

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054725.D
 Acq On : 27 Mar 2019 16:36
 Operator : JC/SP
 Sample : K2097-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-21

Quant Time: Mar 28 07:21:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

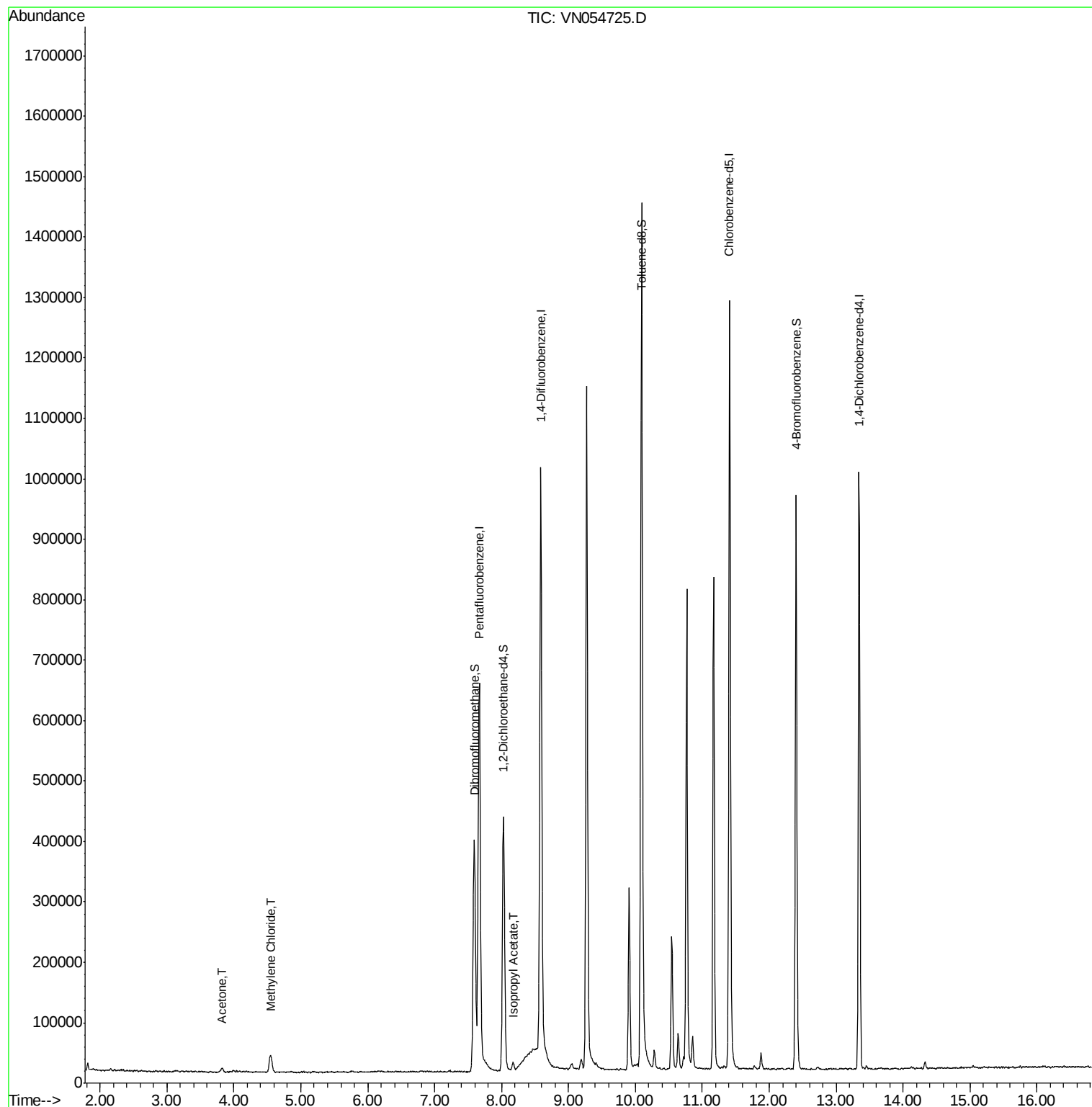
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	542372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	902406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	755536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	368605	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	7.59	113	289918	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.09	98	1071483	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.40	95	325346	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	
Target Compounds						
16) Acetone	3.82	43	10314	5.085	ug/l	92
20) Methylene Chloride	4.54	84	19178	3.208	ug/l	87
43) Isopropyl Acetate	8.17	43	15447	1.524	ug/l #	92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054725.D

Acq: 27 Mar 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

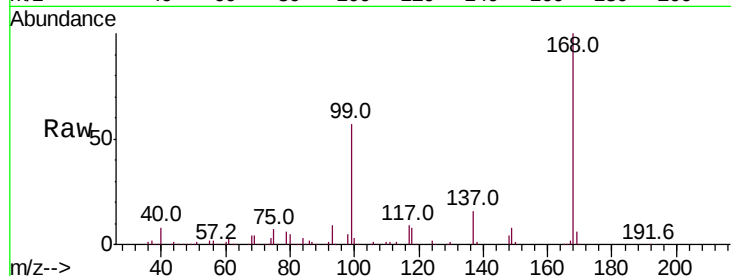
CS-21

Tot Ion:168 Resp: 542372

Ion Ratio Lower Upper

168 100

99 56.5 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

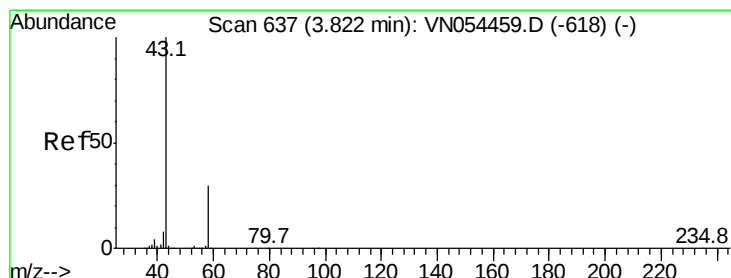
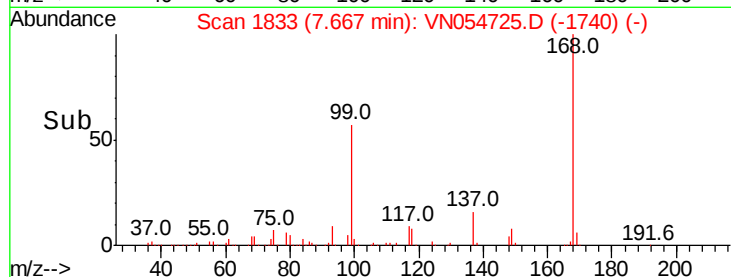
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 5.085 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054725.D

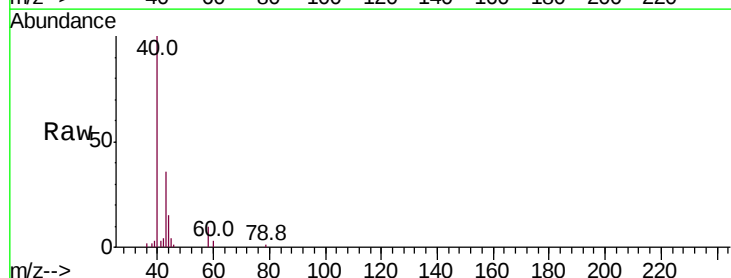
Acq: 27 Mar 2019 16:36

Tgt Ion: 43 Resp: 10314

Ion Ratio Lower Upper

43 100

58 32.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

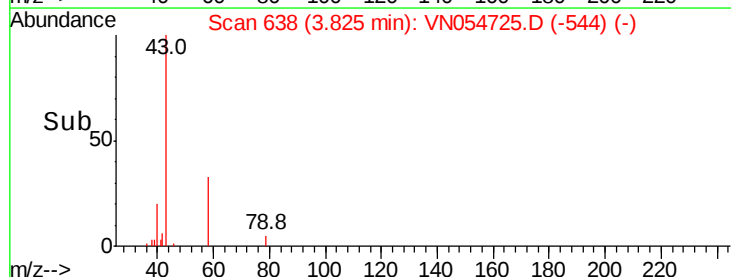
3000

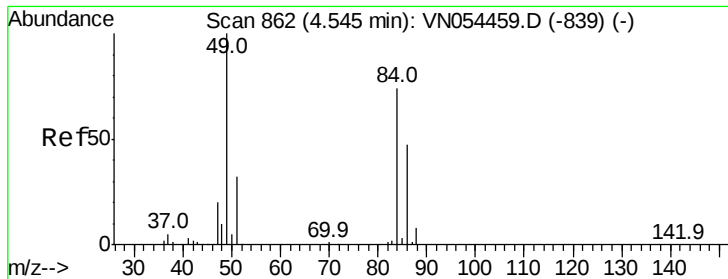
2000

1000

0

Time--> 3.75 3.80 3.85 3.90



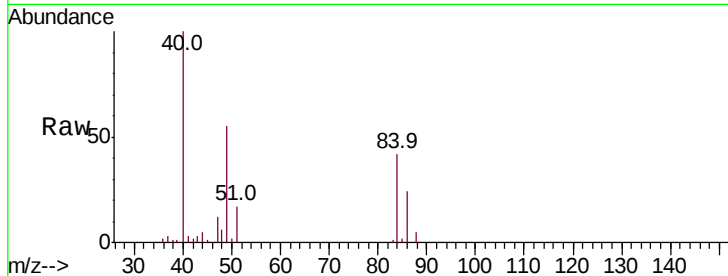


#20
Methvlene Chloride
Concen: 3.208 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054725.D
Acq: 27 Mar 2019 16:36

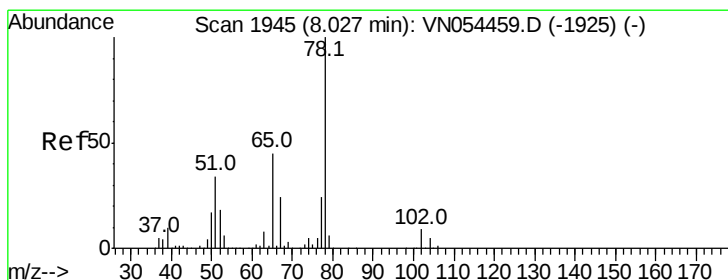
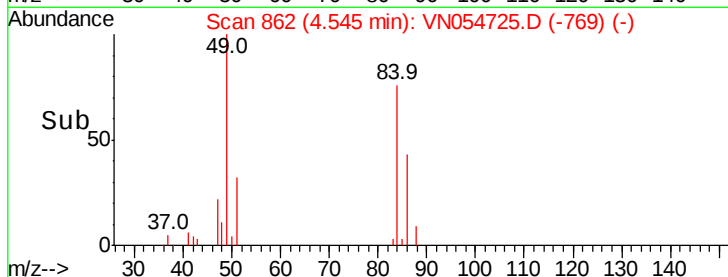
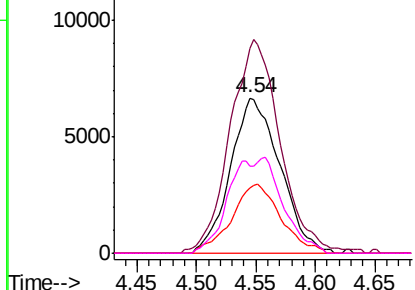
Instrument :
MSVOA_N
ClientSampleId :
CS-21

Tot Ion: 84 Resp: 19178

Ion	Ratio	Lower	Upper
84	100		
49	129.2	89.7	134.5
51	41.8	28.2	42.4
86	56.6	50.8	76.2



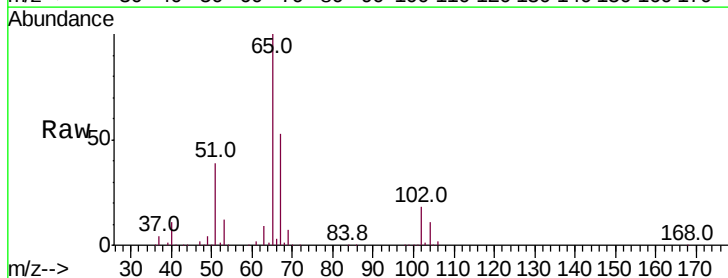
Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



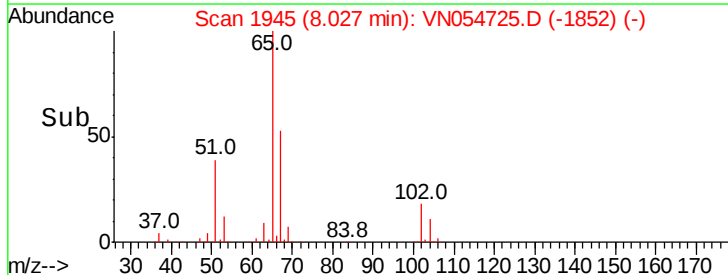
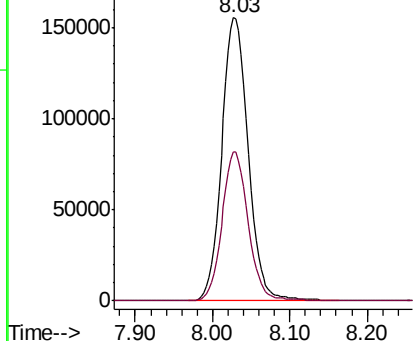
#33
1,2-Dichloroethane-d4
Concen: 54.639 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054725.D
Acq: 27 Mar 2019 16:36

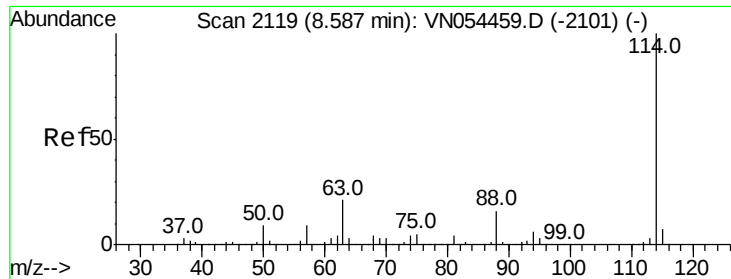
Tgt Ion: 65 Resp: 368605

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.6



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

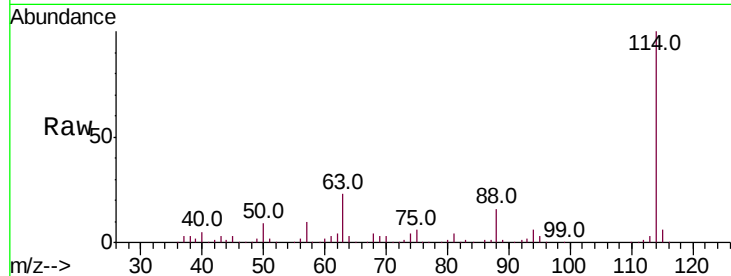




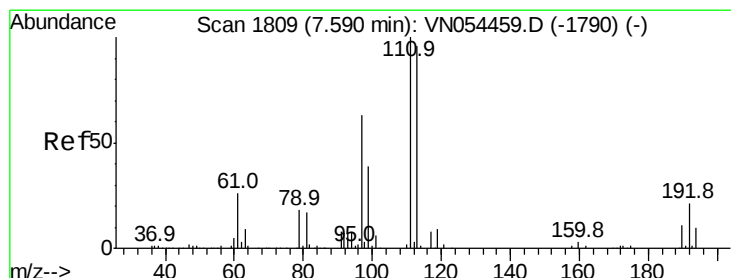
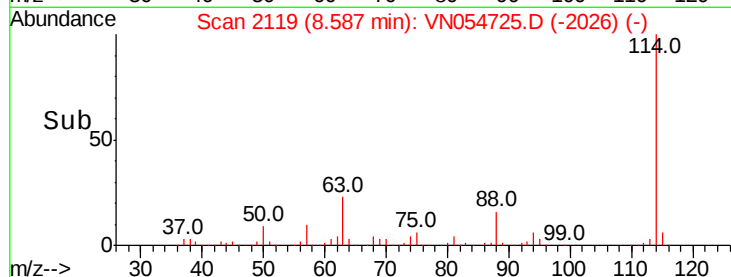
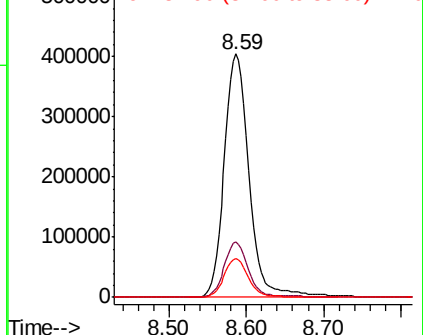
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054725.D
 Acq: 27 Mar 2019 16:36

Instrument :
 MSVOA_N
 ClientSampled :
 CS-21

Tot Ion:114 Resp: 902406
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 15.8 0.0 30.2

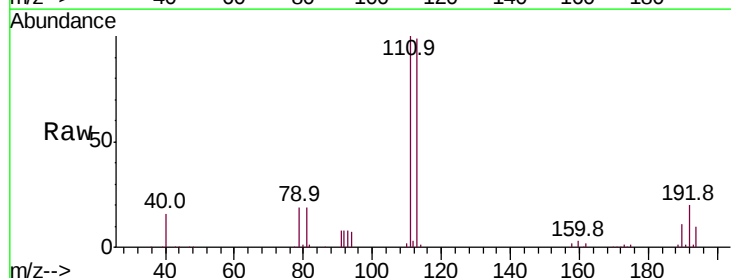


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

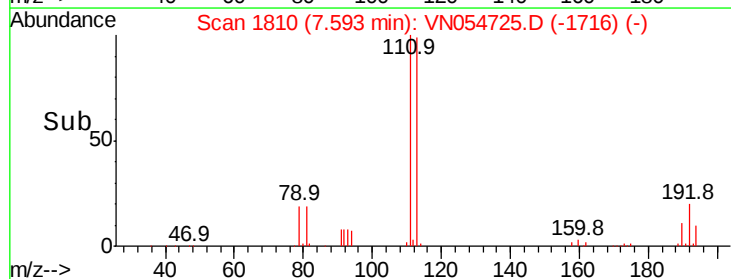
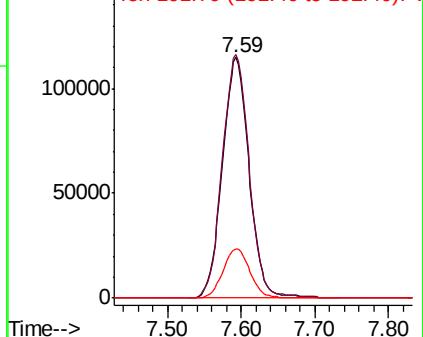


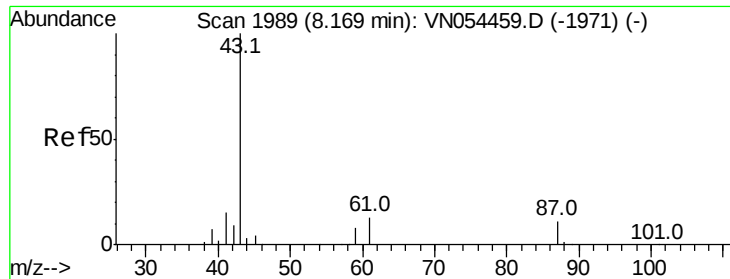
#35
 Dibromofluoromethane
 Concen: 49.868 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054725.D
 Acq: 27 Mar 2019 16:36

Tgt Ion:113 Resp: 289918
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 20.6 19.2 28.8



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: 1.524 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054725.D

Acq: 27 Mar 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

CS-21

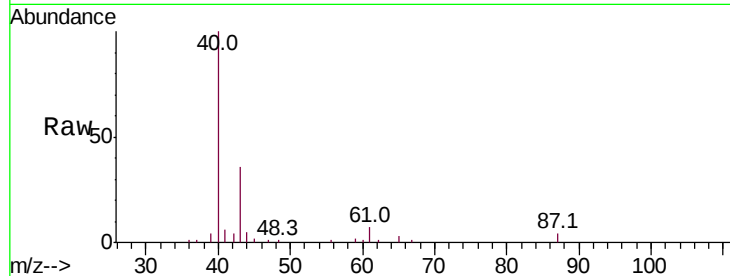
Tot Ion: 43 Resp: 15447

Ion Ratio Lower Upper

43 100

61 17.3 15.8 23.8

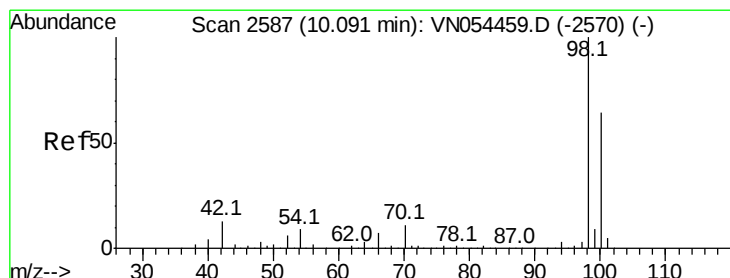
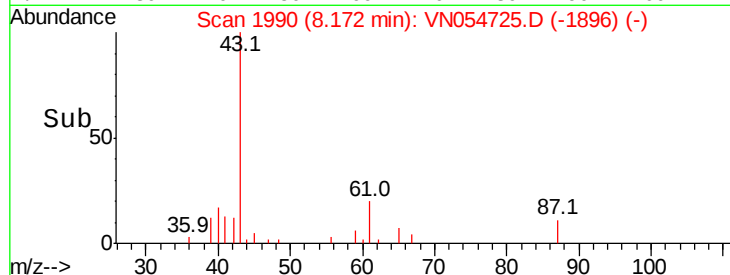
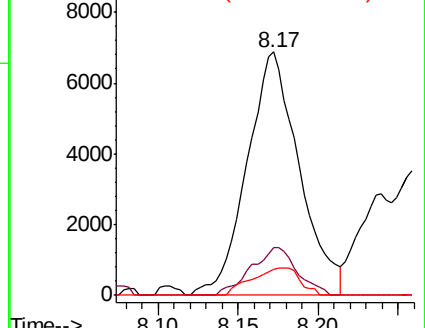
87 10.3 12.0 18.0#



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: 49.024 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054725.D

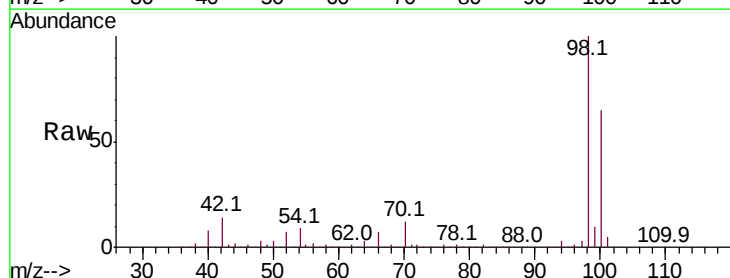
Acq: 27 Mar 2019 16:36

Tgt Ion: 98 Resp: 1071483

Ion Ratio Lower Upper

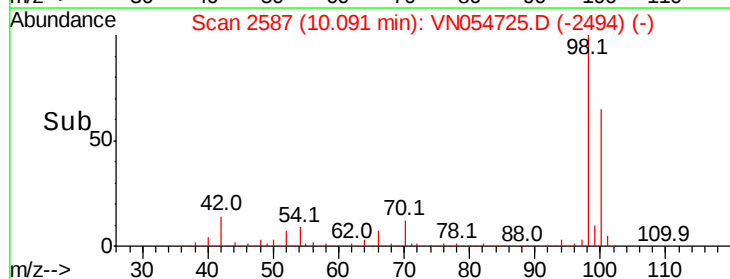
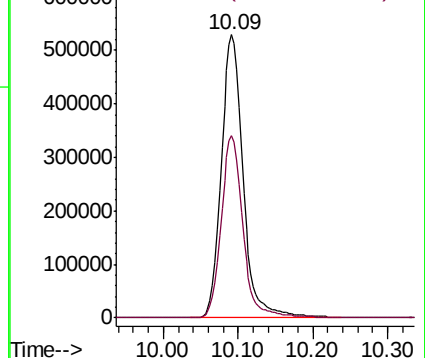
98 100

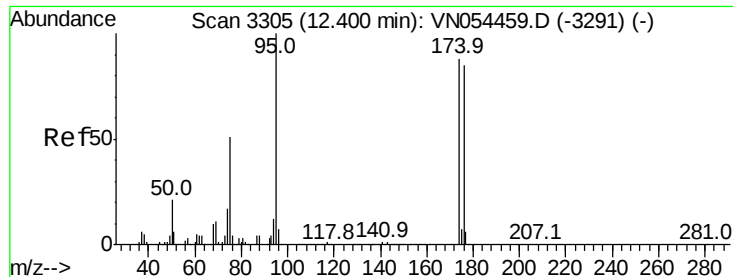
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

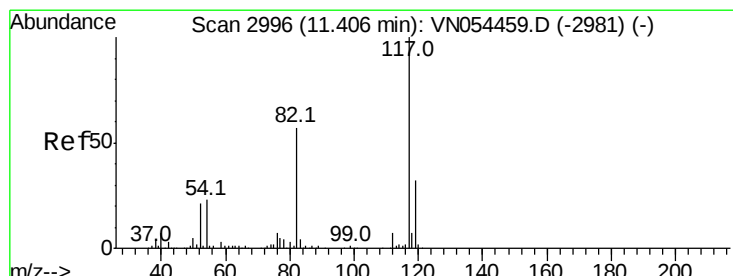
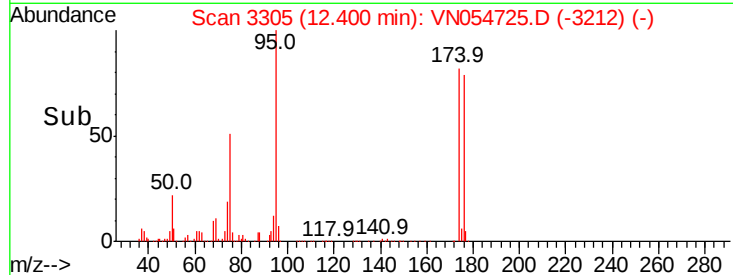
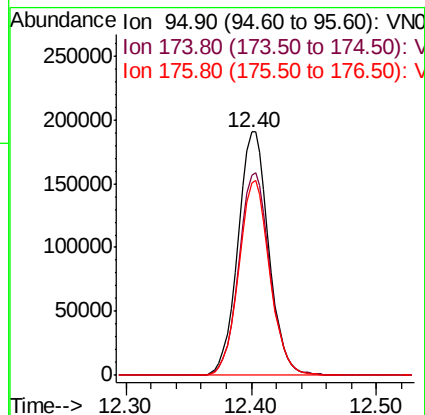
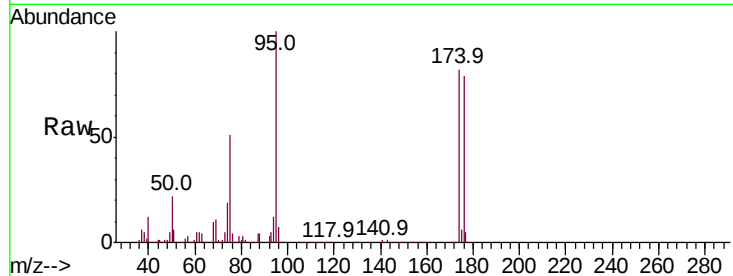




#62
4-Bromofluorobenzene
Concen: 43.745 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054725.D
Acq: 27 Mar 2019 16:36

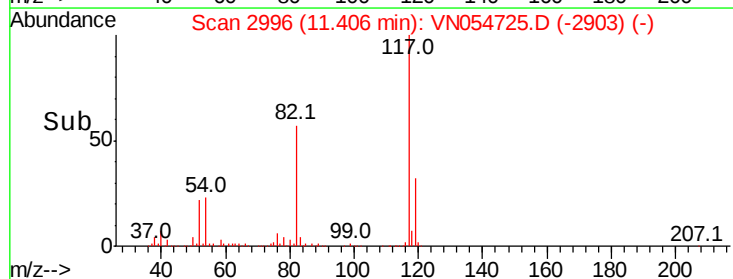
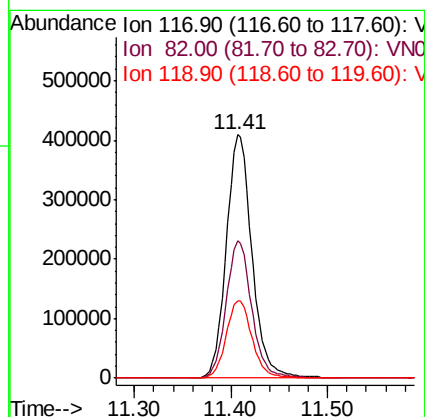
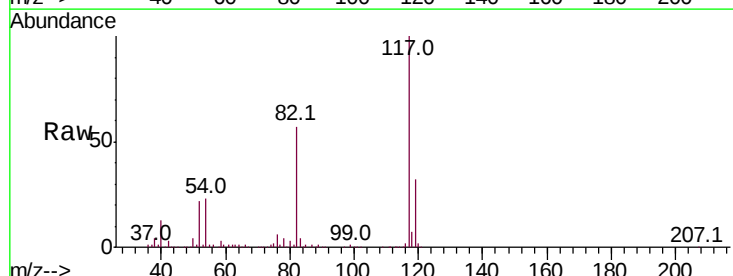
Instrument :
MSVOA_N
ClientSampled :
CS-21

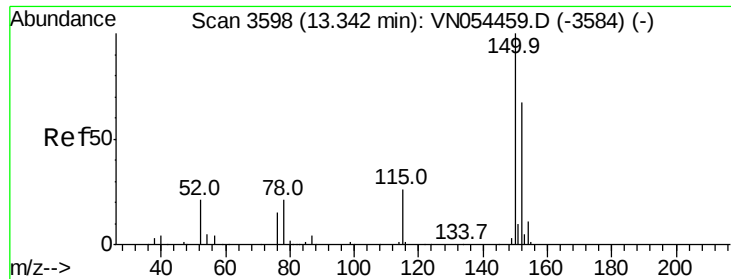
Tot Ion	95	Resp	325346
Ion Ratio	Lower	Upper	
95	100		
174	83.9	0.0	191.0
176	80.4	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054725.D
Acq: 27 Mar 2019 16:36

Tgt Ion	117	Resp	755536
Ion Ratio	Lower	Upper	
117	100		
82	56.6	40.0	60.0
119	32.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054725.D

Acq: 27 Mar 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

CS-21

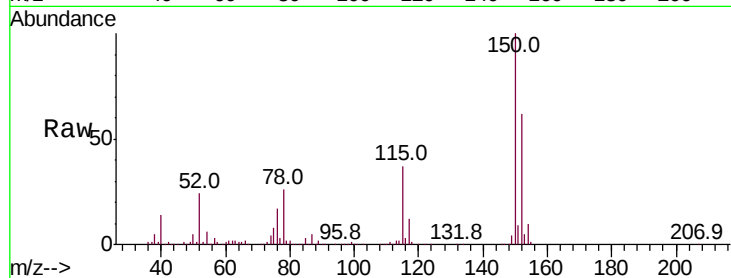
Tot Ion:152 Resp: 260294

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

150 158.2 0.0 349.2



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

