

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066750.D
 Acq On : 23 Apr 2021 20:08
 Operator : JC/MD
 Sample : M2152-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-COMP

Quant Time: Apr 26 09:14:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

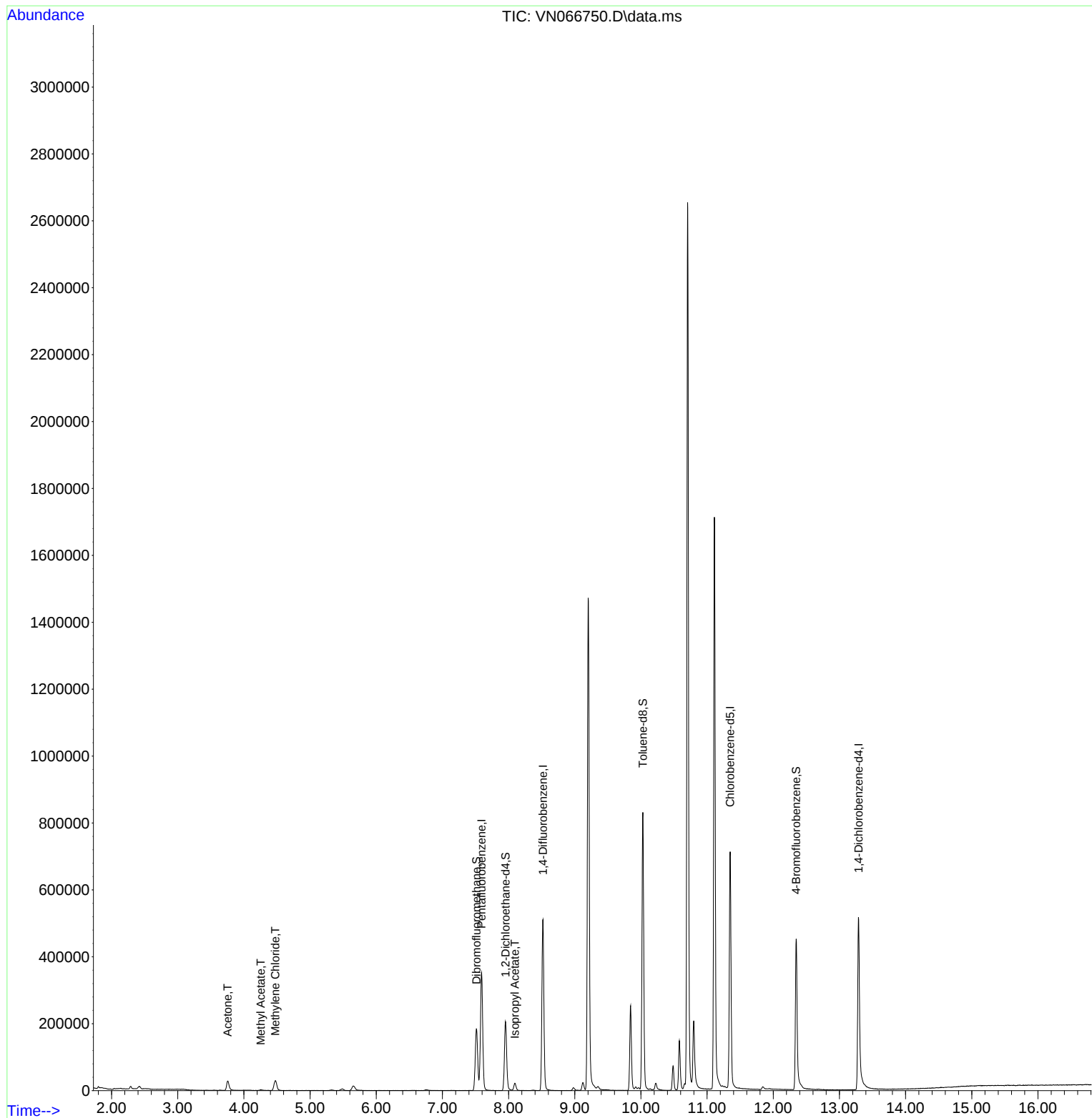
Internal Standards						
1) Pentafluorobenzene	7.591	168	307772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	477073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	442243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	188474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	177991	47.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.68%
35) Dibromofluoromethane	7.516	113	149387	50.00	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.00%
50) Toluene-d8	10.029	98	591281	50.75	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.50%
62) 4-Bromofluorobenzene	12.346	95	184486	46.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.48%
Target Compounds						
						Qvalue
16) Acetone	3.756	43	49078	34.87	ug/l	98
18) Methyl Acetate	4.255	43	4474	1.15	ug/l #	86
20) Methylene Chloride	4.475	84	22951	5.48	ug/l	99
43) Isopropyl Acetate	8.095	43	28086	3.78	ug/l #	88

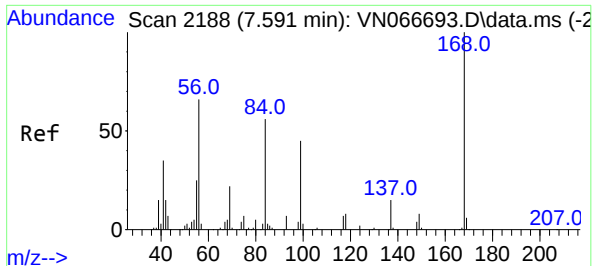
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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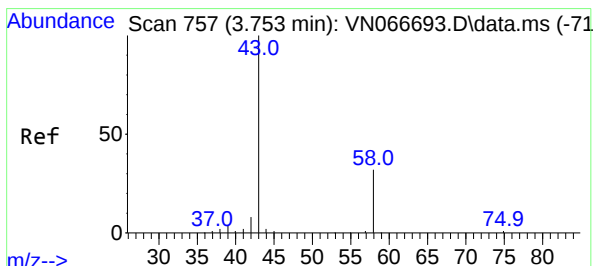
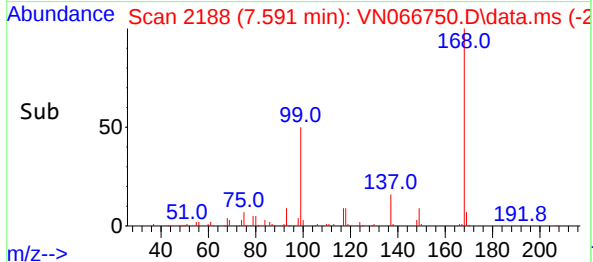
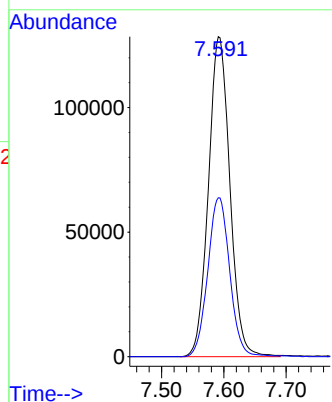
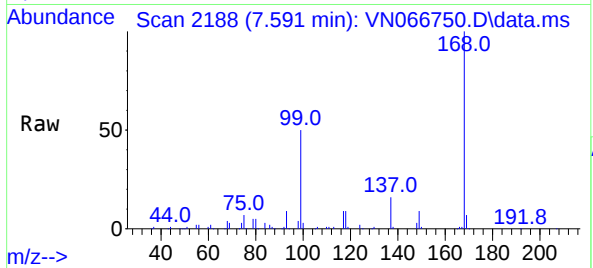




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

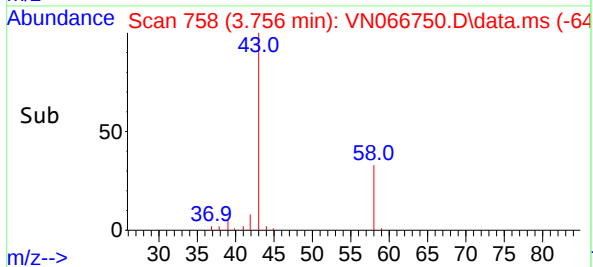
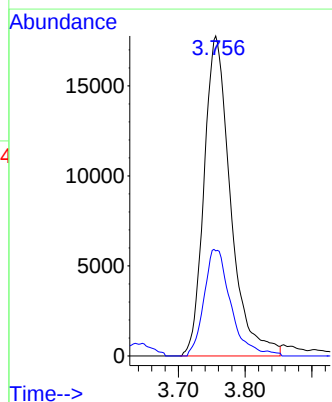
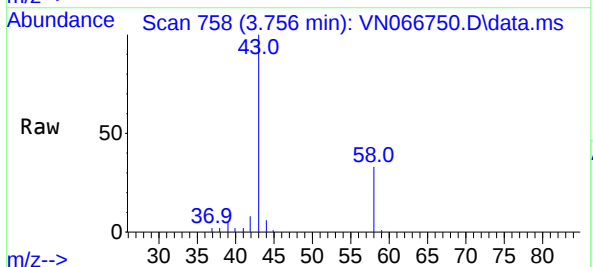
Instrument :
MSVOA_N
ClientSampleId :
TP-4-COMP

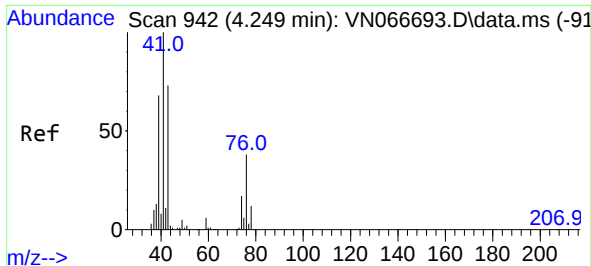
Tgt Ion:168 Resp: 307772
Ion Ratio Lower Upper
168 100
99 49.7 42.6 63.8



#16
Acetone
Concen: 34.87 ug/l
RT: 3.756 min Scan# 758
Delta R.T. 0.003 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

Tgt Ion: 43 Resp: 49078
Ion Ratio Lower Upper
43 100
58 32.9 27.0 40.6

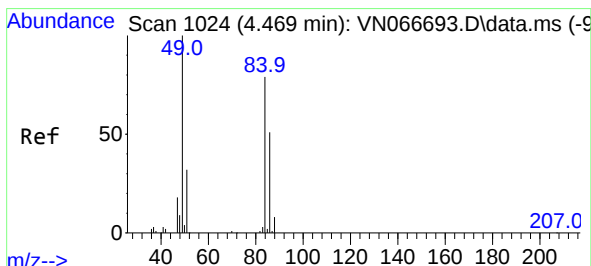
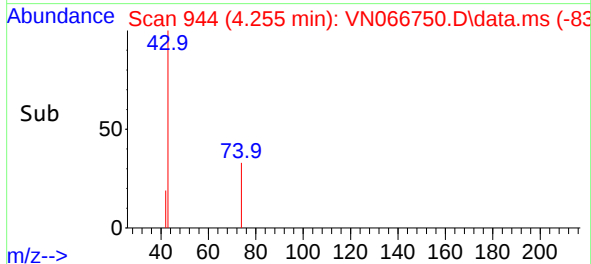
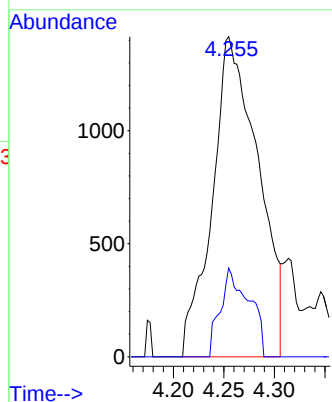
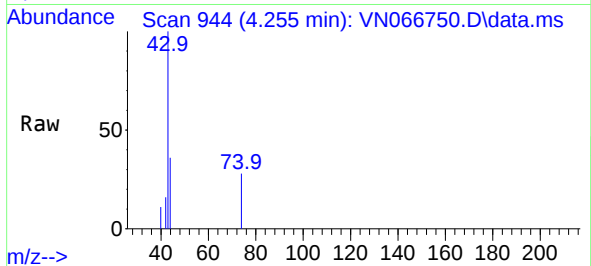




#18
Methyl Acetate
Concen: 1.15 ug/l
RT: 4.255 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

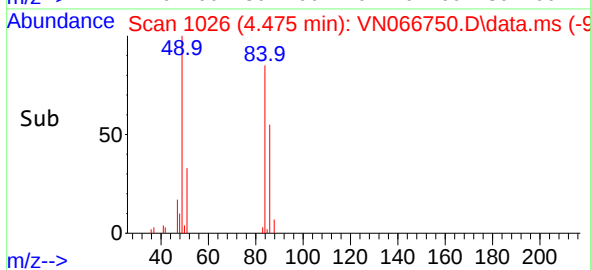
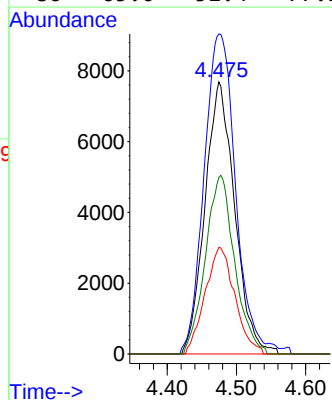
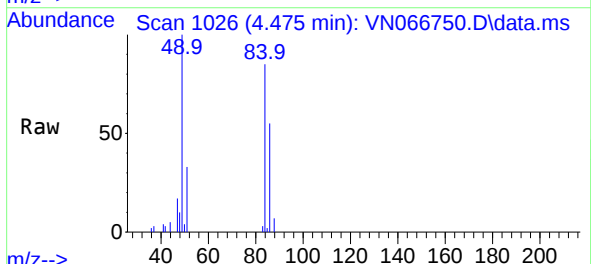
Instrument :
MSVOA_N
ClientSampleId :
TP-4-COMP

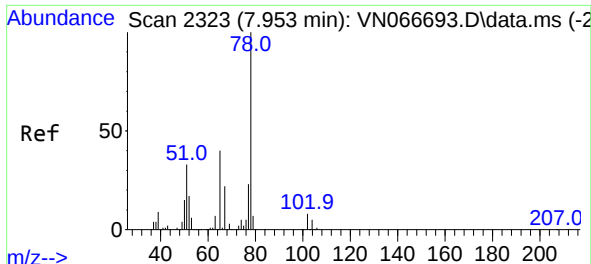
Tgt Ion: 43 Resp: 4474
Ion Ratio Lower Upper
43 100
74 17.2 19.5 29.3#



#20
Methylene Chloride
Concen: 5.48 ug/l
RT: 4.475 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

Tgt Ion: 84 Resp: 22951
Ion Ratio Lower Upper
84 100
49 117.7 94.6 141.8
51 39.2 29.9 44.9
86 65.0 51.4 77.2

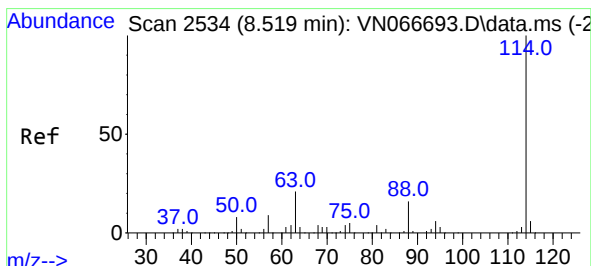
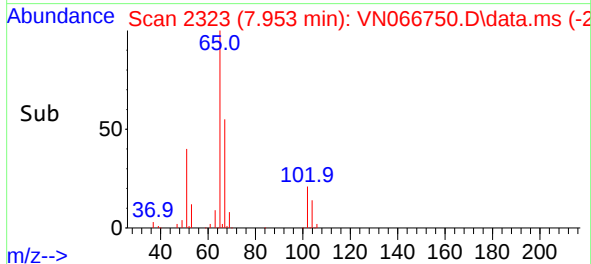
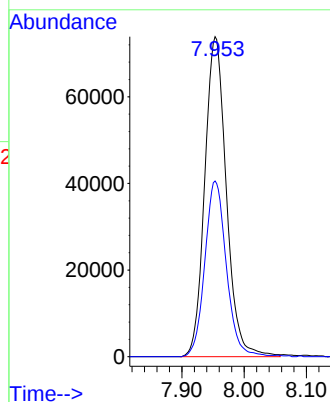
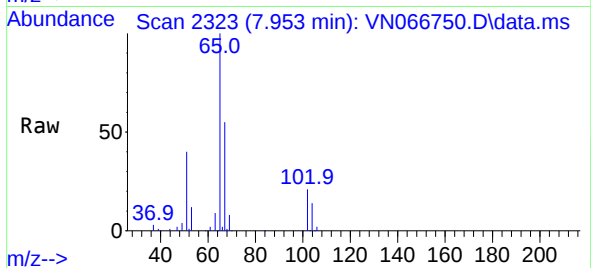




#33
1,2-Dichloroethane-d4
Concen: 47.34 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

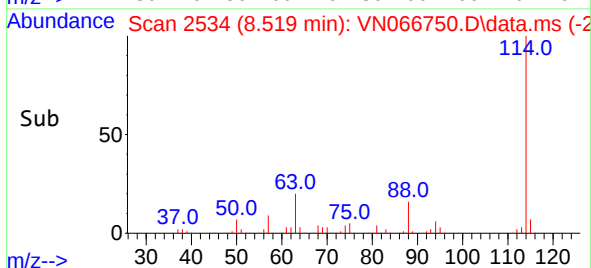
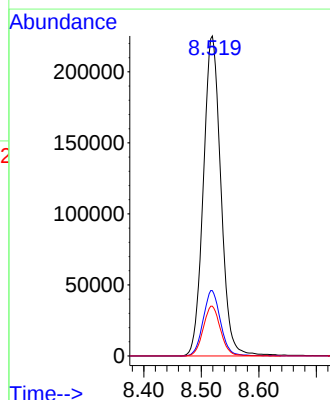
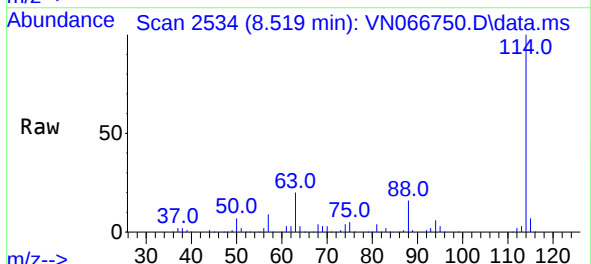
Instrument :
MSVOA_N
ClientSampled :
TP-4-COMP

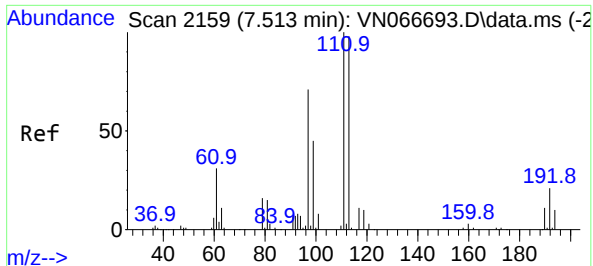
Tgt Ion: 65 Resp: 177991
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

Tgt Ion: 114 Resp: 477073
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 15.6 0.0 30.6

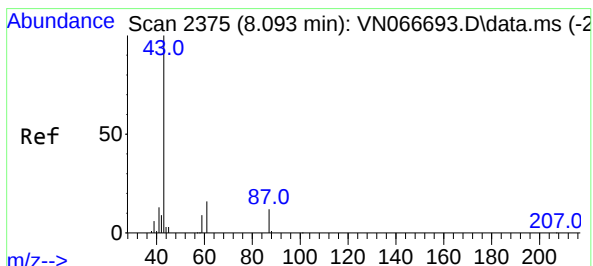
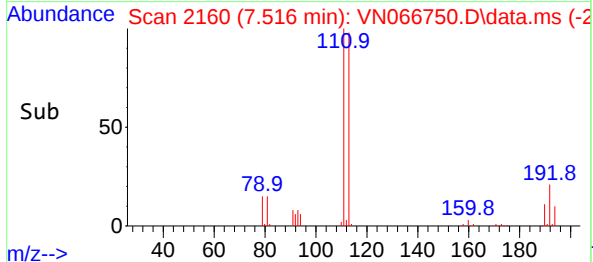
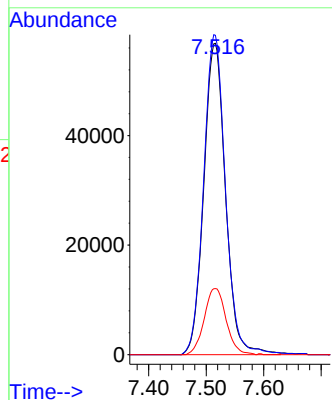
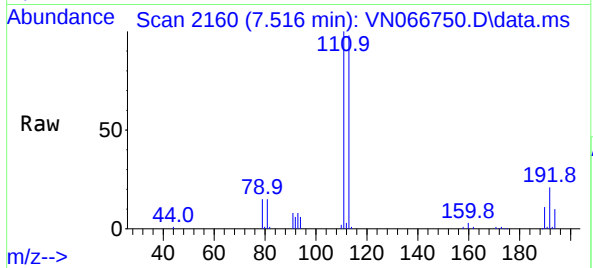




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

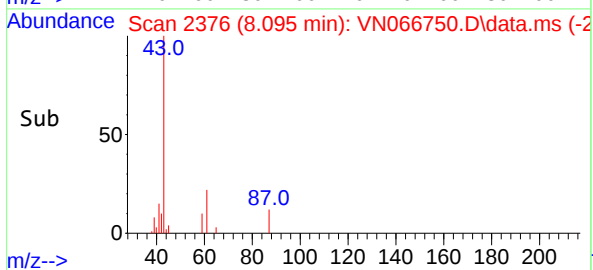
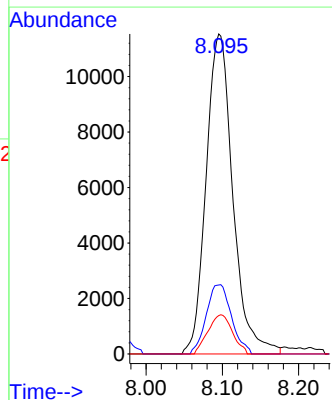
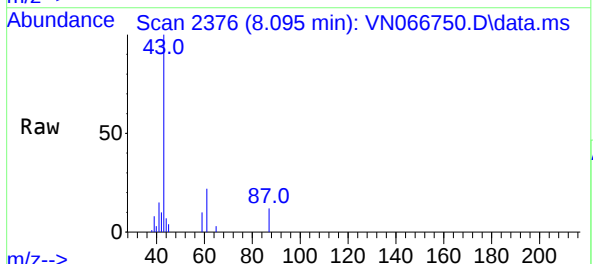
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MSVOA_N
ClientSampleId :
TP-4-COMP

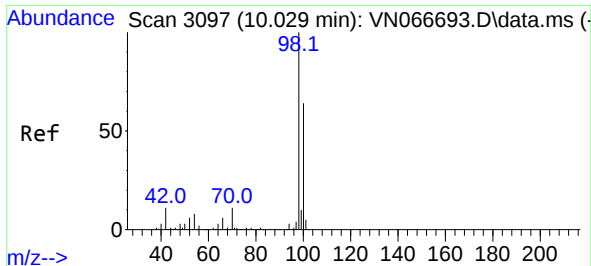
Tgt Ion:113 Resp: 149387
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 21.4 15.4 23.0



#43
Isopropyl Acetate
Concen: 3.78 ug/l
RT: 8.095 min Scan# 2376
Delta R.T. 0.002 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

Tgt Ion: 43 Resp: 28086
Ion Ratio Lower Upper
43 100
61 20.4 22.5 33.7#
87 11.2 11.1 16.7

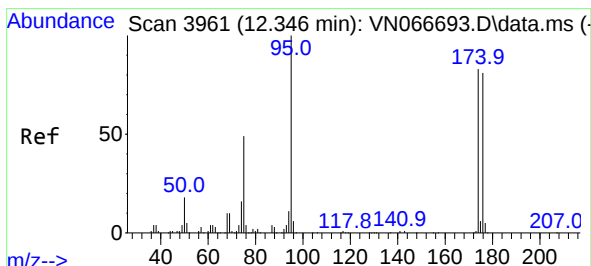
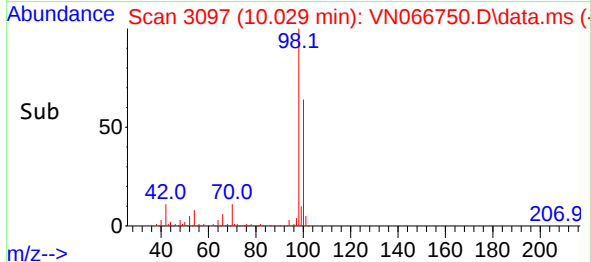
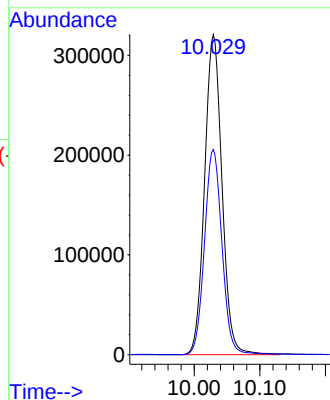
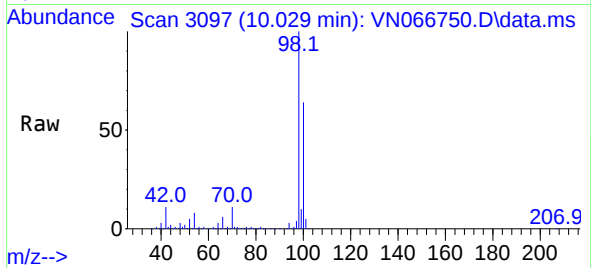




#50
Toluene-d8
Concen: 50.75 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

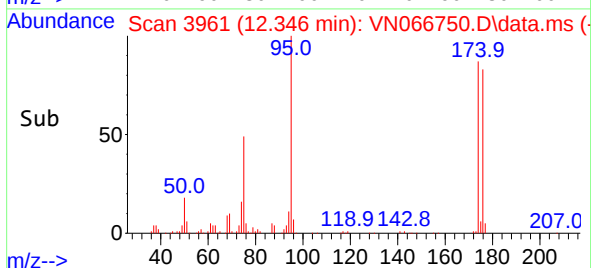
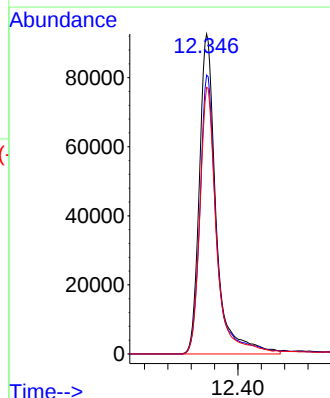
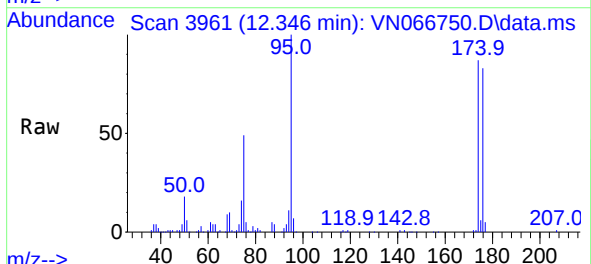
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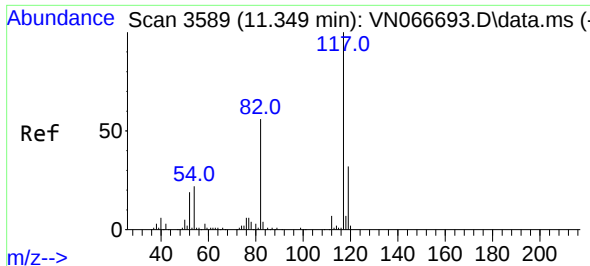
Tgt Ion: 98 Resp: 591281
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.24 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

Tgt Ion: 95 Resp: 184486
Ion Ratio Lower Upper
95 100
174 86.5 0.0 169.0
176 82.6 0.0 162.4

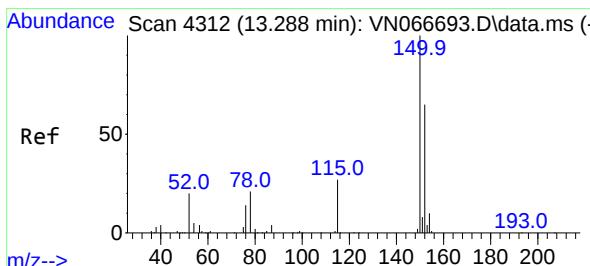
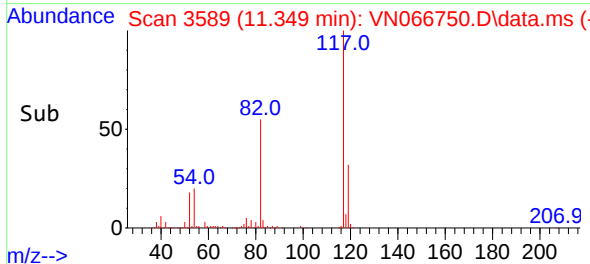
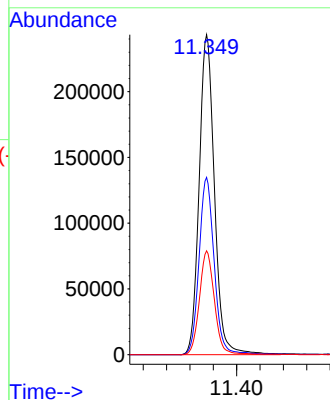
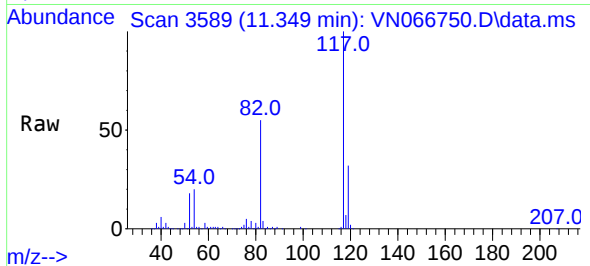




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.349 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

Instrument :
MSVOA_N
ClientSampleId :
TP-4-COMP

Tgt Ion:	117	Resp:	442243
Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.7	65.5
119	32.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VN066750.D
Acq: 23 Apr 2021 20:08

Tgt Ion:	152	Resp:	188474
Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.5	85.6
150	159.2	0.0	347.6

