

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071360.D
 Acq On : 17 Mar 2022 18:47
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 18 07:03:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

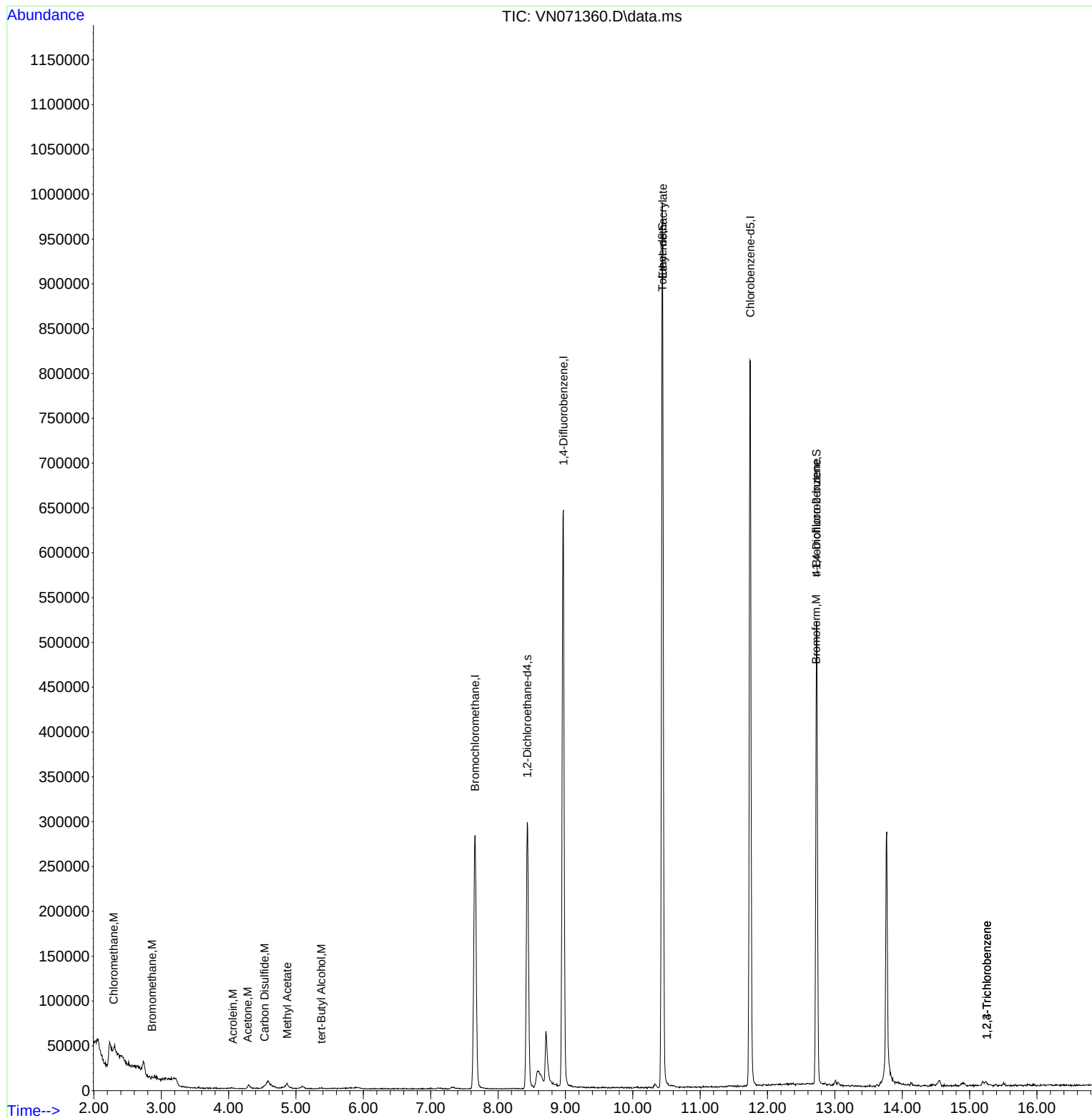
Internal Standards						
1) Bromochloromethane	7.657	128	97858	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	559808	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	479387	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	247207	31.818	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.067%
60) 4-Bromofluorobenzene	12.727	95	184537	24.917	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.067%
63) Toluene-d8	10.439	98	668211	30.301	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	3465	0.410	ug/l	90
5) Bromomethane	2.863	94	1013	0.261	ug/l	82
12) Methyl Acetate	4.869	43	9235	0.862	ug/l #	77
13) Acrolein	4.063	56	471	0.336	ug/l	84
15) Acetone	4.281	58	495	0.422	ug/l	79
16) Carbon Disulfide	4.534	76	3640	0.241	ug/l #	92
23) tert-Butyl Alcohol	5.375	59	525	0.318	ug/l #	100
51) Ethyl methacrylate	10.445	69	2398	0.205	ug/l	86
56) Bromoform	12.721	173	1687	0.308	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.727	75	93493	30.988	ug/l #	9
89) 1,2,4-Trichlorobenzene	15.257	180	1058	0.213	ug/l #	80
92) 1,2,3-Trichlorobenzene	15.257	180	1058	0.208	ug/l	81

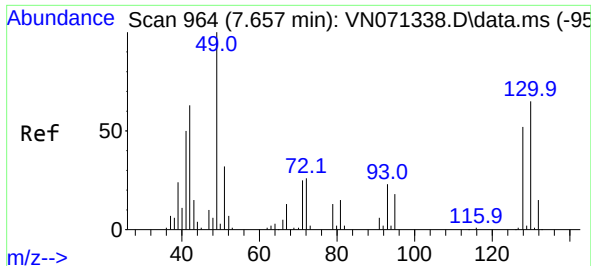
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
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Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Mar 18 07:03:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 17 06:37:08 2022
Response via : Initial Calibration

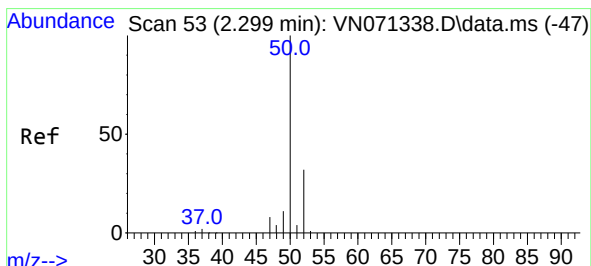
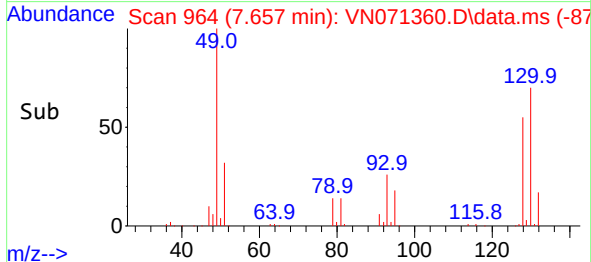
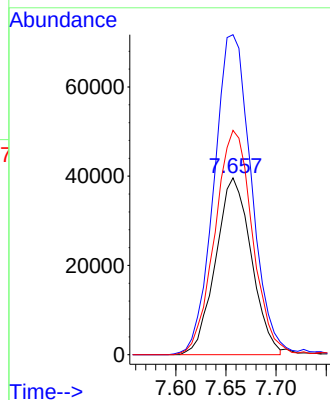
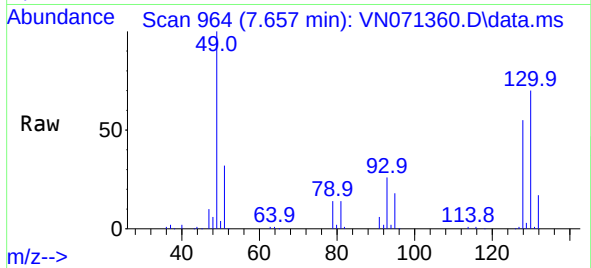




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

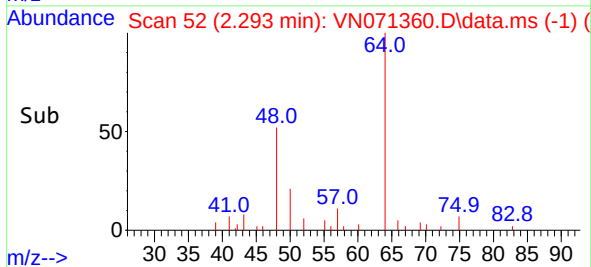
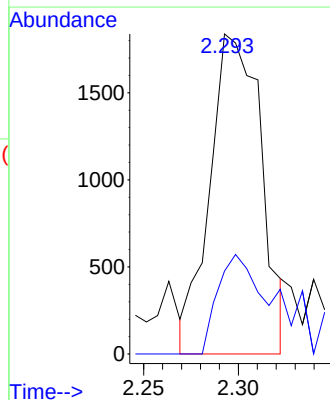
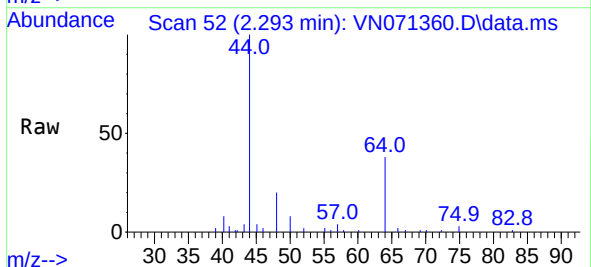
Instrument :
MSVOA_N
ClientSampleId :
IBLK

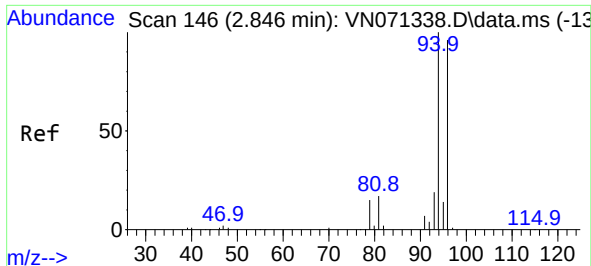
Tgt Ion:128 Resp: 97858
Ion Ratio Lower Upper
128 100
49 189.6 0.0 392.3
130 134.1 0.0 320.2



#3
Chloromethane
Concen: 0.410 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 50 Resp: 3465
Ion Ratio Lower Upper
50 100
52 29.0 27.8 41.6

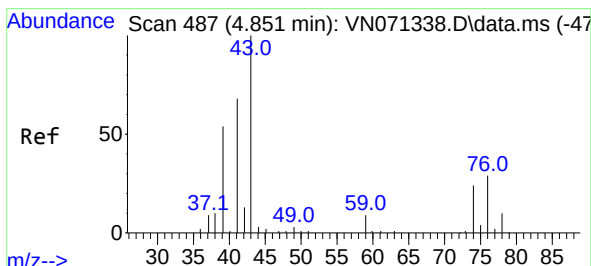
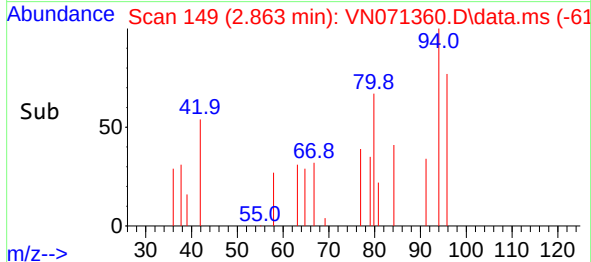
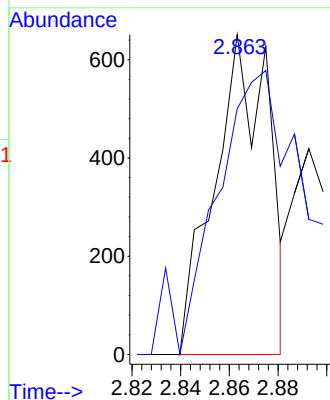
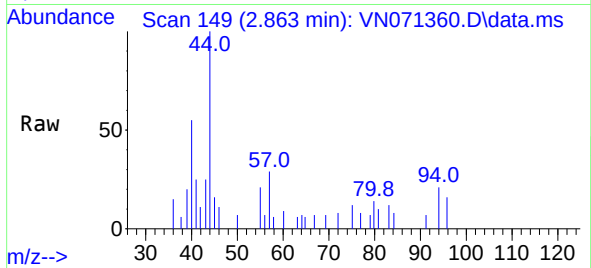




#5
Bromomethane
Concen: 0.261 ug/l
RT: 2.863 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

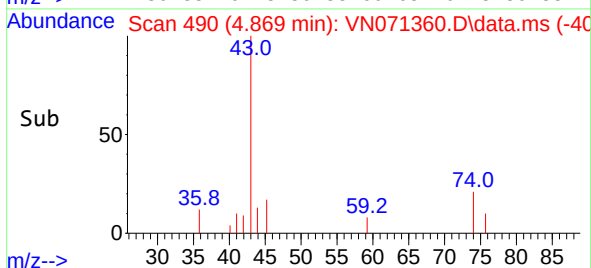
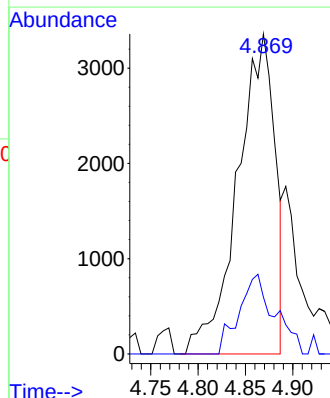
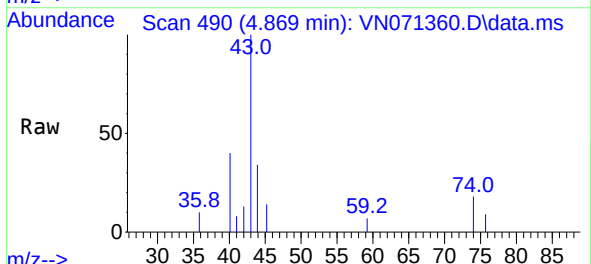
Instrument :
MSVOA_N
ClientSampleId :
IBLK

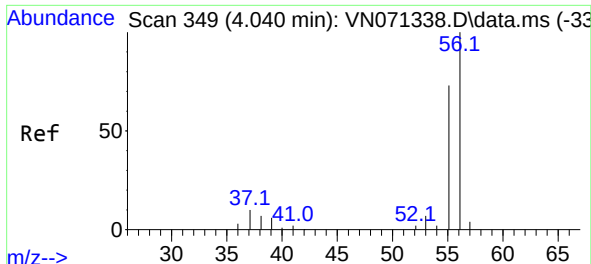
Tgt Ion: 94 Resp: 1013
Ion Ratio Lower Upper
94 100
96 76.8 75.2 112.8



#12
Methyl Acetate
Concen: 0.862 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 43 Resp: 9235
Ion Ratio Lower Upper
43 100
74 14.5 20.8 31.2#

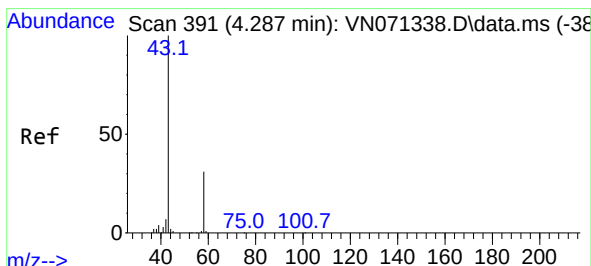
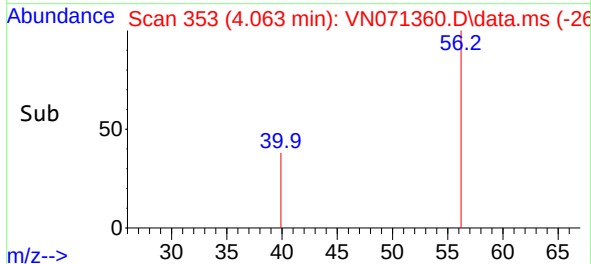
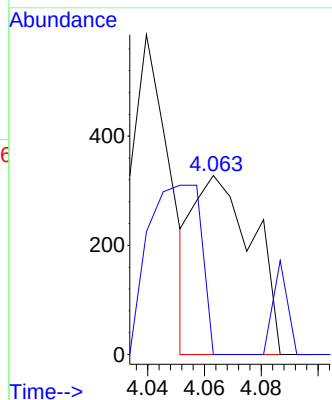
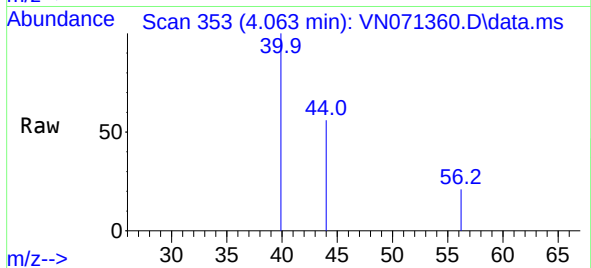




#13
Acrolein
Concen: 0.336 ug/l
RT: 4.063 min Scan# 31
Delta R.T. 0.023 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

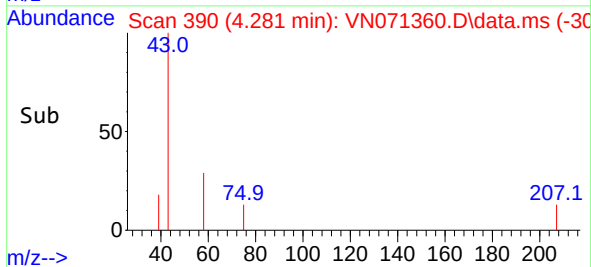
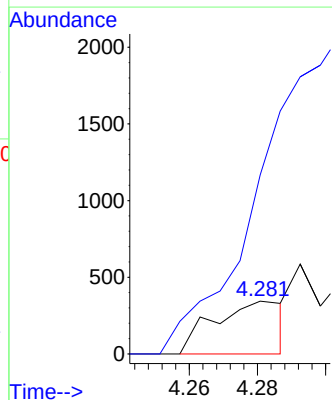
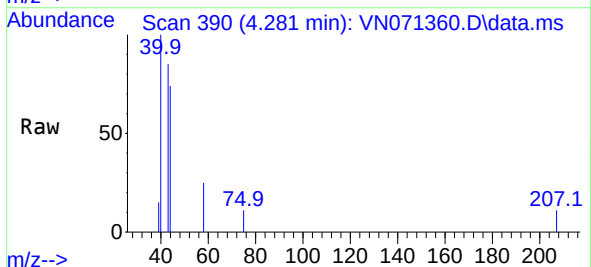
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 471
Ion Ratio Lower Upper
56 100
55 85.6 57.6 86.4

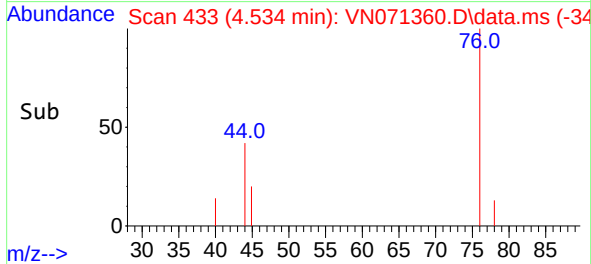
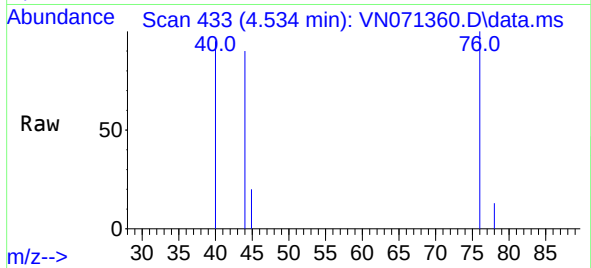
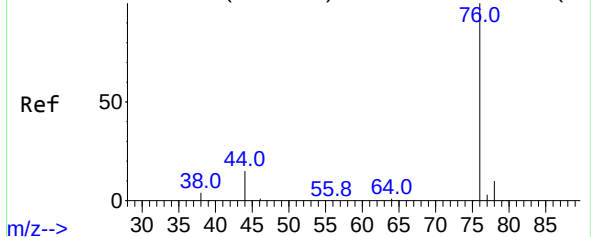


#15
Acetone
Concen: 0.422 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 58 Resp: 495
Ion Ratio Lower Upper
58 100
43 277.6 256.6 384.8



Abundance Scan 432 (4.528 min): VN071338.D\data.ms (-42



#16

Carbon Disulfide

Concen: 0.241 ug/l

RT: 4.534 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN071360.D

Acq: 17 Mar 2022 18:47

Instrument :

MSVOA_N

ClientSampleId :

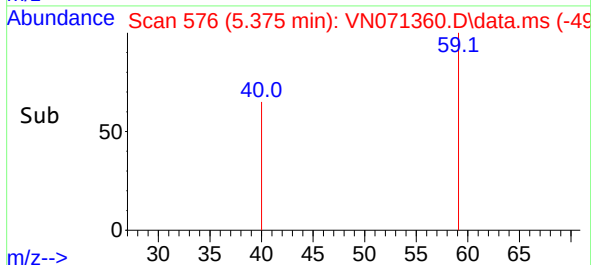
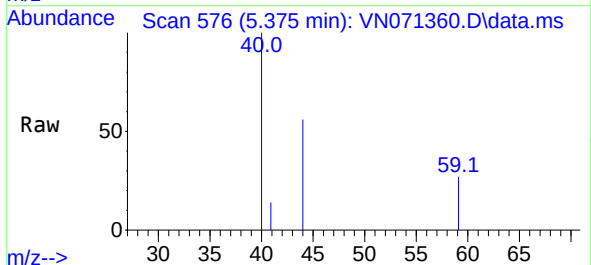
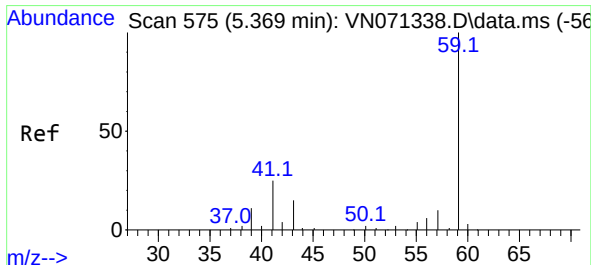
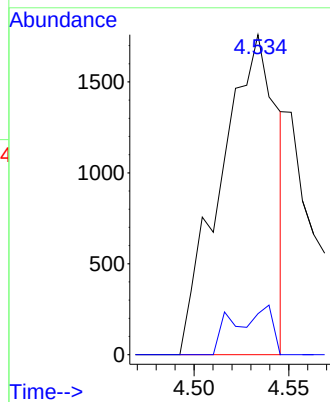
IBLK

Tgt Ion: 76 Resp: 3640

Ion Ratio Lower Upper

76 100

78 12.8 7.8 11.8#



#23

tert-Butyl Alcohol

Concen: 0.318 ug/l

RT: 5.375 min Scan# 576

Delta R.T. 0.006 min

Lab File: VN071360.D

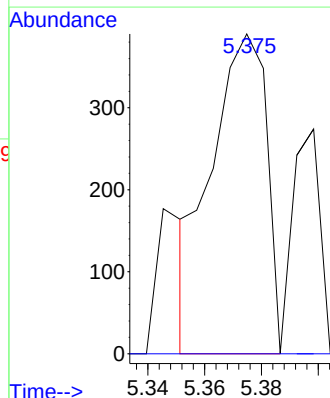
Acq: 17 Mar 2022 18:47

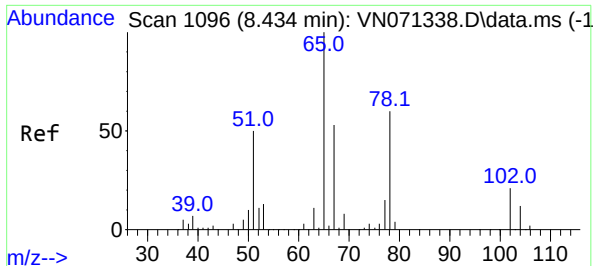
Tgt Ion: 59 Resp: 525

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

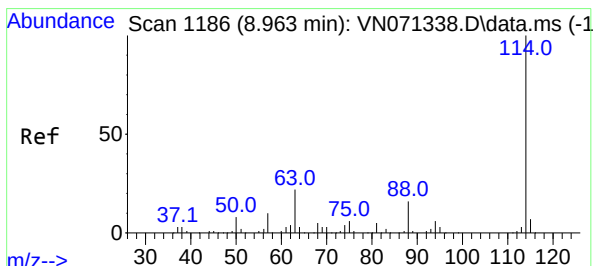
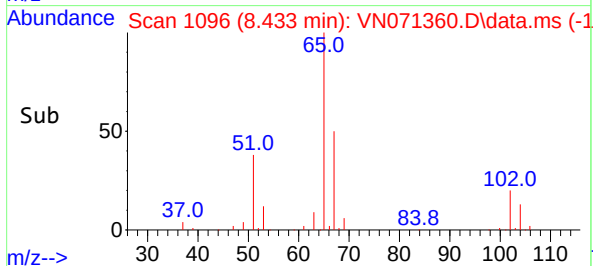
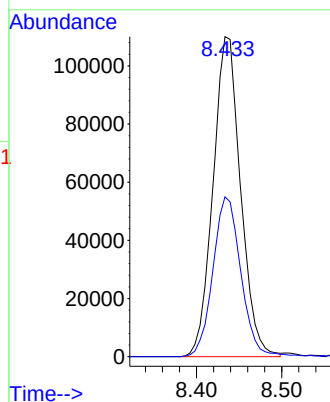
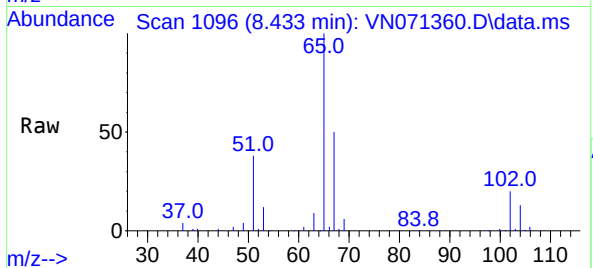




#27
1,2-Dichloroethane-d4
Concen: 31.818 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

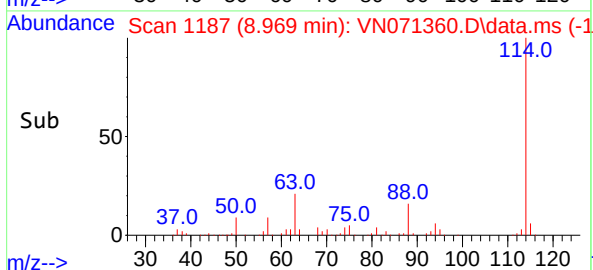
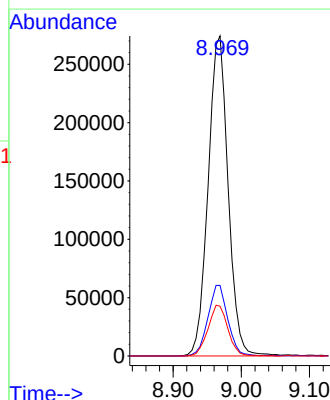
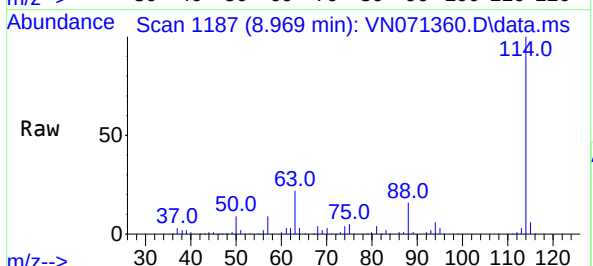
Instrument :
MSVOA_N
ClientSampleId :
IBLK

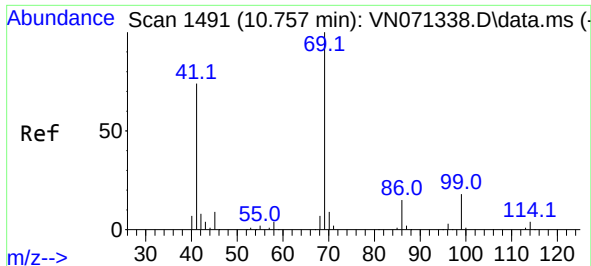
Tgt Ion: 65 Resp: 247207
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 114 Resp: 559808
Ion Ratio Lower Upper
114 100
63 21.9 15.8 23.6
88 15.8 11.6 17.4



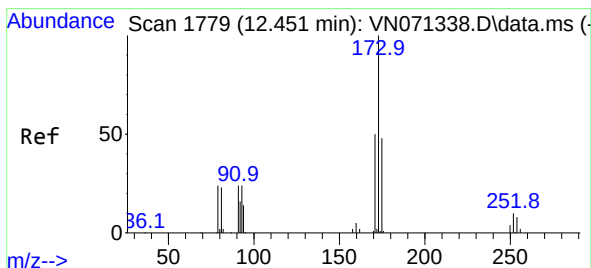
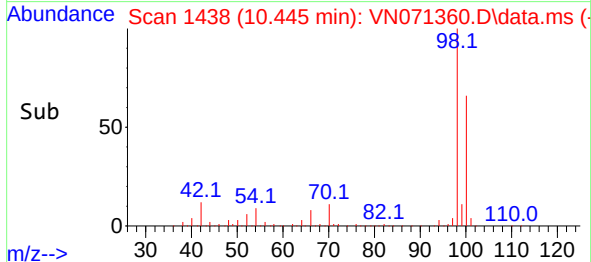
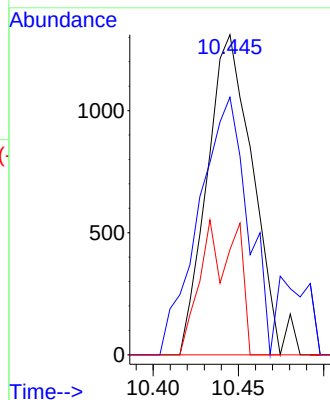
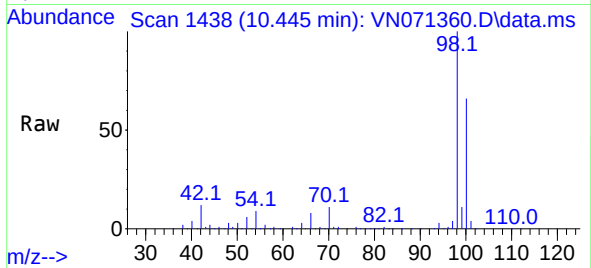


#51
Ethyl methacrylate
Concen: 0.205 ug/l
RT: 10.445 min Scan# 1491
Delta R.T. -0.312 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 69 Resp: 2398

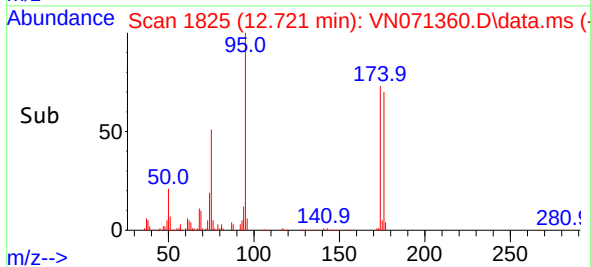
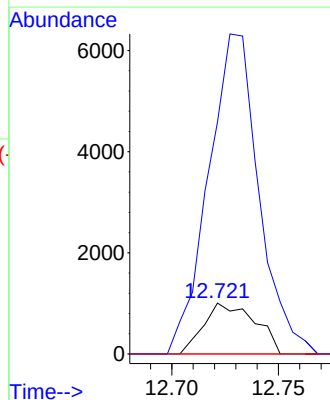
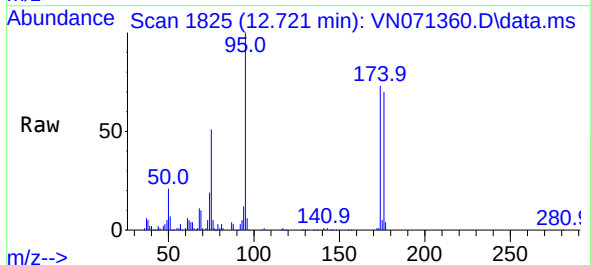
Ion	Ratio	Lower	Upper
69	100		
41	61.7	33.0	98.9
39	32.9	25.4	76.4

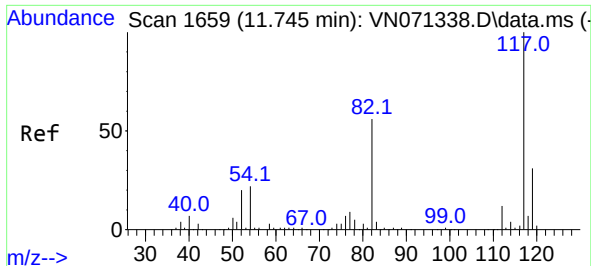


#56
Bromoform
Concen: 0.308 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 173 Resp: 1687

Ion	Ratio	Lower	Upper
173	100		
175	619.9	38.6	58.0#
254	0.0	0.0	0.0

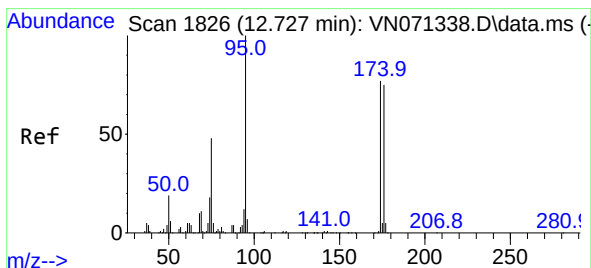
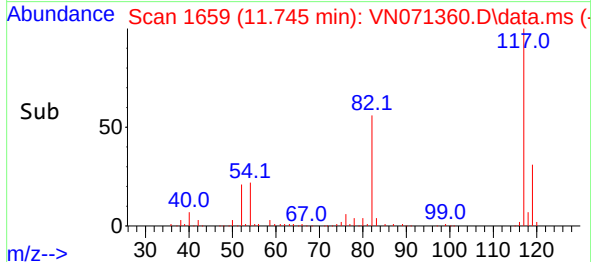
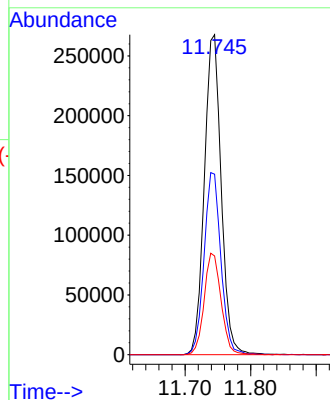
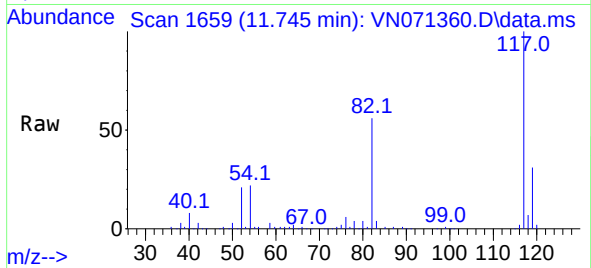




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

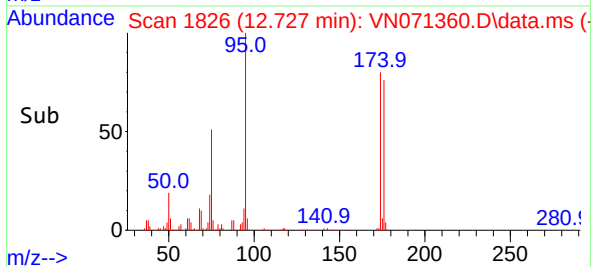
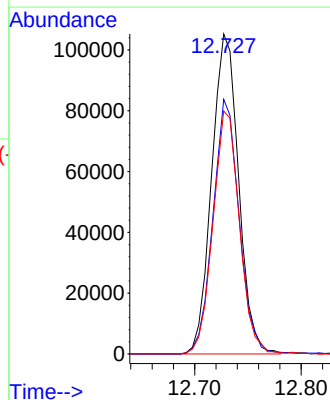
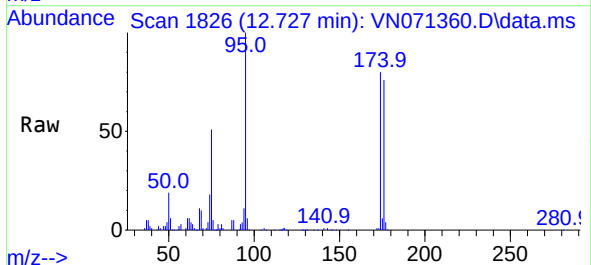
Instrument :
MSVOA_N
ClientSampleId :
IBLK

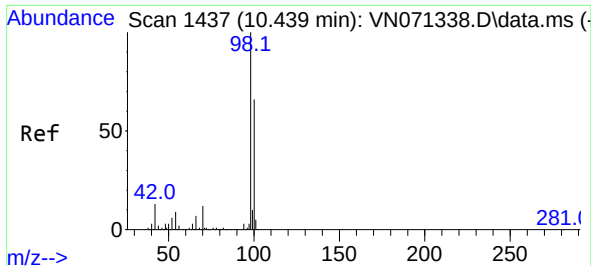
Tgt Ion:117 Resp: 479387
Ion Ratio Lower Upper
117 100
82 56.7 43.6 65.4
119 31.7 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 24.917 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 95 Resp: 184537
Ion Ratio Lower Upper
95 100
174 77.4 62.9 94.3
176 74.4 61.0 91.4

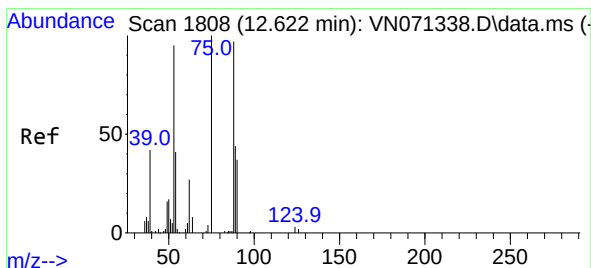
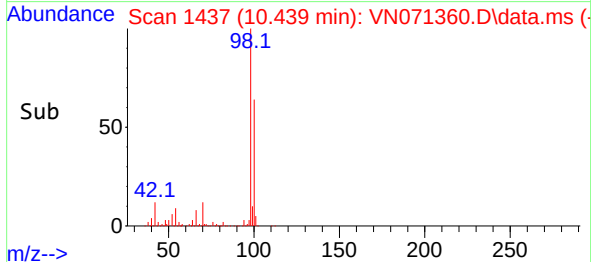
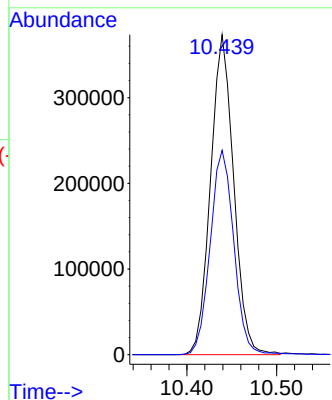
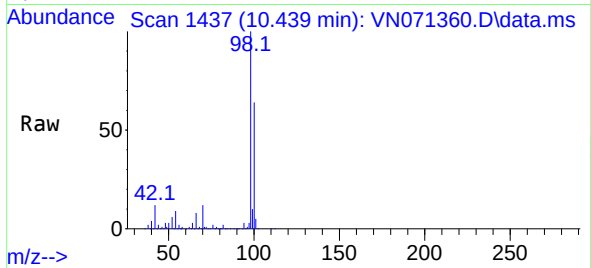




#63
Toluene-d8
Concen: 30.301 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

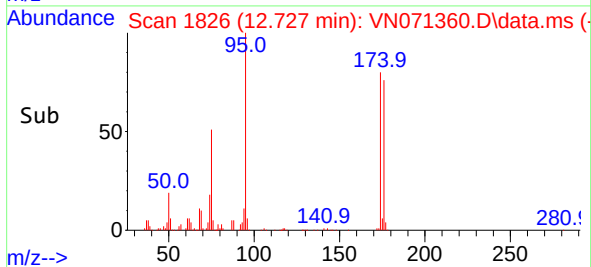
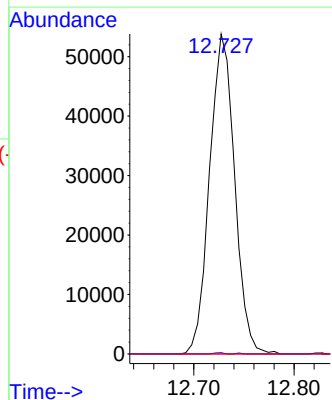
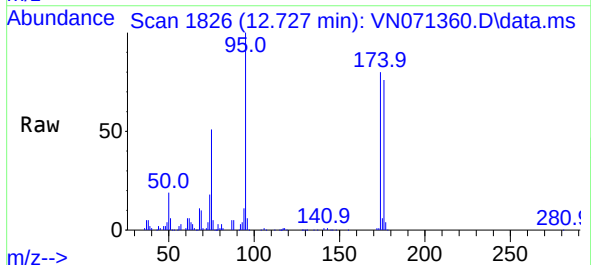
Instrument :
MSVOA_N
ClientSampleId :
IBLK

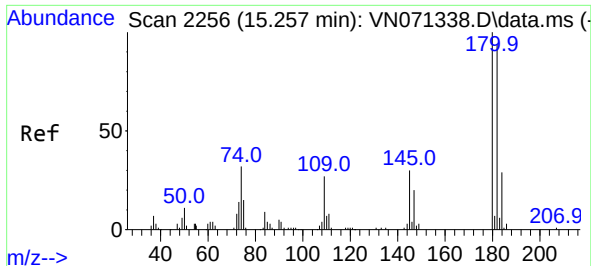
Tgt Ion: 98 Resp: 668211
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 30.988 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion: 75 Resp: 93493
Ion Ratio Lower Upper
75 100
53 0.4 51.8 155.5#
89 0.0 22.9 68.7#

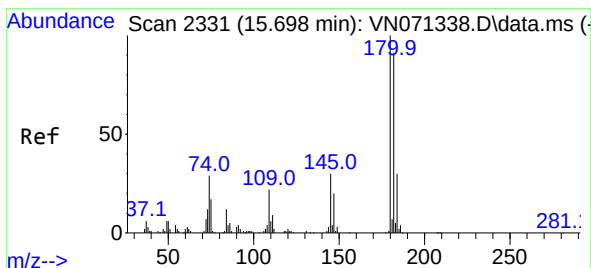
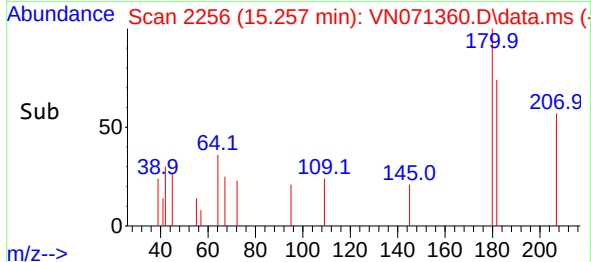
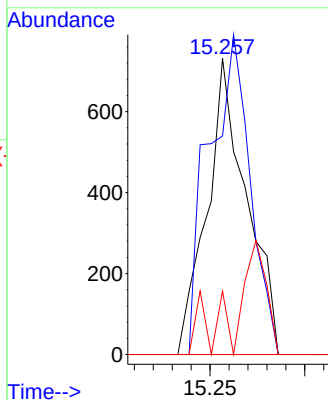
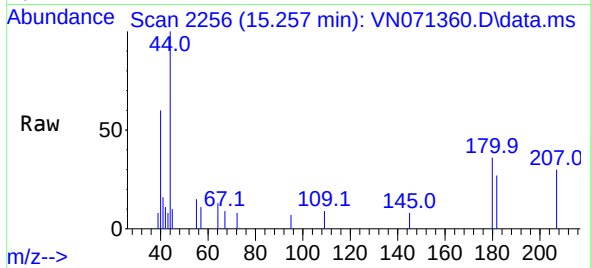




#89
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:180 Resp: 1058
Ion Ratio Lower Upper
180 100
182 78.2 77.7 116.5
145 21.1 26.6 39.8#



#92
1,2,3-Trichlorobenzene
Concen: 0.208 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.441 min
Lab File: VN071360.D
Acq: 17 Mar 2022 18:47

Tgt Ion:180 Resp: 1058
Ion Ratio Lower Upper
180 100
182 78.2 0.0 190.0
145 21.1 0.0 67.8

