

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073827.D
 Acq On : 11 Aug 2022 16:03
 Operator : JC\MD
 Sample : PB146912ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146912ZHE#02

Quant Time: Aug 12 06:03:28 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)

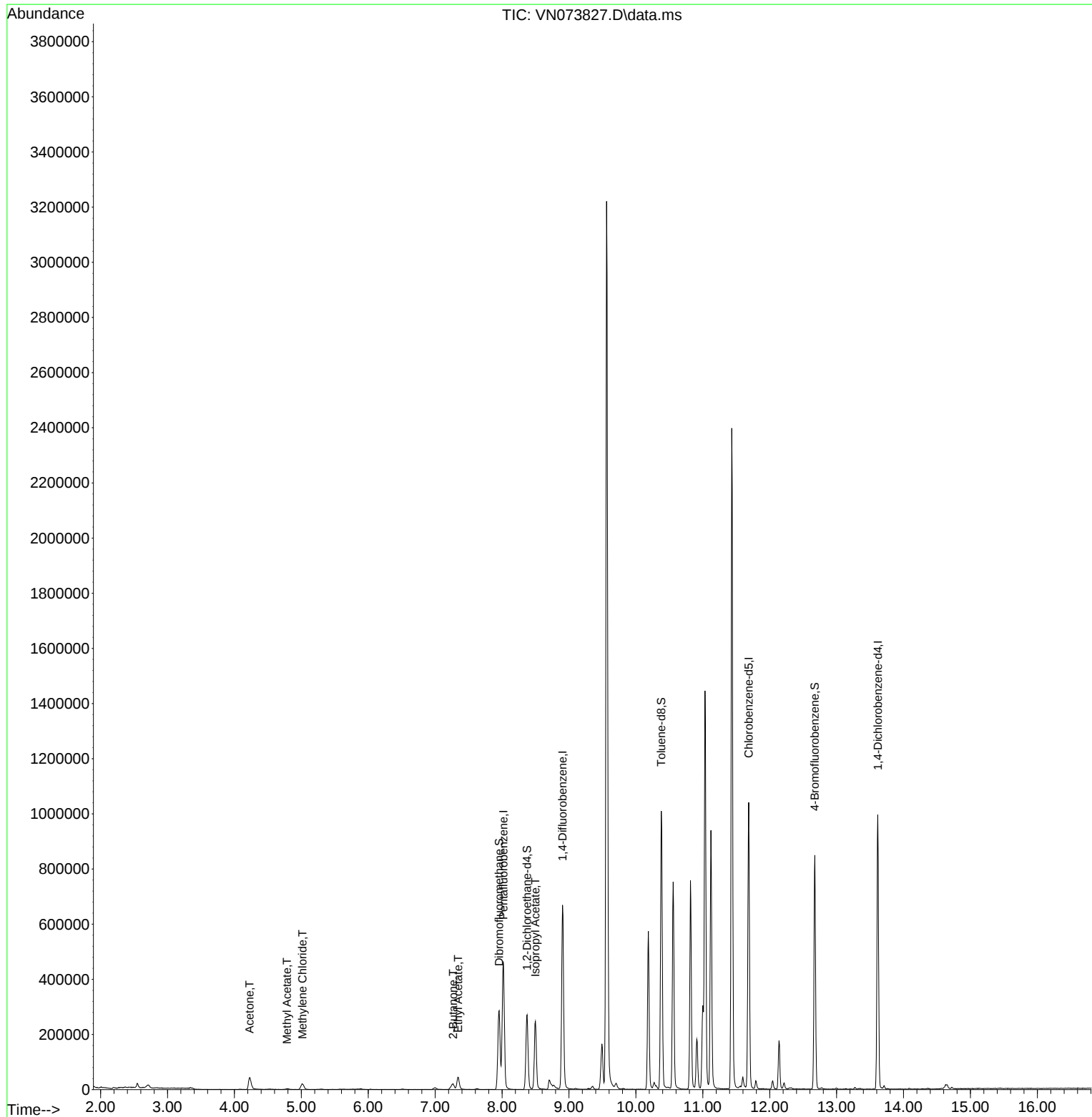
Internal Standards						
1) Pentafluorobenzene	8.022	168	381578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	615795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	618508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	288789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	226405	48.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.380%
35) Dibromofluoromethane	7.957	113	214991	55.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.200%
50) Toluene-d8	10.380	98	721602	47.423	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.674	95	270976	50.689	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.380%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	81237	32.526	ug/l	95
18) Methyl Acetate	4.787	43	6559	1.056	ug/l	93
20) Methylene Chloride	5.016	84	16995	2.095	ug/l	96
25) 2-Butanone	7.269	43	25812	6.655	ug/l	96
37) Ethyl Acetate	7.345	43	70842	9.761	ug/l	99
43) Isopropyl Acetate	8.498	43	277971	28.355	ug/l #	92

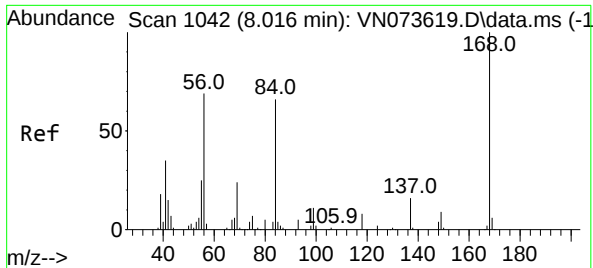
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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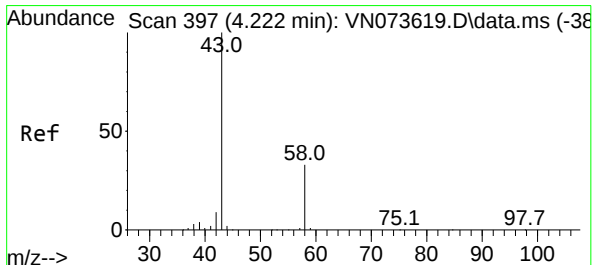
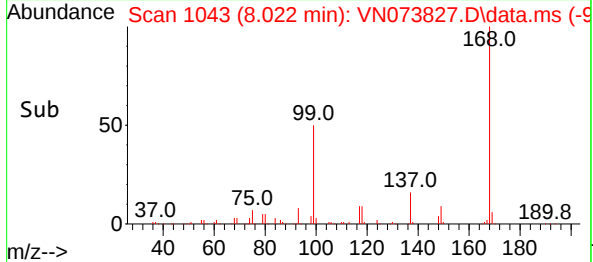
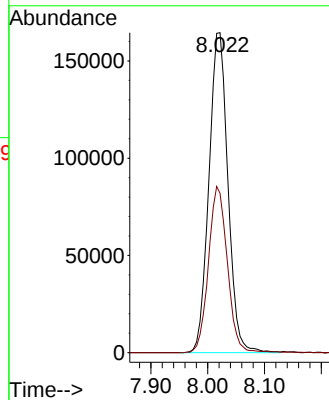
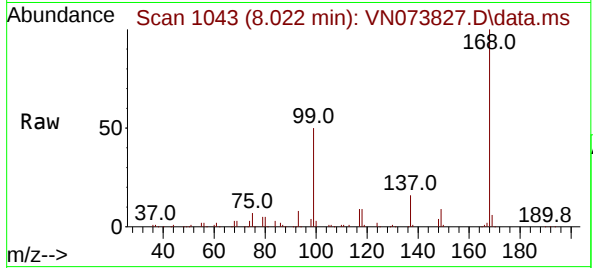




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

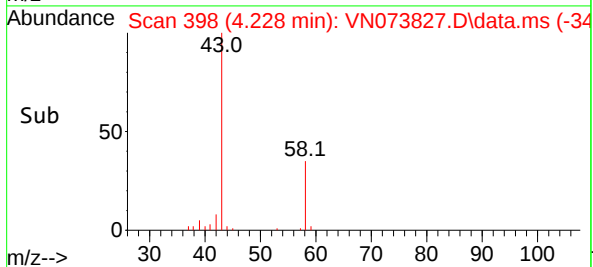
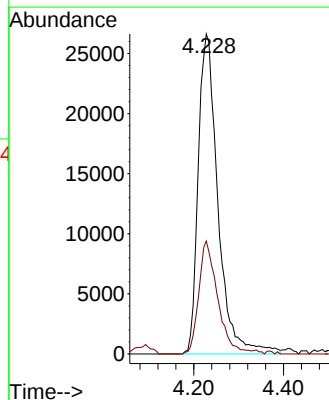
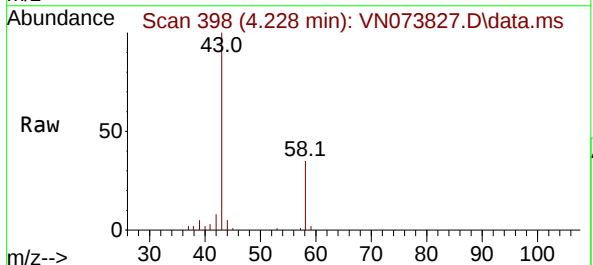
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#02

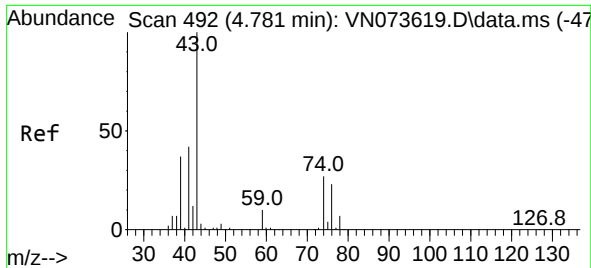
Tgt Ion:168 Resp: 381578
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#16
Acetone
Concen: 32.526 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

Tgt Ion: 43 Resp: 81237
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0

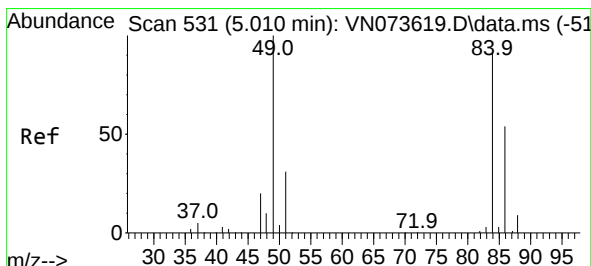
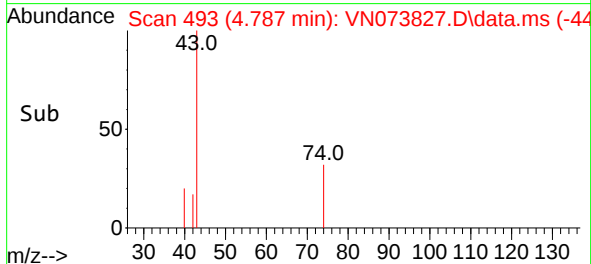
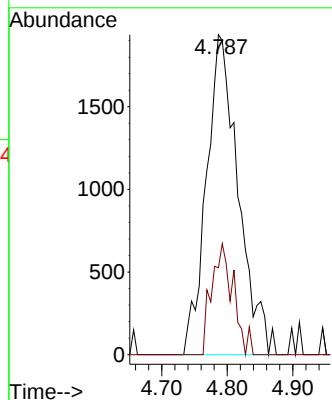
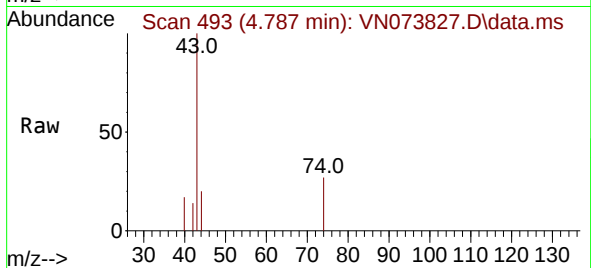




#18
Methyl Acetate
Concen: 1.056 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

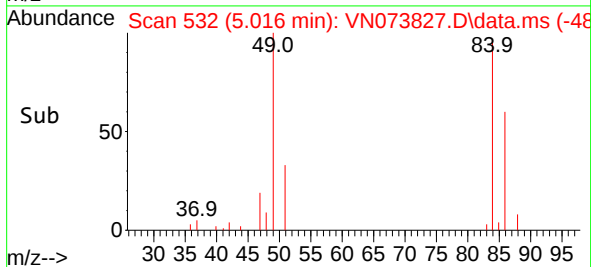
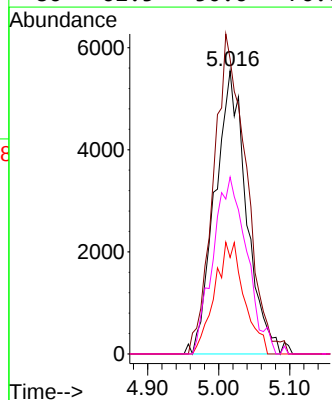
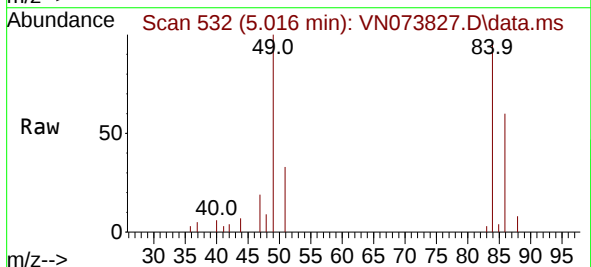
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#02

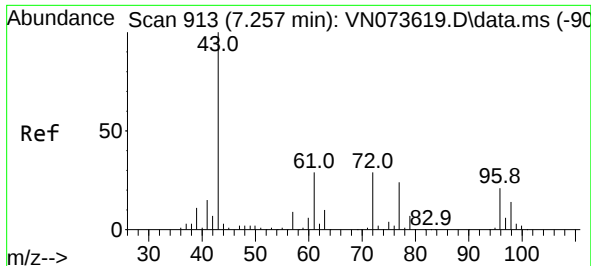
Tgt Ion: 43 Resp: 6559
Ion Ratio Lower Upper
43 100
74 23.4 21.6 32.4



#20
Methylene Chloride
Concen: 2.095 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

Tgt Ion: 84 Resp: 16995
Ion Ratio Lower Upper
84 100
49 104.1 88.3 132.5
51 34.1 28.2 42.2
86 62.5 50.6 76.0





#25

2-Butanone

Concen: 6.655 ug/l

RT: 7.269 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073827.D

Acq: 11 Aug 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

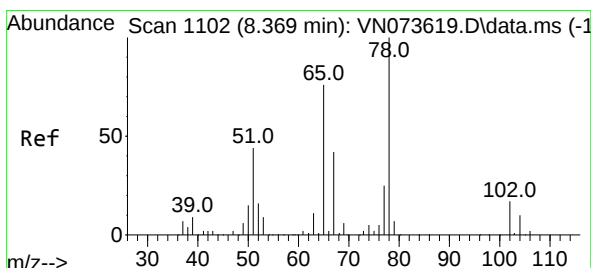
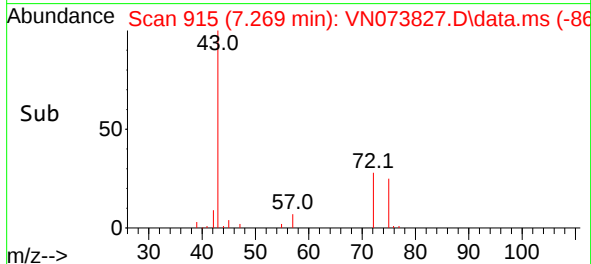
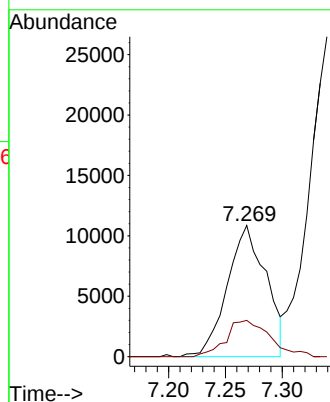
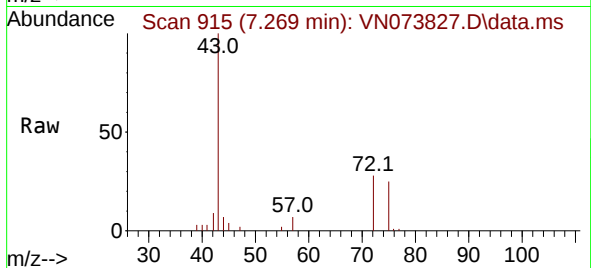
PB146912ZHE#02

Tgt Ion: 43 Resp: 25812

Ion Ratio Lower Upper

43 100

72 27.7 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 48.688 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073827.D

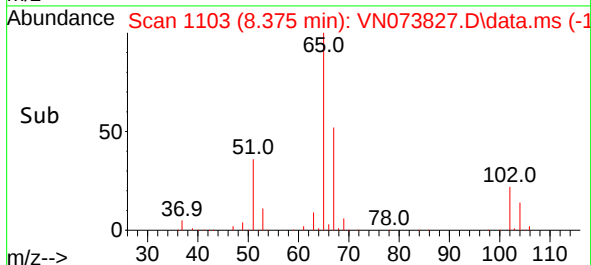
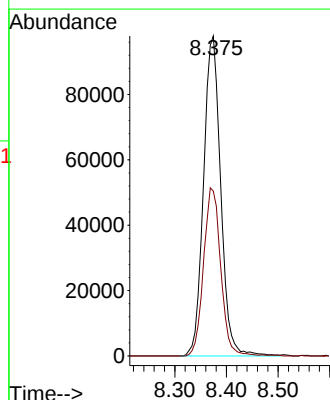
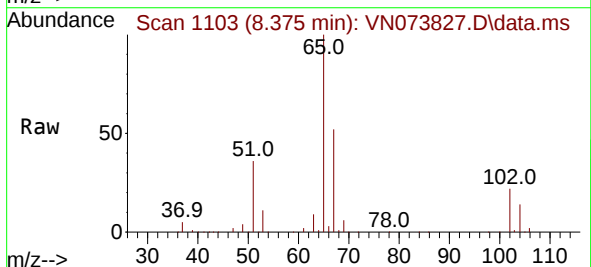
Acq: 11 Aug 2022 16:03

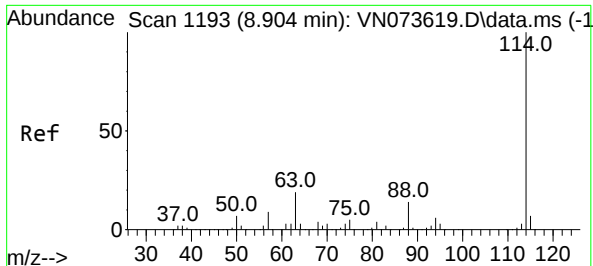
Tgt Ion: 65 Resp: 226405

Ion Ratio Lower Upper

65 100

67 52.4 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: VN073827.D

Acq: 11 Aug 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

PB146912ZHE#02

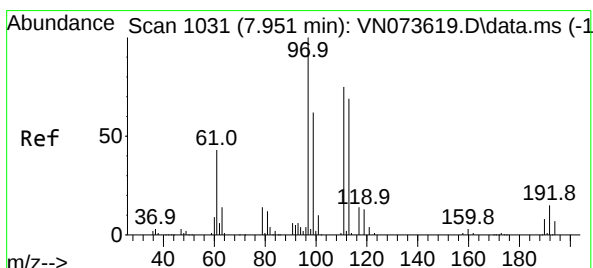
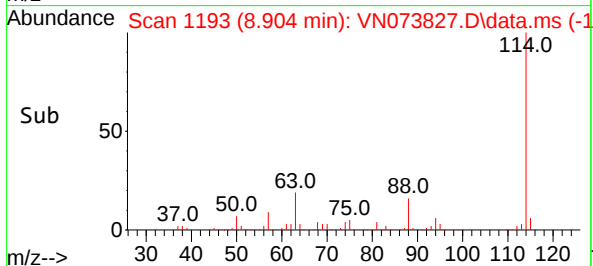
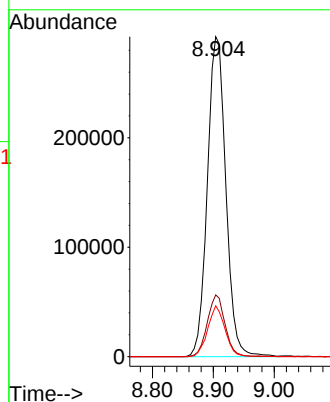
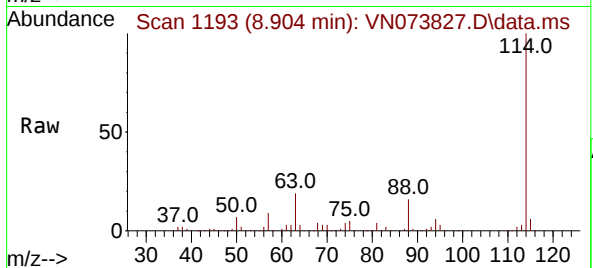
Tgt Ion:114 Resp: 615795

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.599 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073827.D

Acq: 11 Aug 2022 16:03

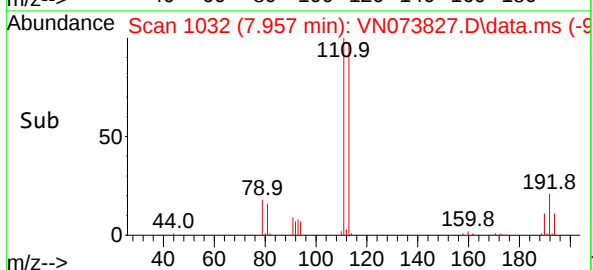
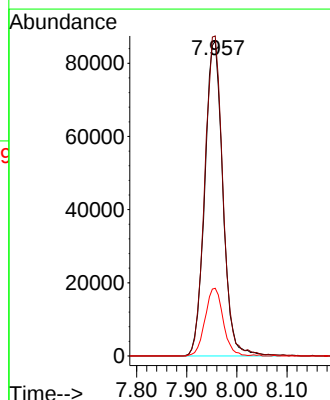
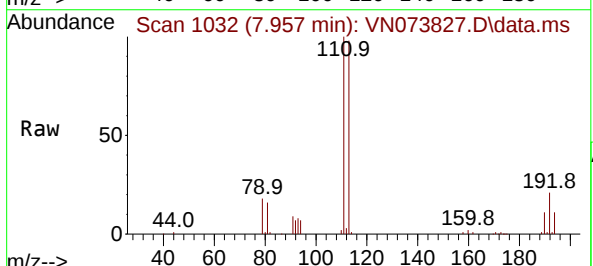
Tgt Ion:113 Resp: 214991

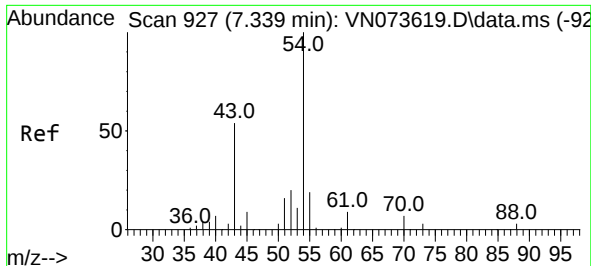
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 21.6 17.0 25.6

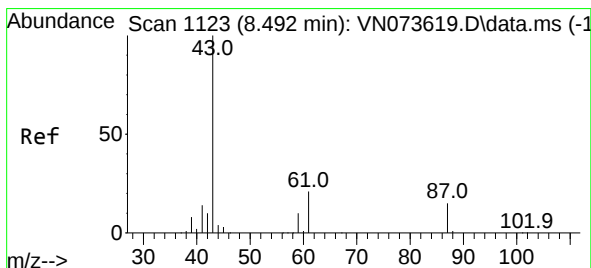
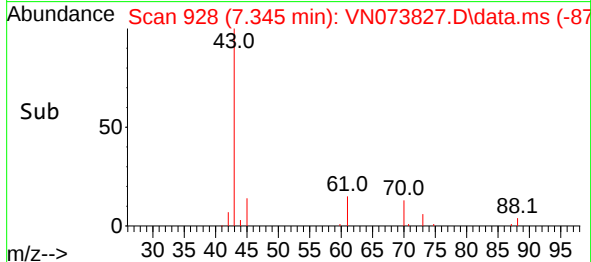
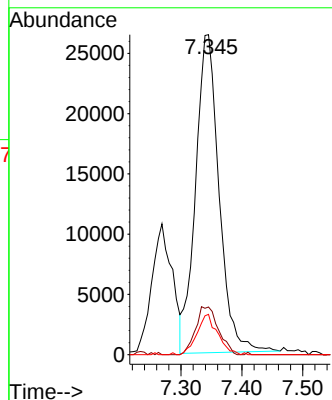
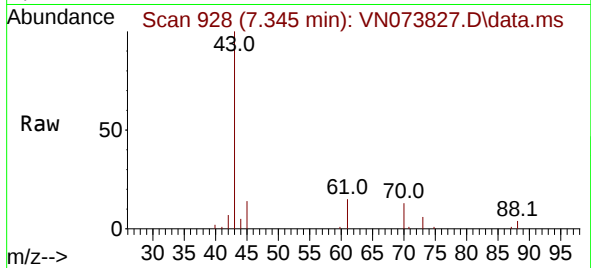




#37
Ethyl Acetate
Concen: 9.761 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

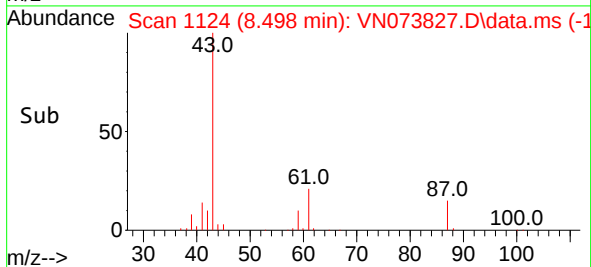
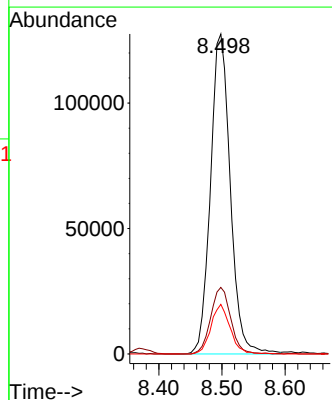
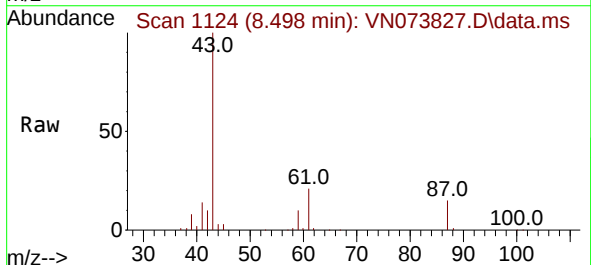
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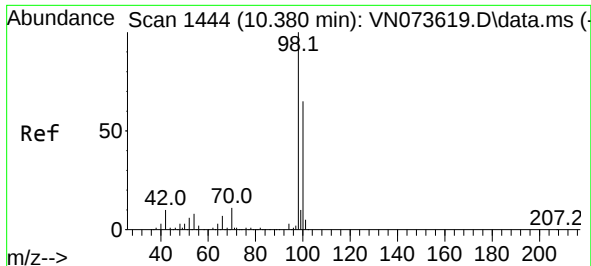
Tgt Ion: 43 Resp: 70842
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 11.1 9.3 13.9



#43
Isopropyl Acetate
Concen: 28.355 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

Tgt Ion: 43 Resp: 277971
Ion Ratio Lower Upper
43 100
61 21.1 21.9 32.9#
87 14.9 12.0 18.0

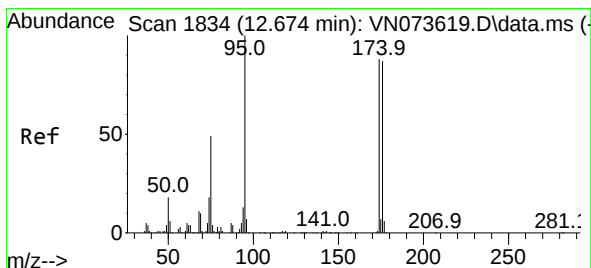
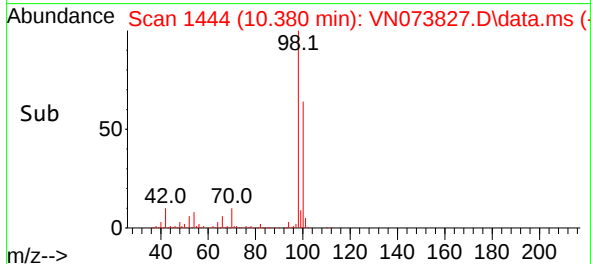
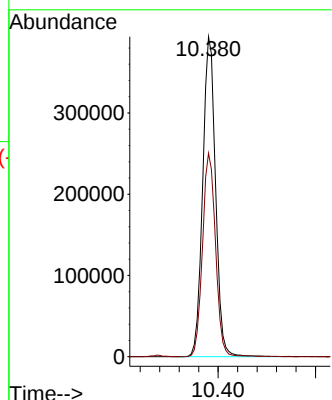
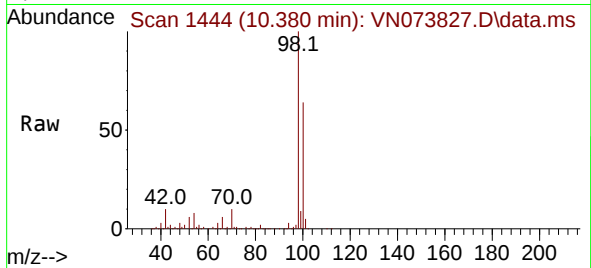




#50
Toluene-d8
Concen: 47.423 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

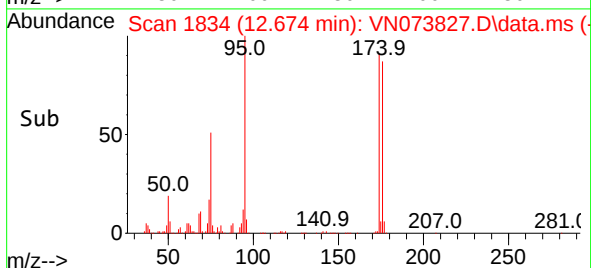
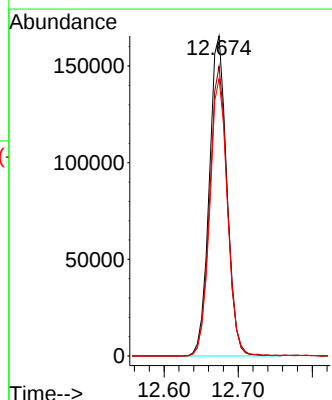
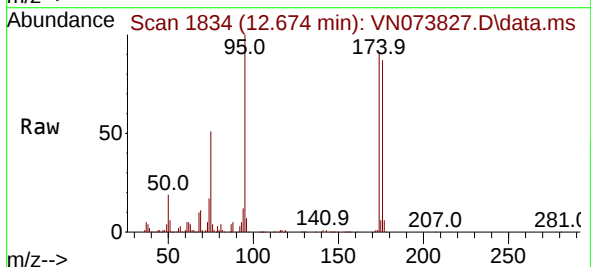
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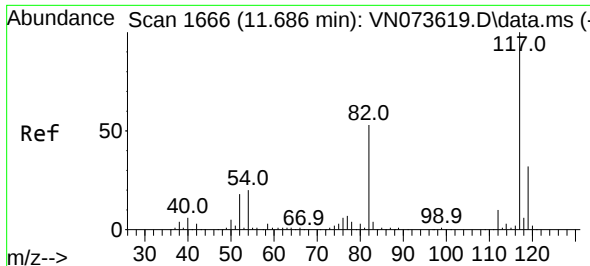
Tgt Ion: 98 Resp: 721602
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.689 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

Tgt Ion: 95 Resp: 270976
Ion Ratio Lower Upper
95 100
174 91.8 0.0 167.6
176 87.4 0.0 163.4

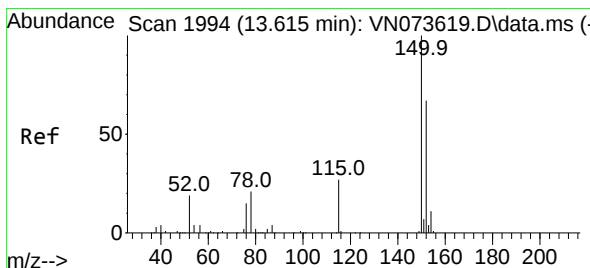
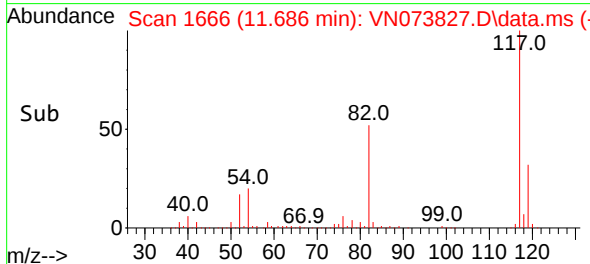
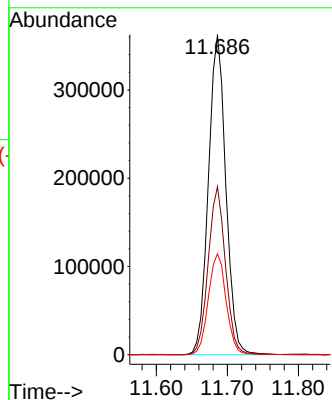
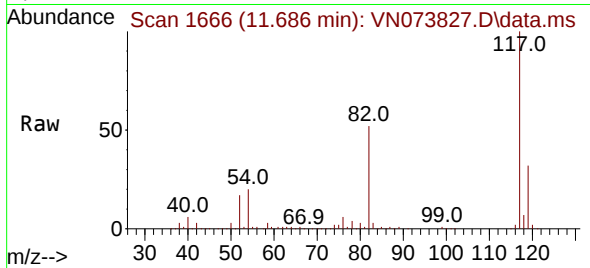




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#02

Tgt Ion:117 Resp: 618508
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073827.D
Acq: 11 Aug 2022 16:03

Tgt Ion:152 Resp: 288789
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 157.0 0.0 356.2

