

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057573.D
 Acq On : 30 Aug 2019 1:32
 Operator : JC/SP
 Sample : K4528-29
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Aug 30 15:05:31 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

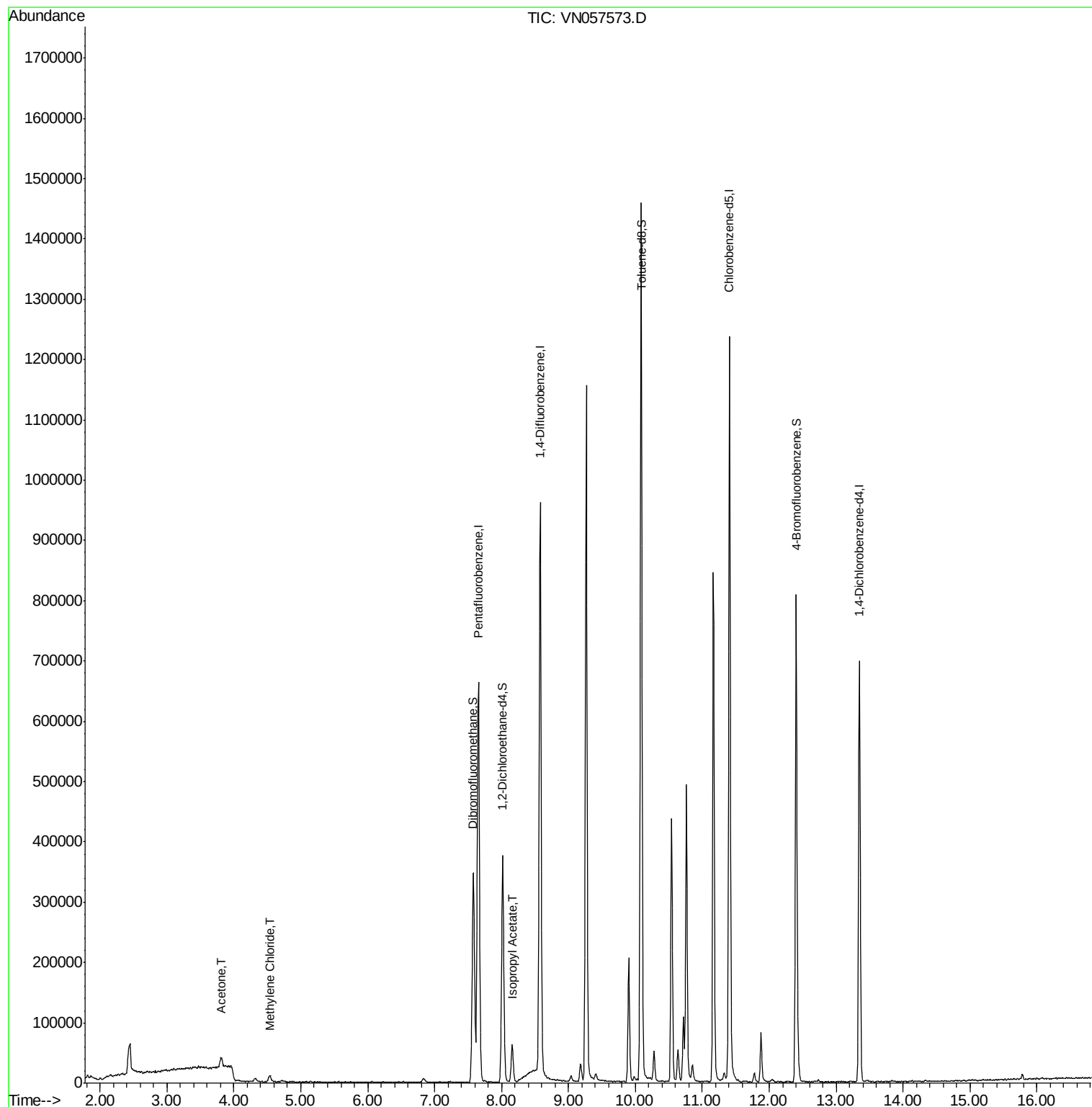
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	546729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	840376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	732498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	321583	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.80%	
35) Dibromofluoromethane	7.58	113	256491	35.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.32%	
50) Toluene-d8	10.09	98	1036970	38.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.78%	
62) 4-Bromofluorobenzene	12.40	95	282851	31.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.70%	
Target Compounds						
16) Acetone	3.81	43	23657	6.540	ug/l	90
20) Methylene Chloride	4.53	84	7040	1.051	ug/l #	89
43) Isopropyl Acetate	8.16	43	72910	6.485	ug/l #	95

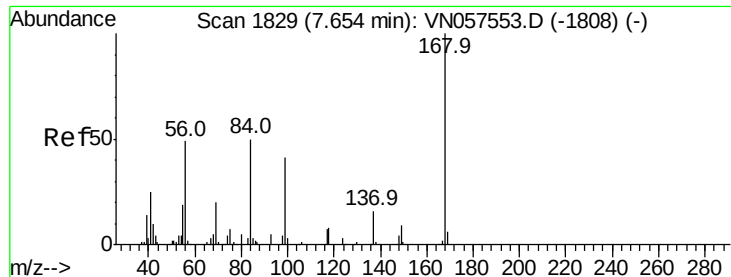
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057573.D

Acq: 30 Aug 2019 1:32

Instrument :

MSVOA_N

ClientSampled :

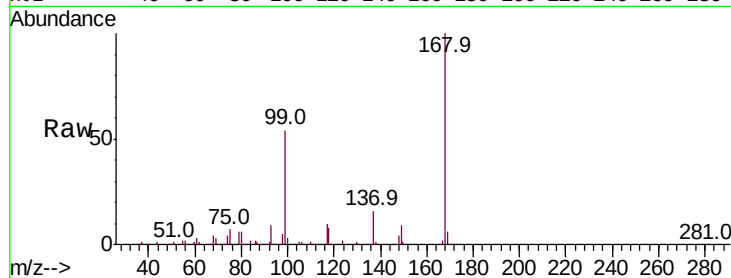
T9-12-13-R-(1.9)

Tot Ion:168 Resp: 546729

Ion Ratio Lower Upper

168 100

99 53.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057573.D (-1736) (-)

Ion 98.90 (98.60 to 99.60): VN057573.D (-1736) (-)

7.65

250000

200000

150000

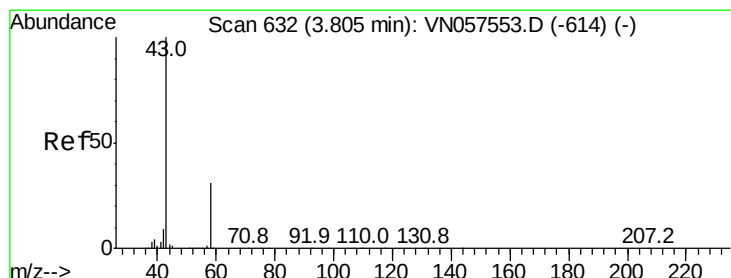
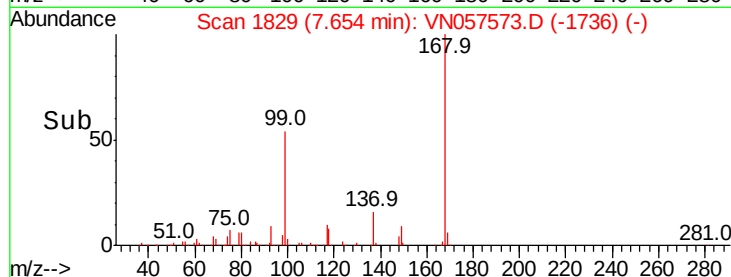
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.540 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN057573.D

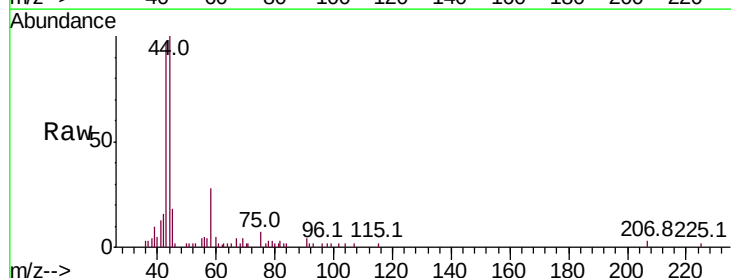
Acq: 30 Aug 2019 1:32

Tgt Ion: 43 Resp: 23657

Ion Ratio Lower Upper

43 100

58 32.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057573.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN057573.D (-539) (-)

3.81

12000

10000

8000

6000

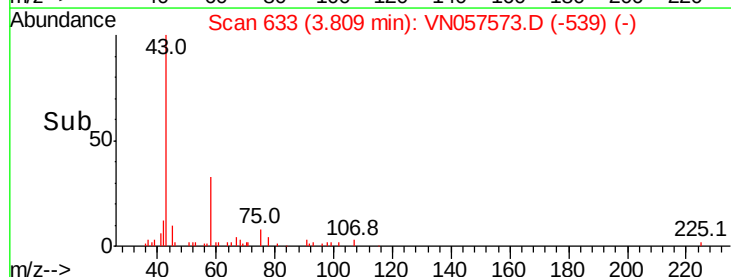
4000

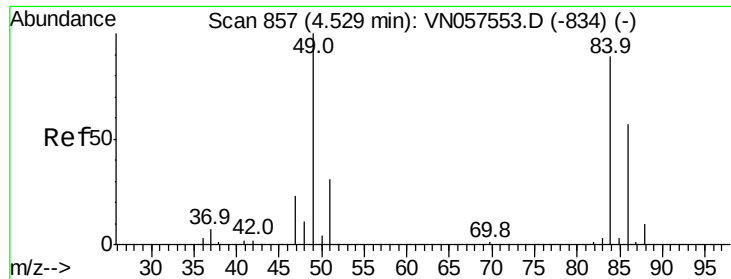
2000

0

3.75 3.80 3.85 3.90

Time-->

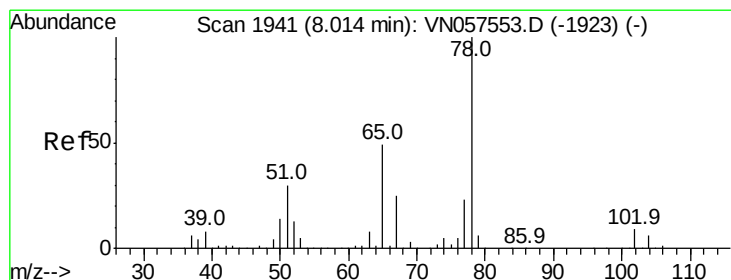
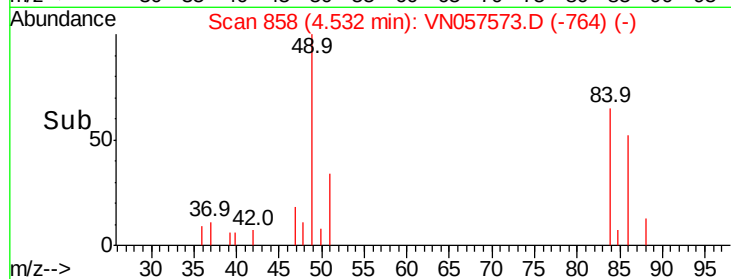
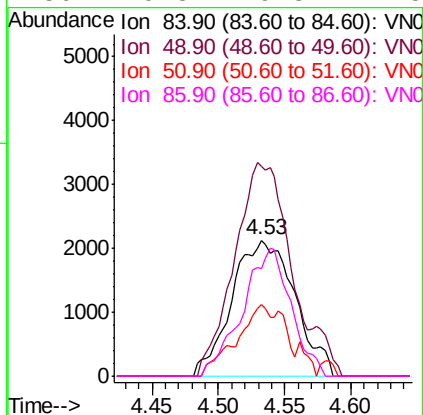
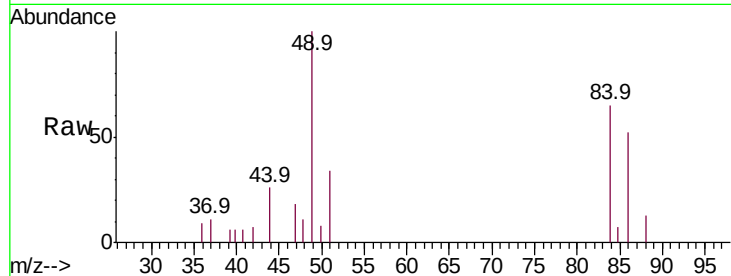




#20
Methylene Chloride
Concen: 1.051 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057573.D
Acq: 30 Aug 2019 1:32

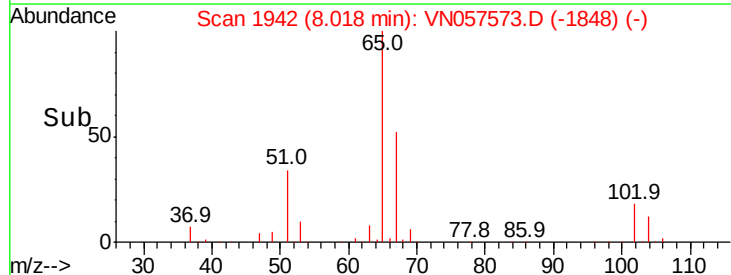
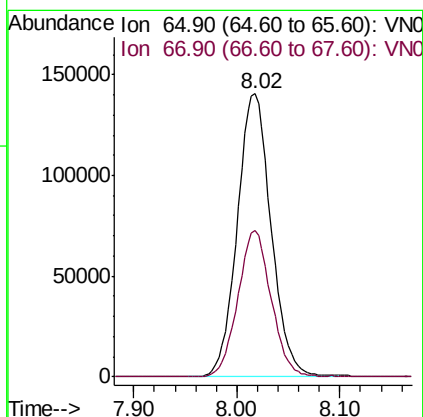
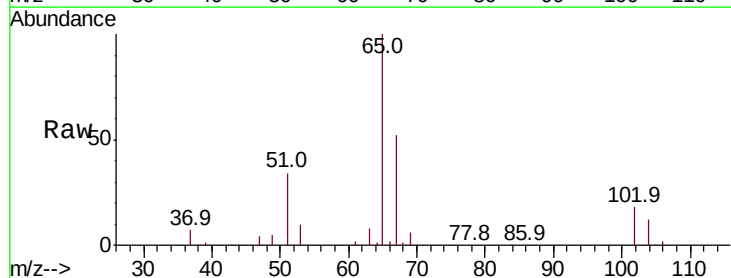
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-R-(1.9)

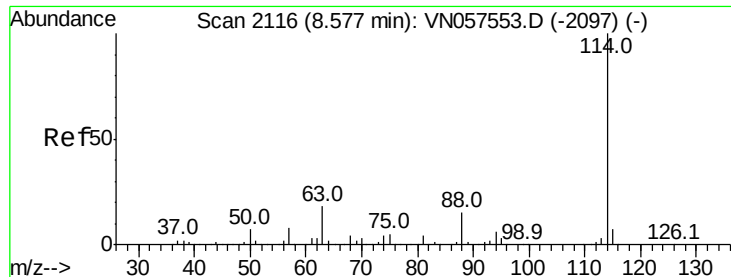
Tot Ion: 84 Resp: 7040
Ion Ratio Lower Upper
84 100
49 153.7 117.0 175.4
51 52.7 35.5 53.3
86 79.3 49.8 74.8#



#33
1,2-Dichloroethane-d4
Concen: 37.405 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057573.D
Acq: 30 Aug 2019 1:32

Tgt Ion: 65 Resp: 321583
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.8

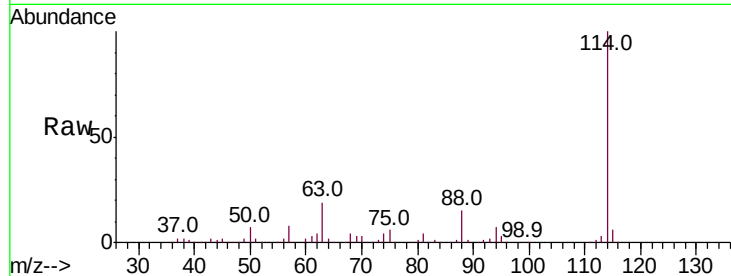




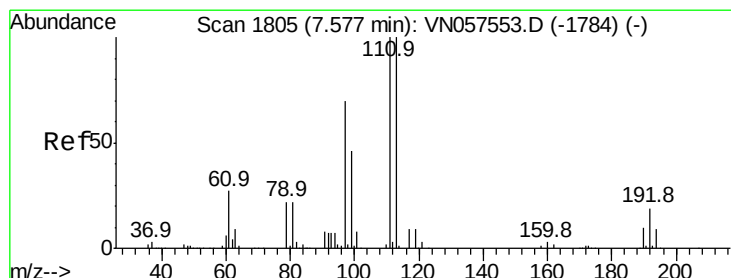
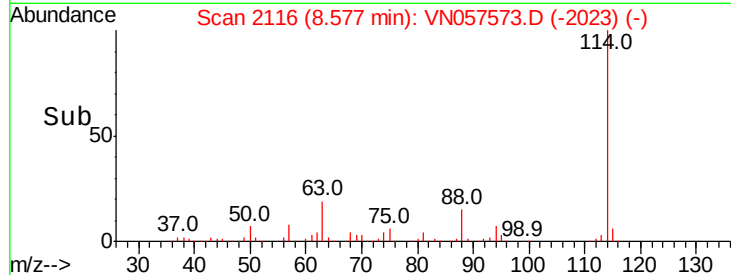
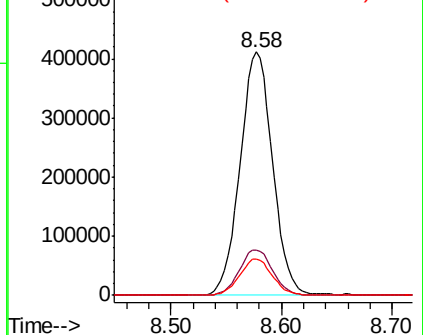
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057573.D
 Acq: 30 Aug 2019 1:32

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

Tot Ion:114 Resp: 840376
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 50.2
 88 15.1 0.0 34.6

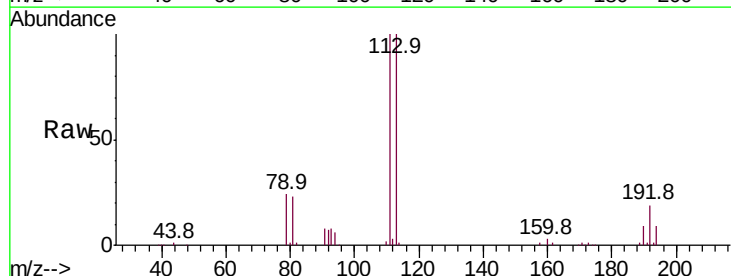


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

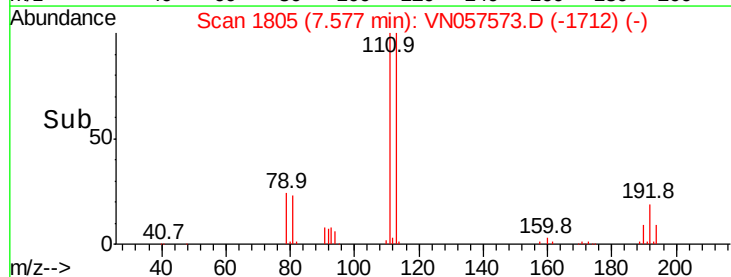
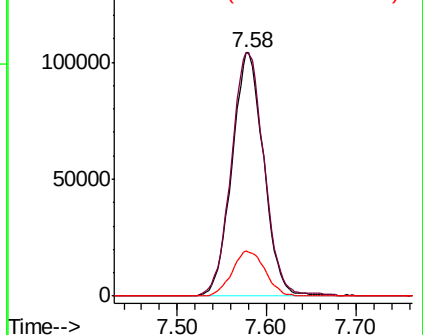


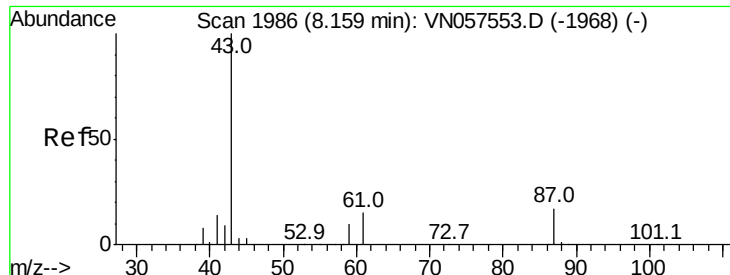
#35
 Dibromofluoromethane
 Concen: 35.160 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057573.D
 Acq: 30 Aug 2019 1:32

Tgt Ion:113 Resp: 256491
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.8 125.6
 192 19.2 13.5 20.3



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: 6.485 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057573.D

Acq: 30 Aug 2019 1:32

Instrument :

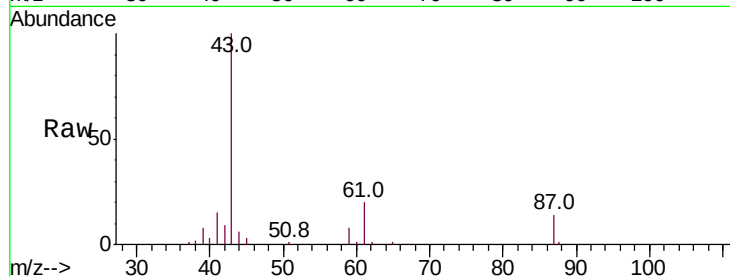
MSVOA_N

ClientSampleId :

T9-12-13-R-(1.9)

Tot Ion: 43 Resp: 72910

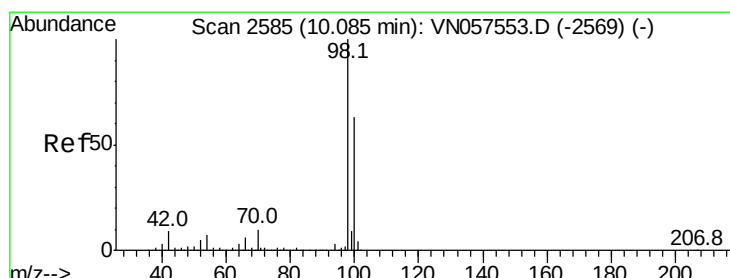
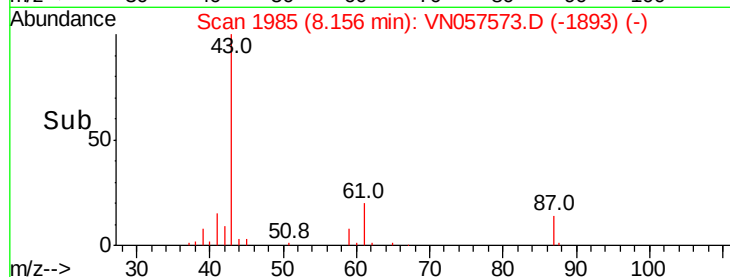
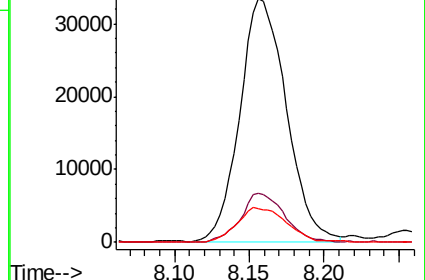
Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.5	21.7
87	14.9	8.6	12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 38.894 ug/l

RT: 10.09 min Scan# 2585

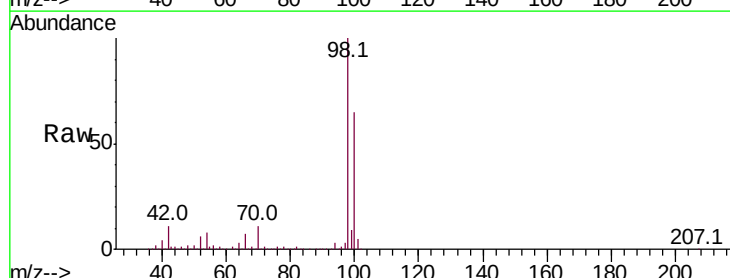
Delta R.T. 0.00 min

Lab File: VN057573.D

Acq: 30 Aug 2019 1:32

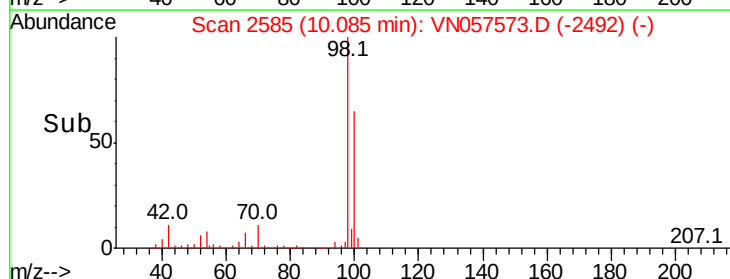
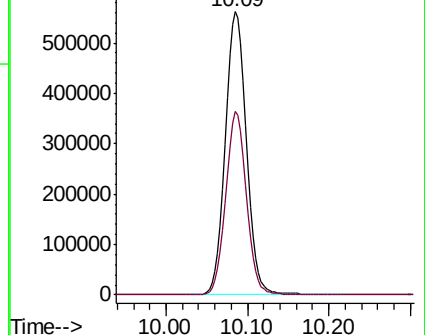
Tgt Ion: 98 Resp: 1036970

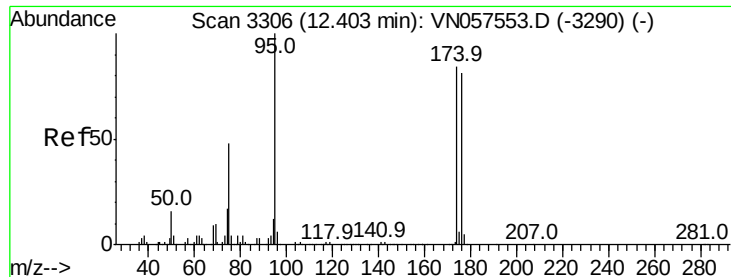
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.4	75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 31.352 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057573.D

Acq: 30 Aug 2019 1:32

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-R-(1.9)

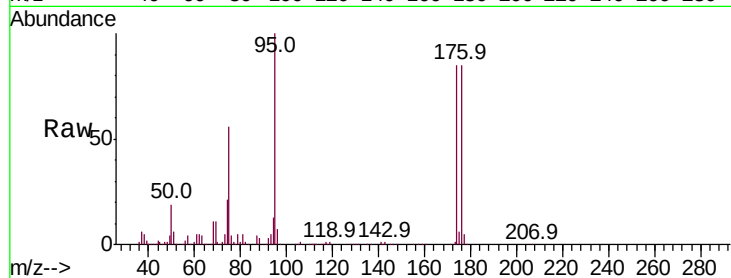
Tot Ion: 95 Resp: 282851

Ion Ratio Lower Upper

95 100

174 83.9 0.0 133.0

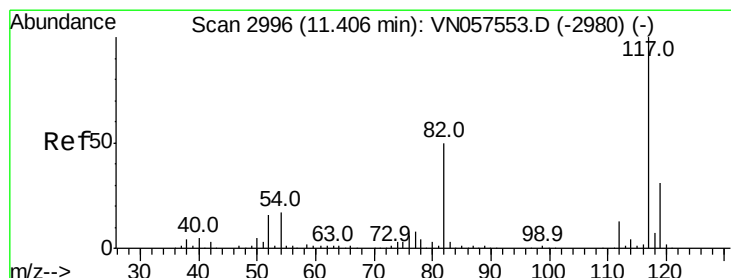
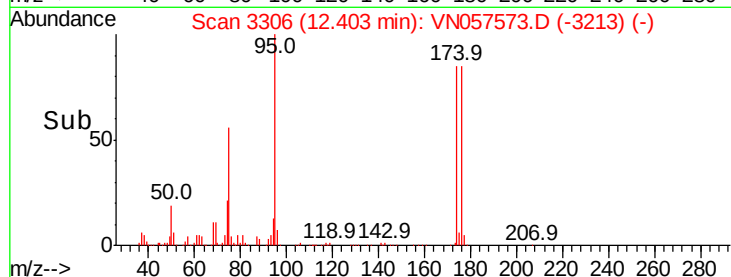
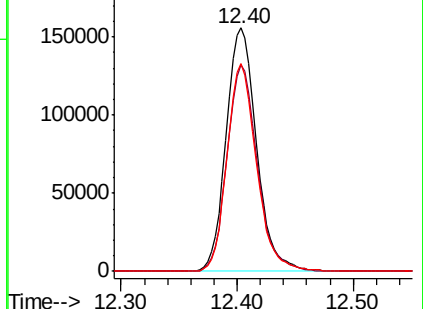
176 82.3 0.0 130.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057573.D

Acq: 30 Aug 2019 1:32

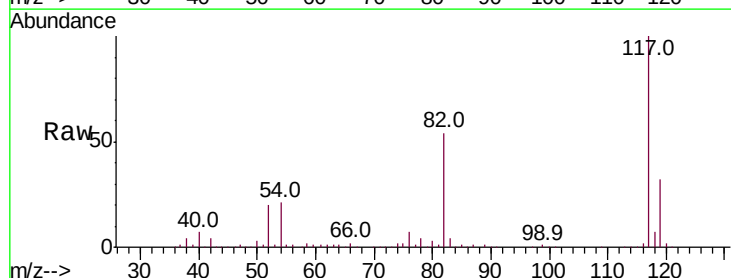
Tgt Ion: 117 Resp: 732498

Ion Ratio Lower Upper

117 100

82 54.4 50.6 75.8

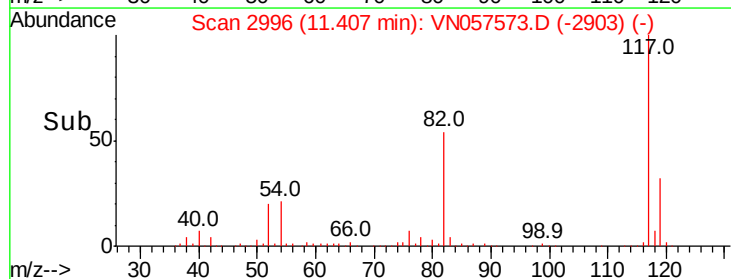
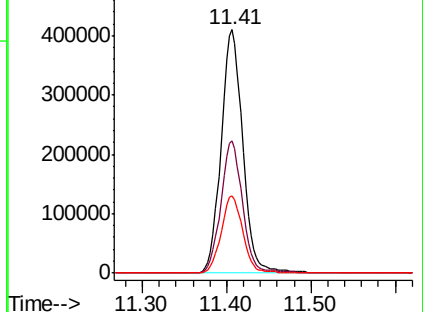
119 31.6 24.6 36.8

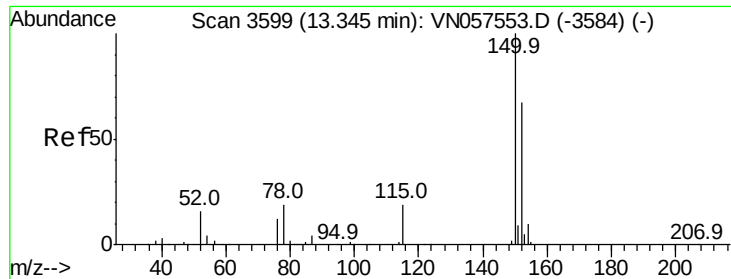


Abundance Ion 116.90 (116.60 to 117.60): VN057553.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057553.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057553.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057573.D

Acq: 30 Aug 2019 1:32

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-R-(1.9)

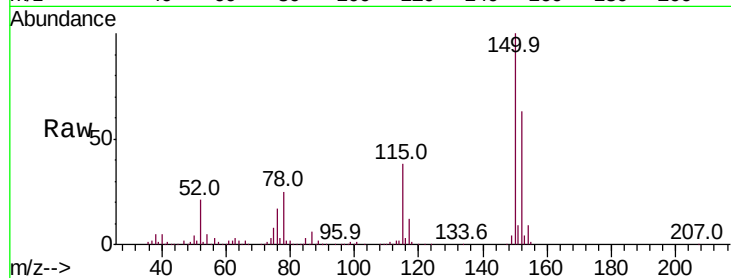
Tot Ion:152 Resp: 197724

Ion Ratio Lower Upper

152 100

115 59.9 32.0 96.0

150 157.0 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

