

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060993.D
 Acq On : 16 Apr 2020 3:35
 Operator : JC/MD
 Sample : L2281-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-37-38-45-46

Quant Time: Apr 16 08:41:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

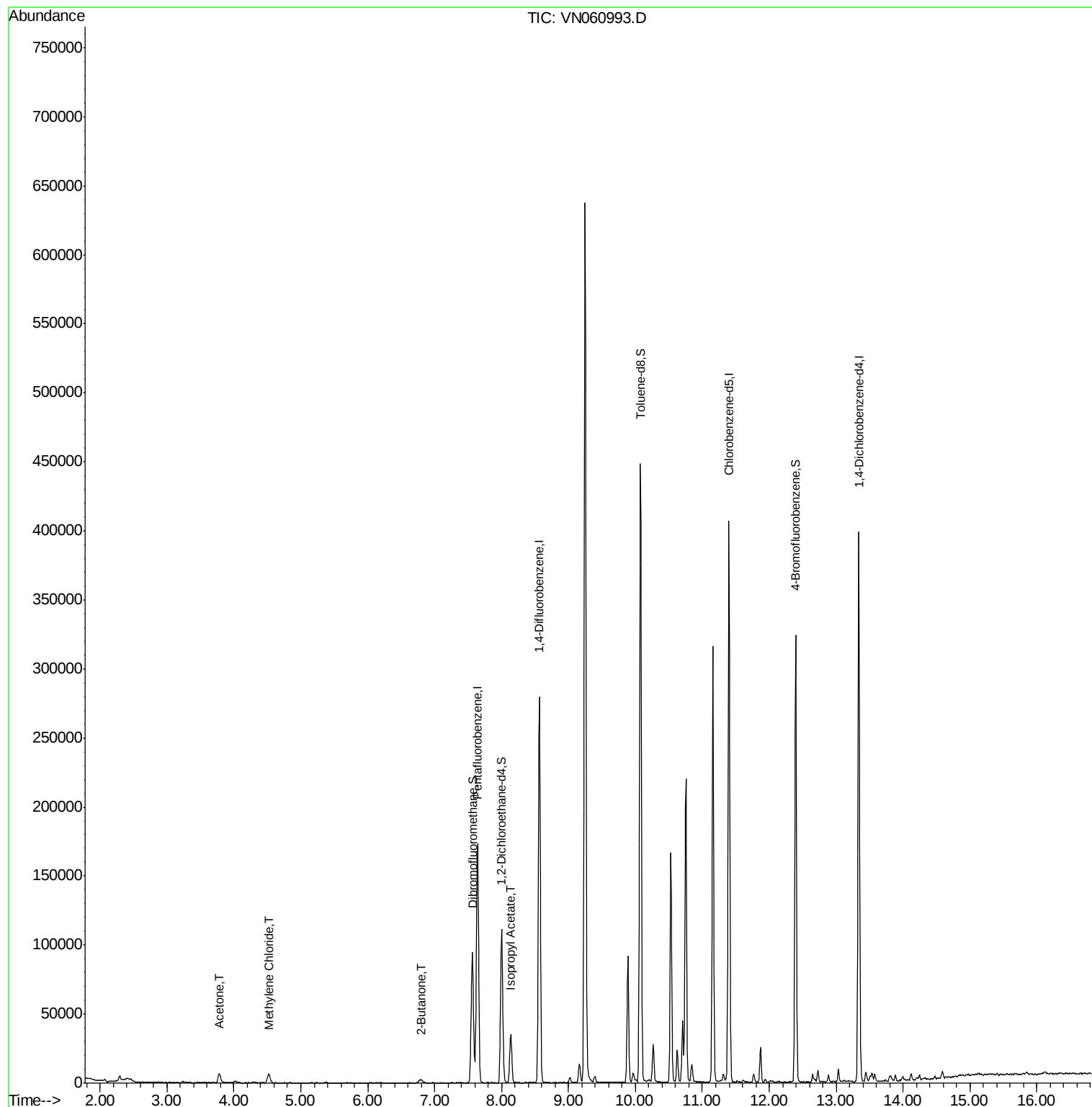
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	142289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	243927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	230339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	95999	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	7.56	113	72018	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	10.08	98	303498	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.39	95	115041	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
16) Acetone	3.78	43	12635	18.261	ug/l	95
20) Methylene Chloride	4.52	84	5042	2.962	ug/l	95
25) 2-Butanone	6.80	43	3510	3.135	ug/l	94
43) Isopropyl Acetate	8.14	43	42214	10.029	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060993.D

Acq: 16 Apr 2020 3:35

Instrument :

MSVOA_N

ClientSampleId :

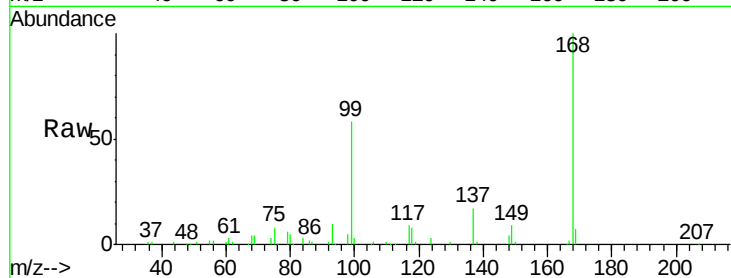
TP-37-38-45-46

Tot Ion:168 Resp: 142289

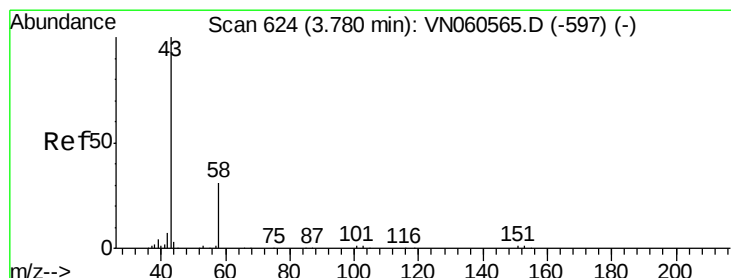
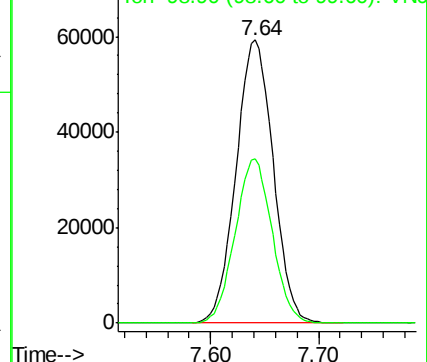
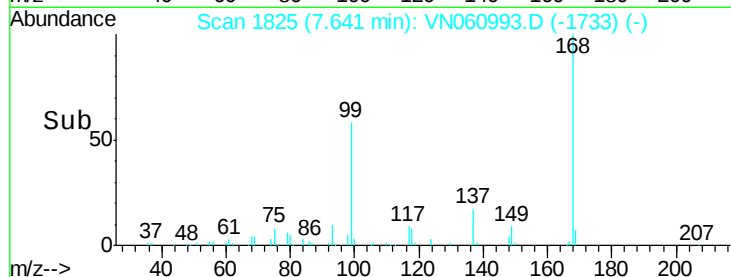
Ion Ratio Lower Upper

168 100

99 57.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060993.D (-1733) (-)



#16

Acetone

Concen: 18.261 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060993.D

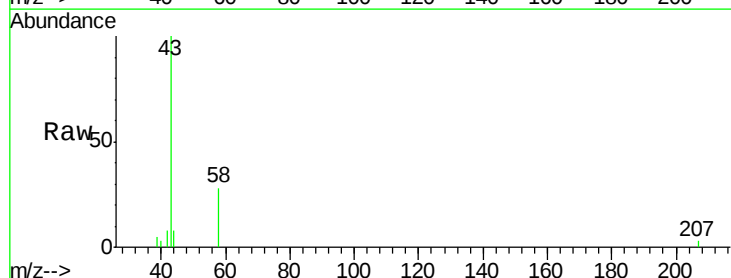
Acq: 16 Apr 2020 3:35

Tgt Ion: 43 Resp: 12635

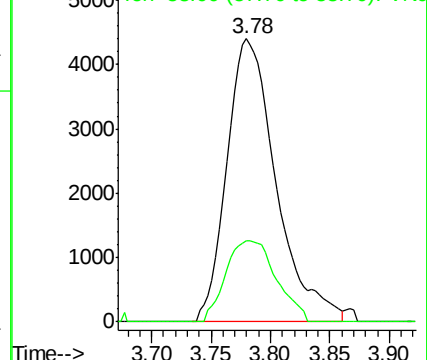
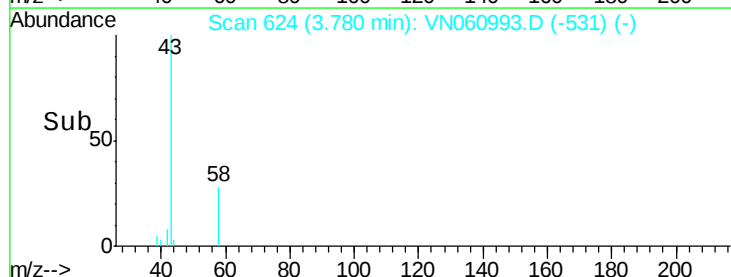
Ion Ratio Lower Upper

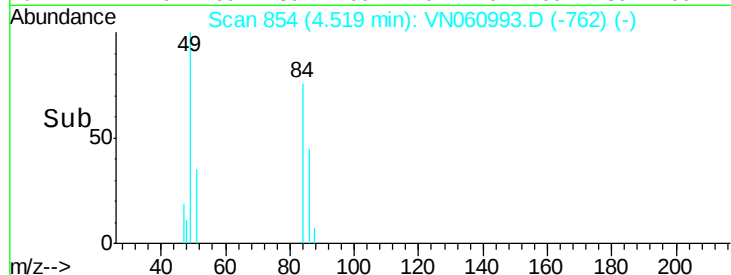
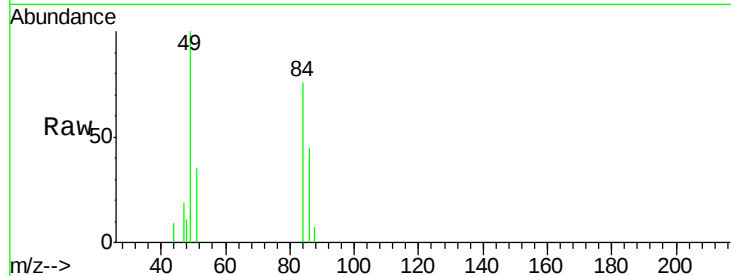
43 100

58 28.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060993.D (-531) (-)

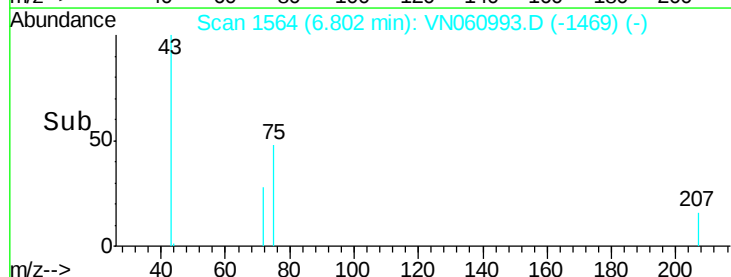
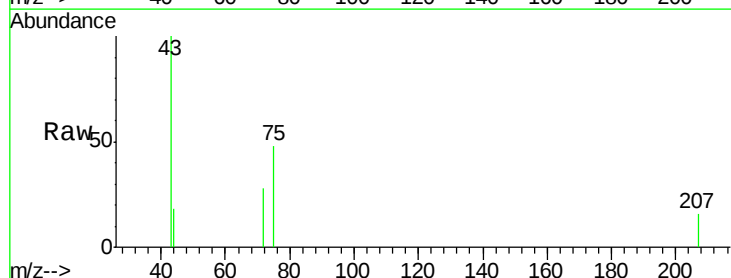
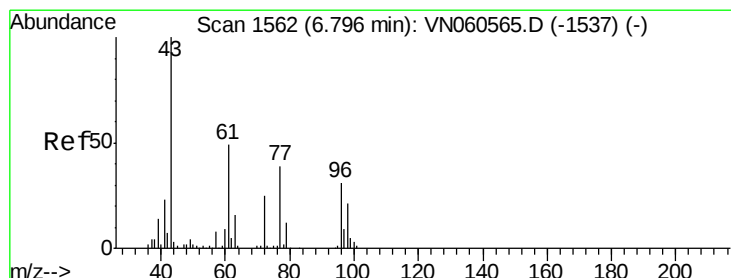
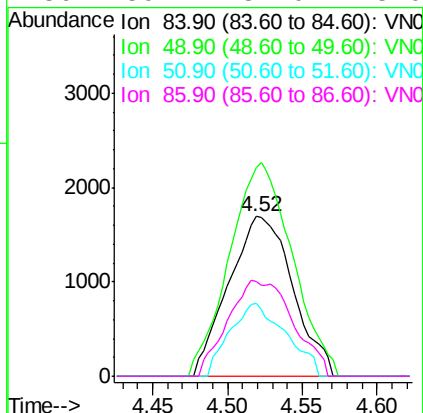




#20
Methylene Chloride
Concen: 2.962 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060993.D
Acq: 16 Apr 2020 3:35

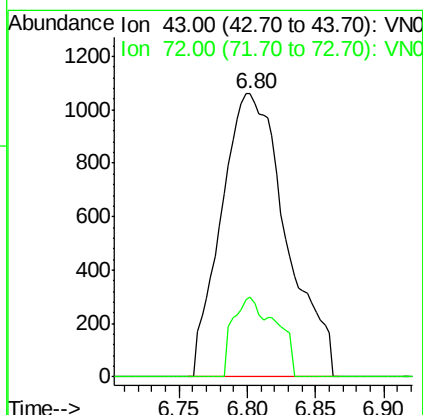
Instrument :
MSVOA_N
ClientSampleId :
TP-37-38-45-46

Tot Ion:	84	Resp:	5042
Ion	Ratio	Lower	Upper
84	100		
49	131.1	103.3	154.9
51	45.6	31.6	47.4
86	59.4	52.0	78.0



#25
2-Butanone
Concen: 3.135 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN060993.D
Acq: 16 Apr 2020 3:35

Tgt Ion:	43	Resp:	3510
Ion	Ratio	Lower	Upper
43	100		
72	28.3	20.4	30.6

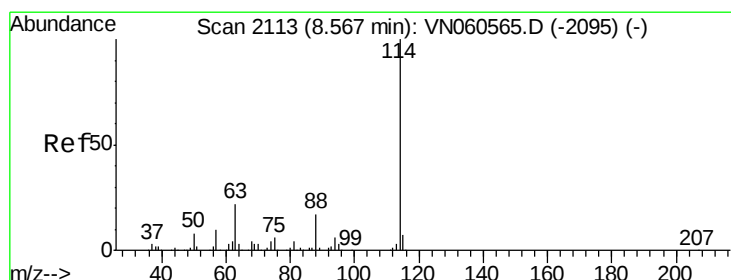
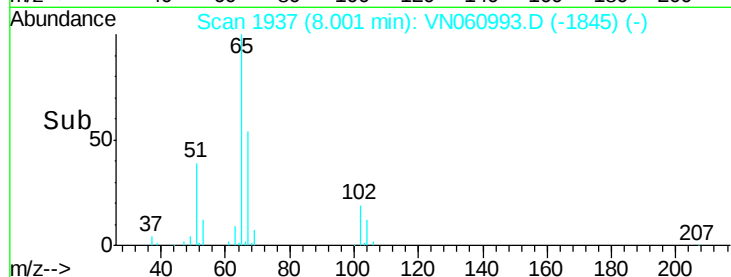
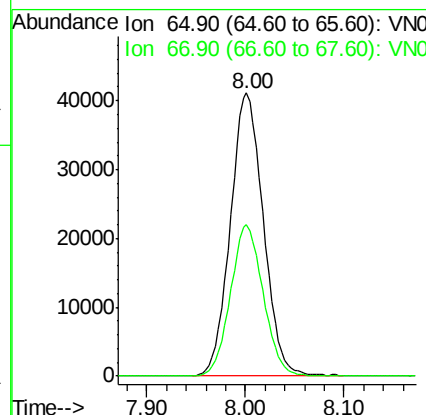
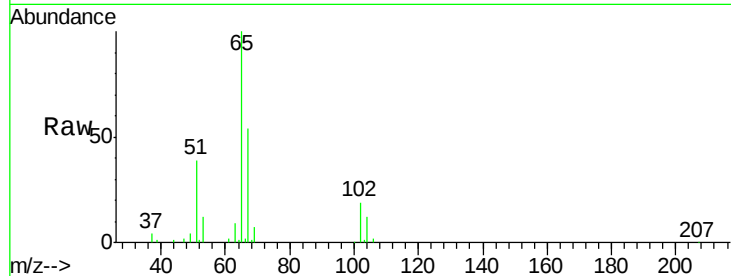




#33
 1,2-Dichloroethane-d4
 Concen: 49.147 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060993.D
 Acq: 16 Apr 2020 3:35

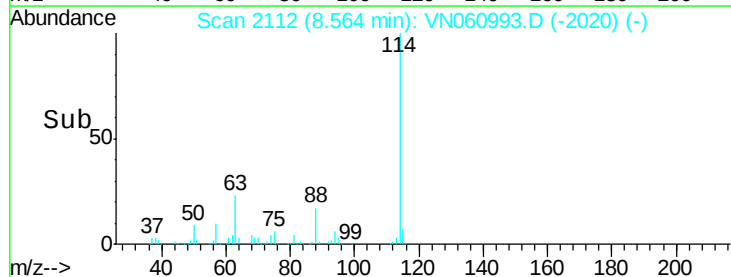
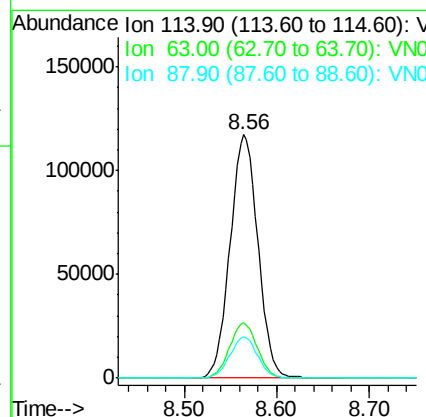
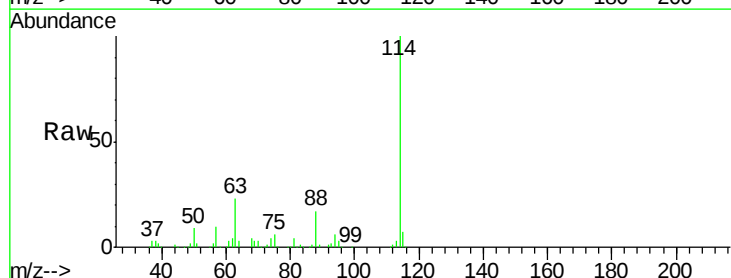
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-37-38-45-46

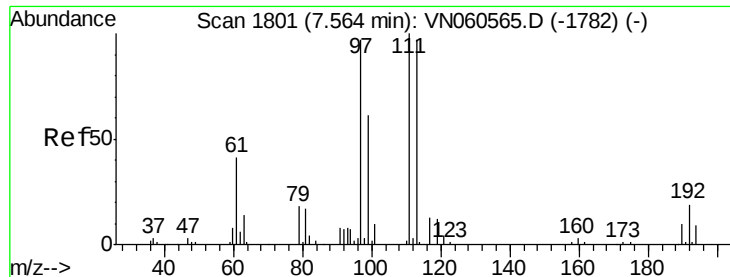
Tot Ion: 65 Resp: 95999
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060993.D
 Acq: 16 Apr 2020 3:35

Tgt Ion: 114 Resp: 243927
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.8
 88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.827 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060993.D

Acq: 16 Apr 2020 3:35

Instrument :

MSVOA_N

ClientSampleId :

TP-37-38-45-46

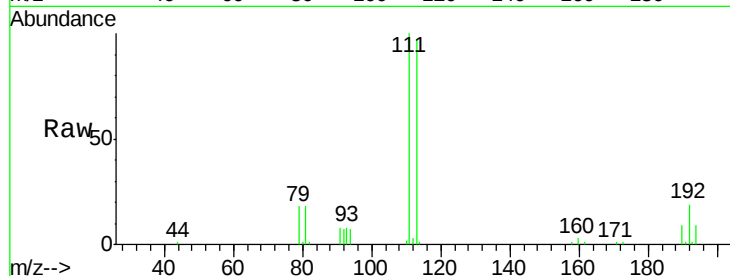
Tot Ion:113 Resp: 72018

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

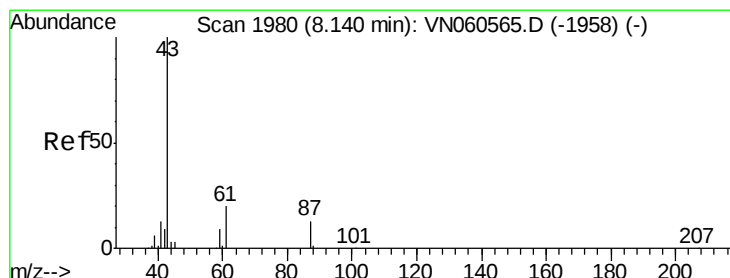
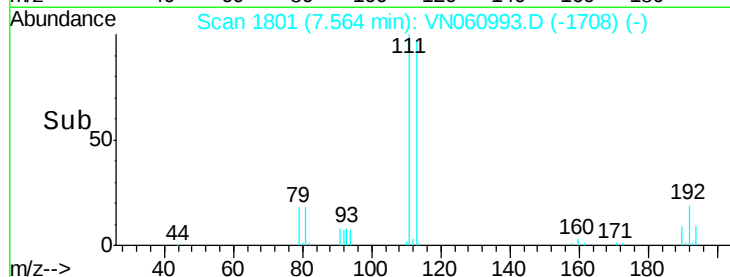
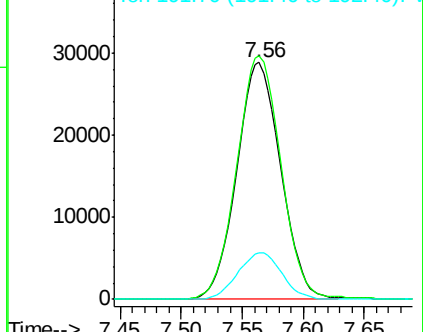
192 19.6 15.8 23.8



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: 10.029 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060993.D

Acq: 16 Apr 2020 3:35

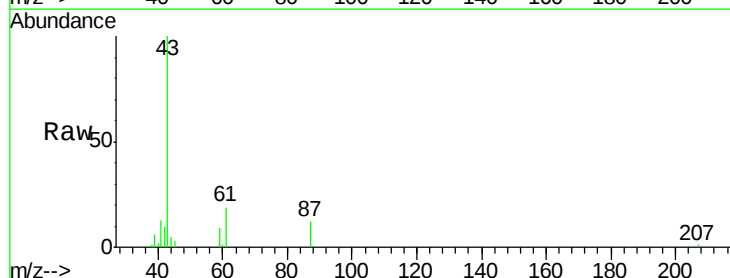
Tgt Ion: 43 Resp: 42214

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

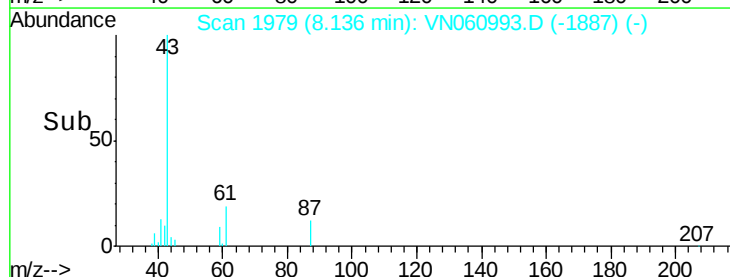
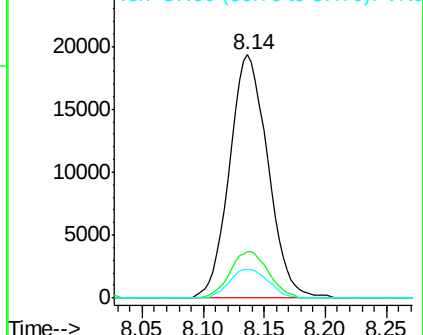
87 11.9 9.8 14.8

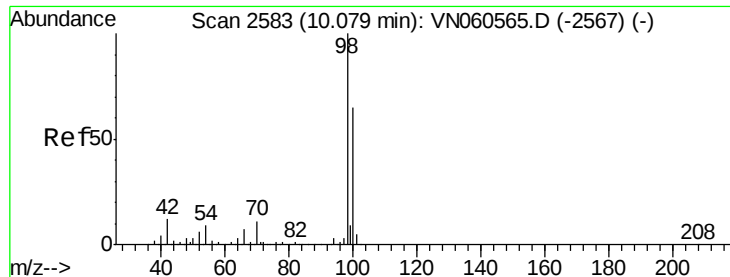


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

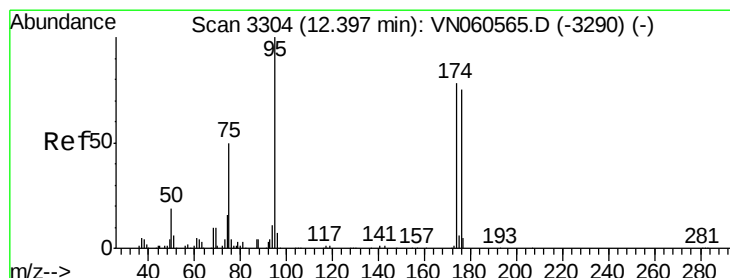
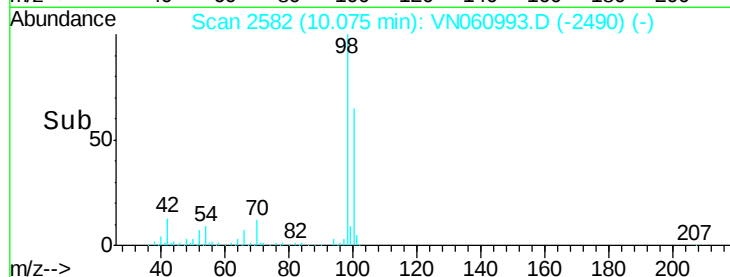
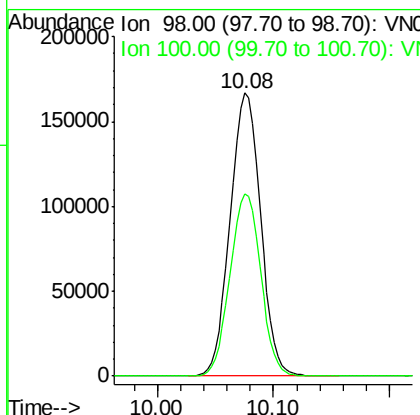
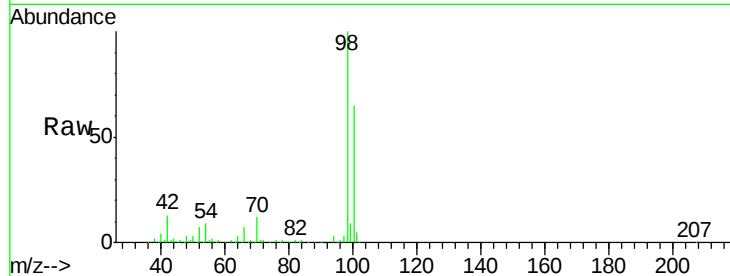




#50
Toluene-d8
Concen: 50.377 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060993.D
Acq: 16 Apr 2020 3:35

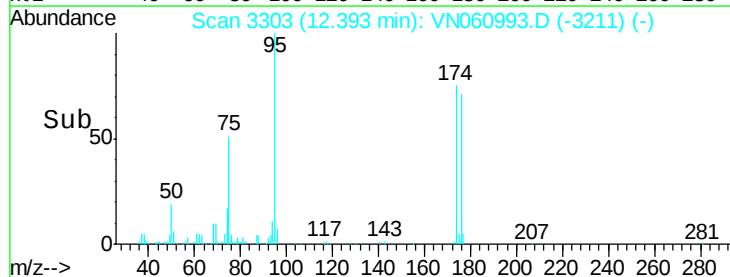
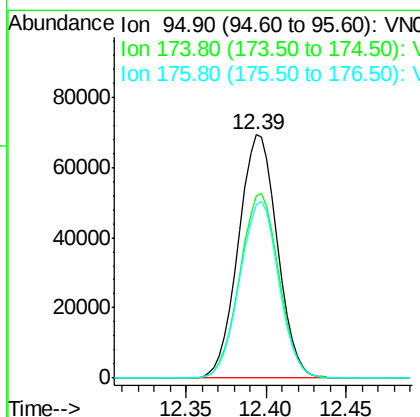
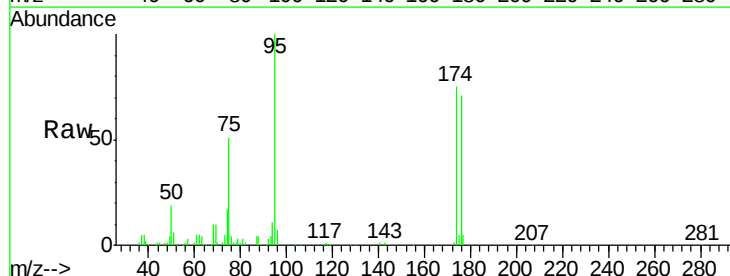
Instrument :
MSVOA_N
ClientSampleId :
TP-37-38-45-46

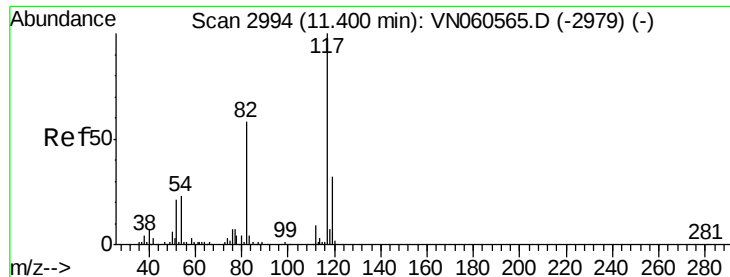
Tot Ion: 98 Resp: 303498
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 52.104 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN060993.D
Acq: 16 Apr 2020 3:35

Tgt Ion: 95 Resp: 115041
Ion Ratio Lower Upper
95 100
174 76.2 0.0 157.6
176 72.9 0.0 150.6

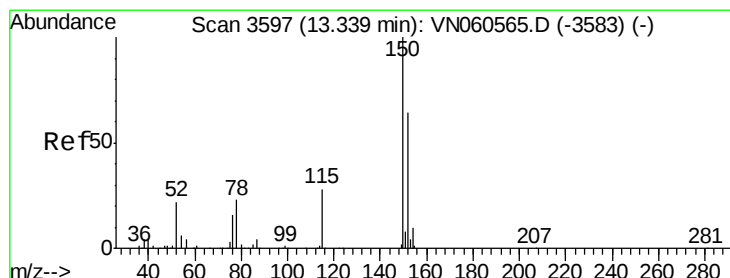
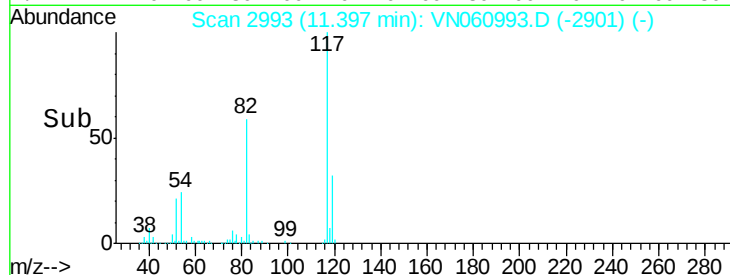
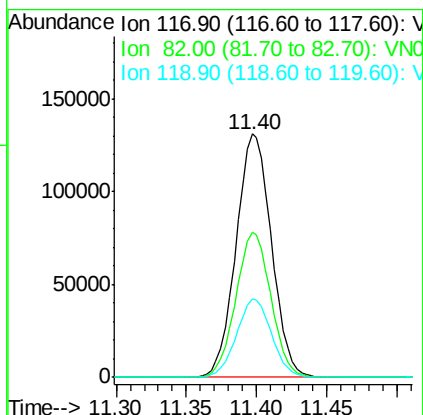
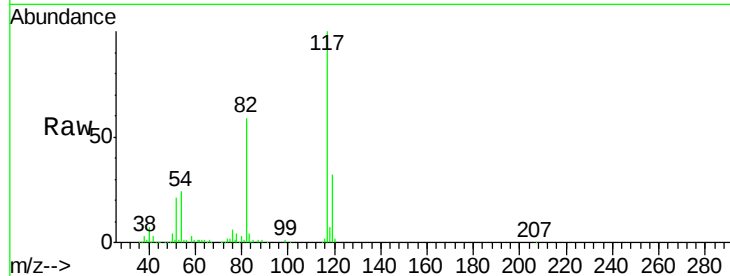




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060993.D
Acq: 16 Apr 2020 3:35

Instrument :
MSVOA_N
ClientSampleId :
TP-37-38-45-46

Tot Ion:117 Resp: 230339
Ion Ratio Lower Upper
117 100
82 59.4 46.7 70.1
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060993.D
Acq: 16 Apr 2020 3:35

Tgt Ion:152 Resp: 105173
Ion Ratio Lower Upper
152 100
115 60.8 30.2 90.6
150 156.8 0.0 350.2

