

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073775.D
 Acq On : 08 Aug 2022 17:15
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 09 00:29:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

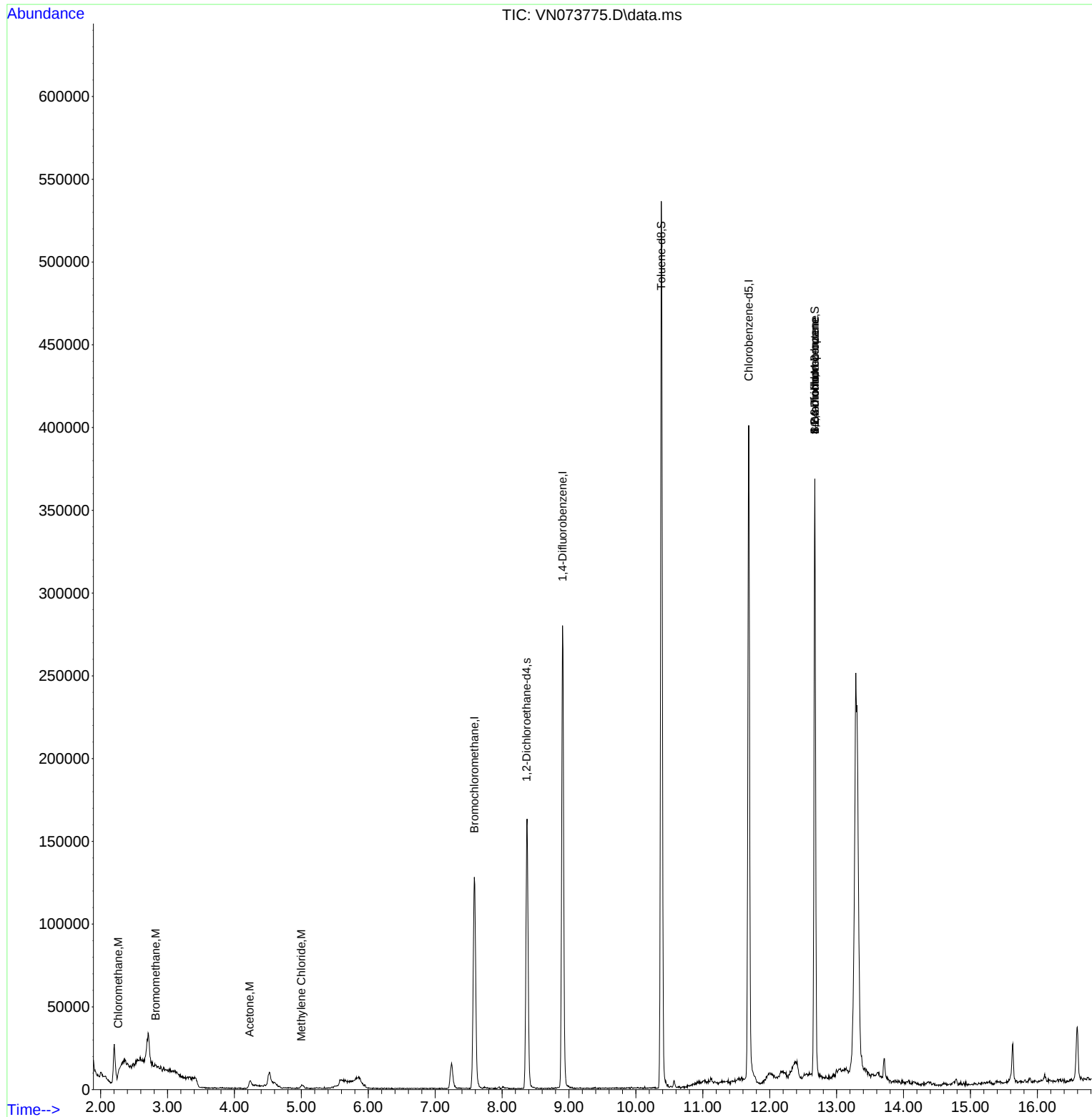
Internal Standards						
1) Bromochloromethane	7.587	128	50607	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	253609	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	240572	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	133996	30.624	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.067%
60) 4-Bromofluorobenzene	12.674	95	118068	27.718	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.400%
63) Toluene-d8	10.380	98	379121	27.987	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1020	0.224	ug/l	99
5) Bromomethane	2.822	94	650	0.229	ug/l #	3
15) Acetone	4.228	58	1141	1.652	ug/l	73
18) Methylene Chloride	4.998	84	1167	0.291	ug/l #	46
56) Bromoform	12.674	173	1124	0.358	ug/l #	1
72) 1,2,3-Trichloropropane	12.674	75	59191	11.611	ug/l	1
77) t-1,4-Dichloro-2-butene	12.674	75	59191	31.861	ug/l #	9

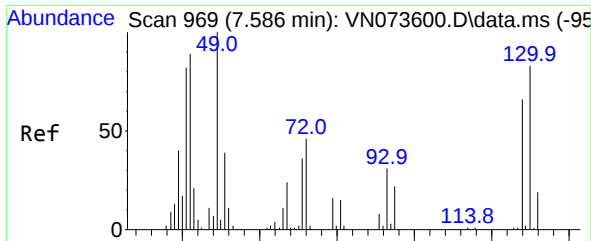
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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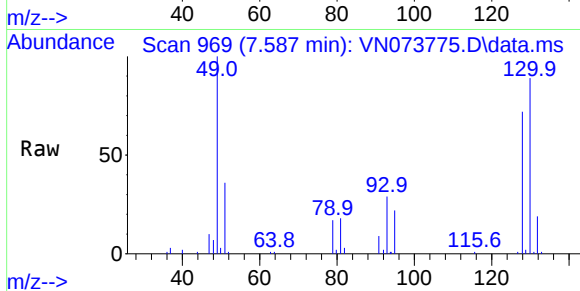
Quant Time: Aug 09 00:29:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 2022
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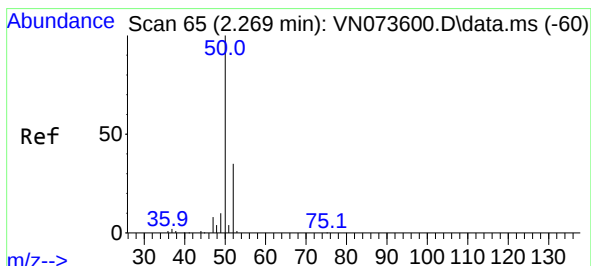
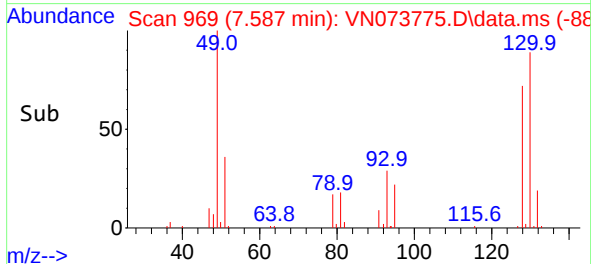
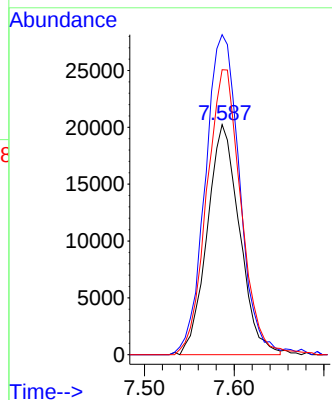


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.001 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

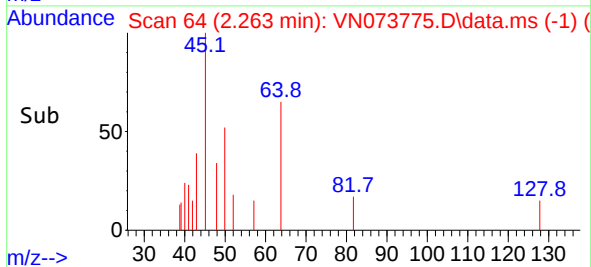
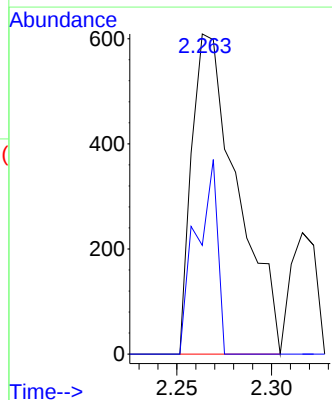
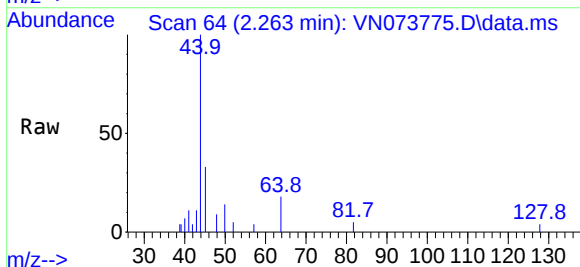


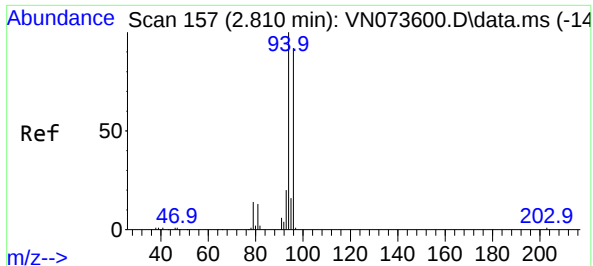
Tgt Ion:128 Resp: 50607
Ion Ratio Lower Upper
128 100
49 147.2 0.0 392.3
130 131.0 0.0 320.2



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Tgt Ion: 50 Resp: 1020
Ion Ratio Lower Upper
50 100
52 34.0 27.8 41.6

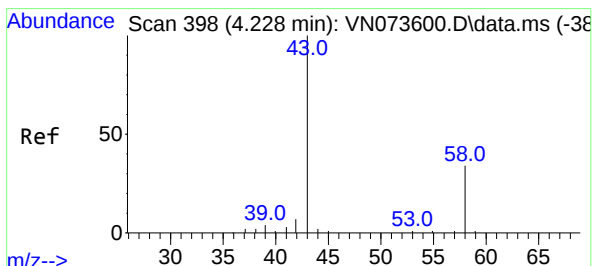
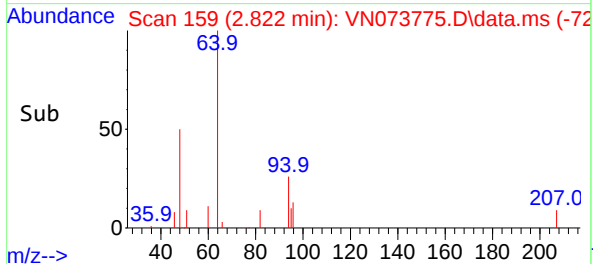
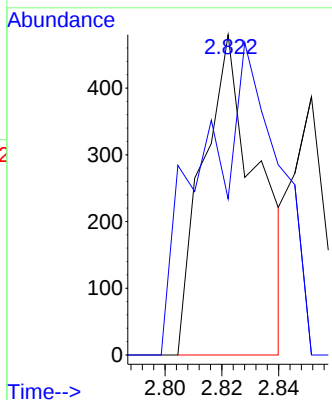
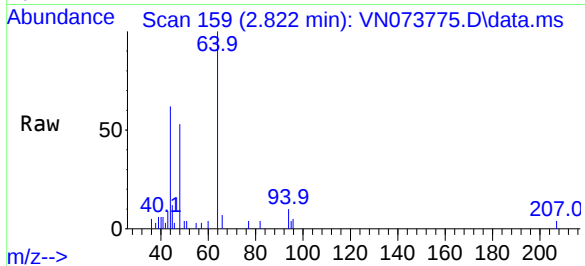




#5
Bromomethane
Concen: 0.229 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

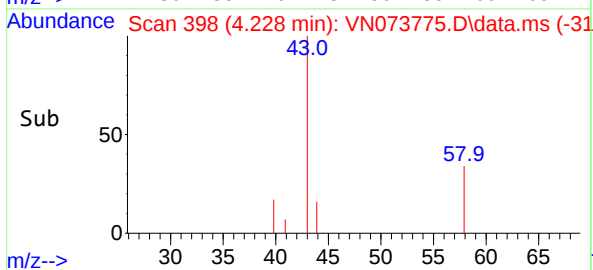
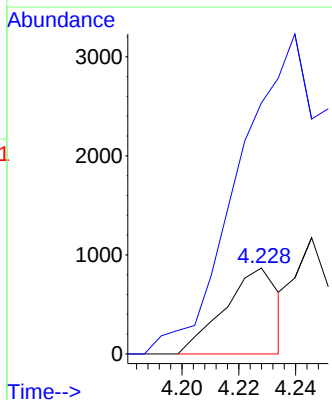
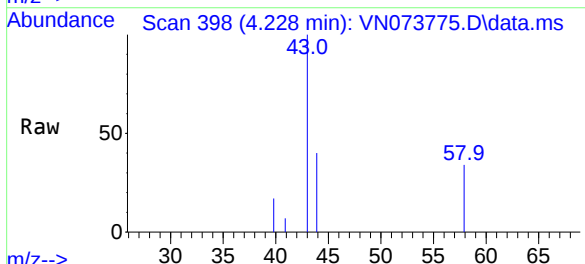
Instrument :
MSVOA_N
ClientSampleId :
IBLK

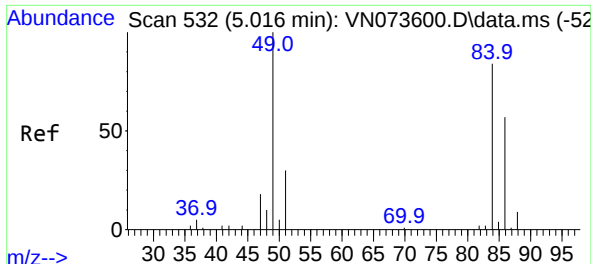
Tgt Ion: 94 Resp: 650
Ion Ratio Lower Upper
94 100
96 0.0 75.2 112.8#



#15
Acetone
Concen: 1.652 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Tgt Ion: 58 Resp: 1141
Ion Ratio Lower Upper
58 100
43 264.7 256.6 384.8



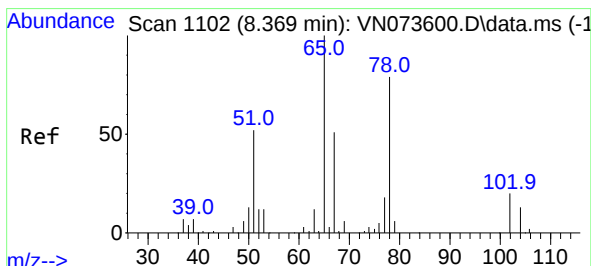
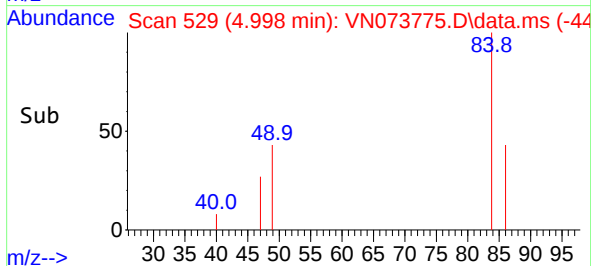
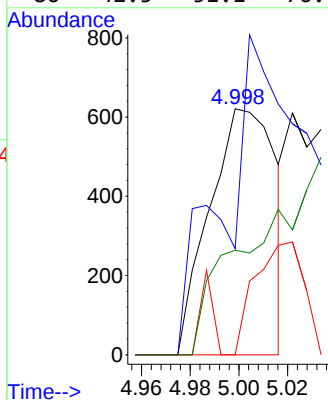
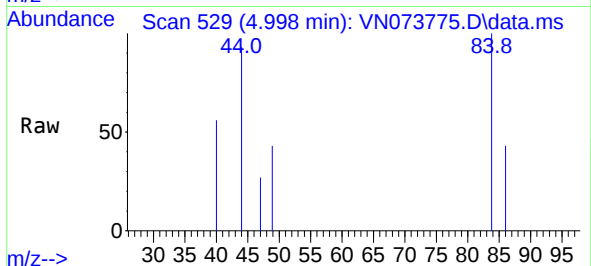


#18
Methylene Chloride
Concen: 0.291 ug/l
RT: 4.998 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1167

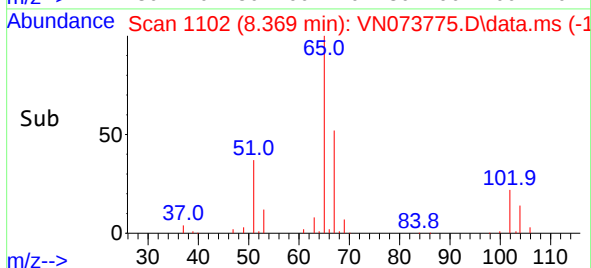
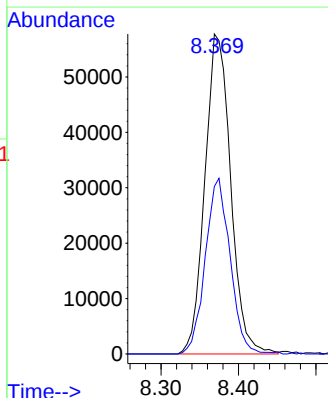
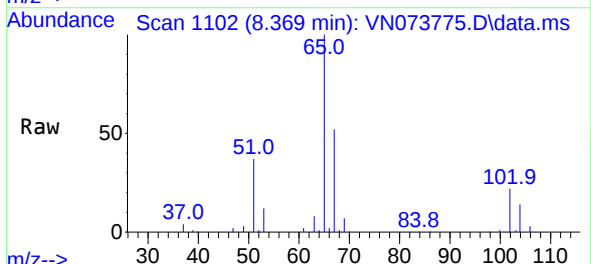
Ion	Ratio	Lower	Upper
84	100		
49	43.2	91.4	137.0#
51	0.0	29.4	44.0#
86	42.5	51.1	76.7#

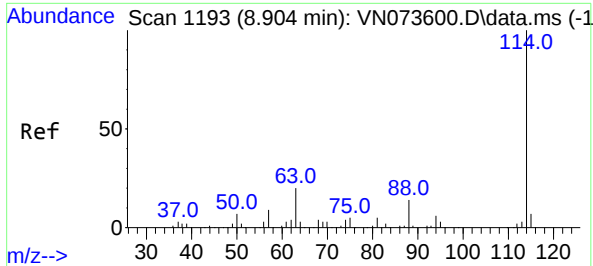


#27
1,2-Dichloroethane-d4
Concen: 30.624 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Tgt Ion: 65 Resp: 133996

Ion	Ratio	Lower	Upper
65	100		
67	52.6	40.2	60.2



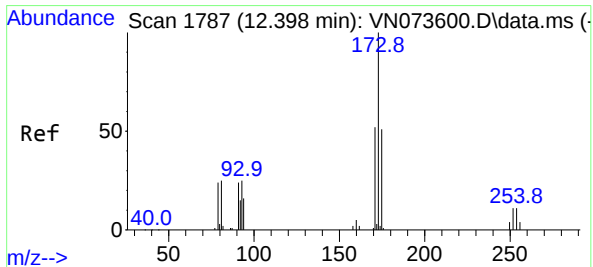
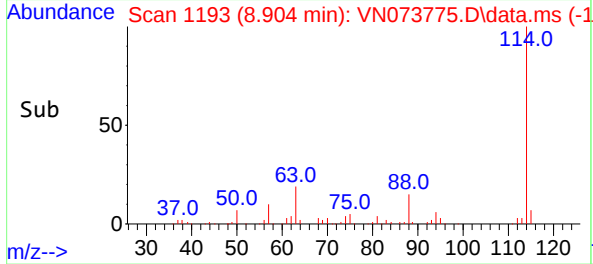
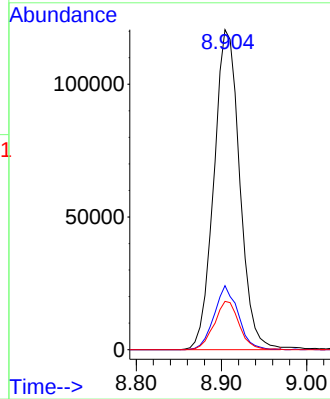
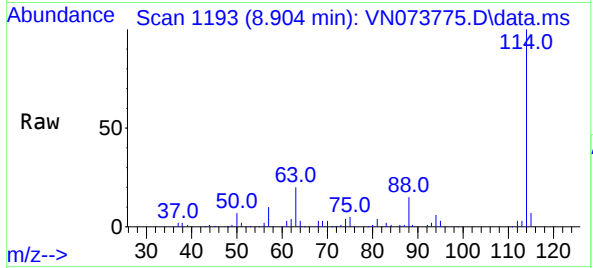


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 253609

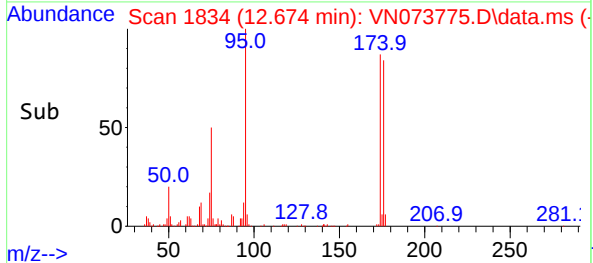
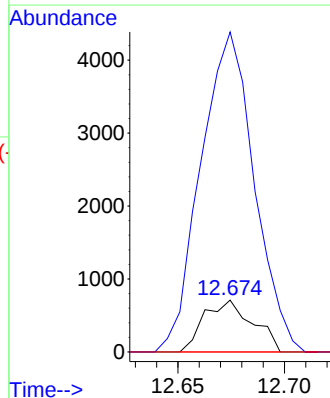
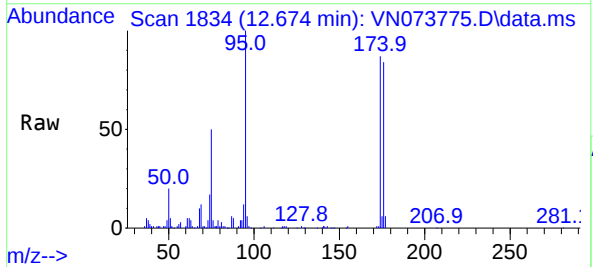
Ion	Ratio	Lower	Upper
114	100		
63	18.6	15.8	23.6
88	14.5	11.6	17.4

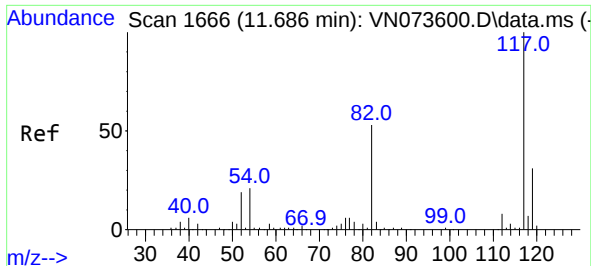


#56
Bromoform
Concen: 0.358 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.277 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Tgt Ion:173 Resp: 1124

Ion	Ratio	Lower	Upper
173	100		
175	682.3	38.6	58.0#
254	0.0	0.0	0.0



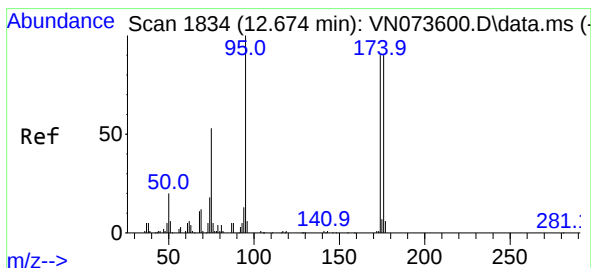
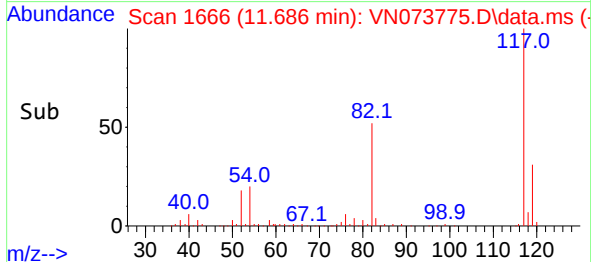
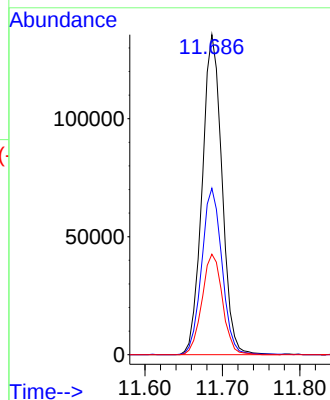
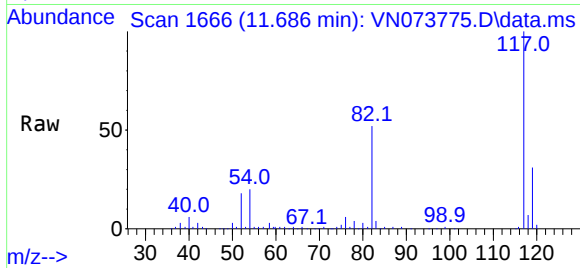


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 240572

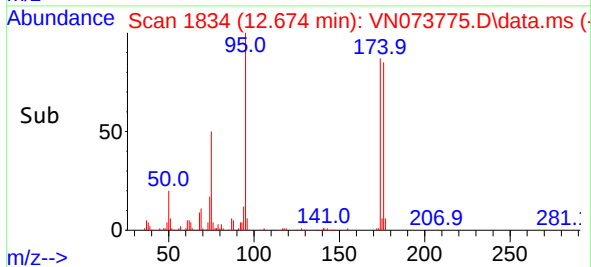
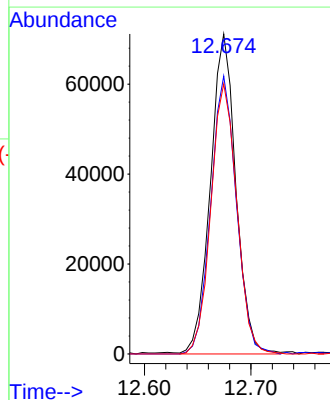
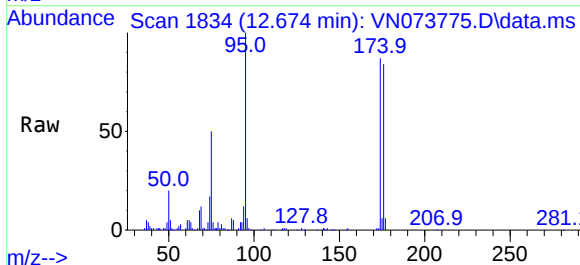
Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.6	65.4
119	32.4	25.8	38.6

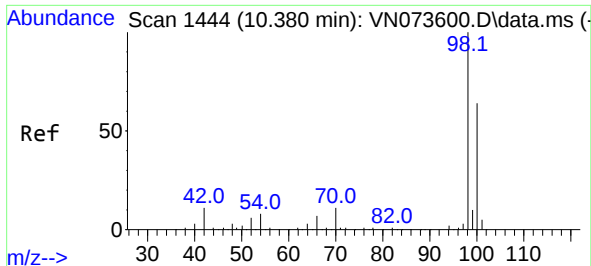


#60
4-Bromofluorobenzene
Concen: 27.718 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Tgt Ion: 95 Resp: 118068

Ion	Ratio	Lower	Upper
95	100		
174	87.3	62.9	94.3
176	85.8	61.0	91.4

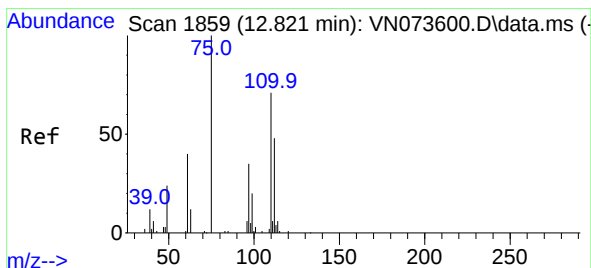
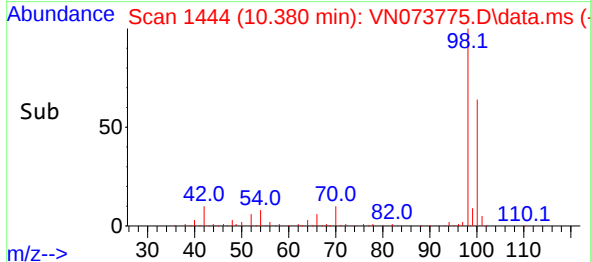
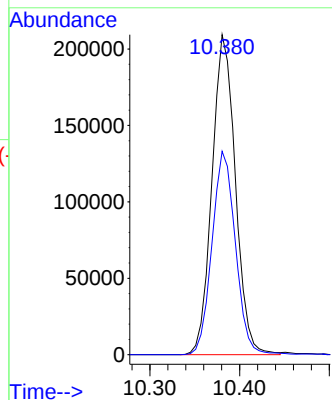
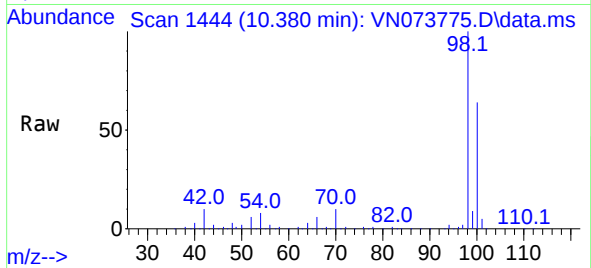




#63
Toluene-d8
Concen: 27.987 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

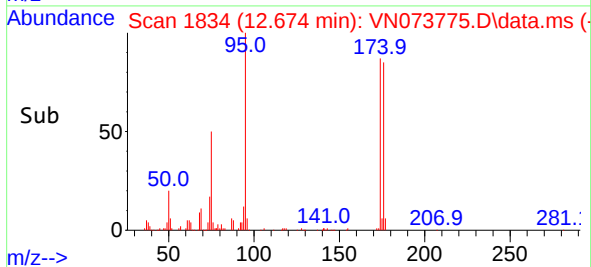
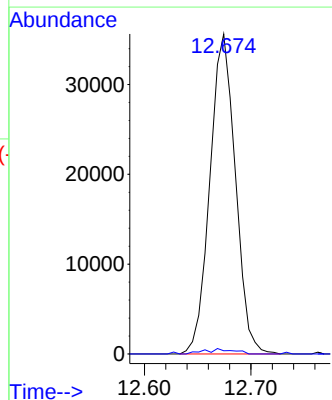
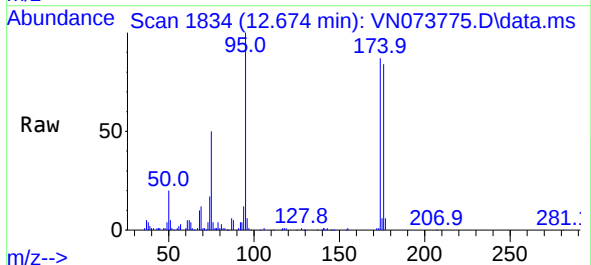
Instrument :
MSVOA_N
ClientSampleId :
IBLK

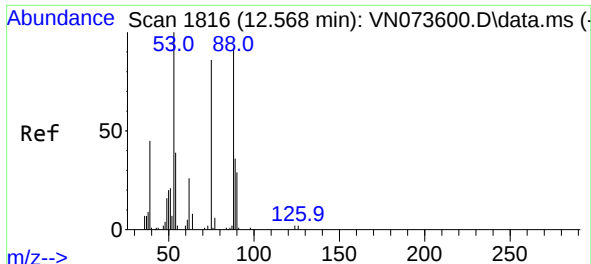
Tgt Ion: 98 Resp: 379121
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0



#72
1,2,3-Trichloropropane
Concen: 11.611 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

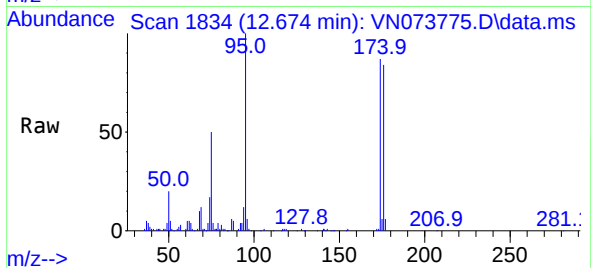
Tgt Ion: 75 Resp: 59191
Ion Ratio Lower Upper
75 100
77 0.6 0.0 378.0





#77
t-1,4-Dichloro-2-butene
Concen: 31.861 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN073775.D
Acq: 08 Aug 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	75	Resp:	59191
Ion	Ratio	Lower	Upper
75	100		
53	0.4	51.8	155.5#
89	0.0	22.9	68.7#

