

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
 Data File : VN066686.D
 Acq On : 20 Apr 2021 17:14
 Operator : JC/MD
 Sample : M2078-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-01

Quant Time: Apr 21 10:09:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 20 12:52:17 2021
 Response via : Initial Calibration

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

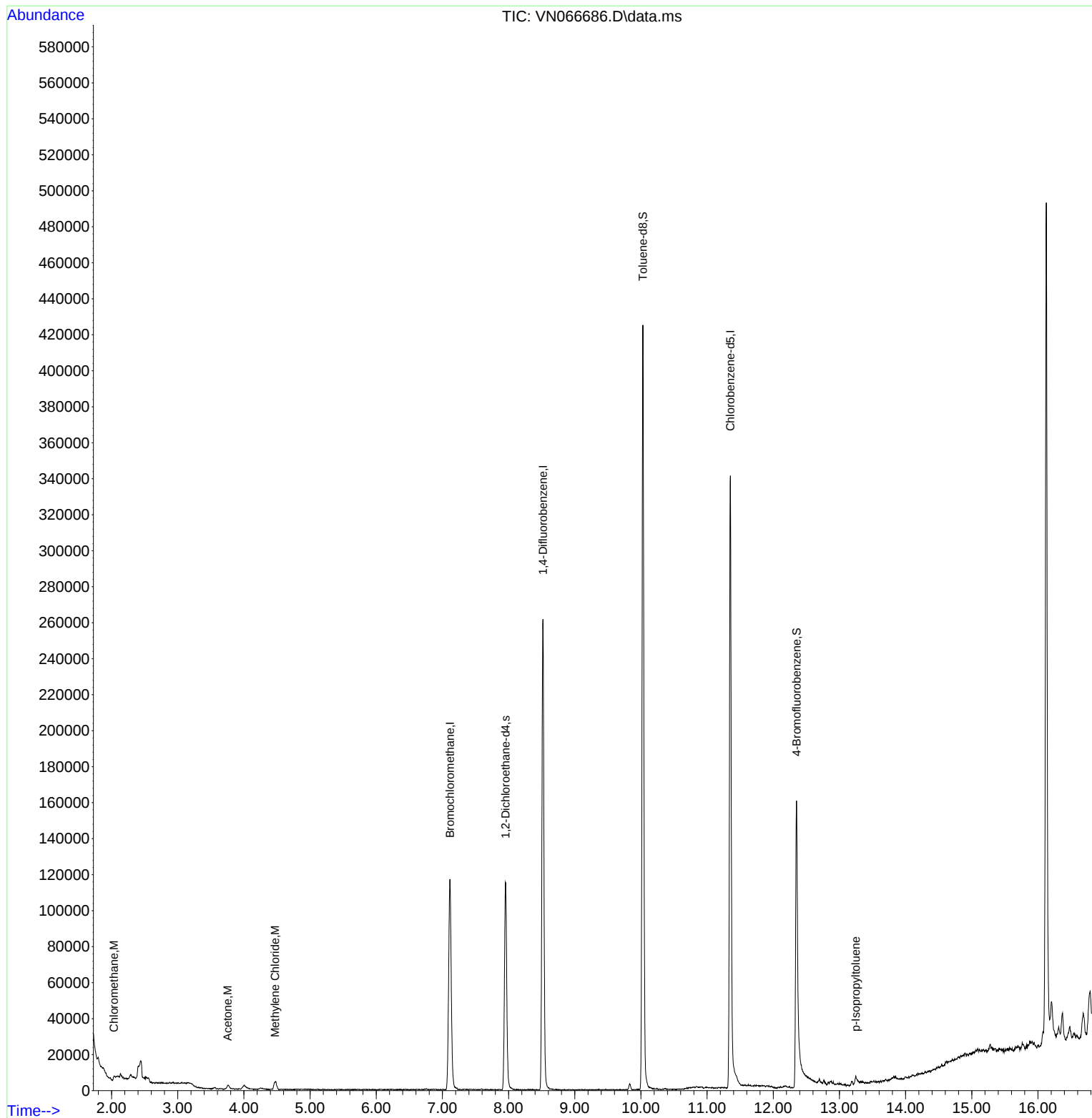
Internal Standards						
1) Bromochloromethane	7.116	128	46673	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.519	114	238331	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.351	117	214270	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.956	65	100356	29.84	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.47%
60) 4-Bromofluorobenzene	12.351	95	75266	22.41	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	74.70%
63) Toluene-d8	10.029	98	301201	30.55	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.83%
Target Compounds						Qvalue
3) Chloromethane	2.034	50	1270	0.36	ug/l	97
15) Acetone	3.756	58	1024	2.68	ug/l #	33
18) Methylene Chloride	4.472	84	3406	1.10	ug/l	88
82) p-Isopropyltoluene	13.247	119	4500	0.45	ug/l	62

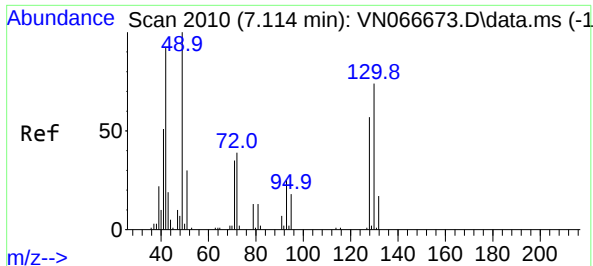
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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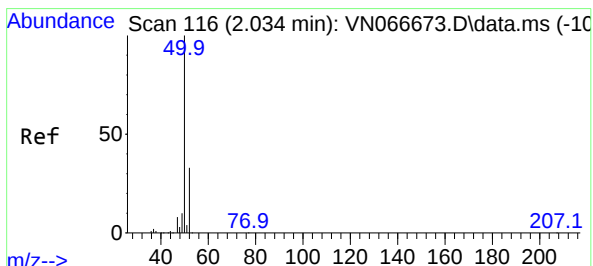
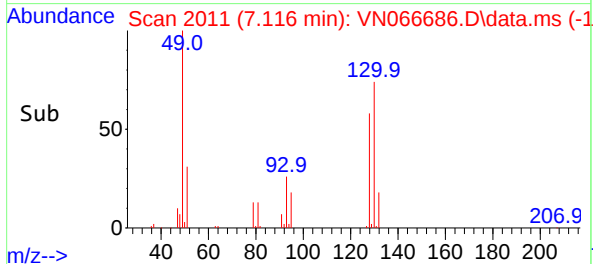
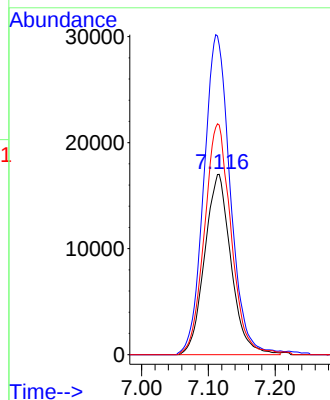
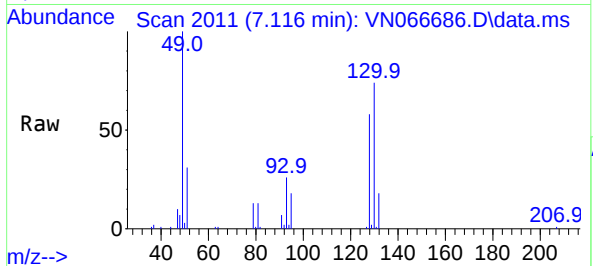




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.116 min Scan# 2011
Delta R.T. 0.002 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

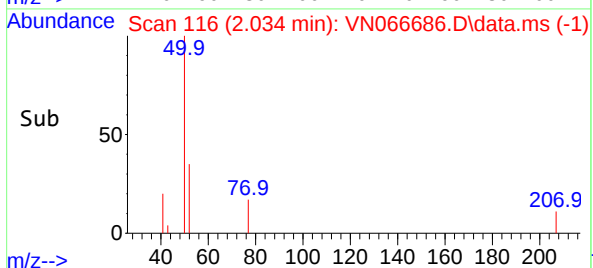
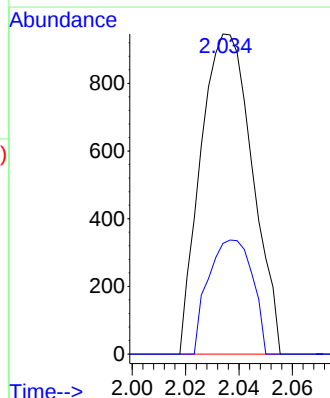
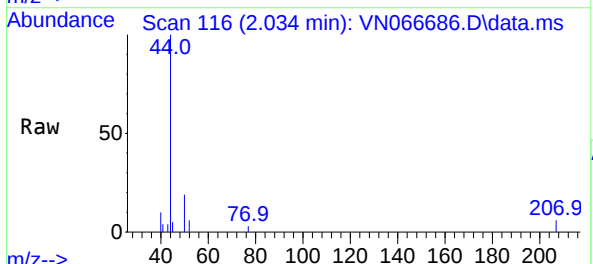
Instrument :
MSVOA_N
ClientSampleId :
TWP-01

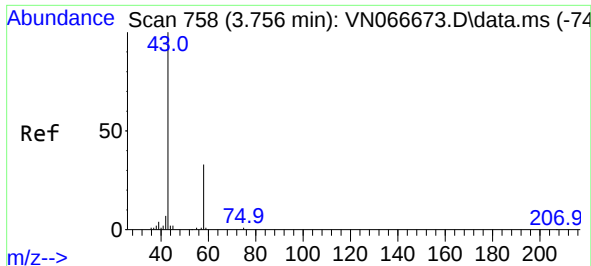
Tgt Ion:	128	Resp:	46673
Ion	Ratio	Lower	Upper
128	100		
49	176.3	0.0	429.3
130	128.5	0.0	328.5



#3
Chloromethane
Concen: 0.36 ug/l
RT: 2.034 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

Tgt Ion:	50	Resp:	1270
Ion	Ratio	Lower	Upper
50	100		
52	34.6	26.2	39.4

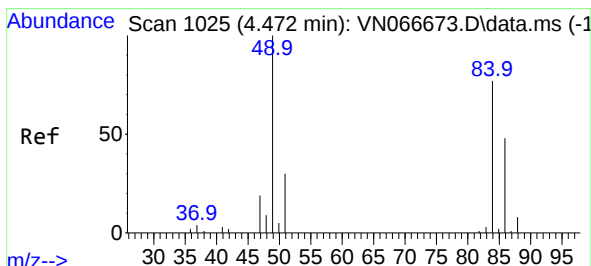
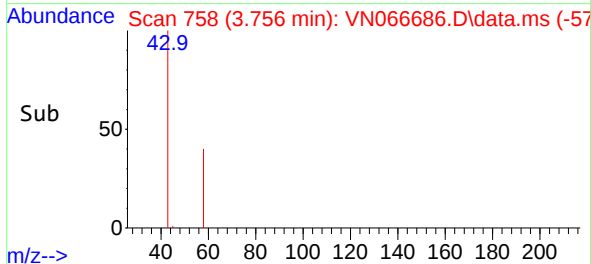
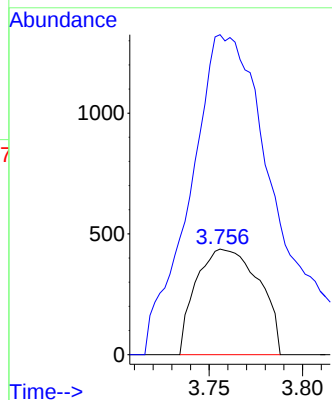
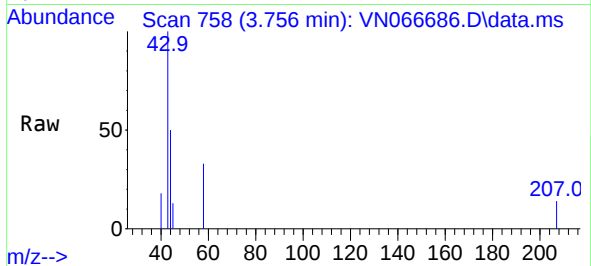




#15
Acetone
Concen: 2.68 ug/l
RT: 3.756 min Scan# 758
Delta R.T. -0.000 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

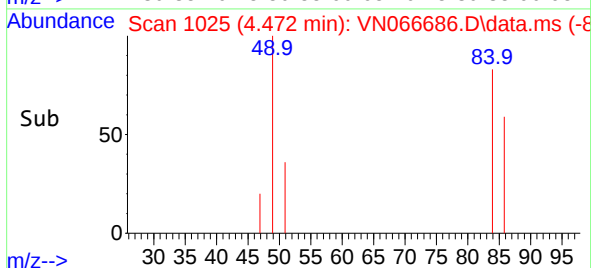
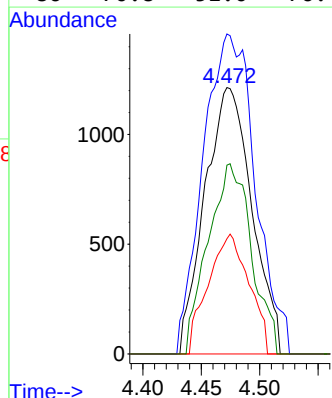
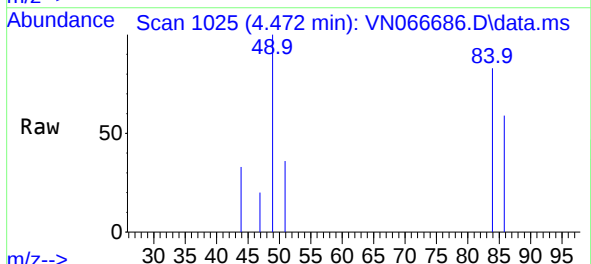
Instrument :
MSVOA_N
ClientSampled :
TWP-01

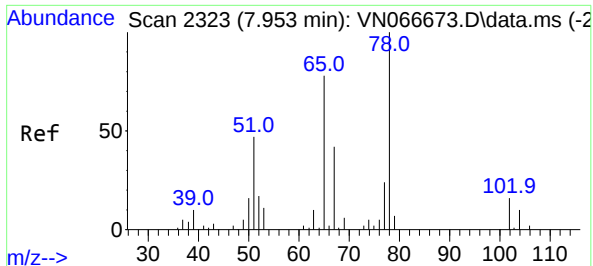
Tgt Ion: 58 Resp: 1024
Ion Ratio Lower Upper
58 100
43 192.7 267.3 400.9#



#18
Methylene Chloride
Concen: 1.10 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

Tgt Ion: 84 Resp: 3406
Ion Ratio Lower Upper
84 100
49 107.5 98.9 148.3
51 43.2 30.8 46.2
86 70.8 51.0 76.4

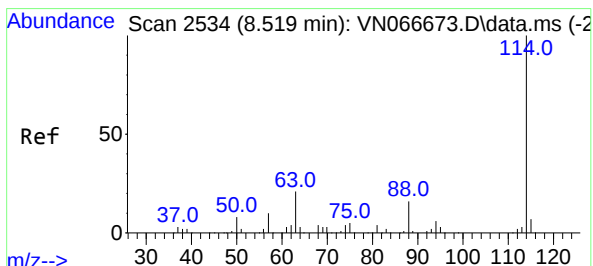
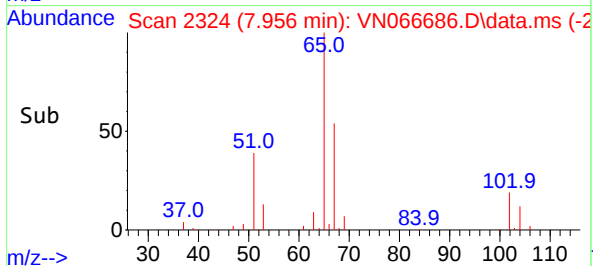
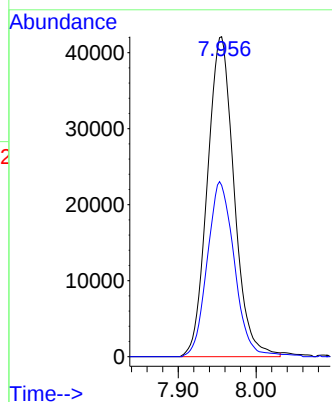
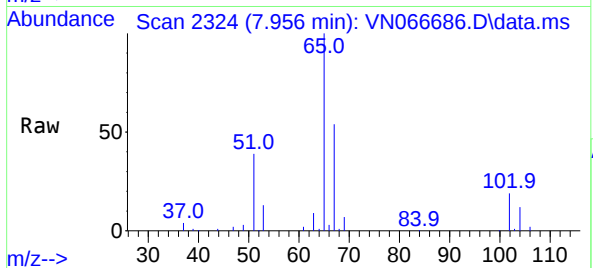




#27
1,2-Dichloroethane-d4
Concen: 29.84 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

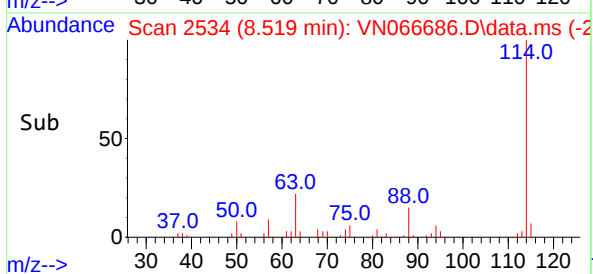
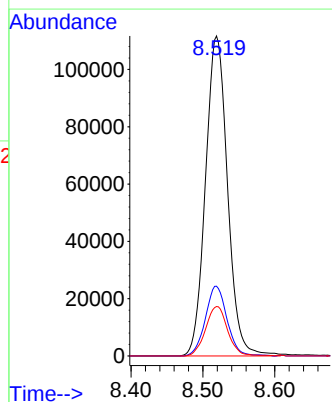
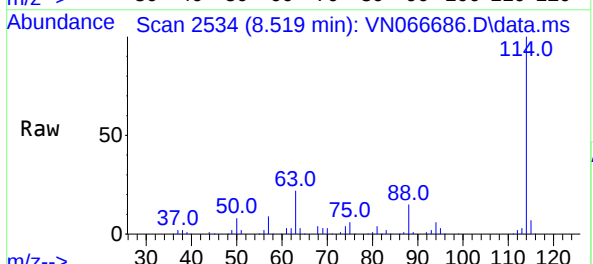
Instrument :
MSVOA_N
ClientSampled :
TWP-01

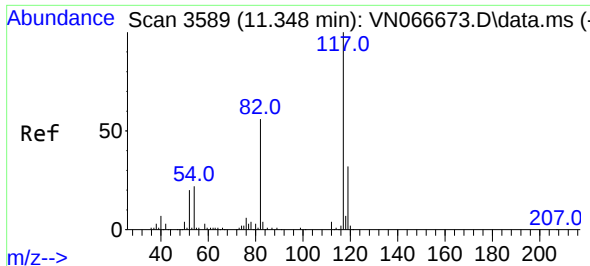
Tgt Ion: 65 Resp: 100356
Ion Ratio Lower Upper
65 100
67 55.3 42.2 63.4



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

Tgt Ion: 114 Resp: 238331
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.0
88 15.5 12.6 19.0

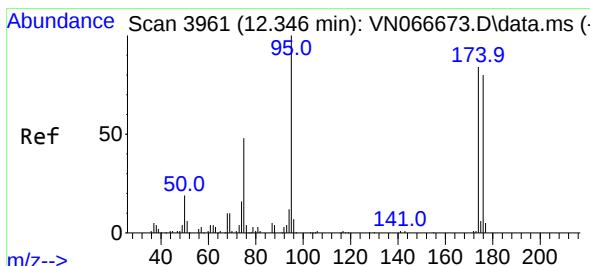
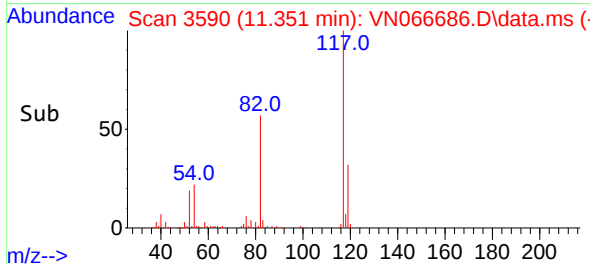
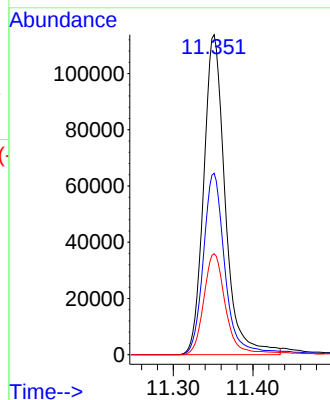
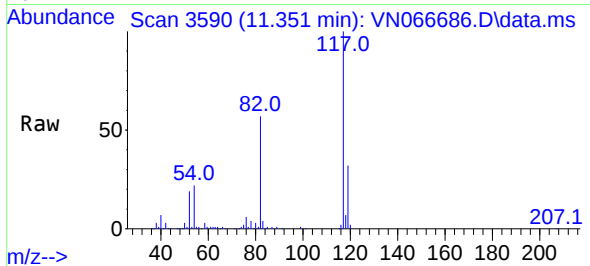




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

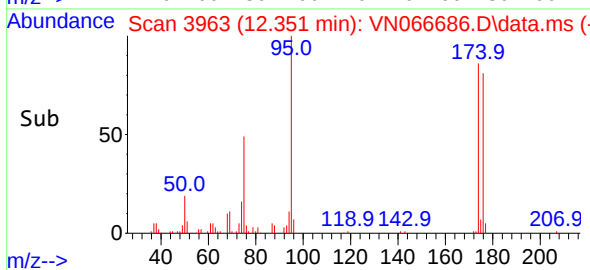
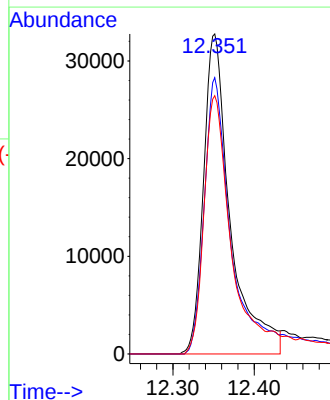
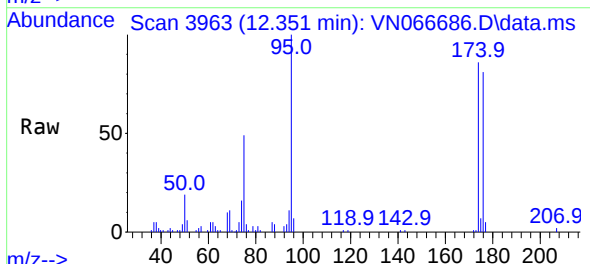
Instrument :
MSVOA_N
ClientSampled :
TWP-01

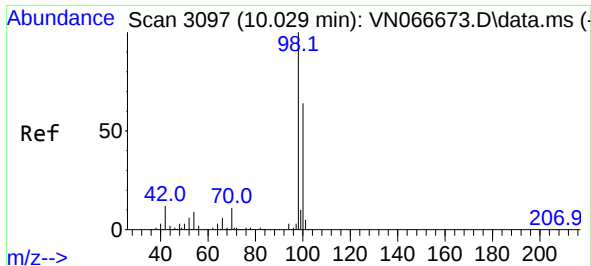
Tgt Ion:	117	Resp:	214270
Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.0	67.6
119	31.3	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 22.41 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.005 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

Tgt Ion:	95	Resp:	75266
Ion	Ratio	Lower	Upper
95	100		
174	85.3	68.1	102.1
176	79.1	65.4	98.0

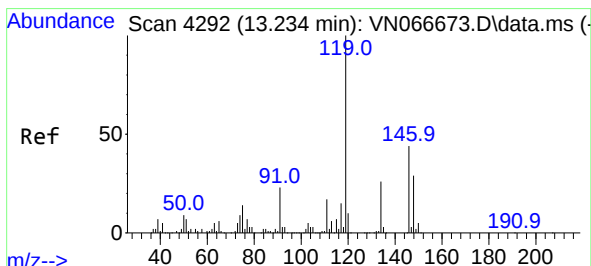
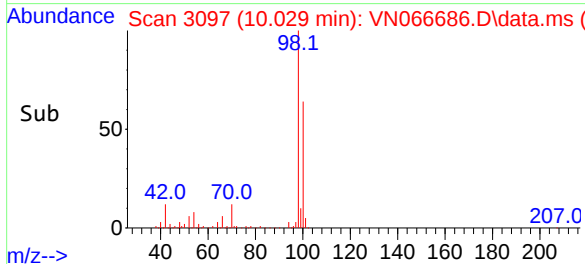
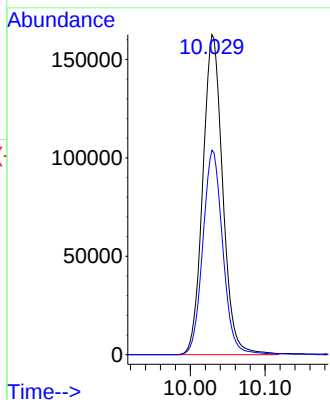
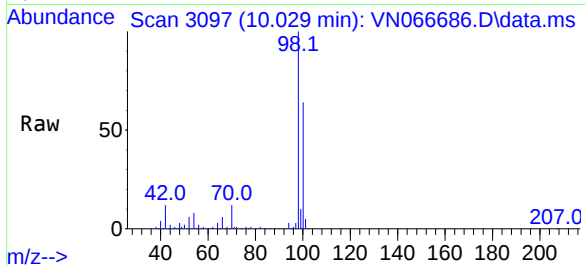




#63
Toluene-d8
Concen: 30.55 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

Instrument :
MSVOA_N
ClientSampled :
TWP-01

Tgt Ion: 98 Resp: 301201
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#82
p-Isopropyltoluene
Concen: 0.45 ug/l
RT: 13.247 min Scan# 4297
Delta R.T. 0.013 min
Lab File: VN066686.D
Acq: 20 Apr 2021 17:14

Tgt Ion:119 Resp: 4500
Ion Ratio Lower Upper
119 100
134 3.4 0.0 53.4
91 9.2 0.0 47.6

