

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073883.D
 Acq On : 13 Aug 2022 21:20
 Operator : JC\MD
 Sample : PB146976ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#09

Quant Time: Aug 14 02:40:29 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)

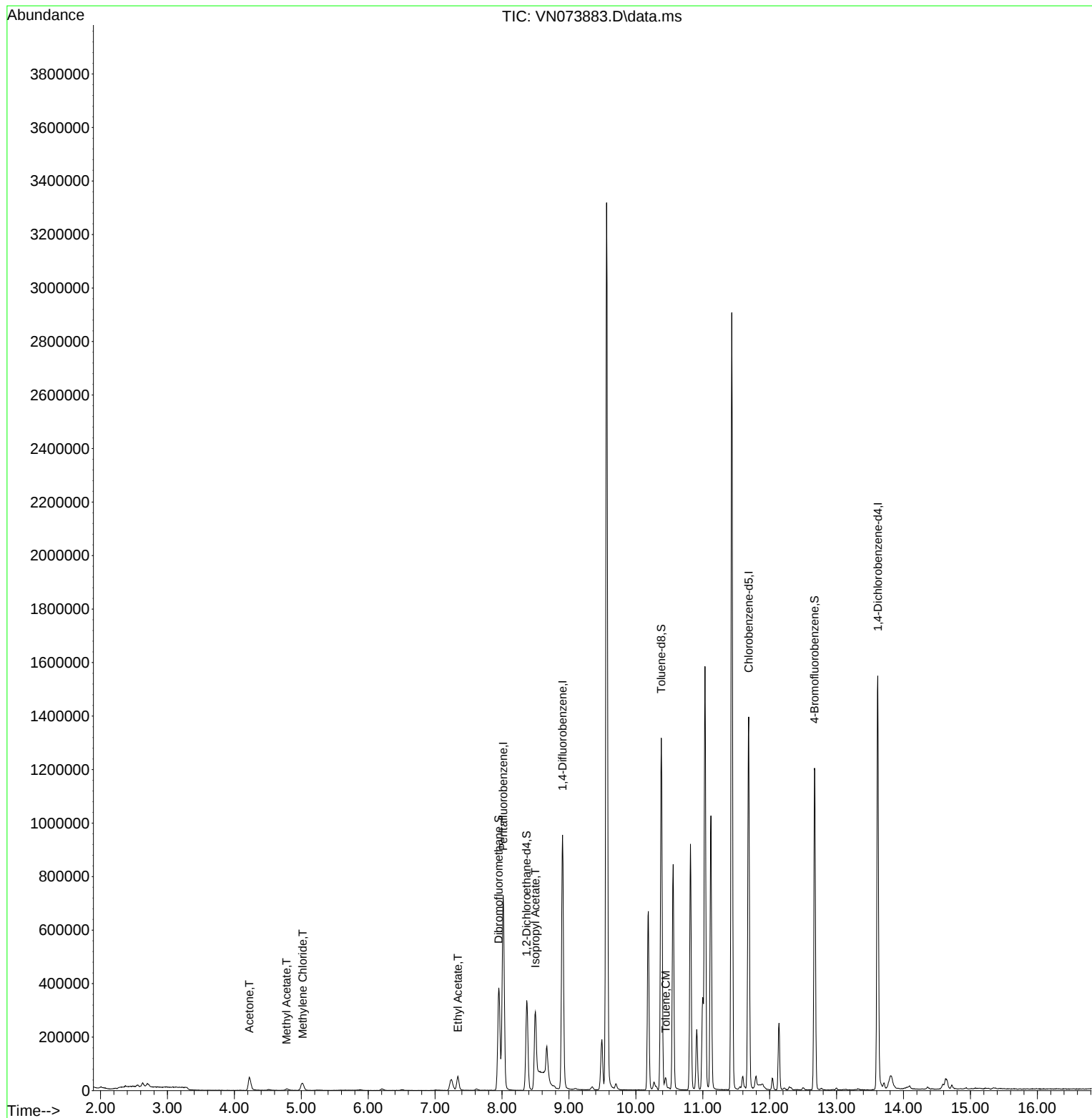
Internal Standards						
1) Pentafluorobenzene	8.016	168	625585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	902393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.687	117	865298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	459074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	281325	36.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	73.800%#
35) Dibromofluoromethane	7.951	113	280553	49.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	10.381	98	947521	42.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.980%#
62) 4-Bromofluorobenzene	12.669	95	386281	49.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.760%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	89699	21.906	ug/l	100
18) Methyl Acetate	4.781	43	11001	1.080	ug/l	97
20) Methylene Chloride	5.022	84	24820	1.614	ug/l	87
37) Ethyl Acetate	7.340	43	73367	6.898	ug/l	96
43) Isopropyl Acetate	8.498	43	394059	27.430	ug/l #	87
52) Toluene	10.445	92	18416	1.150	ug/l	95

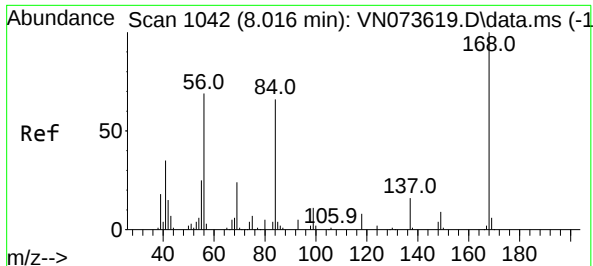
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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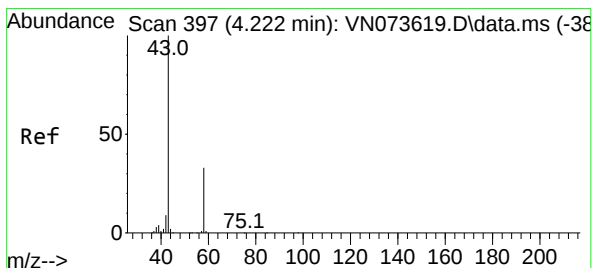
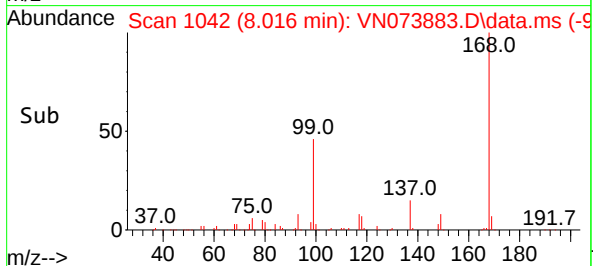
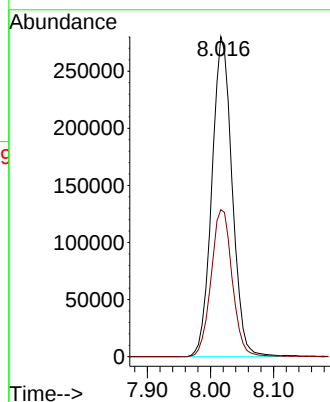
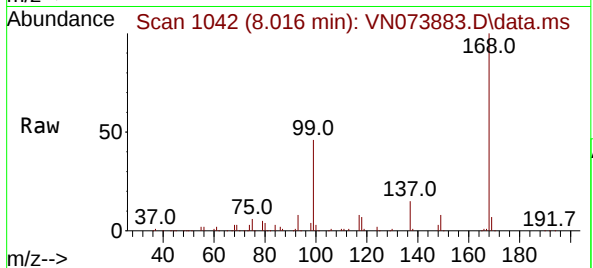




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

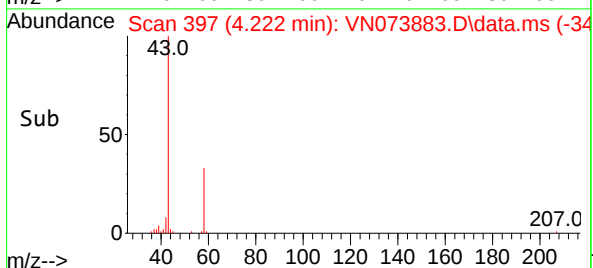
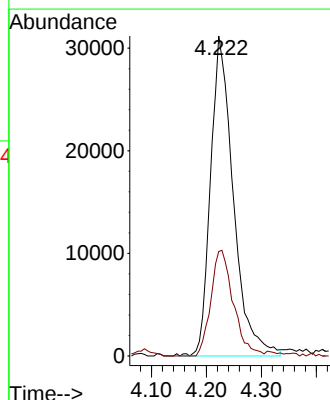
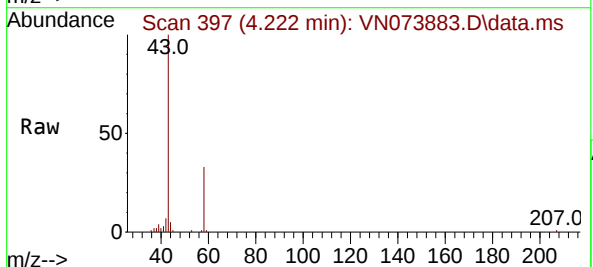
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#09

Tgt Ion:168 Resp: 625585
Ion Ratio Lower Upper
168 100
99 46.0 42.3 63.5



#16
Acetone
Concen: 21.906 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

Tgt Ion: 43 Resp: 89699
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0

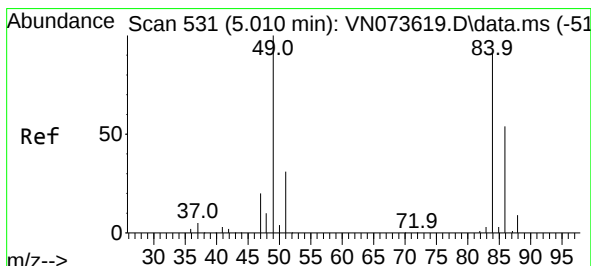
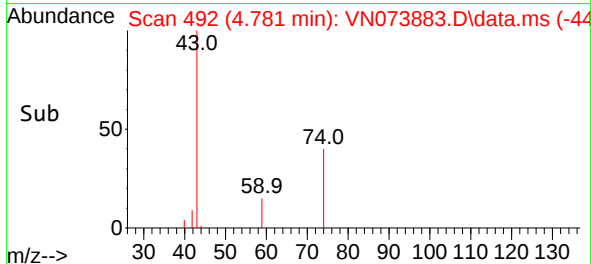
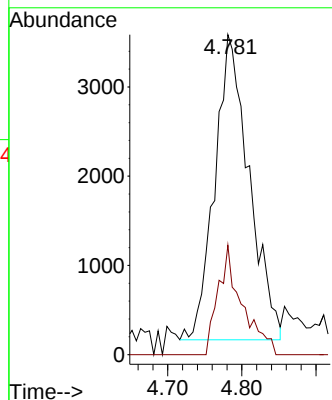
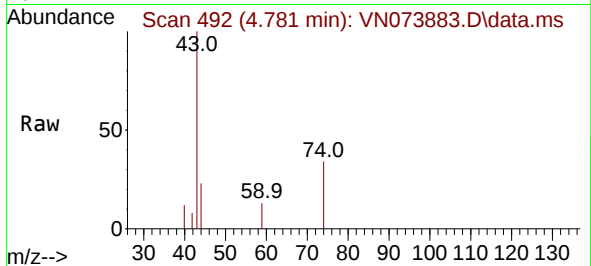




#18
Methyl Acetate
Concen: 1.080 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

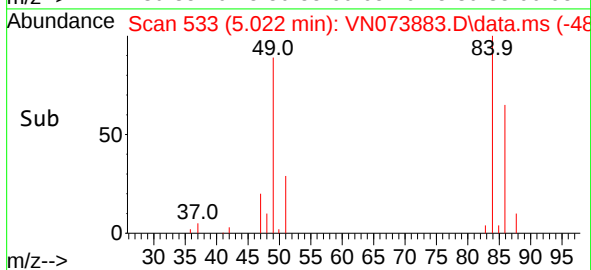
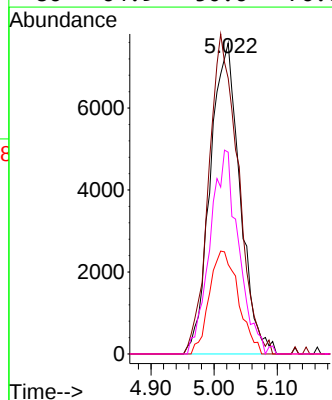
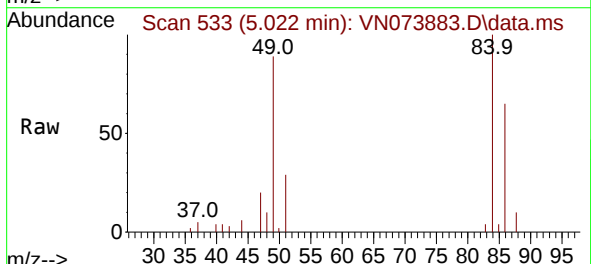
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#09

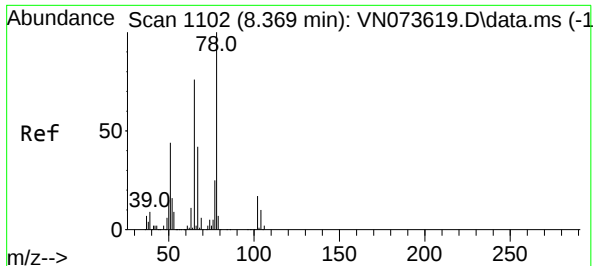
Tgt Ion: 43 Resp: 11001
Ion Ratio Lower Upper
43 100
74 25.2 21.6 32.4



#20
Methylene Chloride
Concen: 1.614 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

Tgt Ion: 84 Resp: 24820
Ion Ratio Lower Upper
84 100
49 88.6 88.3 132.5
51 28.7 28.2 42.2
86 64.9 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 36.901 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073883.D

Acq: 13 Aug 2022 21:20

Instrument :

MSVOA_N

ClientSampleId :

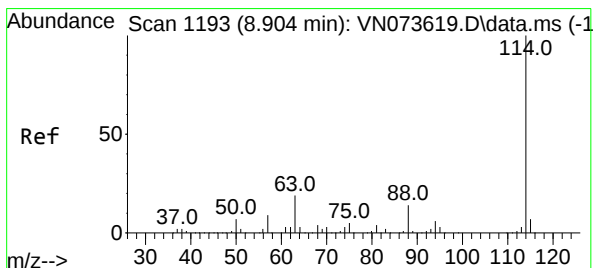
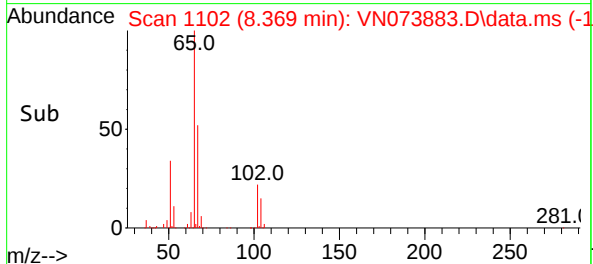
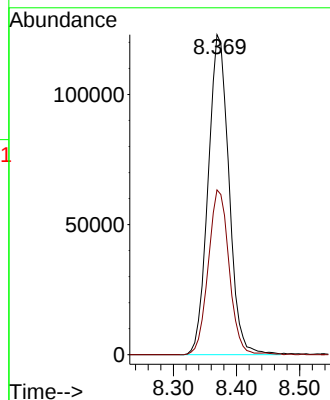
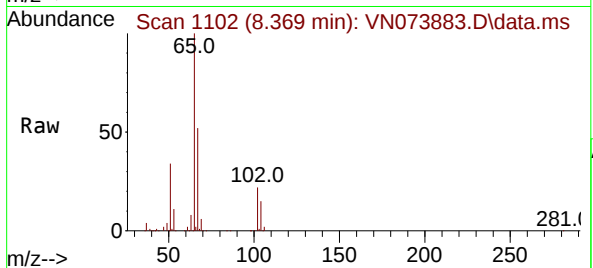
PB146976ZHE#09

Tgt Ion: 65 Resp: 281325

Ion Ratio Lower Upper

65 100

67 51.7 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: VN073883.D

Acq: 13 Aug 2022 21:20

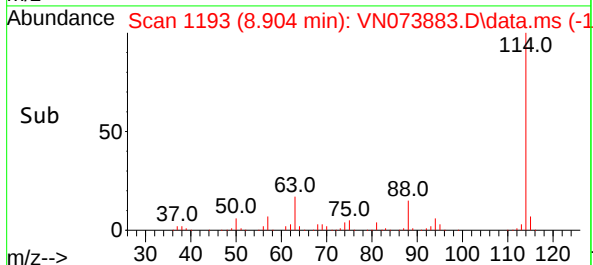
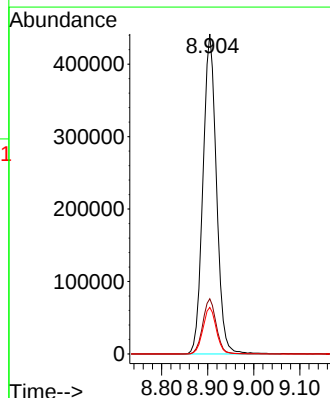
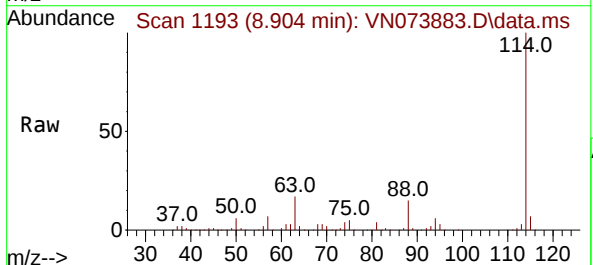
Tgt Ion: 114 Resp: 902393

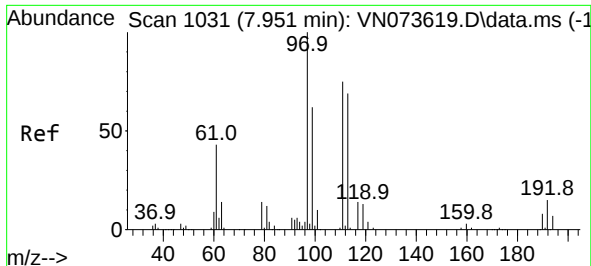
Ion Ratio Lower Upper

114 100

63 17.2 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.511 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073883.D

Acq: 13 Aug 2022 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#09

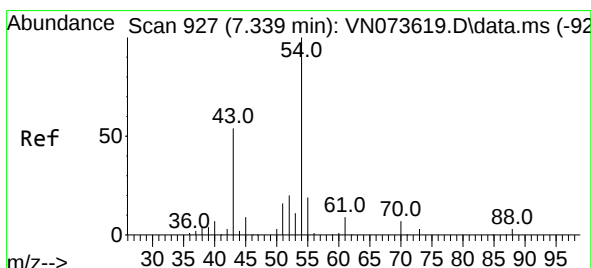
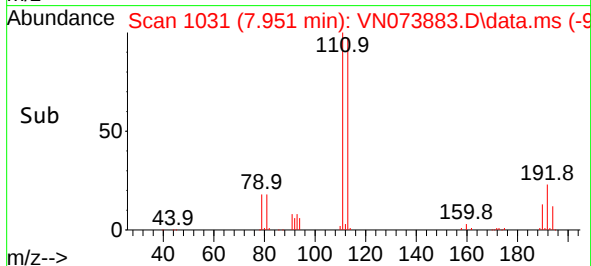
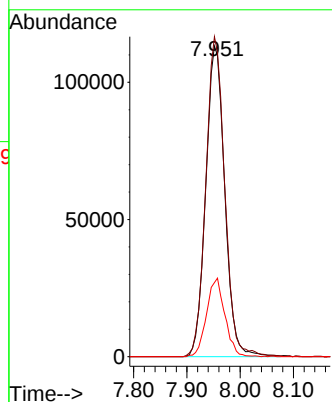
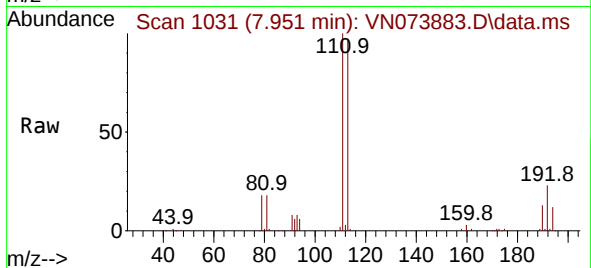
Tgt Ion:113 Resp: 280553

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 24.4 17.0 25.6



#37

Ethyl Acetate

Concen: 6.898 ug/l

RT: 7.340 min Scan# 927

Delta R.T. 0.000 min

Lab File: VN073883.D

Acq: 13 Aug 2022 21:20

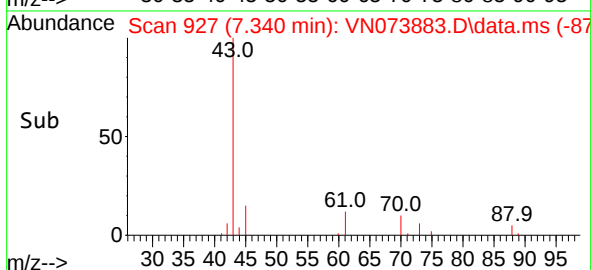
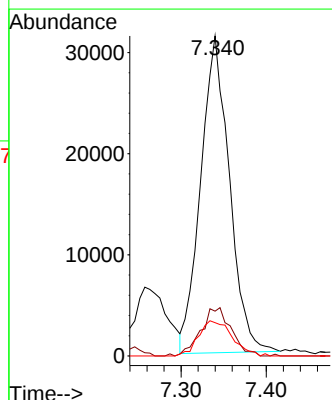
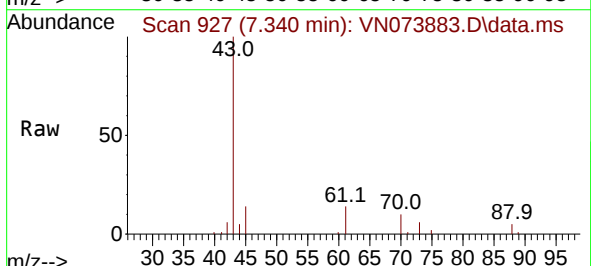
Tgt Ion: 43 Resp: 73367

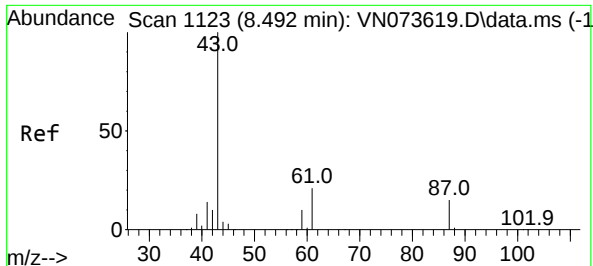
Ion Ratio Lower Upper

43 100

61 16.1 11.8 17.6

70 13.0 9.3 13.9

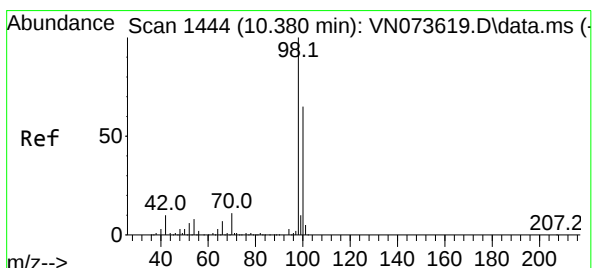
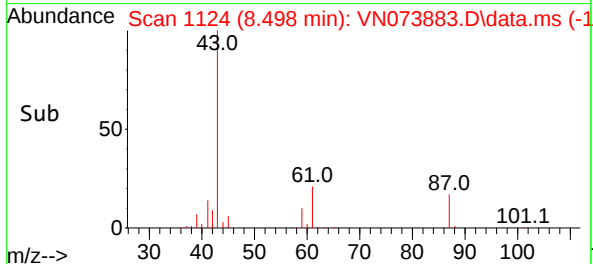
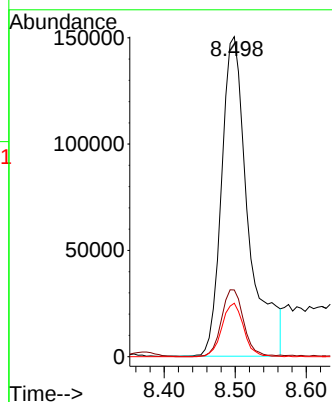
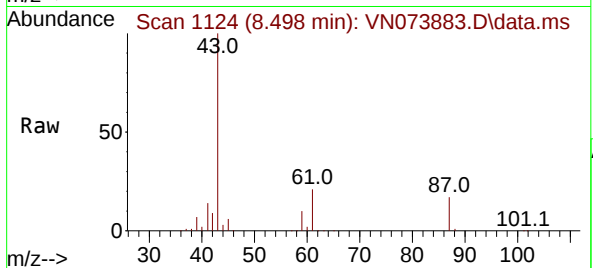




#43
Isopropyl Acetate
Concen: 27.430 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

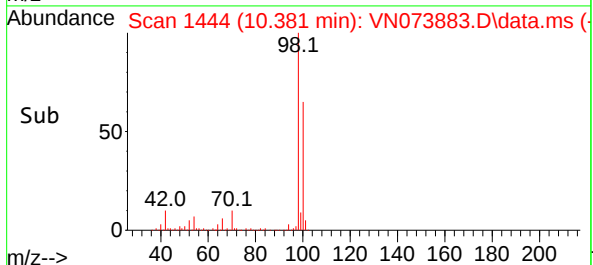
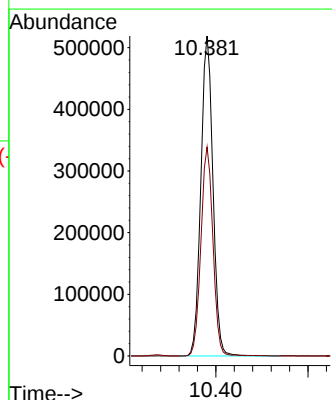
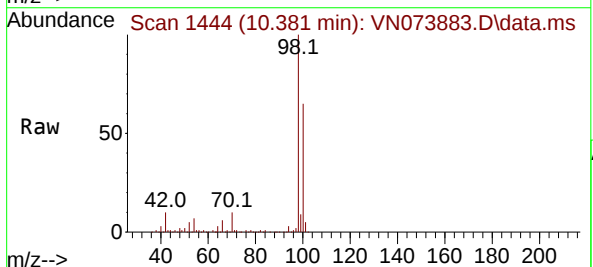
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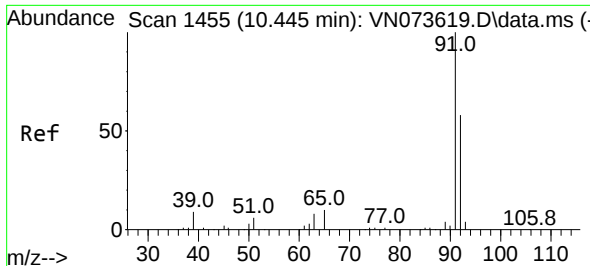
Tgt Ion: 43 Resp: 394059
Ion Ratio Lower Upper
43 100
61 17.8 21.9 32.9#
87 13.5 12.0 18.0



#50
Toluene-d8
Concen: 42.493 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

Tgt Ion: 98 Resp: 947521
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

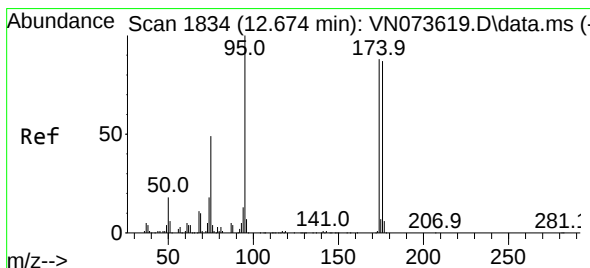
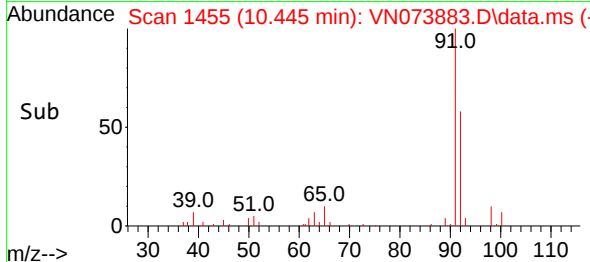
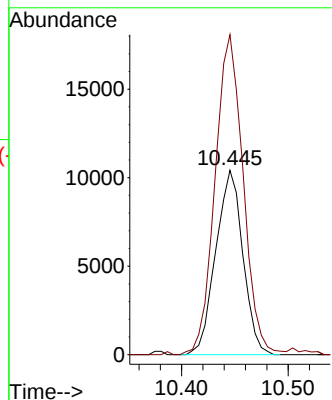
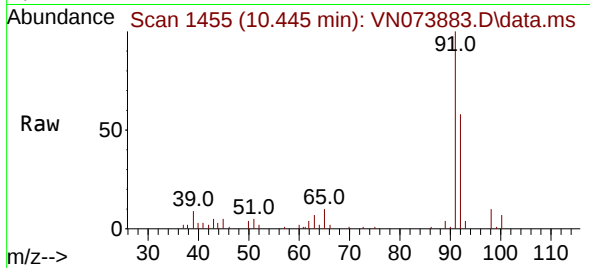




#52
Toluene
Concen: 1.150 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

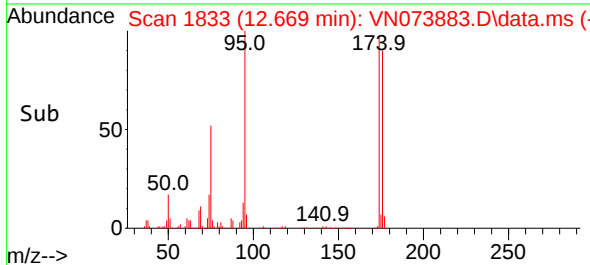
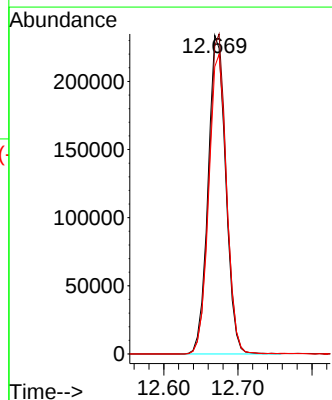
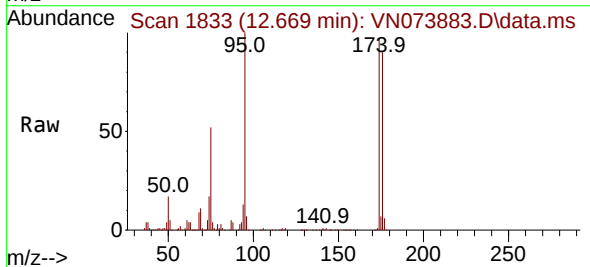
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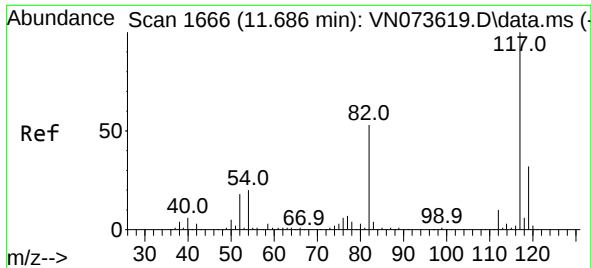
Tgt Ion: 92 Resp: 18416
Ion Ratio Lower Upper
92 100
91 179.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 49.384 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

Tgt Ion: 95 Resp: 386281
Ion Ratio Lower Upper
95 100
174 99.8 0.0 167.6
176 95.1 0.0 163.4

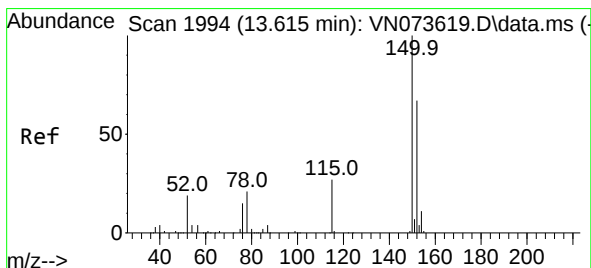
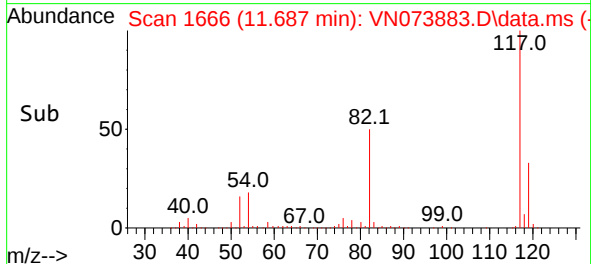
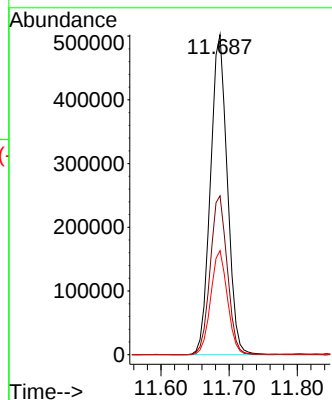
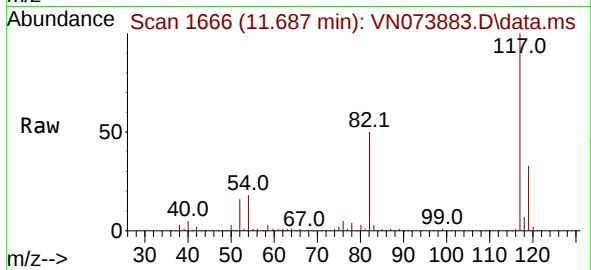




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073883.D
Acq: 13 Aug 2022 21:20

Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#09

Tgt Ion:117 Resp: 865298
Ion Ratio Lower Upper
117 100
82 49.6 44.2 66.2
119 32.5 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: VN073883.D
Acq: 13 Aug 2022 21:20

Tgt Ion:152 Resp: 459074
Ion Ratio Lower Upper
152 100
115 52.7 28.9 86.7
150 155.5 0.0 356.2

