

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056572.D
 Acq On : 1 Jul 2019 15:11
 Operator : JC/SP
 Sample : K3160-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-A

Quant Time: Jul 02 01:58:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

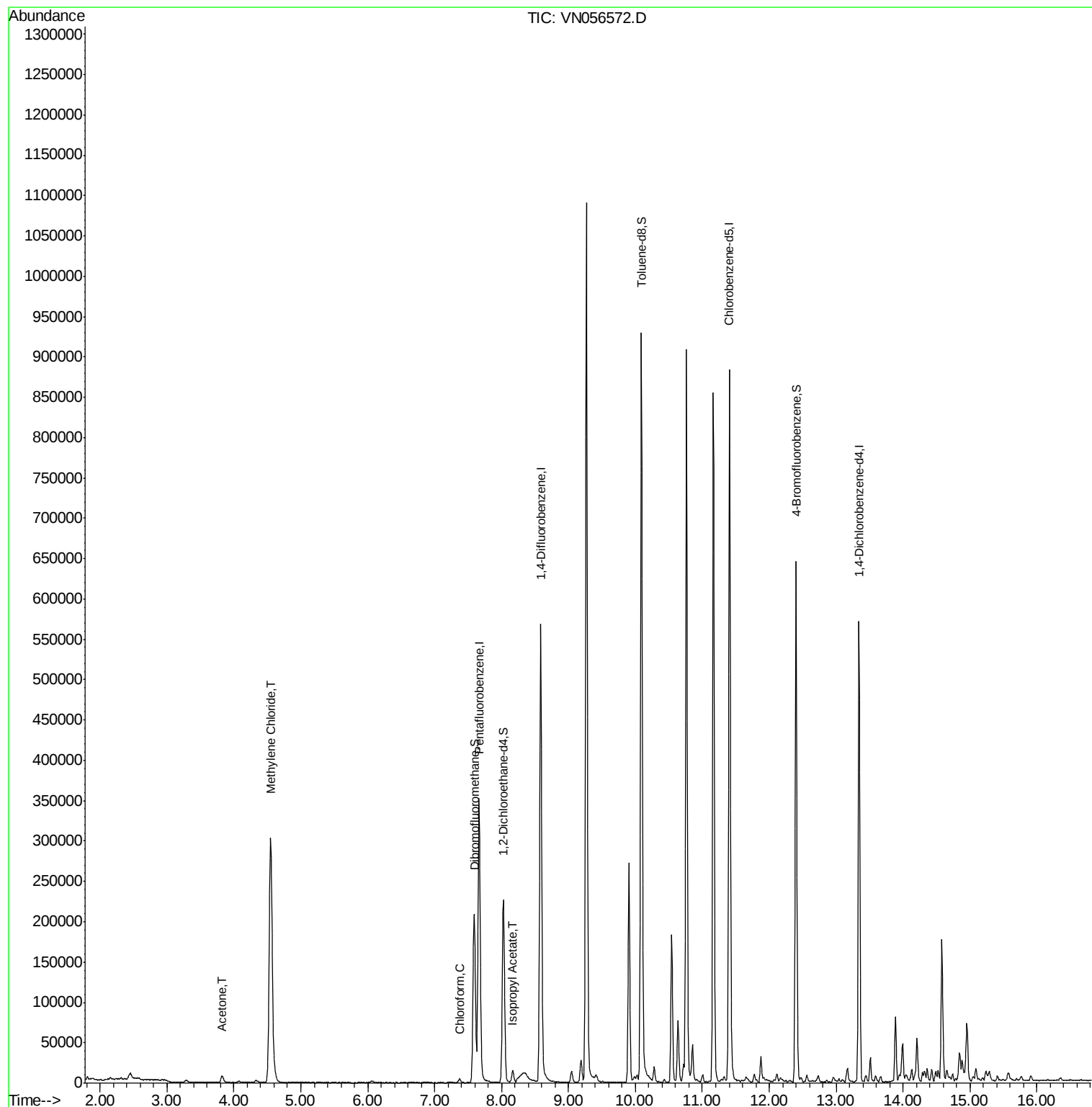
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	315066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	556119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192111	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
35) Dibromofluoromethane	7.59	113	166749	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	708768	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	227636	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
Target Compounds						
16) Acetone	3.82	43	15264	8.725	ug/l	93
20) Methylene Chloride	4.55	84	249262	76.042	ug/l	99
30) Chloroform	7.37	83	5551	1.007	ug/l	88
43) Isopropyl Acetate	8.17	43	18378	2.478	ug/l #	89

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

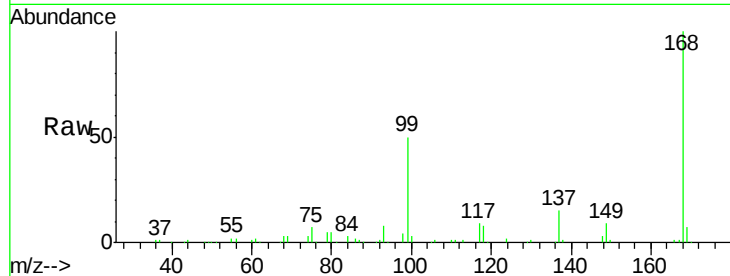
EO-01-062819-A

Tot Ion:168 Resp: 315066

Ion Ratio Lower Upper

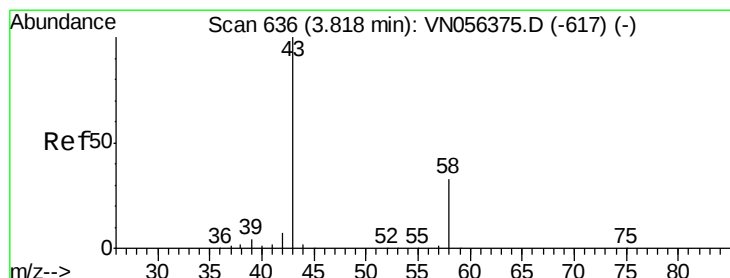
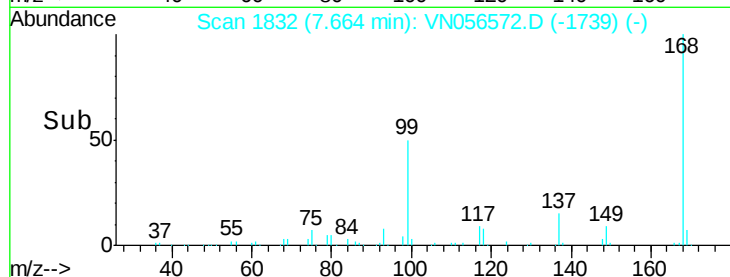
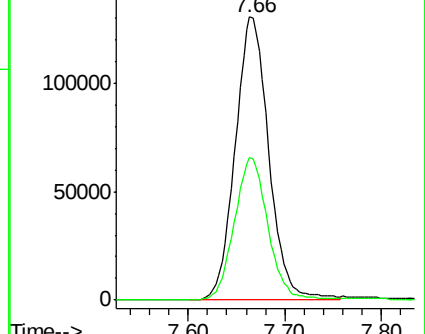
168 100

99 50.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.725 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056572.D

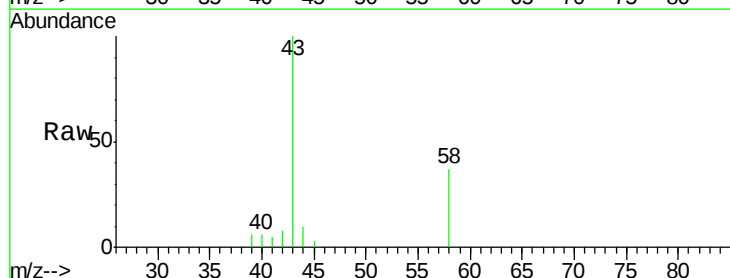
Acq: 1 Jul 2019 15:11

Tgt Ion: 43 Resp: 15264

Ion Ratio Lower Upper

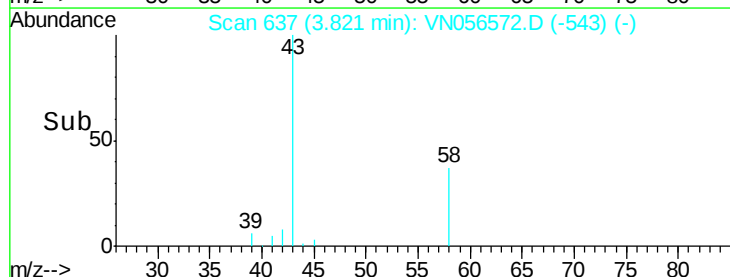
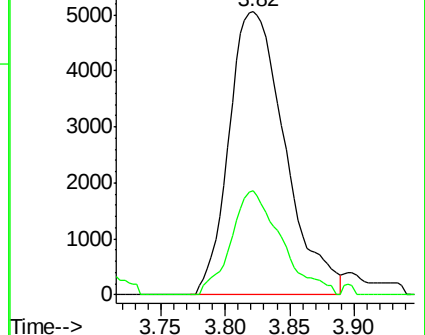
43 100

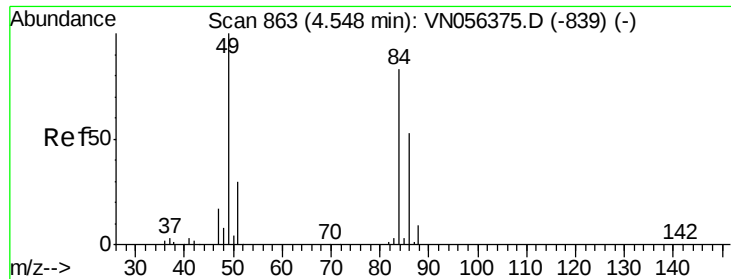
58 36.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



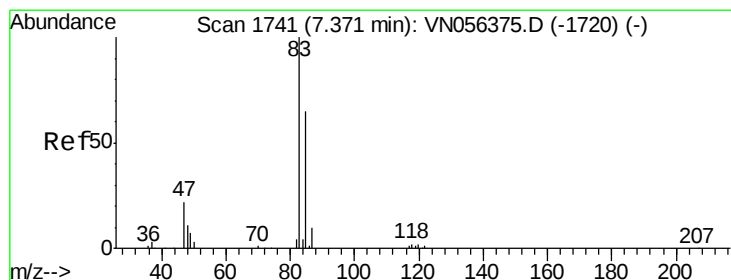
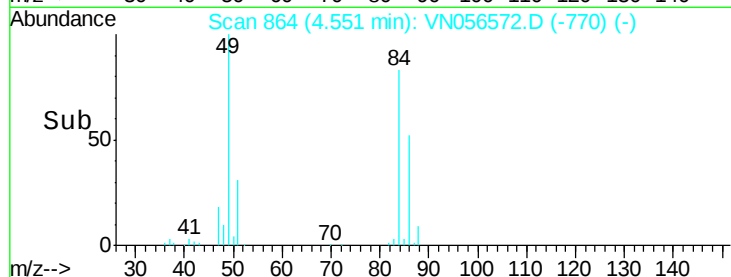
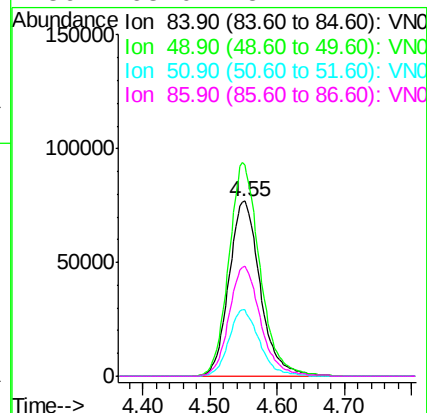
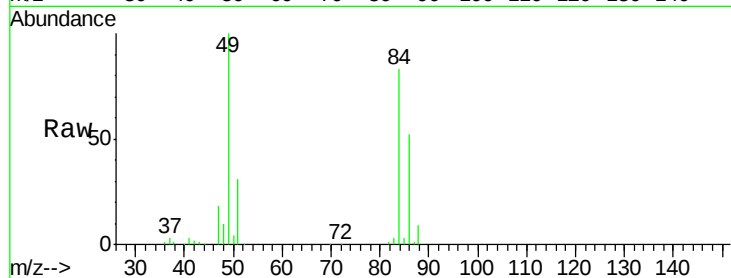


#20
Methvlene Chloride
Concen: 76.042 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

Instrument :
MSVOA_N
ClientSampleId :
EO-01-062819-A

Tot Ion: 84 Resp: 249262

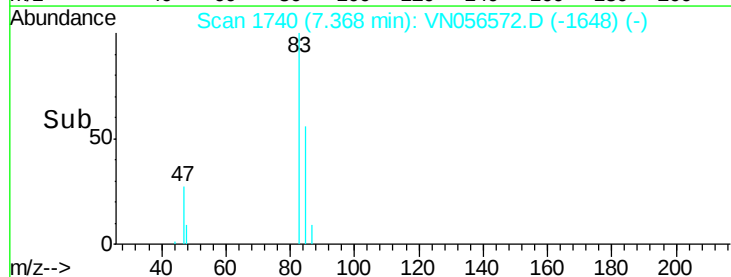
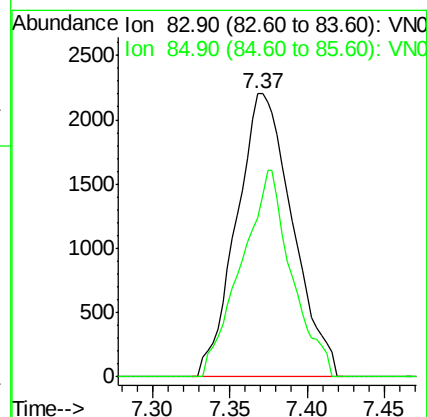
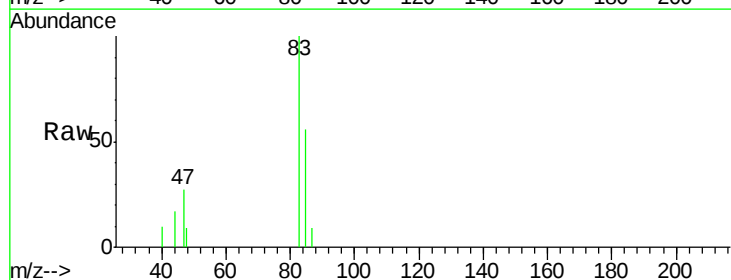
Ion	Ratio	Lower	Upper
84	100		
49	120.5	96.4	144.6
51	37.8	28.6	43.0
86	63.0	51.4	77.2

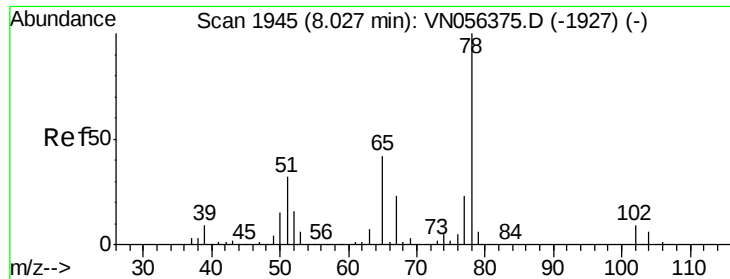


#30
Chloroform
Concen: 1.007 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

Tgt Ion: 83 Resp: 5551

Ion	Ratio	Lower	Upper
83	100		
85	56.2	52.3	78.5

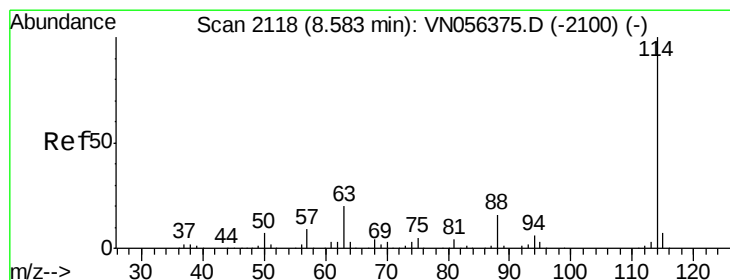
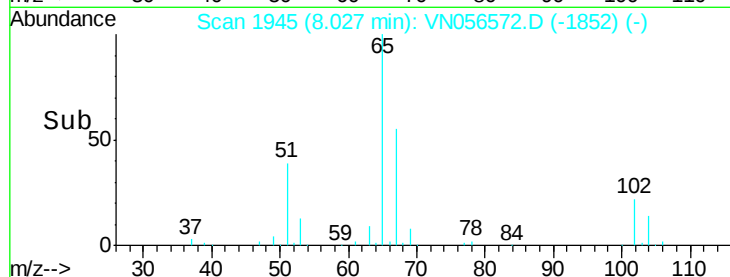
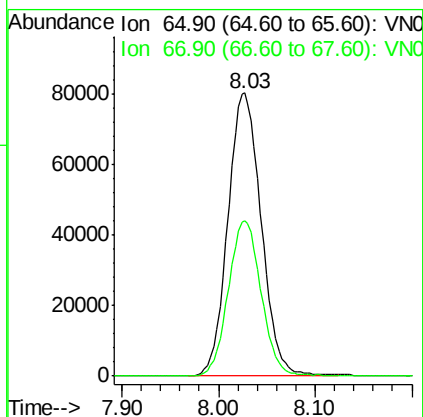
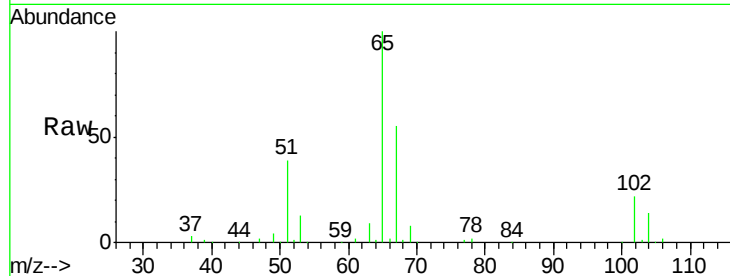




#33
 1,2-Dichloroethane-d4
 Concen: 55.016 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

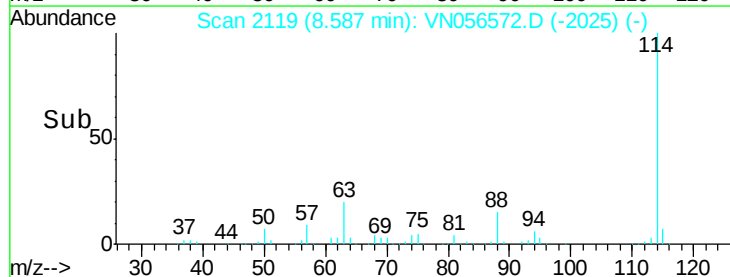
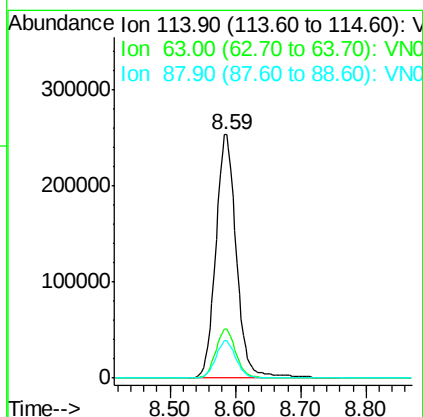
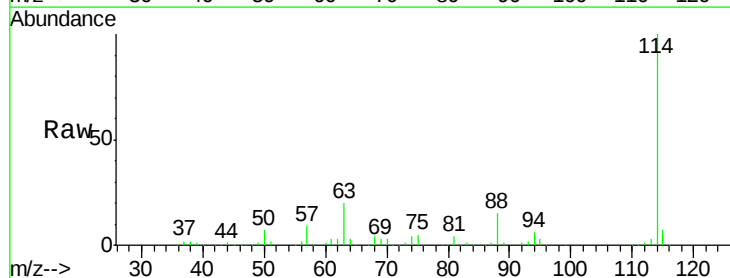
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-A

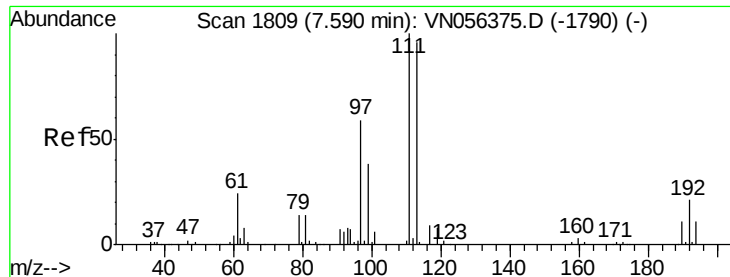
Tot Ion: 65 Resp: 192111
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

Tgt Ion: 114 Resp: 556119
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.065 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-A

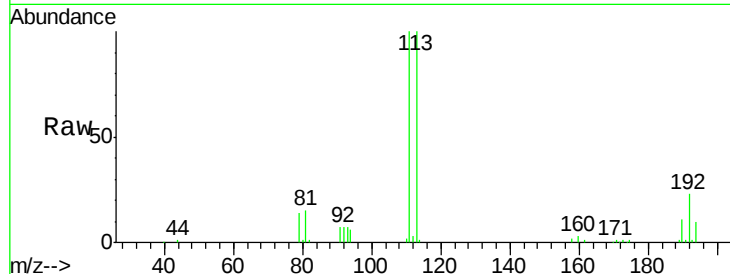
Tot Ion:113 Resp: 166749

Ion Ratio Lower Upper

113 100

111 100.3 82.9 124.3

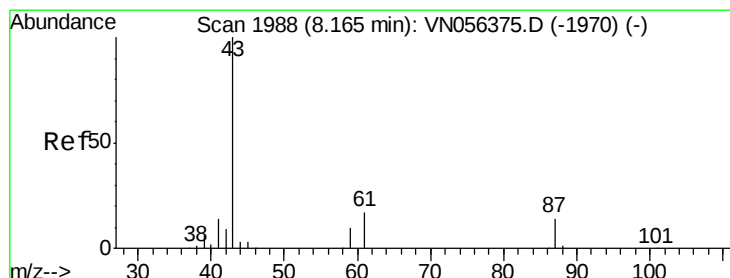
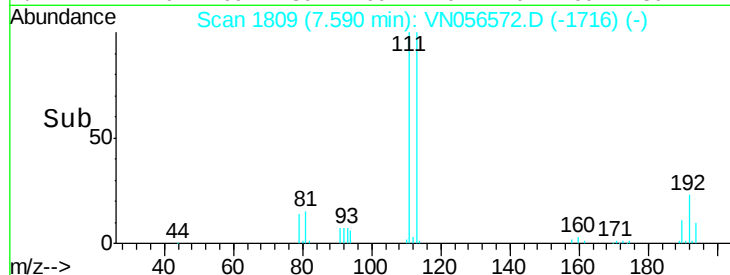
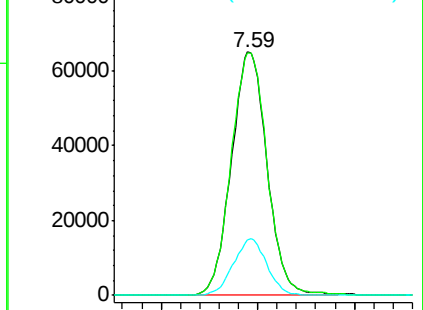
192 21.8 17.7 26.5



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: 2.478 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

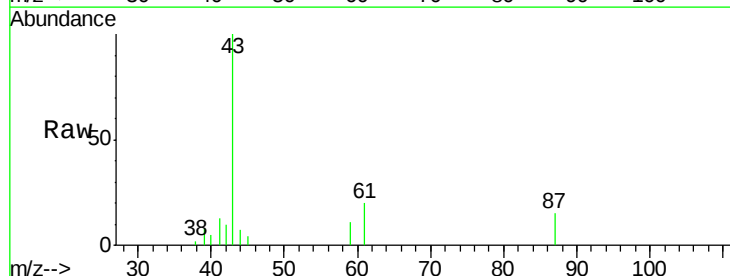
Tgt Ion: 43 Resp: 18378

Ion Ratio Lower Upper

43 100

61 19.7 22.0 33.0#

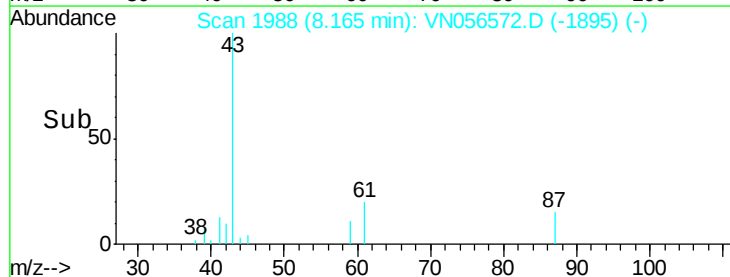
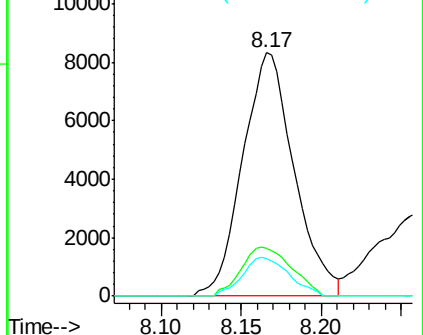
87 14.3 11.0 16.4

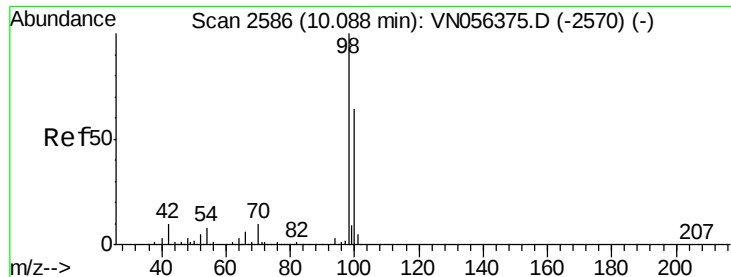


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.504 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

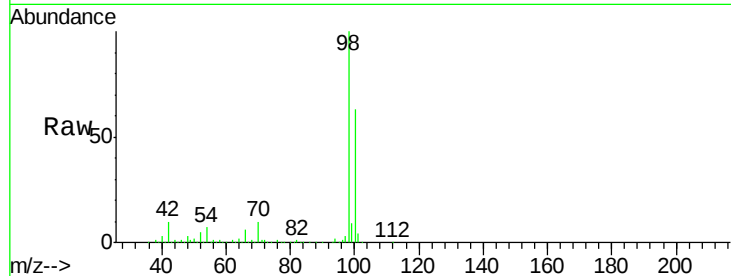
EO-01-062819-A

Tot Ion: 98 Resp: 708768

Ion Ratio Lower Upper

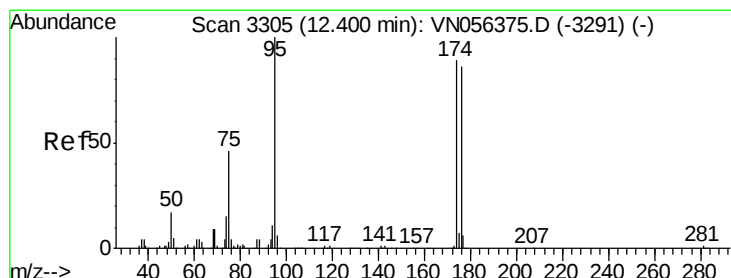
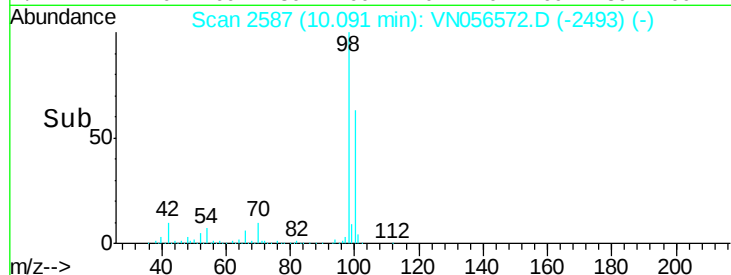
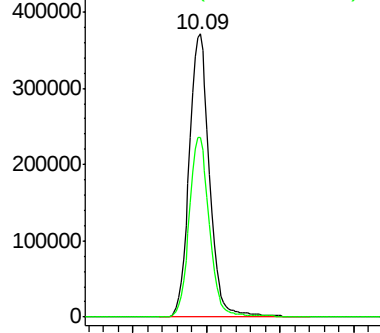
98 100

100 63.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 50.585 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

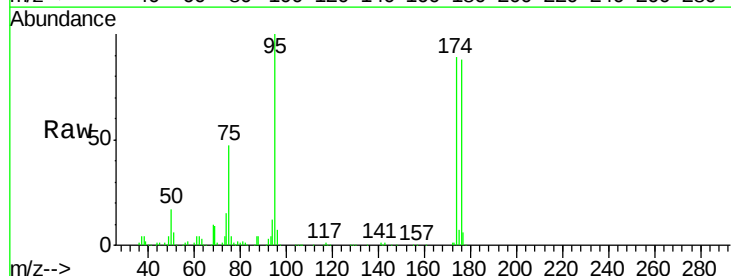
Tgt Ion: 95 Resp: 227636

Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.4

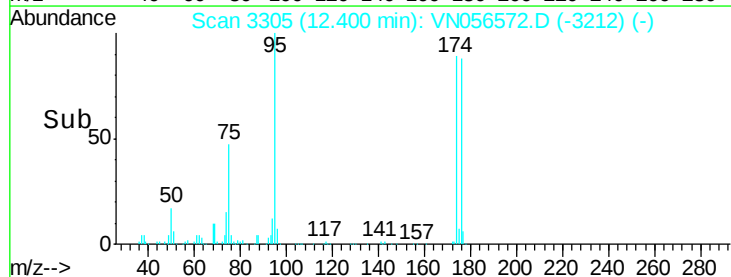
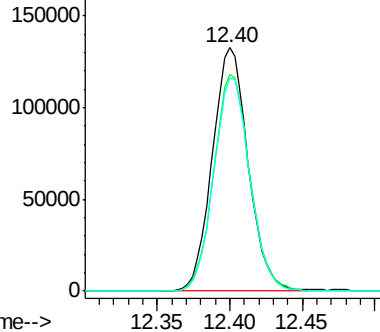
176 88.3 0.0 173.4

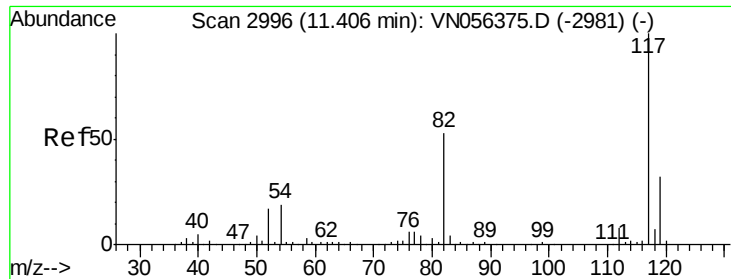


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

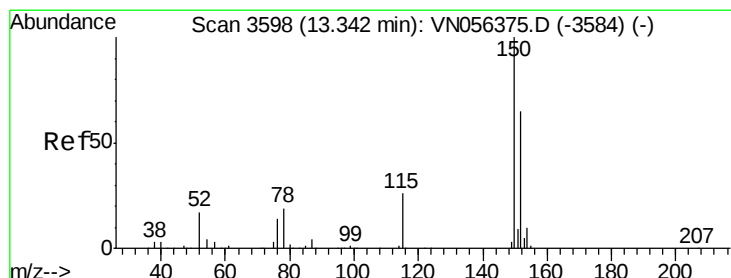
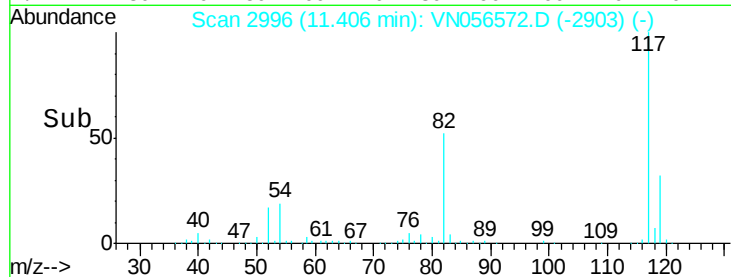
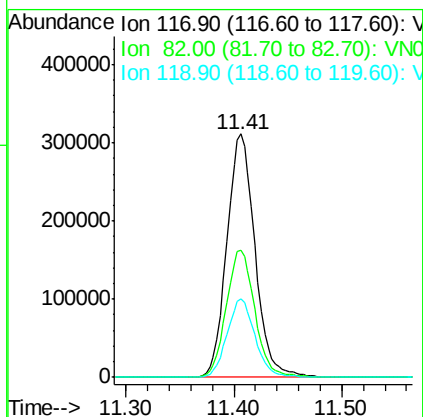
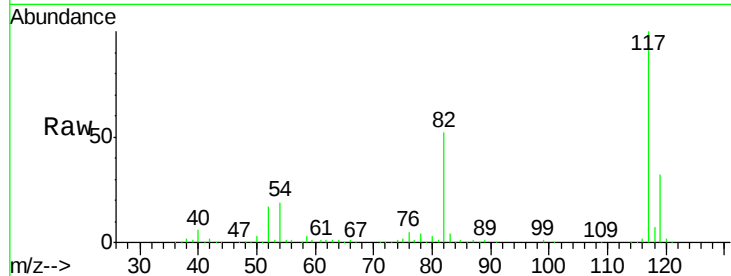




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-A

Tot Ion:117 Resp: 567145
 Ion Ratio Lower Upper
 117 100
 82 52.3 42.0 63.0
 119 32.3 25.3 37.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

Tgt Ion:152 Resp: 164514
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.1 84.4
 150 157.6 0.0 348.4

