

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073745.D
 Acq On : 04 Aug 2022 18:48
 Operator : JC\MD
 Sample : N4023-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP1-1-6

Quant Time: Aug 05 00:32:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

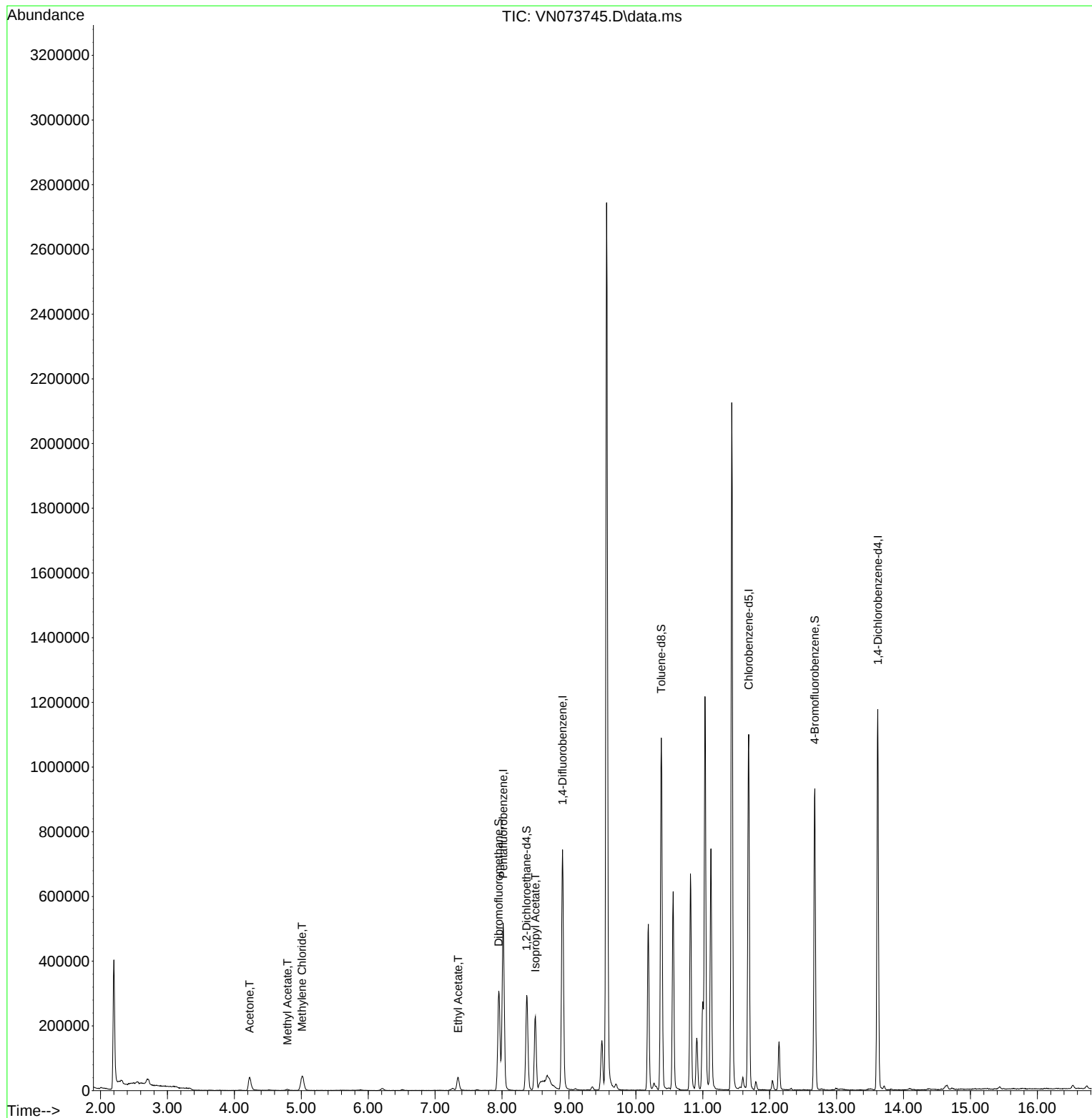
Internal Standards						
1) Pentafluorobenzene	8.016	168	425470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	684659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	670651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	332359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	240482	46.380	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.760%
35) Dibromofluoromethane	7.951	113	224896	52.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.620%
50) Toluene-d8	10.381	98	782564	46.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.520%
62) 4-Bromofluorobenzene	12.675	95	308006	53.718	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.440%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	75290	27.035	ug/l	95
18) Methyl Acetate	4.793	43	7094	1.024	ug/l #	83
20) Methylene Chloride	5.010	84	39858	6.949	ug/l	95
37) Ethyl Acetate	7.346	43	67682	8.387	ug/l	99
43) Isopropyl Acetate	8.498	43	248763	22.823	ug/l #	93

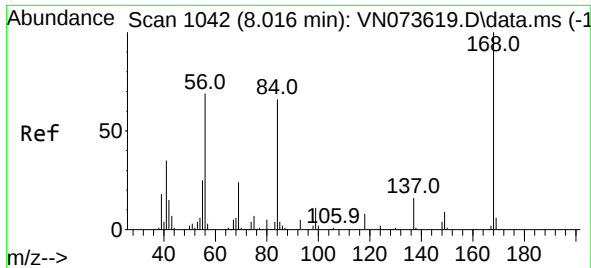
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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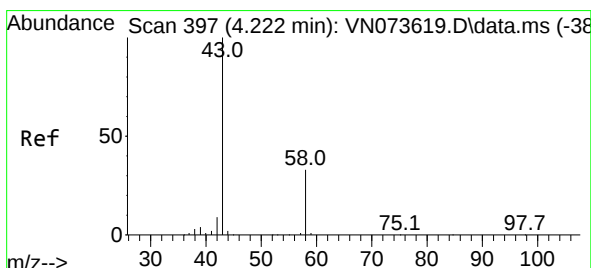
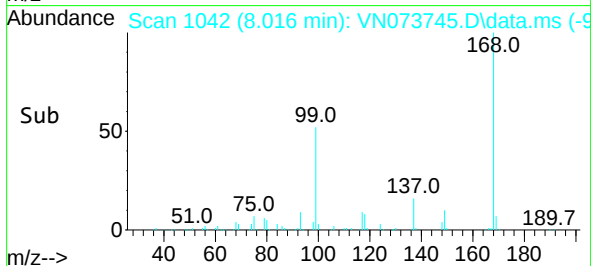
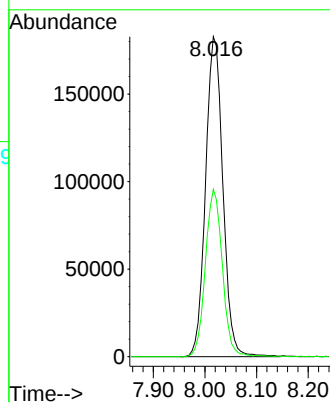
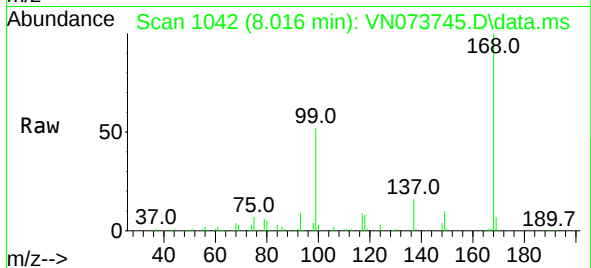




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

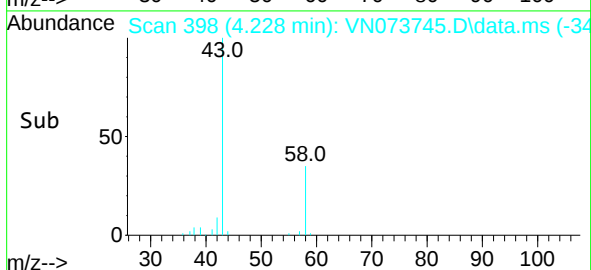
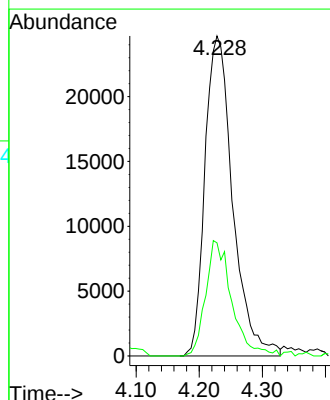
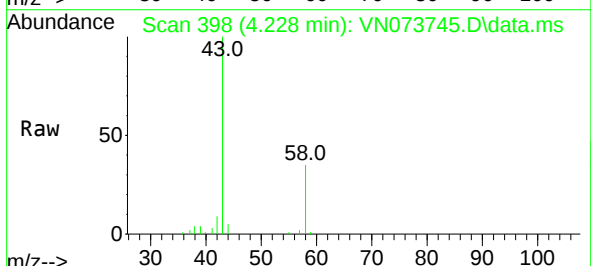
Instrument :
MSVOA_N
ClientSampleId :
TP1-1-6

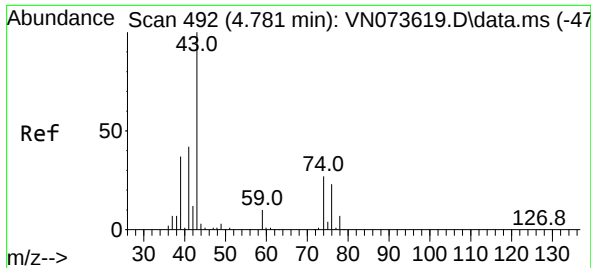
Tgt Ion:168 Resp: 425470
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5



#16
Acetone
Concen: 27.035 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

Tgt Ion: 43 Resp: 75290
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0

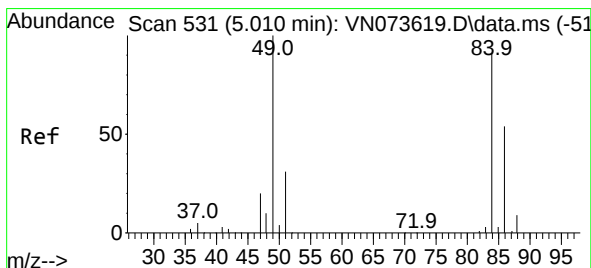
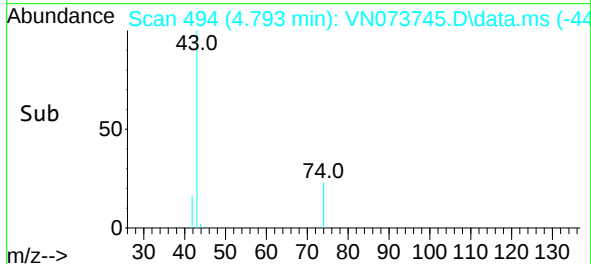
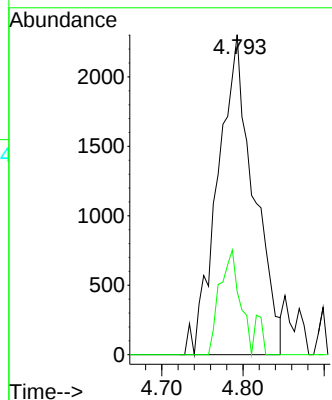
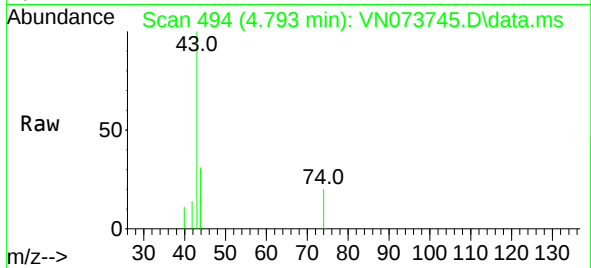




#18
Methyl Acetate
Concen: 1.024 ug/l
RT: 4.793 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

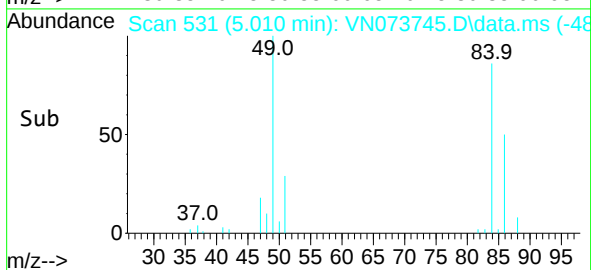
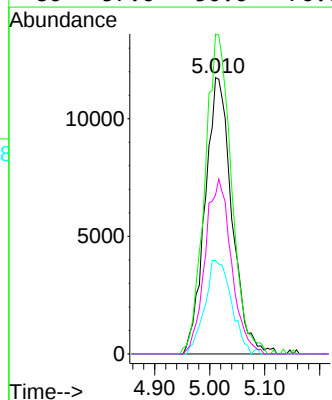
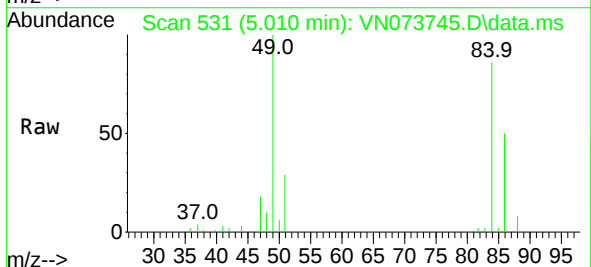
Instrument :
MSVOA_N
ClientSampleId :
TP1-1-6

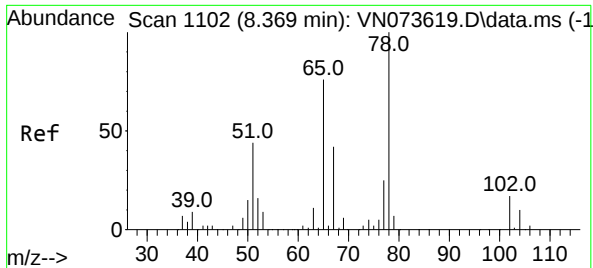
Tgt Ion: 43 Resp: 7094
Ion Ratio Lower Upper
43 100
74 18.3 21.6 32.4#



#20
Methylene Chloride
Concen: 6.949 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

Tgt Ion: 84 Resp: 39858
Ion Ratio Lower Upper
84 100
49 115.8 88.3 132.5
51 33.8 28.2 42.2
86 57.6 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 46.380 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073745.D

Acq: 04 Aug 2022 18:48

Instrument :

MSVOA_N

ClientSampleId :

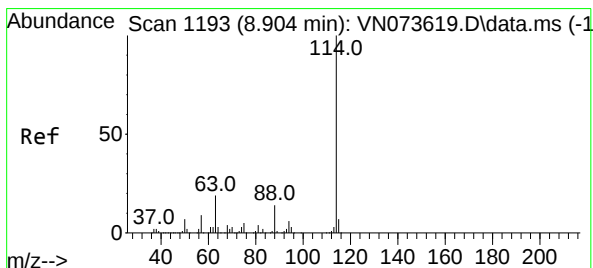
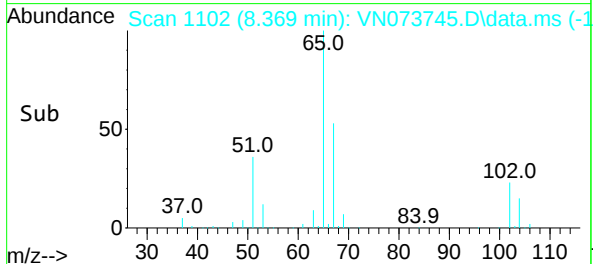
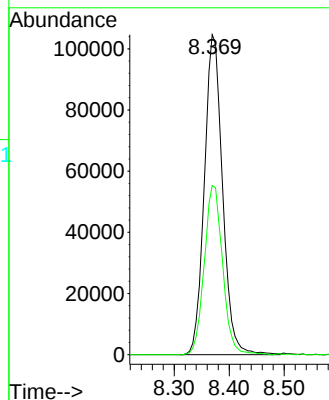
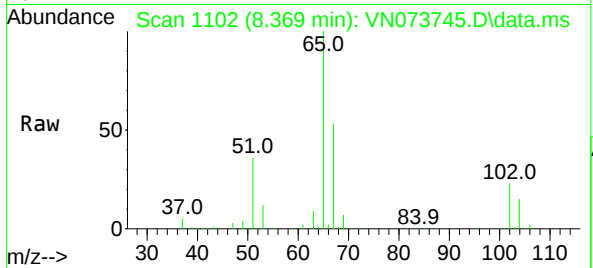
TP1-1-6

Tgt Ion: 65 Resp: 240482

Ion Ratio Lower Upper

65 100

67 53.3 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: VN073745.D

Acq: 04 Aug 2022 18:48

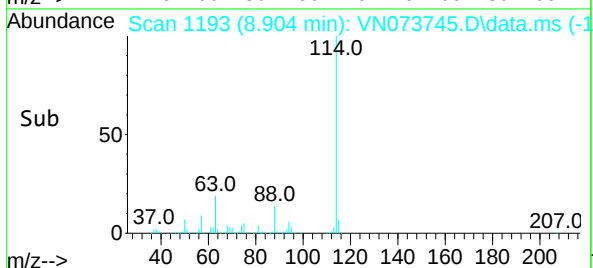
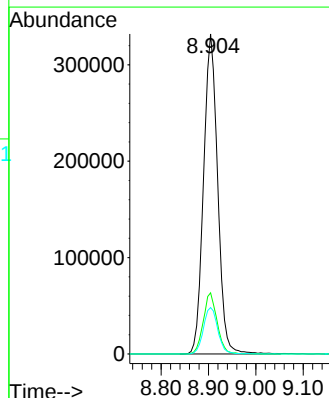
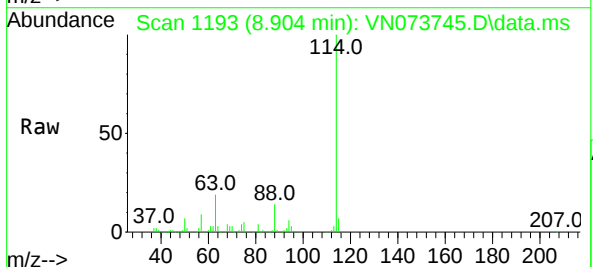
Tgt Ion: 114 Resp: 684659

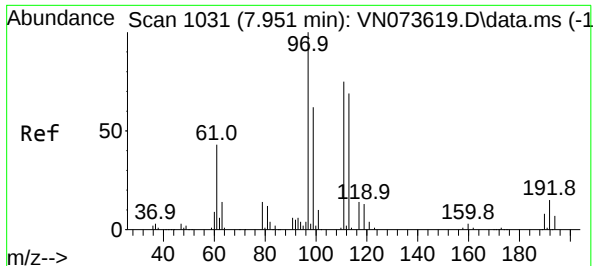
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.5 0.0 32.6

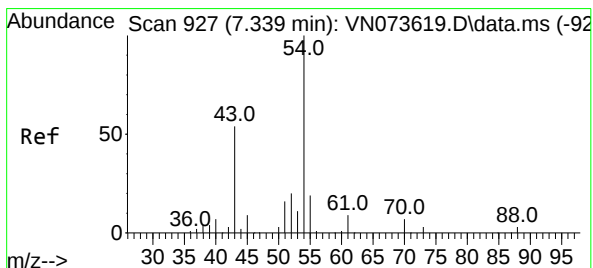
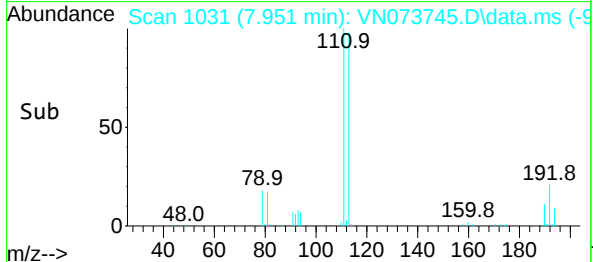
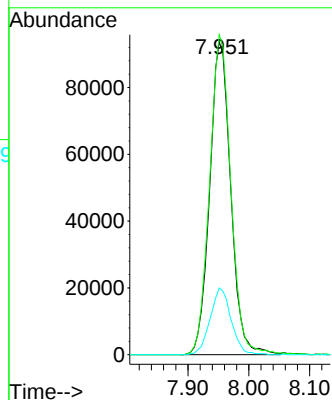
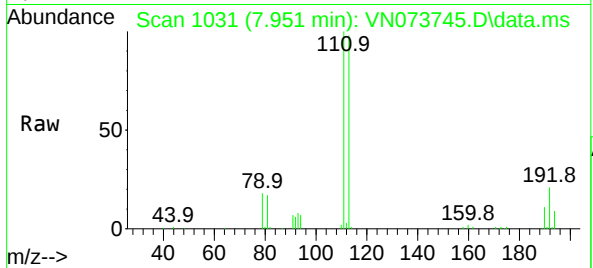




#35
Dibromofluoromethane
Concen: 52.311 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

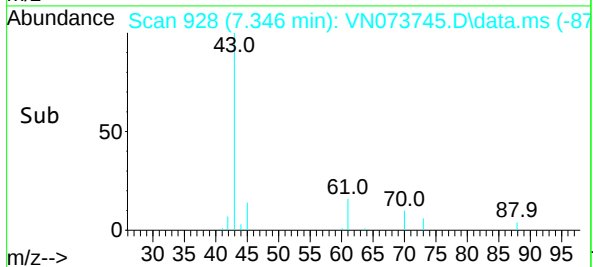
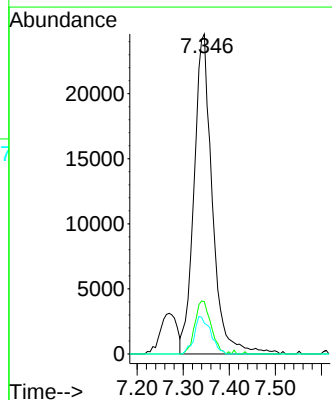
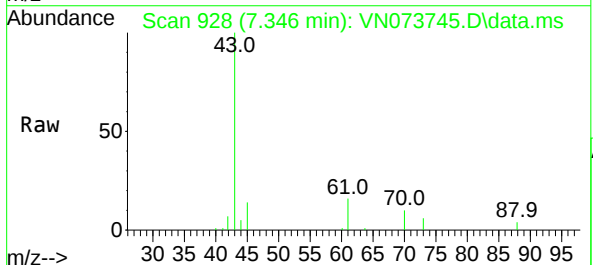
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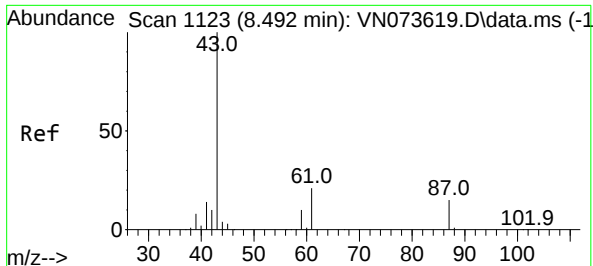
Tgt Ion:113 Resp: 224896
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 21.3 17.0 25.6



#37
Ethyl Acetate
Concen: 8.387 ug/l
RT: 7.346 min Scan# 928
Delta R.T. 0.006 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

Tgt Ion: 43 Resp: 67682
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 10.5 9.3 13.9

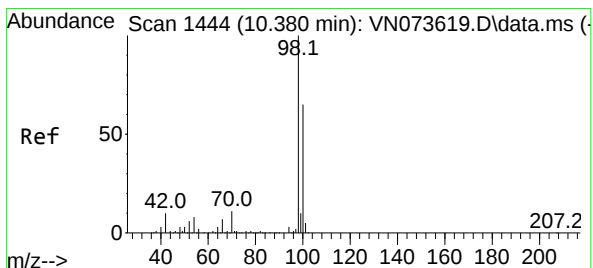
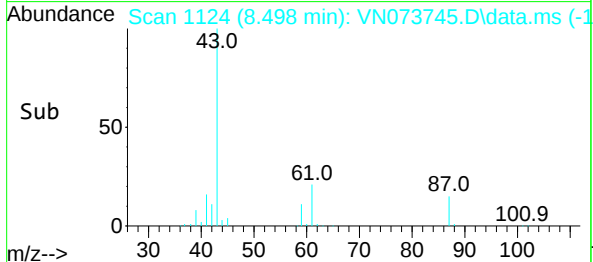
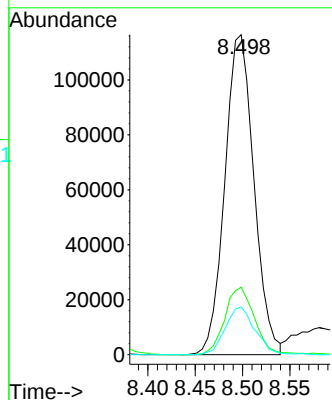
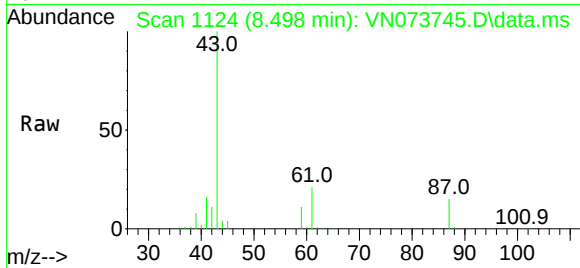




#43
Isopropyl Acetate
Concen: 22.823 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

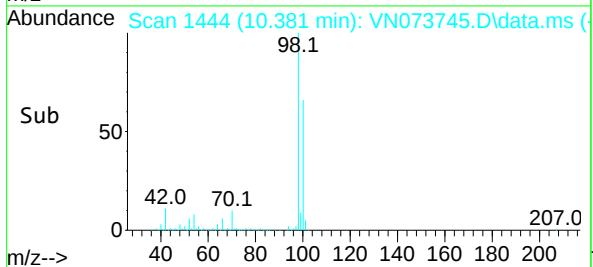
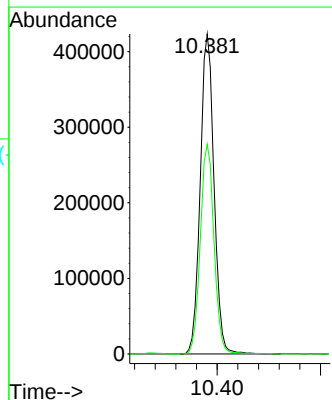
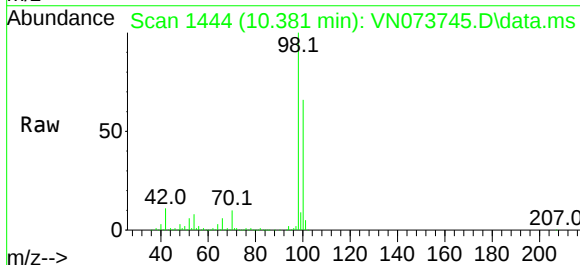
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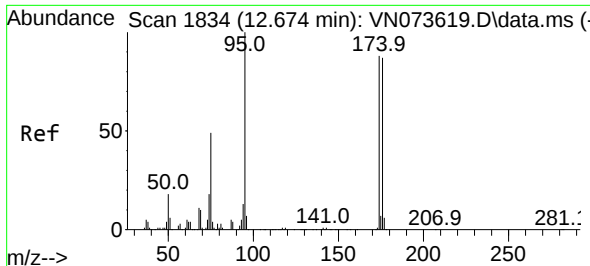
Tgt Ion: 43 Resp: 248763
Ion Ratio Lower Upper
43 100
61 21.6 21.9 32.9#
87 15.1 12.0 18.0



#50
Toluene-d8
Concen: 46.256 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

Tgt Ion: 98 Resp: 782564
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

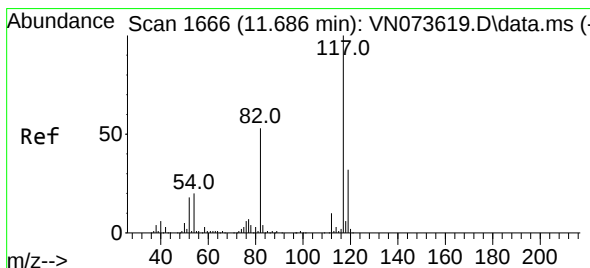
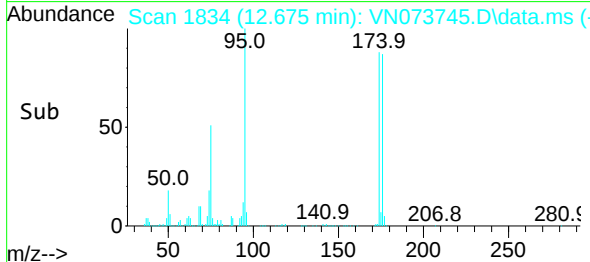
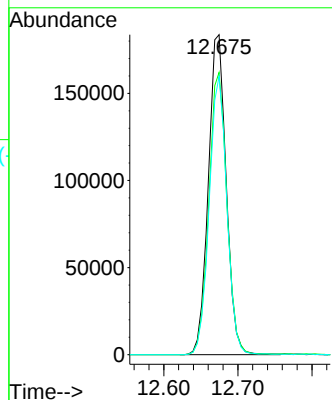
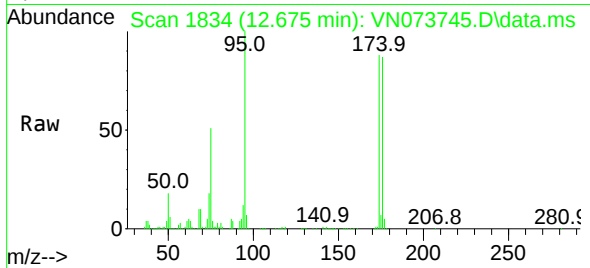




#62
4-Bromofluorobenzene
Concen: 53.718 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

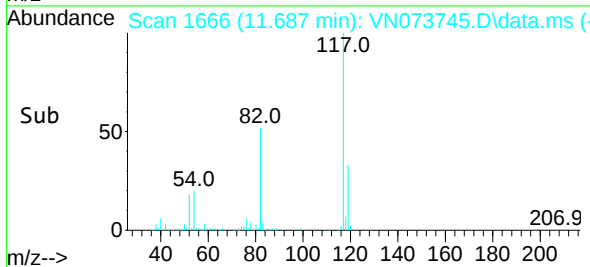
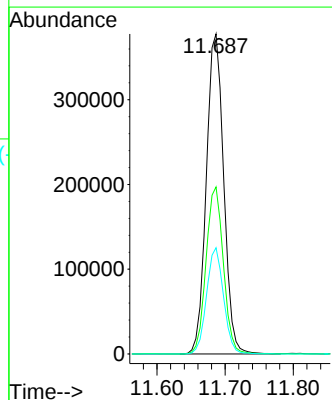
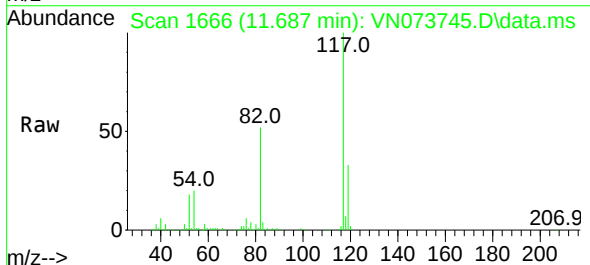
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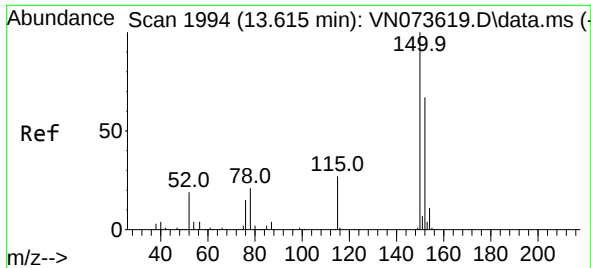
Tgt Ion: 95 Resp: 308006
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 85.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073745.D
Acq: 04 Aug 2022 18:48

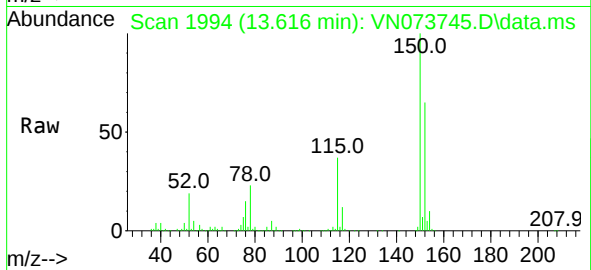
Tgt Ion: 117 Resp: 670651
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 33.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073745.D
 Acq: 04 Aug 2022 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TP1-1-6



Tgt Ion:	152	Resp:	332359
Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.9	86.7
150	157.0	0.0	356.2

