

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066089.D
 Acq On : 1 Mar 2021 20:15
 Operator : JC/MD
 Sample : M1488-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41701

Quant Time: Mar 01 21:47:24 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)

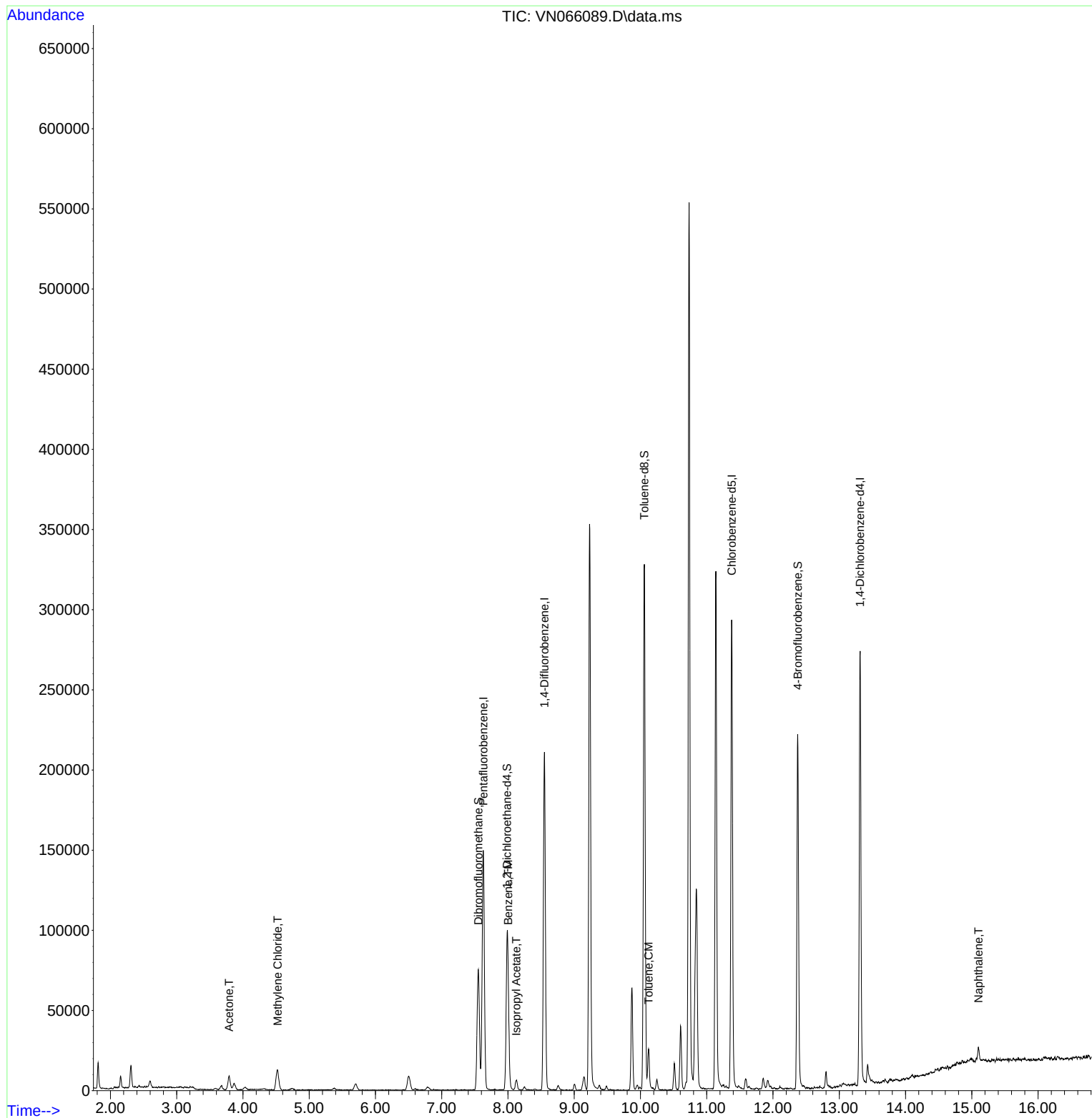
Internal Standards						
1) Pentafluorobenzene	7.627	168	118634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	192590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	175651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	78543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	81277	48.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.98%
35) Dibromofluoromethane	7.553	113	59384	49.82	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.64%
50) Toluene-d8	10.058	98	238370	48.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.44%
62) 4-Bromofluorobenzene	12.373	95	87471	47.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.24%
Target Compounds						
						Qvalue
16) Acetone	3.791	43	14964	27.28	ug/l	98
20) Methylene Chloride	4.525	84	10248	6.66	ug/l	97
40) Benzene	8.003	78	22770	3.91	ug/l	95
43) Isopropyl Acetate	8.126	43	7375	2.70	ug/l #	91
52) Toluene	10.122	92	10968	3.07	ug/l	94
95) Naphthalene	15.100	128	7548	4.61	ug/l	98

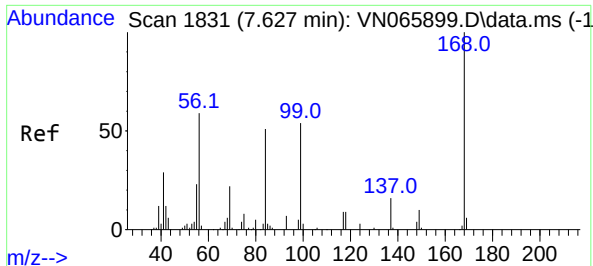
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

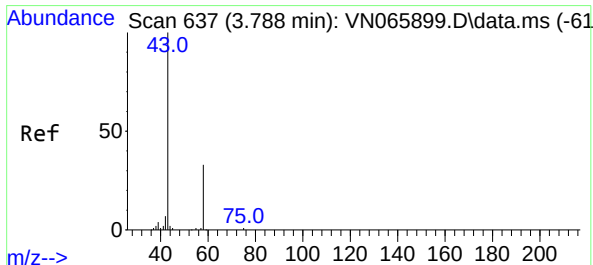
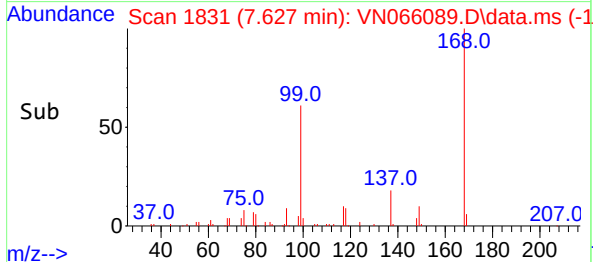
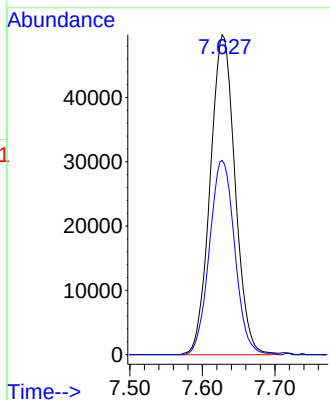
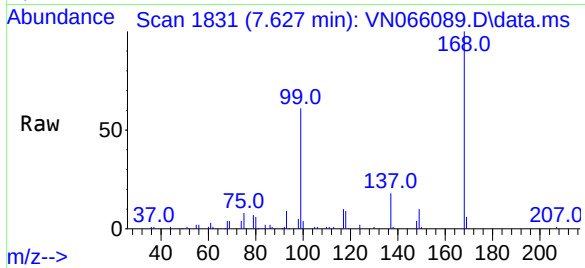




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

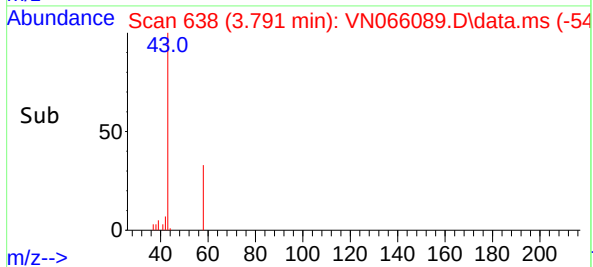
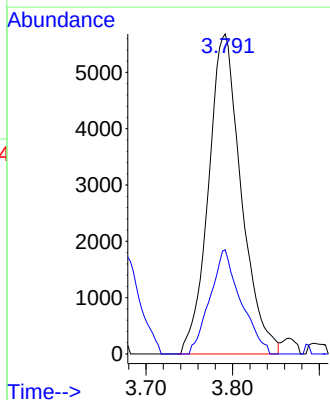
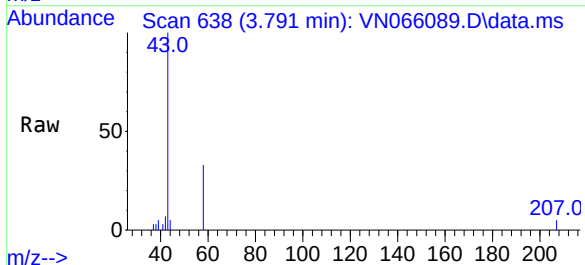
Instrument :
MSVOA_N
ClientSampled :
41701

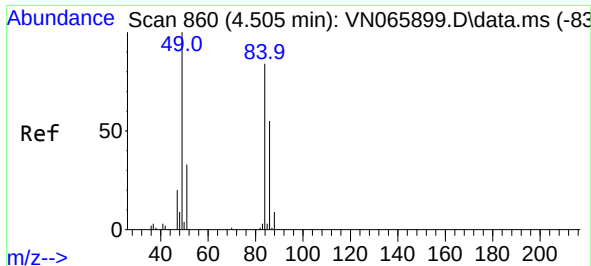
Tgt Ion:168 Resp: 118634
Ion Ratio Lower Upper
168 100
99 60.7 42.6 63.8



#16
Acetone
Concen: 27.28 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

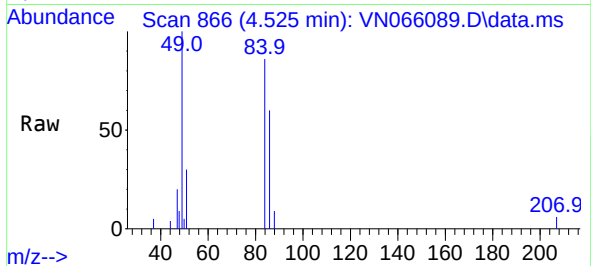
Tgt Ion: 43 Resp: 14964
Ion Ratio Lower Upper
43 100
58 32.6 27.0 40.6



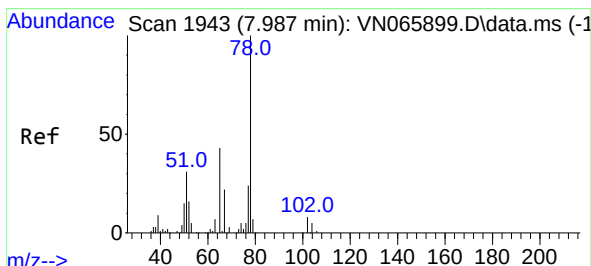
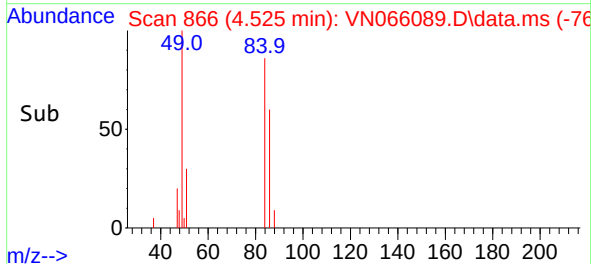
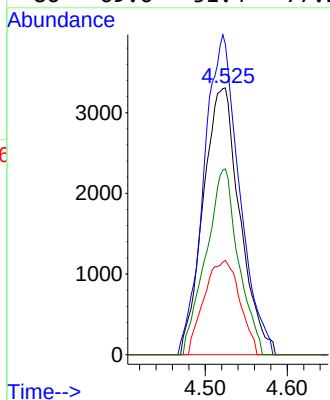


#20
Methylene Chloride
Concen: 6.66 ug/l
RT: 4.525 min Scan# 866
Delta R.T. 0.020 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Instrument :
MSVOA_N
ClientSampleId :
41701

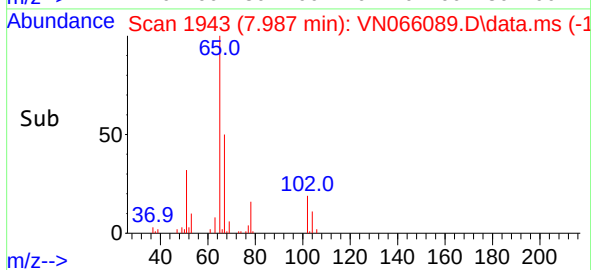
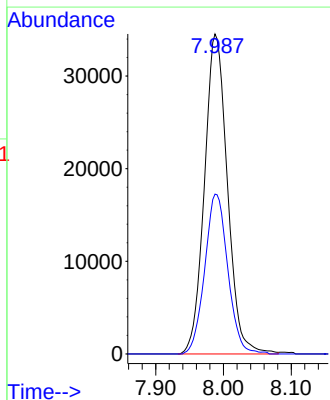
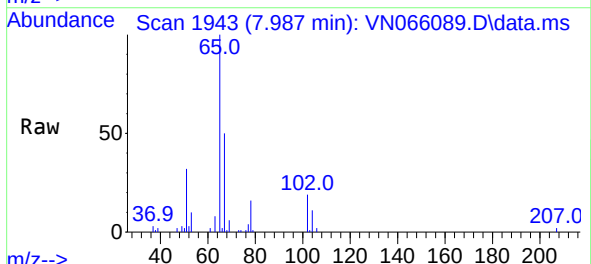


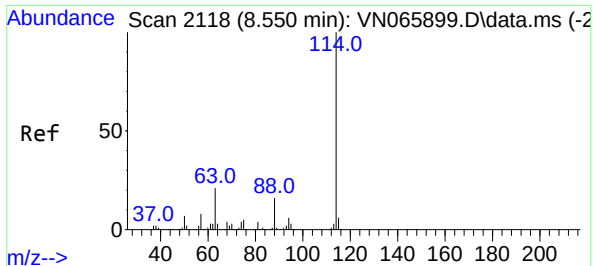
Tgt Ion:	84	Resp:	10248
Ion	Ratio	Lower	Upper
84	100		
49	116.4	94.6	141.8
51	35.3	29.9	44.9
86	69.6	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 48.99 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Tgt Ion:	65	Resp:	81277
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	107.2



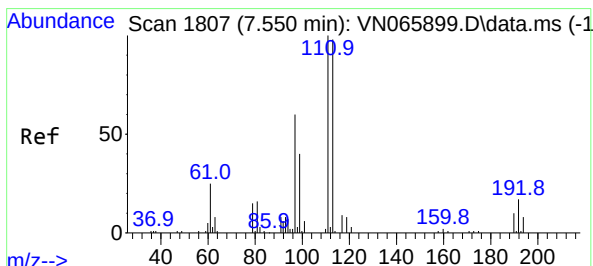
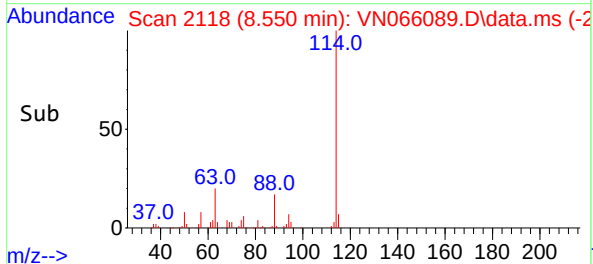
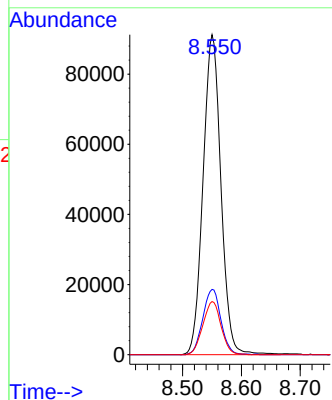
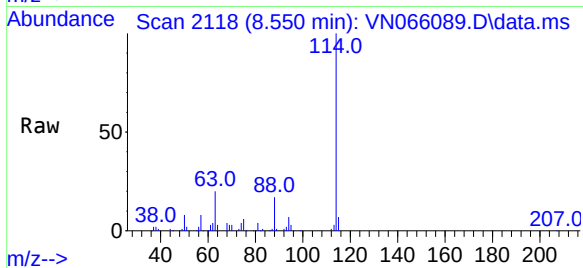


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Instrument :
MSVOA_N
ClientSampled :
41701

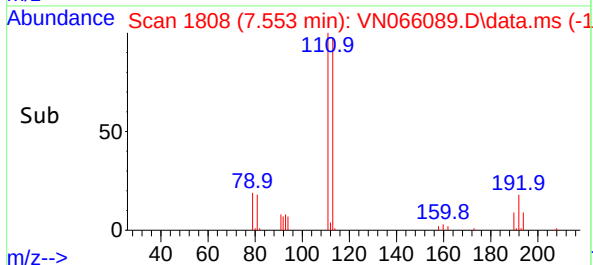
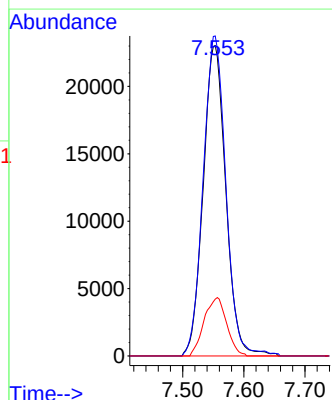
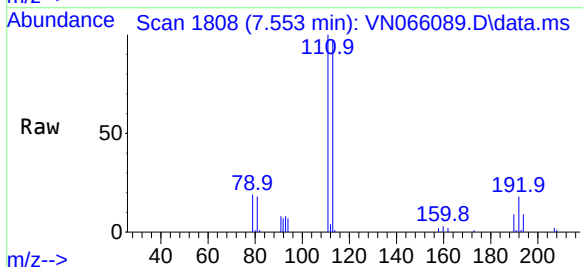
Tgt Ion:114 Resp: 192590
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 16.6 0.0 30.6

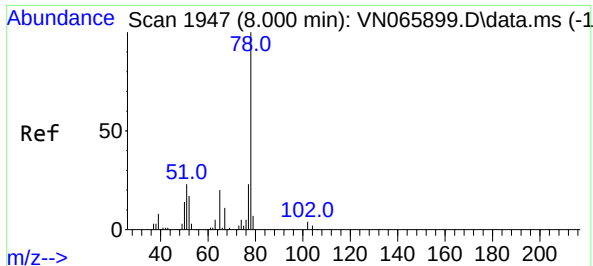


#35

Dibromofluoromethane
Concen: 49.82 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Tgt Ion:113 Resp: 59384
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.7 15.4 23.0

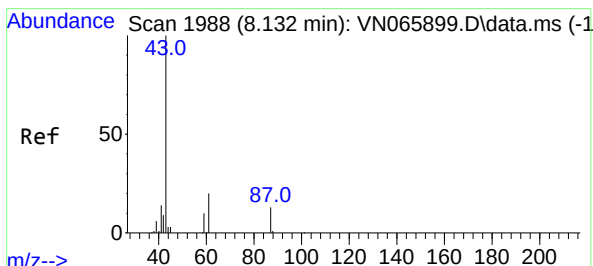
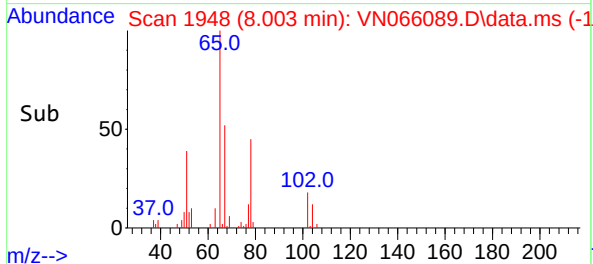
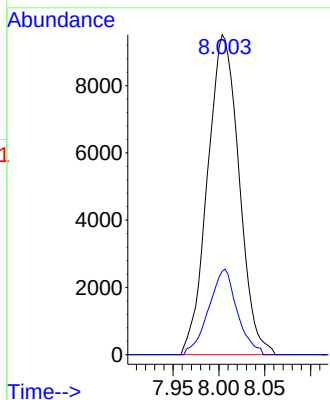
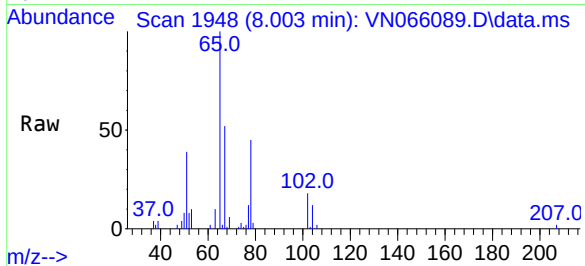




#40
Benzene
Concen: 3.91 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

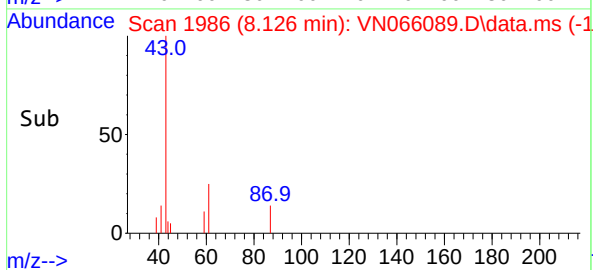
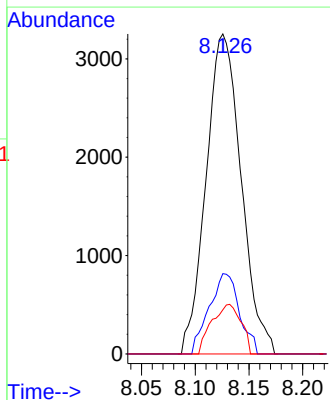
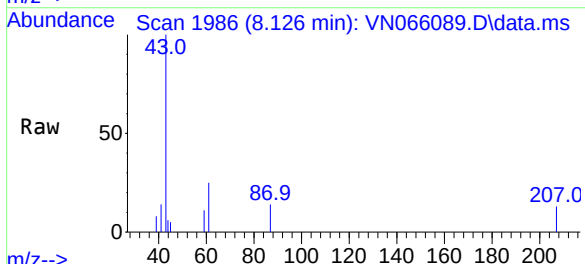
Instrument :
MSVOA_N
ClientSampled :
41701

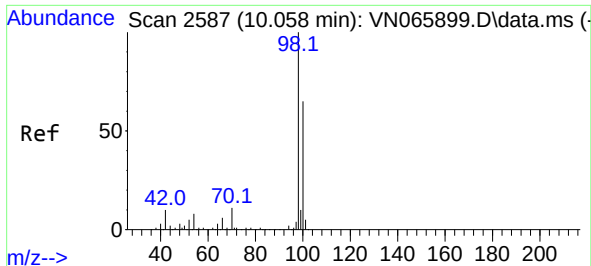
Tgt Ion: 78 Resp: 22770
Ion Ratio Lower Upper
78 100
77 26.0 19.0 28.4



#43
Isopropyl Acetate
Concen: 2.70 ug/l
RT: 8.126 min Scan# 1986
Delta R.T. -0.006 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Tgt Ion: 43 Resp: 7375
Ion Ratio Lower Upper
43 100
61 21.7 22.5 33.7#
87 12.9 11.1 16.7

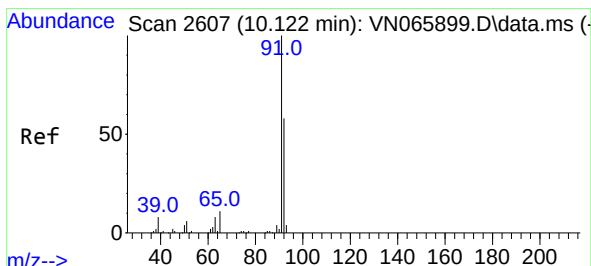
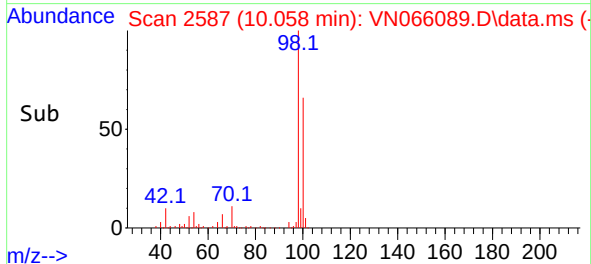
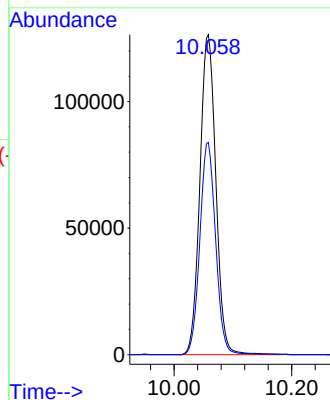
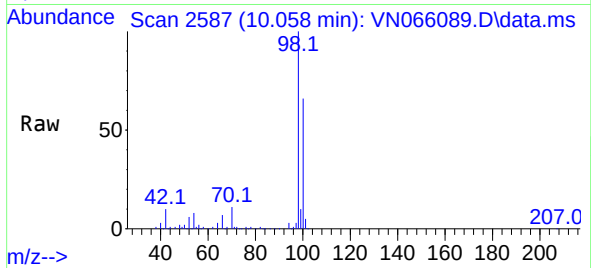




#50
Toluene-d8
Concen: 48.72 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

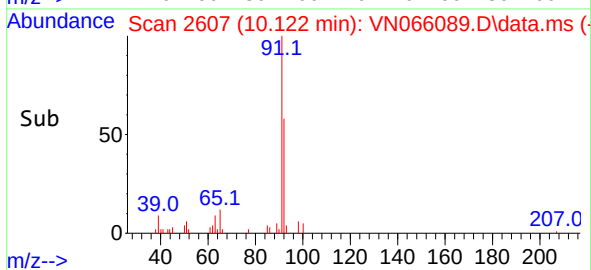
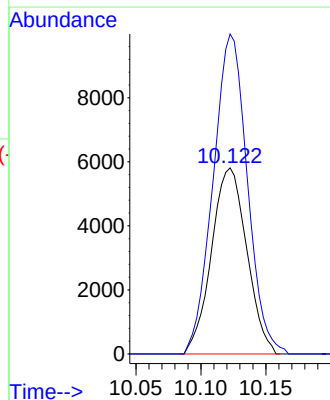
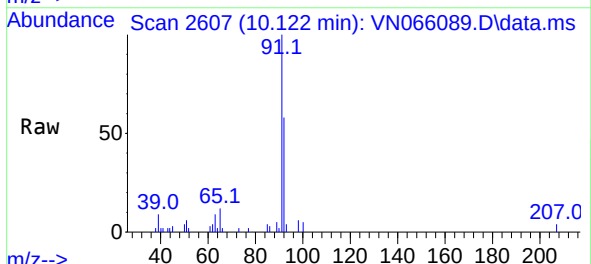
Instrument :
MSVOA_N
ClientSampled :
41701

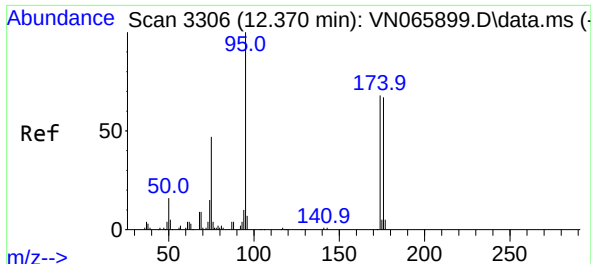
Tgt Ion: 98 Resp: 238370
Ion Ratio Lower Upper
98 100
100 65.5 50.5 75.7



#52
Toluene
Concen: 3.07 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Tgt Ion: 92 Resp: 10968
Ion Ratio Lower Upper
92 100
91 166.9 140.7 211.1

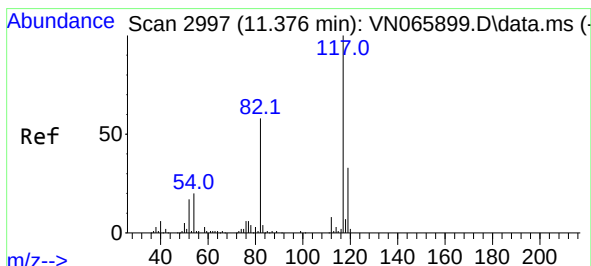
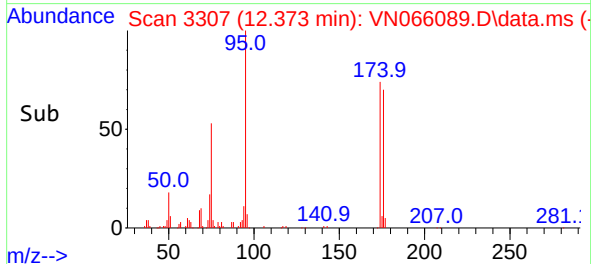
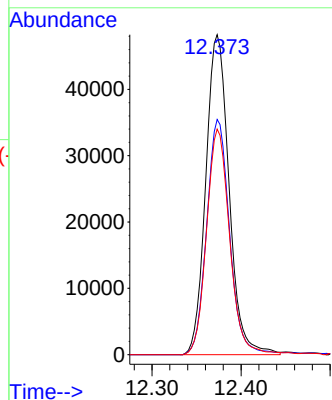
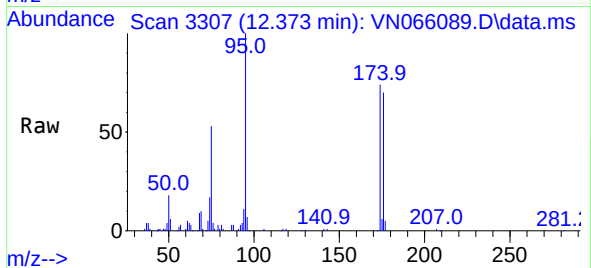




#62
4-Bromofluorobenzene
Concen: 47.62 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

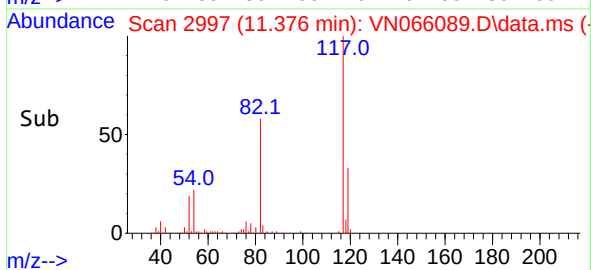
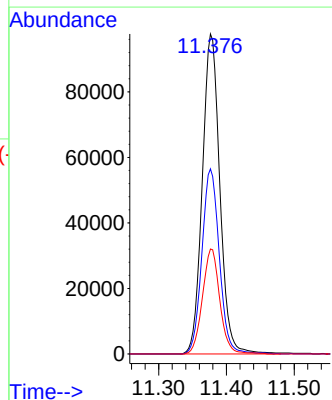
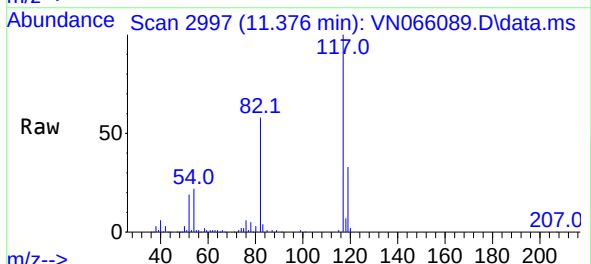
Instrument :
MSVOA_N
ClientSampled :
41701

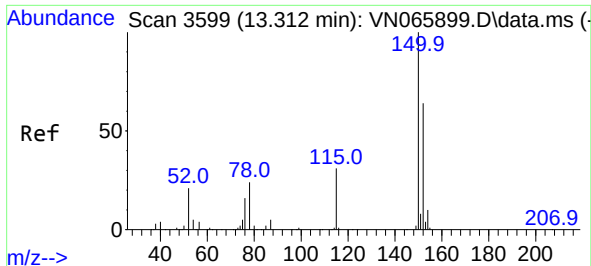
Tgt Ion: 95 Resp: 87471
Ion Ratio Lower Upper
95 100
174 72.4 0.0 169.0
176 69.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Tgt Ion: 117 Resp: 175651
Ion Ratio Lower Upper
117 100
82 57.9 43.7 65.5
119 32.8 26.1 39.1

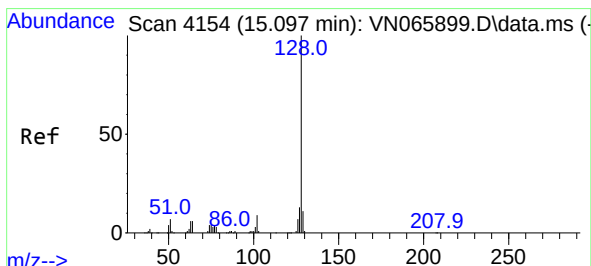
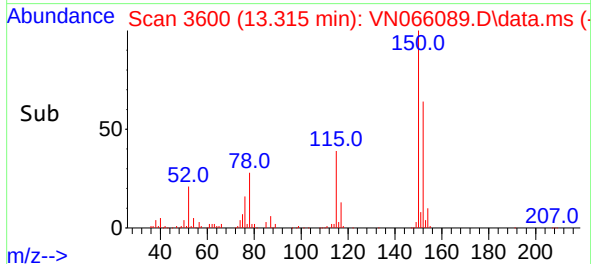
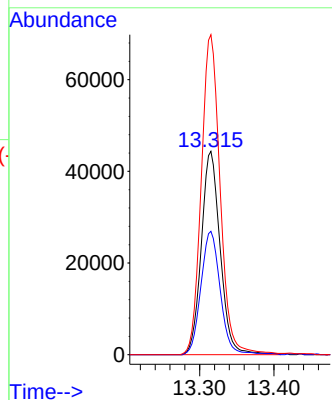
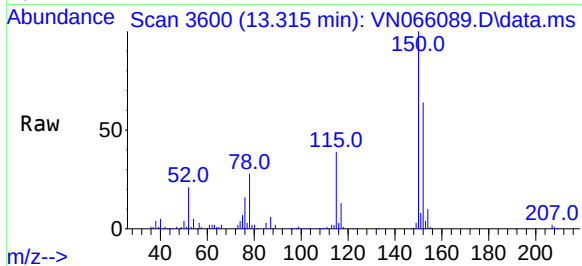




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Instrument :
MSVOA_N
ClientSampled :
41701

Tgt Ion:152 Resp: 78543
Ion Ratio Lower Upper
152 100
115 61.8 28.5 85.6
150 157.5 0.0 347.6



#95
Naphthalene
Concen: 4.61 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN066089.D
Acq: 1 Mar 2021 20:15

Tgt Ion:128 Resp: 7548
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 12.5 8.6 13.0

