

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067495.D
 Acq On : 24 Jun 2021 20:09
 Operator : JC/MD
 Sample : M2828-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PW-2R

Quant Time: Jun 25 02:16:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

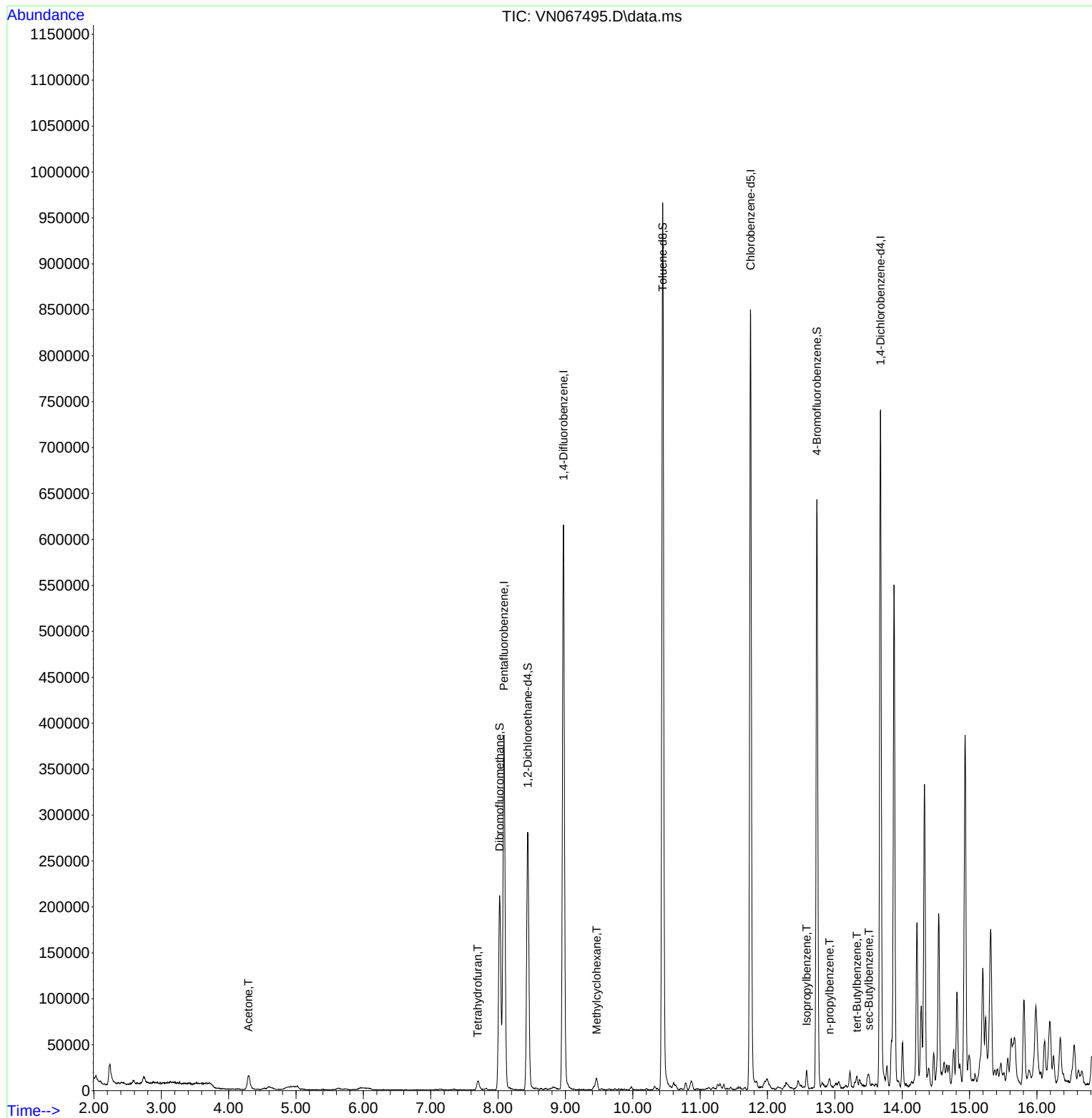
Internal Standards						
1) Pentafluorobenzene	8.088	168	229153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	488087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	439876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	161301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	235349	50.183	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.360%	
35) Dibromofluoromethane	8.024	113	151789	50.479	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.960%	
50) Toluene-d8	10.443	98	660164	51.474	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.733	95	233336	51.065	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	28674	15.975	ug/l	92
29) Tetrahydrofuran	7.697	42	8768	4.962	ug/l #	81
39) Methylcyclohexane	9.464	83	5710	0.901	ug/l #	75
73) Isopropylbenzene	12.581	105	12356	0.752	ug/l	98
78) n-propylbenzene	12.921	91	7786	0.385	ug/l	89
83) tert-Butylbenzene	13.329	119	4933	0.466	ug/l	98
85) sec-Butylbenzene	13.503	105	8050	0.508	ug/l	99

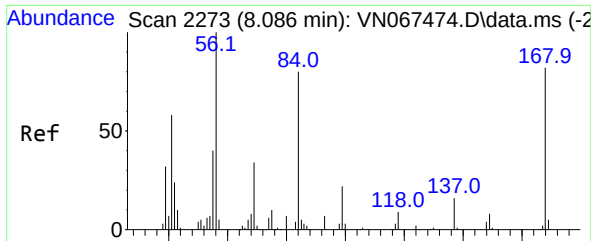
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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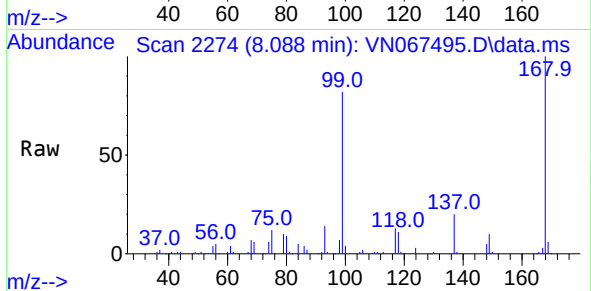
Quant Time: Jun 25 02:16:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
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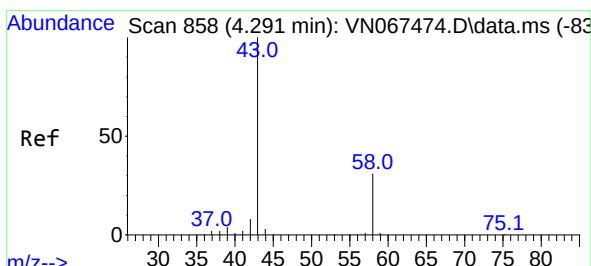
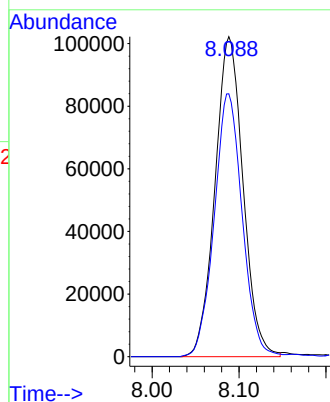
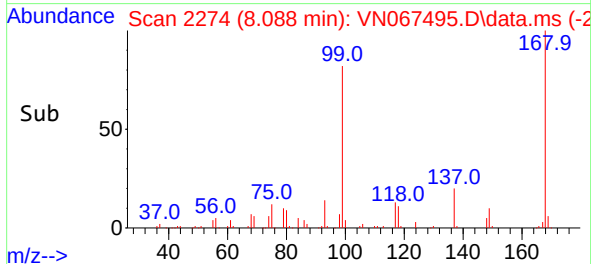


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

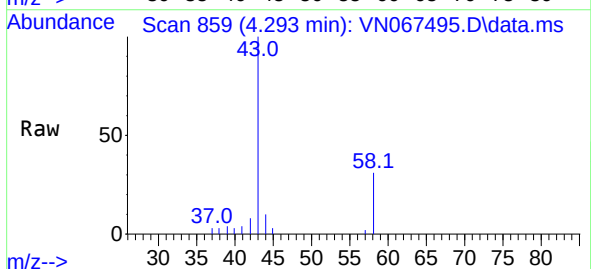
Instrument :
MSVOA_N
ClientSampleId :
PW-2R



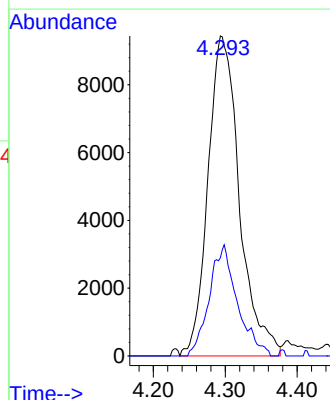
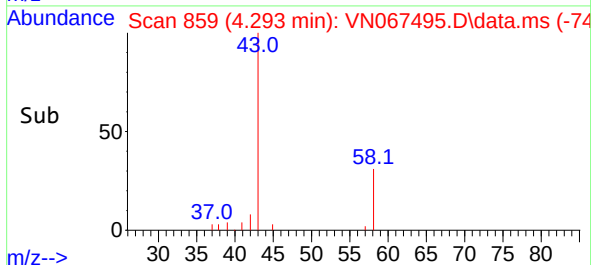
Tgt Ion:168 Resp: 229153
Ion Ratio Lower Upper
168 100
99 82.2 62.9 94.3

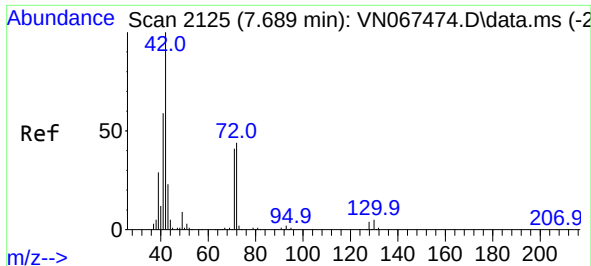


#16
Acetone
Concen: 15.975 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09



Tgt Ion: 43 Resp: 28674
Ion Ratio Lower Upper
43 100
58 30.7 21.2 31.8





#29

Tetrahydrofuran

Concen: 4.962 ug/l

RT: 7.697 min Scan# 2128

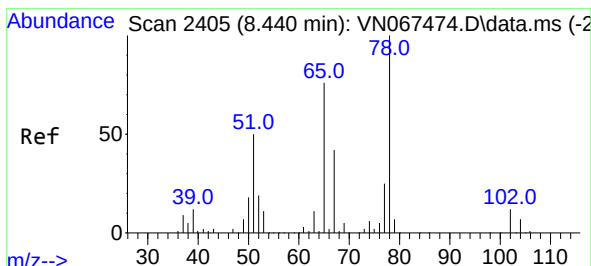
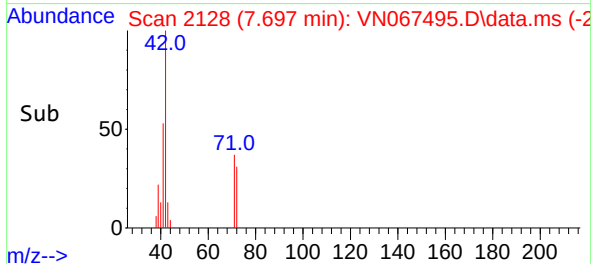
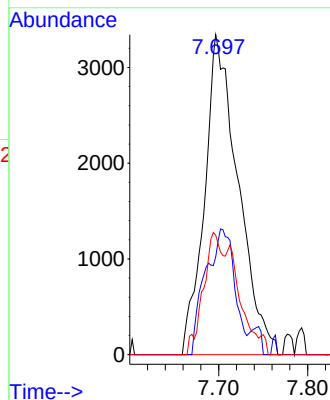
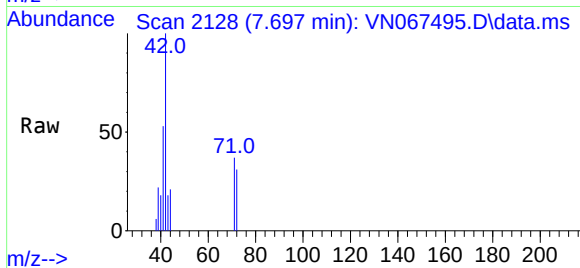
Delta R.T. 0.008 min

Lab File: VN067495.D

Acq: 24 Jun 2021 20:09

Instrument :
MSVOA_N
ClientSampled :
PW-2R

Tgt Ion:	42	Resp:	8768
Ion	Ratio	Lower	Upper
42	100		
72	34.1	32.8	49.2
71	22.8	31.2	46.8



#33

1,2-Dichloroethane-d4

Concen: 50.183 ug/l

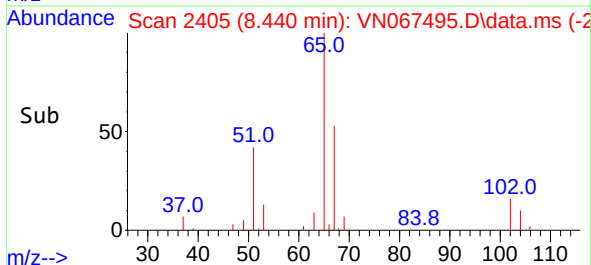
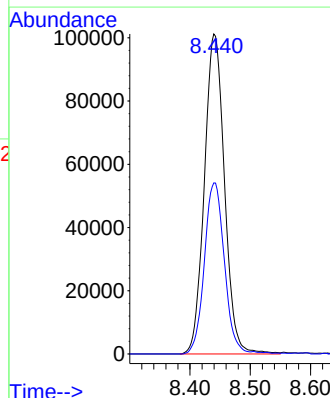
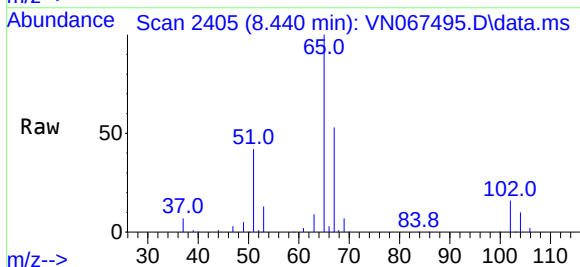
RT: 8.440 min Scan# 2405

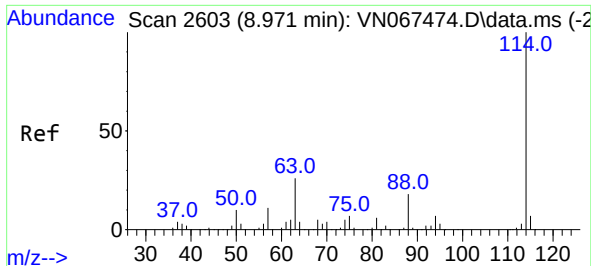
Delta R.T. -0.000 min

Lab File: VN067495.D

Acq: 24 Jun 2021 20:09

Tgt Ion:	65	Resp:	235349
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	98.6

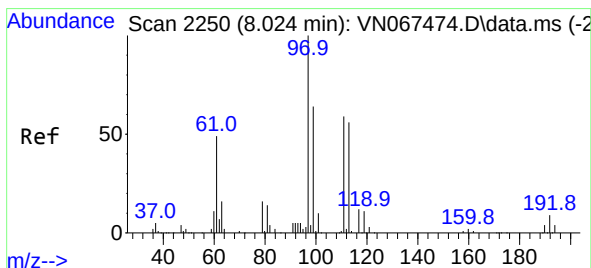
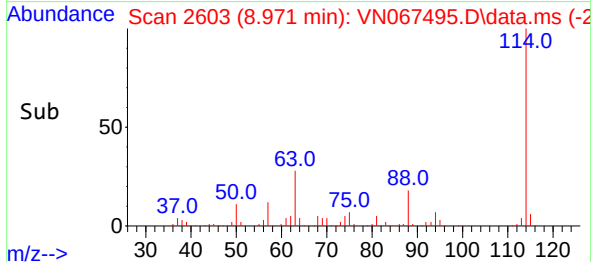
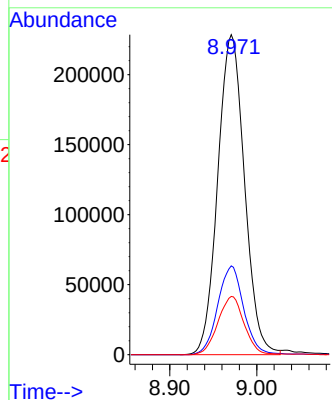
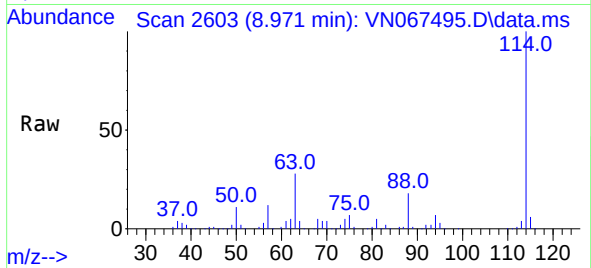




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

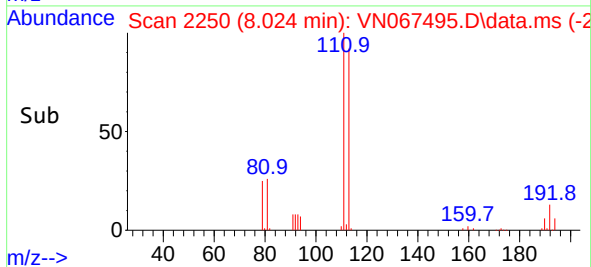
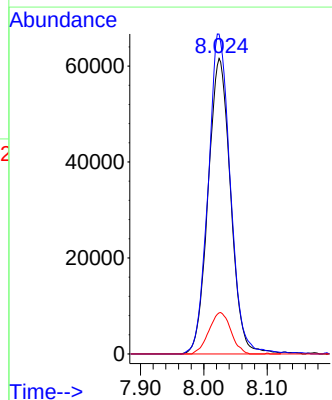
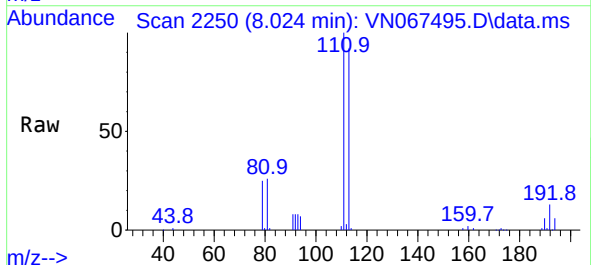
Instrument :
MSVOA_N
ClientSampled :
PW-2R

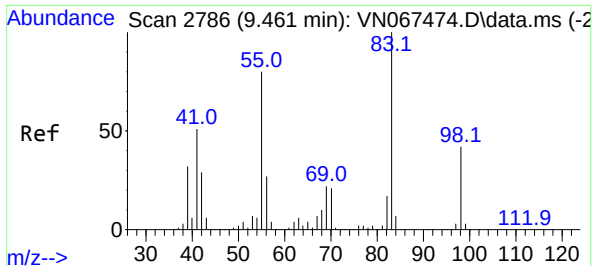
Tgt Ion:114 Resp: 488087
Ion Ratio Lower Upper
114 100
63 27.7 0.0 49.0
88 18.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.479 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

Tgt Ion:113 Resp: 151789
Ion Ratio Lower Upper
113 100
111 106.9 83.8 125.8
192 13.7 13.4 20.0





#39

Methylcyclohexane

Concen: 0.901 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VN067495.D

Acq: 24 Jun 2021 20:09

Tgt Ion: 83 Resp: 5710

Ion Ratio Lower Upper

83 100

55 60.2 66.6 99.8#

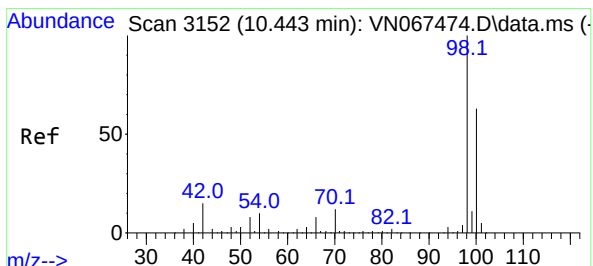
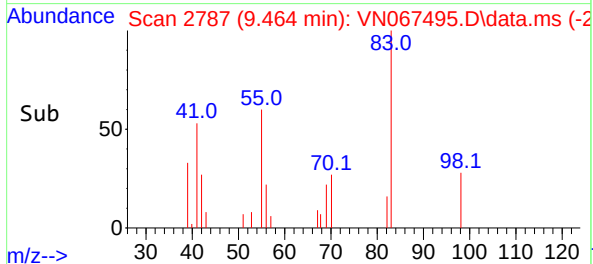
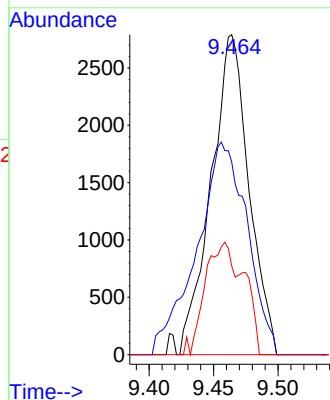
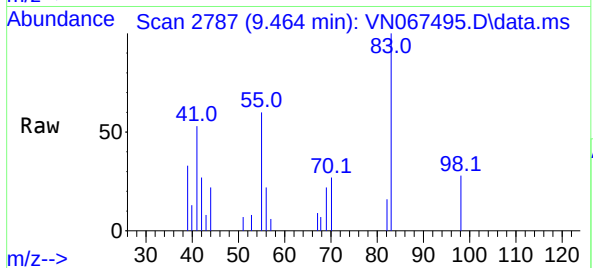
98 27.7 35.3 52.9#

Instrument :

MSVOA_N

ClientSampled :

PW-2R



#50

Toluene-d8

Concen: 51.474 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN067495.D

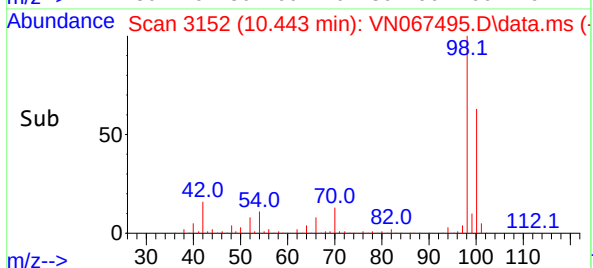
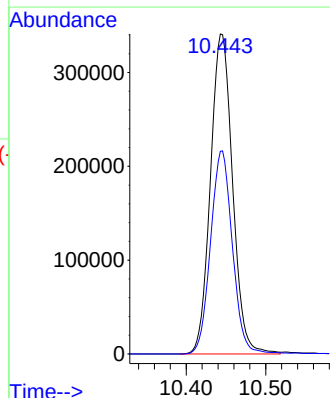
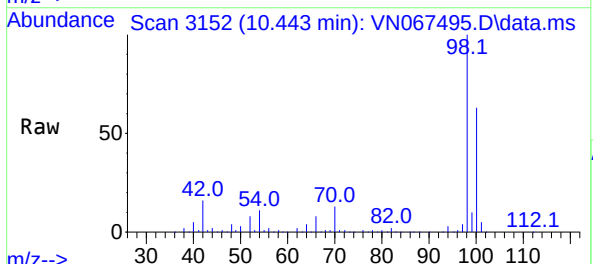
Acq: 24 Jun 2021 20:09

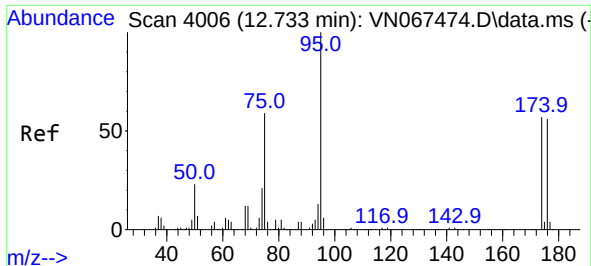
Tgt Ion: 98 Resp: 660164

Ion Ratio Lower Upper

98 100

100 62.7 51.7 77.5

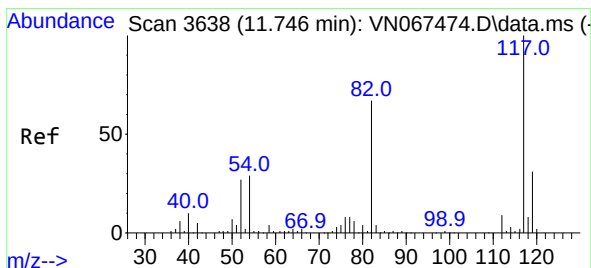
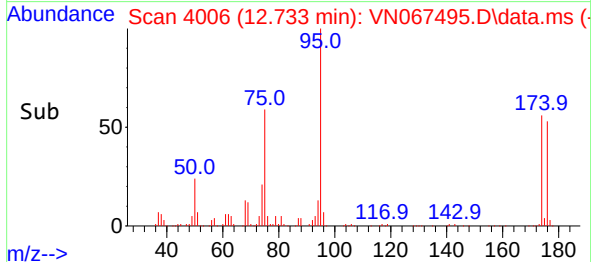
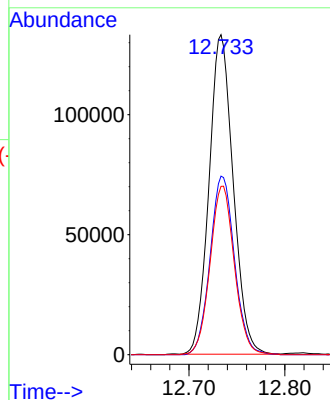
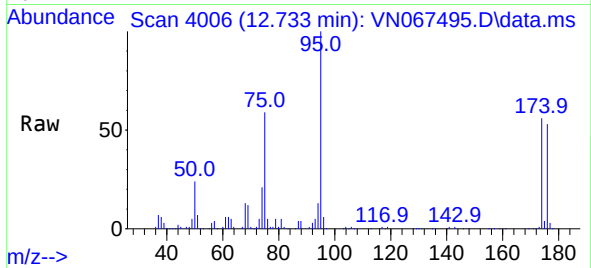




#62
4-Bromofluorobenzene
Concen: 51.065 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

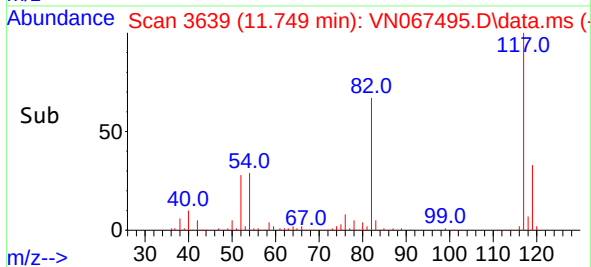
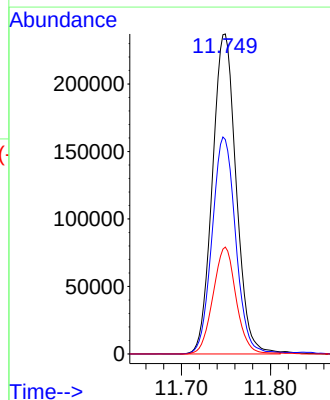
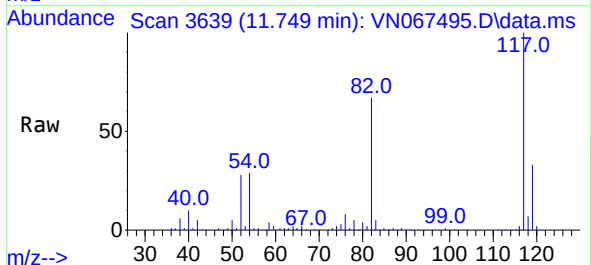
Instrument :
MSVOA_N
ClientSampleId :
PW-2R

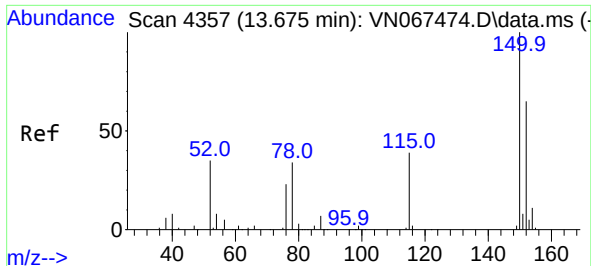
Tgt Ion: 95 Resp: 233336
Ion Ratio Lower Upper
95 100
174 56.5 0.0 122.0
176 53.0 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

Tgt Ion: 117 Resp: 439876
Ion Ratio Lower Upper
117 100
82 67.0 53.1 79.7
119 33.4 25.5 38.3

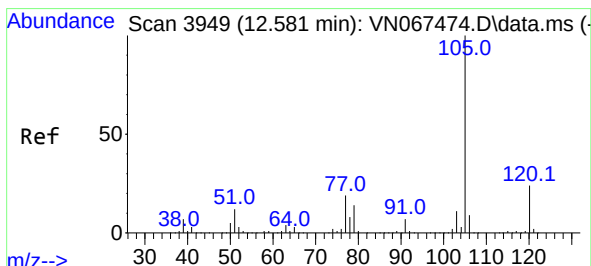
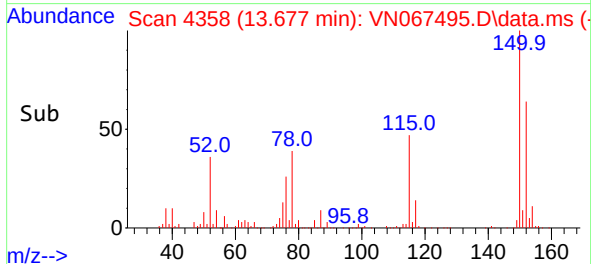
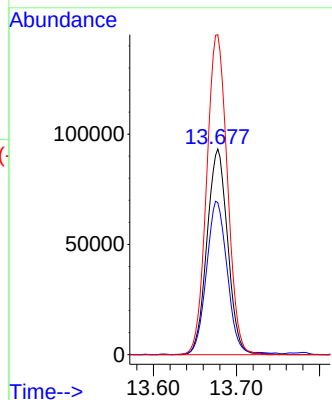
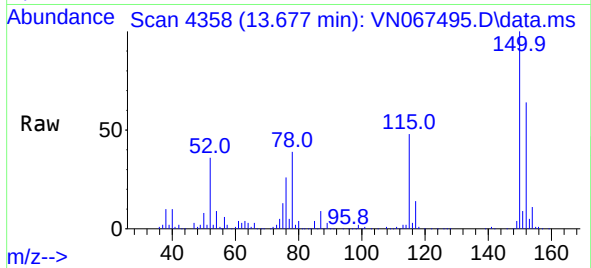




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

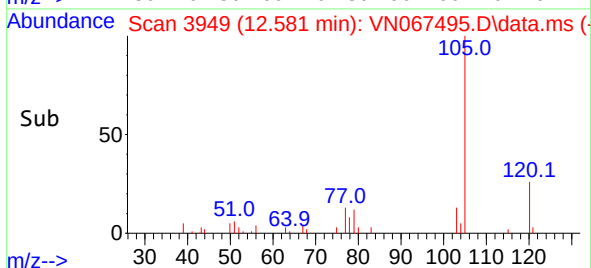
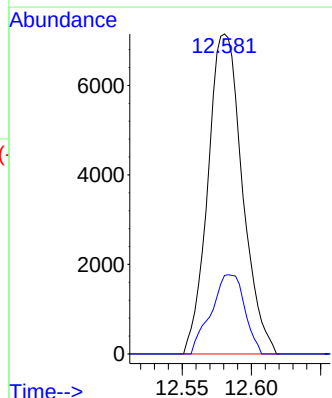
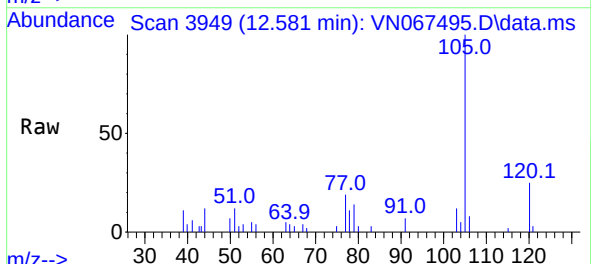
Instrument :
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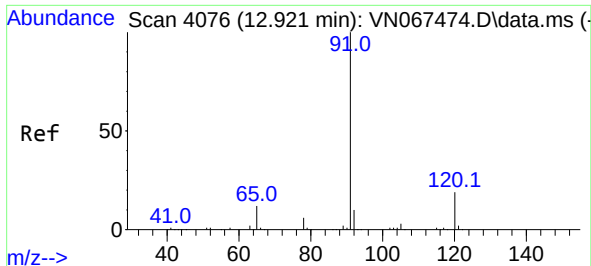
Tgt Ion:152 Resp: 161301
Ion Ratio Lower Upper
152 100
115 75.5 36.1 108.5
150 155.7 0.0 351.8



#73
Isopropylbenzene
Concen: 0.752 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

Tgt Ion:105 Resp: 12356
Ion Ratio Lower Upper
105 100
120 24.0 12.5 37.5

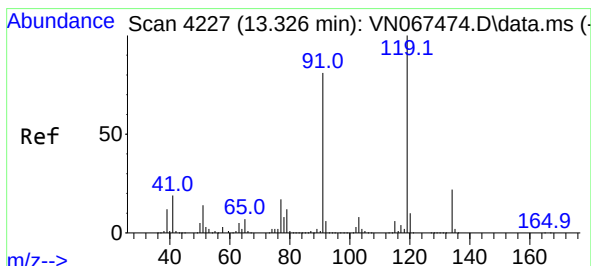
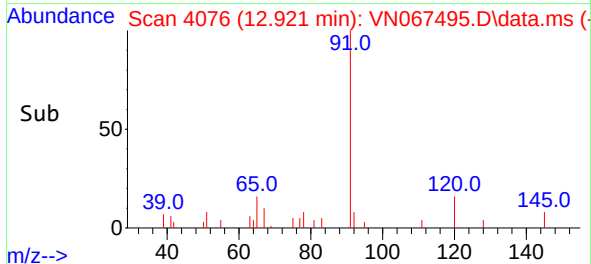
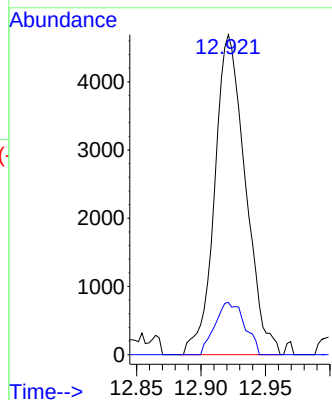
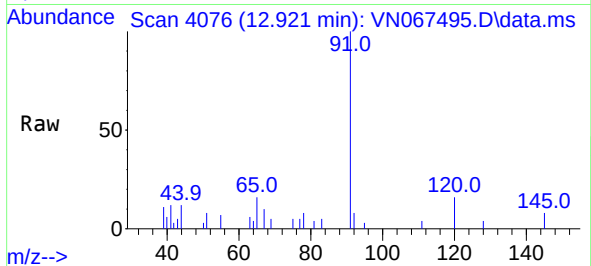




#78
n-propylbenzene
Concen: 0.385 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

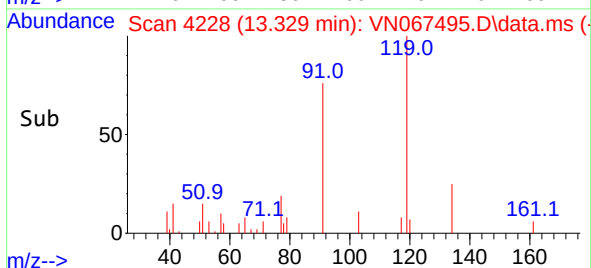
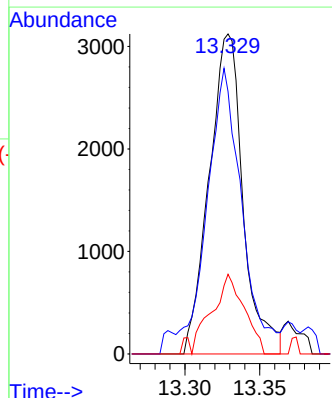
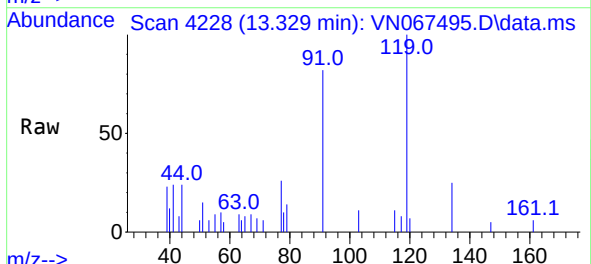
Instrument :
MSVOA_N
ClientSampled :
PW-2R

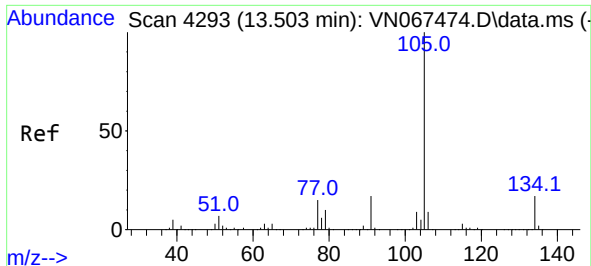
Tgt Ion: 91 Resp: 7786
Ion Ratio Lower Upper
91 100
120 15.8 10.4 31.4



#83
tert-Butylbenzene
Concen: 0.466 ug/l
RT: 13.329 min Scan# 4228
Delta R.T. 0.003 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

Tgt Ion: 119 Resp: 4933
Ion Ratio Lower Upper
119 100
91 80.8 39.5 118.5
134 23.8 12.0 36.0





#85
sec-Butylbenzene
Concen: 0.508 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067495.D
Acq: 24 Jun 2021 20:09

Instrument :
MSVOA_N
ClientSampleId :
PW-2R

Tgt Ion:105 Resp: 8050
Ion Ratio Lower Upper
105 100
134 17.5 9.0 27.1

