

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073829.D
 Acq On : 11 Aug 2022 16:53
 Operator : JC\MD
 Sample : PB146912ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146912ZHE#04

Quant Time: Aug 12 06:04:23 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)

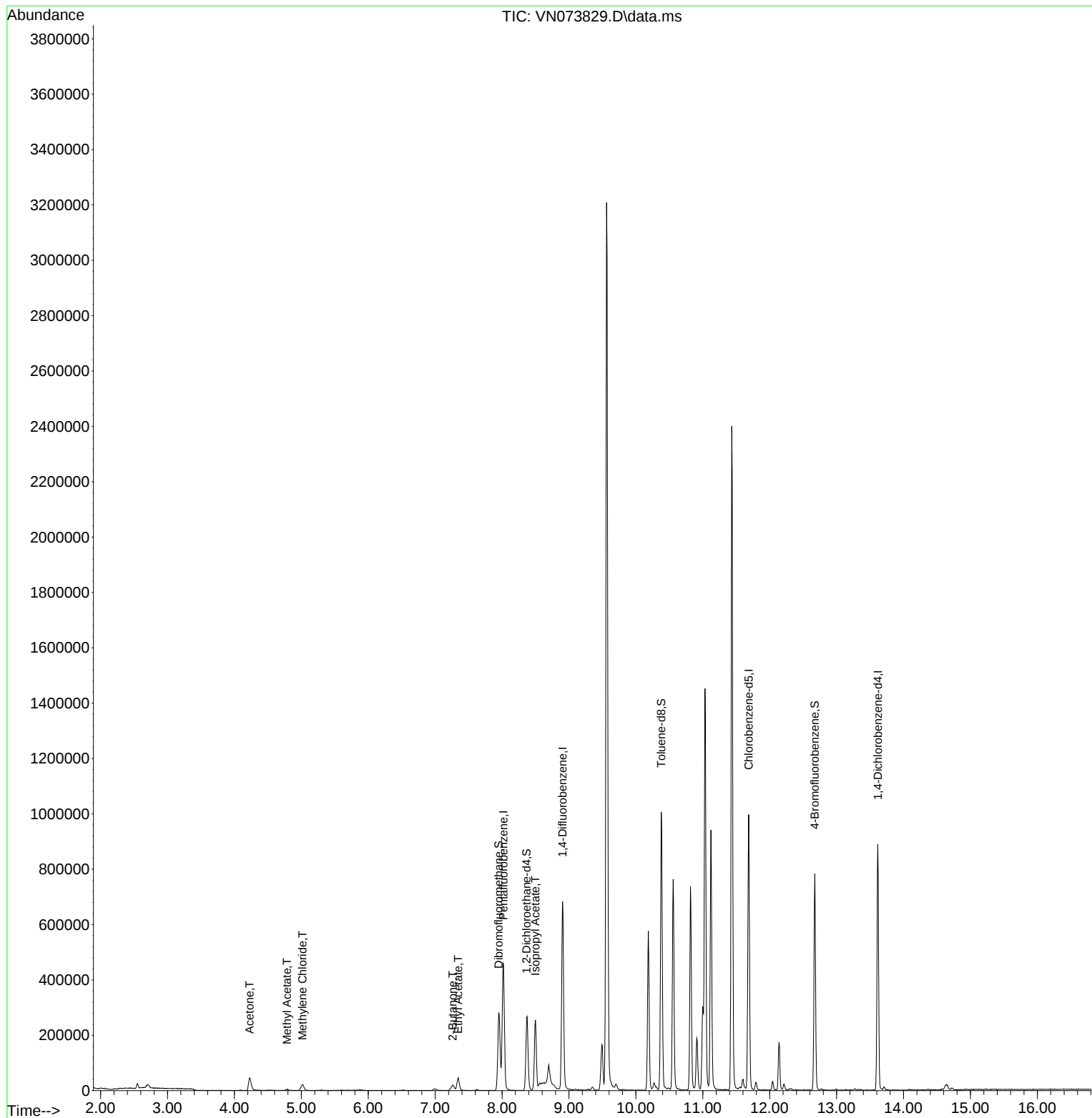
Internal Standards						
1) Pentafluorobenzene	8.022	168	376942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	623899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	597090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	257762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	220154	47.926	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.860%		
35) Dibromofluoromethane	7.951	113	208179	53.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.280%		
50) Toluene-d8	10.380	98	705376	45.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.674	95	250421	46.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.960%		
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	82812	33.564	ug/l	99
18) Methyl Acetate	4.787	43	8513	1.387	ug/l	93
20) Methylene Chloride	5.016	84	18700	2.595	ug/l	91
25) 2-Butanone	7.263	43	26887	7.017	ug/l	91
37) Ethyl Acetate	7.345	43	68991	9.382	ug/l	97
43) Isopropyl Acetate	8.498	43	275549	27.743	ug/l #	92

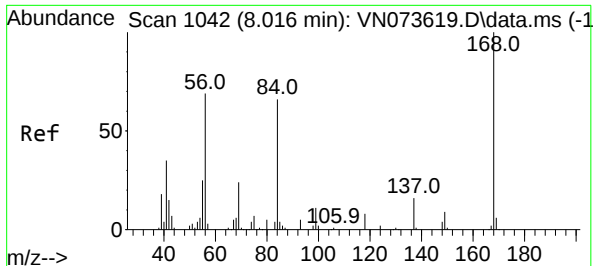
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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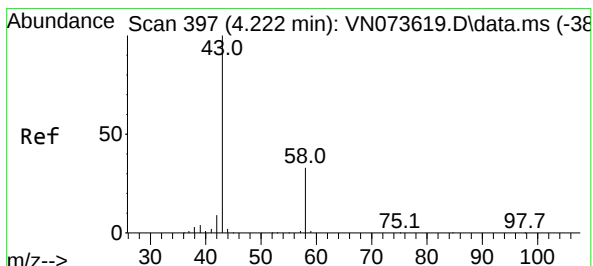
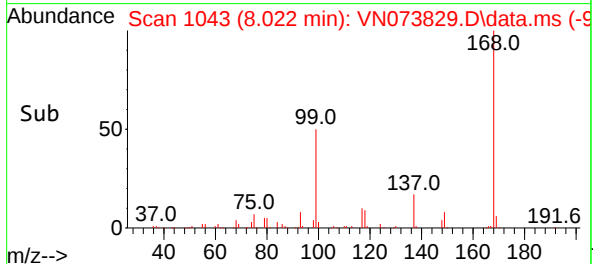
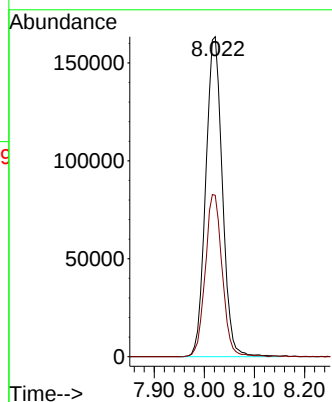
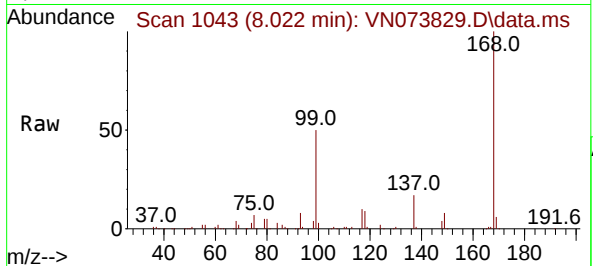




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

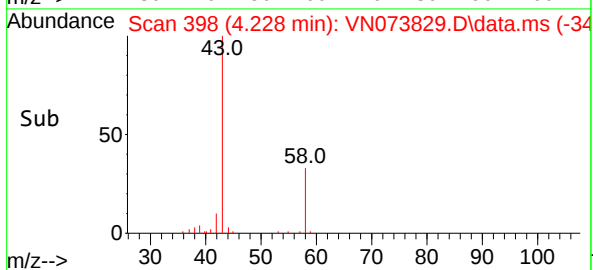
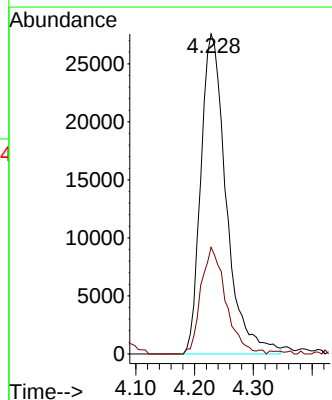
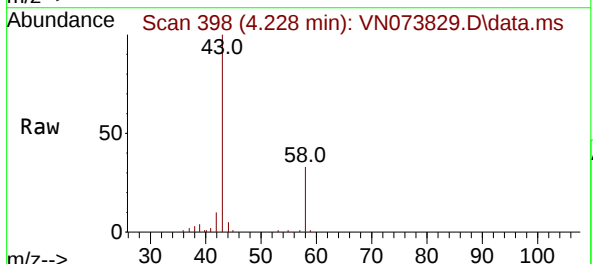
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#04

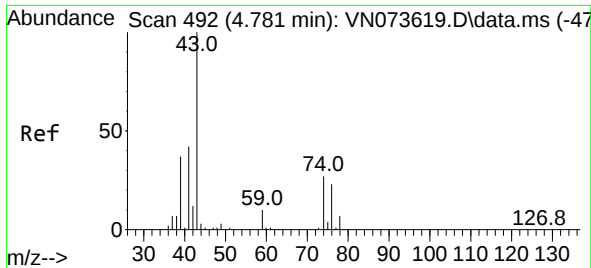
Tgt Ion:168 Resp: 376942
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#16
Acetone
Concen: 33.564 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

Tgt Ion: 43 Resp: 82812
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0

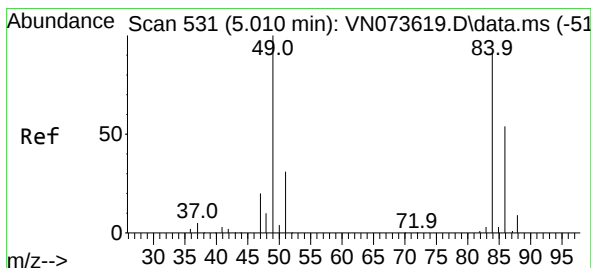
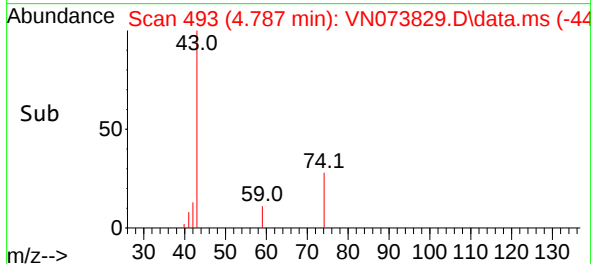
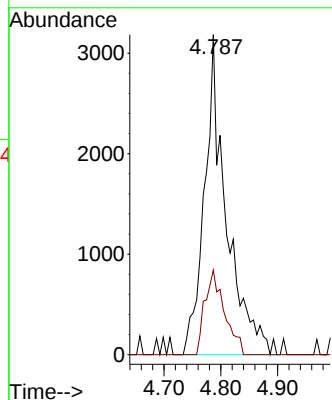
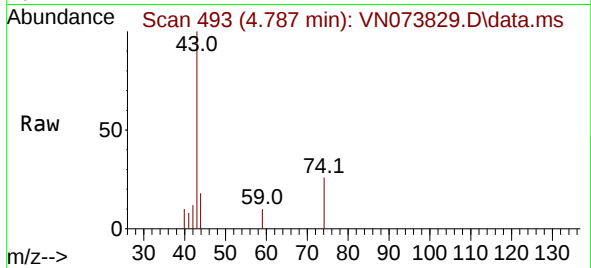




#18
Methyl Acetate
Concen: 1.387 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

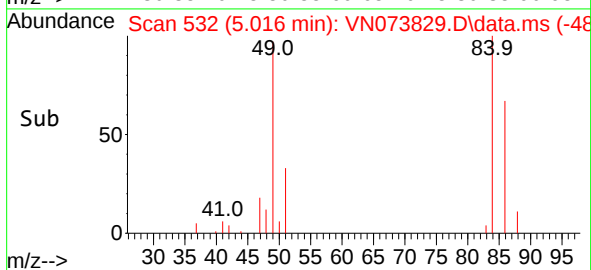
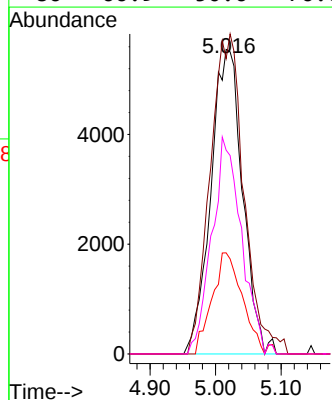
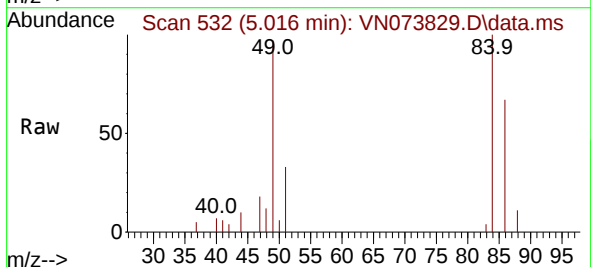
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#04

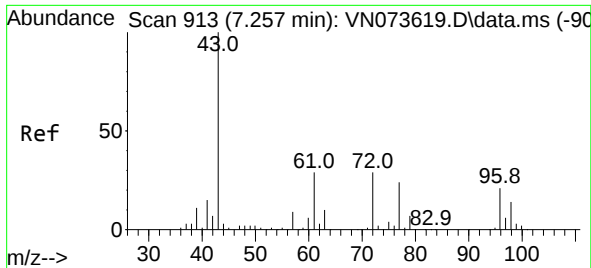
Tgt Ion: 43 Resp: 8513
Ion Ratio Lower Upper
43 100
74 23.6 21.6 32.4



#20
Methylene Chloride
Concen: 2.595 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

Tgt Ion: 84 Resp: 18700
Ion Ratio Lower Upper
84 100
49 97.0 88.3 132.5
51 33.2 28.2 42.2
86 66.9 50.6 76.0

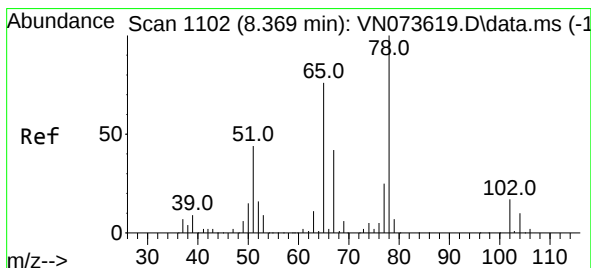
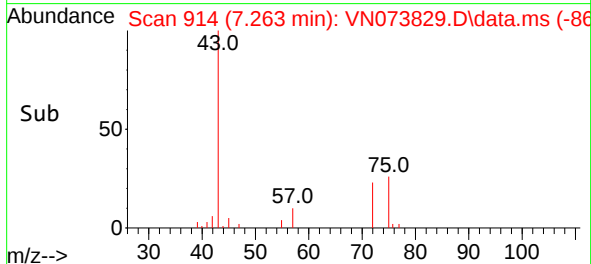
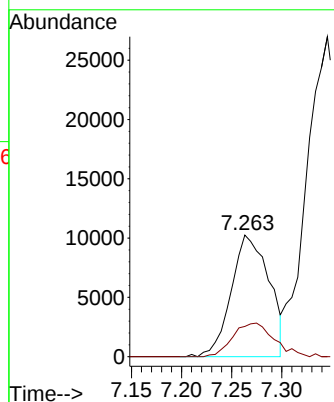
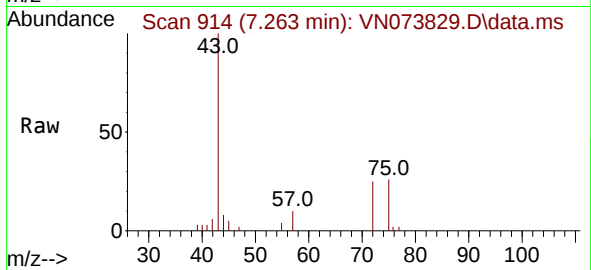




#25
2-Butanone
Concen: 7.017 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

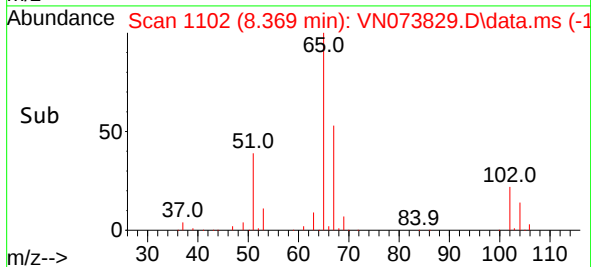
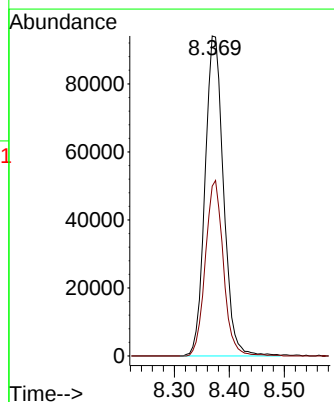
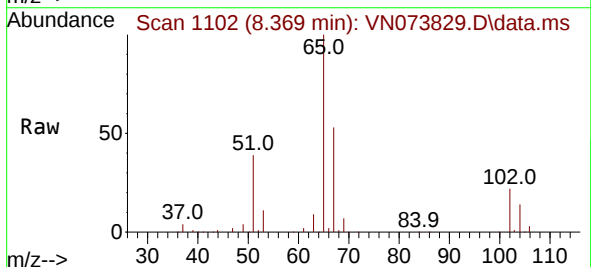
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#04

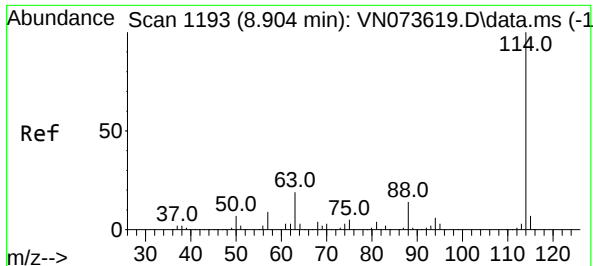
Tgt Ion: 43 Resp: 26887
Ion Ratio Lower Upper
43 100
72 24.9 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 47.926 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

Tgt Ion: 65 Resp: 220154
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: VN073829.D

Acq: 11 Aug 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

PB146912ZHE#04

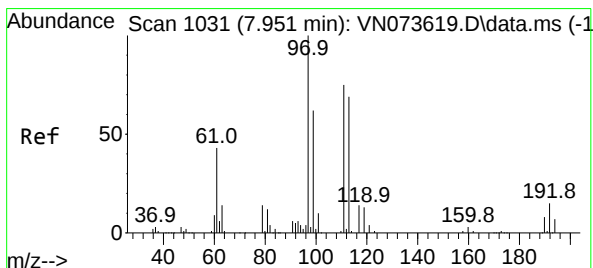
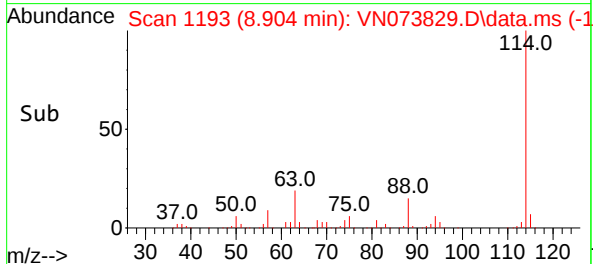
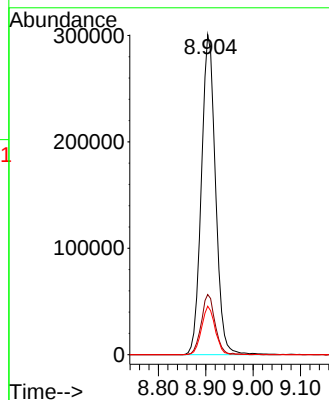
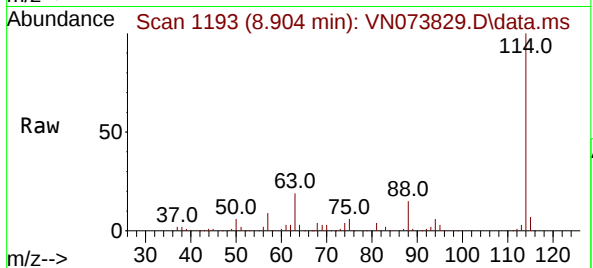
Tgt Ion:114 Resp: 623899

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.138 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073829.D

Acq: 11 Aug 2022 16:53

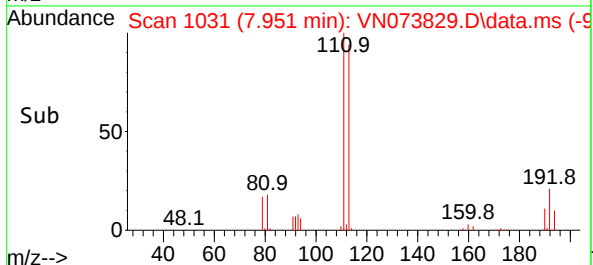
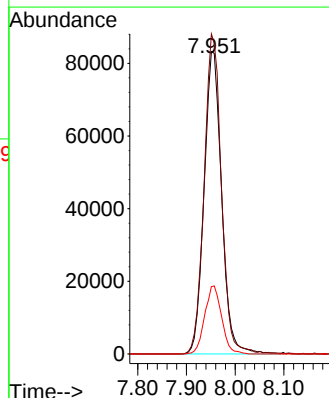
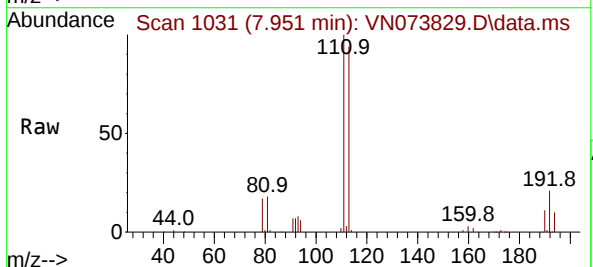
Tgt Ion:113 Resp: 208179

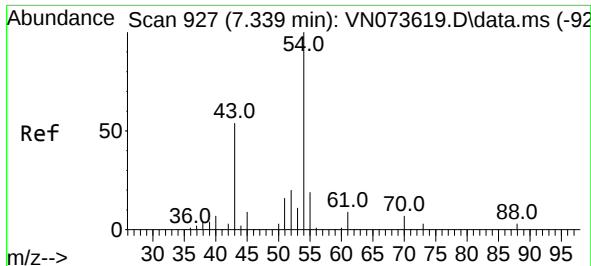
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 21.7 17.0 25.6

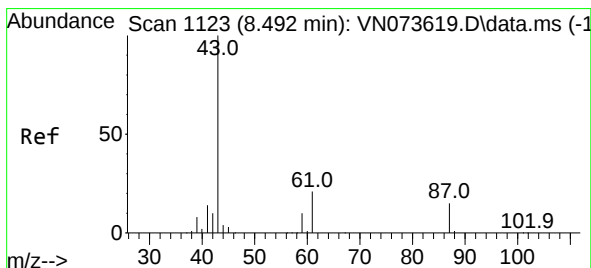
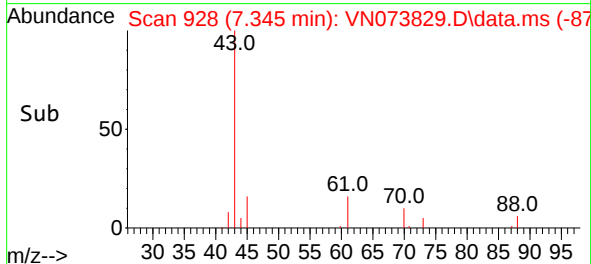
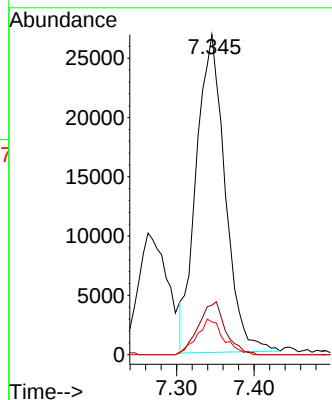
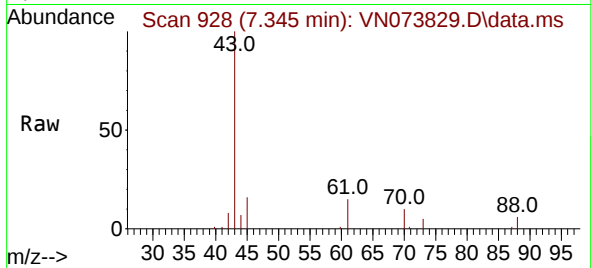




#37
Ethyl Acetate
Concen: 9.382 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

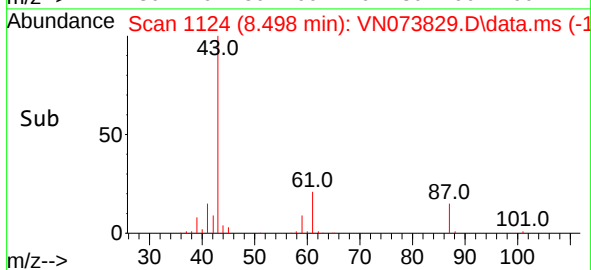
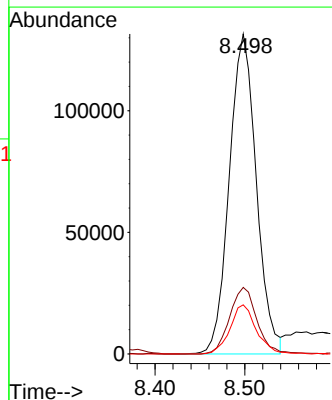
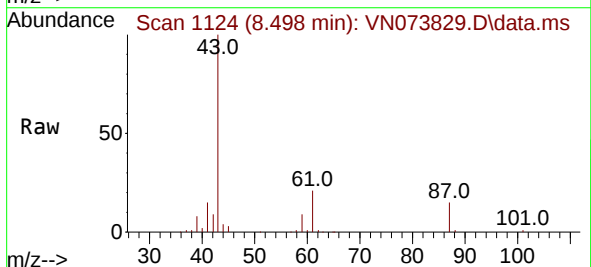
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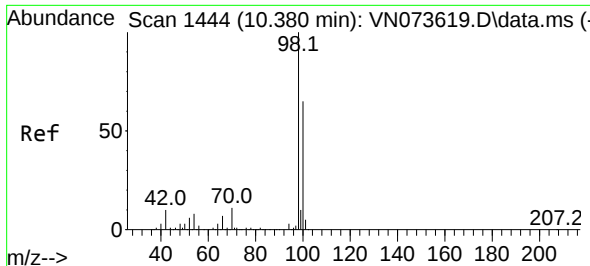
Tgt Ion: 43 Resp: 68991
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 10.4 9.3 13.9



#43
Isopropyl Acetate
Concen: 27.743 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

Tgt Ion: 43 Resp: 275549
Ion Ratio Lower Upper
43 100
61 21.1 21.9 32.9#
87 15.0 12.0 18.0

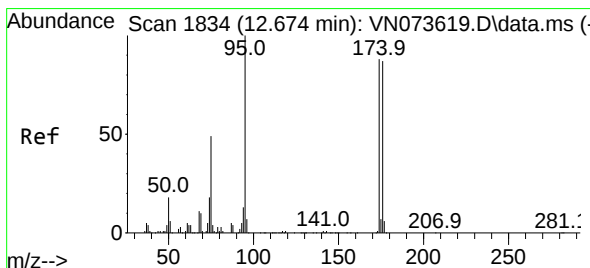
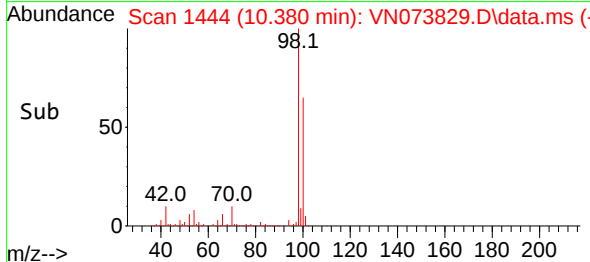
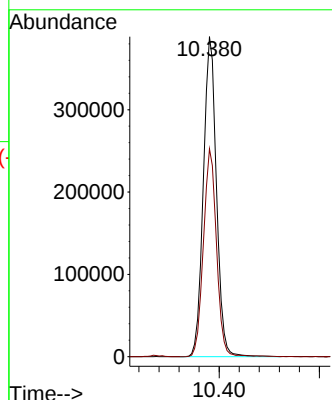
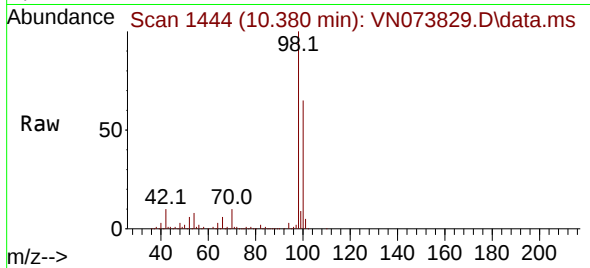




#50
Toluene-d8
Concen: 45.754 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

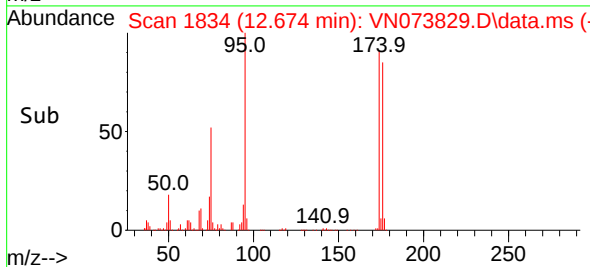
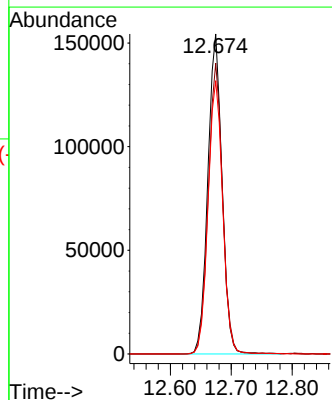
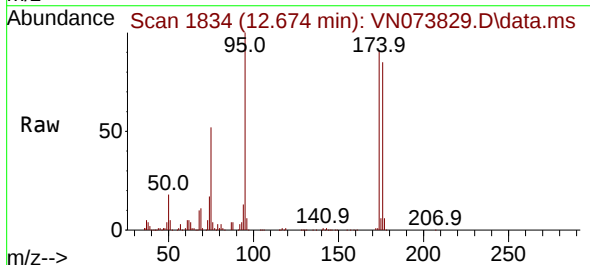
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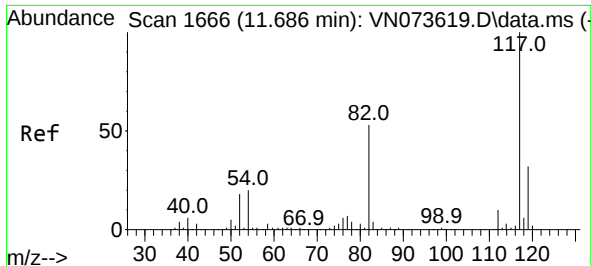
Tgt Ion: 98 Resp: 705376
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.477 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

Tgt Ion: 95 Resp: 250421
Ion Ratio Lower Upper
95 100
174 92.0 0.0 167.6
176 87.5 0.0 163.4

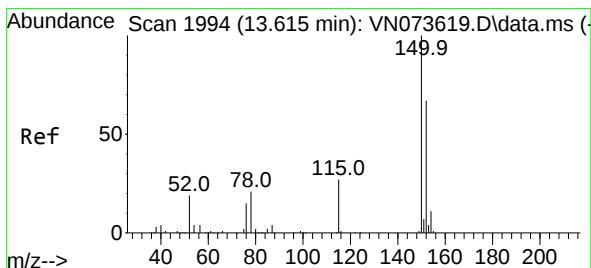
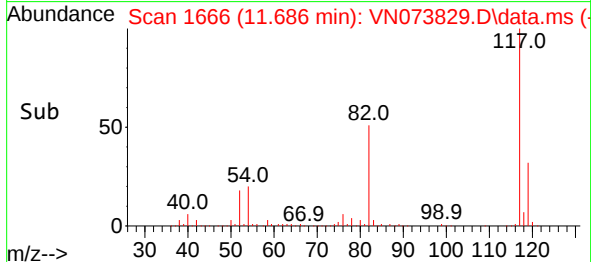
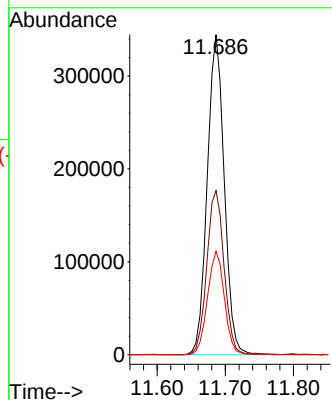
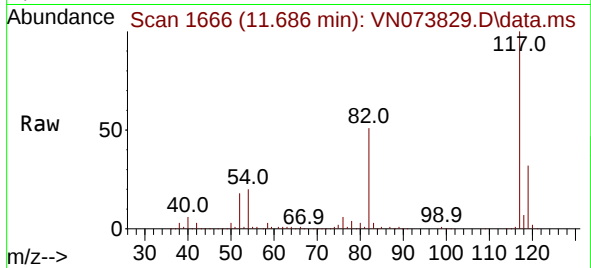




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073829.D
Acq: 11 Aug 2022 16:53

Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#04

Tgt Ion:117 Resp: 597090
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 32.3 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: VN073829.D
Acq: 11 Aug 2022 16:53

Tgt Ion:152 Resp: 257762
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.7
150 156.0 0.0 356.2

