

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066125.D
 Acq On : 3 Mar 2021 15:23
 Operator : JC/MD
 Sample : M1507-08 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41116

Quant Time: Mar 04 02:16:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

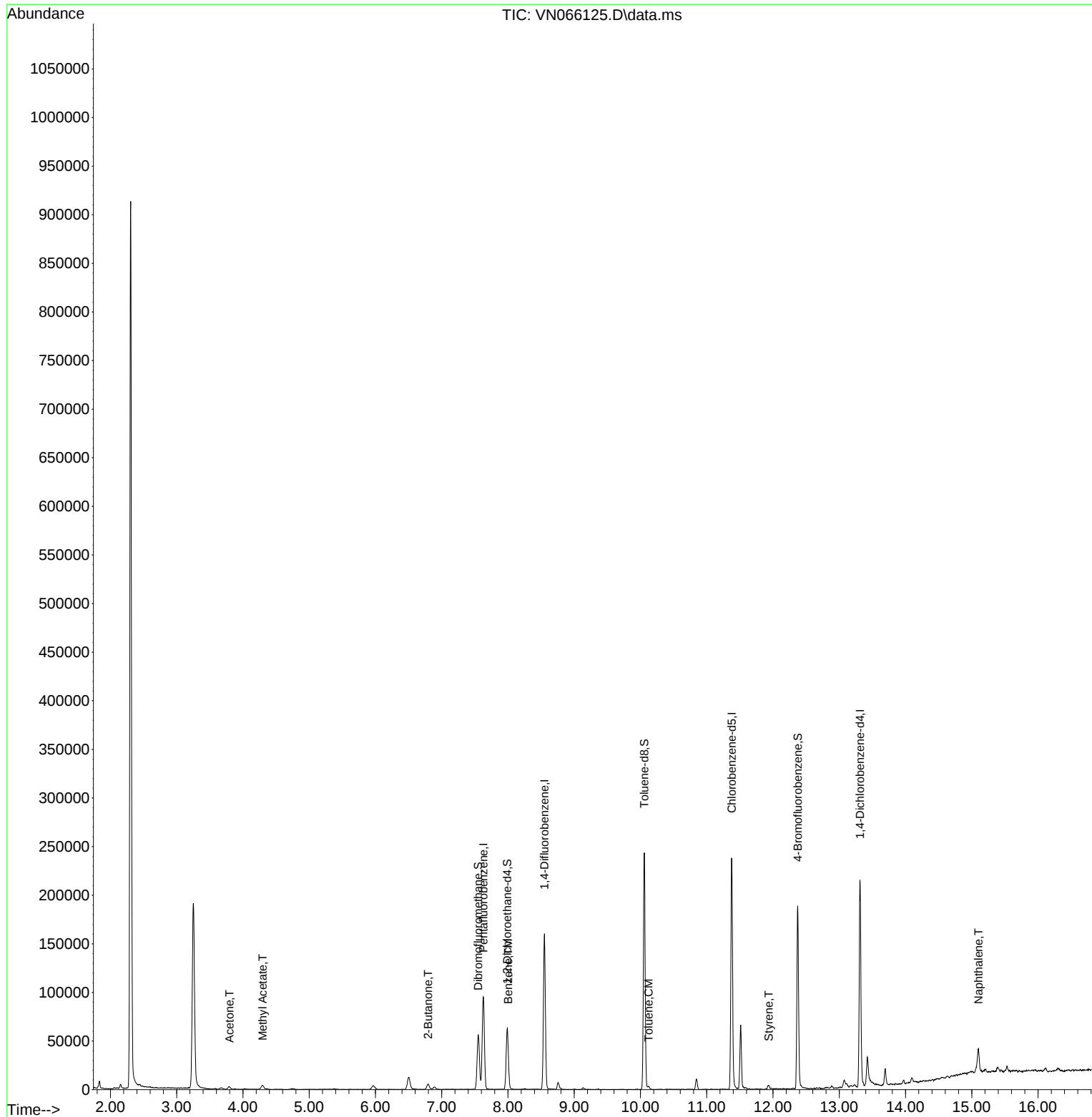
Internal Standards						
1) Pentafluorobenzene	7.627	168	77169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	143759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	145299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	60200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	57318	48.81	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.62%
35) Dibromofluoromethane	7.550	113	43731	48.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.06%
50) Toluene-d8	10.058	98	175520	49.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.00%
62) 4-Bromofluorobenzene	12.373	95	74315	54.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.84%
Target Compounds						
					Qvalue	
16) Acetone	3.798	43	4852	13.82	ug/l #	83
18) Methyl Acetate	4.296	43	7734	10.32	ug/l	97
25) 2-Butanone	6.795	43	9457	20.31	ug/l #	85
40) Benzene	8.004	78	2052	0.51	ug/l #	60
52) Toluene	10.122	92	1361	0.53	ug/l	81
70) Styrene	11.936	104	2261	0.70	ug/l	93
95) Naphthalene	15.100	128	22221	6.62	ug/l	99

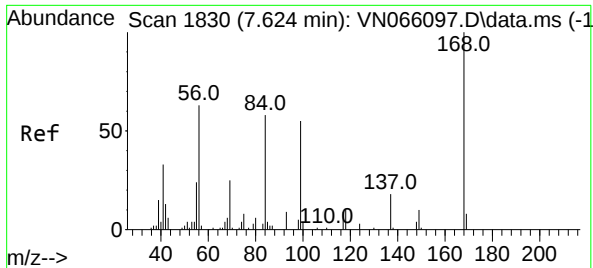
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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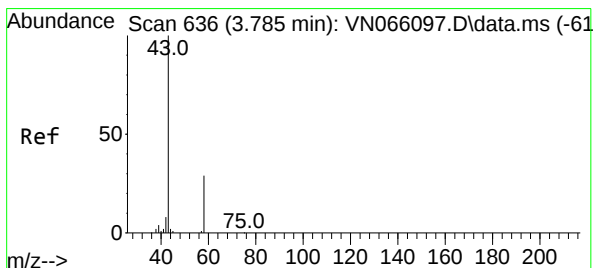
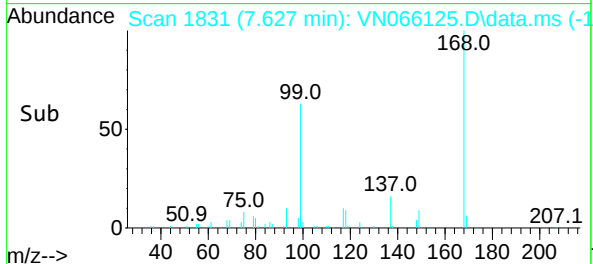
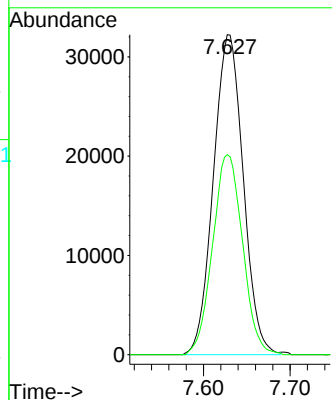
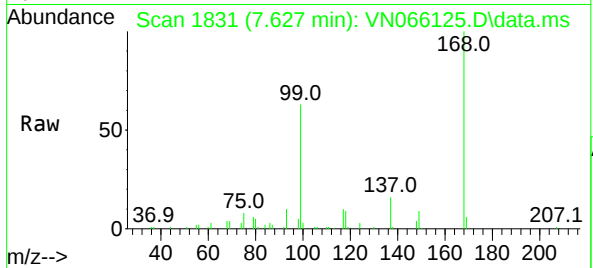




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

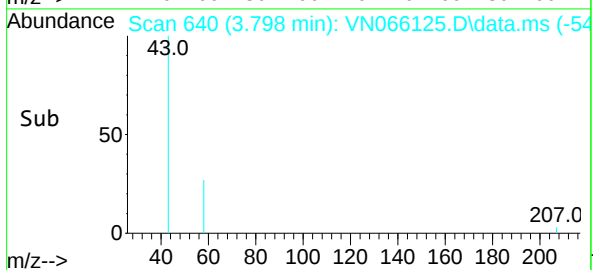
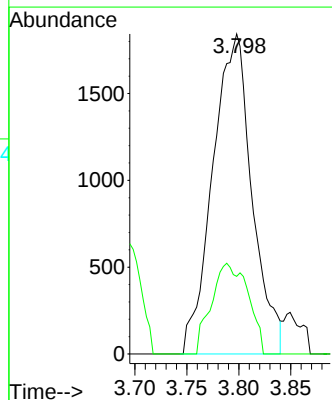
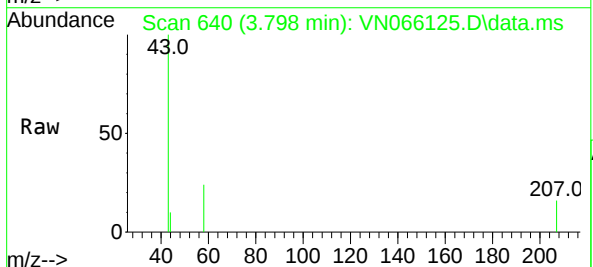
Instrument :
MSVOA_N
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41116

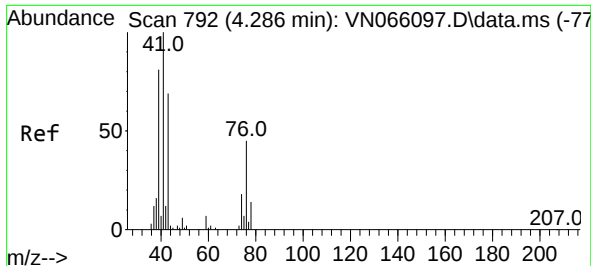
Tgt Ion:168 Resp: 77169
Ion Ratio Lower Upper
168 100
99 62.5 42.6 63.8



#16
Acetone
Concen: 13.82 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.013 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

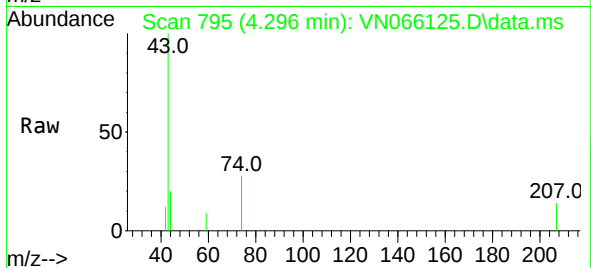
Tgt Ion: 43 Resp: 4852
Ion Ratio Lower Upper
43 100
58 24.3 27.0 40.6#



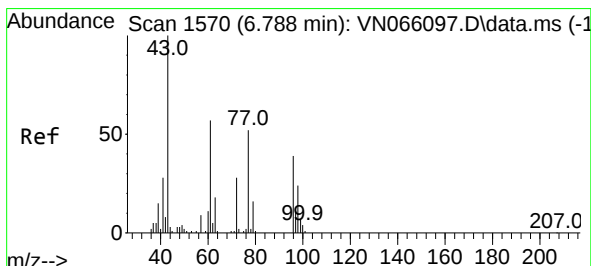
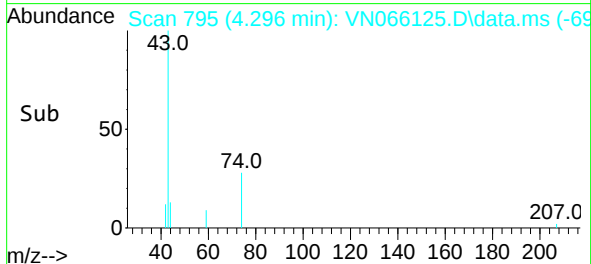
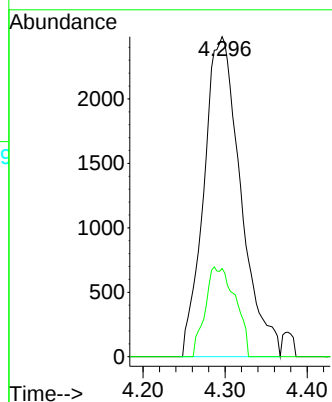


#18
Methyl Acetate
Concen: 10.32 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.010 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

Instrument :
MSVOA_N
ClientSampled :
41116

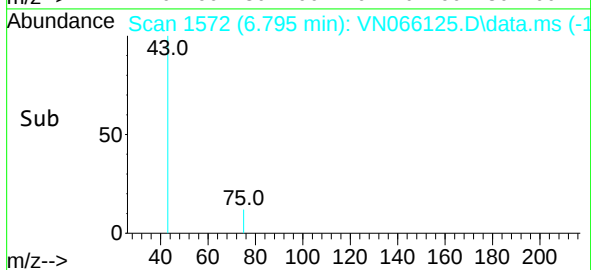
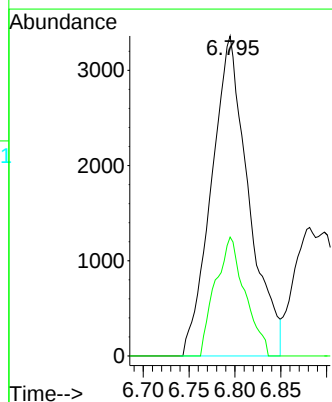
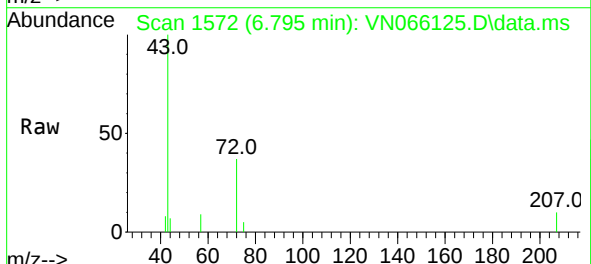


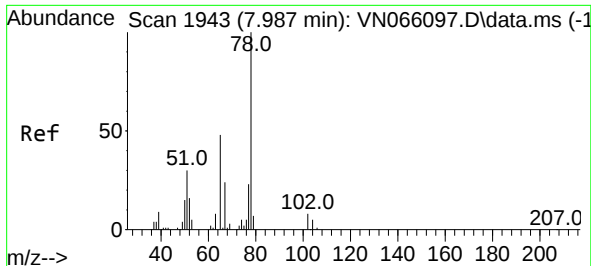
Tgt Ion: 43 Resp: 7734
Ion Ratio Lower Upper
43 100
74 22.8 19.5 29.3



#25
2-Butanone
Concen: 20.31 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. 0.007 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

Tgt Ion: 43 Resp: 9457
Ion Ratio Lower Upper
43 100
72 37.2 23.1 34.7#

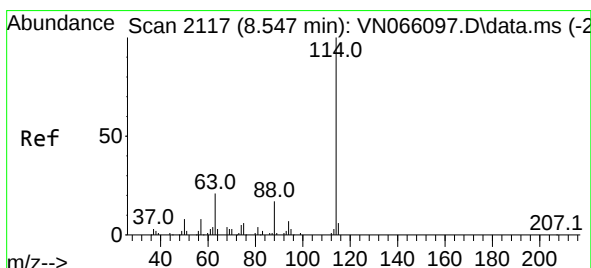
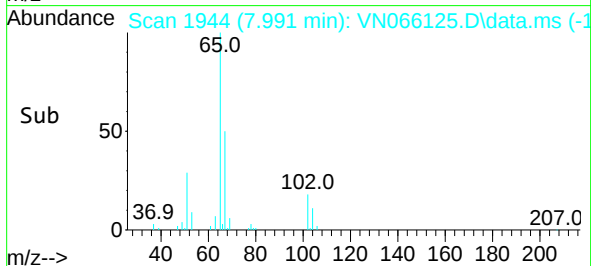
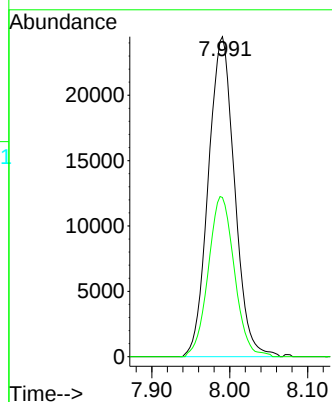
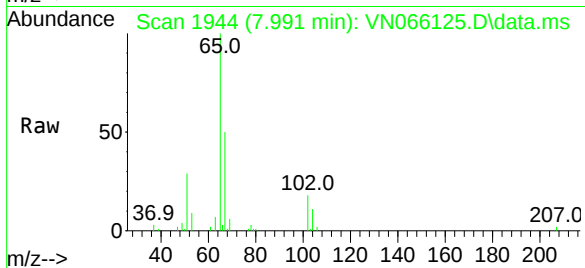




#33
1,2-Dichloroethane-d4
Concen: 48.81 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

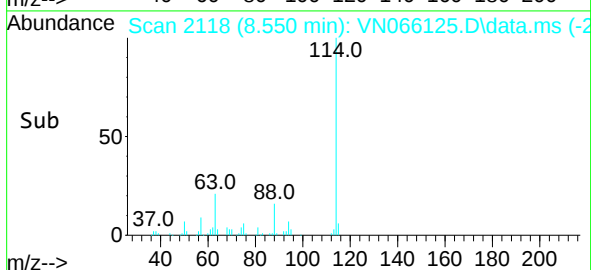
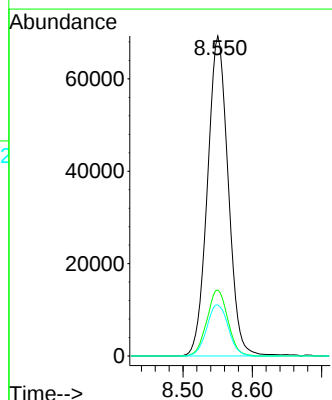
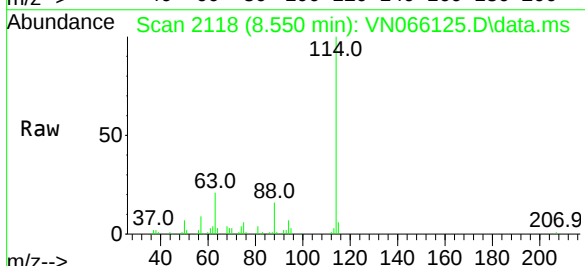
Instrument :
MSVOA_N
ClientSampleId :
41116

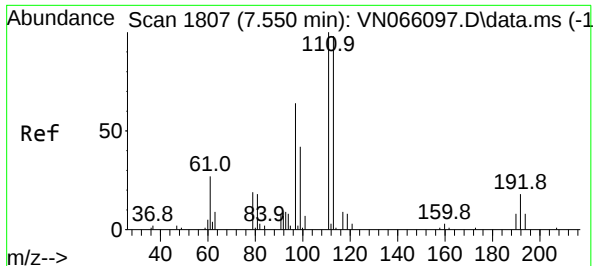
Tgt Ion: 65 Resp: 57318
Ion Ratio Lower Upper
65 100
67 49.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

Tgt Ion: 114 Resp: 143759
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 15.9 0.0 30.6

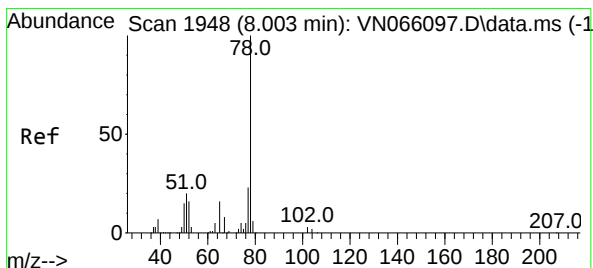
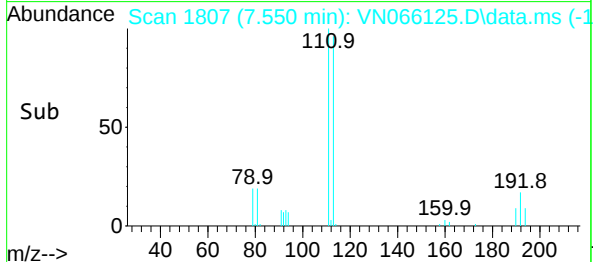
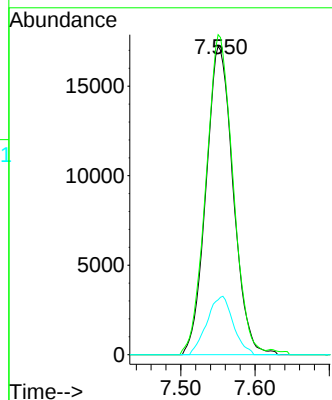
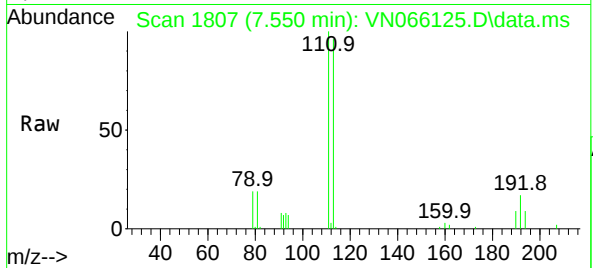




#35
Dibromofluoromethane
Concen: 48.03 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

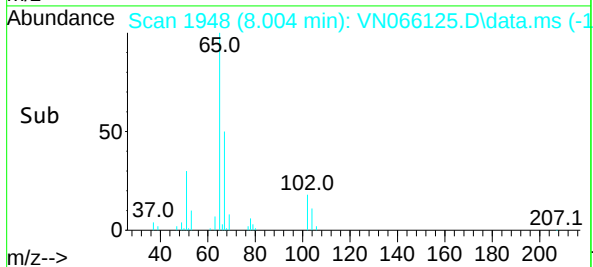
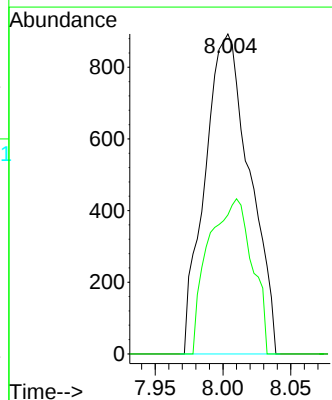
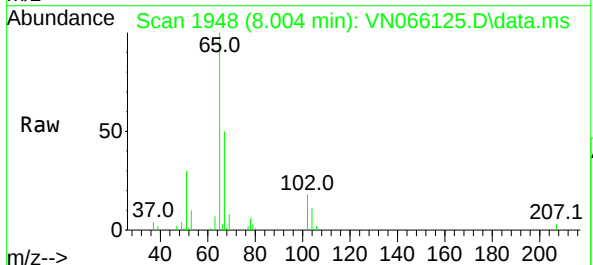
Instrument :
MSVOA_N
ClientSampleId :
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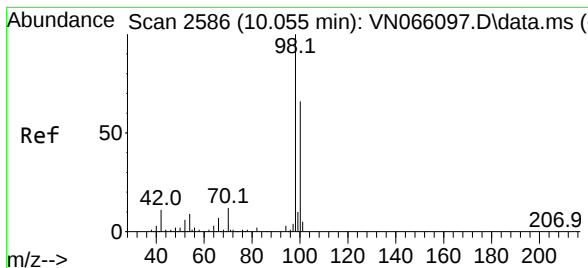
Tgt Ion:113 Resp: 43731
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.3 15.4 23.0



#40
Benzene
Concen: 0.51 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

Tgt Ion: 78 Resp: 2052
Ion Ratio Lower Upper
78 100
77 43.4 19.0 28.4#

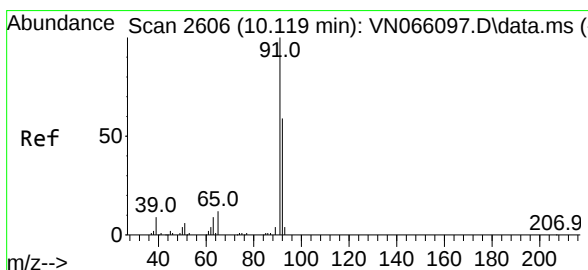
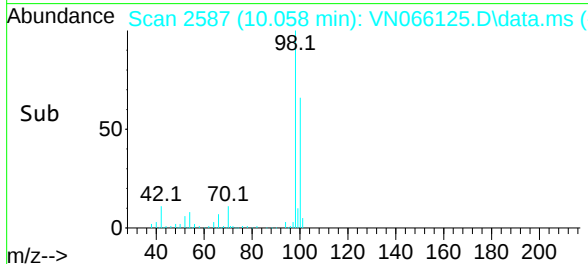
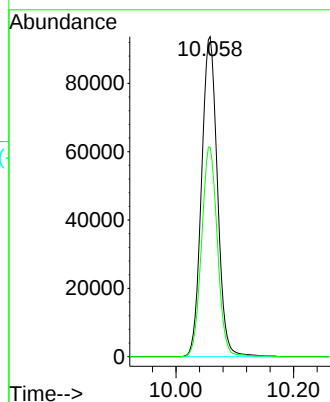
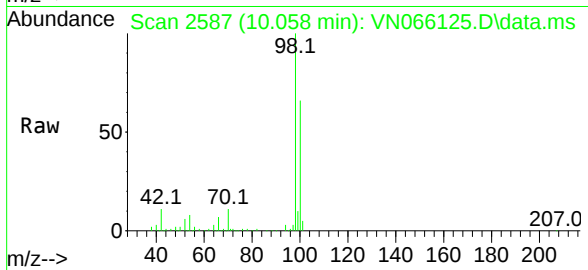




#50
Toluene-d8
Concen: 49.50 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.003 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

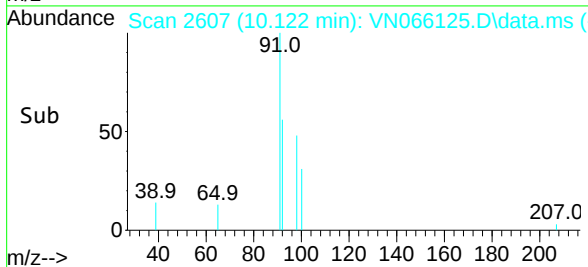
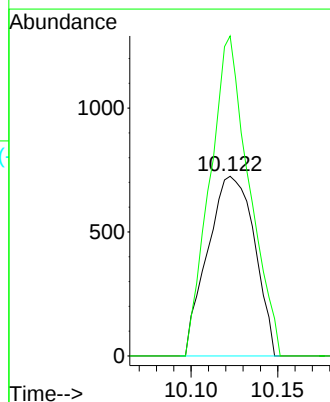
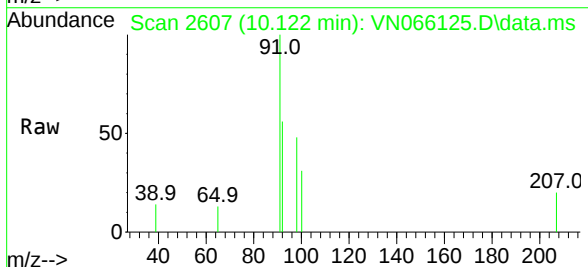
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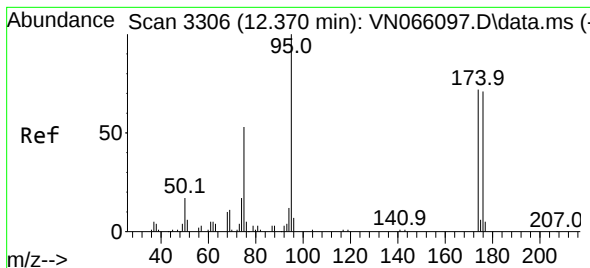
Tgt Ion: 98 Resp: 175520
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7



#52
Toluene
Concen: 0.53 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

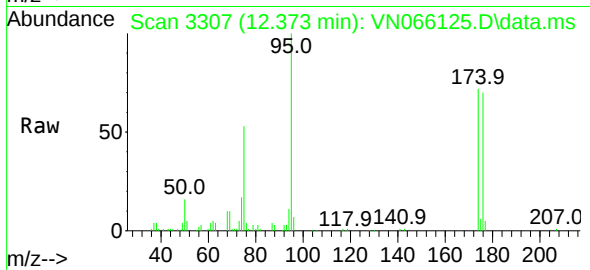
Tgt Ion: 92 Resp: 1361
Ion Ratio Lower Upper
92 100
91 149.4 140.7 211.1



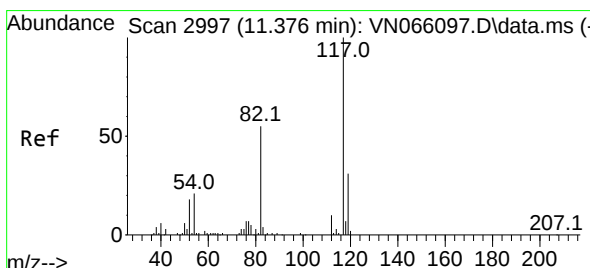
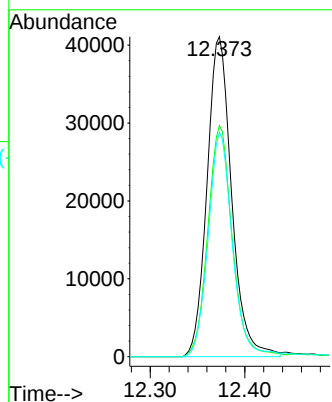
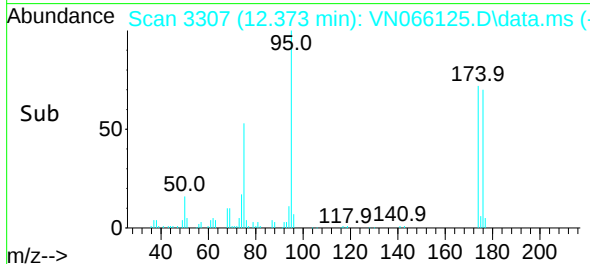


#62
4-Bromofluorobenzene
Concen: 54.42 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

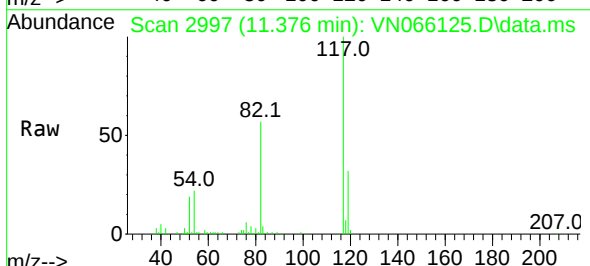
Instrument :
MSVOA_N
ClientSampleId :
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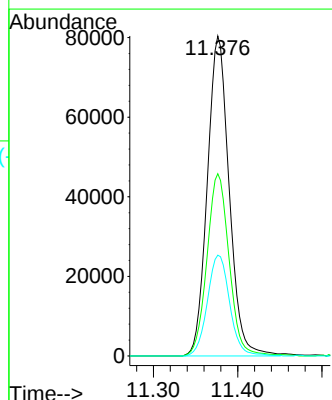
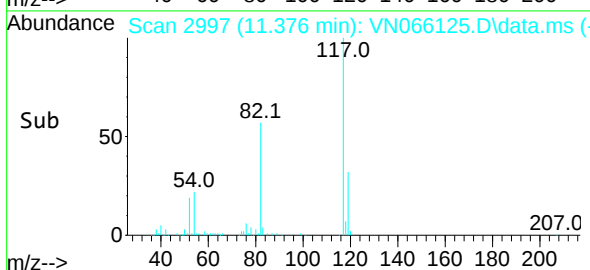
Tgt Ion: 95 Resp: 74315
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 69.2 0.0 162.4

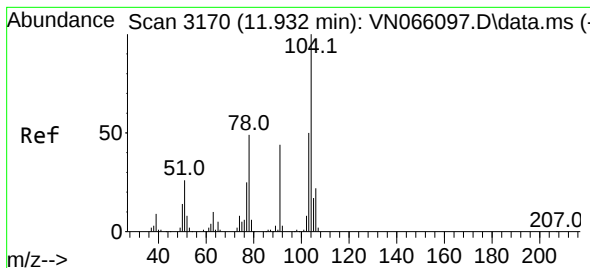


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23



Tgt Ion: 117 Resp: 145299
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 31.5 26.1 39.1





#70

Styrene

Concen: 0.70 ug/l

RT: 11.936 min Scan# 3171

Delta R.T. 0.004 min

Lab File: VN066125.D

Acq: 3 Mar 2021 15:23

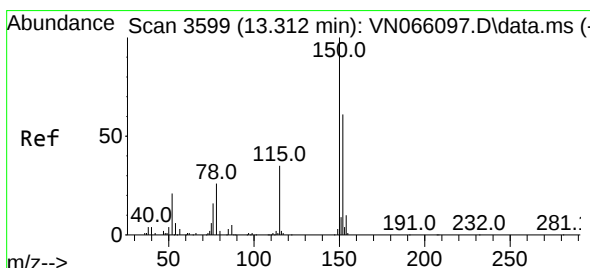
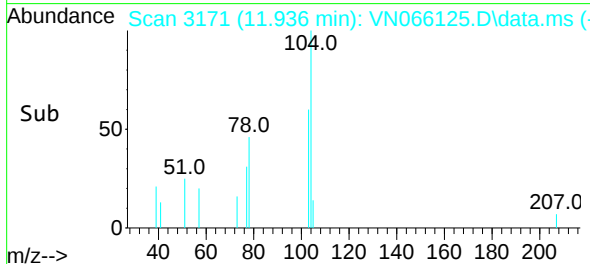
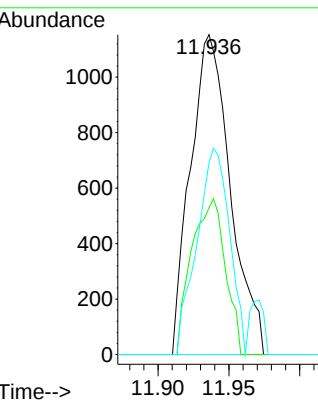
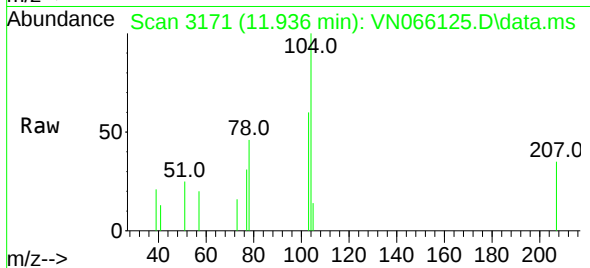
Instrument :

MSVOA_N

ClientSampleId :

41116

Tgt Ion:104	Resp:	2261
Ion Ratio	Lower	Upper
104	100	
78	41.1	39.0 58.4
103	52.7	44.5 66.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

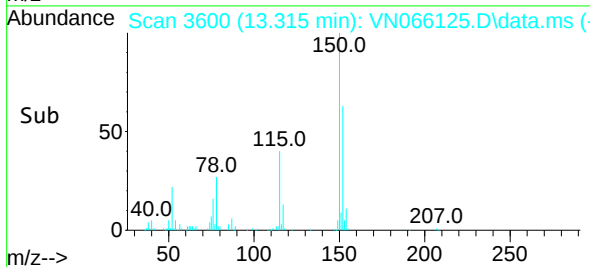
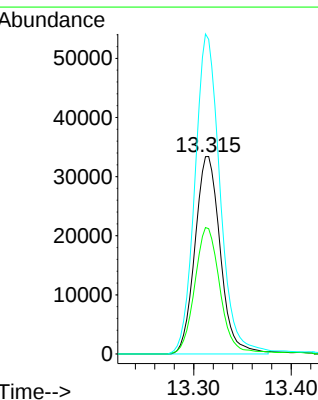
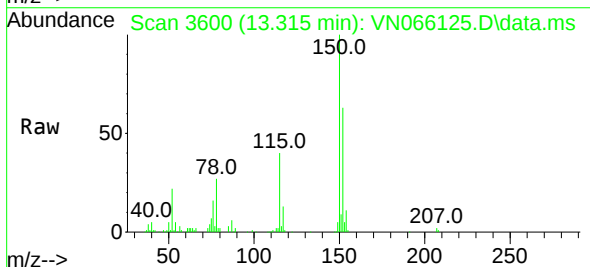
RT: 13.315 min Scan# 3600

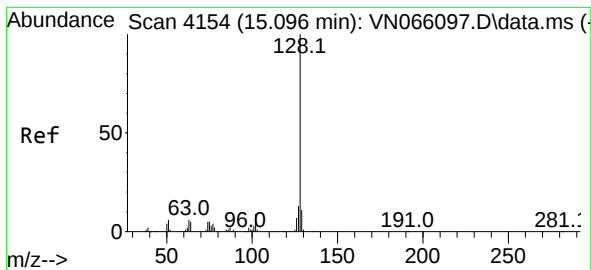
Delta R.T. 0.003 min

Lab File: VN066125.D

Acq: 3 Mar 2021 15:23

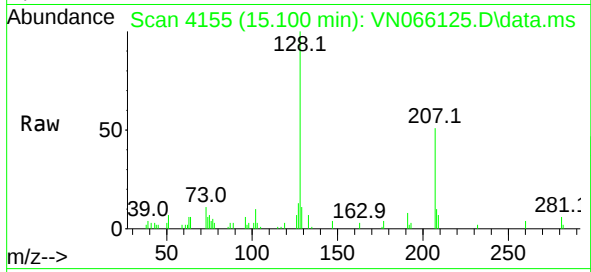
Tgt Ion:152	Resp:	60200
Ion Ratio	Lower	Upper
152	100	
115	64.4	28.5 85.6
150	162.5	0.0 347.6





#95
Naphthalene
Concen: 6.62 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066125.D
Acq: 3 Mar 2021 15:23

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 22221
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.1 8.6 13.0

