

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066085.D
 Acq On : 1 Mar 2021 18:40
 Operator : JC/MD
 Sample : M1488-06DL 4000X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41697DL

Quant Time: Mar 01 21:45:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

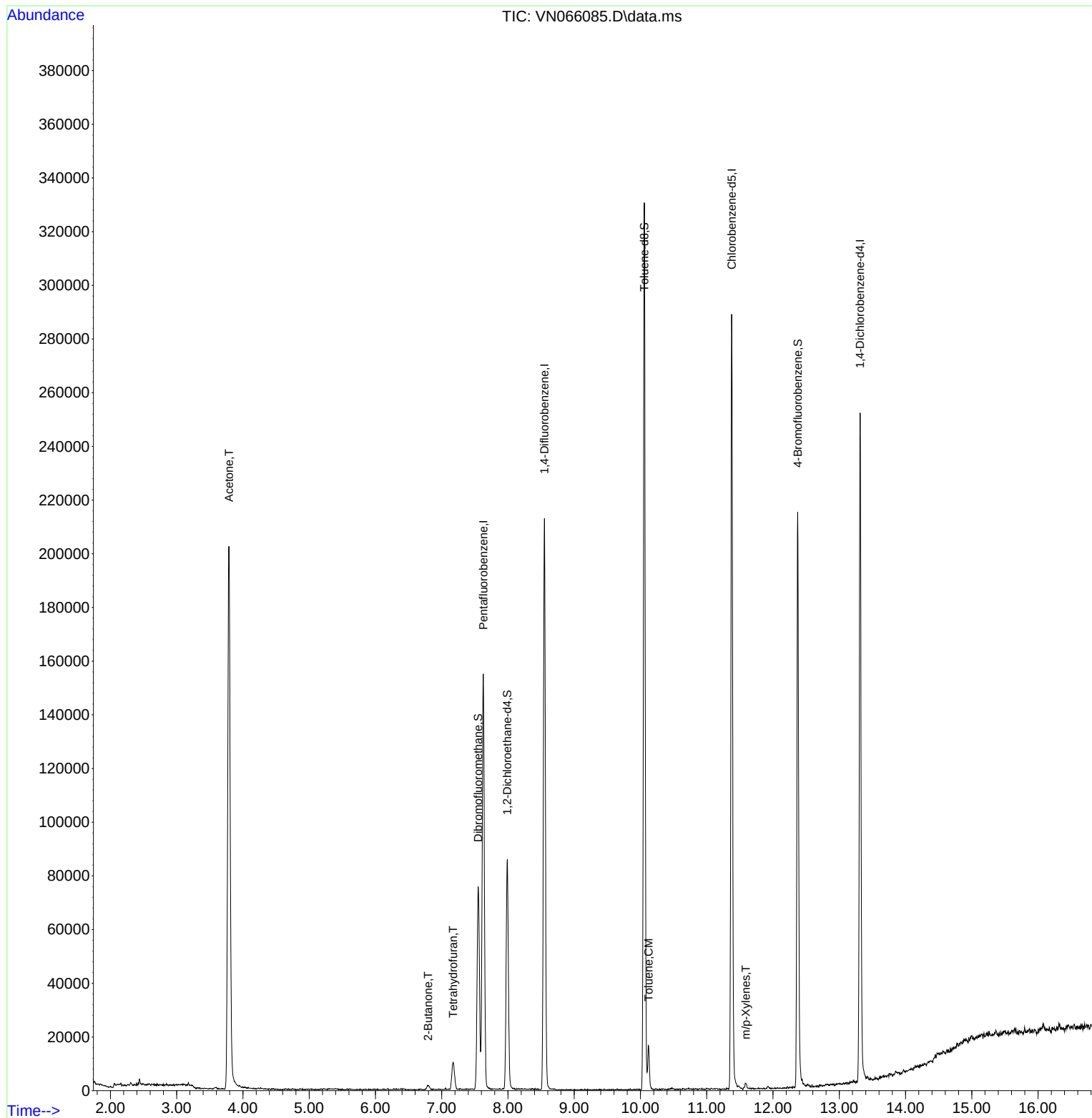
Internal Standards						
1) Pentafluorobenzene	7.627	168	121606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	193130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	176110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	73496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	81543	47.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.90%		
35) Dibromofluoromethane	7.550	113	59127	49.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.94%		
50) Toluene-d8	10.058	98	233717	47.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.26%		
62) 4-Bromofluorobenzene	12.373	95	85806	46.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.18%		
Target Compounds						
						Qvalue
16) Acetone	3.788	43	345673	649.65	ug/l	94
25) 2-Butanone	6.795	43	3314	3.94	ug/l #	88
29) Tetrahydrofuran	7.174	42	8478	14.63	ug/l	95
52) Toluene	10.122	92	6783	1.89	ug/l	99
68) m/p-Xylenes	11.592	106	795	0.32	ug/l #	73

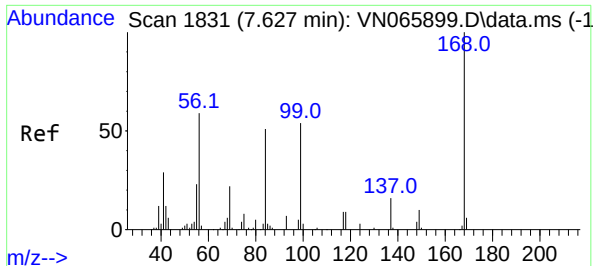
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

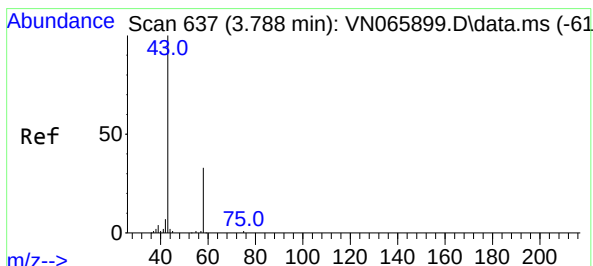
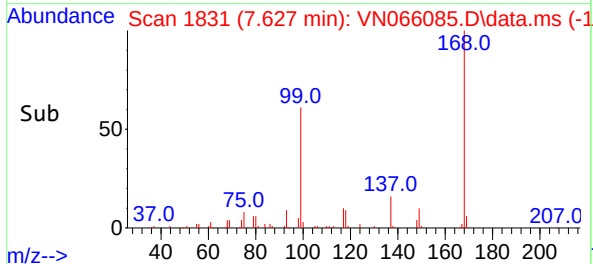
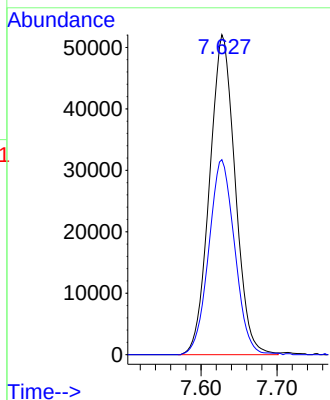
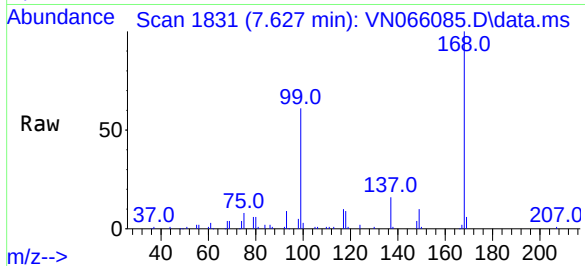




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

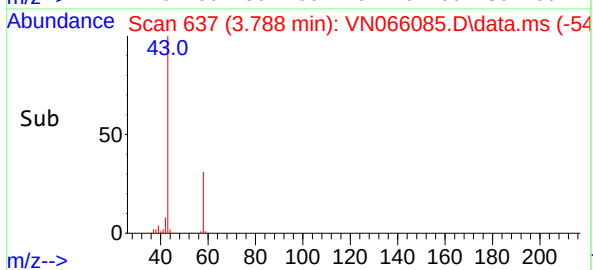
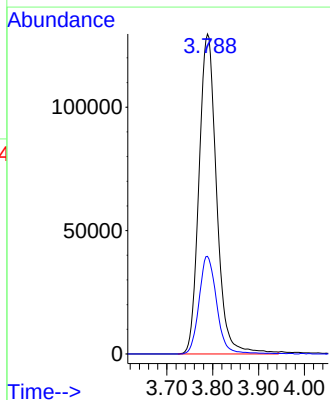
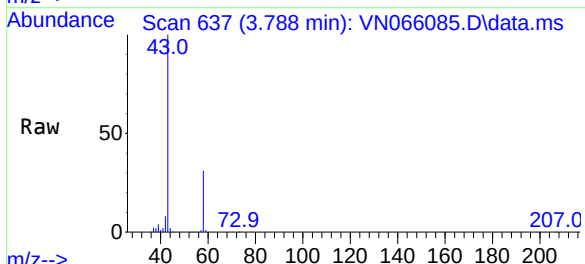
Instrument :
MSVOA_N
ClientSampled :
41697DL

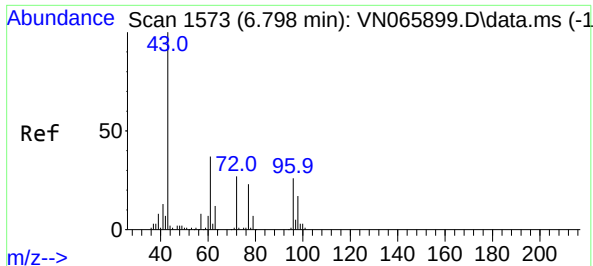
Tgt Ion:168 Resp: 121606
Ion Ratio Lower Upper
168 100
99 60.9 42.6 63.8



#16
Acetone
Concen: 649.65 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 43 Resp: 345673
Ion Ratio Lower Upper
43 100
58 30.5 27.0 40.6

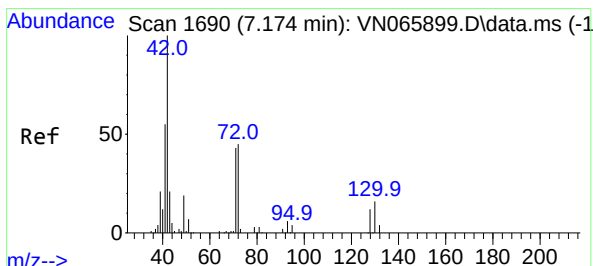
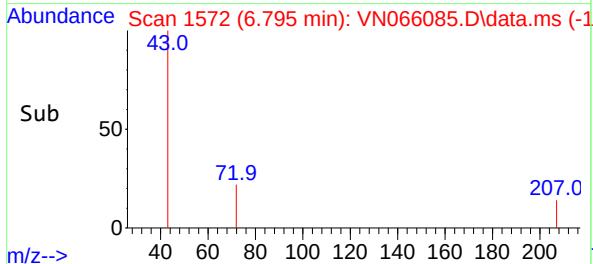
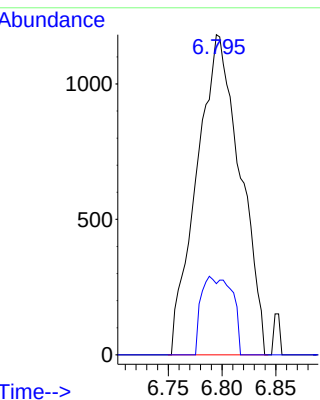
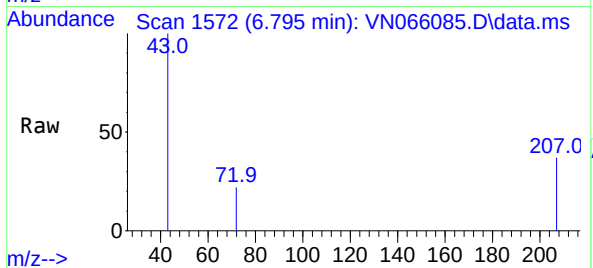




#25
2-Butanone
Concen: 3.94 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

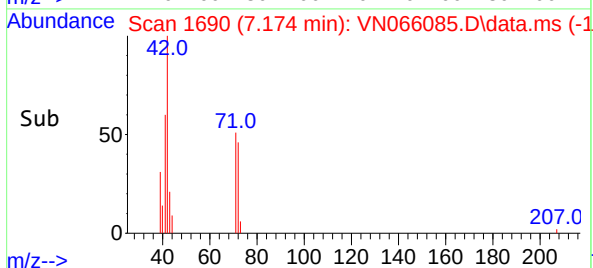
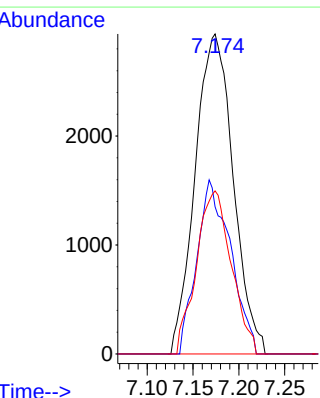
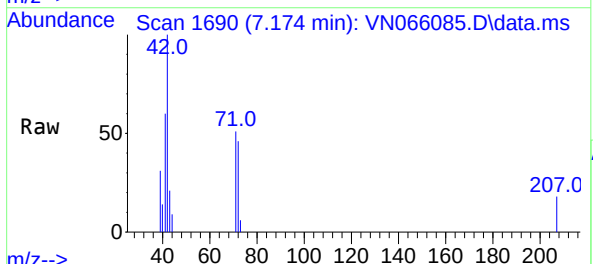
Instrument :
MSVOA_N
ClientSampled :
41697DL

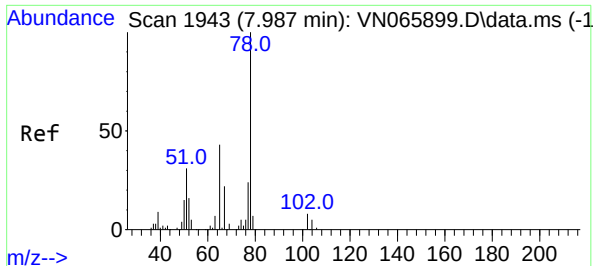
Tgt Ion: 43 Resp: 3314
Ion Ratio Lower Upper
43 100
72 22.3 23.1 34.7#



#29
Tetrahydrofuran
Concen: 14.63 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 42 Resp: 8478
Ion Ratio Lower Upper
42 100
72 48.2 36.6 55.0
71 46.8 34.3 51.5

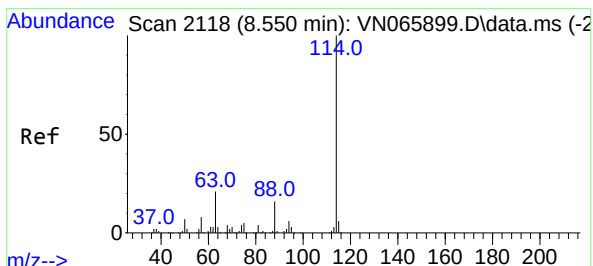
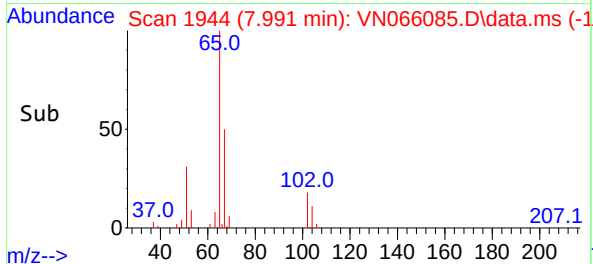
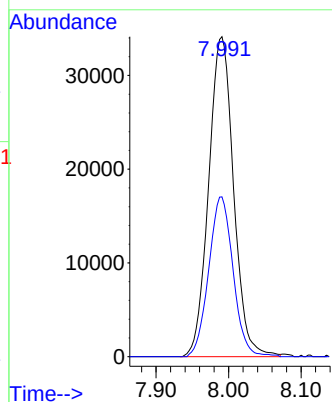
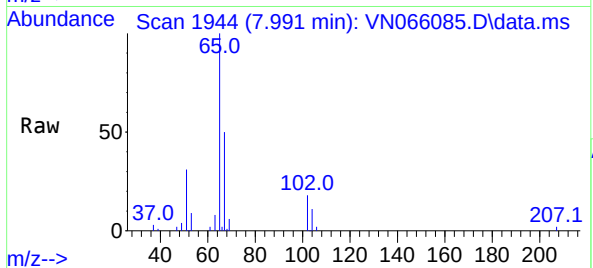




#33
1,2-Dichloroethane-d4
Concen: 47.95 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

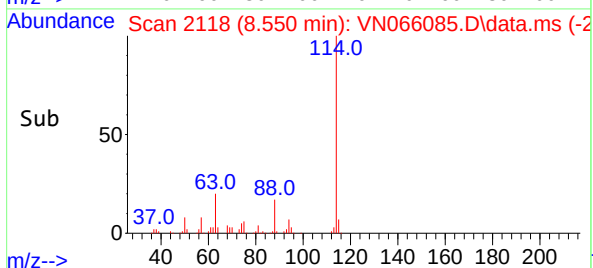
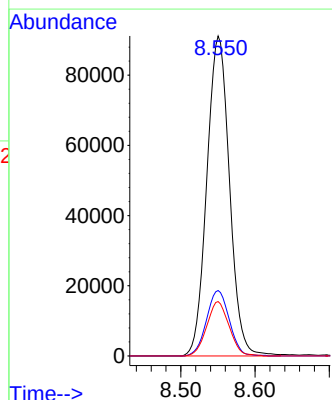
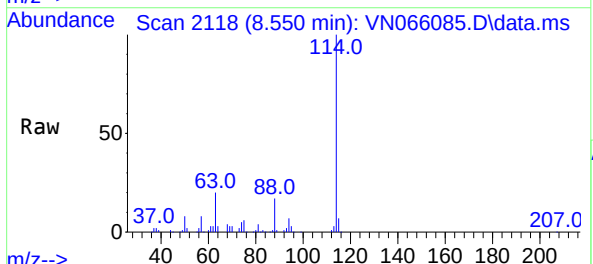
Tgt Ion: 65 Resp: 81543
Ion Ratio Lower Upper
65 100
67 48.9 0.0 107.2

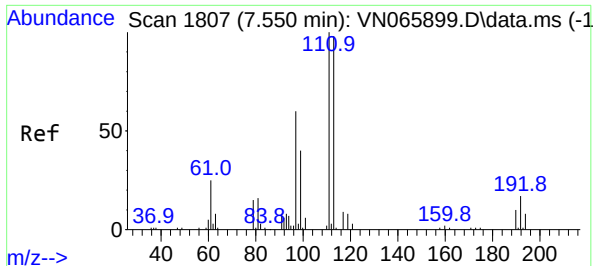
Instrument :
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ClientSampled :
41697DL



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion:114 Resp: 193130
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.47 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN066085.D

Acq: 1 Mar 2021 18:40

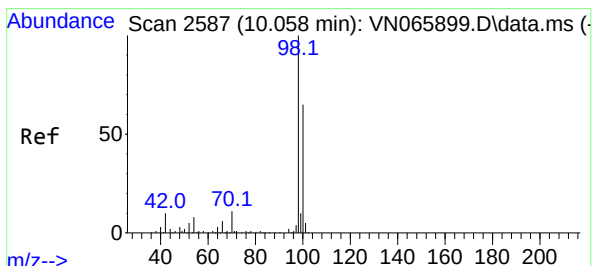
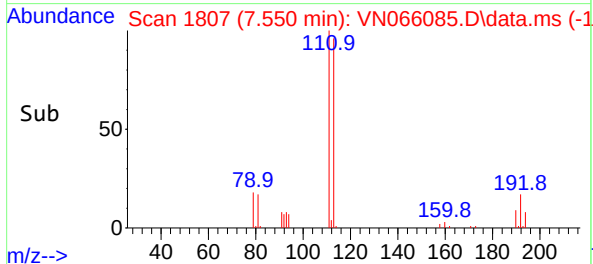
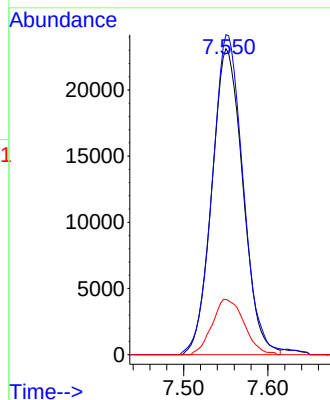
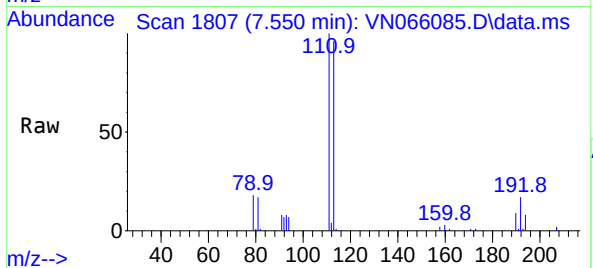
Tgt Ion:113 Resp: 59127

Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.2

192 18.6 15.4 23.0



#50

Toluene-d8

Concen: 47.63 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN066085.D

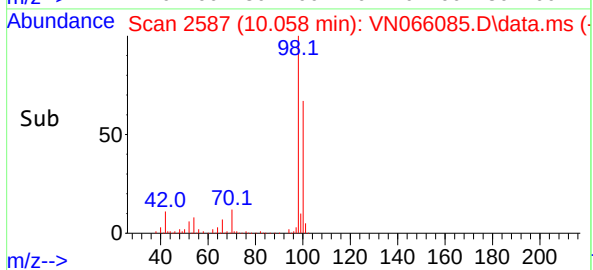
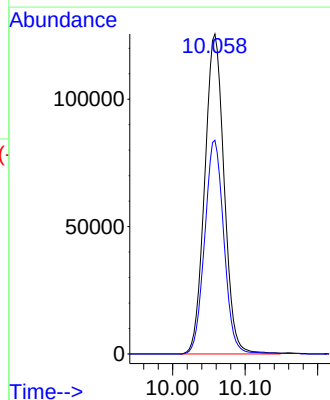
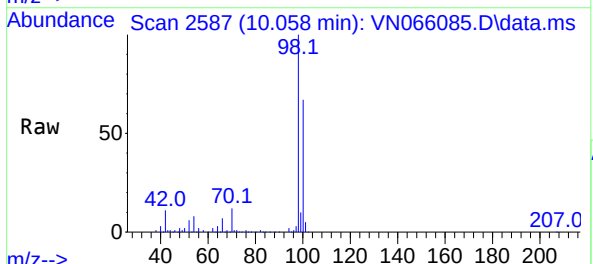
Acq: 1 Mar 2021 18:40

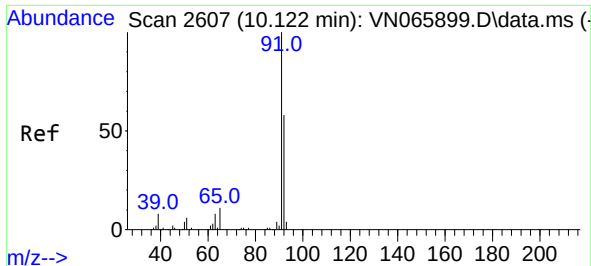
Tgt Ion: 98 Resp: 233717

Ion Ratio Lower Upper

98 100

100 66.2 50.5 75.7

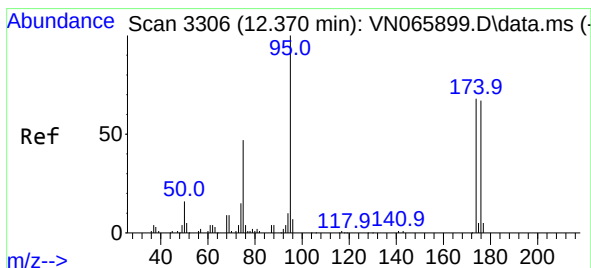
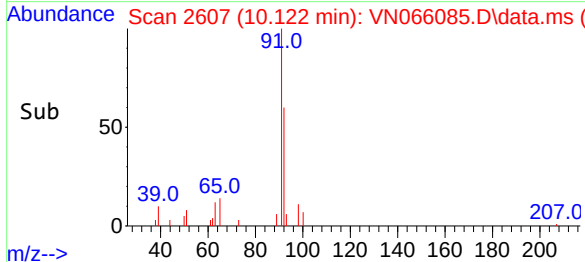
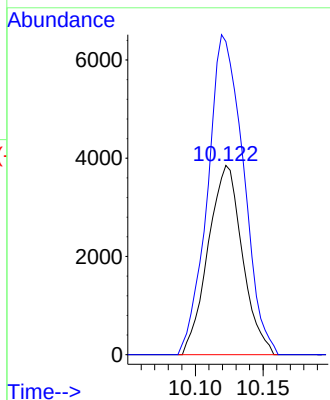
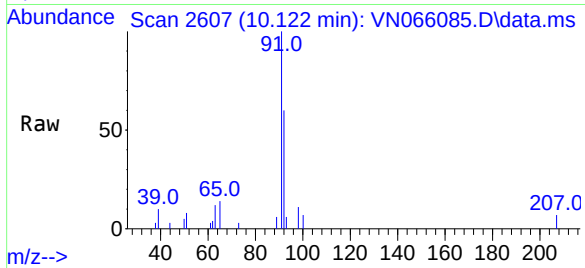




#52
Toluene
Concen: 1.89 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

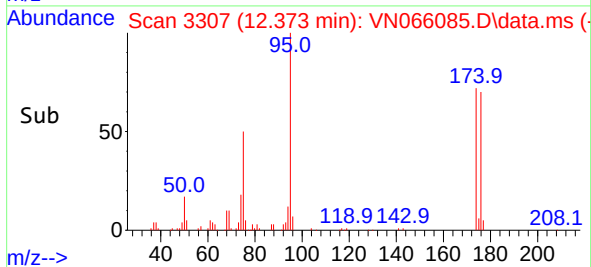
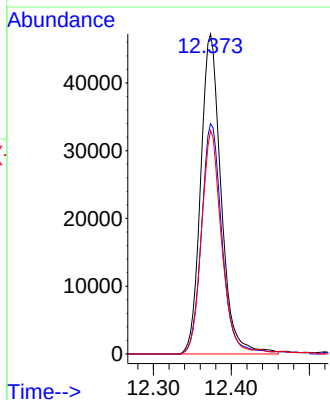
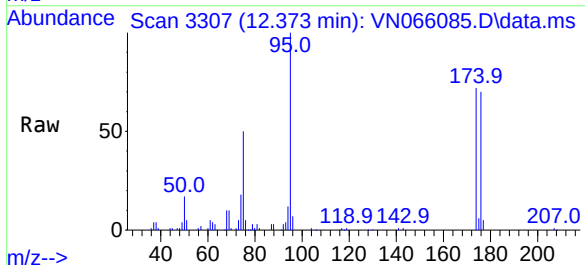
Instrument :
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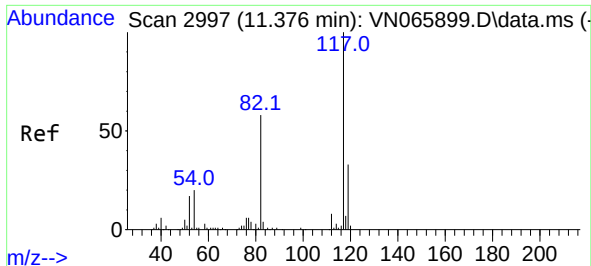
Tgt Ion: 92 Resp: 6783
Ion Ratio Lower Upper
92 100
91 176.7 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 46.59 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

Tgt Ion: 95 Resp: 85806
Ion Ratio Lower Upper
95 100
174 72.3 0.0 169.0
176 68.2 0.0 162.4

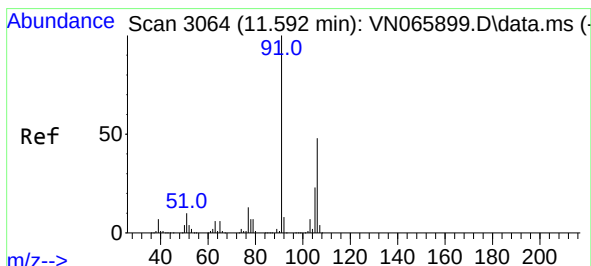
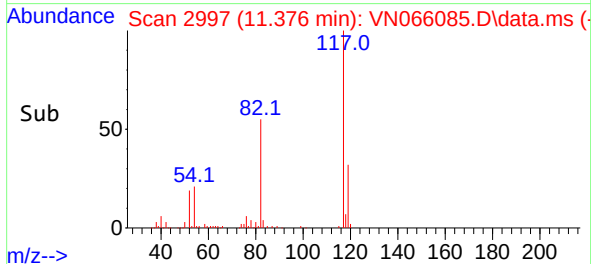
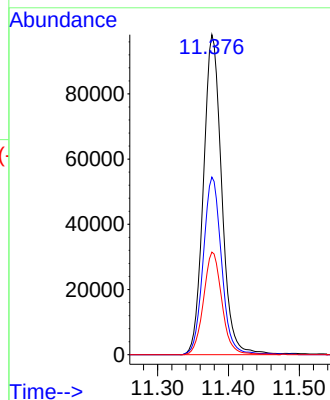
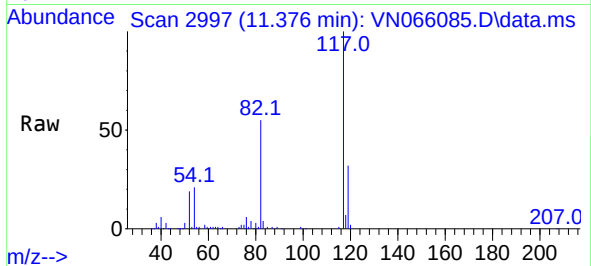




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

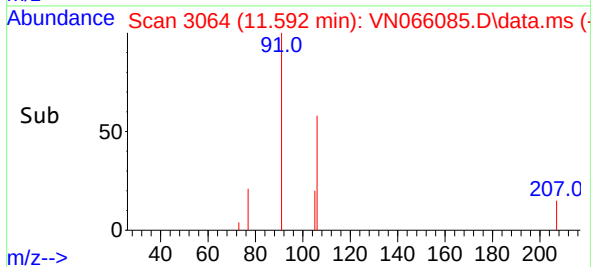
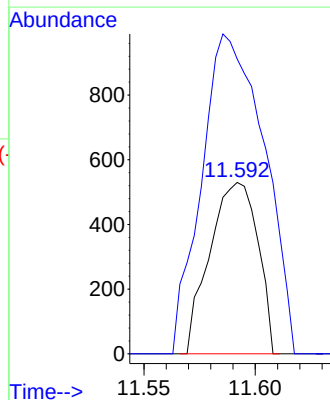
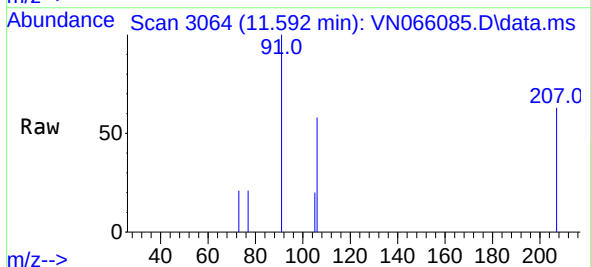
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41697DL

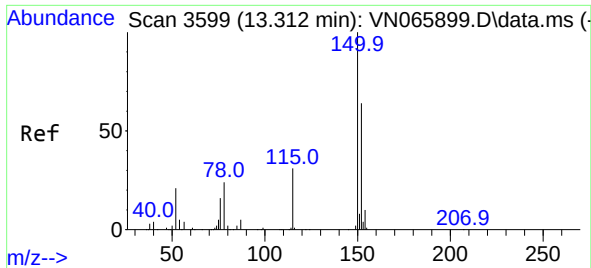
Tgt Ion:117 Resp: 176110
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 32.0 26.1 39.1



#68
m/p-Xylenes
Concen: 0.32 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN066085.D
Acq: 1 Mar 2021 18:40

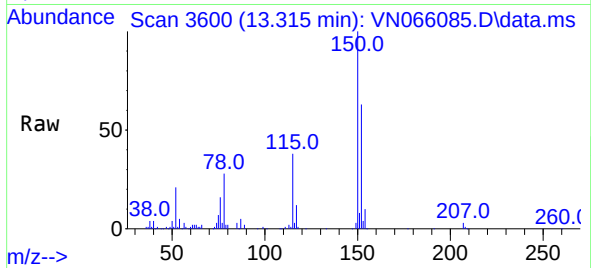
Tgt Ion:106 Resp: 795
Ion Ratio Lower Upper
106 100
91 243.1 161.4 242.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066085.D
 Acq: 1 Mar 2021 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 41697DL



Tgt Ion:	152	Resp:	73496
Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.5	85.6
150	157.3	0.0	347.6

