

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060955.D
 Acq On : 15 Apr 2020 12:50
 Operator : JC/MD
 Sample : L2230-58
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-3-4

Quant Time: Apr 16 07:14:19 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

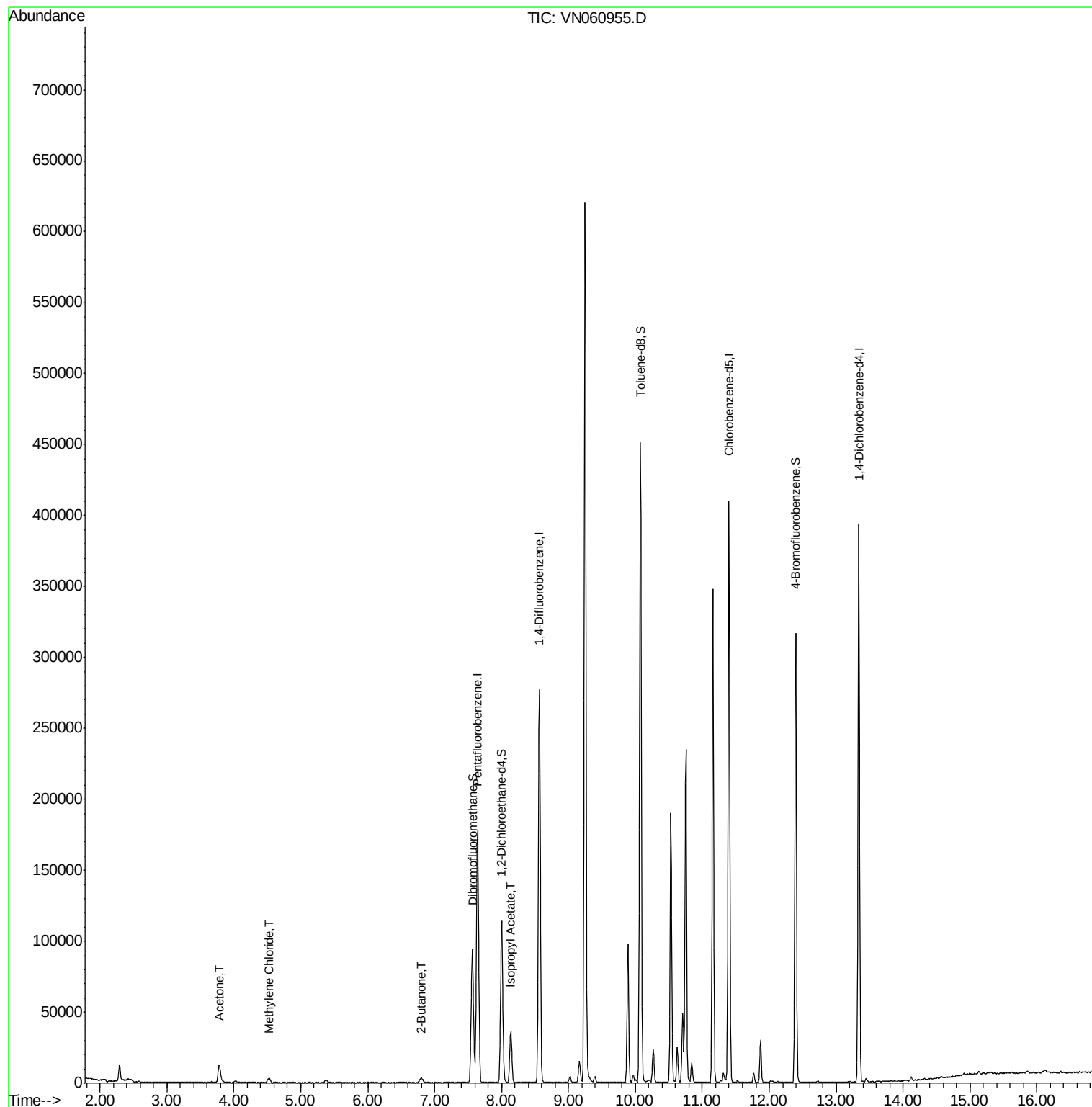
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	145185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	245746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	230102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96767	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	7.56	113	72945	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.08	98	304330	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	113993	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
Target Compounds						
16) Acetone	3.78	43	22775	32.260	ug/l	99
20) Methylene Chloride	4.52	84	2766	1.593	ug/l	93
25) 2-Butanone	6.80	43	6883	6.025	ug/l	99
43) Isopropyl Acetate	8.14	43	44714	10.545	ug/l #	90

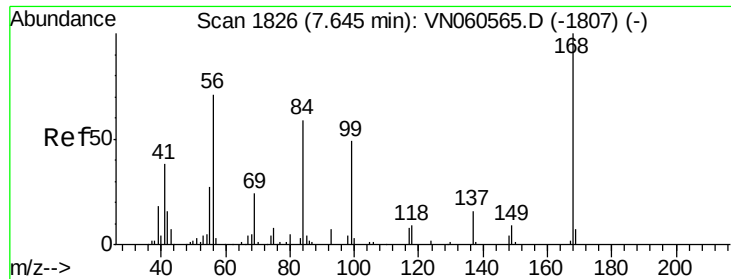
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060955.D

Acq: 15 Apr 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

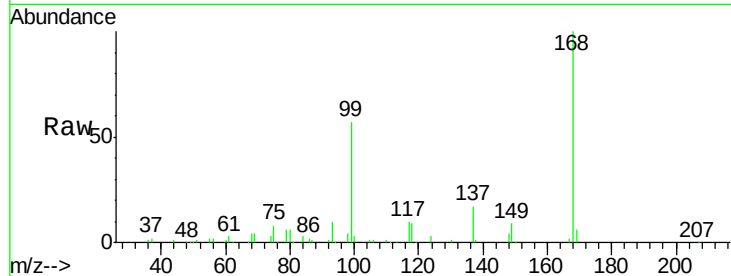
TP-2-3-4

Tot Ion:168 Resp: 145185

Ion Ratio Lower Upper

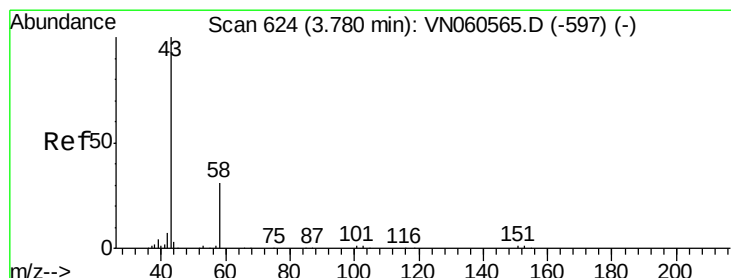
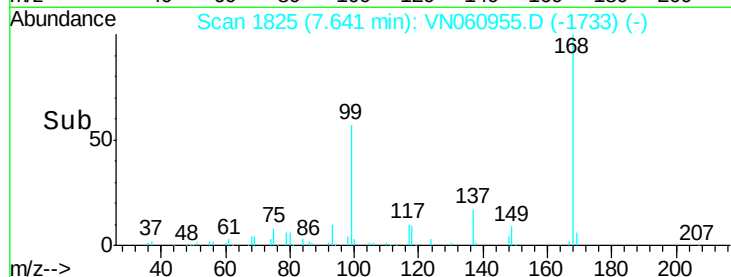
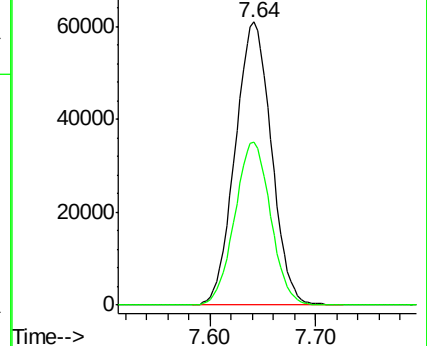
168 100

99 57.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 32.260 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060955.D

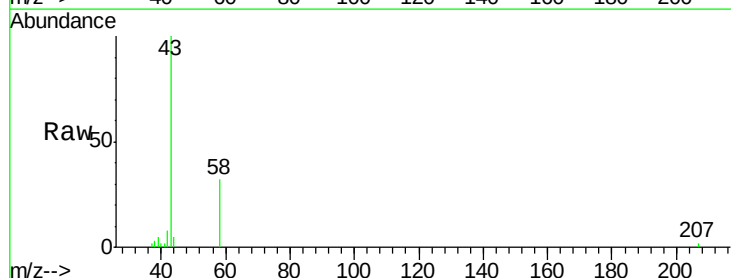
Acq: 15 Apr 2020 12:50

Tgt Ion: 43 Resp: 22775

Ion Ratio Lower Upper

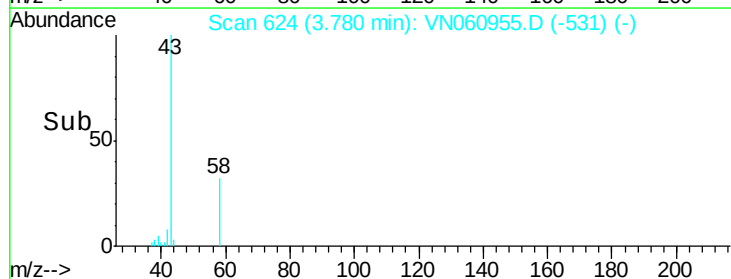
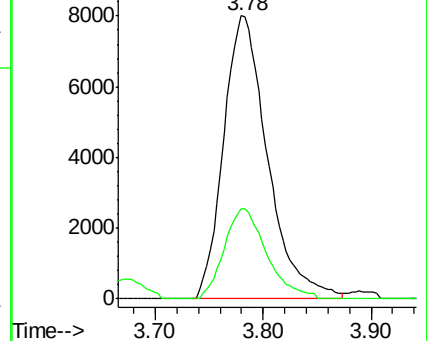
43 100

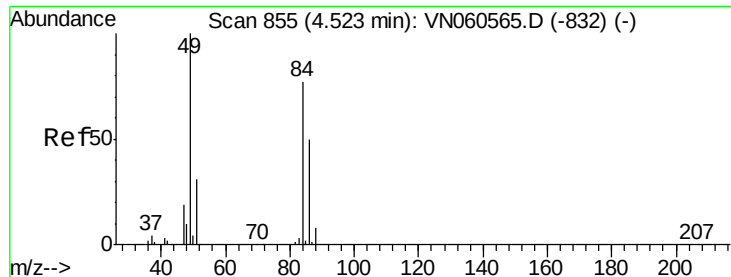
58 31.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



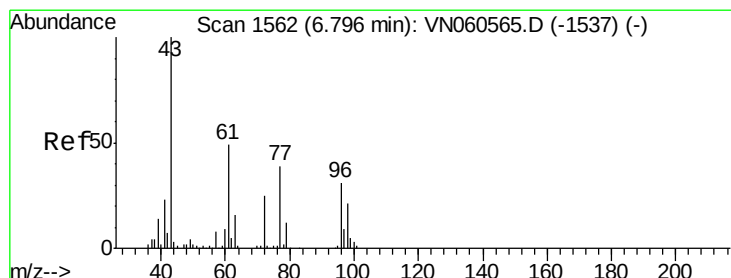
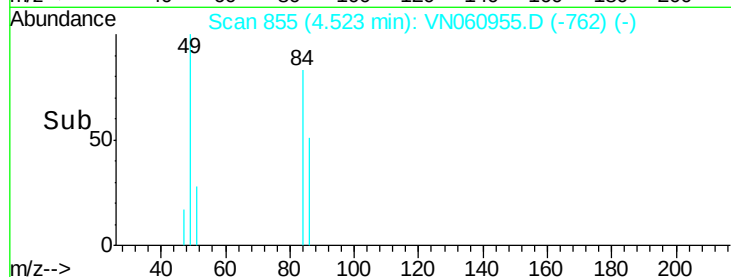
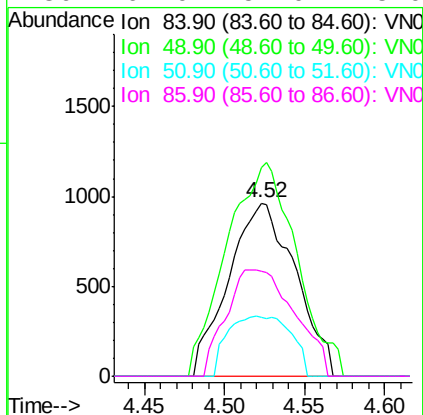
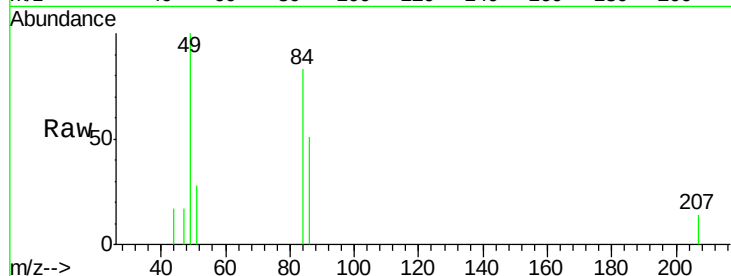


#20
Methvlene Chloride
Concen: 1.593 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060955.D
Acq: 15 Apr 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
TP-2-3-4

Tot Ion: 84 Resp: 2766

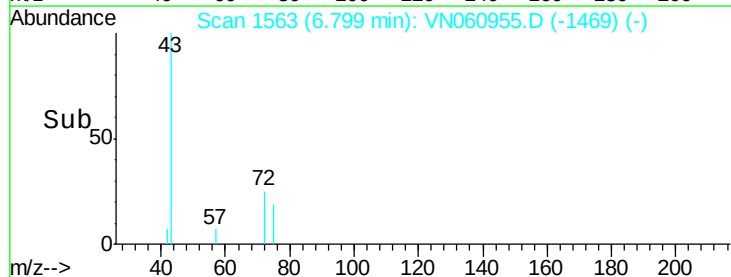
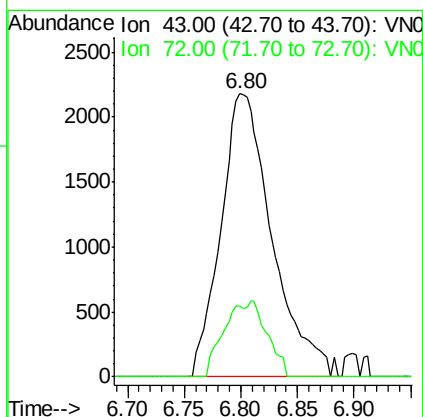
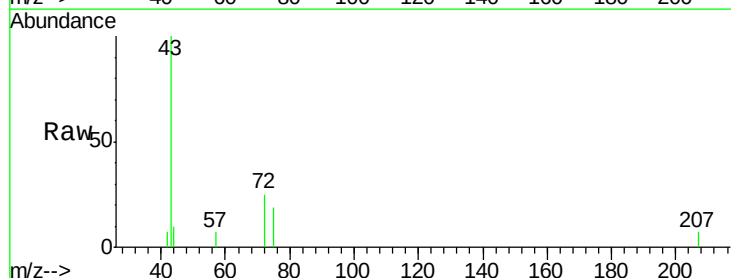
Ion	Ratio	Lower	Upper
84	100		
49	120.8	103.3	154.9
51	33.9	31.6	47.4
86	61.0	52.0	78.0

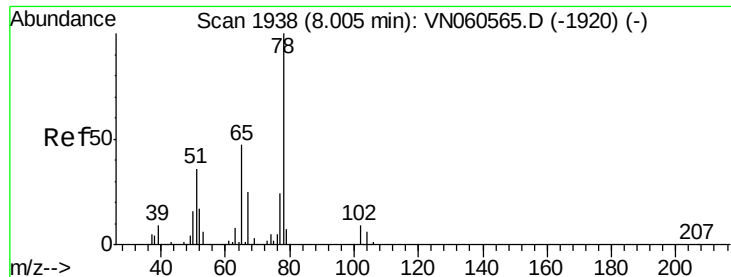


#25
2-Butanone
Concen: 6.025 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060955.D
Acq: 15 Apr 2020 12:50

Tgt Ion: 43 Resp: 6883

Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.4	30.6

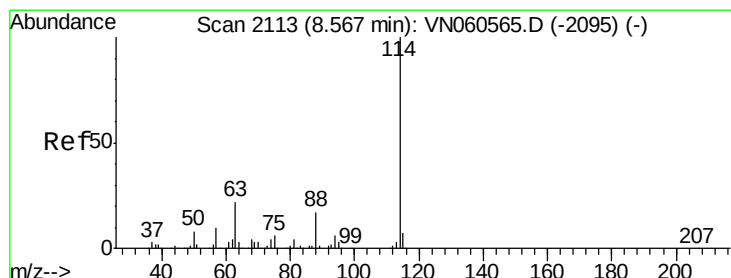
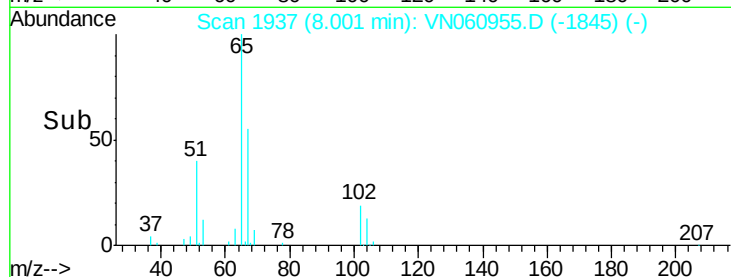
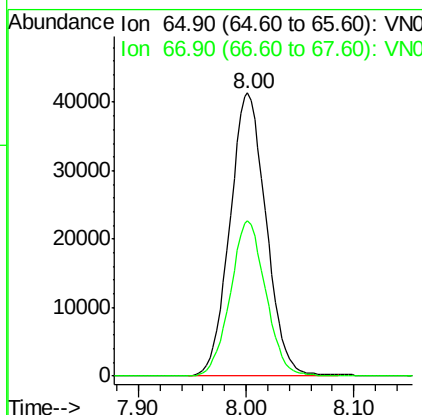
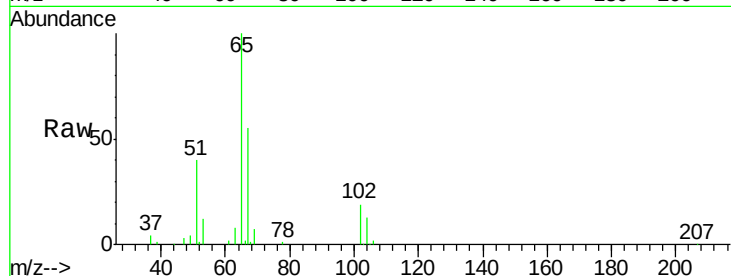




#33
 1,2-Dichloroethane-d4
 Concen: 48.552 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060955.D
 Acq: 15 Apr 2020 12:50

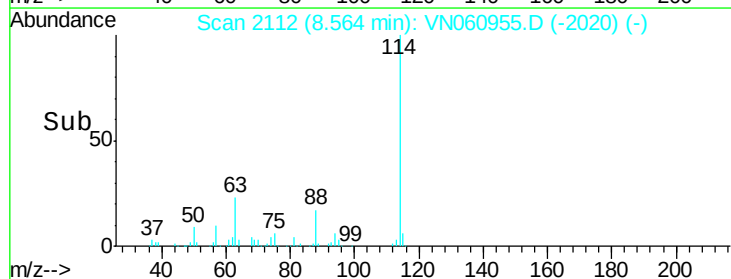
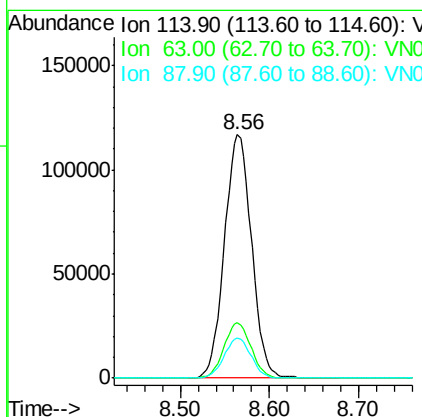
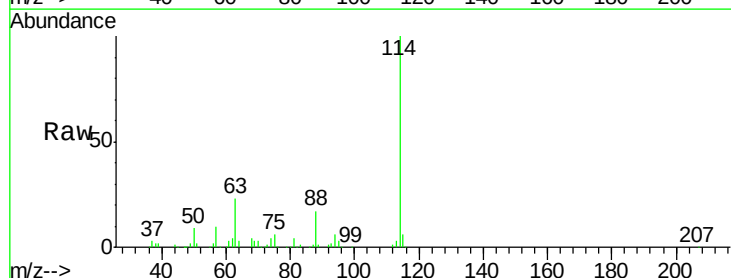
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-3-4

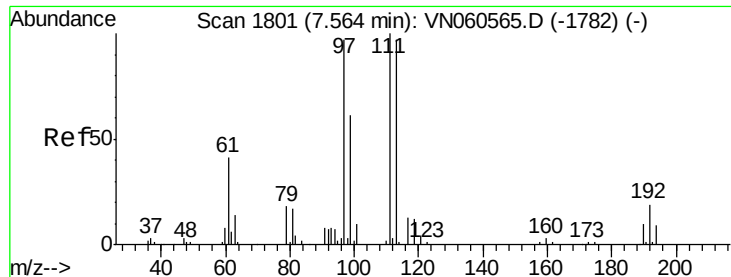
Tot Ion: 65 Resp: 96767
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060955.D
 Acq: 15 Apr 2020 12:50

Tgt Ion: 114 Resp: 245746
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.8
 88 16.5 0.0 33.0

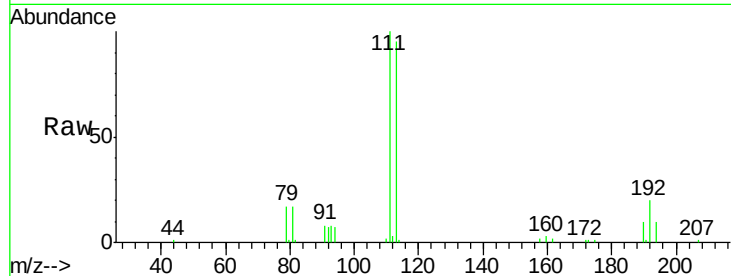




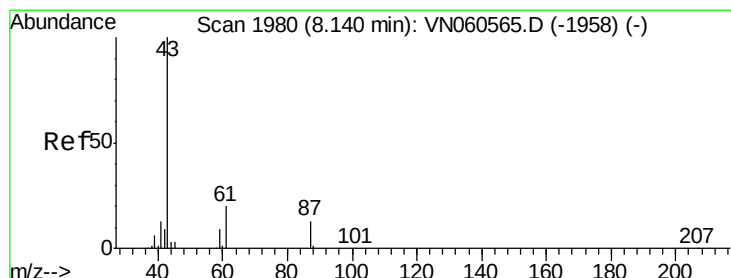
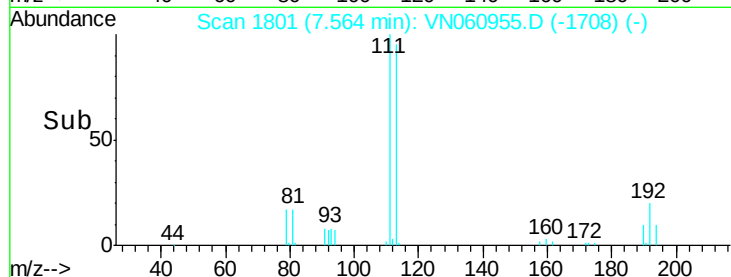
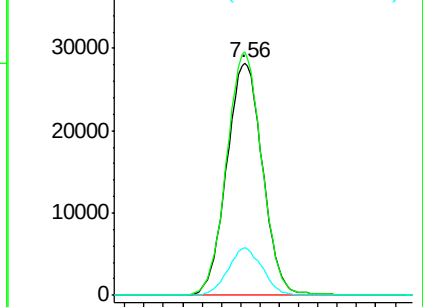
#35
 Dibromofluoromethane
 Concen: 49.090 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060955.D
 Acq: 15 Apr 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-3-4

Tot Ion:113 Resp: 72945
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 19.4 15.8 23.8

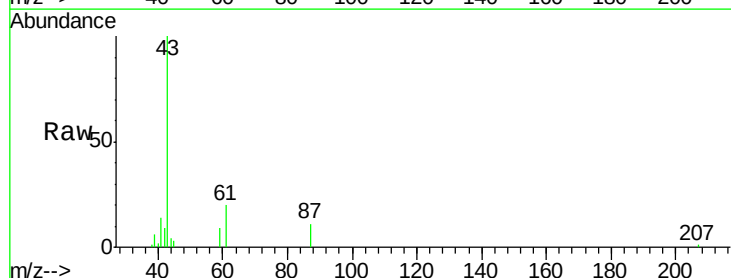


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

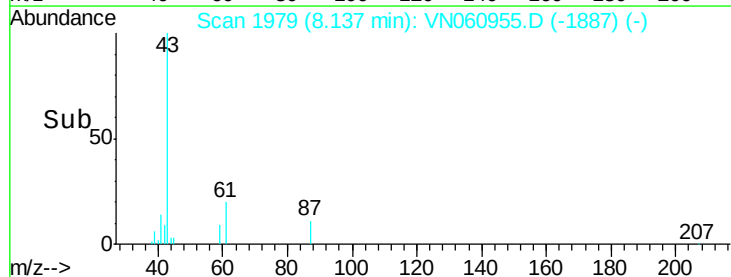
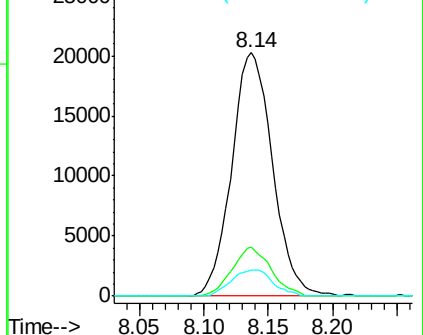


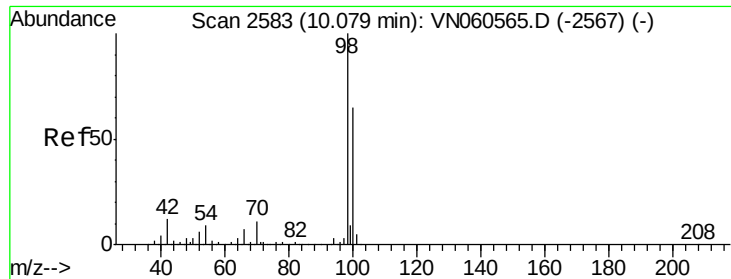
#43
 Isopropyl Acetate
 Concen: 10.545 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VN060955.D
 Acq: 15 Apr 2020 12:50

Tgt Ion: 43 Resp: 44714
 Ion Ratio Lower Upper
 43 100
 61 19.1 20.7 31.1#
 87 10.9 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: 50.141 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060955.D

Acq: 15 Apr 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

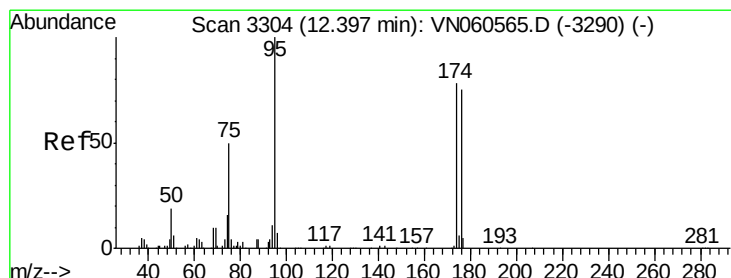
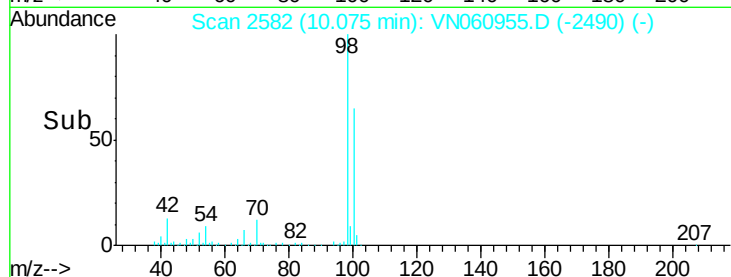
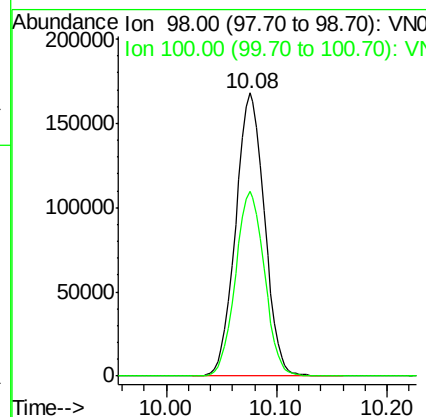
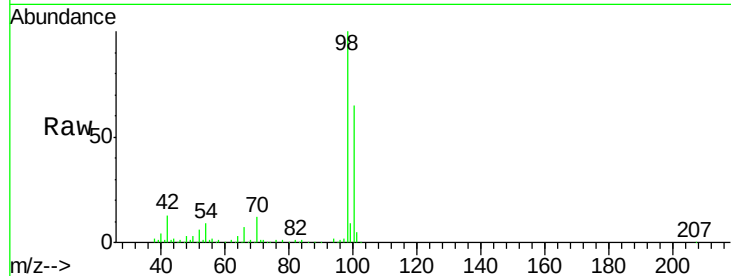
TP-2-3-4

Tot Ion: 98 Resp: 304330

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.247 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060955.D

Acq: 15 Apr 2020 12:50

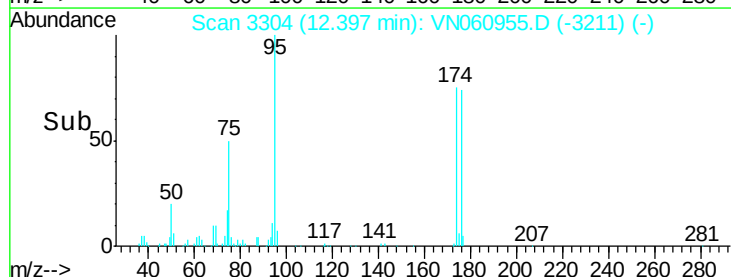
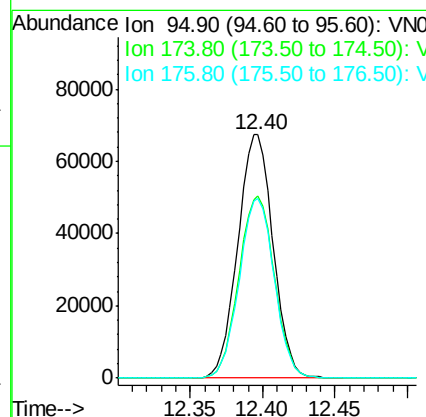
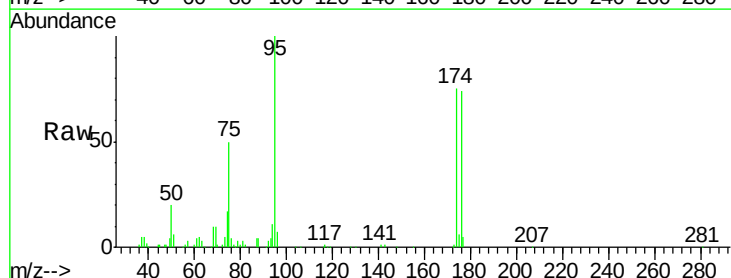
Tgt Ion: 95 Resp: 113993

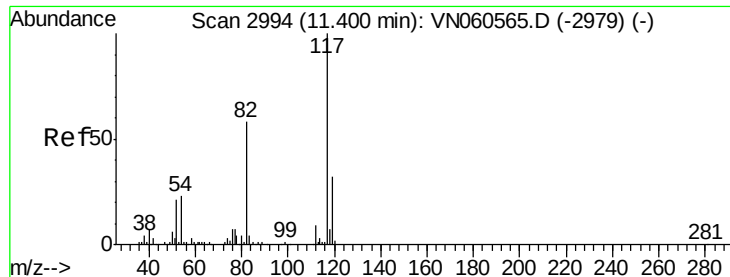
Ion Ratio Lower Upper

95 100

174 75.6 0.0 157.6

176 73.2 0.0 150.6

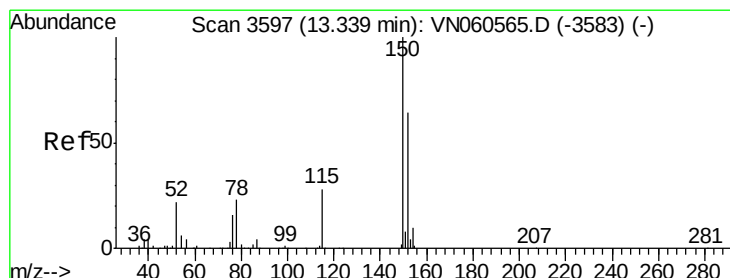
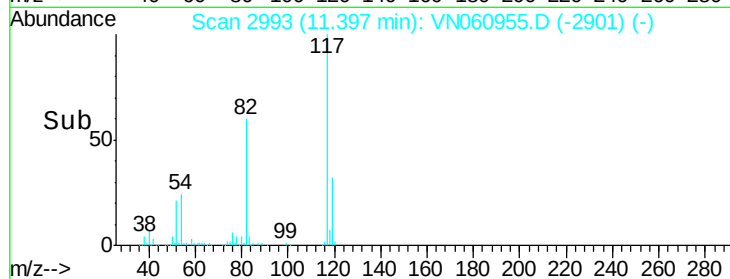
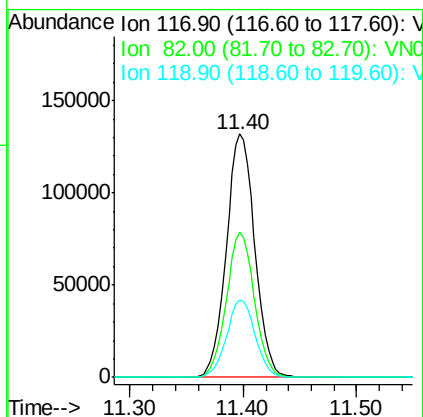
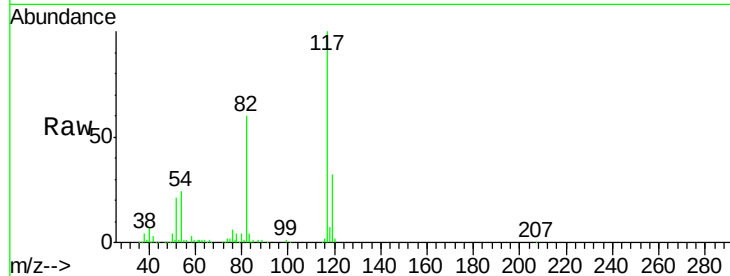




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060955.D
Acq: 15 Apr 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
TP-2-3-4

Tot Ion:117 Resp: 230102
Ion Ratio Lower Upper
117 100
82 59.6 46.7 70.1
119 31.9 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: VN060955.D
Acq: 15 Apr 2020 12:50

Tgt Ion:152 Resp: 101465
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 157.8 0.0 350.2

