

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057231.D
 Acq On : 12 Aug 2019 21:42
 Operator : JC/SP
 Sample : K4229-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-A2-(0)

Quant Time: Aug 13 03:29:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

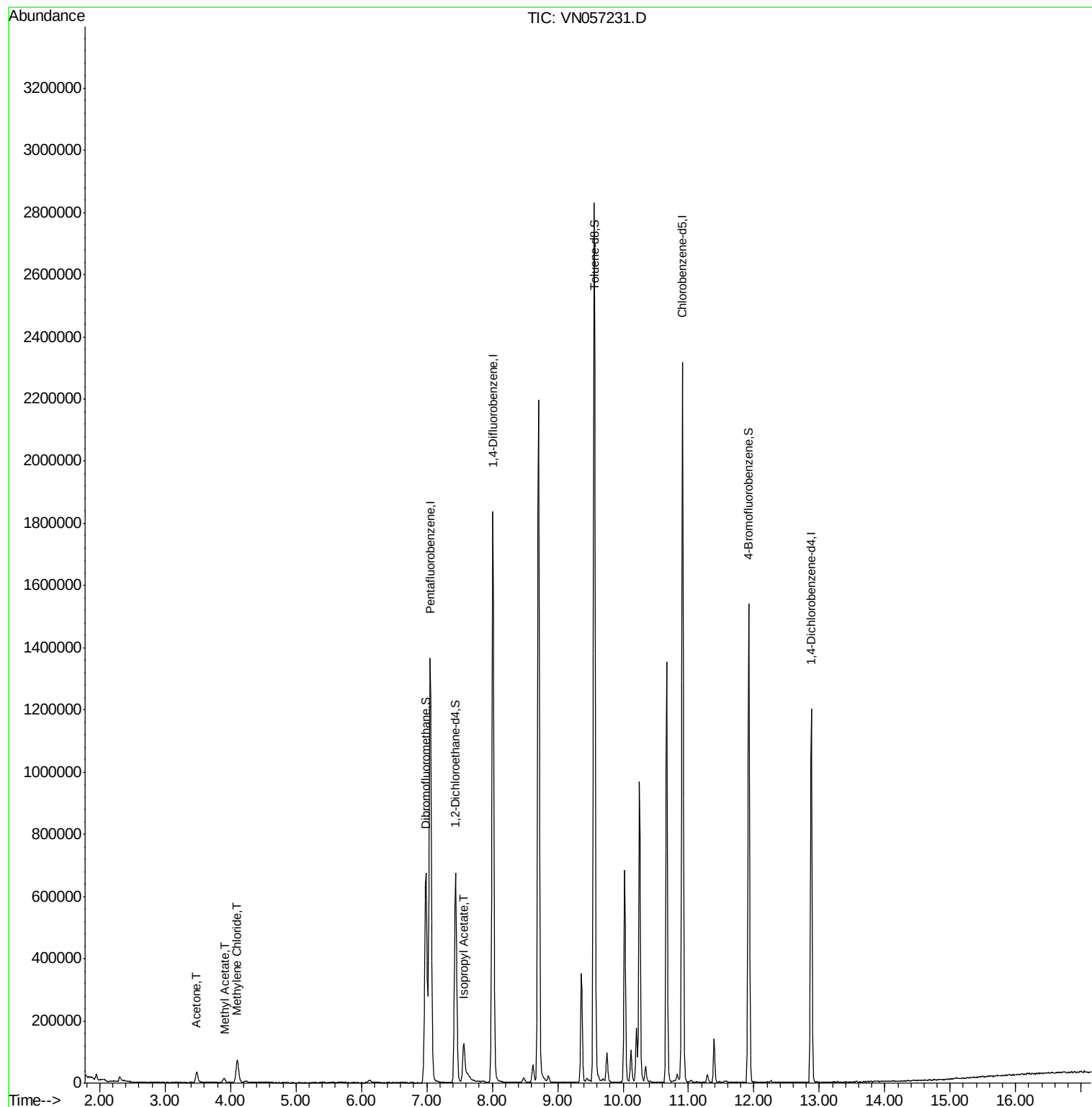
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1315772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1821644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1495956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	358305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	602655	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
35) Dibromofluoromethane	6.99	113	552124	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	9.56	98	2114436	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.92	95	530314	37.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.26%	
Target Compounds						
16) Acetone	3.48	43	48199	11.794	ug/l	91
18) Methyl Acetate	3.91	43	25536	1.459	ug/l #	71
20) Methylene Chloride	4.10	84	56252	4.171	ug/l	98
43) Isopropyl Acetate	7.56	43	191300	9.067	ug/l #	78

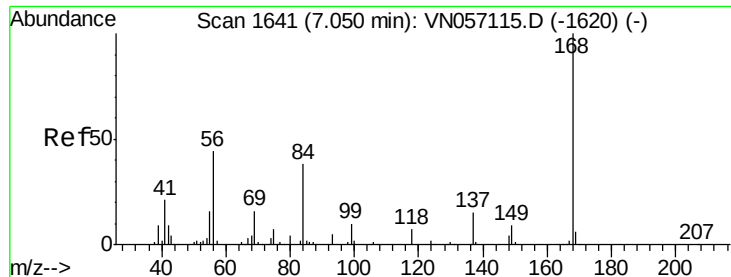
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057231.D

Acq: 12 Aug 2019 21:42

Instrument :

MSVOA_N

ClientSampleId :

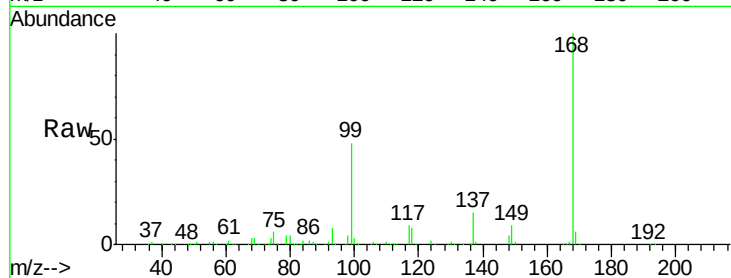
2S-A2-(0)

Tot Ion:168 Resp: 1315772

Ion Ratio Lower Upper

168 100

99 47.8 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

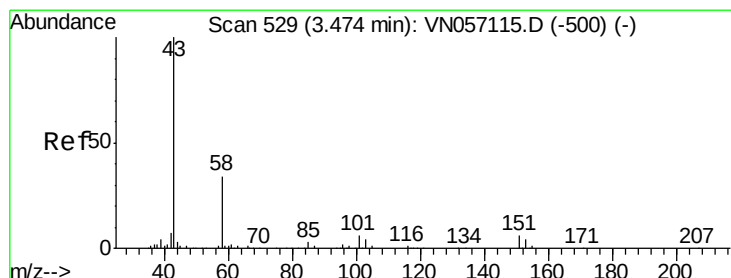
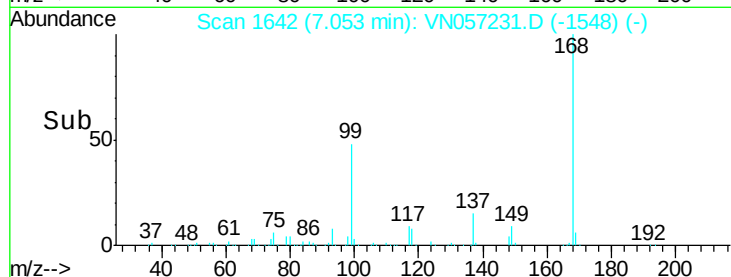
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 11.794 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057231.D

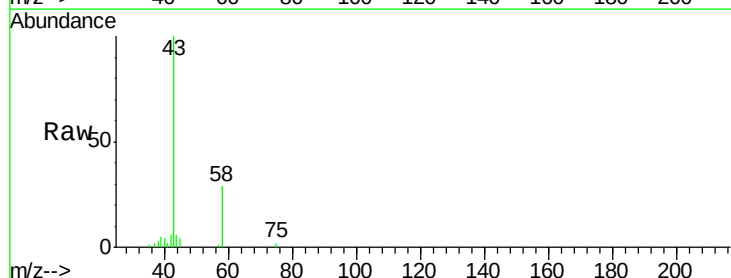
Acq: 12 Aug 2019 21:42

Tgt Ion: 43 Resp: 48199

Ion Ratio Lower Upper

43 100

58 29.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.48

20000

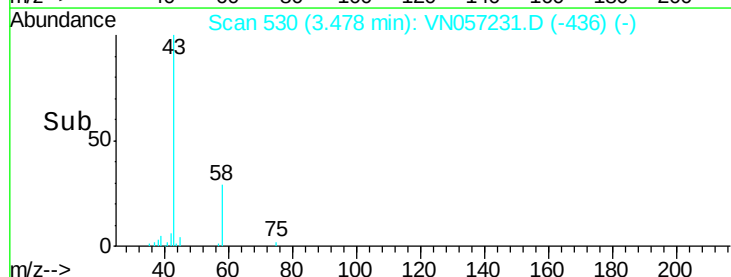
15000

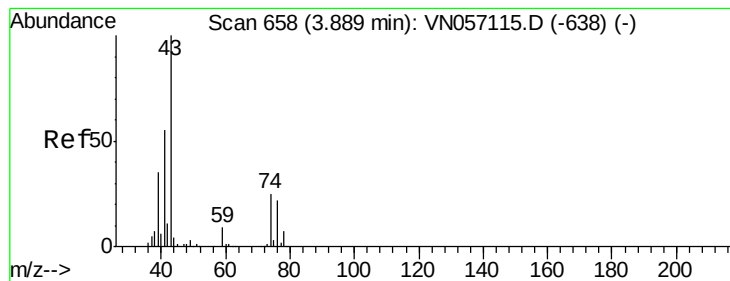
10000

5000

0

Time--> 3.40 3.45 3.50 3.55





#18

Methvl Acetate

Concen: 1.459 ug/l

RT: 3.91 min Scan# 663

Delta R.T. 0.02 min

Lab File: VN057231.D

Acq: 12 Aug 2019 21:42

Instrument :

MSVOA_N

ClientSampleId :

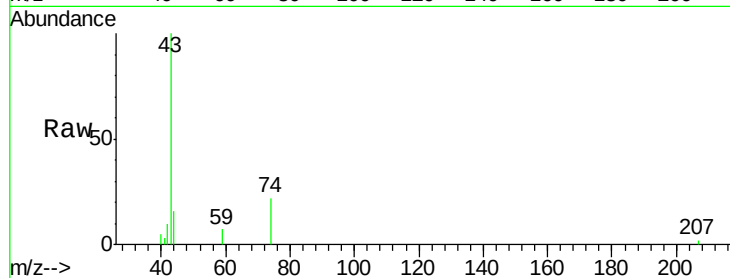
2S-A2-(0)

Tot Ion: 43 Resp: 25536

Ion Ratio Lower Upper

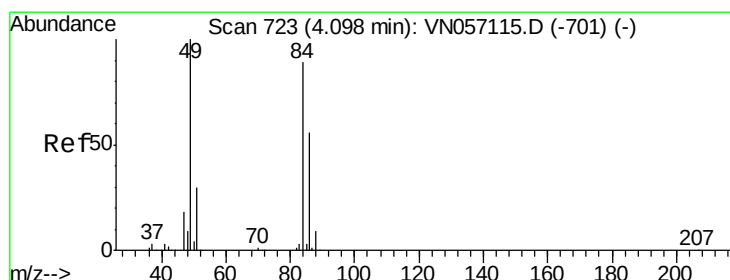
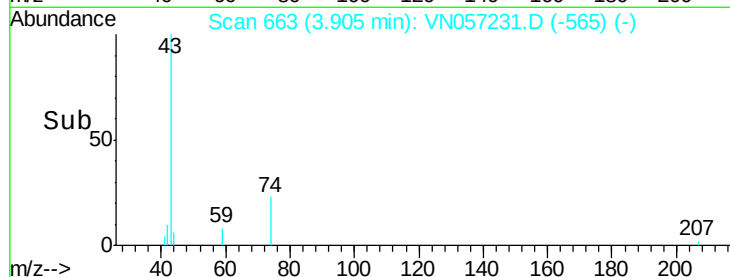
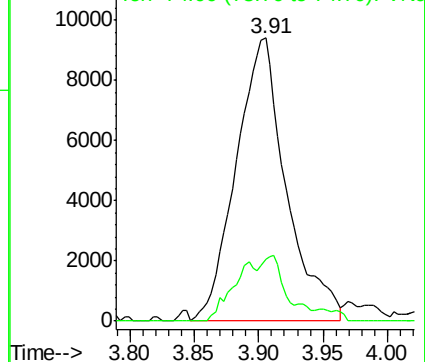
43 100

74 10.5 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO



#20

Methylene Chloride

Concen: 4.171 ug/l

RT: 4.10 min Scan# 723

Delta R.T. -0.00 min

Lab File: VN057231.D

Acq: 12 Aug 2019 21:42

Tgt Ion: 84 Resp: 56252

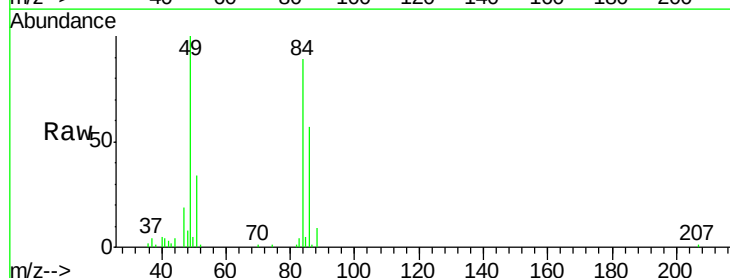
Ion Ratio Lower Upper

84 100

49 112.2 89.5 134.3

51 38.2 27.2 40.8

86 64.5 50.6 75.8

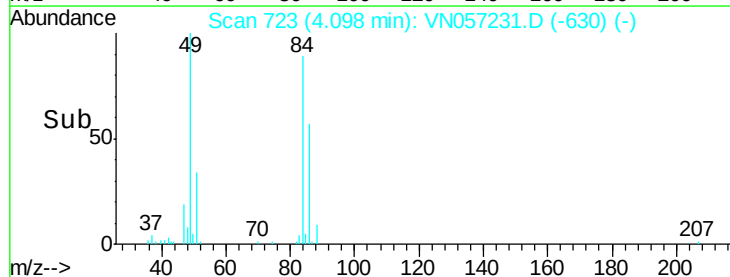
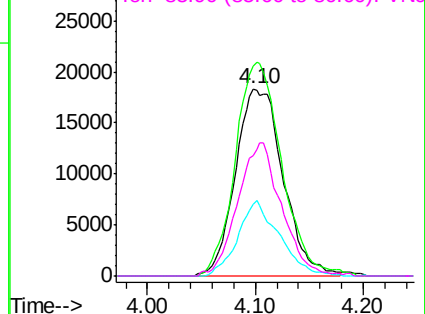


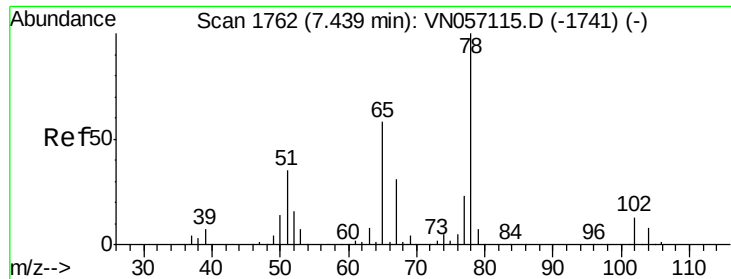
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

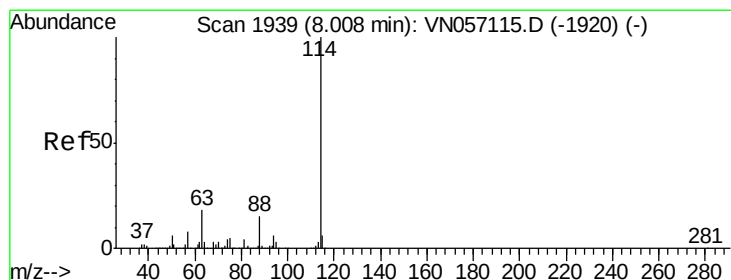
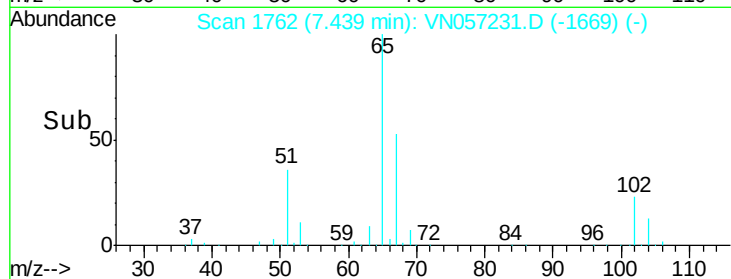
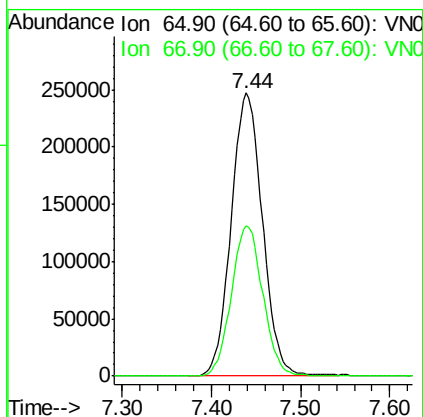
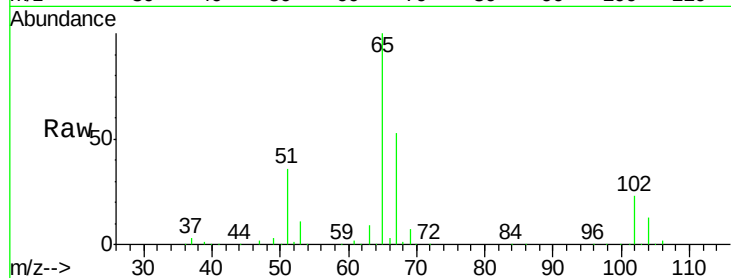




#33
 1,2-Dichloroethane-d4
 Concen: 44.536 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057231.D
 Acq: 12 Aug 2019 21:42

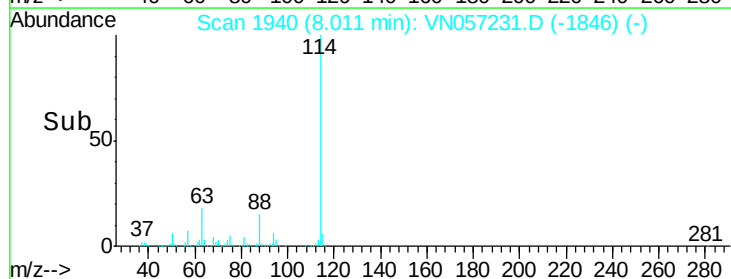
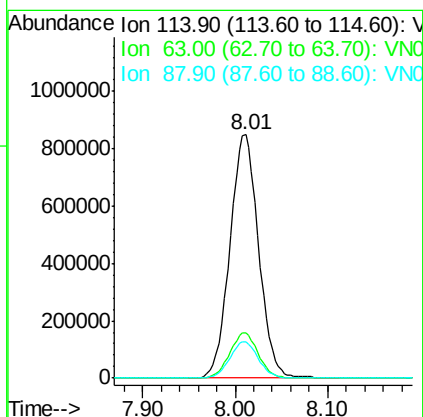
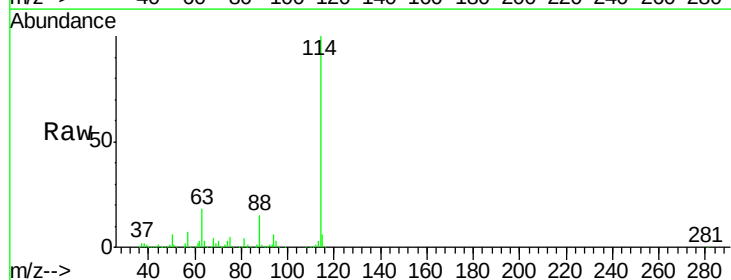
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-A2-(0)

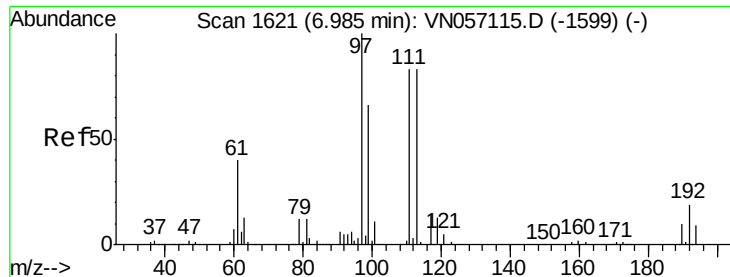
Tot Ion: 65 Resp: 602655
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057231.D
 Acq: 12 Aug 2019 21:42

Tgt Ion: 114 Resp: 1821644
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 14.9 0.0 30.0

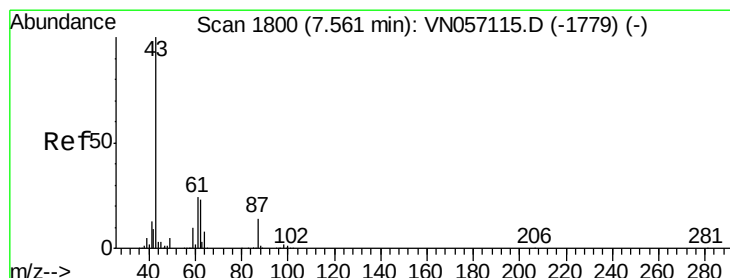
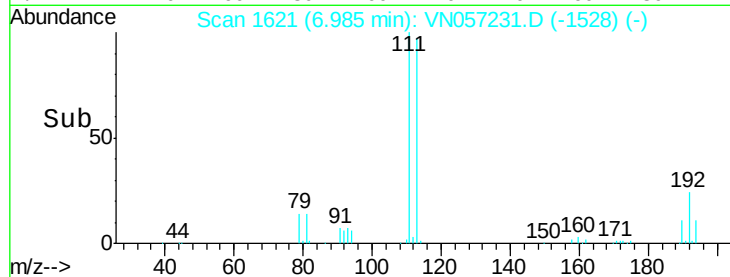
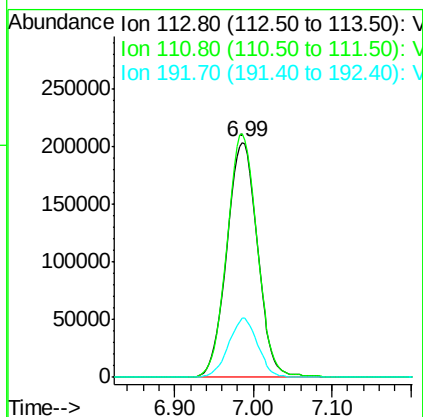
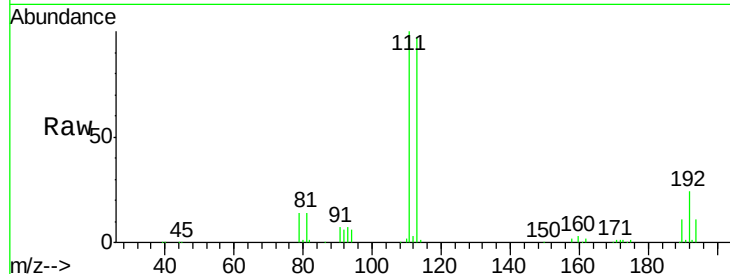




#35
 Dibromofluoromethane
 Concen: 48.300 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057231.D
 Acq: 12 Aug 2019 21:42

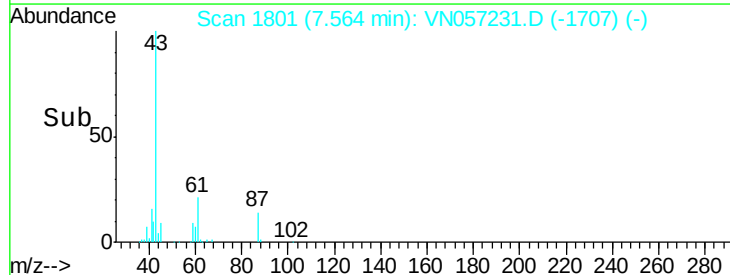
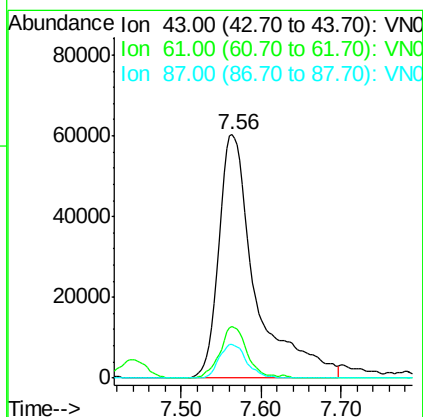
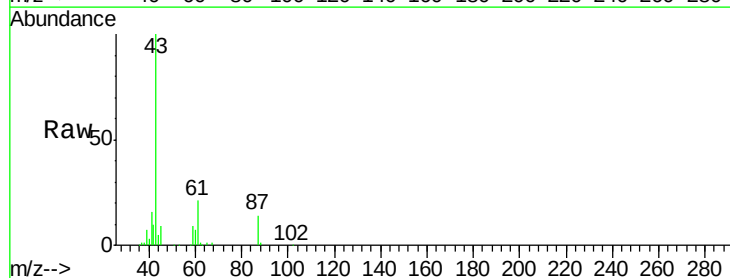
Instrument :
 MSVOA_N
 ClientSampled :
 2S-A2-(0)

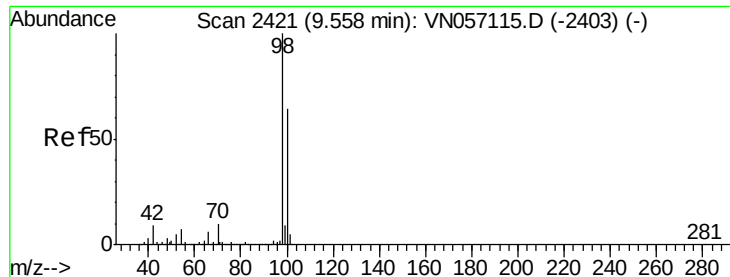
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	23.9	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 9.067 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN057231.D
 Acq: 12 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.6	24.2	36.2#
87	10.3	11.8	17.8#

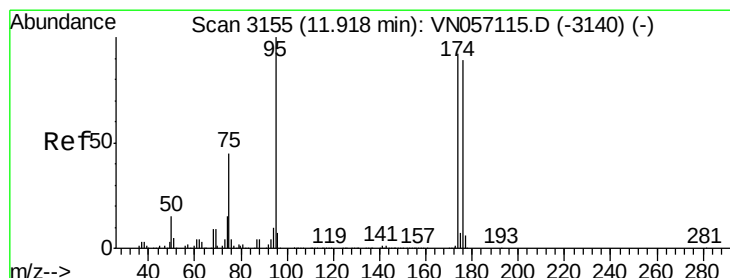
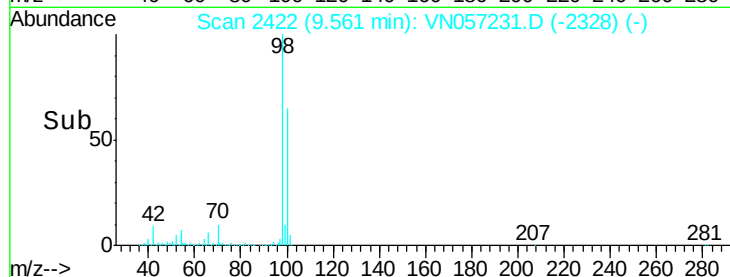
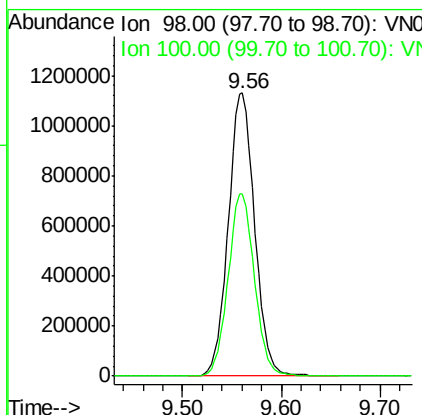
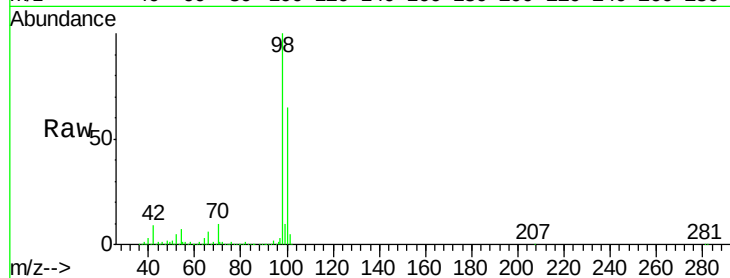




#50
Toluene-d8
Concen: 48.348 ug/l
RT: 9.56 min Scan# 2422
Delta R.T. 0.00 min
Lab File: VN057231.D
Acq: 12 Aug 2019 21:42

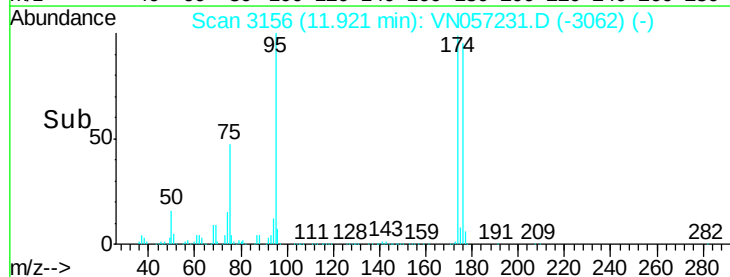
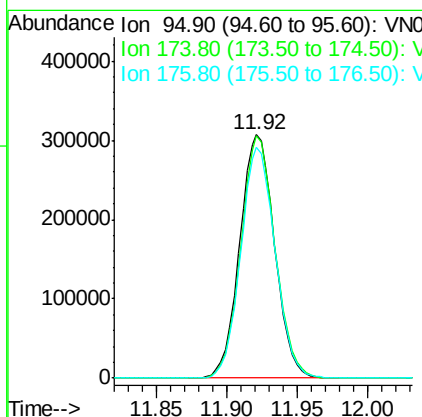
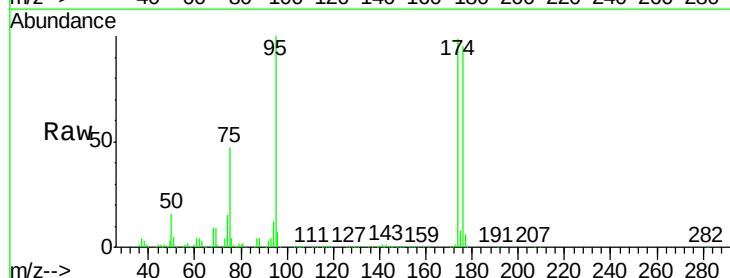
Instrument :
MSVOA_N
ClientSampleId :
2S-A2-(0)

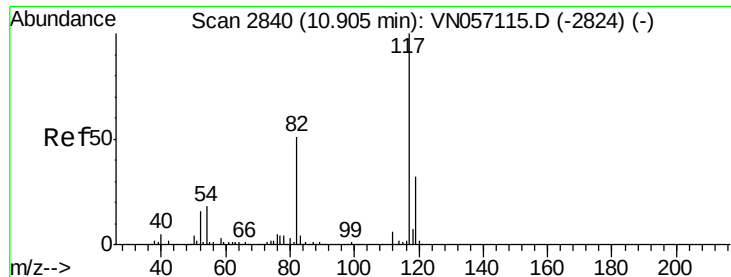
Tot Ion: 98 Resp: 2114436
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 37.634 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057231.D
Acq: 12 Aug 2019 21:42

Tgt Ion: 95 Resp: 530314
Ion Ratio Lower Upper
95 100
174 97.9 0.0 185.0
176 93.8 0.0 181.2

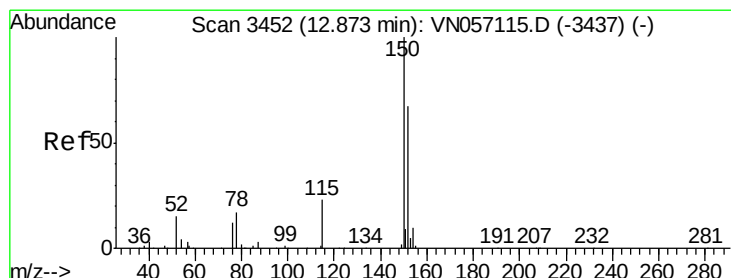
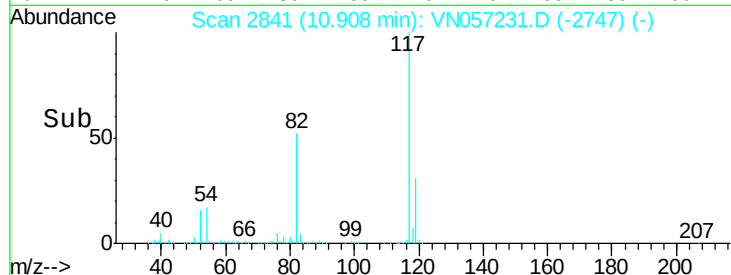
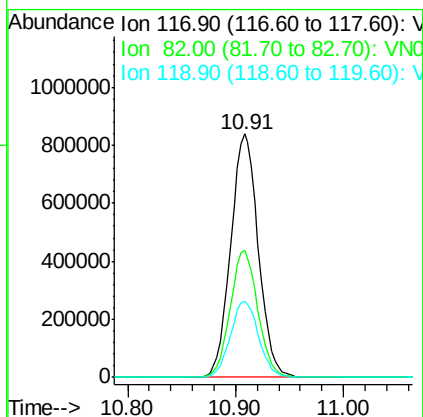
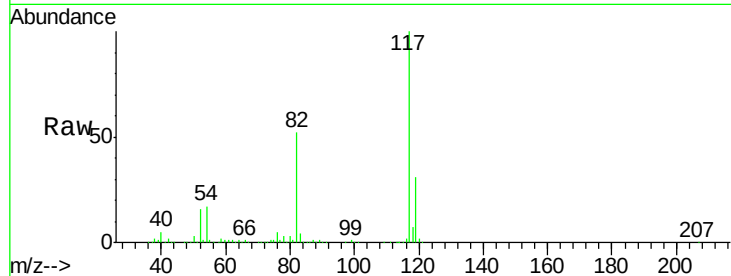




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057231.D
Acq: 12 Aug 2019 21:42

Instrument :
MSVOA_N
ClientSampled :
2S-A2-(0)

Tot Ion:117 Resp: 1495956
Ion Ratio Lower Upper
117 100
82 52.1 40.8 61.2
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057231.D
Acq: 12 Aug 2019 21:42

Tgt Ion:152 Resp: 358305
Ion Ratio Lower Upper
152 100
115 55.2 27.5 82.5
150 156.4 0.0 341.6

