

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066590.D
 Acq On : 13 Apr 2021 20:15
 Operator : JC/MD
 Sample : M2006-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 37TH-ST-2021

Quant Time: Apr 14 13:17:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 14 12:32:37 2021
 Response via : Initial Calibration

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

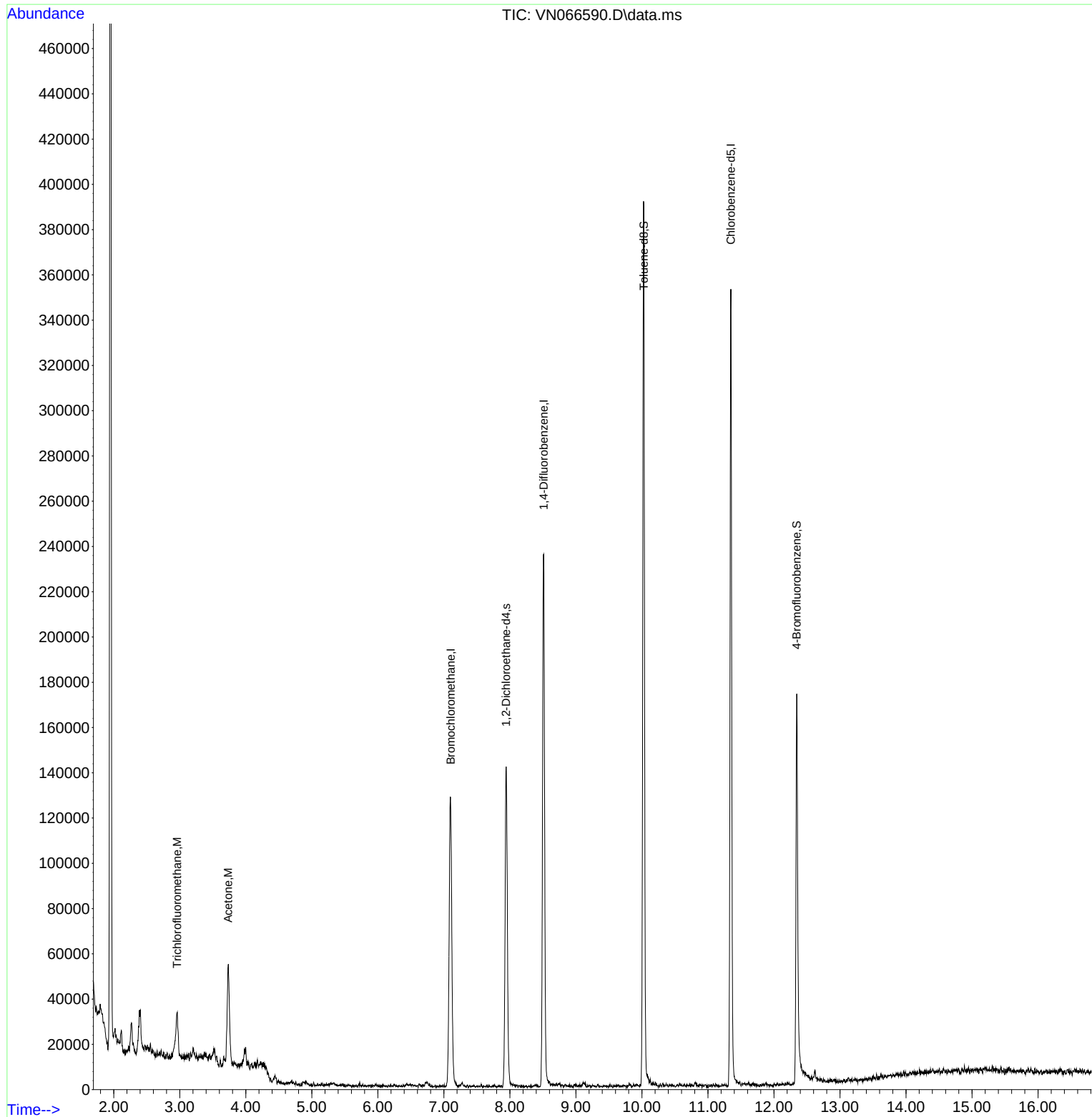
Internal Standards						
1) Bromochloromethane	7.104	128	42414	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.512	114	184918	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	178393	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.941	65	122026	31.21	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.03%
60) 4-Bromofluorobenzene	12.345	95	57612	21.21	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	70.70%
63) Toluene-d8	10.028	98	244706	28.63	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.43%
Target Compounds						
7) Trichlorofluoromethane	2.958	101	15506	2.74	ug/l	Qvalue 91
15) Acetone	3.733	58	18850	32.66	ug/l	85

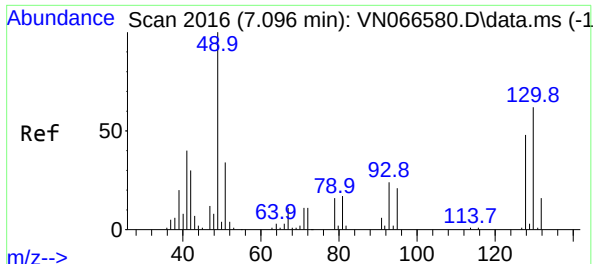
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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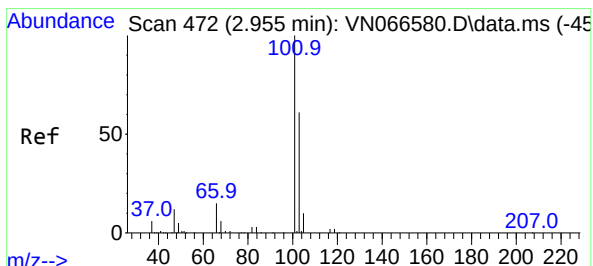
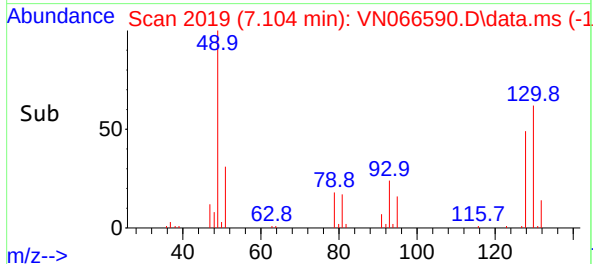
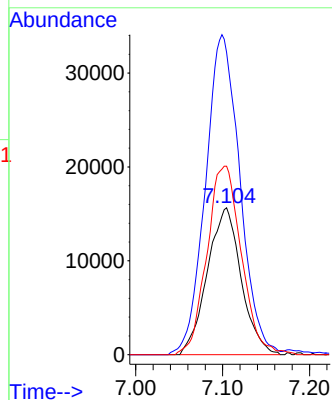
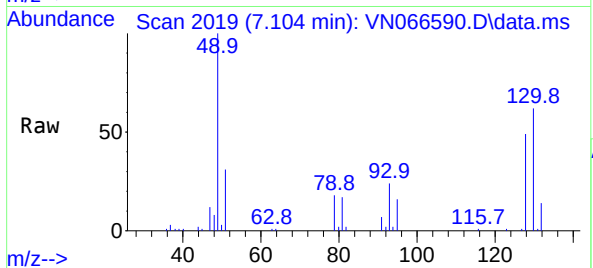




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.104 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VN066590.D
Acq: 13 Apr 2021 20:15

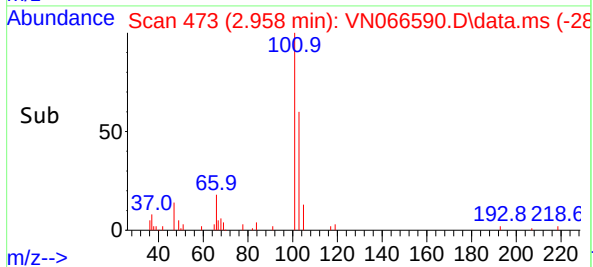
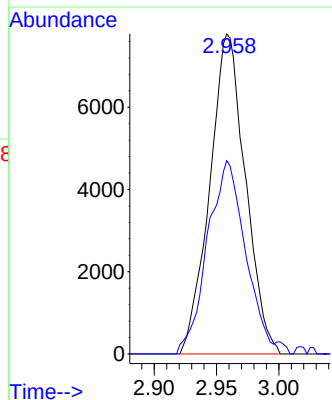
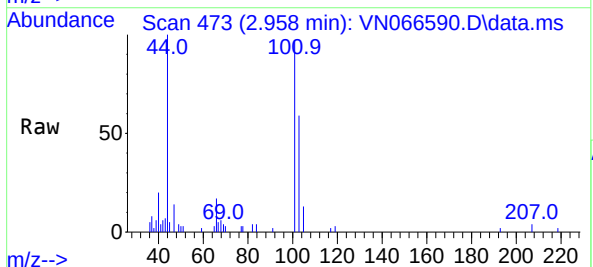
Instrument :
MSVOA_N
ClientSampleId :
37TH-ST-2021

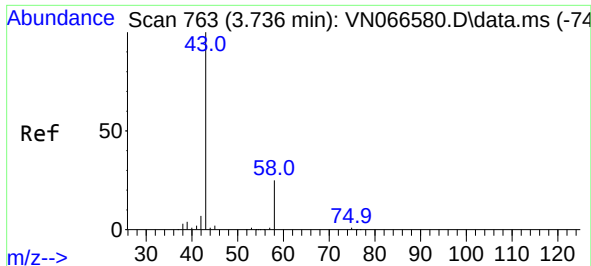
Tgt Ion:128 Resp: 42414
Ion Ratio Lower Upper
128 100
49 221.1 0.0 429.3
130 129.8 0.0 328.5



#7
Trichlorofluoromethane
Concen: 2.74 ug/l
RT: 2.958 min Scan# 473
Delta R.T. 0.003 min
Lab File: VN066590.D
Acq: 13 Apr 2021 20:15

Tgt Ion:101 Resp: 15506
Ion Ratio Lower Upper
101 100
103 57.5 51.6 77.4

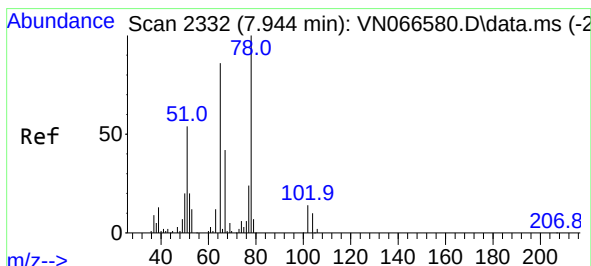
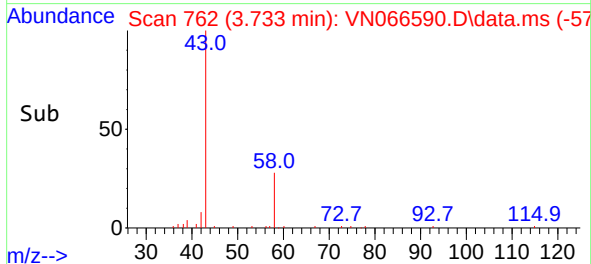
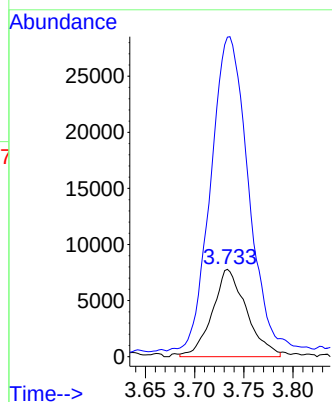
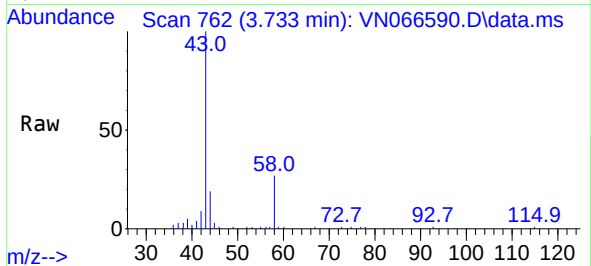




#15
Acetone
Concen: 32.66 ug/l
RT: 3.733 min Scan# 762
Delta R.T. 0.000 min
Lab File: VN066590.D
Acq: 13 Apr 2021 20:15

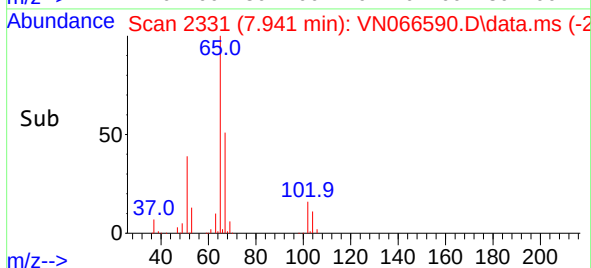
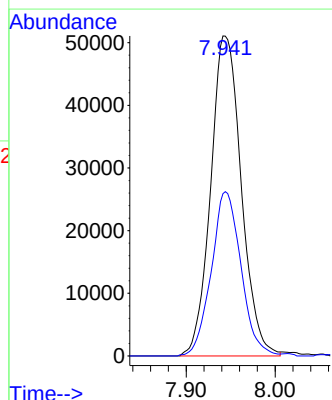
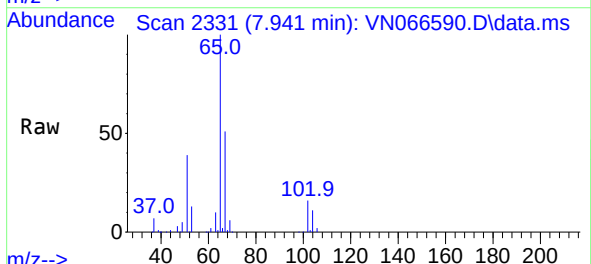
Instrument :
MSVOA_N
ClientSampled :
37TH-ST-2021

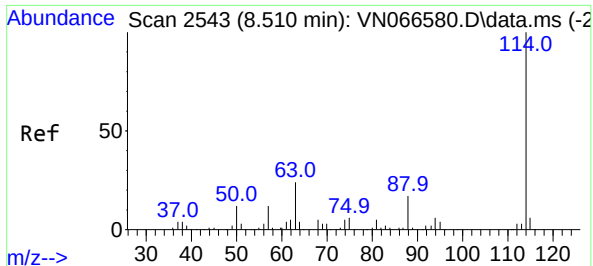
Tgt Ion: 58 Resp: 18850
Ion Ratio Lower Upper
58 100
43 366.2 267.3 400.9



#27
1,2-Dichloroethane-d4
Concen: 31.21 ug/l
RT: 7.941 min Scan# 2331
Delta R.T. -0.006 min
Lab File: VN066590.D
Acq: 13 Apr 2021 20:15

Tgt Ion: 65 Resp: 122026
Ion Ratio Lower Upper
65 100
67 49.8 42.2 63.4

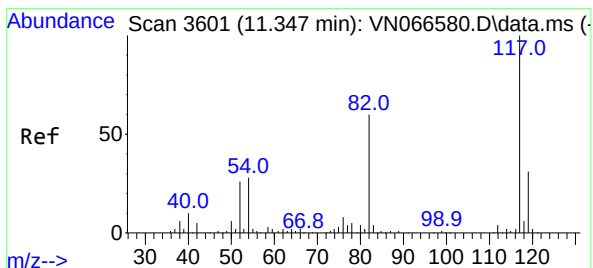
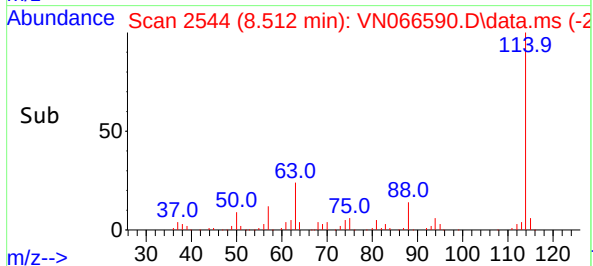
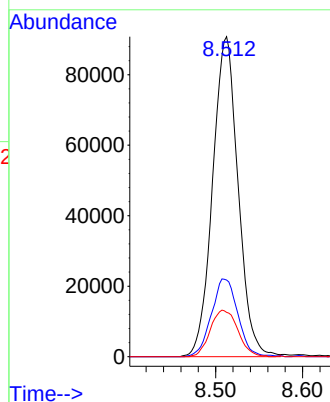
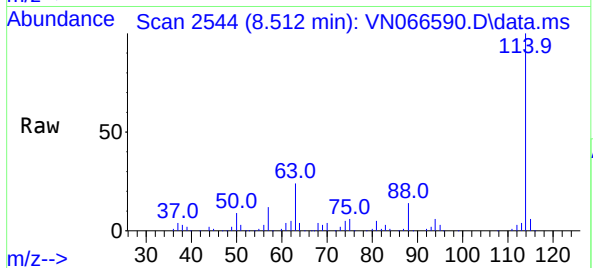




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.001 min
Lab File: VN066590.D
Acq: 13 Apr 2021 20:15

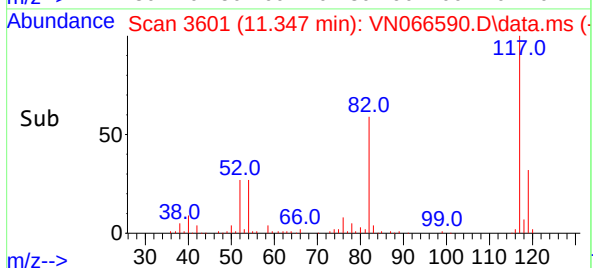
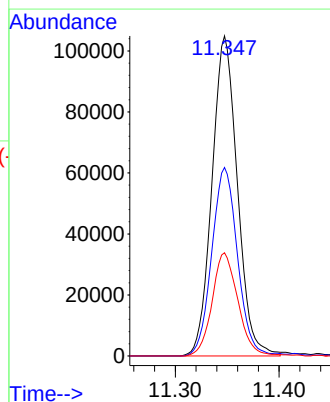
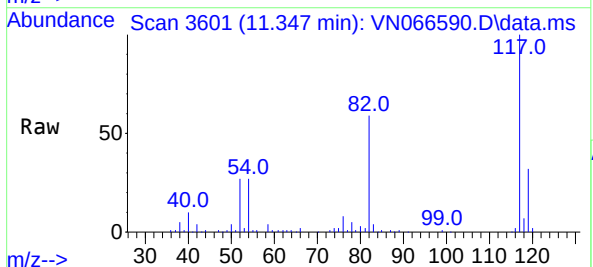
Instrument :
MSVOA_N
ClientSampleId :
37TH-ST-2021

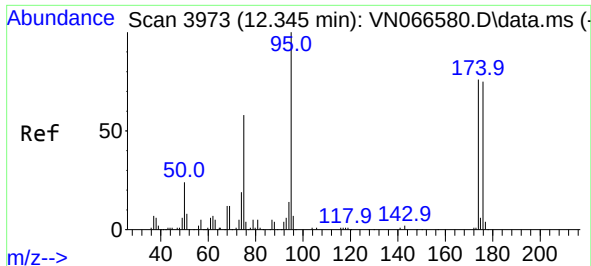
Tgt Ion:114 Resp: 184918
Ion Ratio Lower Upper
114 100
63 25.1 17.4 26.0
88 15.7 12.6 19.0



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066590.D
Acq: 13 Apr 2021 20:15

Tgt Ion:117 Resp: 178393
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.6
119 32.8 25.5 38.3

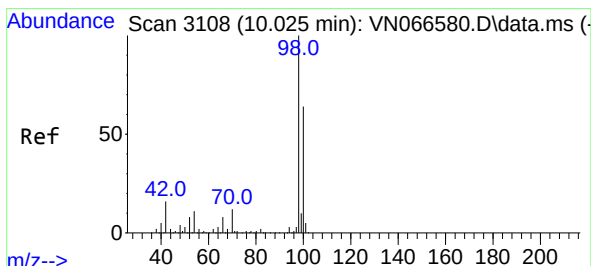
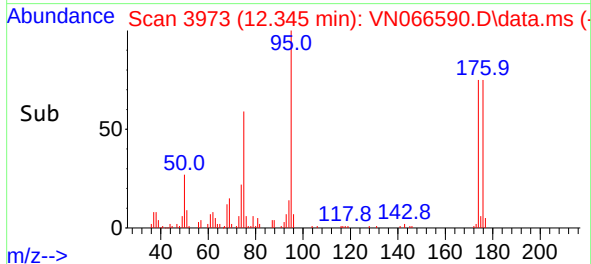
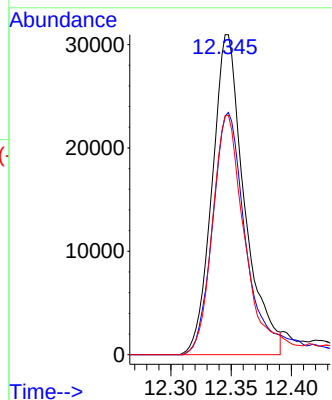
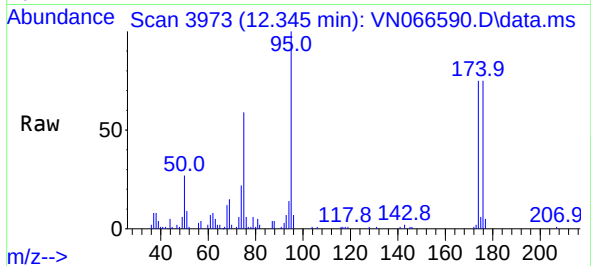




#60
4-Bromofluorobenzene
Concen: 21.21 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066590.D
Acq: 13 Apr 2021 20:15

Instrument :
MSVOA_N
ClientSampleId :
37TH-ST-2021

Tgt Ion: 95 Resp: 57612
Ion Ratio Lower Upper
95 100
174 79.2 68.1 102.1
176 75.9 65.4 98.0



#63
Toluene-d8
Concen: 28.63 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. 0.003 min
Lab File: VN066590.D
Acq: 13 Apr 2021 20:15

Tgt Ion: 98 Resp: 244706
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7

