

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057566.D
 Acq On : 29 Aug 2019 22:34
 Operator : JC/SP
 Sample : K4528-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S2-(1.9)

Quant Time: Aug 30 14:46:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

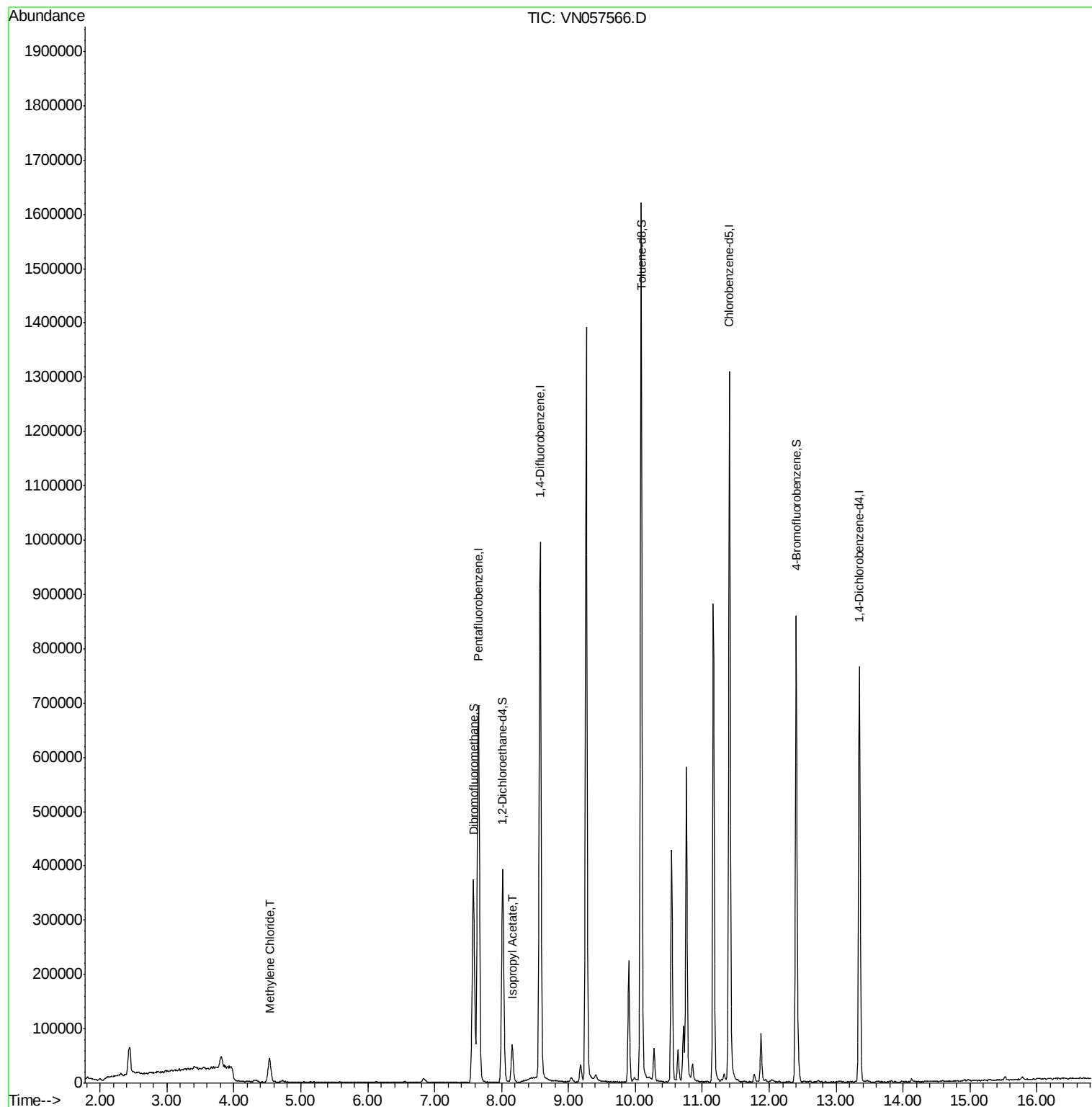
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	563580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	893193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	800775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	219944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	342156	38.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.22%	
35) Dibromofluoromethane	7.58	113	274250	35.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.74%	
50) Toluene-d8	10.08	98	1132300	39.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.92%	
62) 4-Bromofluorobenzene	12.40	95	310995	32.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.86%	
Target Compounds						
20) Methylene Chloride	4.54	84	30539	4.421	ug/l	91
43) Isopropyl Acetate	8.16	43	79976	6.693	ug/l #	94

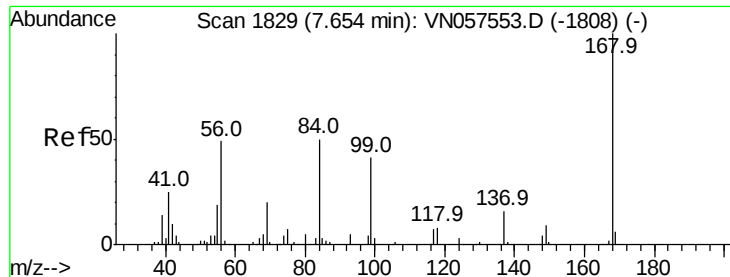
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057566.D

Acq: 29 Aug 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

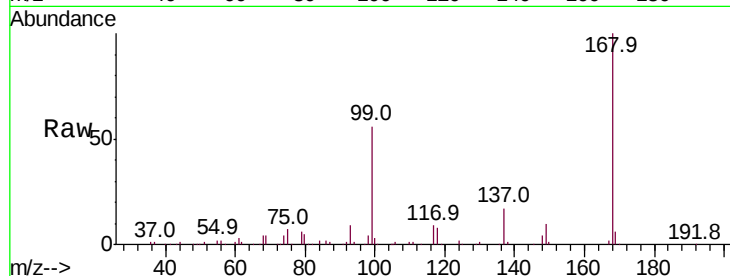
T9-12-13-S2-(1.9)

Tot Ion:168 Resp: 563580

Ion Ratio Lower Upper

168 100

99 56.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057553.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1808) (-)

7.65

250000

200000

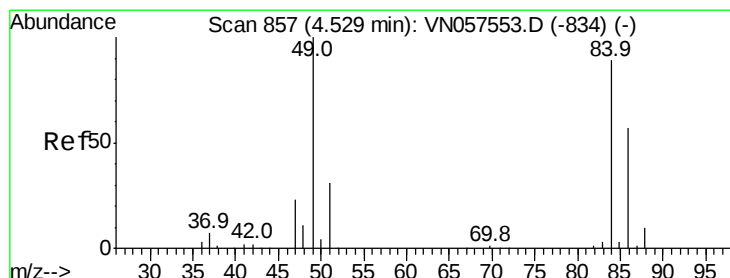
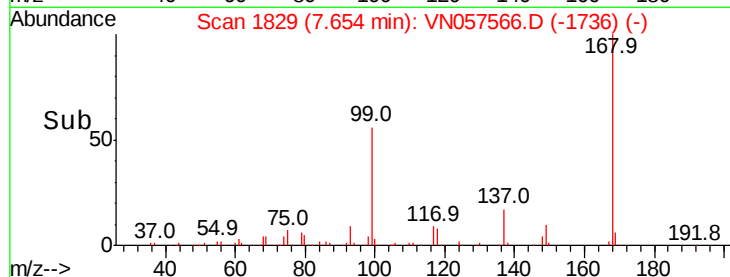
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.421 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN057566.D

Acq: 29 Aug 2019 22:34

Tgt Ion: 84 Resp: 30539

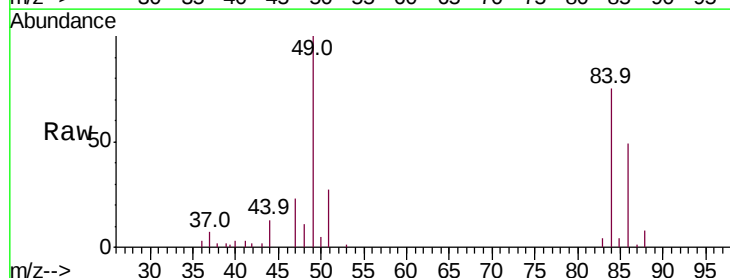
Ion Ratio Lower Upper

84 100

49 133.0 117.0 175.4

51 36.4 35.5 53.3

86 64.5 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN057553.D (-834) (-)

Ion 48.90 (48.60 to 49.60): VN057553.D (-834) (-)

Ion 50.90 (50.60 to 51.60): VN057553.D (-834) (-)

Ion 85.90 (85.60 to 86.60): VN057553.D (-834) (-)

20000

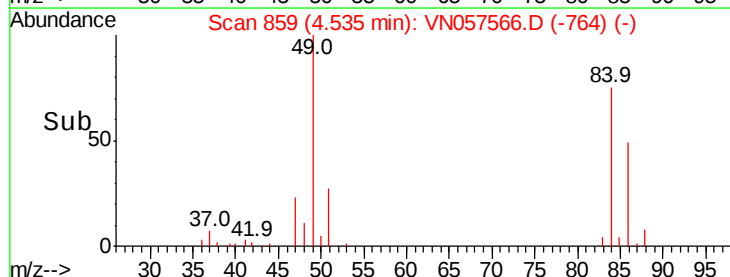
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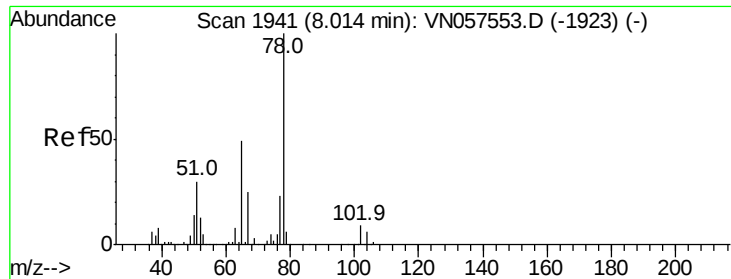
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 38.608 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

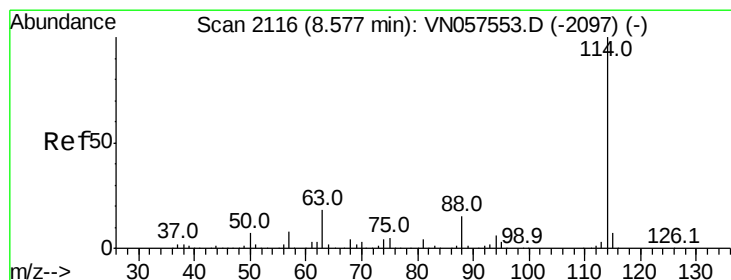
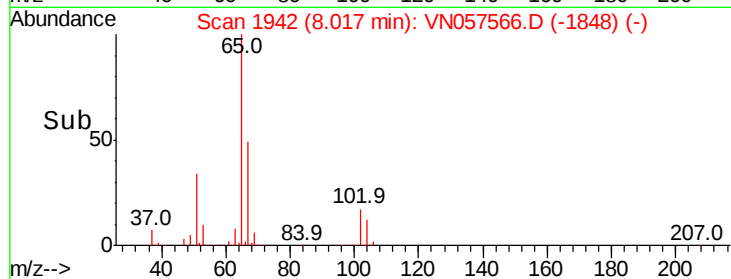
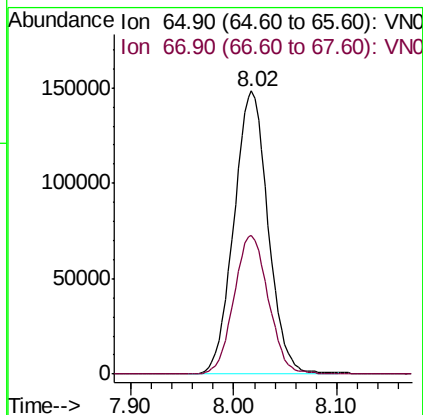
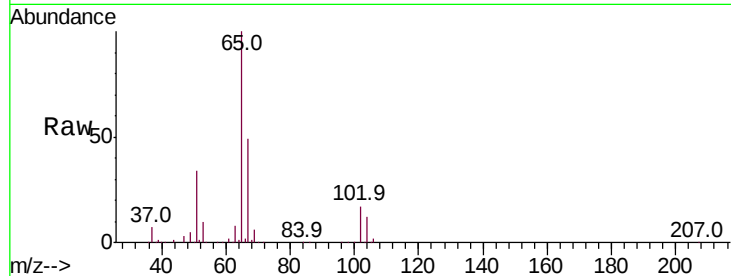
Lab File: VN057566.D

Acq: 29 Aug 2019 22:34

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-S2-(1.9)

Tot Ion: 65 Resp: 342156

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

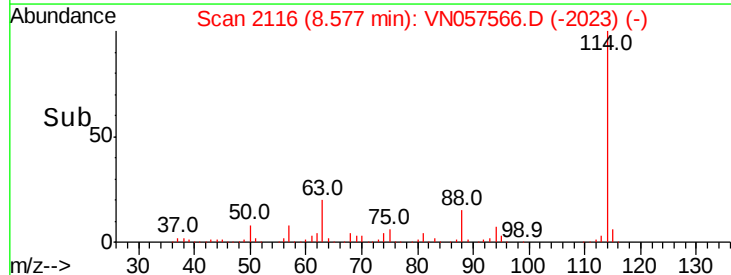
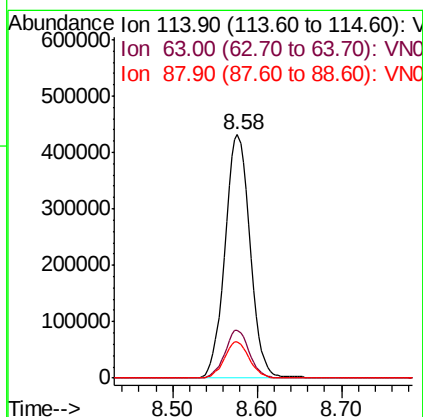
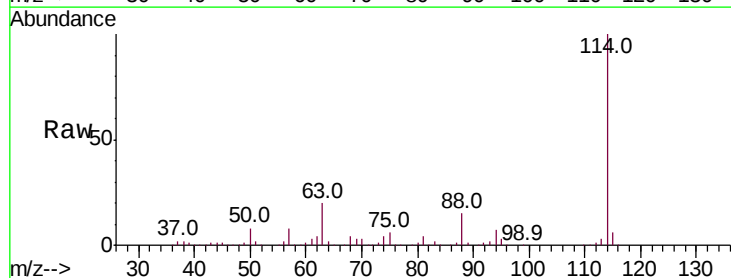
Delta R.T. -0.00 min

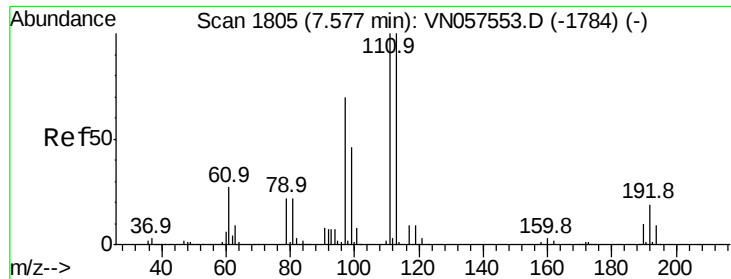
Lab File: VN057566.D

Acq: 29 Aug 2019 22:34

Tgt Ion: 114 Resp: 893193

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	50.2
88	14.8	0.0	34.6

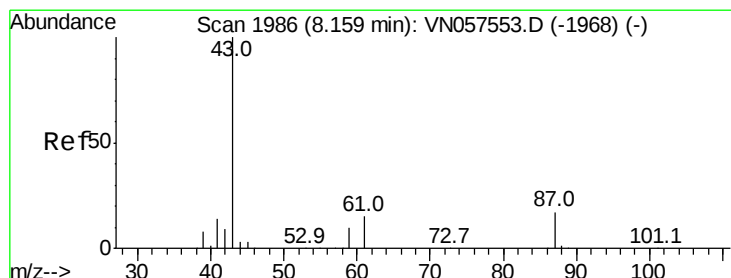
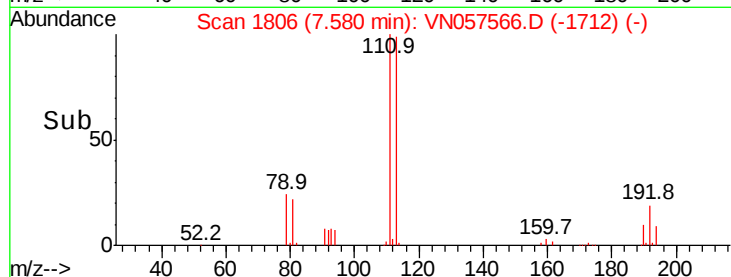
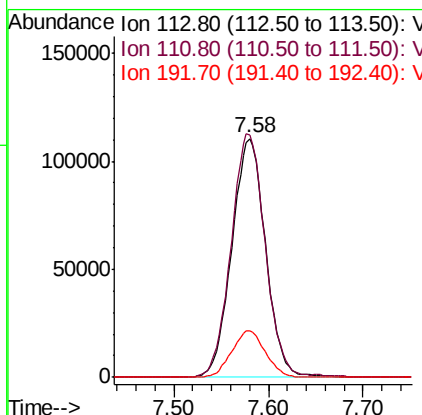
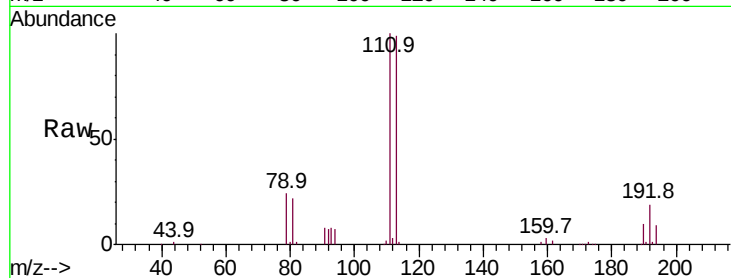




#35
 Dibromofluoromethane
 Concen: 35.371 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN057566.D
 Acq: 29 Aug 2019 22:34

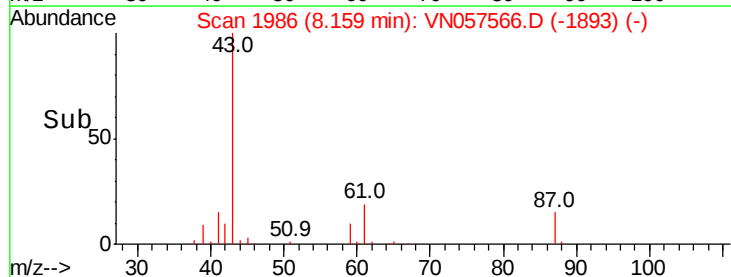
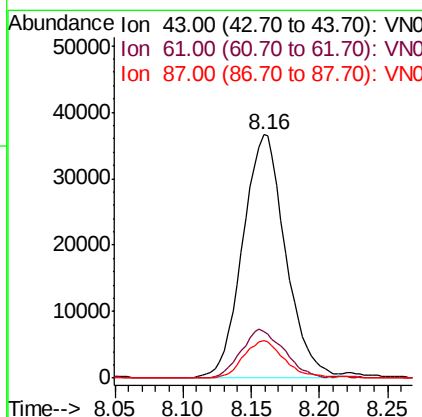
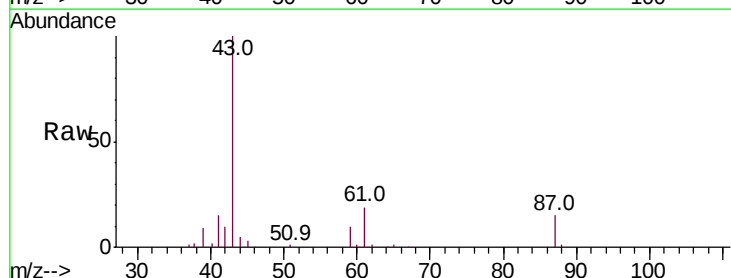
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S2-(1.9)

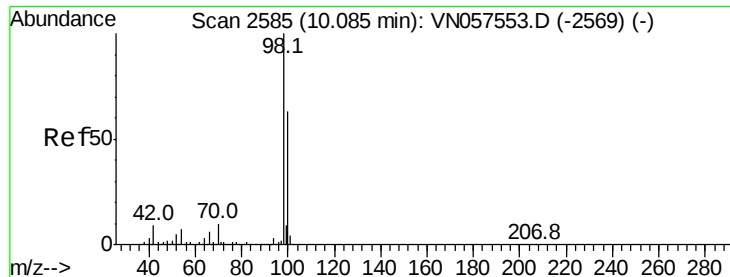
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.8	125.6
192	19.3	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 6.693 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN057566.D
 Acq: 29 Aug 2019 22:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.5	21.7
87	14.5	8.6	12.8#





#50

Toluene-d8

Concen: 39.958 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057566.D

Acq: 29 Aug 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

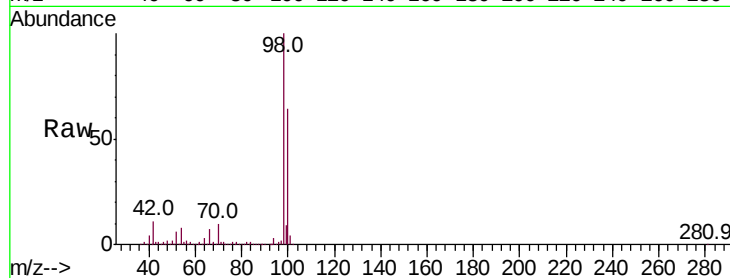
T9-12-13-S2-(1.9)

Tot Ion: 98 Resp: 1132300

Ion Ratio Lower Upper

98 100

100 62.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057553.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057553.D (-2569) (-)

10.08

600000

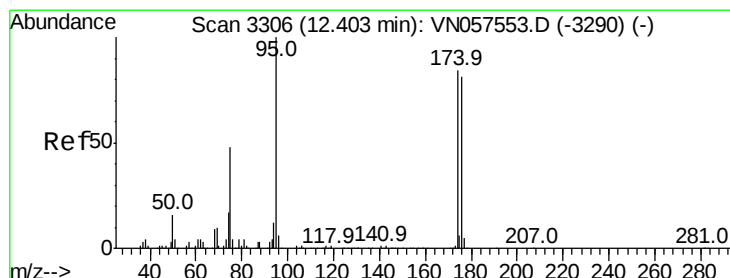
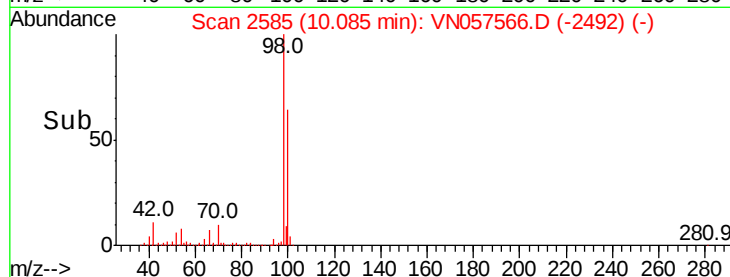
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 32.434 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057566.D

Acq: 29 Aug 2019 22:34

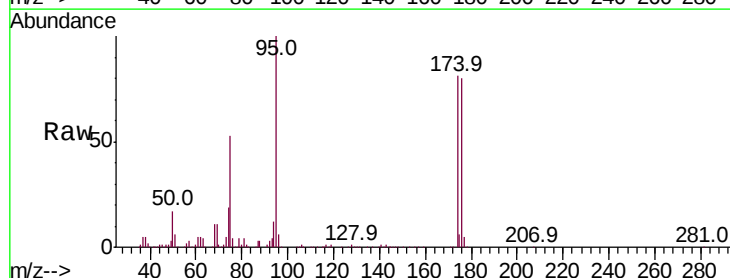
Tgt Ion: 95 Resp: 310995

Ion Ratio Lower Upper

95 100

174 80.5 0.0 133.0

176 79.3 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057553.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057553.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057553.D (-3290) (-)

12.40

200000

150000

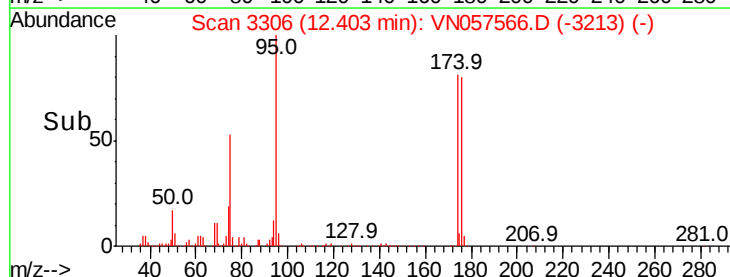
100000

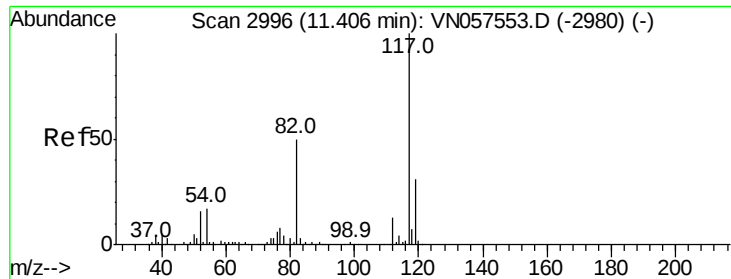
50000

0

12.30 12.40 12.50

Time-->

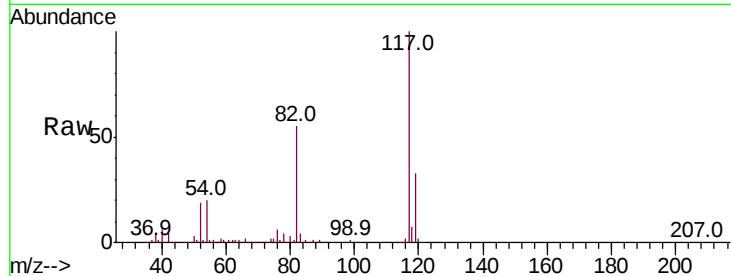




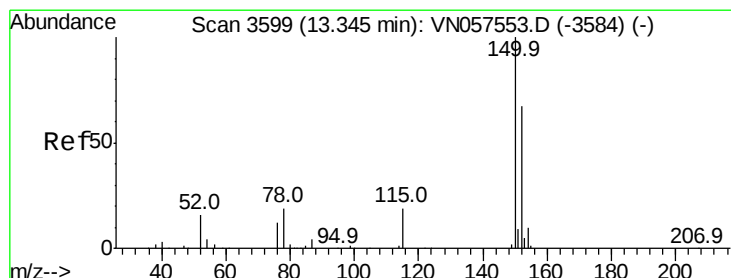
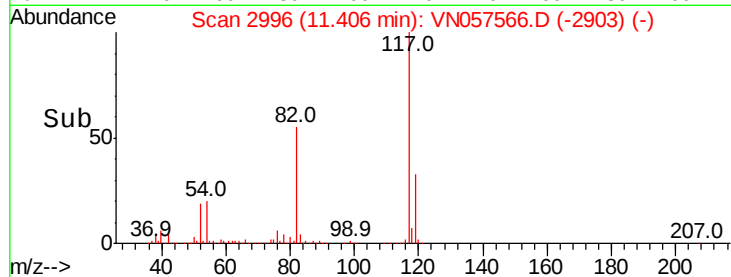
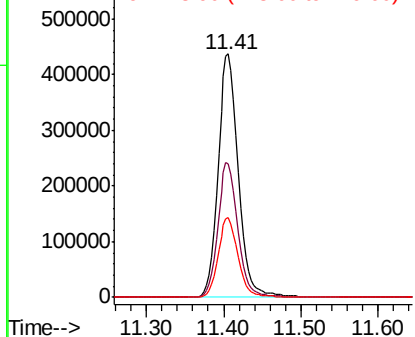
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057566.D
Acq: 29 Aug 2019 22:34

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-S2-(1.9)

Tot Ion:117 Resp: 800775
Ion Ratio Lower Upper
117 100
82 54.7 50.6 75.8
119 32.6 24.6 36.8

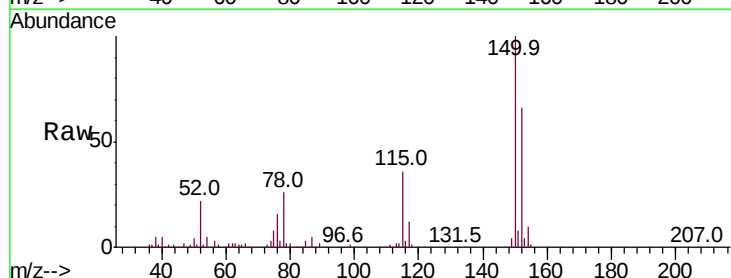


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057566.D
Acq: 29 Aug 2019 22:34

Tgt Ion:152 Resp: 219944
Ion Ratio Lower Upper
152 100
115 56.2 32.0 96.0
150 156.3 0.0 346.6



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

