Resp: 257110

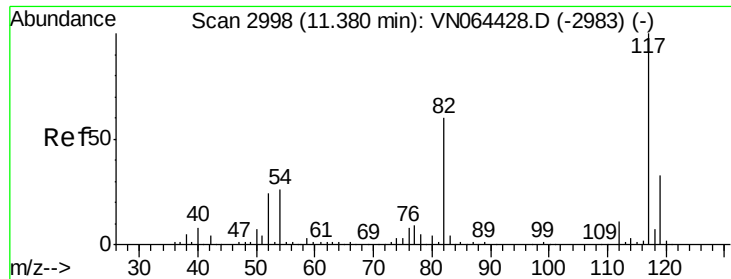
Ion Ratio Lower Upper

95 100

174 69.2 0.0 132.6

176 65.8 0.0 129.2

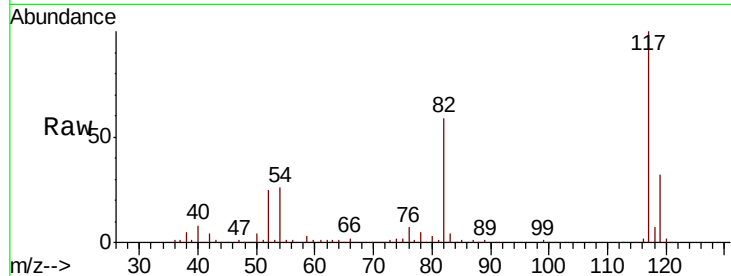




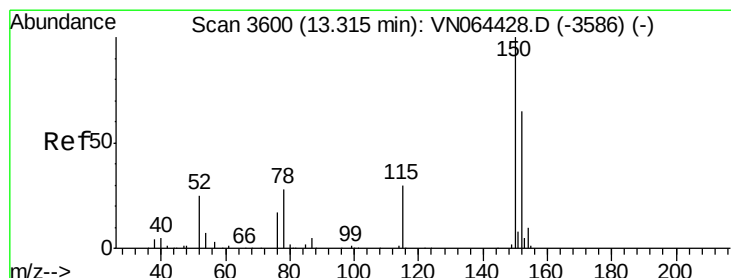
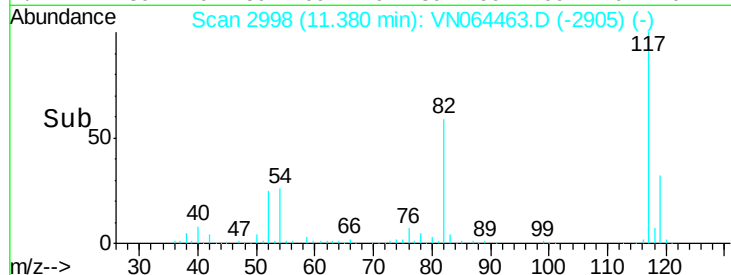
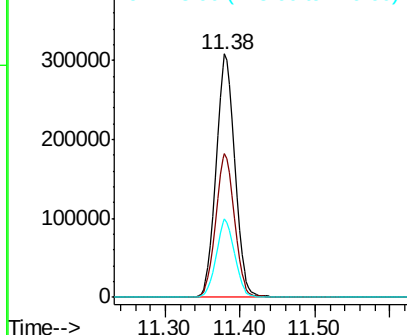
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064463.D
Acq: 5 Nov 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :
COMP-1

Tot Ion:117 Resp: 538315
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 32.2 26.2 39.4

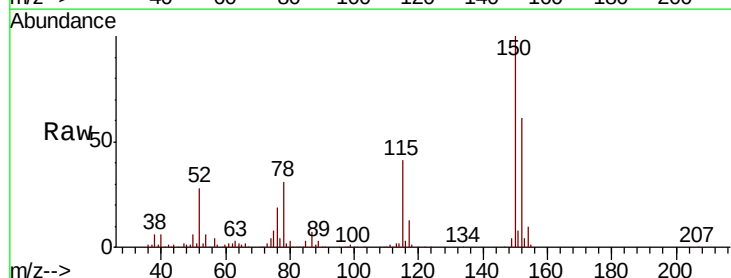


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

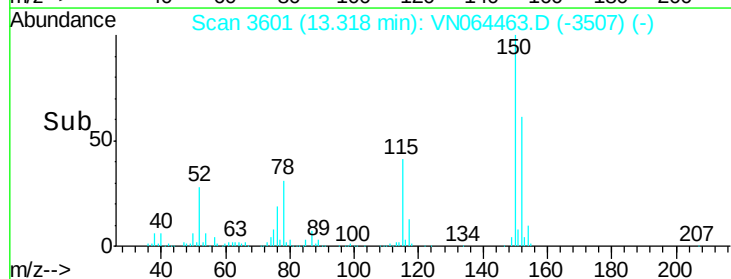
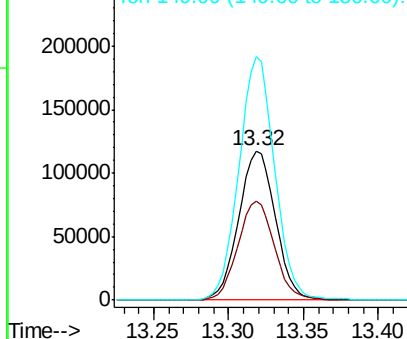


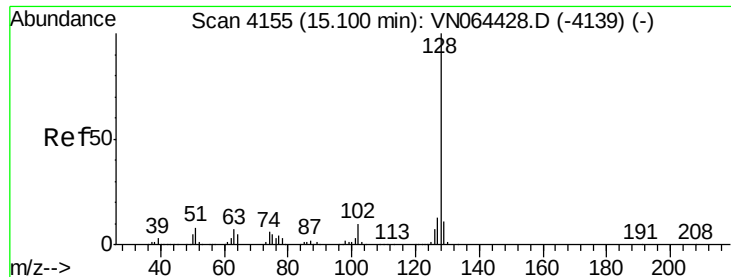
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064463.D
Acq: 5 Nov 2020 16:05

Tgt Ion:152 Resp: 201289
Ion Ratio Lower Upper
152 100
115 65.8 32.0 96.0
150 158.5 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

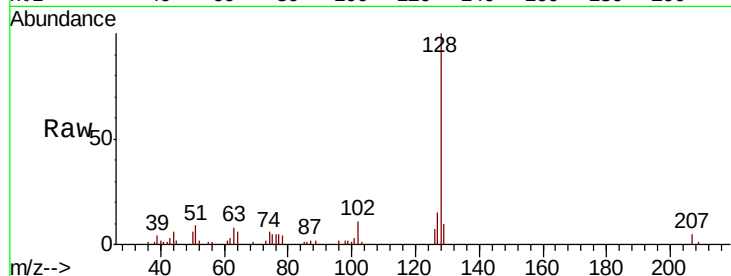




#95
 Naphthalene
 Concen: 6.406 ug/l
 RT: 15.11 min Scan# 4157
 Delta R.T. 0.01 min
 Lab File: VN064463.D
 Acq: 5 Nov 2020 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	10.5	8.8	13.2



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

