

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056460.D
 Acq On : 24 Jun 2019 16:56
 Operator : JC/SP
 Sample : K3482-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Jun 25 02:22:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

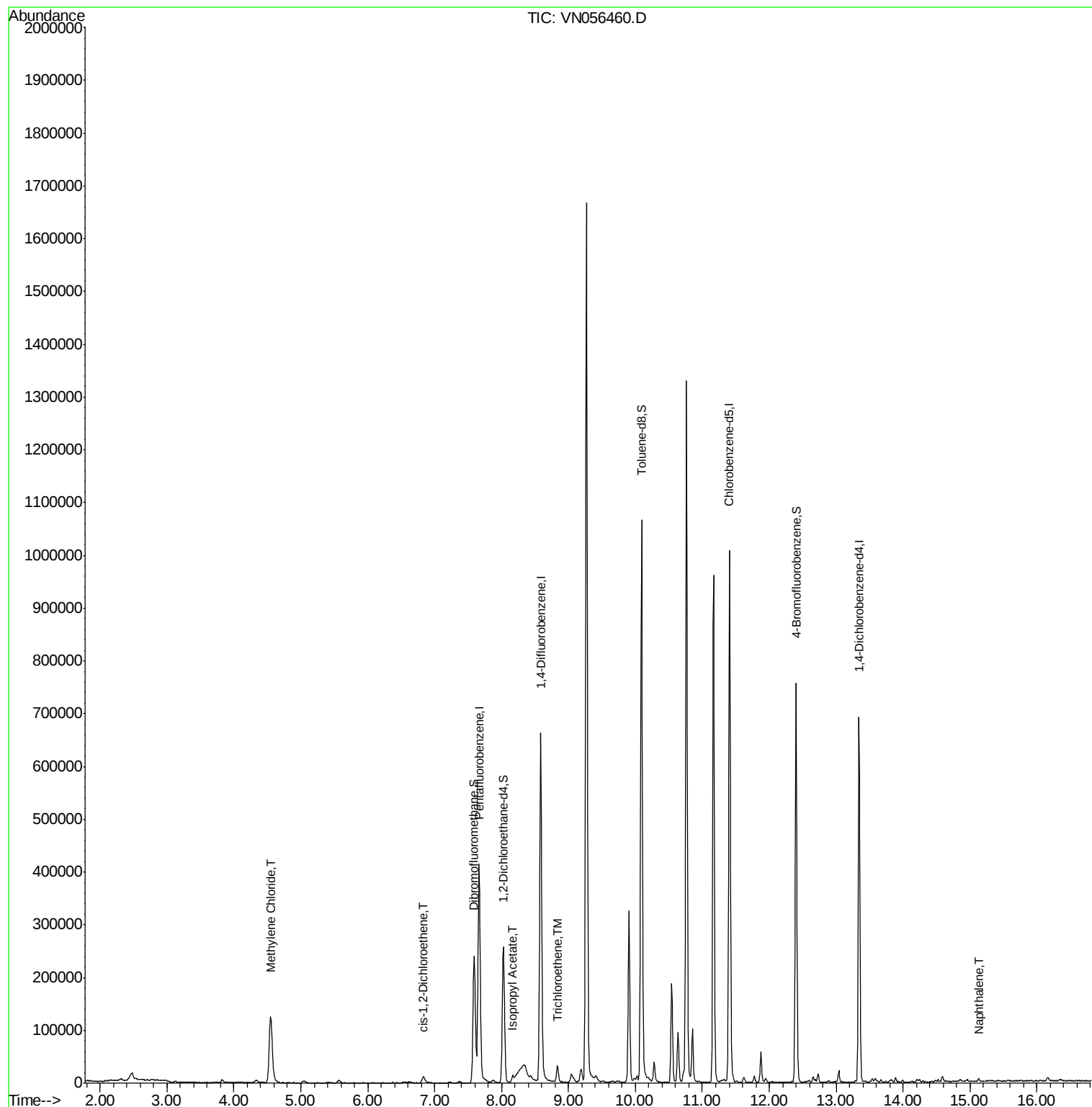
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	377397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	639819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	650995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	200973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	214034	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	7.59	113	183695	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
50) Toluene-d8	10.09	98	808625	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	272522	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
Target Compounds						
20) Methylene Chloride	4.55	84	103378	25.736	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	7060	1.679	ug/l	97
43) Isopropyl Acetate	8.17	43	18219	2.135	ug/l #	85
44) Trichloroethene	8.83	130	11830	2.535	ug/l	98
95) Naphthalene	15.14	128	5409	5.771	ug/l #	91

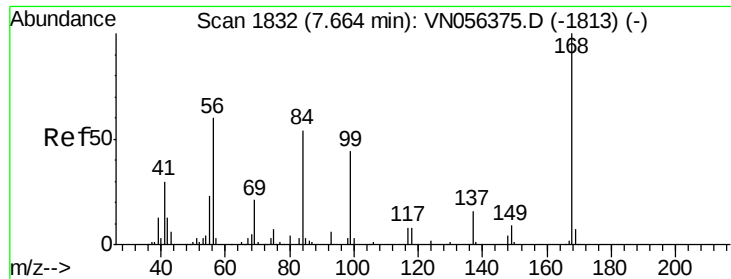
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
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: VN056460.D

Acq: 24 Jun 2019 16:56

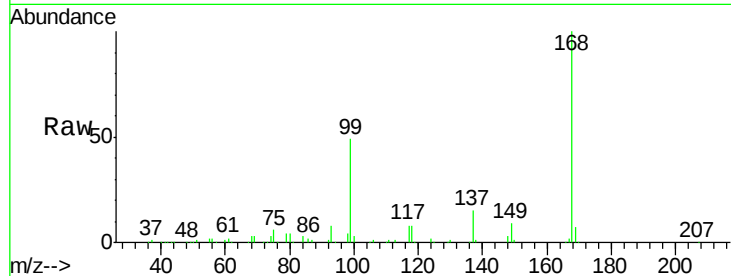
Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion:168 Resp: 377397

Ion Ratio Lower Upper

168 100

99 49.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

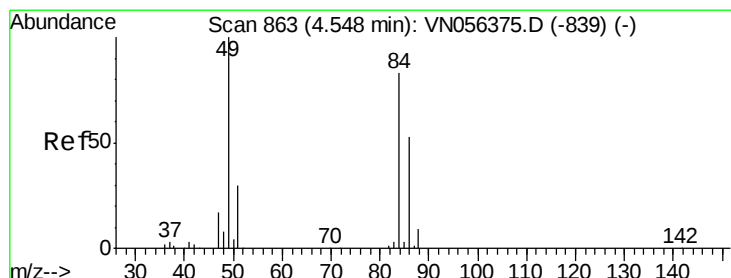
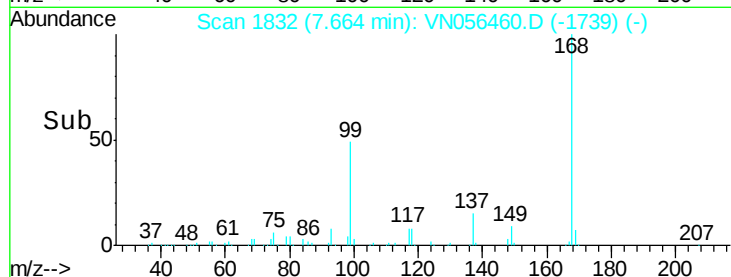
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 25.736 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Tgt Ion: 84 Resp: 103378

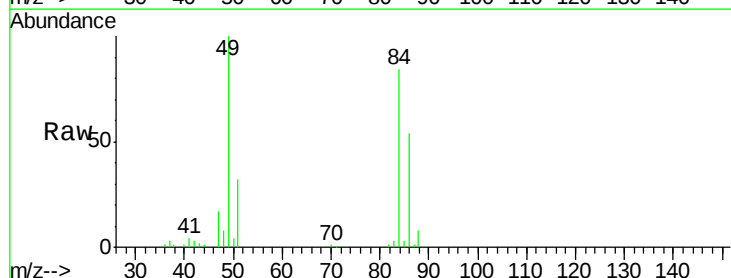
Ion Ratio Lower Upper

84 100

49 119.1 96.4 144.6

51 37.9 28.6 43.0

86 64.1 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

60000

50000

40000

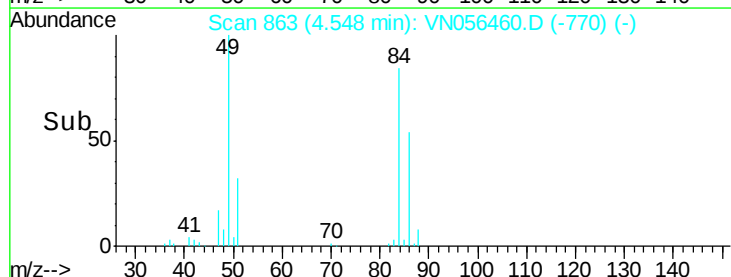
30000

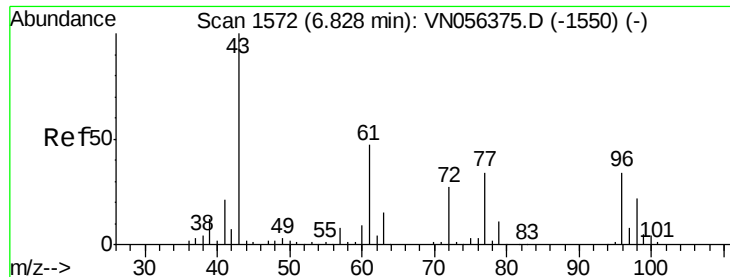
20000

10000

0

Time--> 4.40 4.50 4.60 4.70





#27

cis-1,2-Dichloroethene

Concen: 1.679 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
TP-2

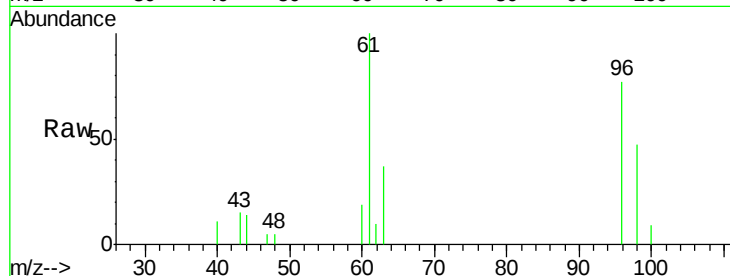
Tot Ion: 96 Resp: 7060

Ion Ratio Lower Upper

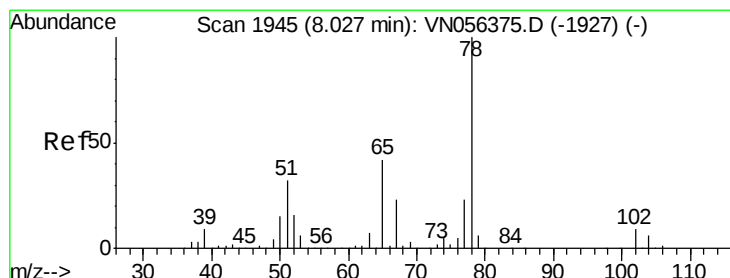
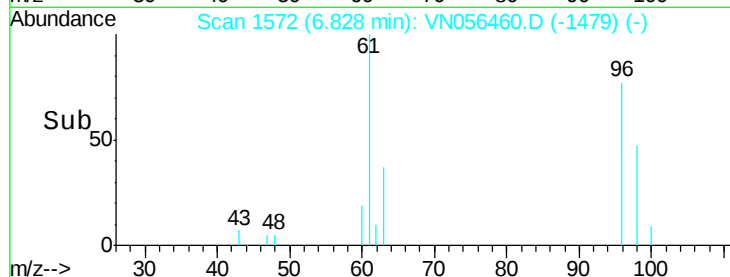
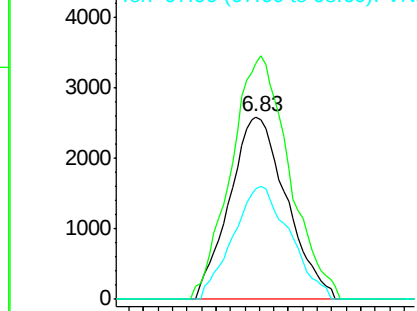
96 100

61 136.2 0.0 279.8

98 61.7 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.171 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056460.D

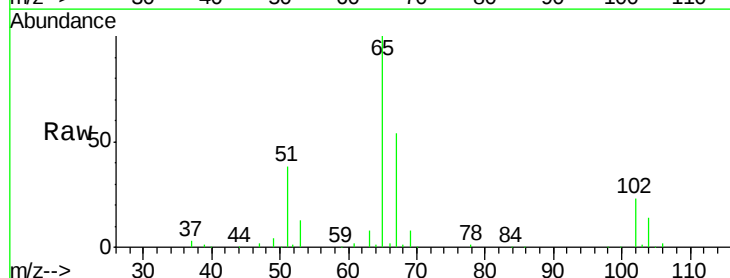
Acq: 24 Jun 2019 16:56

Tgt Ion: 65 Resp: 214034

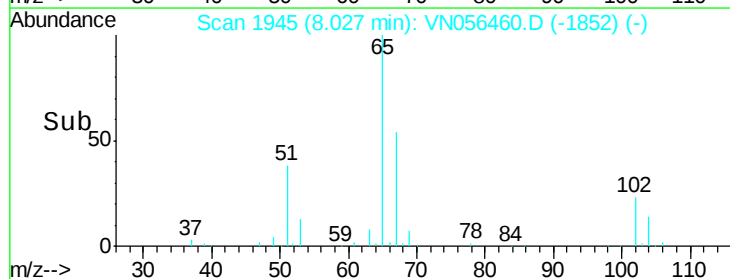
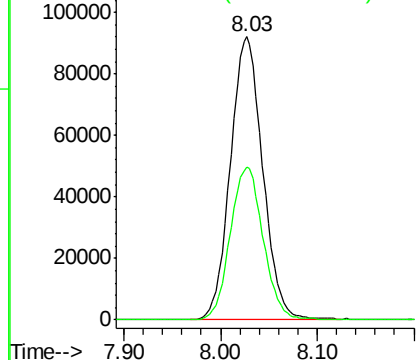
Ion Ratio Lower Upper

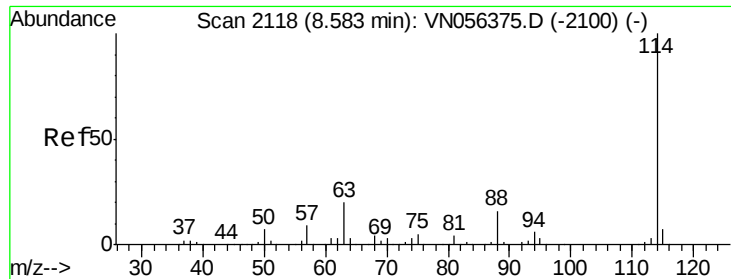
65 100

67 55.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

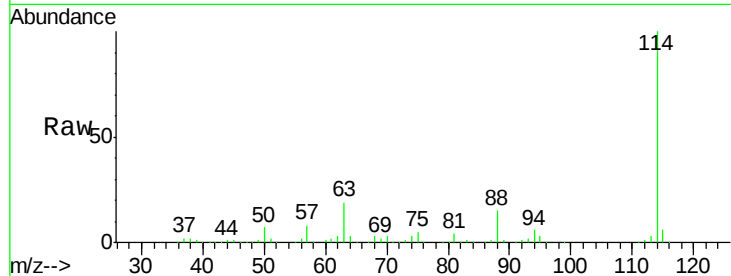




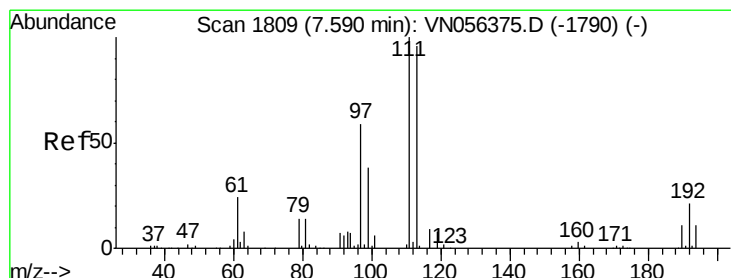
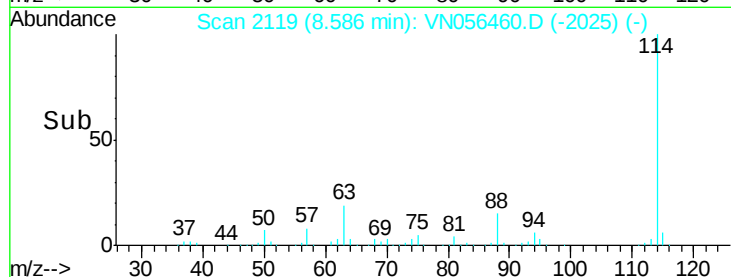
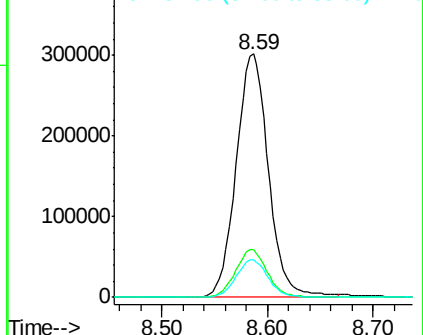
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion:114 Resp: 639819
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.2
88 15.3 0.0 31.4

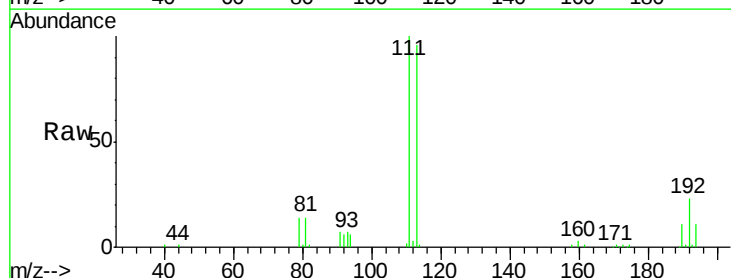


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

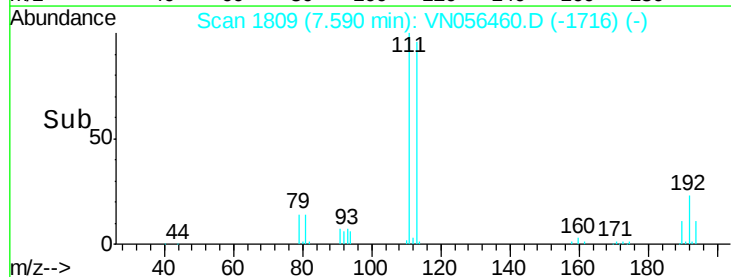
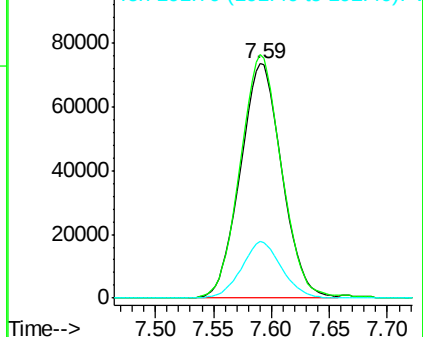


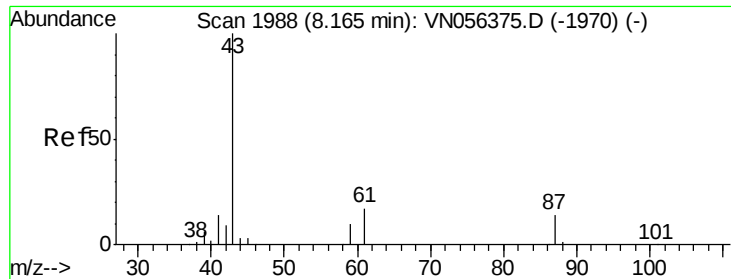
#35
Dibromofluoromethane
Concen: 46.023 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion:113 Resp: 183695
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 23.4 17.7 26.5



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





#43

Isopropyl Acetate

Concen: 2.135 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

TP-2

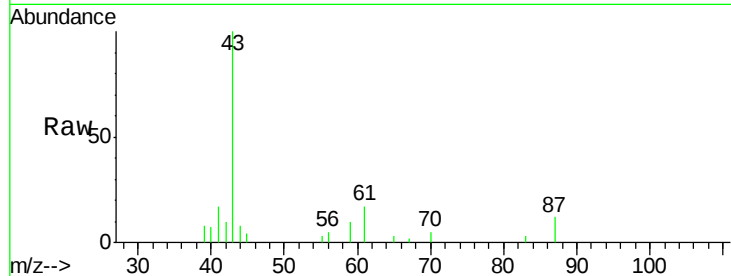
Tot Ion: 43 Resp: 18219

Ion Ratio Lower Upper

43 100

61 17.8 22.0 33.0#

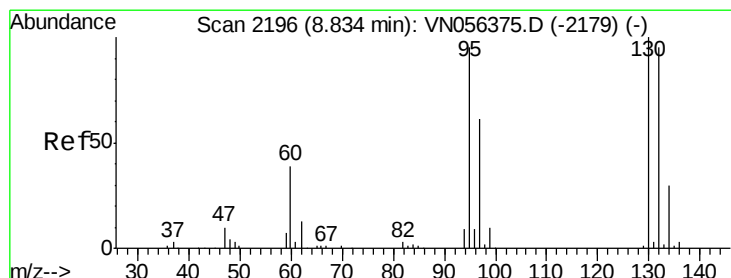
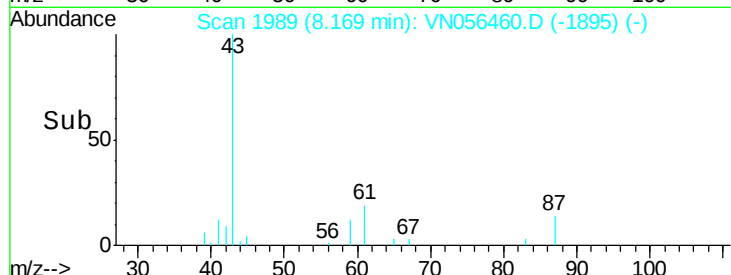
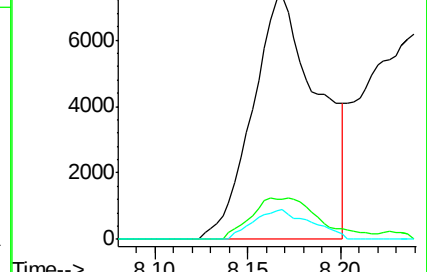
87 10.6 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN056460.D (-1989) (-)

Ion 61.00 (60.70 to 61.70): VN056460.D (-1989) (-)

Ion 87.00 (86.70 to 87.70): VN056460.D (-1989) (-)



#44

Trichloroethene

Concen: 2.535 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056460.D

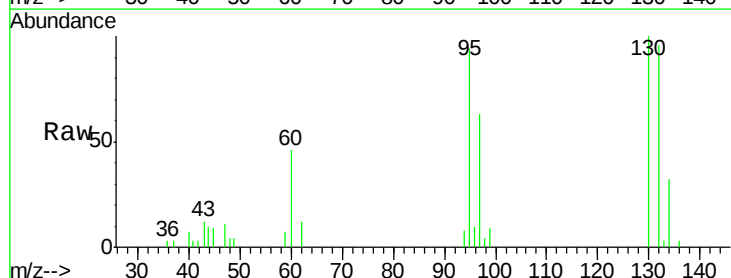
Acq: 24 Jun 2019 16:56

Tgt Ion:130 Resp: 11830

Ion Ratio Lower Upper

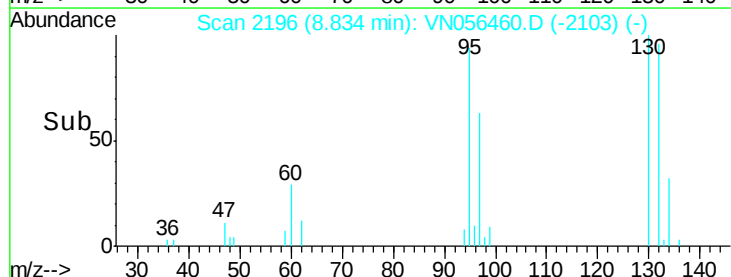
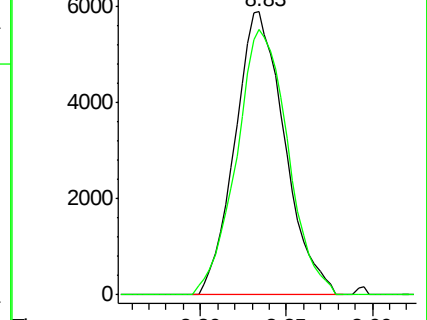
130 100

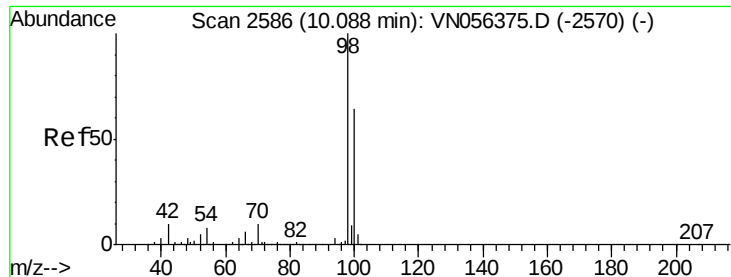
95 93.8 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056460.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN056460.D (-2196) (-)





#50

Toluene-d8

Concen: 52.066 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

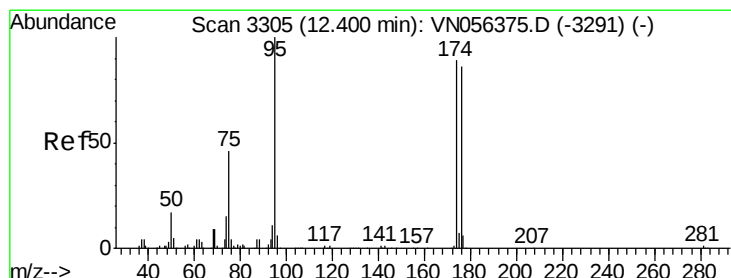
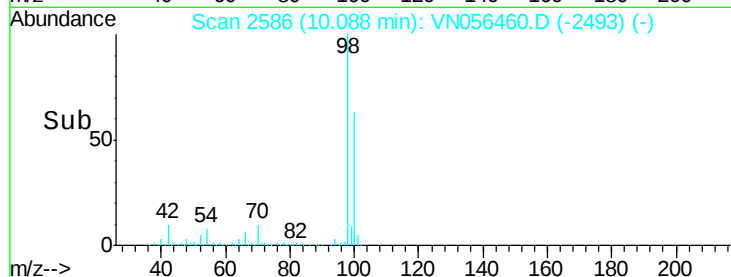
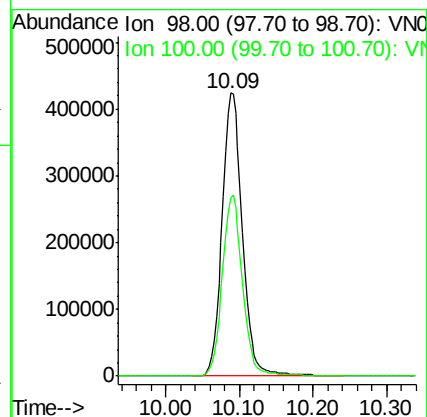
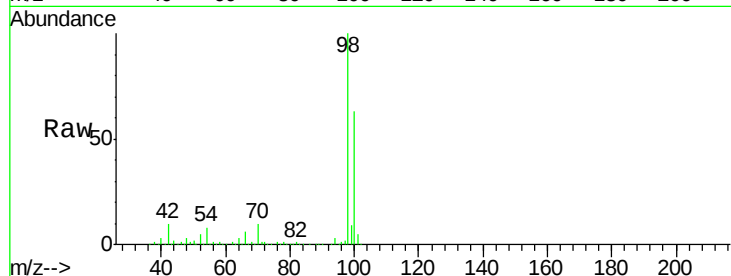
TP-2

Tot Ion: 98 Resp: 808625

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 52.637 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056460.D

Acq: 24 Jun 2019 16:56

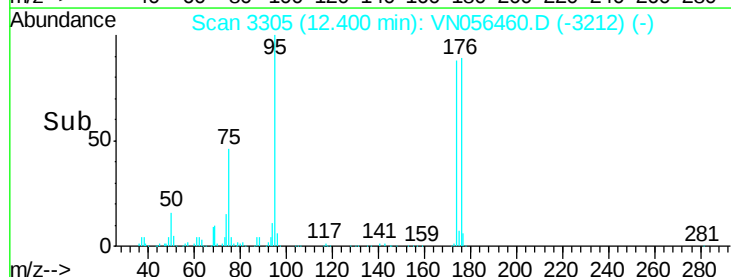
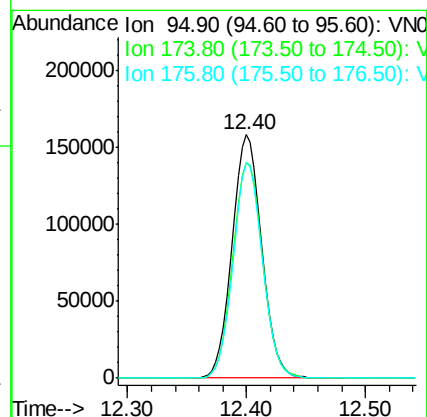
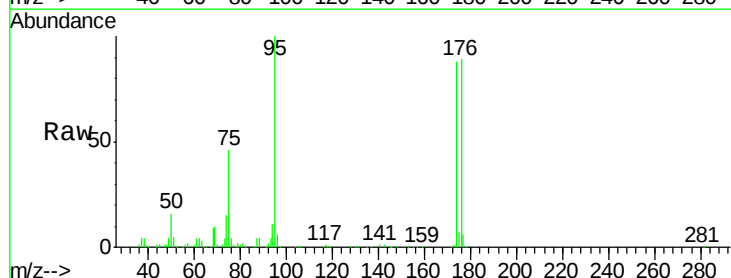
Tgt Ion: 95 Resp: 272522

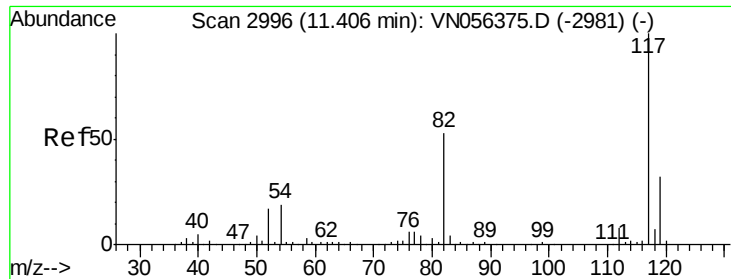
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.4

176 87.8 0.0 173.4

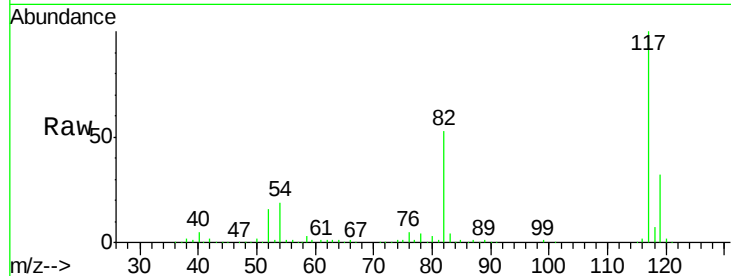




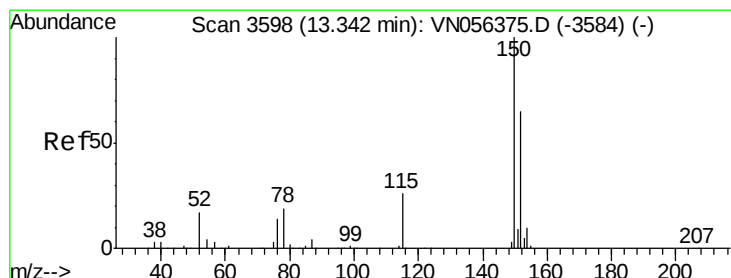
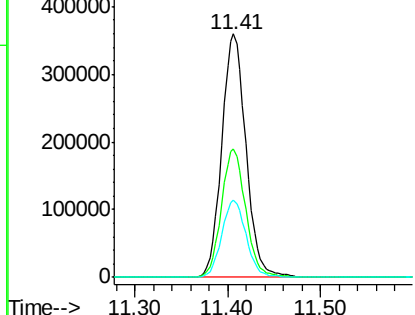
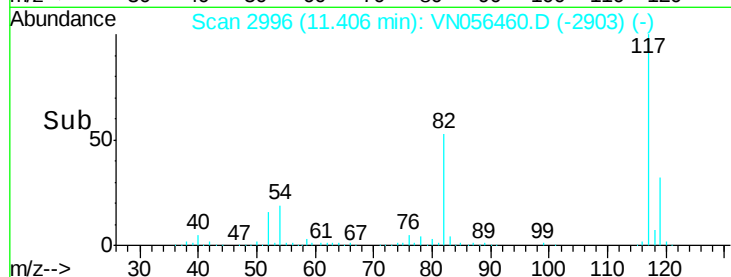
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:117 Resp: 650995
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 31.6 25.3 37.9

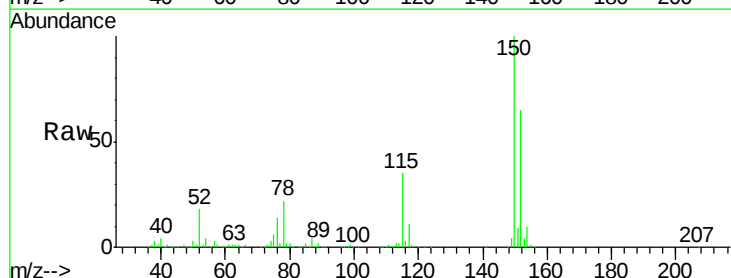


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

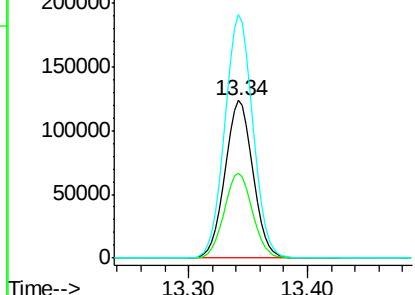
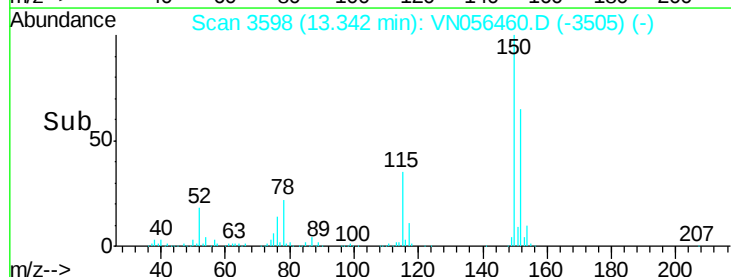


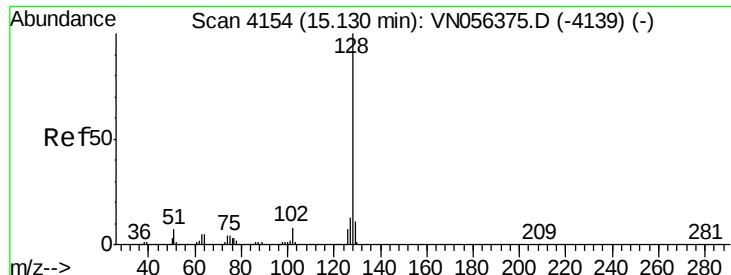
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Tgt Ion:152 Resp: 200973
Ion Ratio Lower Upper
152 100
115 54.8 28.1 84.4
150 155.4 0.0 348.4



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

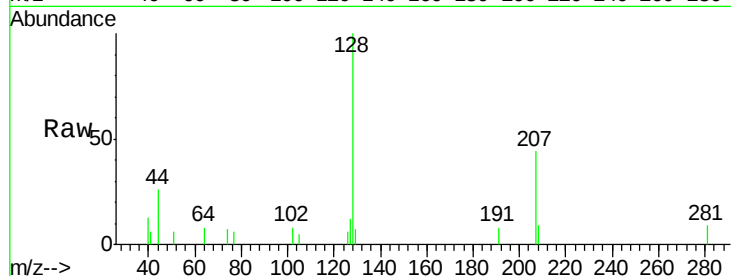




#95
Naphthalene
Concen: 5.771 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN056460.D
Acq: 24 Jun 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.2	15.2
129	5.8	8.6	12.8



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

