

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073835.D
 Acq On : 11 Aug 2022 19:21
 Operator : JC\MD
 Sample : N4120-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BLDG-19C

Quant Time: Aug 12 06:09:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

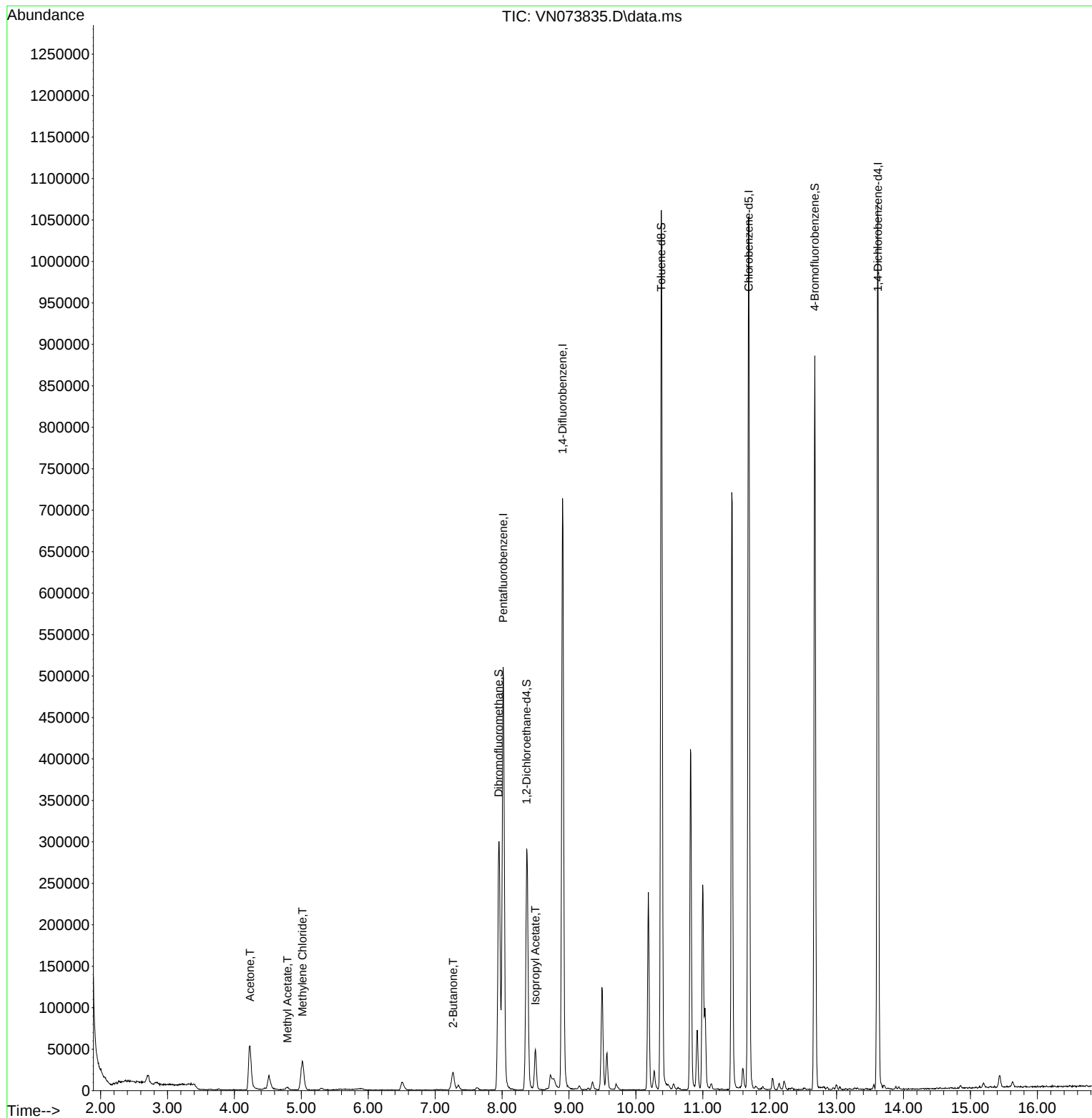
Internal Standards						
1) Pentafluorobenzene	8.016	168	418115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	663641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	649505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	310947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	241402	47.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.760%
35) Dibromofluoromethane	7.951	113	227740	54.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.300%
50) Toluene-d8	10.380	98	748615	45.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.300%
62) 4-Bromofluorobenzene	12.674	95	283081	49.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.440%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	102526	37.462	ug/l	99
18) Methyl Acetate	4.793	43	8020	1.178	ug/l #	87
20) Methylene Chloride	5.016	84	30117	4.810	ug/l	99
25) 2-Butanone	7.269	43	30364	7.144	ug/l	92
43) Isopropyl Acetate	8.498	43	53240	5.039	ug/l #	92

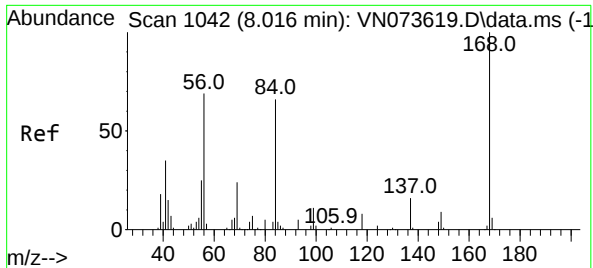
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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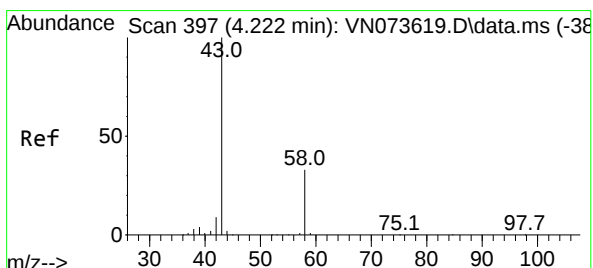
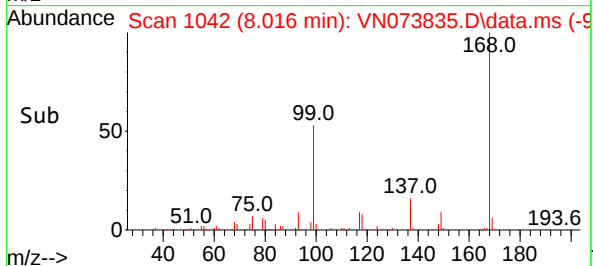
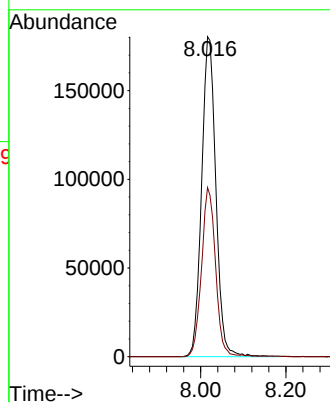
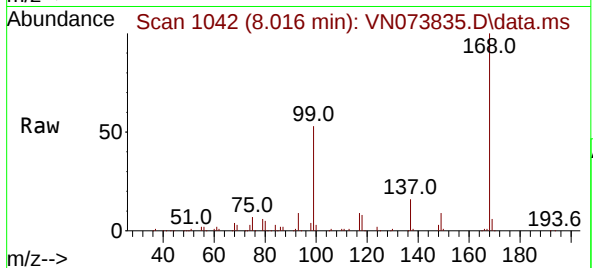




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

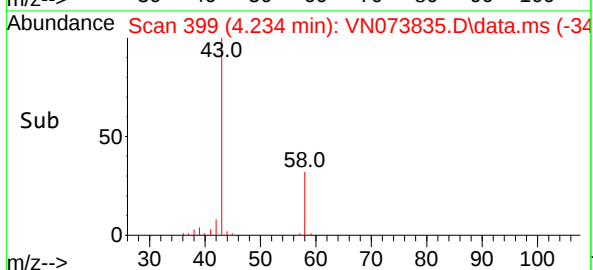
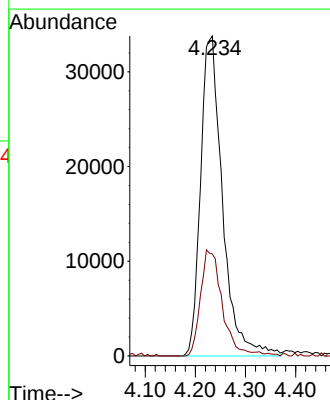
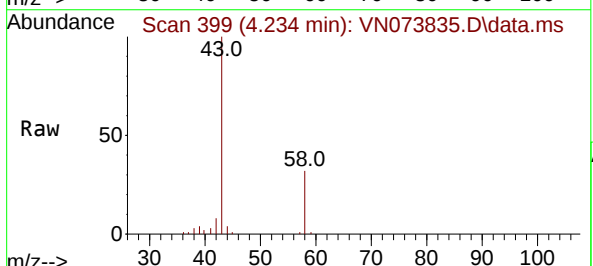
Instrument :
MSVOA_N
ClientSampleId :
BLDG-19C

Tgt Ion:168 Resp: 418115
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5



#16
Acetone
Concen: 37.462 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

Tgt Ion: 43 Resp: 102526
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0

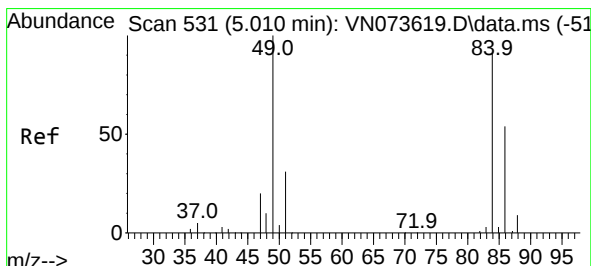
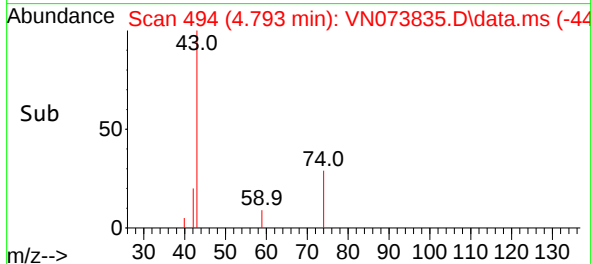
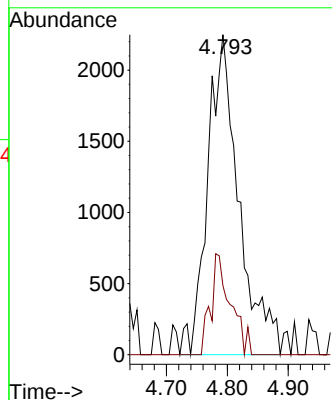
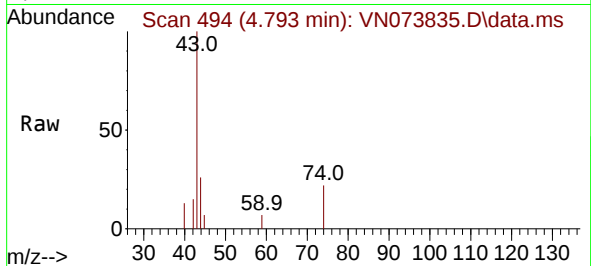




#18
Methyl Acetate
Concen: 1.178 ug/l
RT: 4.793 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

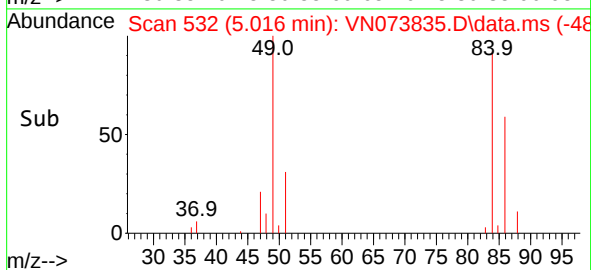
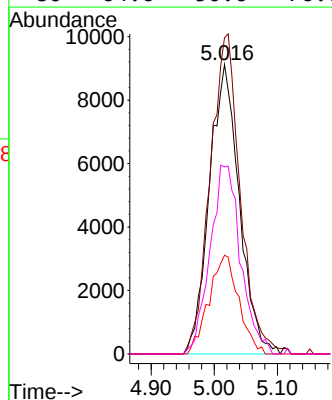
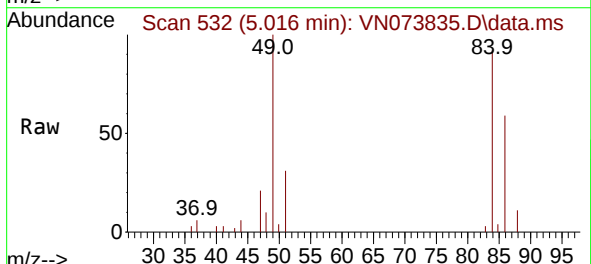
Instrument :
MSVOA_N
ClientSampleId :
BLDG-19C

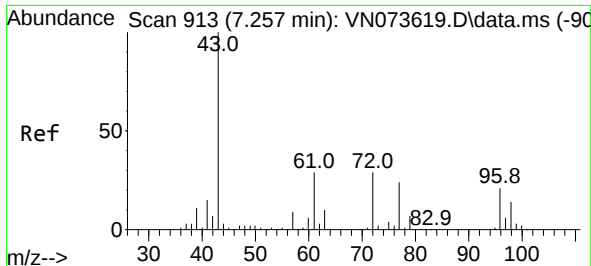
Tgt Ion: 43 Resp: 8020
Ion Ratio Lower Upper
43 100
74 20.1 21.6 32.4#



#20
Methylene Chloride
Concen: 4.810 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

Tgt Ion: 84 Resp: 30117
Ion Ratio Lower Upper
84 100
49 109.3 88.3 132.5
51 34.1 28.2 42.2
86 64.6 50.6 76.0

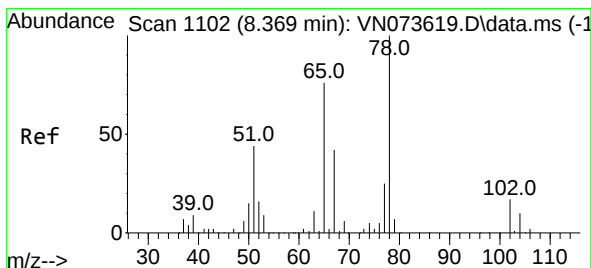
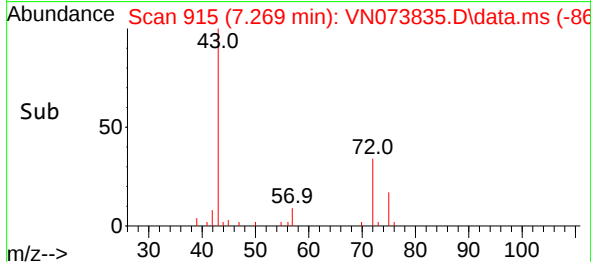
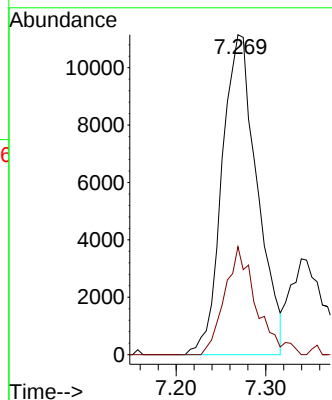
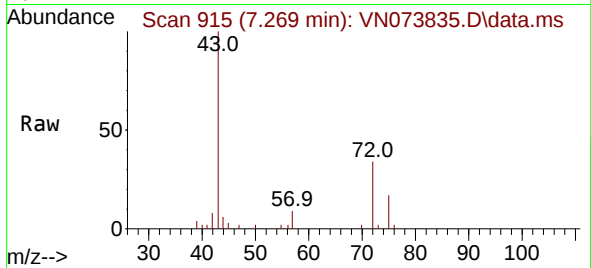




#25
2-Butanone
Concen: 7.144 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

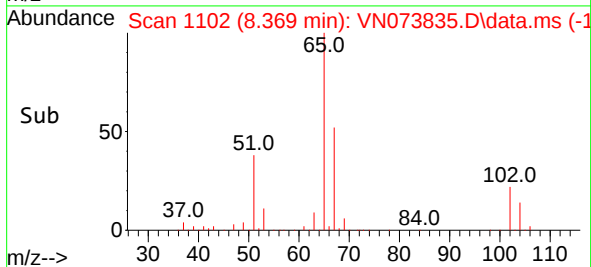
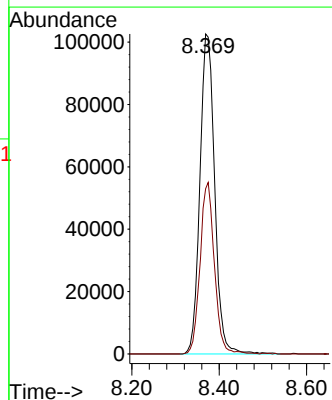
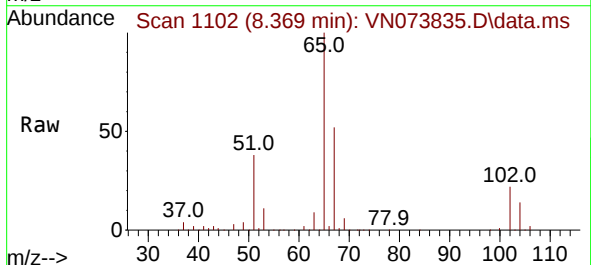
Instrument :
MSVOA_N
ClientSampleId :
BLDG-19C

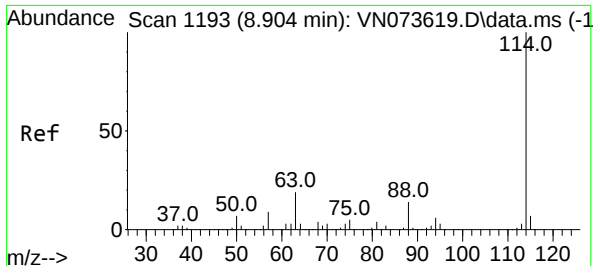
Tgt Ion: 43 Resp: 30364
Ion Ratio Lower Upper
43 100
72 33.7 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 47.376 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

Tgt Ion: 65 Resp: 241402
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073835.D

Acq: 11 Aug 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

BLDG-19C

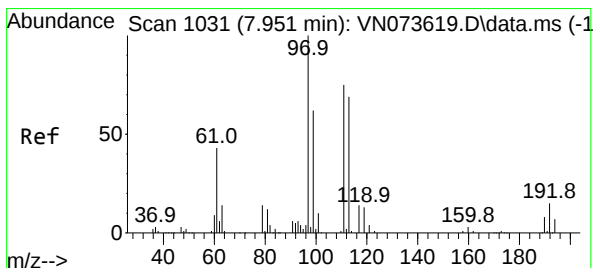
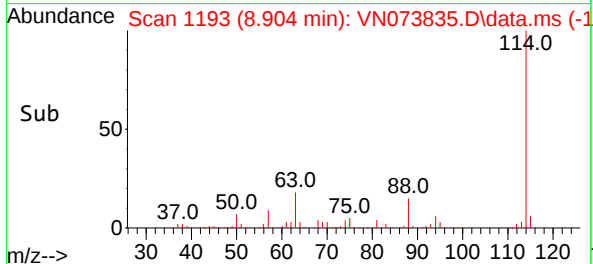
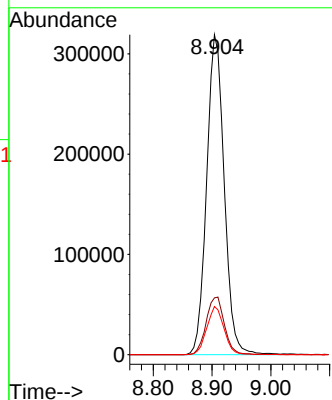
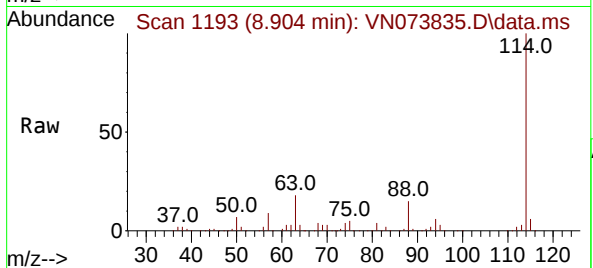
Tgt Ion:114 Resp: 663641

Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.650 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073835.D

Acq: 11 Aug 2022 19:21

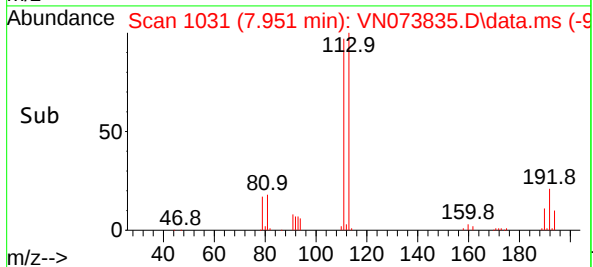
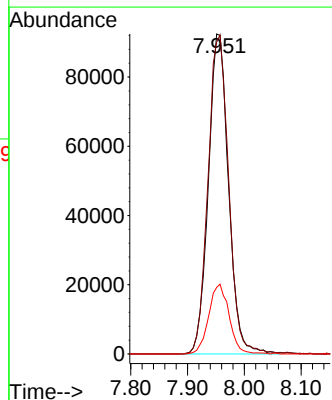
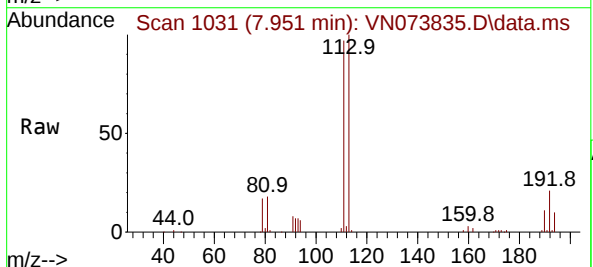
Tgt Ion:113 Resp: 227740

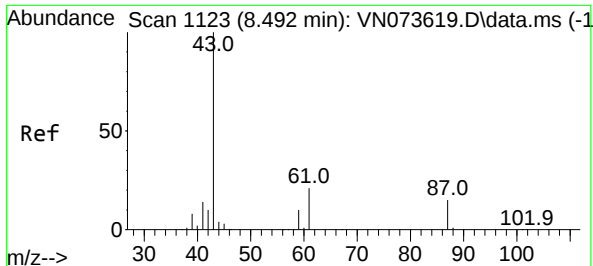
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 22.1 17.0 25.6

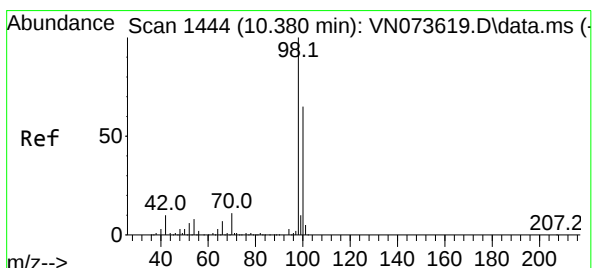
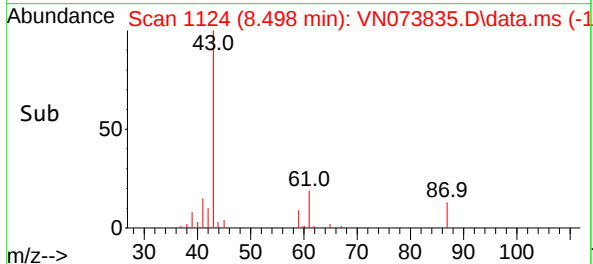
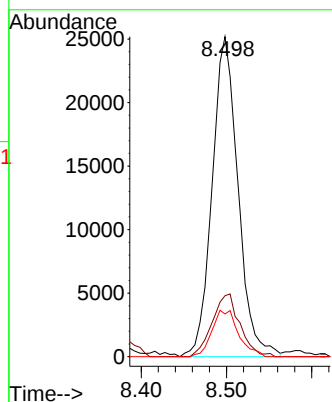
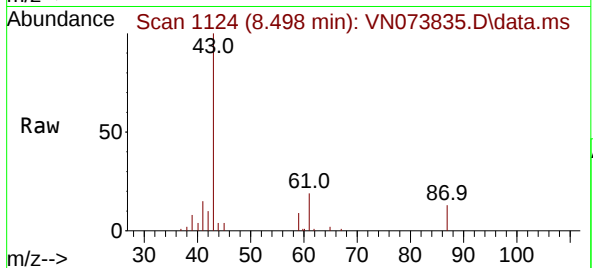




#43
Isopropyl Acetate
Concen: 5.039 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

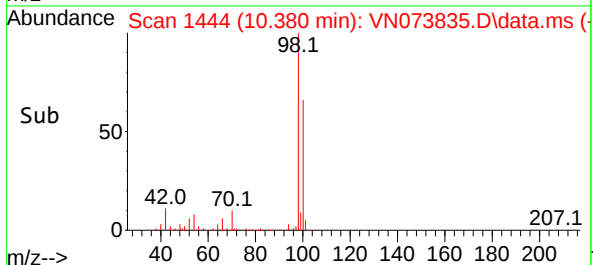
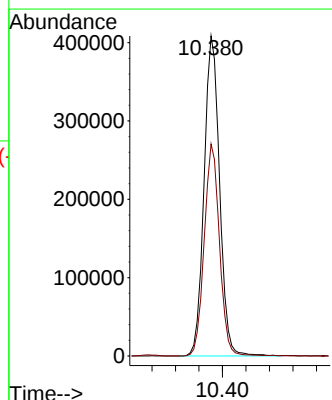
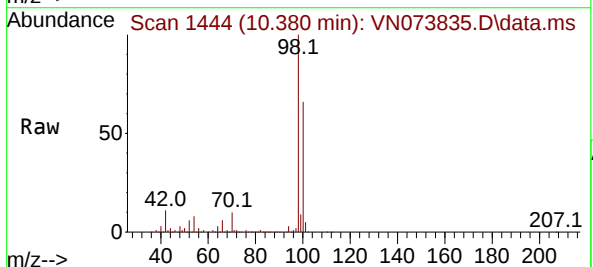
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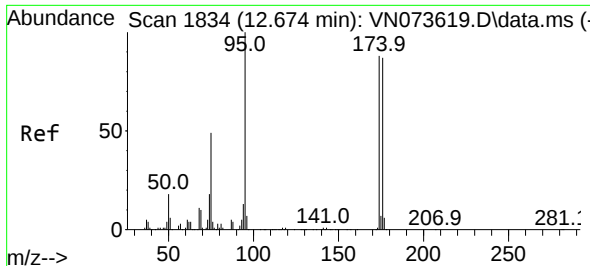
Tgt Ion: 43 Resp: 53240
Ion Ratio Lower Upper
43 100
61 20.9 21.9 32.9#
87 14.9 12.0 18.0



#50
Toluene-d8
Concen: 45.651 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

Tgt Ion: 98 Resp: 748615
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

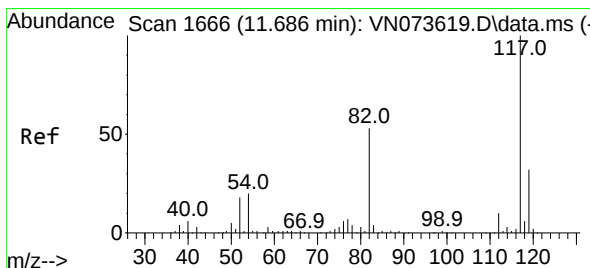
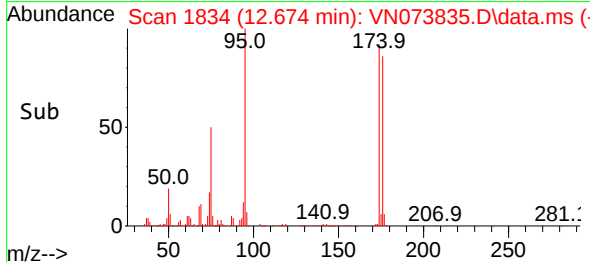
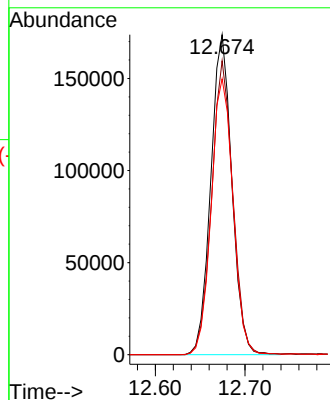
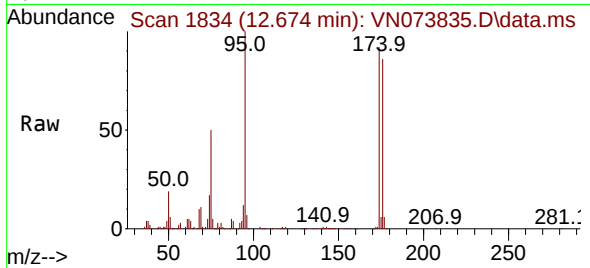




#62
4-Bromofluorobenzene
Concen: 49.220 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

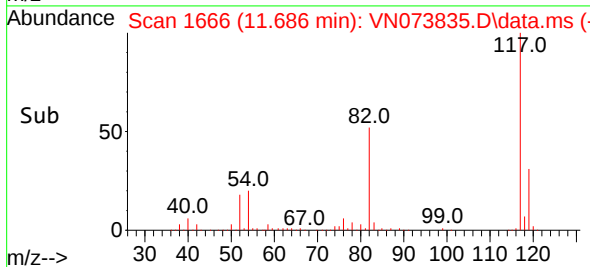
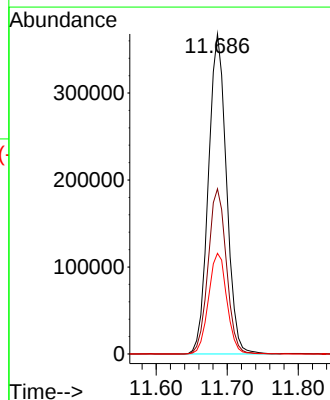
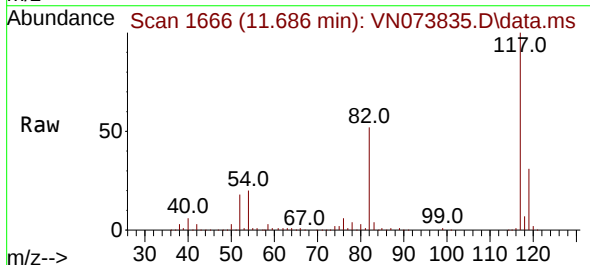
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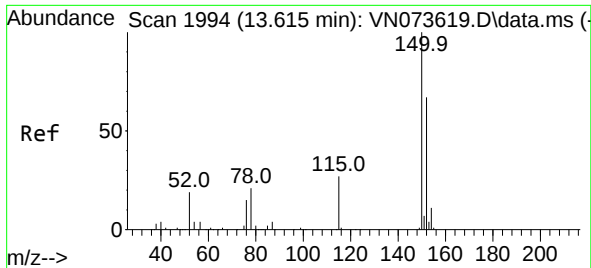
Tgt Ion: 95 Resp: 283081
Ion Ratio Lower Upper
95 100
174 92.6 0.0 167.6
176 89.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073835.D
Acq: 11 Aug 2022 19:21

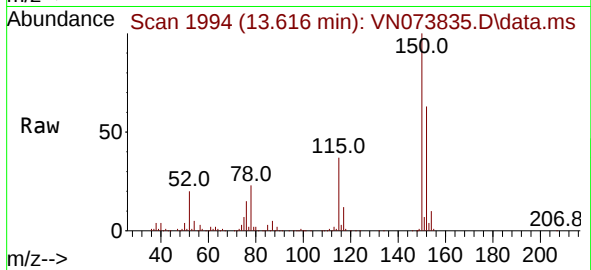
Tgt Ion: 117 Resp: 649505
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073835.D
 Acq: 11 Aug 2022 19:21

Instrument :
 MSVOA_N
 ClientSampleId :
 BLDG-19C



Tgt Ion:152 Resp: 310947
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.9 86.7
 150 157.1 0.0 356.2

