

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057847.D
 Acq On : 10 Sep 2019 9:26
 Operator : JC/SP
 Sample : K4602-29
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-C3-(0)

Quant Time: Sep 13 04:58:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

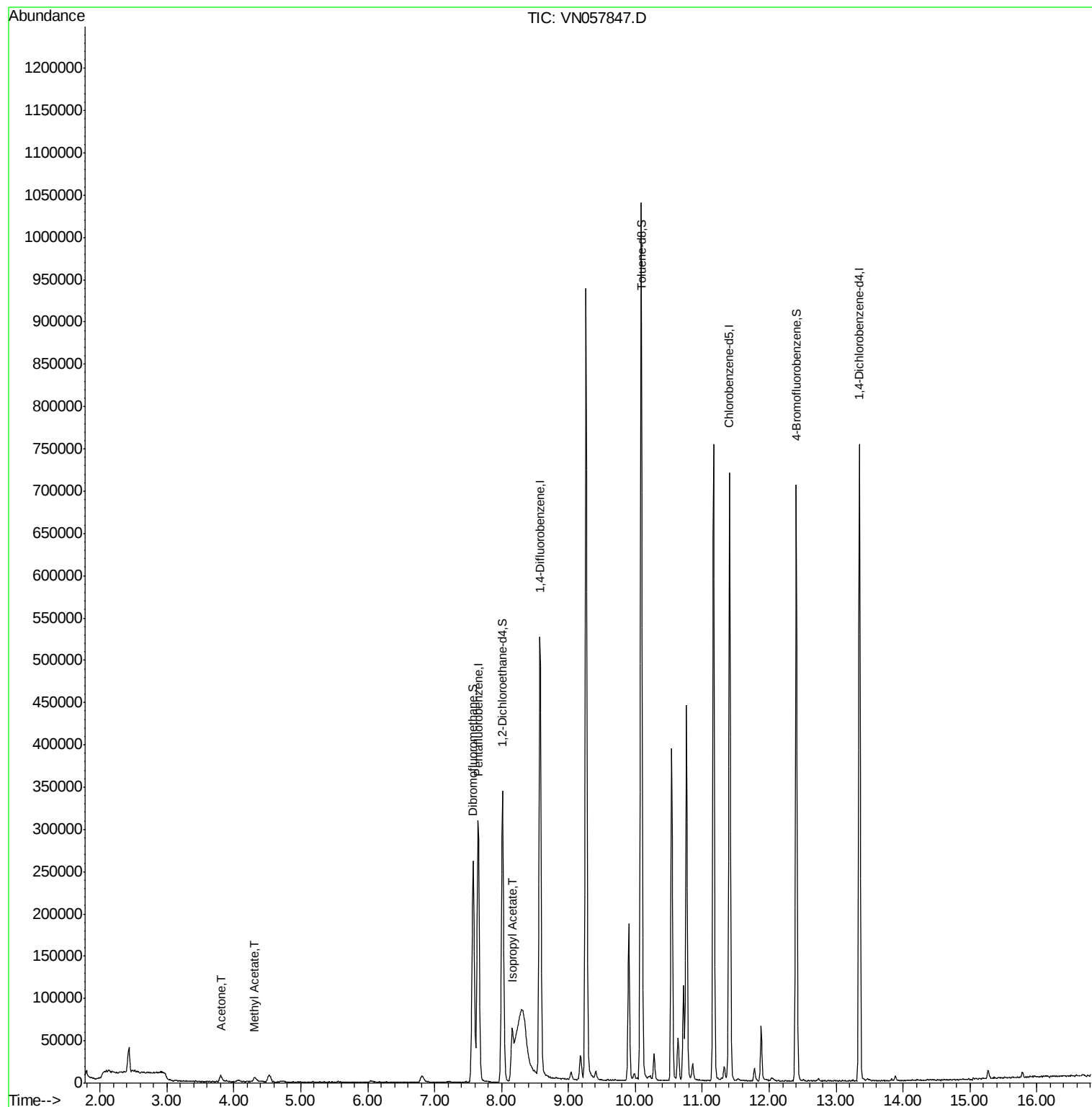
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	241588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	445795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	391503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	184410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	291837	59.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.28%	
35) Dibromofluoromethane	7.58	113	198606	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	711852	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	12.40	95	231957	38.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.20%	
Target Compounds						
16) Acetone	3.80	43	13185	8.220	ug/l #	87
18) Methyl Acetate	4.31	43	10228	2.391	ug/l #	84
43) Isopropyl Acetate	8.16	43	80724	8.986	ug/l #	84

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

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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057847.D

Acq: 10 Sep 2019 9:26

Instrument :

MSVOA_N

ClientSampled :

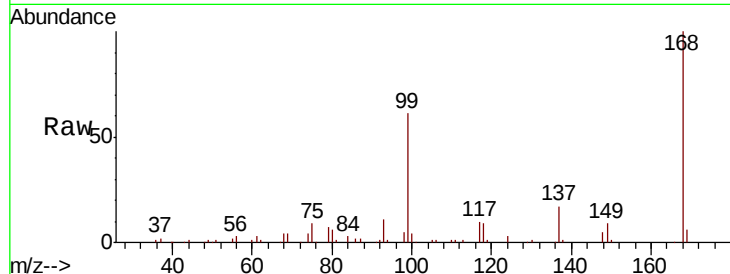
PAR-C3-(0)

Tot Ion:168 Resp: 241588

Ion Ratio Lower Upper

168 100

99 60.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

100000

80000

60000

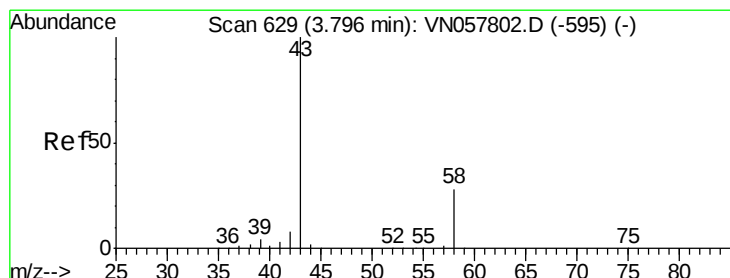
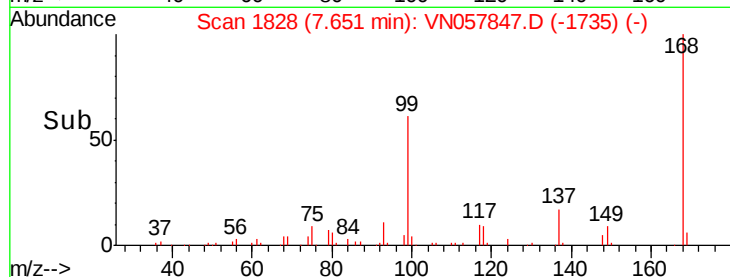
40000

20000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 8.220 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057847.D

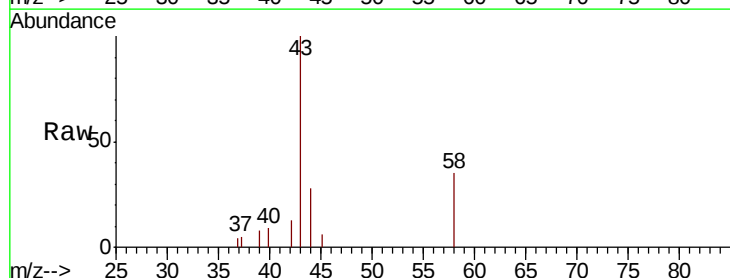
Acq: 10 Sep 2019 9:26

Tgt Ion: 43 Resp: 13185

Ion Ratio Lower Upper

43 100

58 34.7 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

3.80

5000

4000

3000

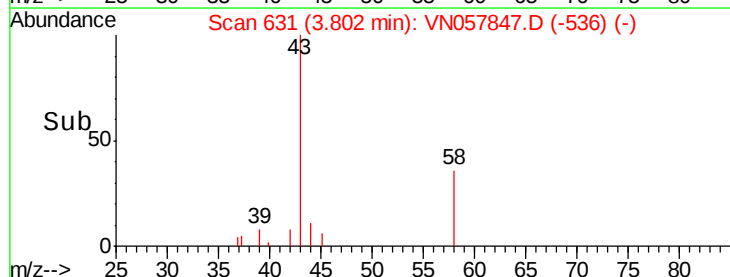
2000

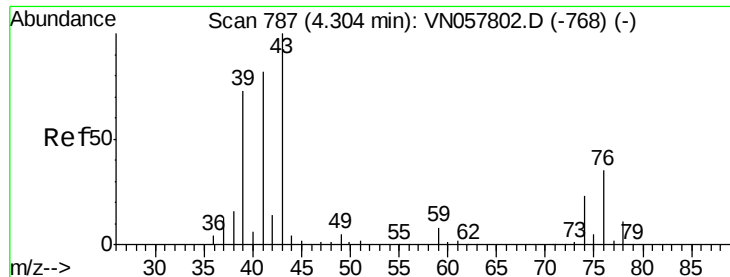
1000

0

Time-->

3.70 3.75 3.80 3.85 3.90

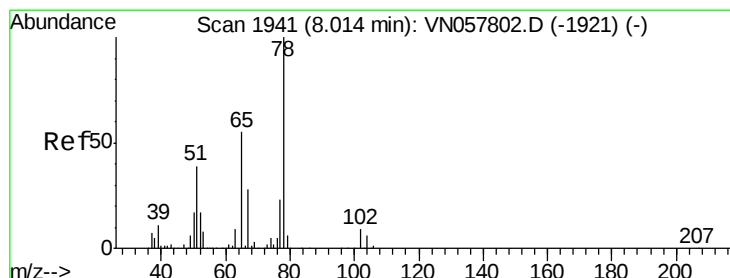
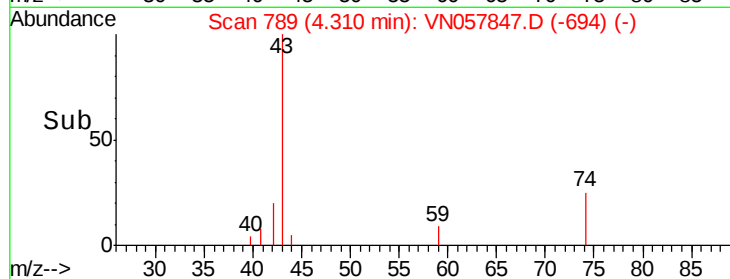
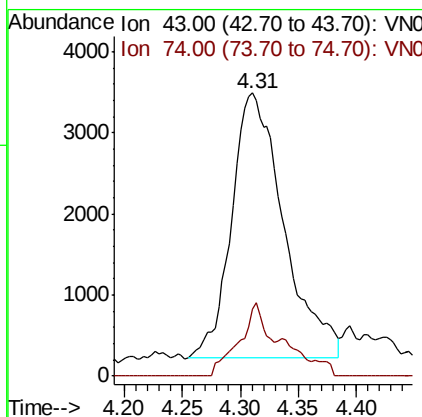
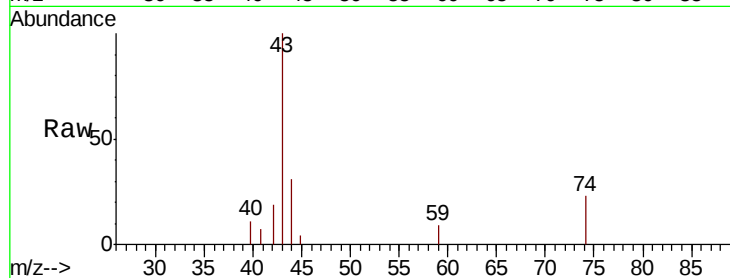




#18
Methyl Acetate
Concen: 2.391 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057847.D
Acq: 10 Sep 2019 9:26

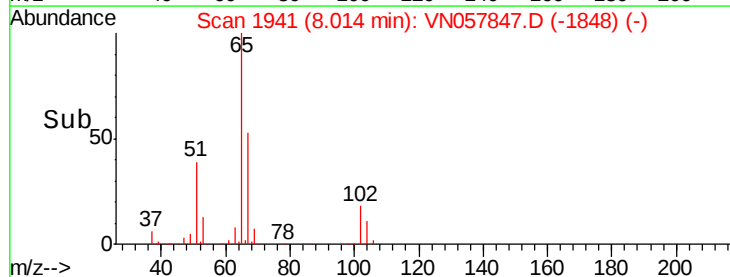
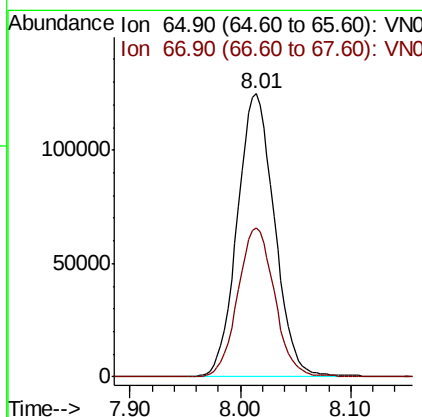
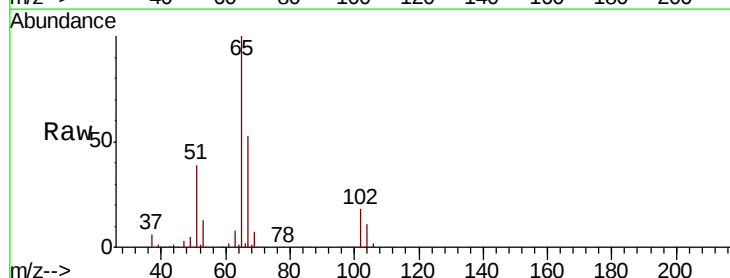
Instrument :
MSVOA_N
ClientSampled :
PAR-C3-(0)

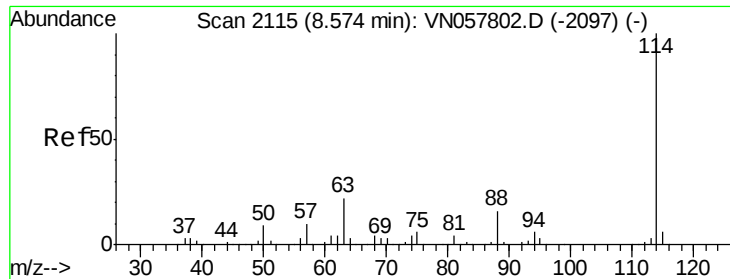
Tot Ion: 43 Resp: 10228
Ion Ratio Lower Upper
43 100
74 14.7 17.9 26.9#



#33
1,2-Dichloroethane-d4
Concen: 59.642 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057847.D
Acq: 10 Sep 2019 9:26

Tgt Ion: 65 Resp: 291837
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

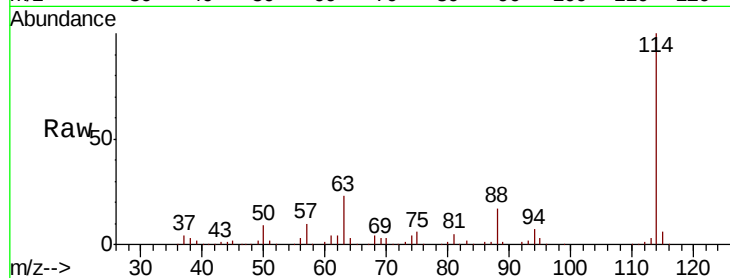




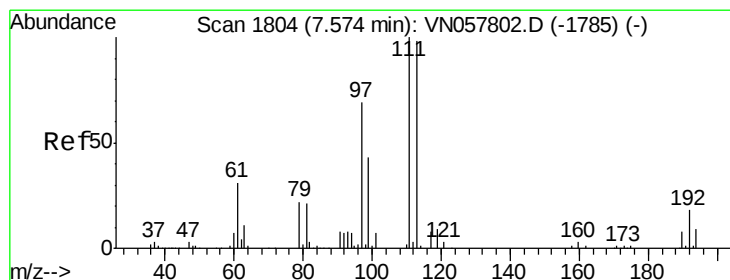
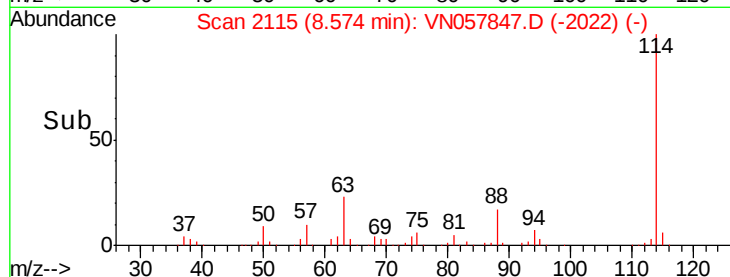
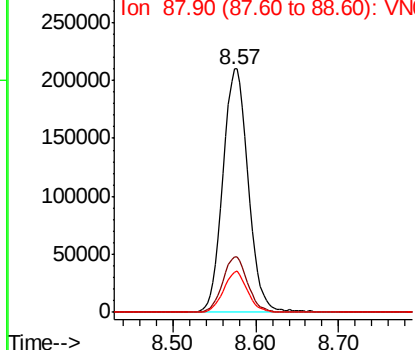
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057847.D
 Acq: 10 Sep 2019 9:26

Instrument :
 MSVOA_N
 ClientSampled :
 PAR-C3-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.0
88	16.6	0.0	31.4

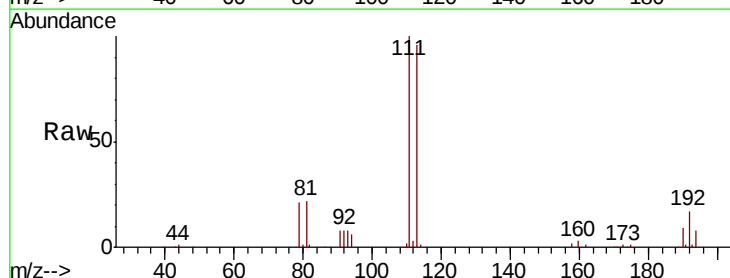


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

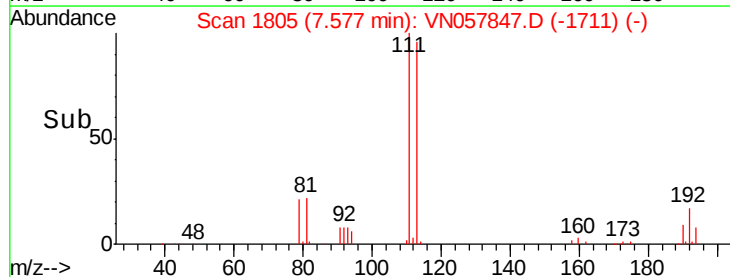
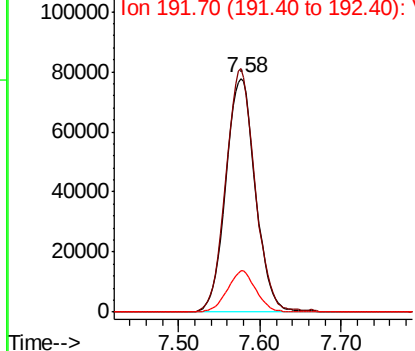


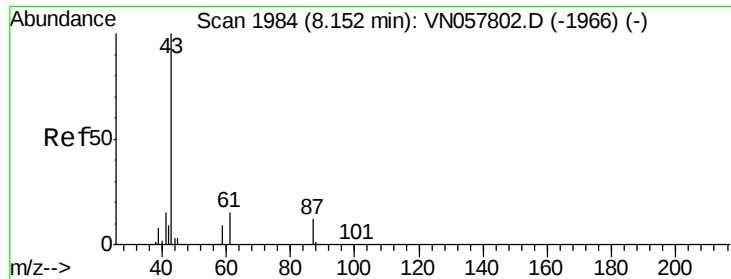
#35
 Dibromofluoromethane
 Concen: 48.270 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057847.D
 Acq: 10 Sep 2019 9:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	17.1	14.6	22.0



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: 8.986 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VN057847.D

Acq: 10 Sep 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

PAR-C3-(0)

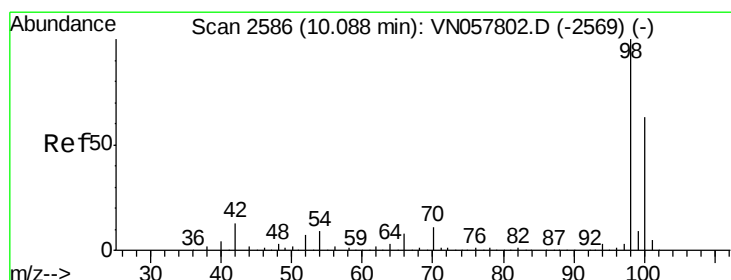
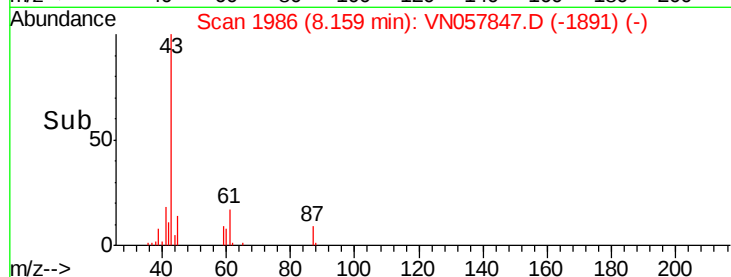
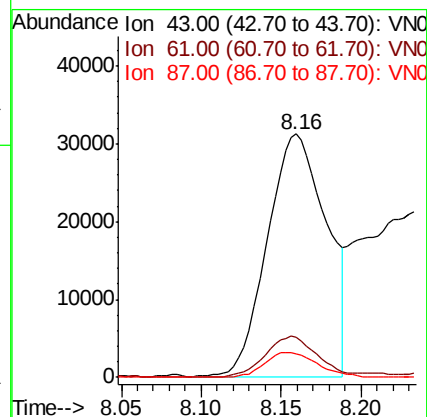
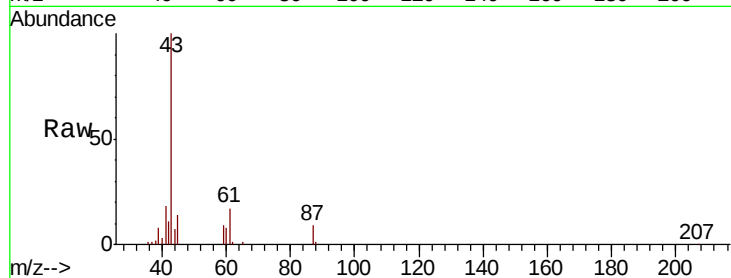
Tot Ion: 43 Resp: 80724

Ion Ratio Lower Upper

43 100

61 15.2 20.1 30.1#

87 9.0 9.5 14.3#



#50

Toluene-d8

Concen: 44.561 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057847.D

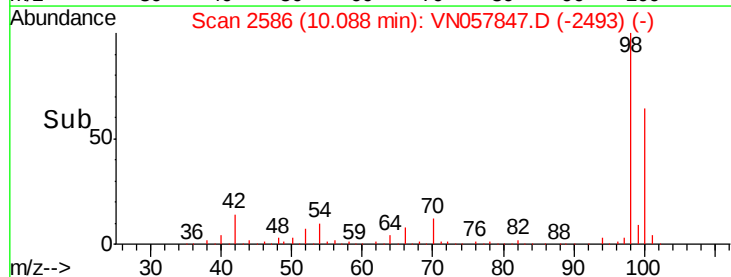
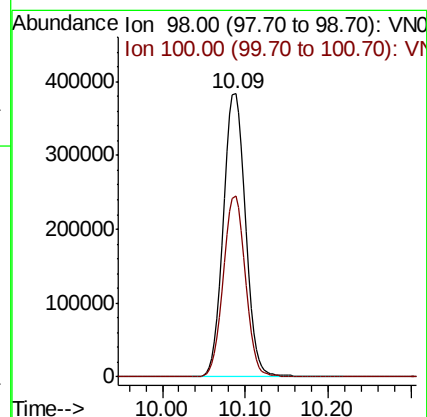
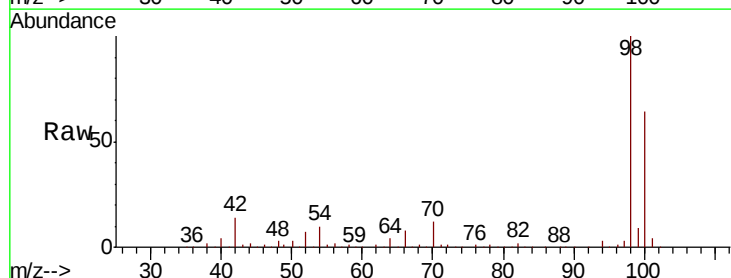
Acq: 10 Sep 2019 9:26

Tgt Ion: 98 Resp: 711852

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

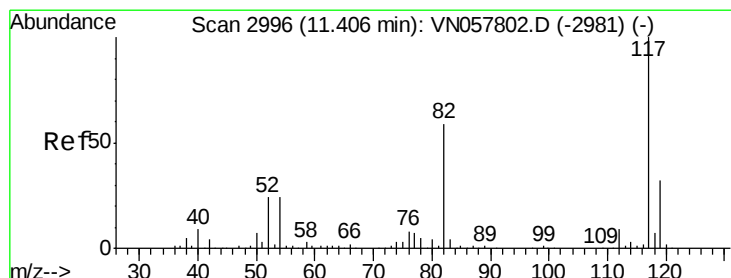
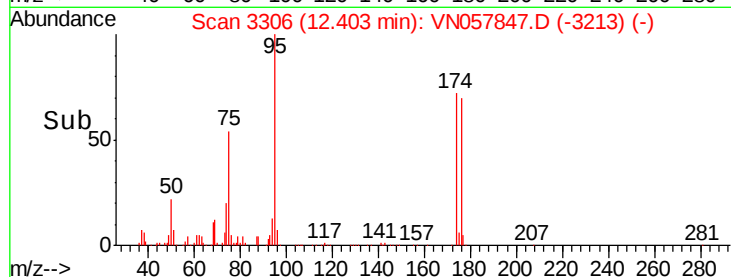
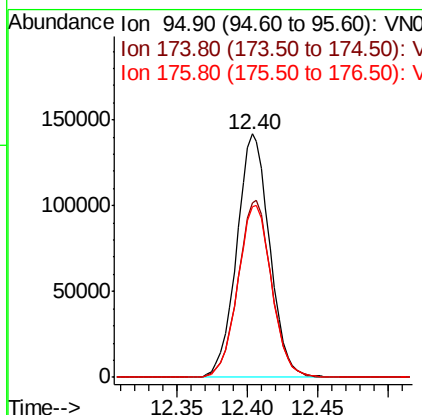
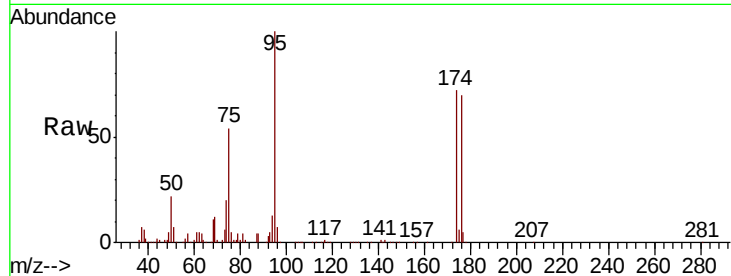




#62
4-Bromofluorobenzene
Concen: 38.102 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057847.D
Acq: 10 Sep 2019 9:26

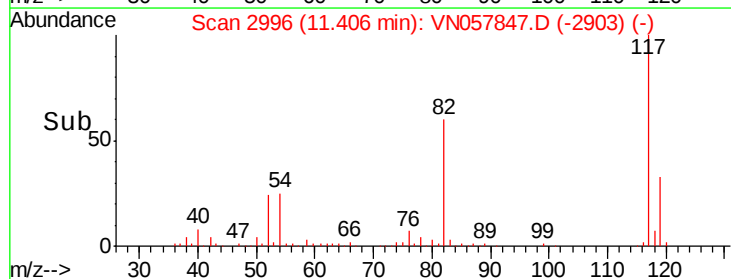
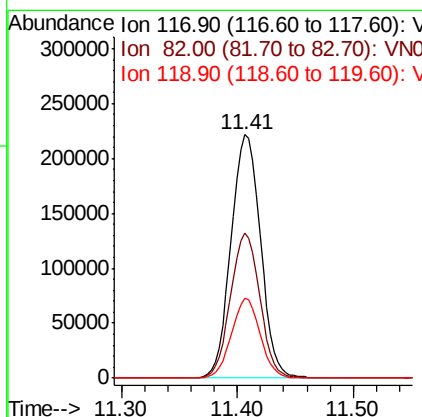
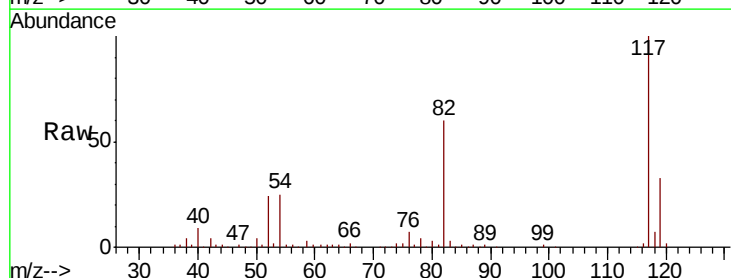
Instrument :
MSVOA_N
ClientSampleId :
PAR-C3-(0)

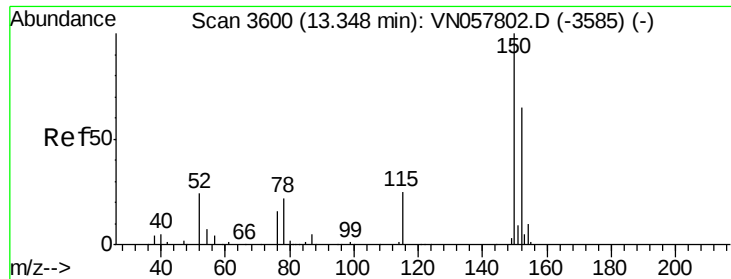
Tot Ion	95	Resp	231957
Ion Ratio	Lower	Upper	
95	100		
174	74.0	0.0	150.2
176	72.9	0.0	146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057847.D
Acq: 10 Sep 2019 9:26

Tgt Ion	117	Resp	391503
Ion Ratio	Lower	Upper	
117	100		
82	59.6	47.2	70.8
119	32.7	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057847.D
 Acq: 10 Sep 2019 9:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-C3-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.3	91.0
150	162.1	0.0	352.4

