

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058941.D
 Acq On : 23 Oct 2019 19:26
 Operator : JC/SP
 Sample : K5508-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-ER-2019-2

Quant Time: Oct 24 02:37:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

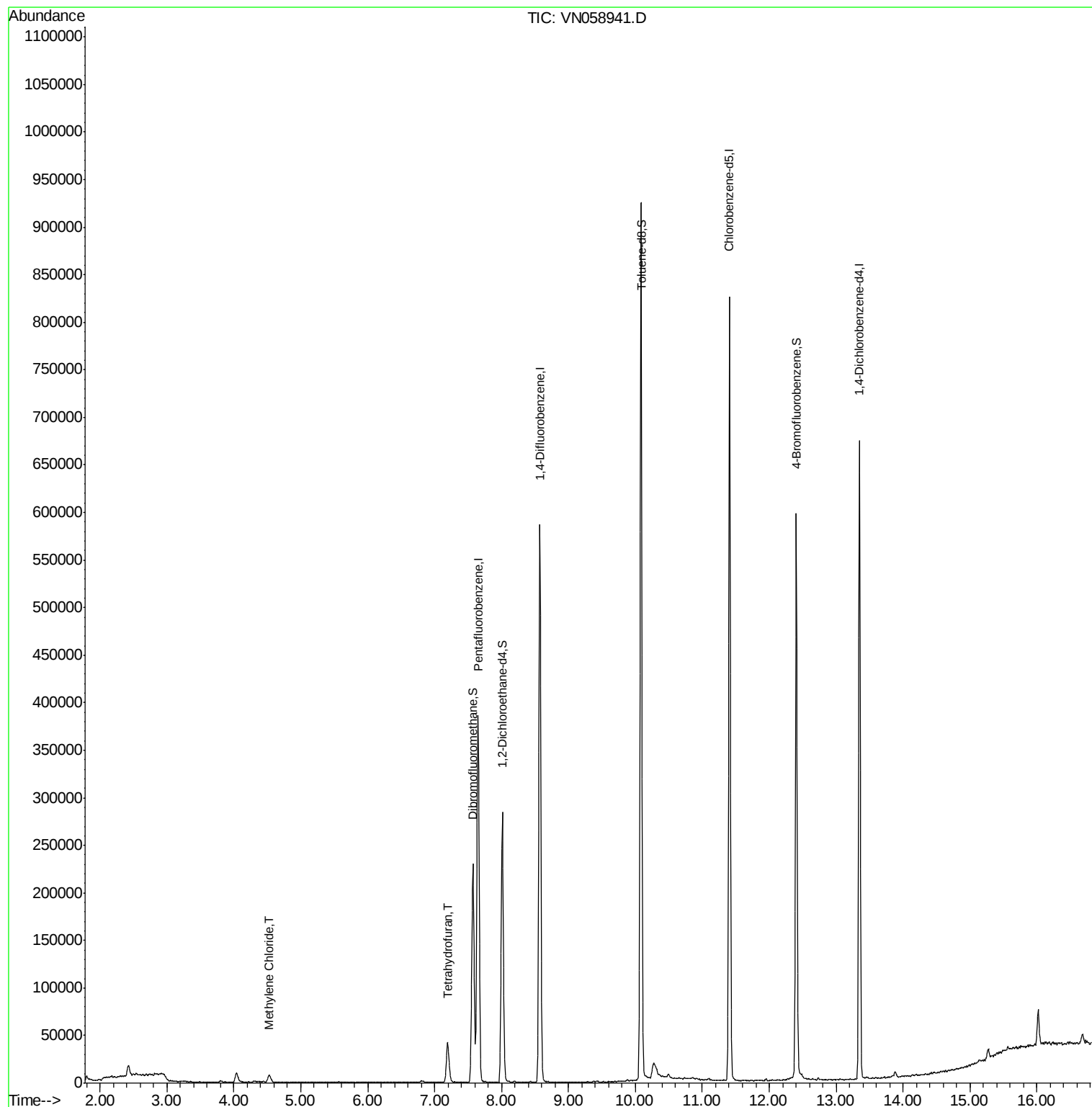
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	303430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	507283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	170890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	251681	56.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.10%	
35) Dibromofluoromethane	7.57	113	175649	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	10.08	98	619779	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.40	95	202162	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.04%	
Target Compounds						
20) Methylene Chloride	4.53	84	5983	1.593	ug/l	93
29) Tetrahydrofuran	7.19	42	35937	20.579	ug/l	98

(#) = 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# 1827

Delta R.T. 0.00 min

Lab File: VN058941.D

Acq: 23 Oct 2019 19:26

Instrument :

MSVOA_N

ClientSampled :

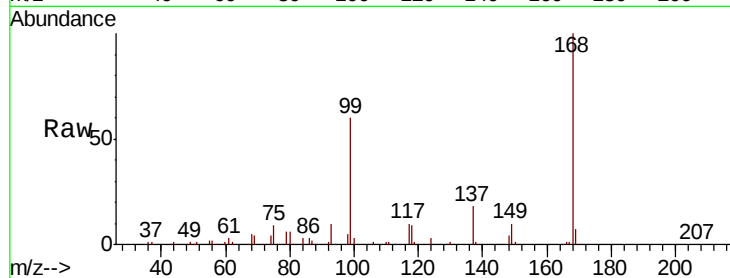
S32-ER-2019-2

Tot Ion:168 Resp: 303430

Ion Ratio Lower Upper

168 100

99 60.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

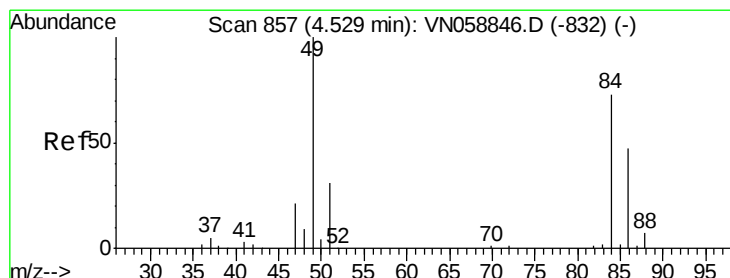
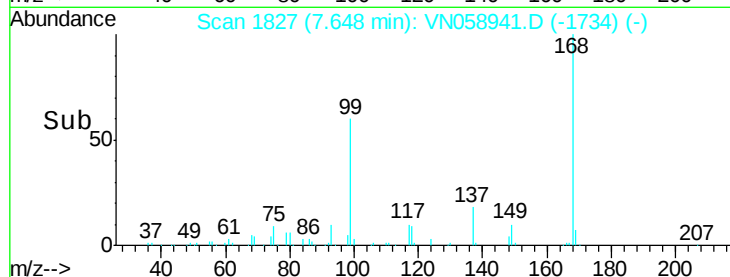
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.593 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058941.D

Acq: 23 Oct 2019 19:26

Tgt Ion: 84 Resp: 5983

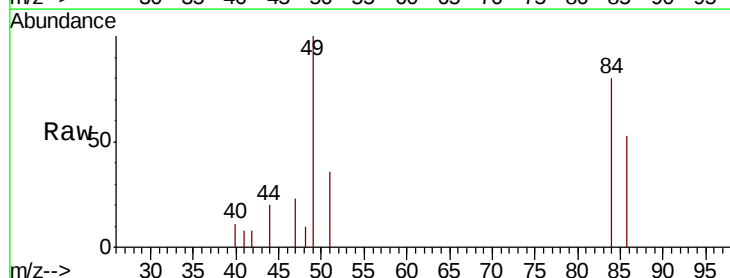
Ion Ratio Lower Upper

84 100

49 124.9 109.6 164.4

51 45.1 33.8 50.6

86 66.7 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4000

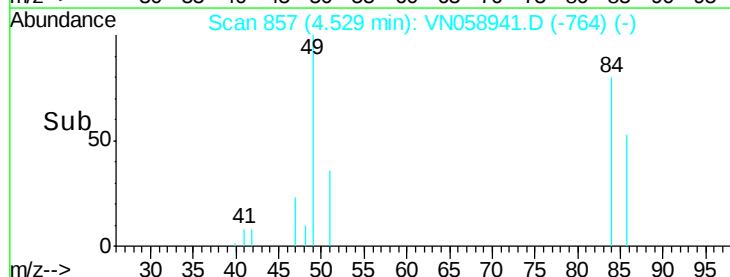
3000

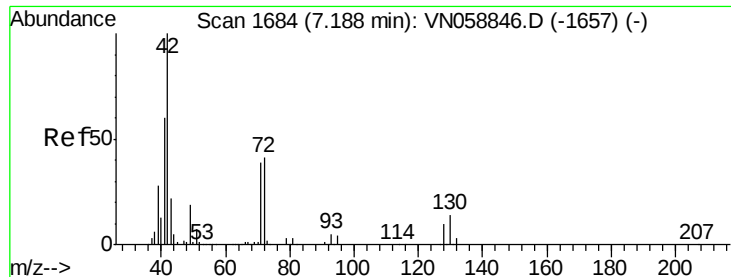
2000

1000

0

Time-->

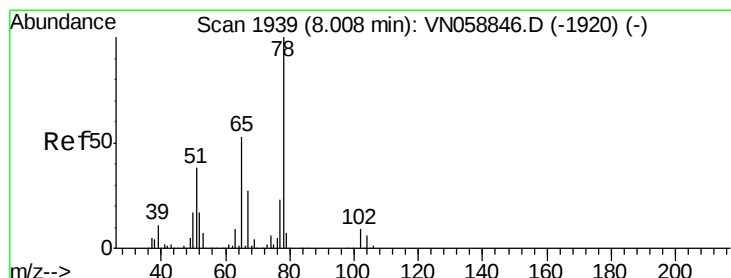
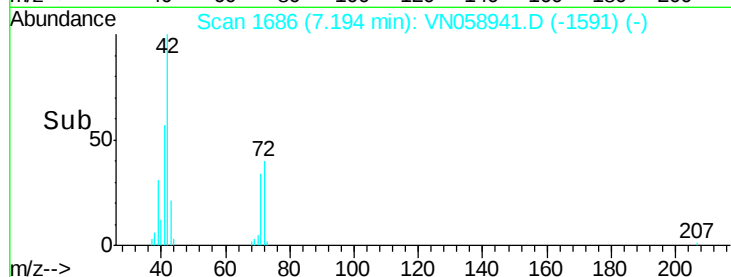
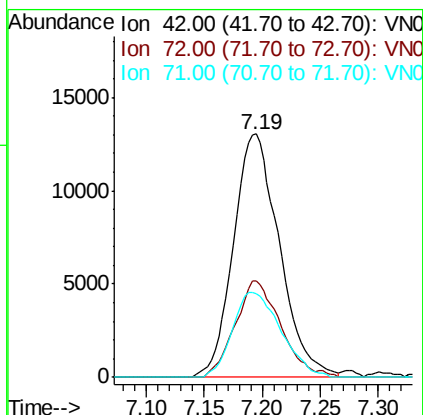
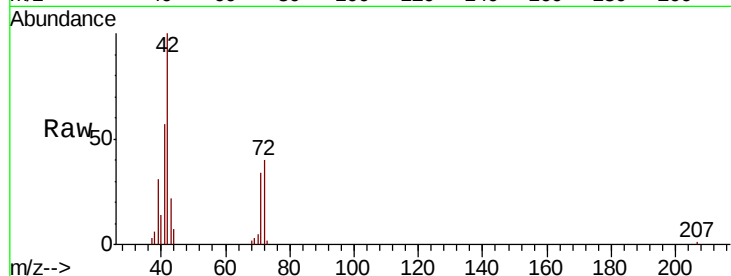




#29
Tetrahydrofuran
Concen: 20.579 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN058941.D
Acq: 23 Oct 2019 19:26

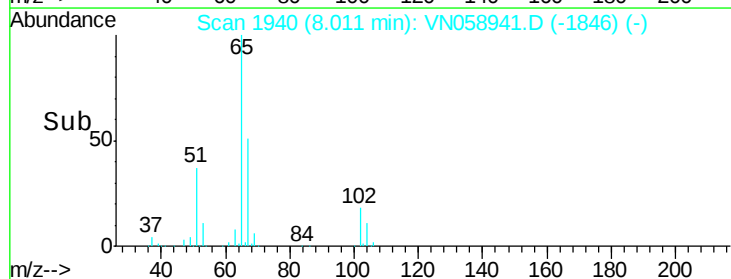
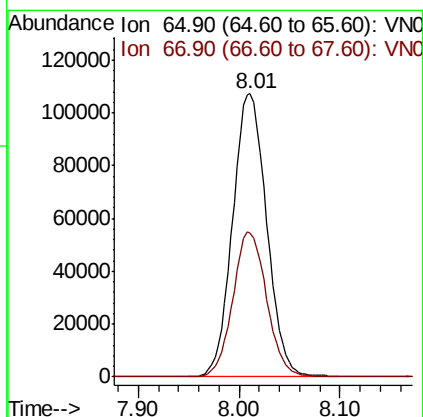
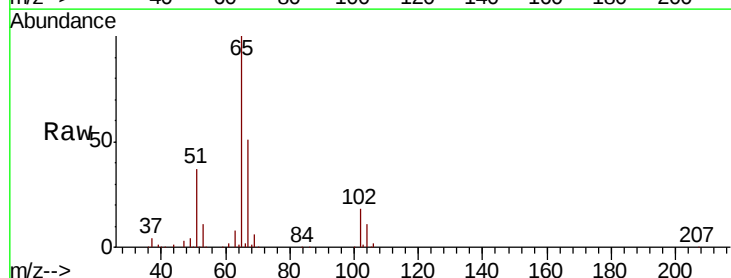
Instrument :
MSVOA_N
ClientSampleId :
S32-ER-2019-2

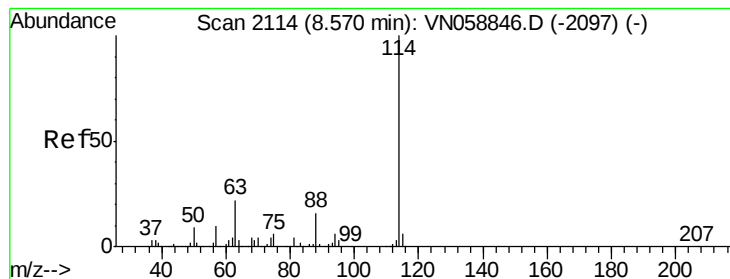
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.2	48.2
71	36.8	30.6	45.8



#33
1,2-Dichloroethane-d4
Concen: 56.554 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058941.D
Acq: 23 Oct 2019 19:26

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN058941.D

Acq: 23 Oct 2019 19:26

Instrument :

MSVOA_N

ClientSampleId :

S32-ER-2019-2

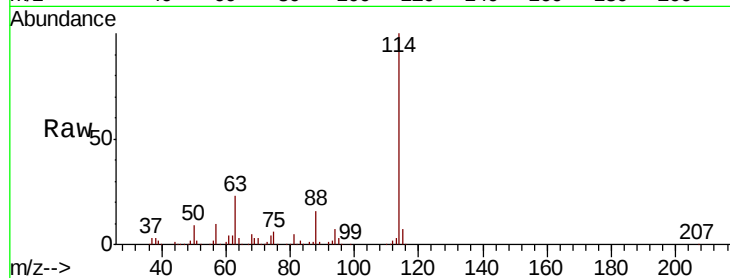
Tot Ion:114 Resp: 507283

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.4

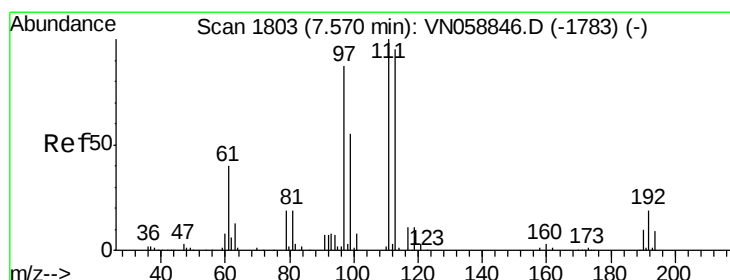
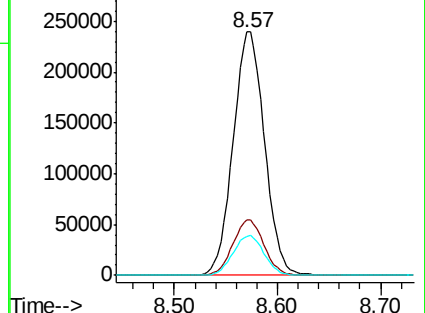
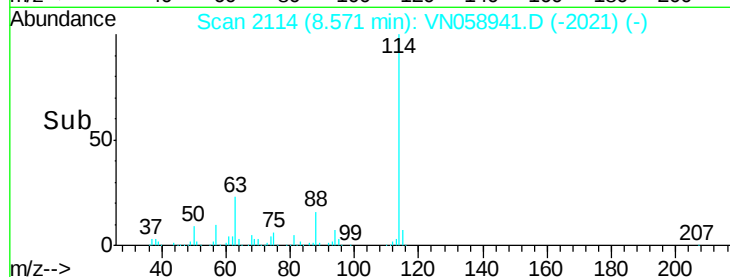
88 16.2 0.0 31.4



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: 52.664 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN058941.D

Acq: 23 Oct 2019 19:26

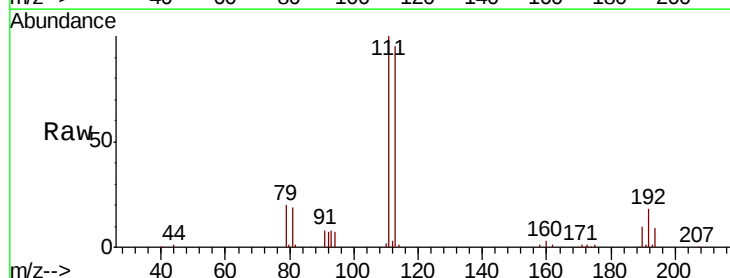
Tgt Ion:113 Resp: 175649

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

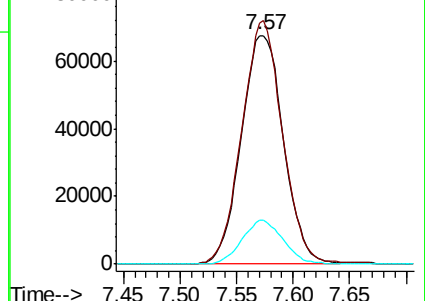
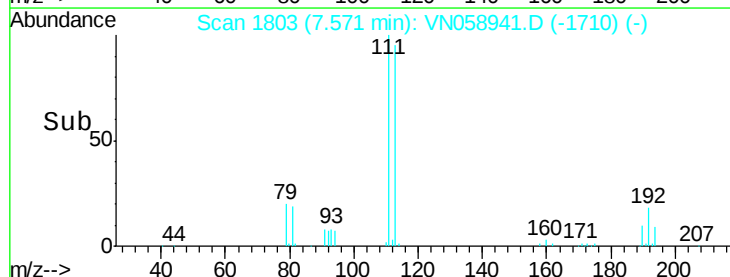
192 18.5 15.0 22.6

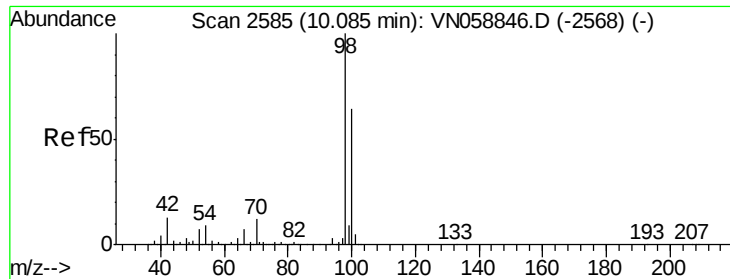


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.870 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058941.D

Acq: 23 Oct 2019 19:26

Instrument :

MSVOA_N

ClientSampleId :

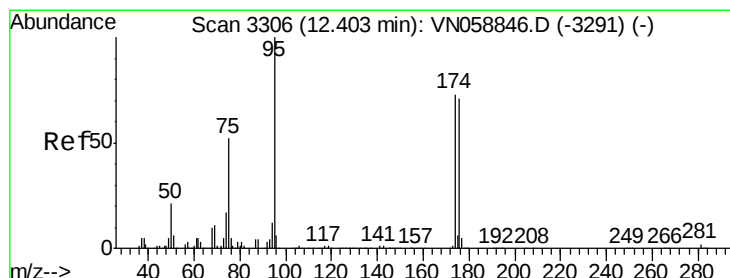
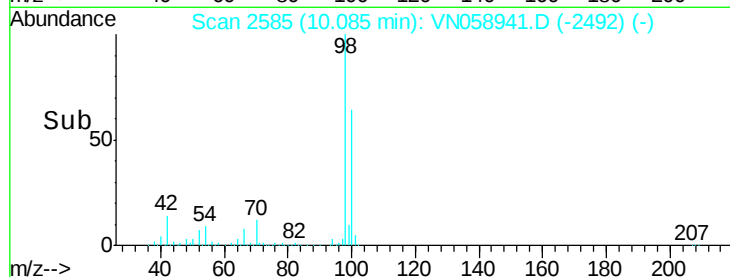
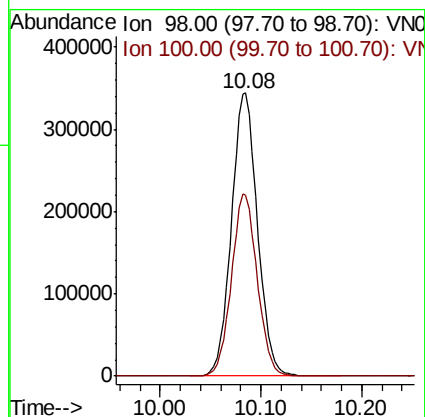
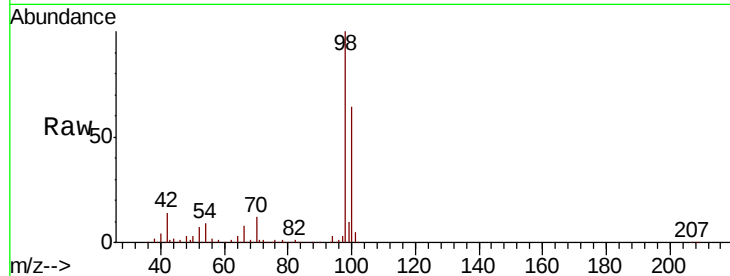
S32-ER-2019-2

Tot Ion: 98 Resp: 619779

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.520 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058941.D

Acq: 23 Oct 2019 19:26

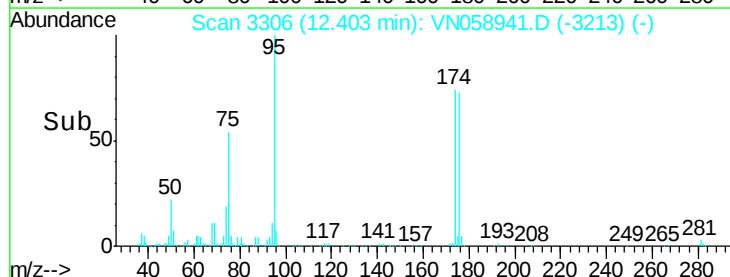
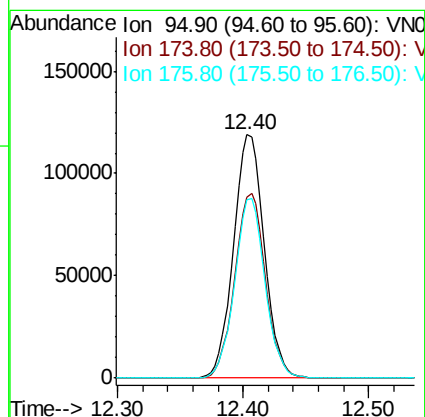
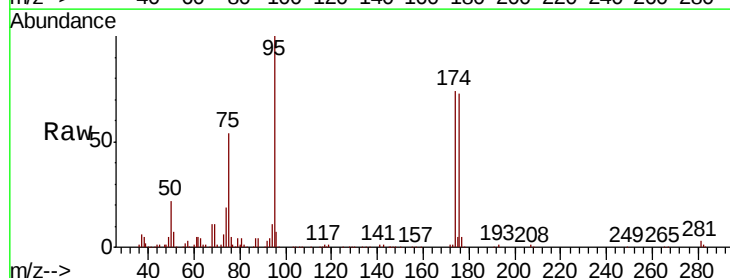
Tgt Ion: 95 Resp: 202162

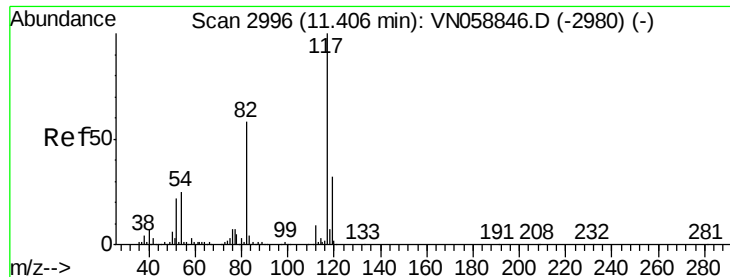
Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.6

176 73.0 0.0 143.2

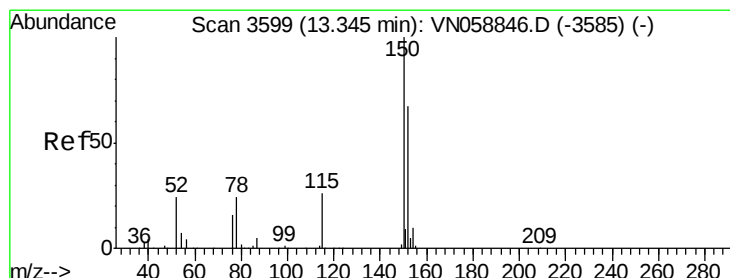
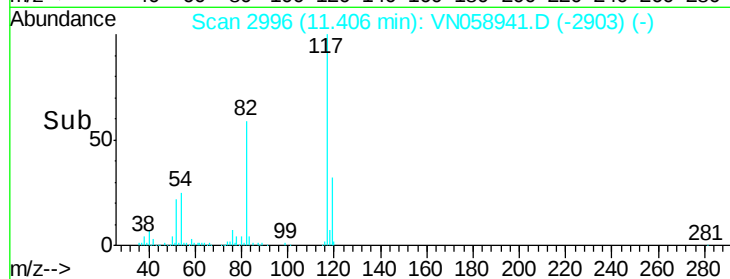
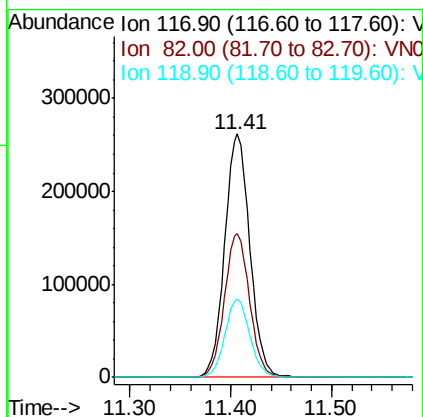
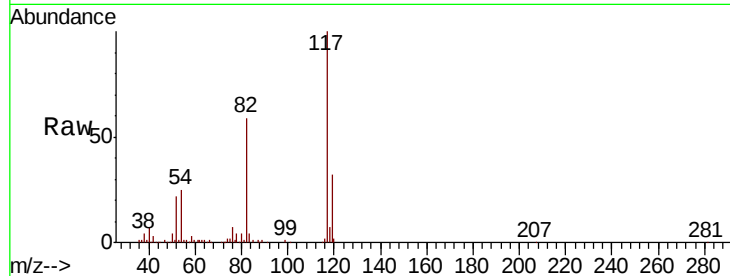




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058941.D
Acq: 23 Oct 2019 19:26

Instrument :
MSVOA_N
ClientSampleId :
S32-ER-2019-2

Tot Ion:117 Resp: 455813
Ion Ratio Lower Upper
117 100
82 59.0 46.6 69.8
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058941.D
Acq: 23 Oct 2019 19:26

Tgt Ion:152 Resp: 170890
Ion Ratio Lower Upper
152 100
115 60.6 30.5 91.5
150 158.3 0.0 344.4

