

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057843.D
 Acq On : 10 Sep 2019 7:58
 Operator : JC/SP
 Sample : K4622-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-A3-(4)

Quant Time: Sep 10 09:01:21 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

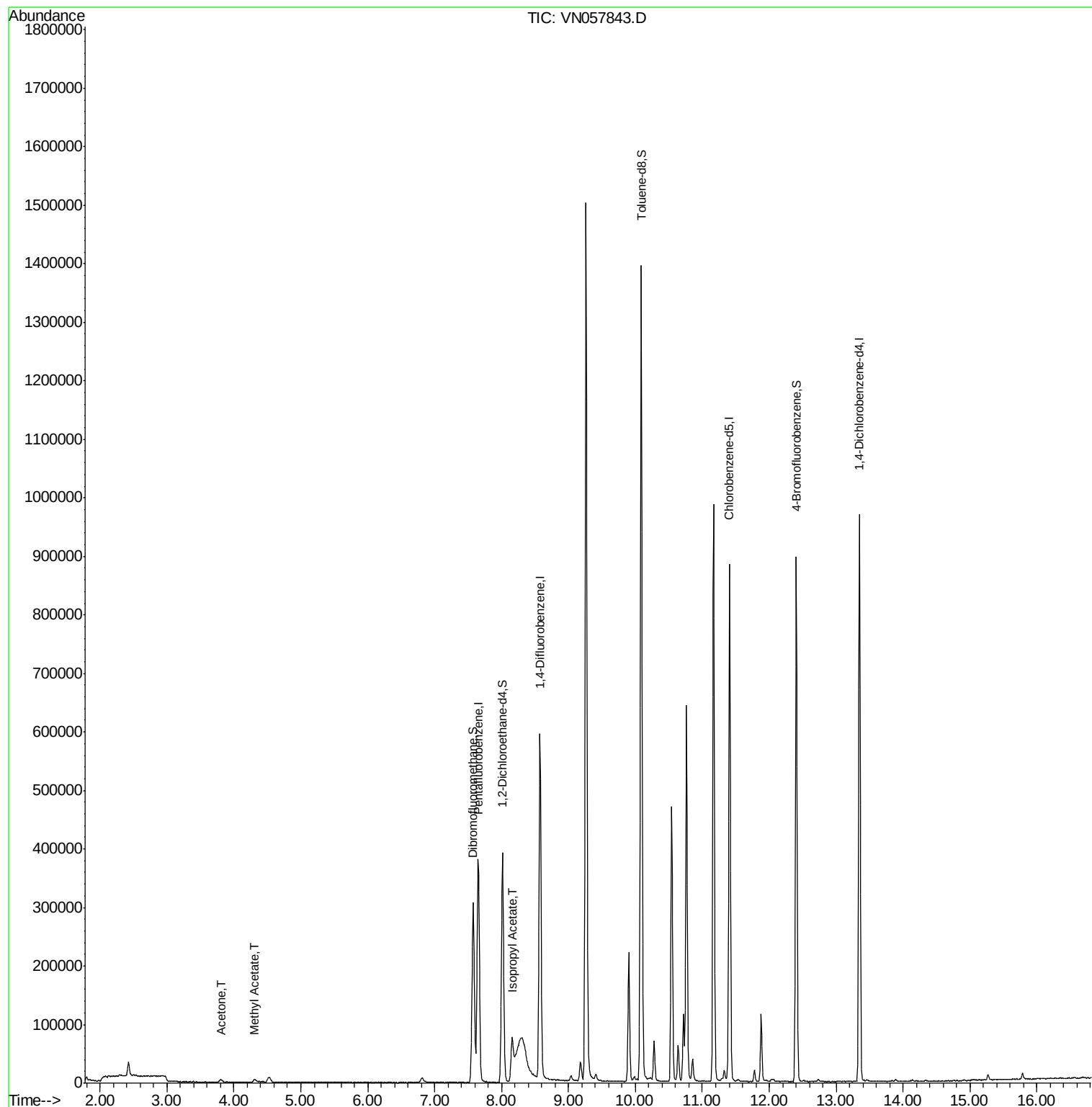
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	293614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	335157	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	7.58	113	232372	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.09	98	949789	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	306539	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
16) Acetone	3.81	43	8684	4.454	ug/l #	88
18) Methyl Acetate	4.31	43	9110	1.753	ug/l #	66
43) Isopropyl Acetate	8.16	43	105472	10.171	ug/l #	85

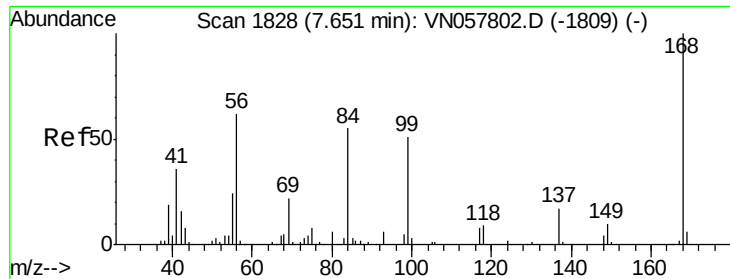
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN057843.D

Acq: 10 Sep 2019 7:58

Instrument :

MSVOA_N

ClientSampleId :

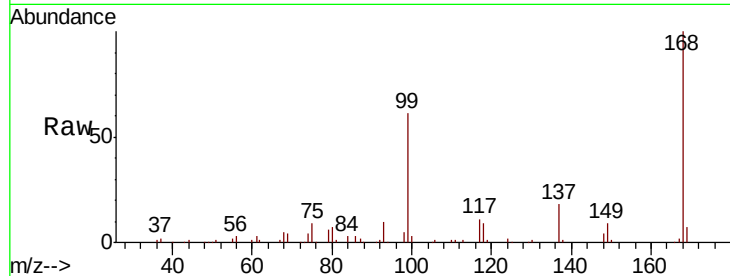
PAR-11-A3-(4)

Tot Ion:168 Resp: 293614

Ion Ratio Lower Upper

168 100

99 61.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

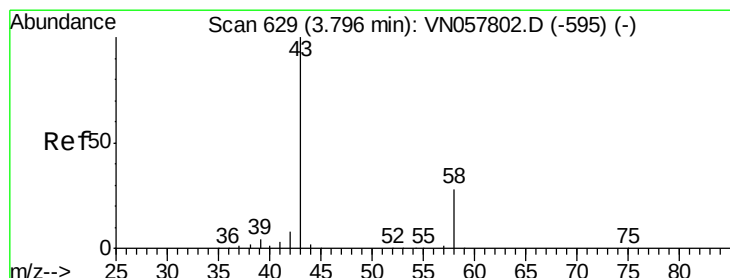
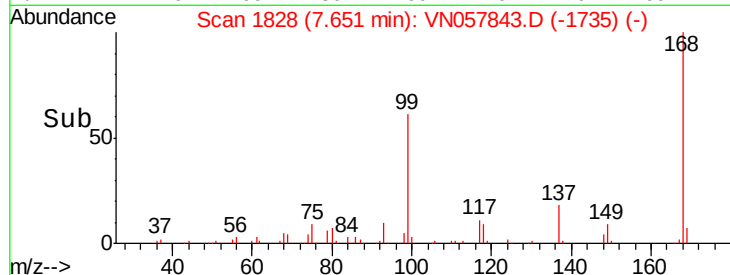
7.65

100000

50000

0

Time-->



#16

Acetone

Concen: 4.454 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057843.D

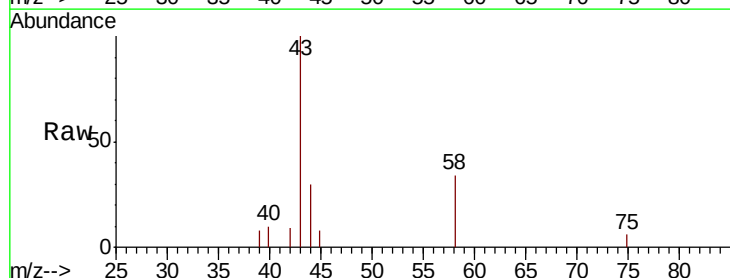
Acq: 10 Sep 2019 7:58

Tgt Ion: 43 Resp: 8684

Ion Ratio Lower Upper

43 100

58 33.7 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

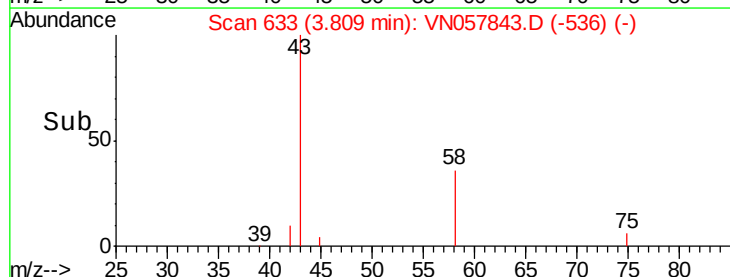
3000

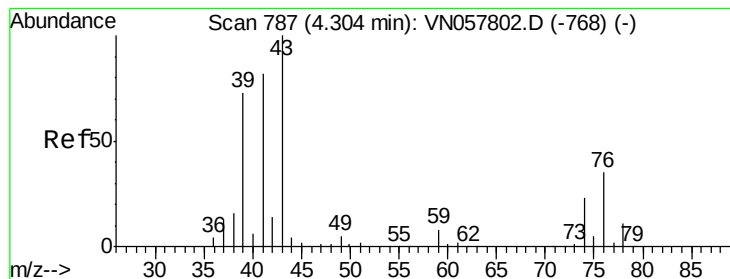
2000

1000

0

Time-->





#18

Methyl Acetate

Concen: 1.753 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057843.D

Acq: 10 Sep 2019 7:58

Instrument :

MSVOA_N

ClientSampleId :

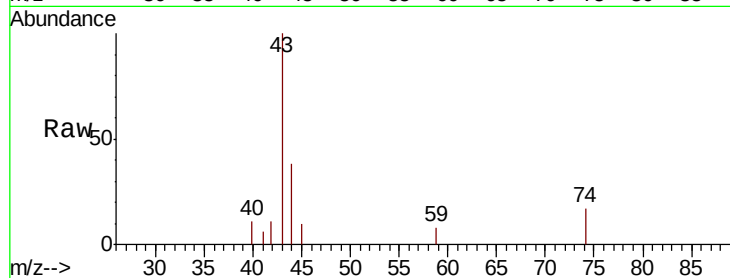
PAR-11-A3-(4)

Tot Ion: 43 Resp: 9110

Ion Ratio Lower Upper

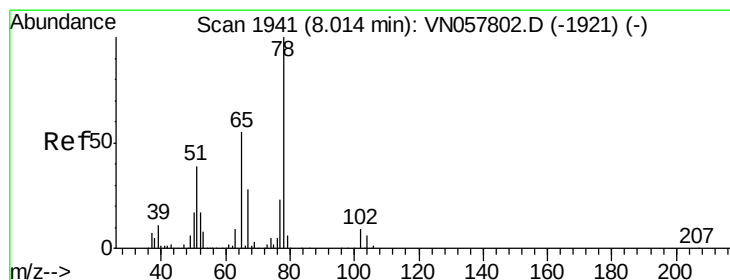
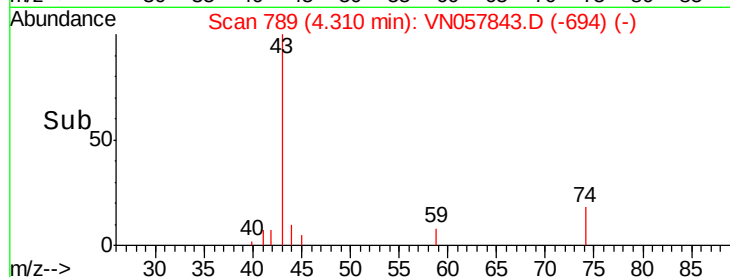
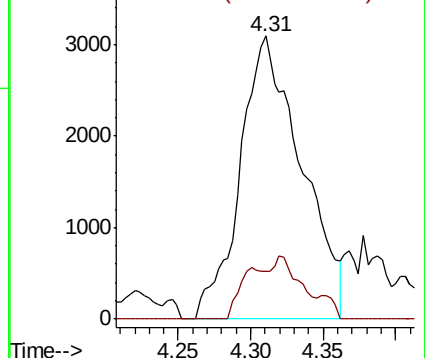
43 100

74 5.9 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 56.358 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057843.D

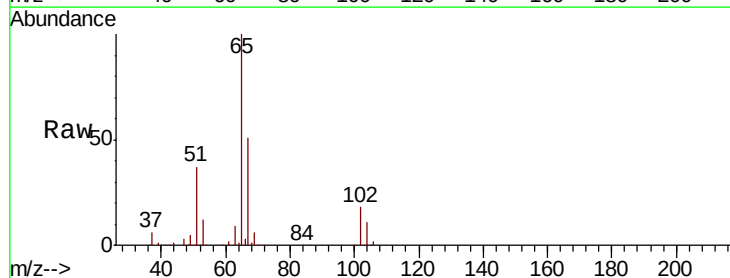
Acq: 10 Sep 2019 7:58

Tgt Ion: 65 Resp: 335157

Ion Ratio Lower Upper

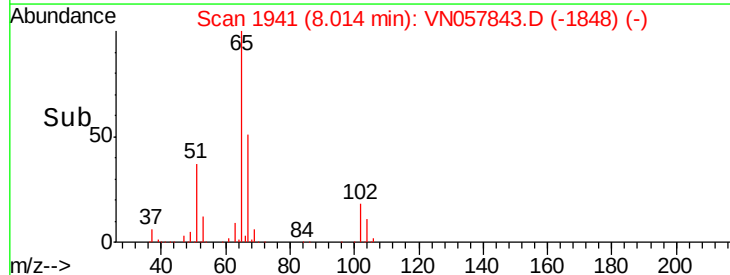
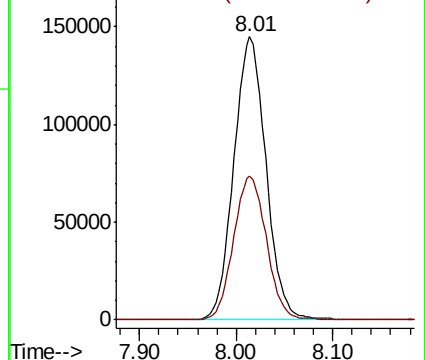
65 100

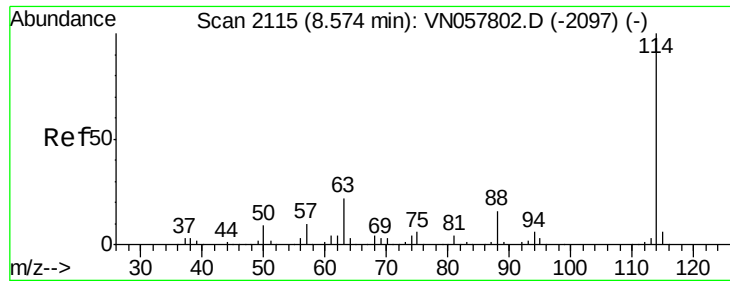
67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

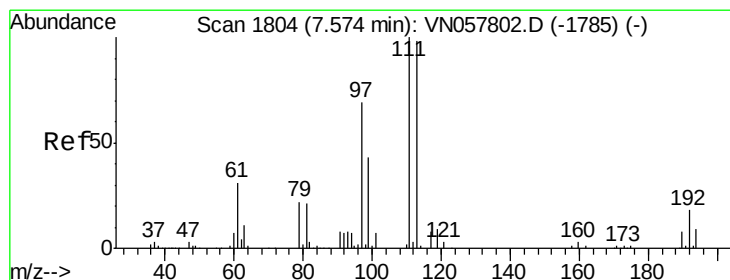
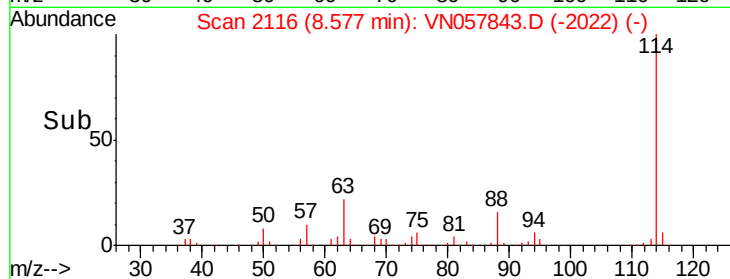
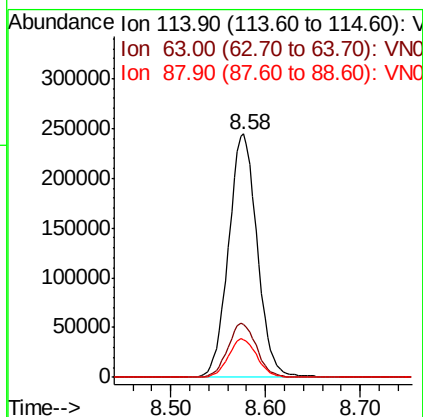
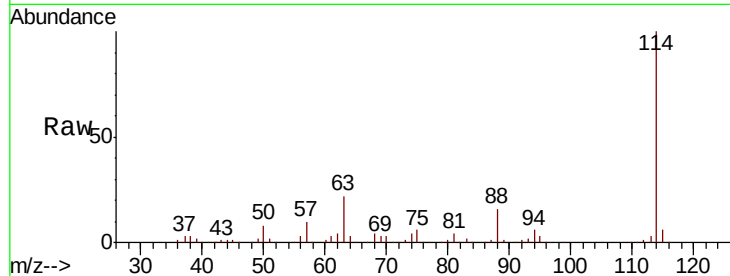




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057843.D
 Acq: 10 Sep 2019 7:58

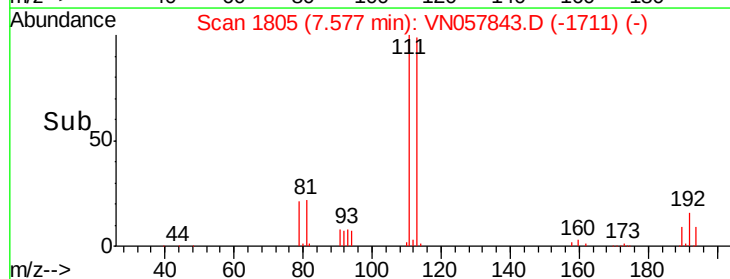
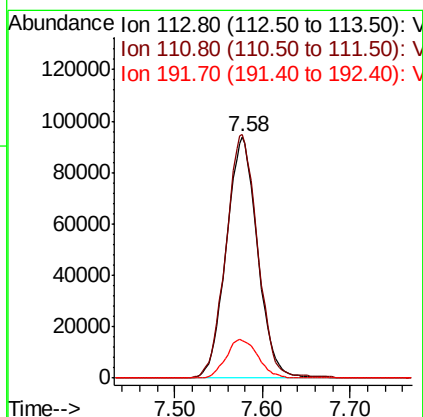
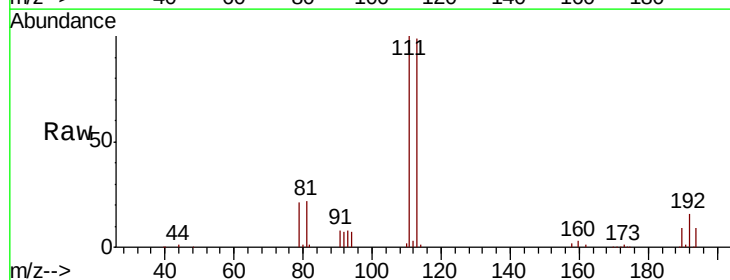
Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-A3-(4)

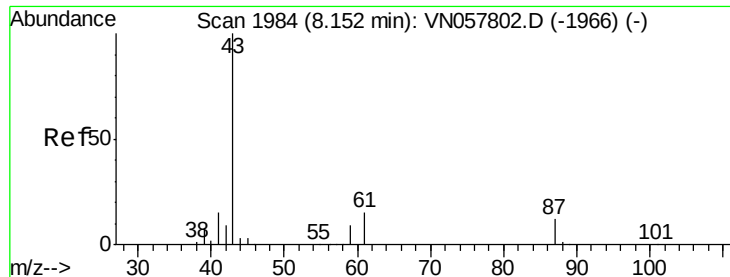
Tot Ion:114 Resp: 514641
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.921 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057843.D
 Acq: 10 Sep 2019 7:58

Tgt Ion:113 Resp: 232372
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.3 121.9
 192 16.4 14.6 22.0





#43

Isopropyl Acetate

Concen: 10.171 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057843.D

Acq: 10 Sep 2019 7:58

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-A3-(4)

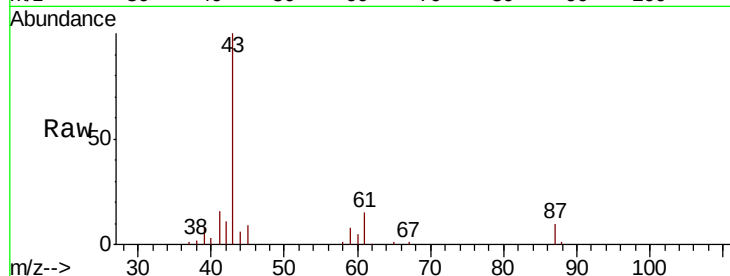
Tot Ion: 43 Resp: 105472

Ion Ratio Lower Upper

43 100

61 15.5 20.1 30.1#

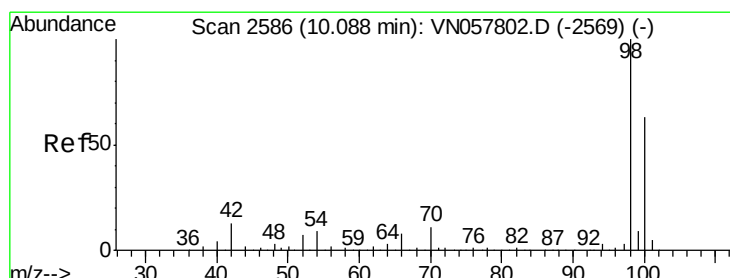
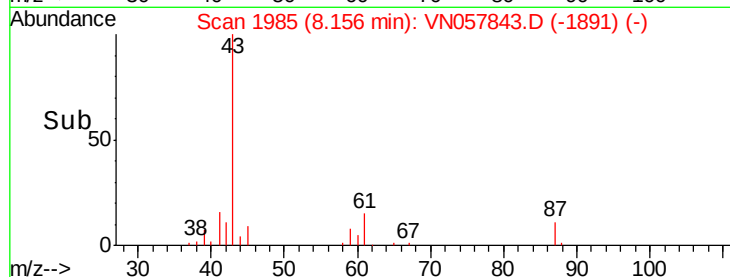
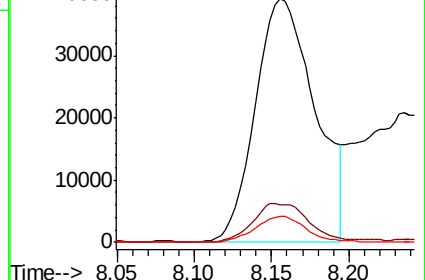
87 9.1 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#50

Toluene-d8

Concen: 51.502 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057843.D

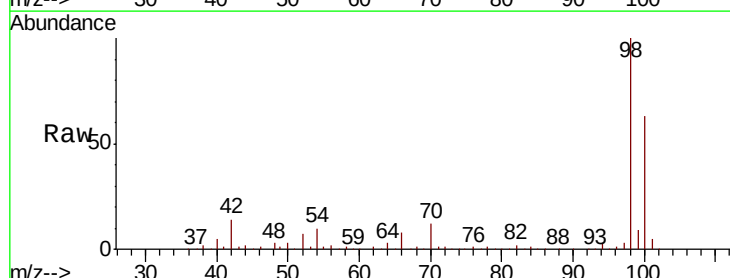
Acq: 10 Sep 2019 7:58

Tgt Ion: 98 Resp: 949789

Ion Ratio Lower Upper

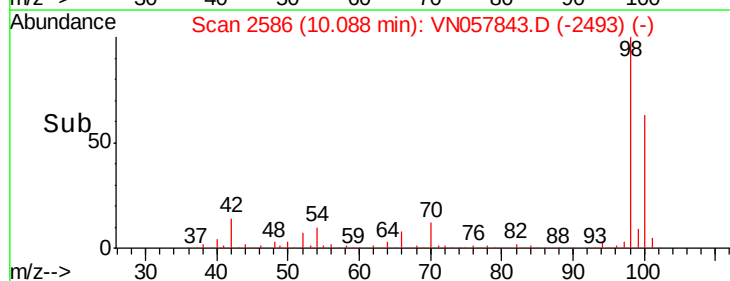
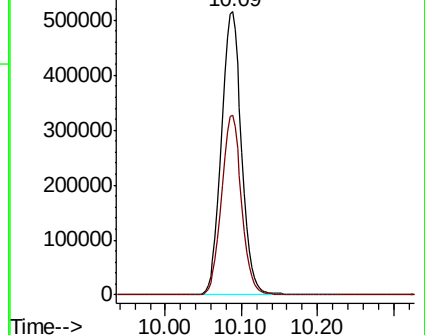
98 100

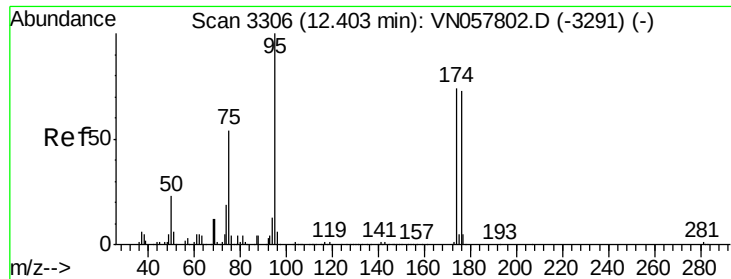
100 62.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)

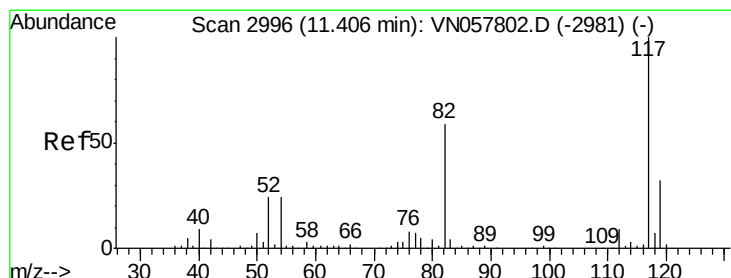
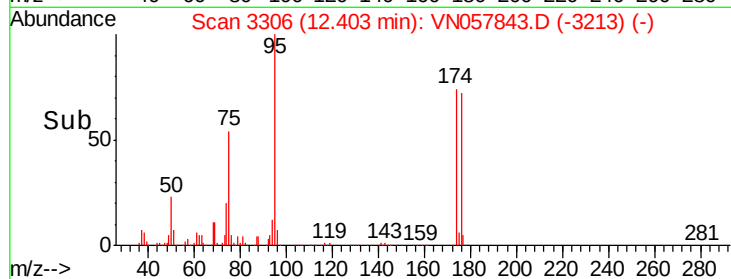
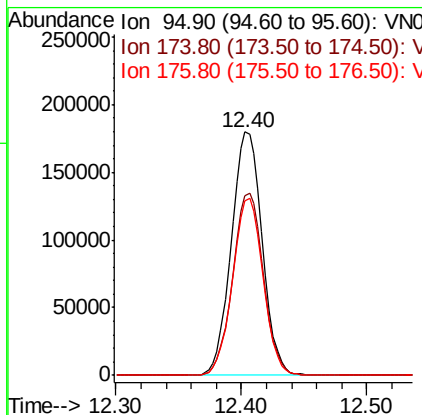
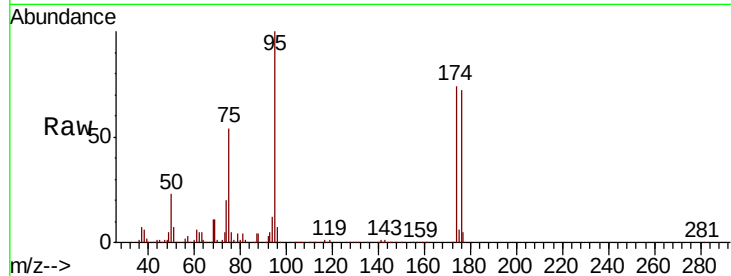




#62
4-Bromofluorobenzene
Concen: 43.617 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057843.D
Acq: 10 Sep 2019 7:58

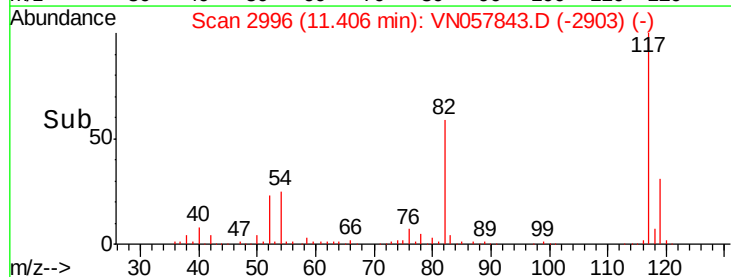
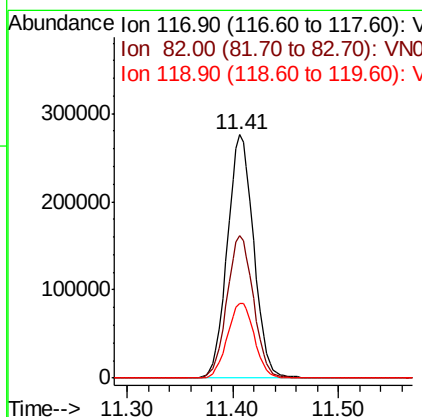
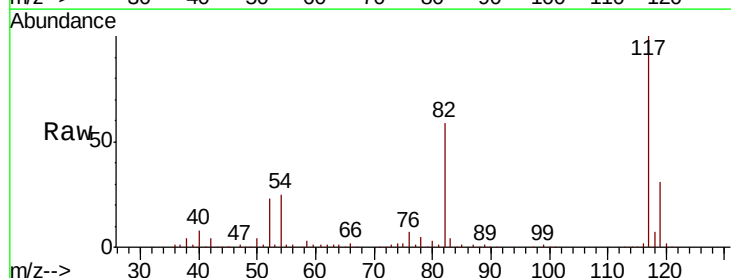
Instrument :
MSVOA_N
ClientSampleId :
PAR-11-A3-(4)

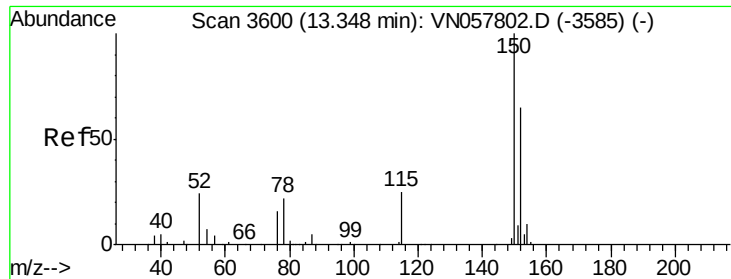
Tot Ion	95	Resp	306539
Ion Ratio	Lower	Upper	
95	100		
174	74.7	0.0	150.2
176	71.8	0.0	146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057843.D
Acq: 10 Sep 2019 7:58

Tgt Ion	117	Resp	474855
Ion Ratio	Lower	Upper	
117	100		
82	58.8	47.2	70.8
119	30.9	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: VN057843.D

Acq: 10 Sep 2019 7:58

Instrument :

MSVOA_N

ClientSampleId :

PAR-11-A3-(4)

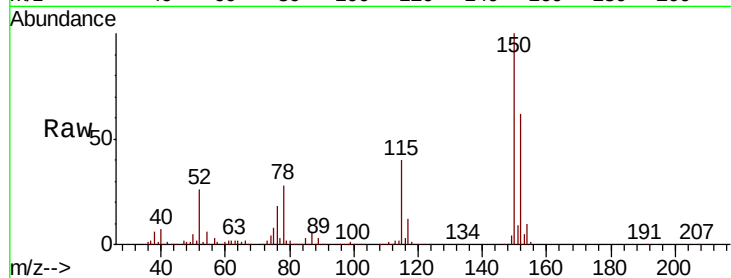
Tot Ion:152 Resp: 237263

Ion Ratio Lower Upper

152 100

115 63.0 30.3 91.0

150 161.2 0.0 352.4



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

