

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073828.D
 Acq On : 11 Aug 2022 16:28
 Operator : JC\MD
 Sample : PB146912ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146912ZHE#03

Quant Time: Aug 12 06:03:55 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)

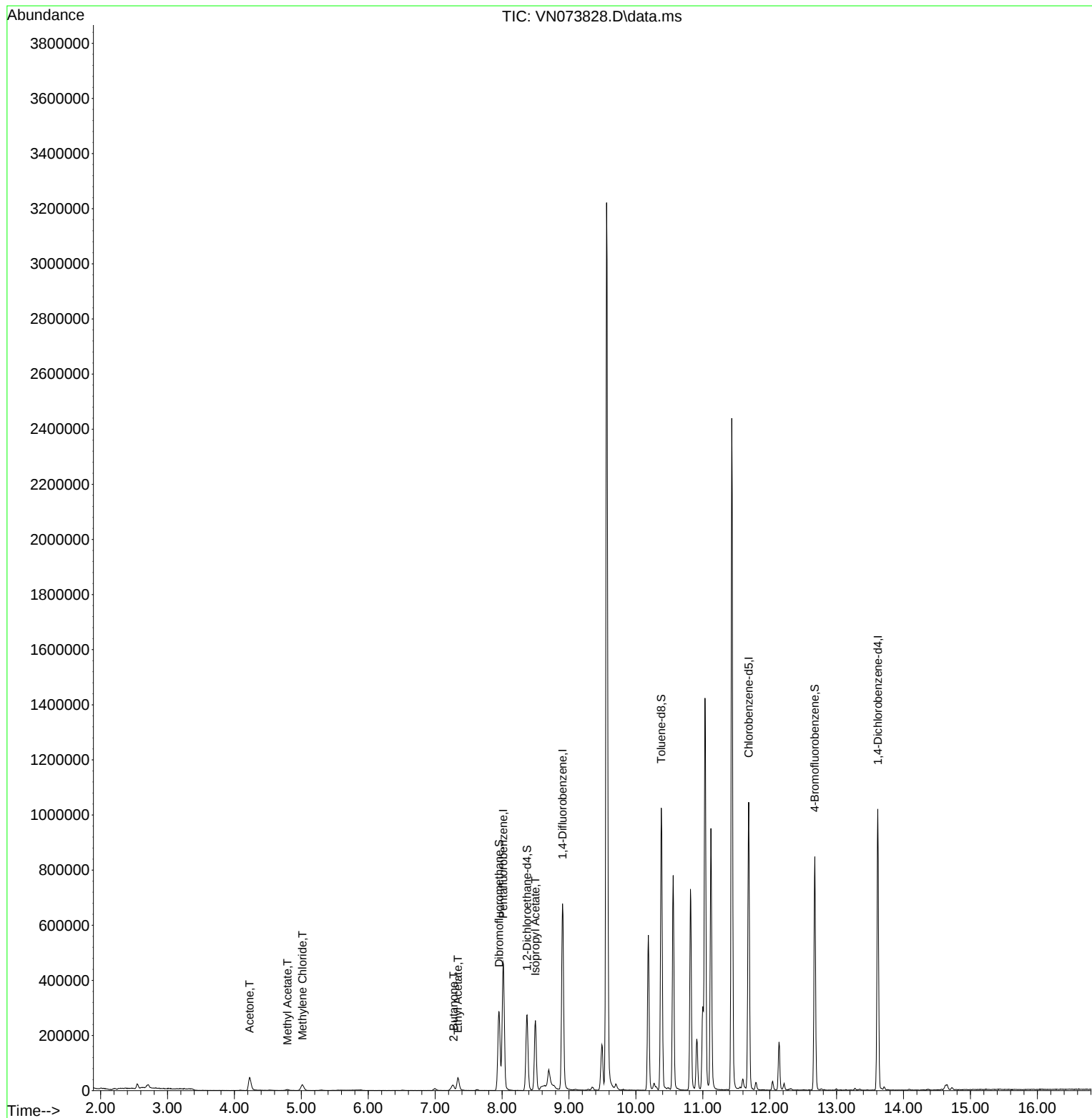
Internal Standards						
1) Pentafluorobenzene	8.016	168	383090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	632028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	618121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	290364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	227535	48.738	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.480%	
35) Dibromofluoromethane	7.957	113	215412	54.277	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	108.560%	
50) Toluene-d8	10.380	98	726495	46.518	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.040%	
62) 4-Bromofluorobenzene	12.674	95	270213	49.326	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.660%	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	84446	33.677	ug/l	100
18) Methyl Acetate	4.793	43	7833	1.256	ug/l #	89
20) Methylene Chloride	5.016	84	17686	2.255	ug/l	98
25) 2-Butanone	7.275	43	26075	6.696	ug/l #	87
37) Ethyl Acetate	7.339	43	73089	9.812	ug/l	99
43) Isopropyl Acetate	8.498	43	277498	27.580	ug/l #	92

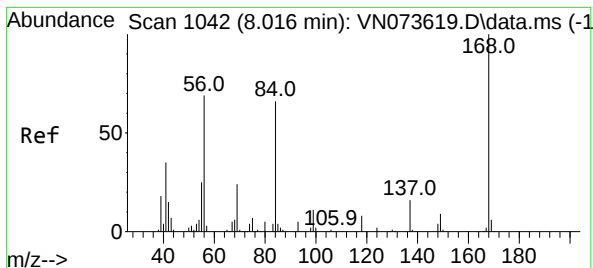
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN073828.D

Acq: 11 Aug 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

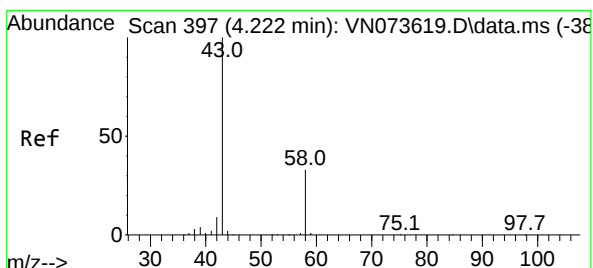
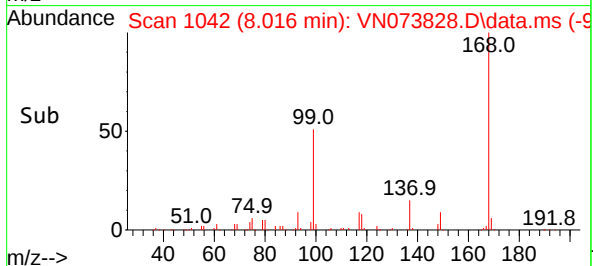
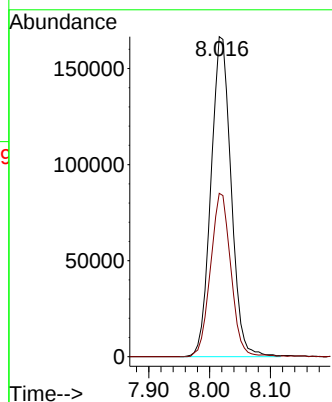
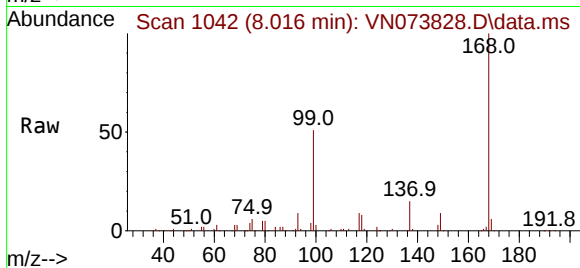
PB146912ZHE#03

Tgt Ion:168 Resp: 383090

Ion Ratio Lower Upper

168 100

99 51.0 42.3 63.5



#16

Acetone

Concen: 33.677 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.006 min

Lab File: VN073828.D

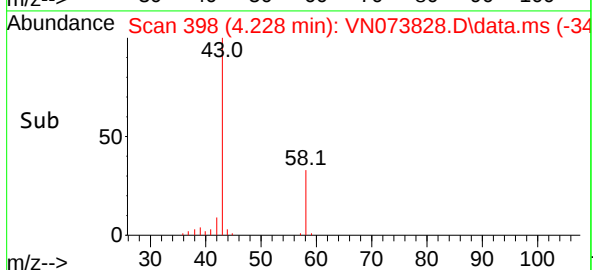
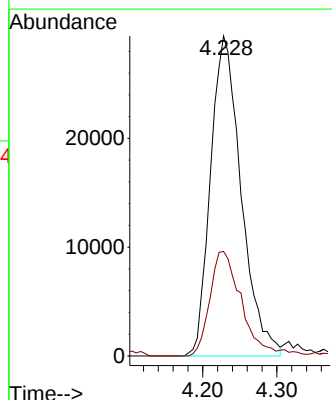
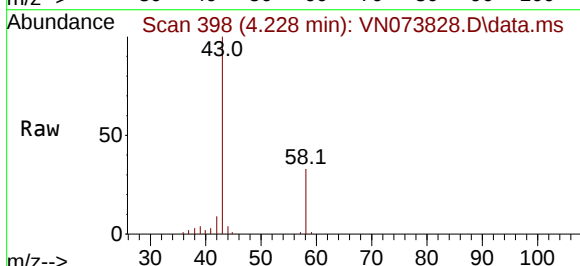
Acq: 11 Aug 2022 16:28

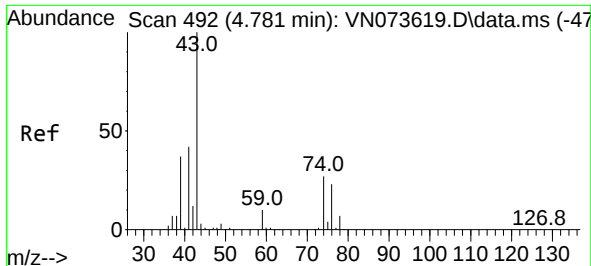
Tgt Ion: 43 Resp: 84446

Ion Ratio Lower Upper

43 100

58 32.7 26.0 39.0

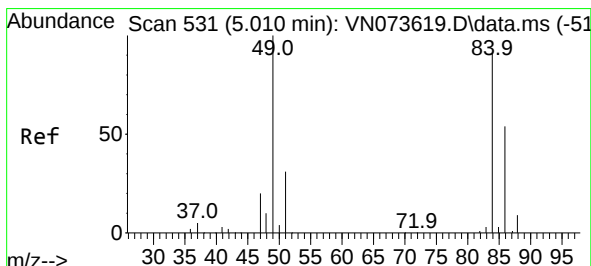
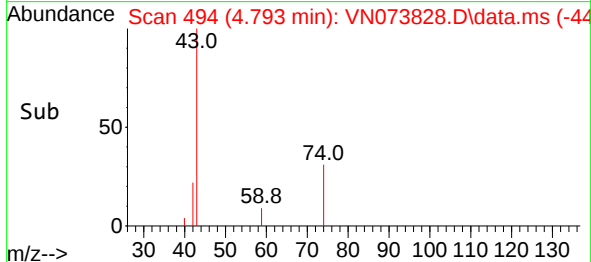
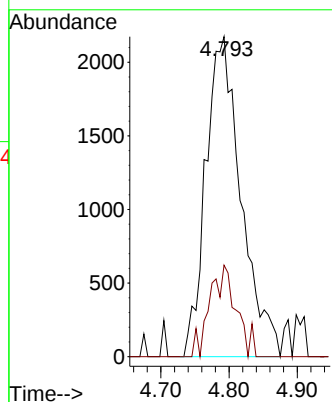
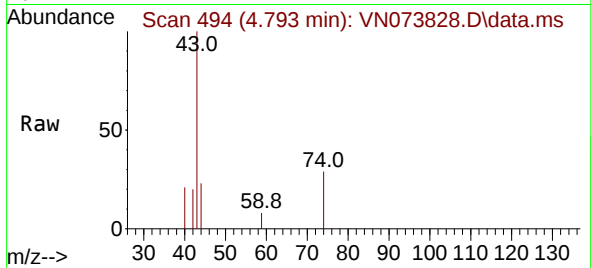




#18
Methyl Acetate
Concen: 1.256 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

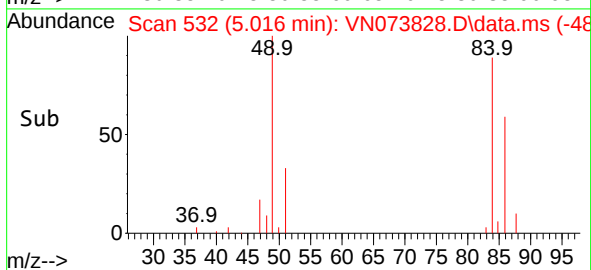
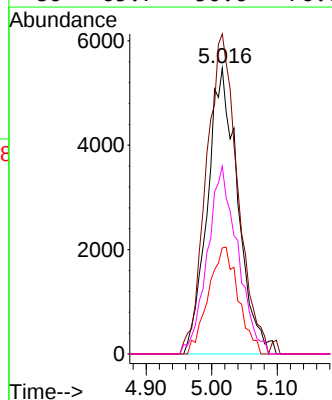
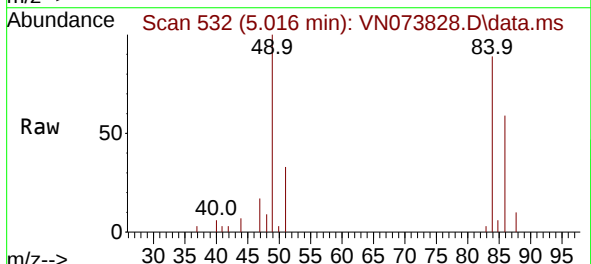
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#03

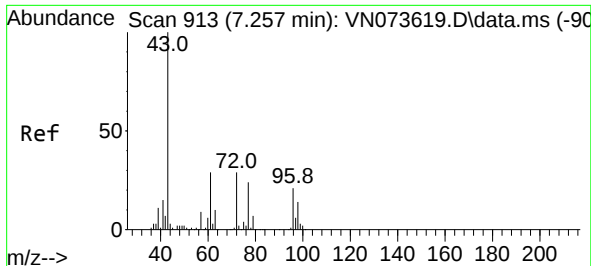
Tgt Ion: 43 Resp: 7833
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4#



#20
Methylene Chloride
Concen: 2.255 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

Tgt Ion: 84 Resp: 17686
Ion Ratio Lower Upper
84 100
49 112.0 88.3 132.5
51 37.1 28.2 42.2
86 65.7 50.6 76.0

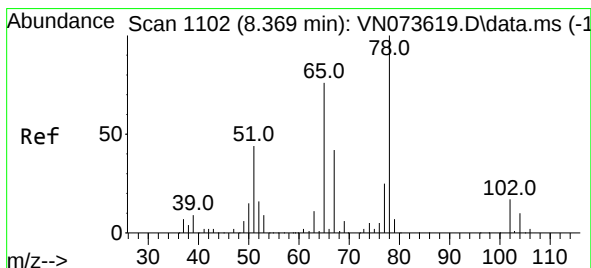
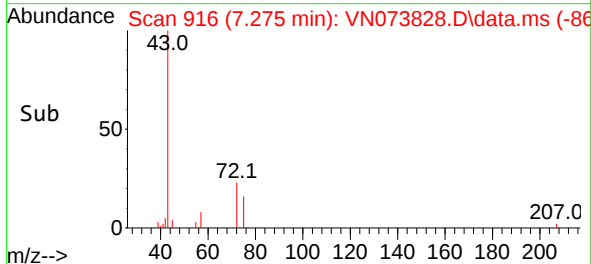
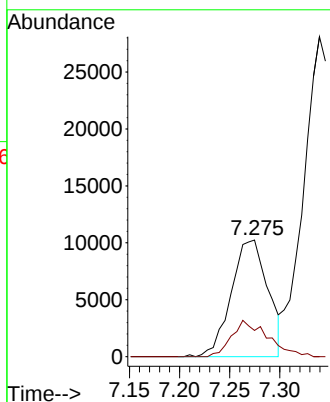
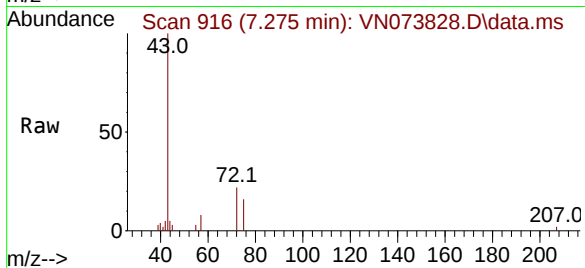




#25
2-Butanone
Concen: 6.696 ug/l
RT: 7.275 min Scan# 913
Delta R.T. 0.018 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

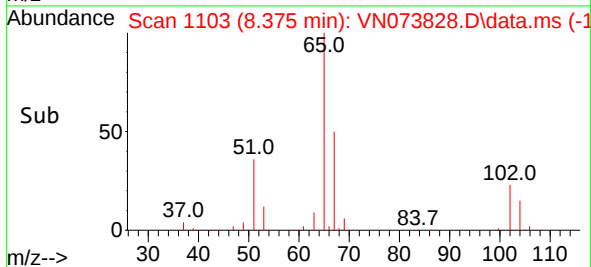
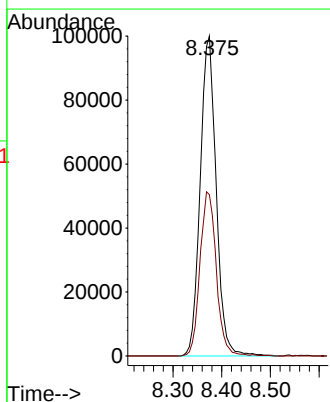
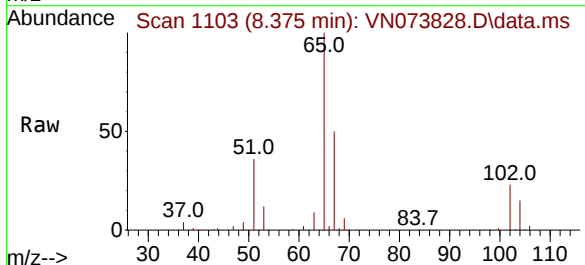
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#03

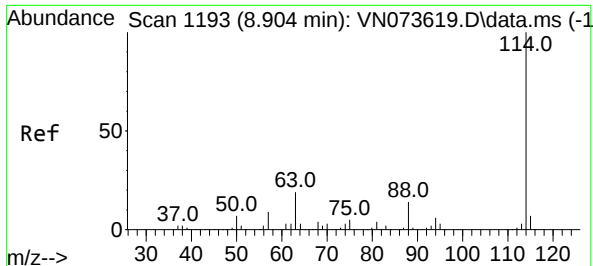
Tgt Ion: 43 Resp: 26075
Ion Ratio Lower Upper
43 100
72 22.4 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 48.738 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

Tgt Ion: 65 Resp: 227535
Ion Ratio Lower Upper
65 100
67 52.3 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: VN073828.D

Acq: 11 Aug 2022 16:28

Instrument :

MSVOA_N

ClientSampleId :

PB146912ZHE#03

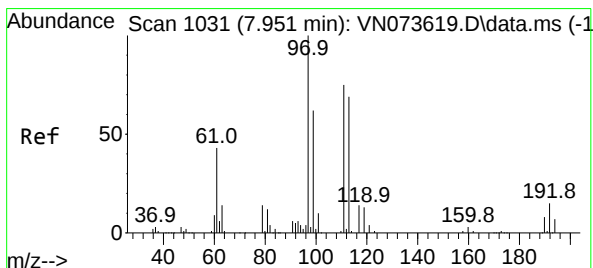
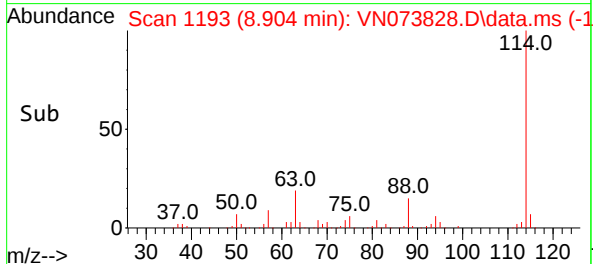
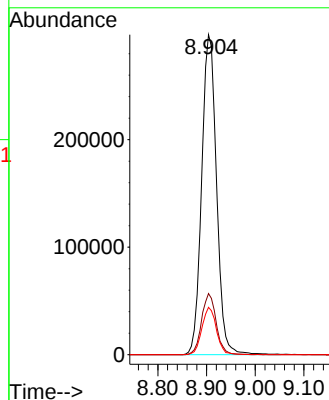
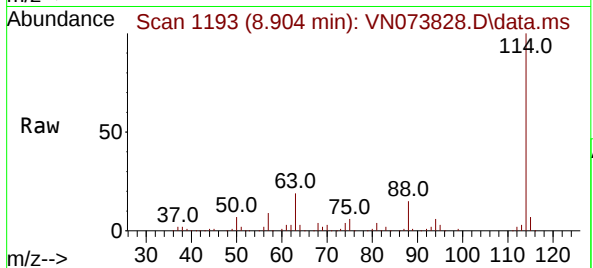
Tgt Ion:114 Resp: 632028

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.277 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073828.D

Acq: 11 Aug 2022 16:28

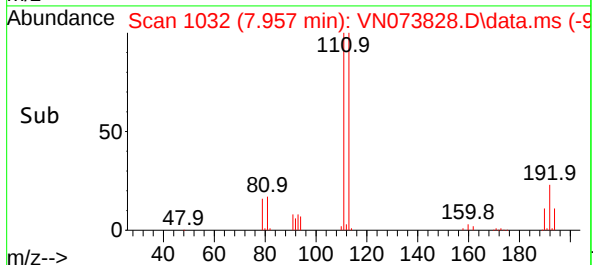
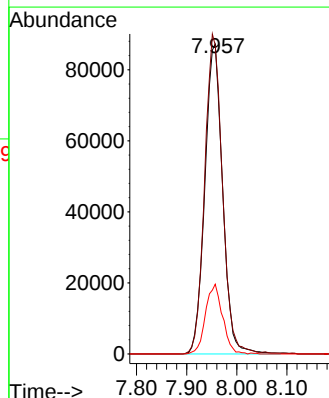
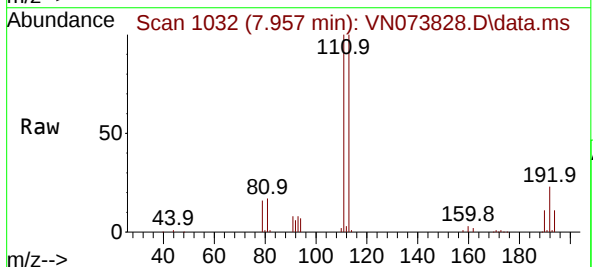
Tgt Ion:113 Resp: 215412

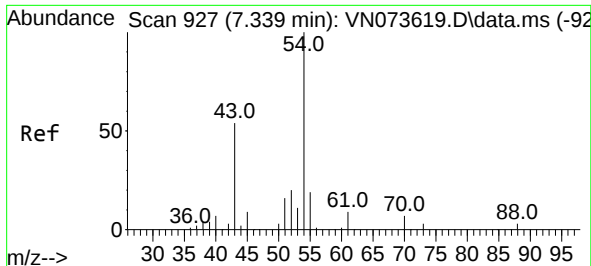
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 21.5 17.0 25.6

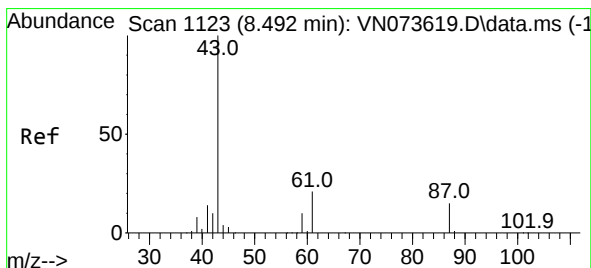
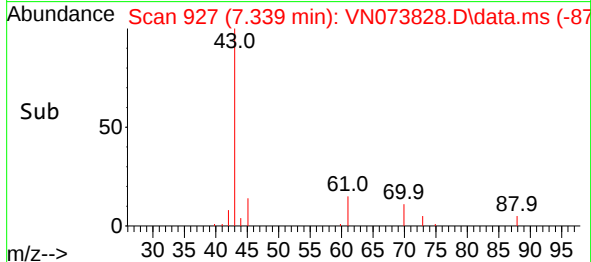
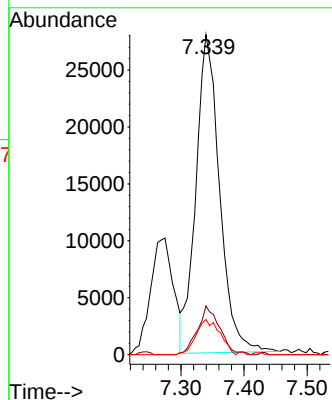
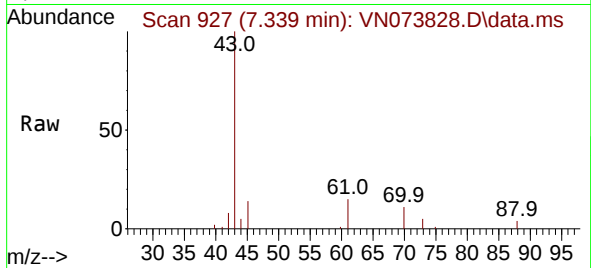




#37
Ethyl Acetate
Concen: 9.812 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

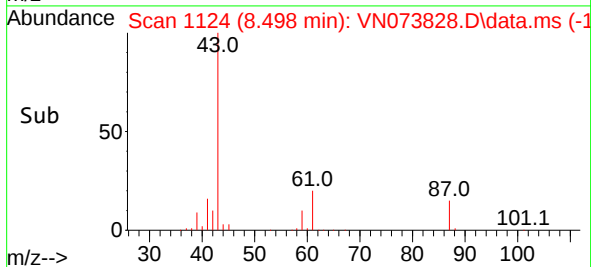
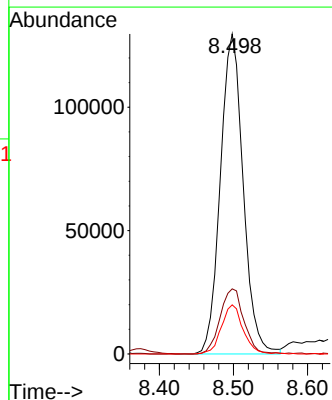
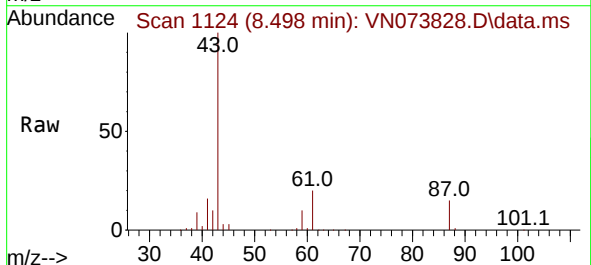
Instrument :
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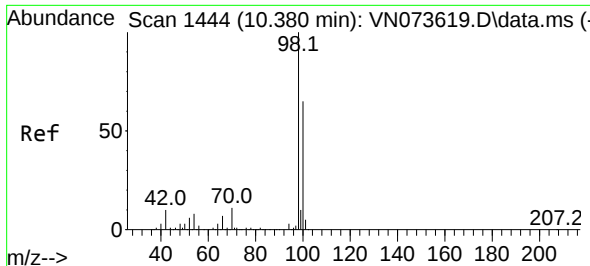
Tgt Ion: 43 Resp: 73089
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.6
70 11.1 9.3 13.9



#43
Isopropyl Acetate
Concen: 27.580 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

Tgt Ion: 43 Resp: 277498
Ion Ratio Lower Upper
43 100
61 21.2 21.9 32.9#
87 14.5 12.0 18.0

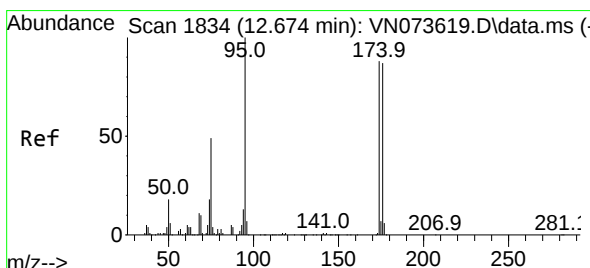
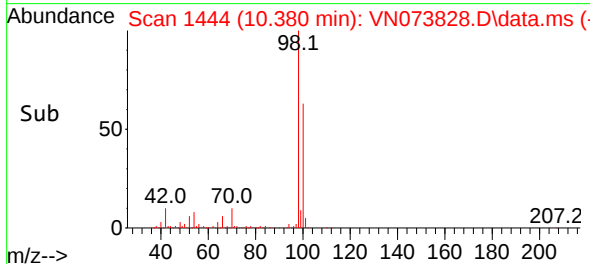
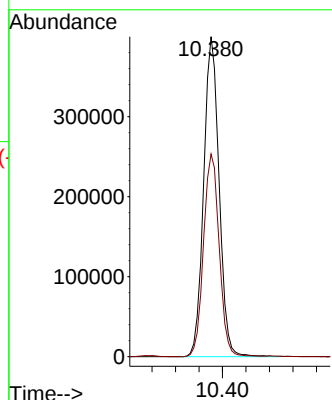
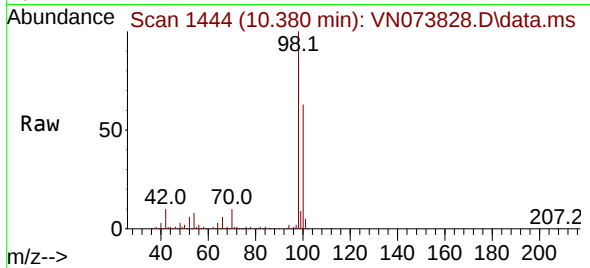




#50
Toluene-d8
Concen: 46.518 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

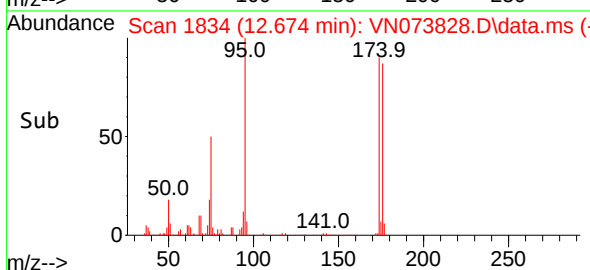
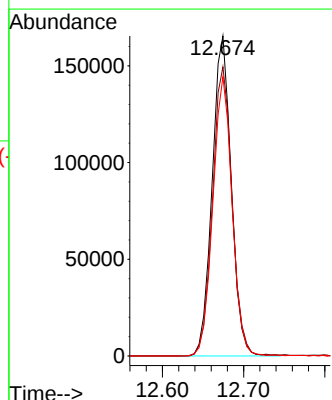
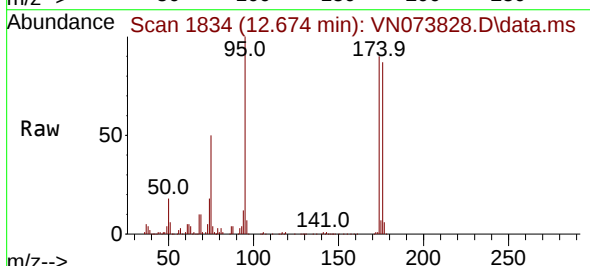
Instrument :
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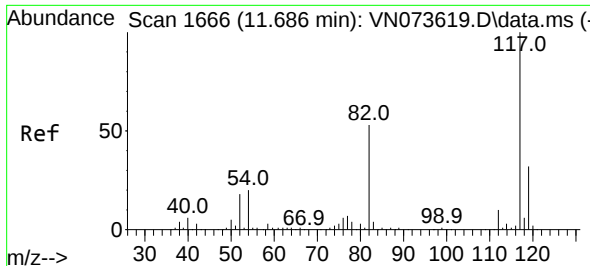
Tgt Ion: 98 Resp: 726495
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.326 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

Tgt Ion: 95 Resp: 270213
Ion Ratio Lower Upper
95 100
174 92.3 0.0 167.6
176 87.8 0.0 163.4

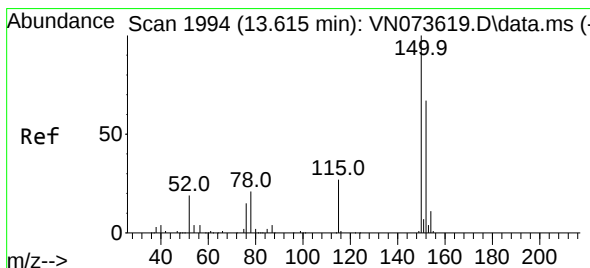
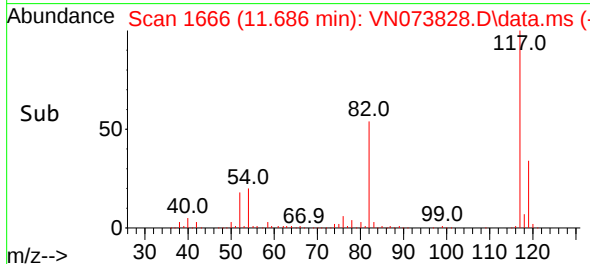
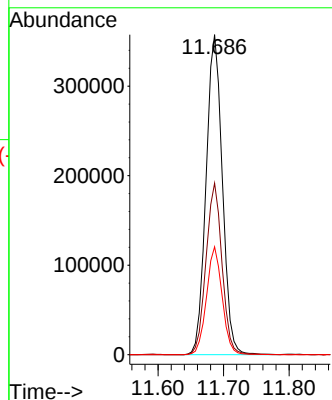
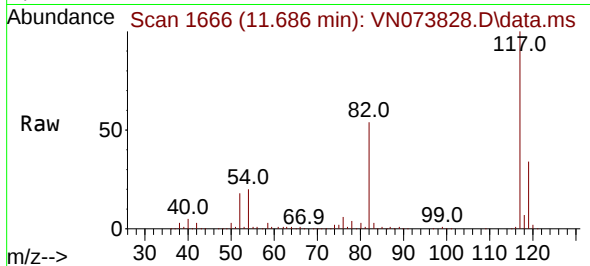




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073828.D
Acq: 11 Aug 2022 16:28

Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#03

Tgt Ion:117 Resp: 618121
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 33.7 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: VN073828.D
Acq: 11 Aug 2022 16:28

Tgt Ion:152 Resp: 290364
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 155.8 0.0 356.2

