

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073881.D
 Acq On : 13 Aug 2022 20:31
 Operator : JC\MD
 Sample : PB146976ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#07

Quant Time: Aug 14 02:39:42 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)

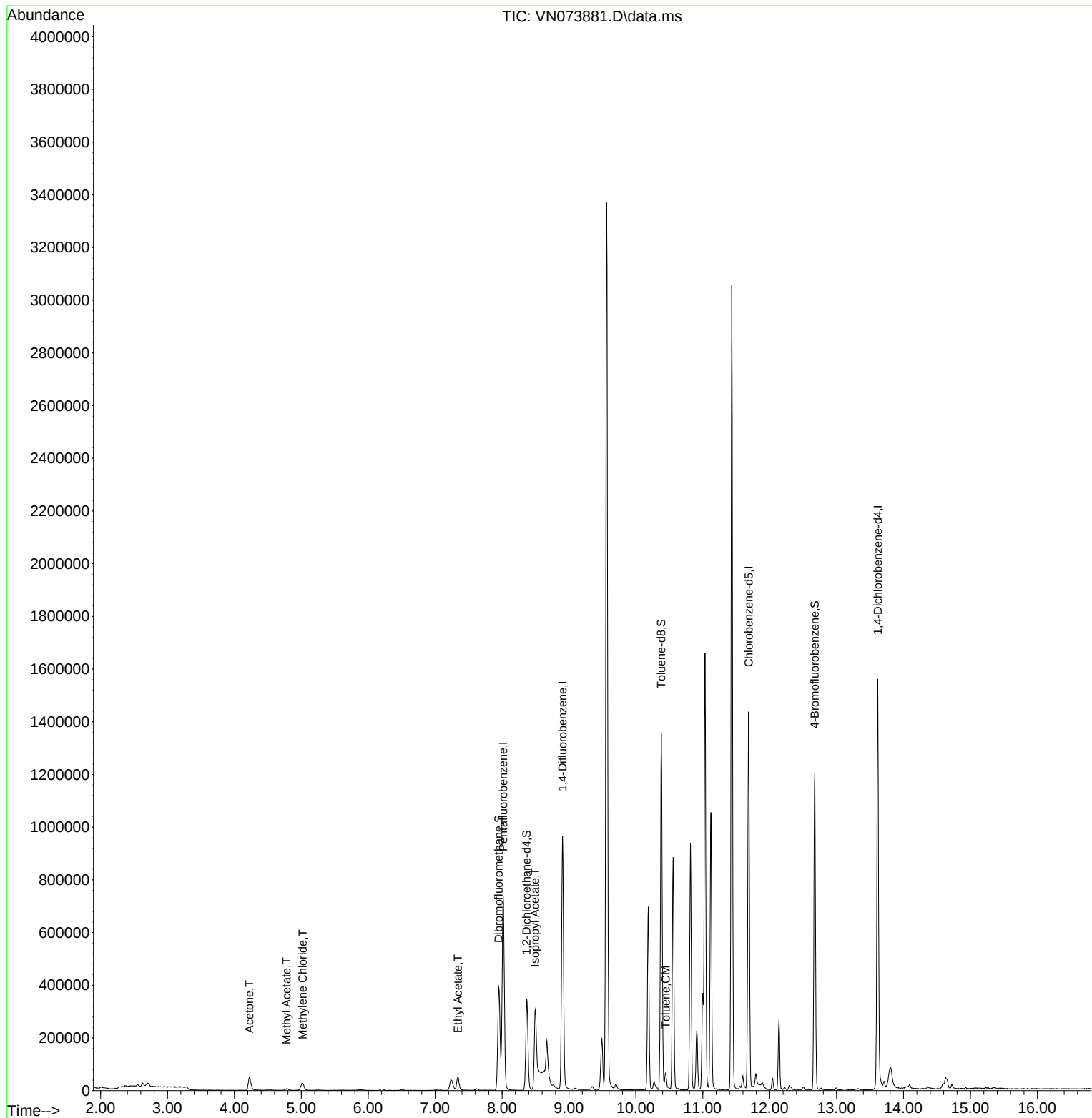
Internal Standards						
1) Pentafluorobenzene	8.016	168	640612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	919559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	876805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	459415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	288045	36.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	73.800%#
35) Dibromofluoromethane	7.951	113	288025	49.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	10.380	98	964141	42.431	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.860%#
62) 4-Bromofluorobenzene	12.674	95	393346	49.350	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.700%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	94028	22.424	ug/l	93
18) Methyl Acetate	4.781	43	12247	1.174	ug/l	98
20) Methylene Chloride	5.022	84	24475	1.469	ug/l	89
37) Ethyl Acetate	7.340	43	76585	7.066	ug/l	98
43) Isopropyl Acetate	8.492	43	435383	29.741	ug/l #	85
52) Toluene	10.445	92	26542	1.626	ug/l	95

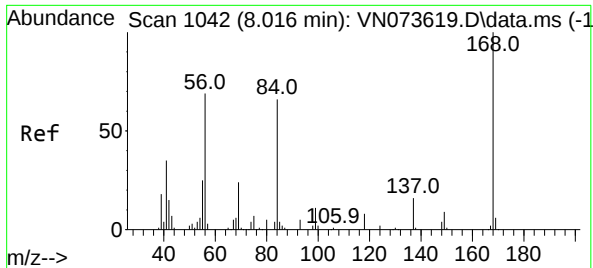
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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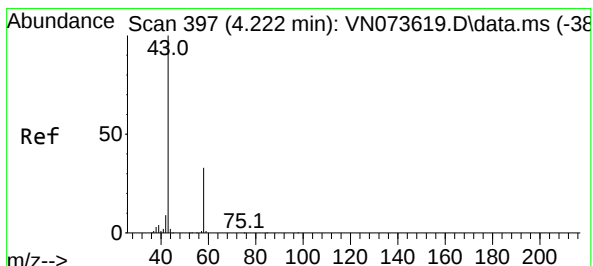
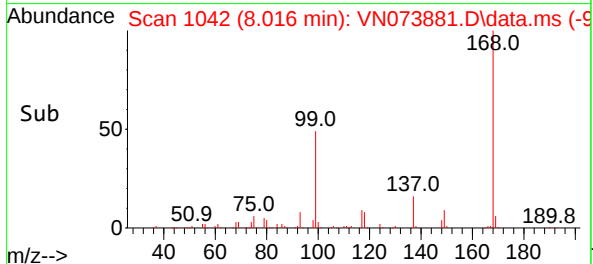
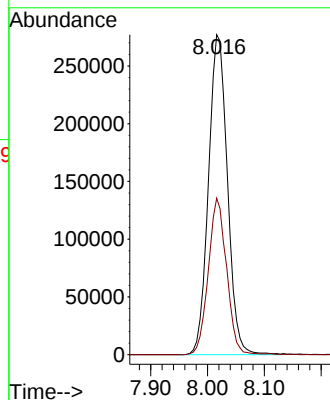
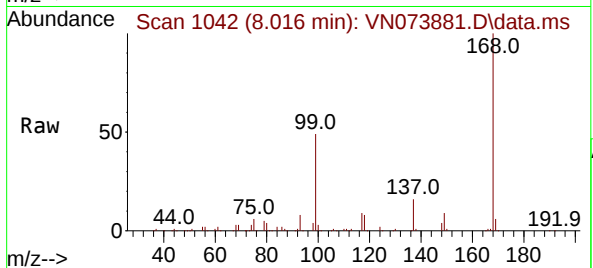




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073881.D
Acq: 13 Aug 2022 20:31

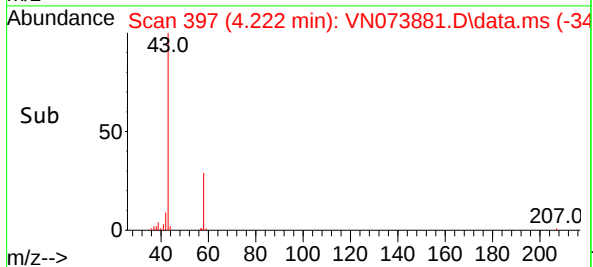
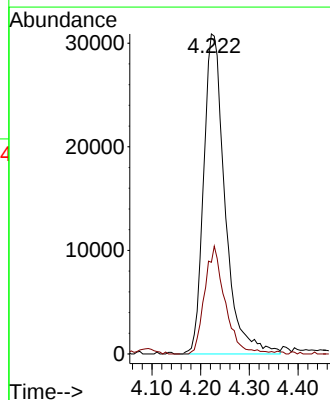
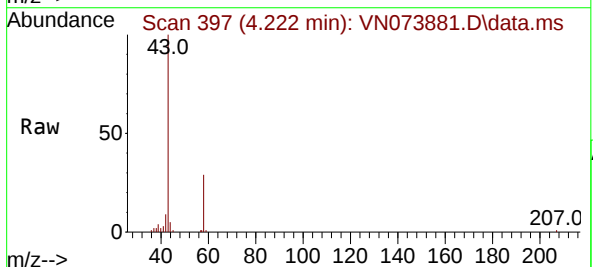
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#07

Tgt Ion:168 Resp: 640612
Ion Ratio Lower Upper
168 100
99 48.9 42.3 63.5



#16
Acetone
Concen: 22.424 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073881.D
Acq: 13 Aug 2022 20:31

Tgt Ion: 43 Resp: 94028
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0

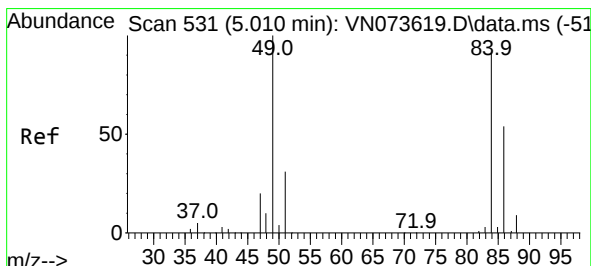
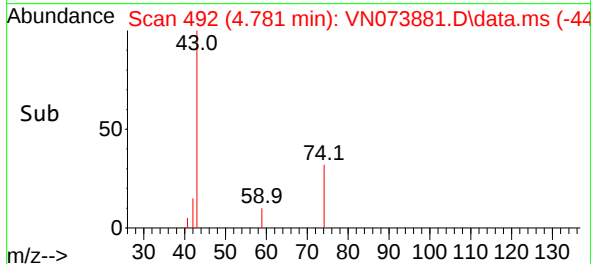
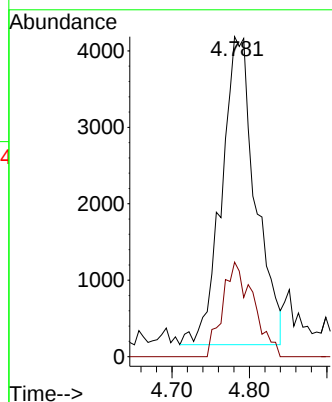
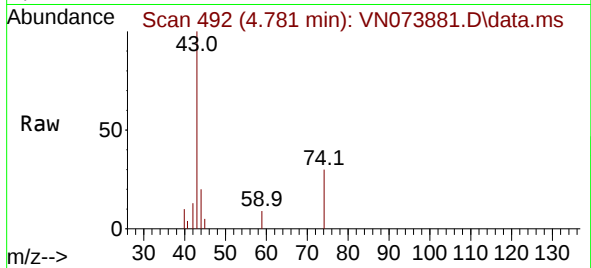




#18
Methyl Acetate
Concen: 1.174 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073881.D
Acq: 13 Aug 2022 20:31

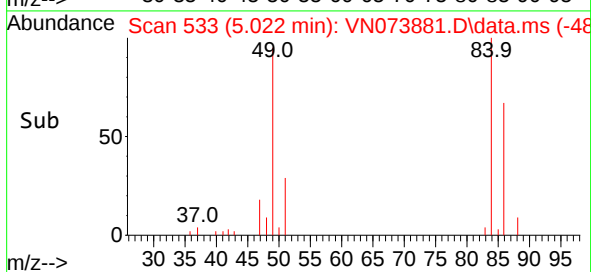
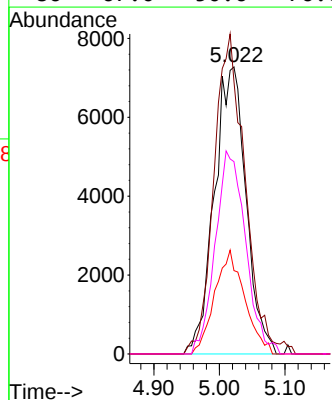
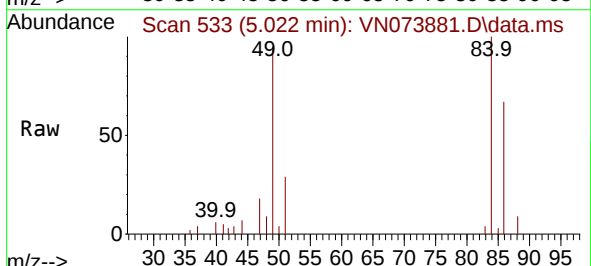
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#07

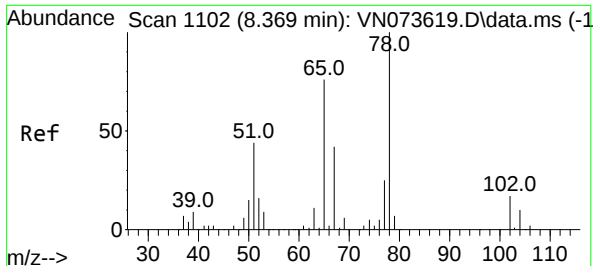
Tgt Ion: 43 Resp: 12247
Ion Ratio Lower Upper
43 100
74 27.9 21.6 32.4



#20
Methylene Chloride
Concen: 1.469 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073881.D
Acq: 13 Aug 2022 20:31

Tgt Ion: 84 Resp: 24475
Ion Ratio Lower Upper
84 100
49 94.9 88.3 132.5
51 29.0 28.2 42.2
86 67.0 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 36.896 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073881.D

Acq: 13 Aug 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

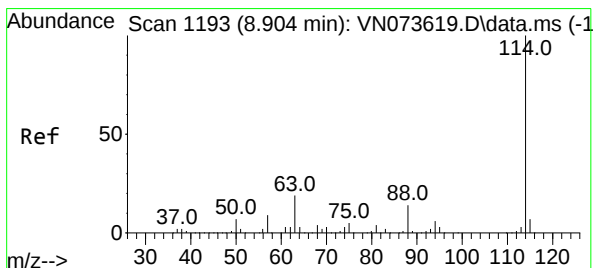
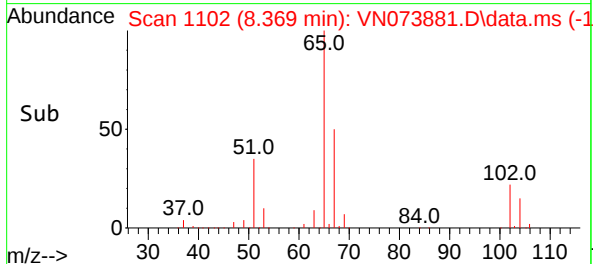
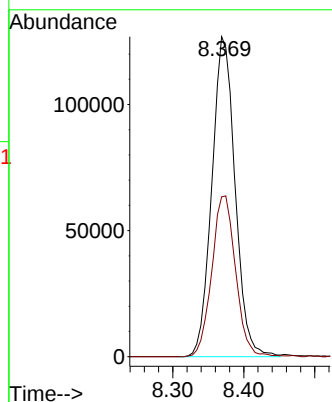
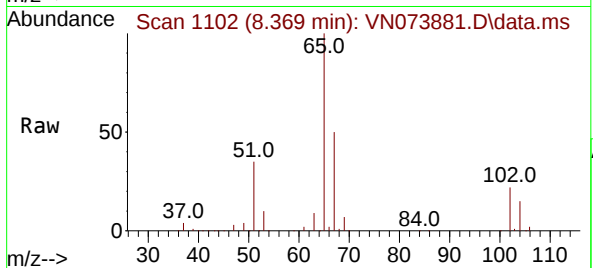
PB146976ZHE#07

Tgt Ion: 65 Resp: 288045

Ion Ratio Lower Upper

65 100

67 51.6 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: VN073881.D

Acq: 13 Aug 2022 20:31

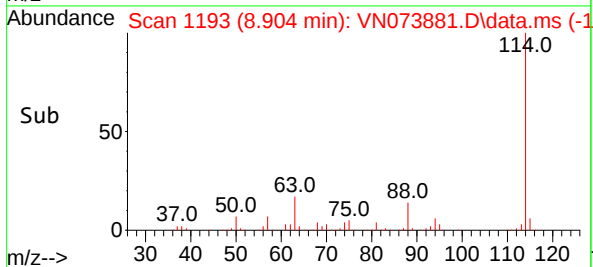
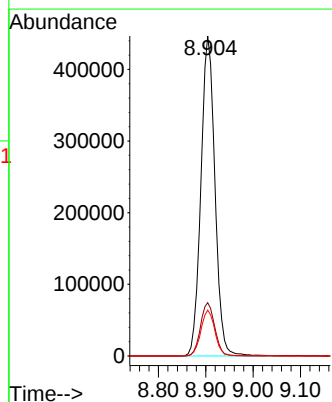
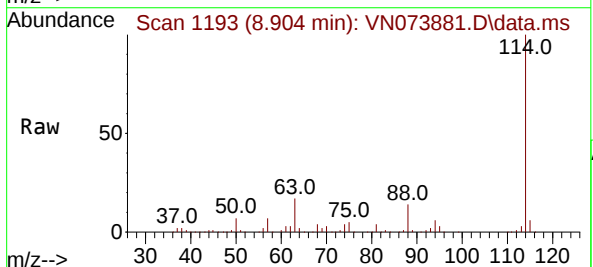
Tgt Ion: 114 Resp: 919559

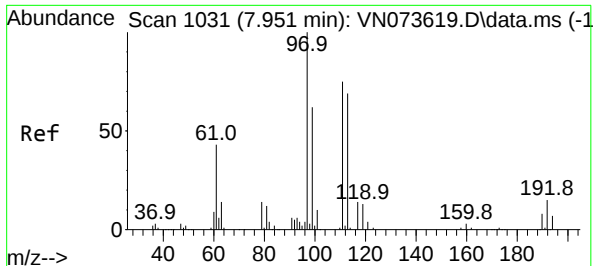
Ion Ratio Lower Upper

114 100

63 16.7 0.0 40.0

88 14.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073881.D

Acq: 13 Aug 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#07

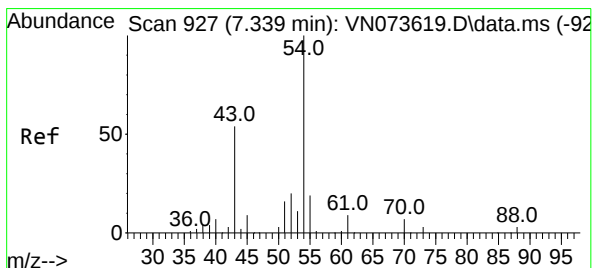
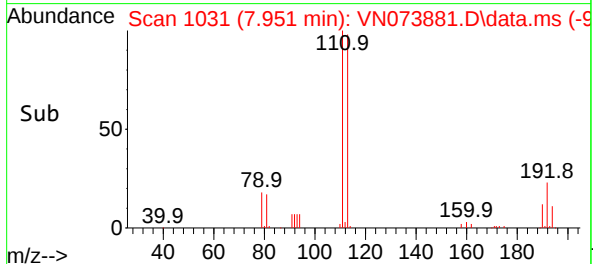
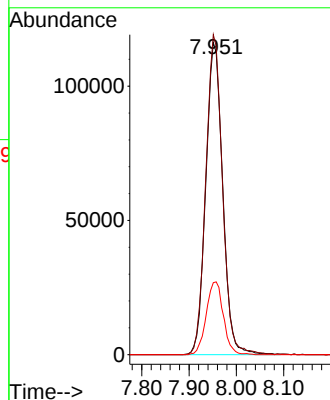
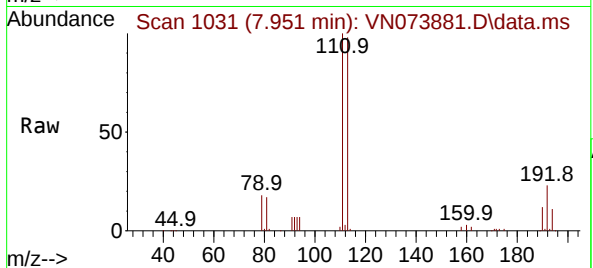
Tgt Ion:113 Resp: 288025

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 23.7 17.0 25.6



#37

Ethyl Acetate

Concen: 7.066 ug/l

RT: 7.340 min Scan# 927

Delta R.T. 0.000 min

Lab File: VN073881.D

Acq: 13 Aug 2022 20:31

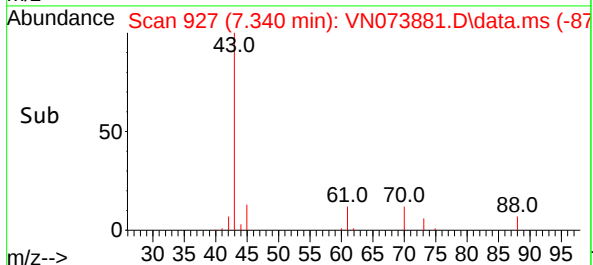
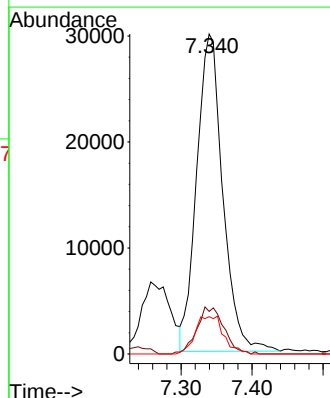
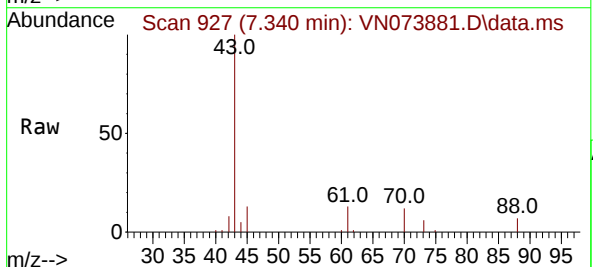
Tgt Ion: 43 Resp: 76585

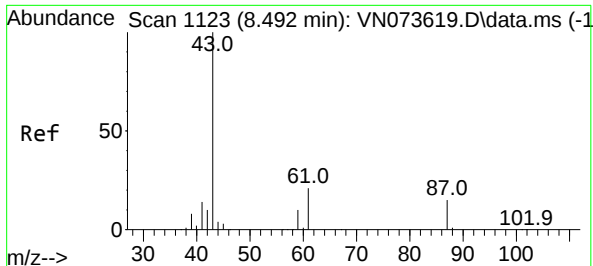
Ion Ratio Lower Upper

43 100

61 15.3 11.8 17.6

70 12.9 9.3 13.9





#43

Isopropyl Acetate

Concen: 29.741 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073881.D

Acq: 13 Aug 2022 20:31

Instrument :

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PB146976ZHE#07

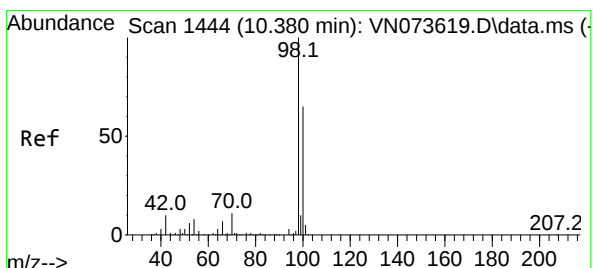
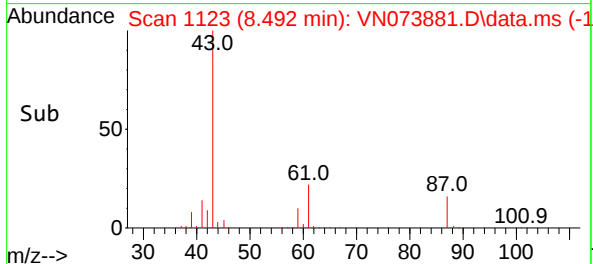
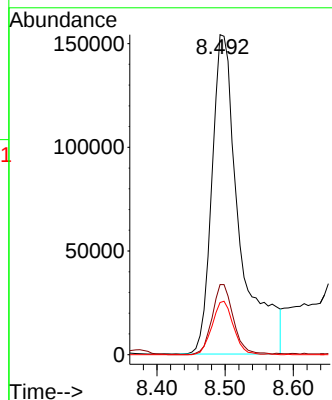
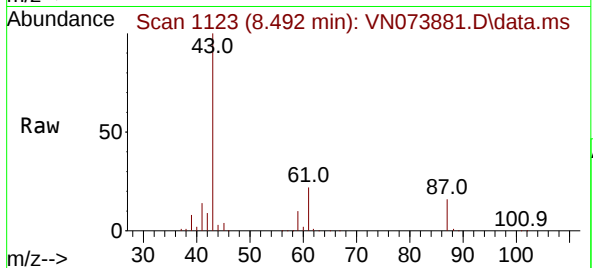
Tgt Ion: 43 Resp: 435383

Ion Ratio Lower Upper

43 100

61 16.9 21.9 32.9#

87 12.9 12.0 18.0



#50

Toluene-d8

Concen: 42.431 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073881.D

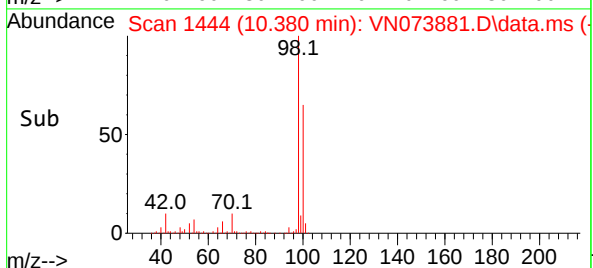
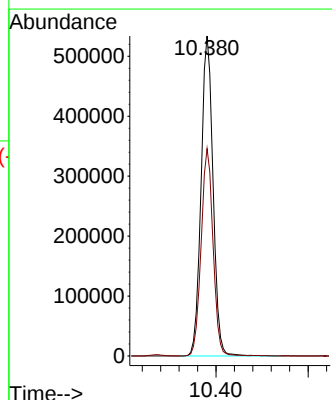
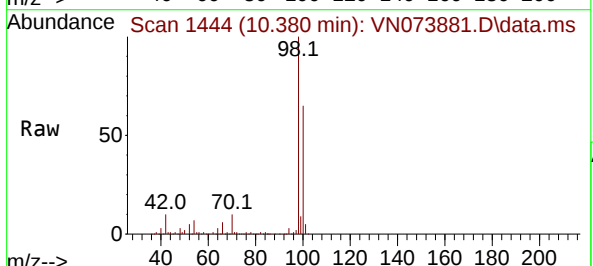
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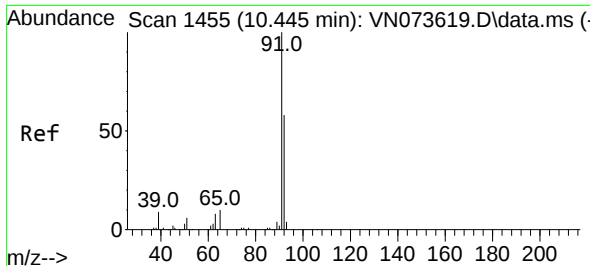
Tgt Ion: 98 Resp: 964141

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8

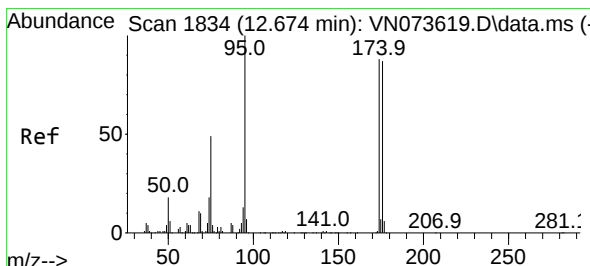
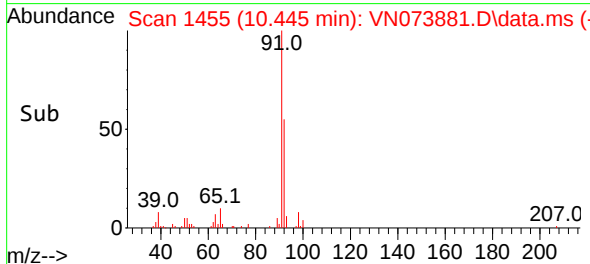
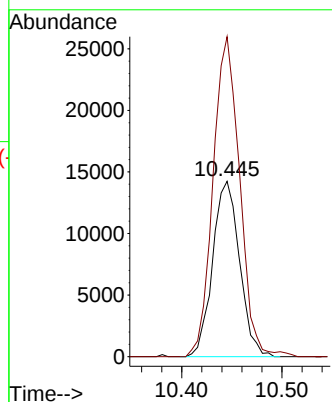
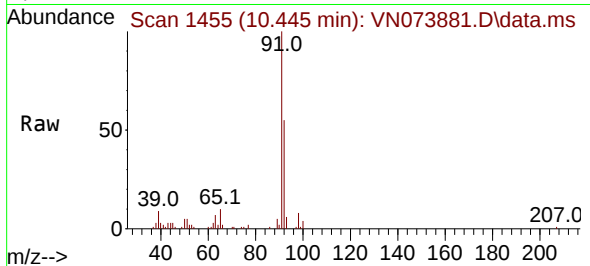




#52
Toluene
Concen: 1.626 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073881.D
Acq: 13 Aug 2022 20:31

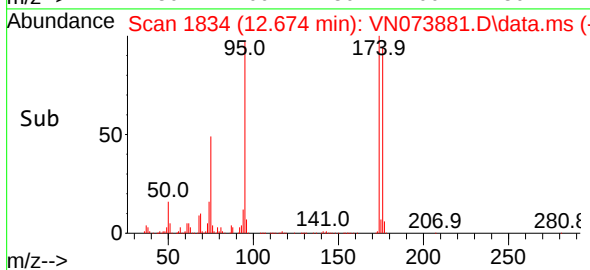
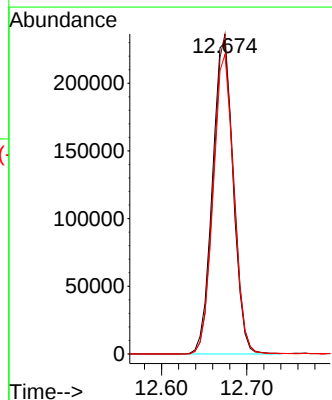
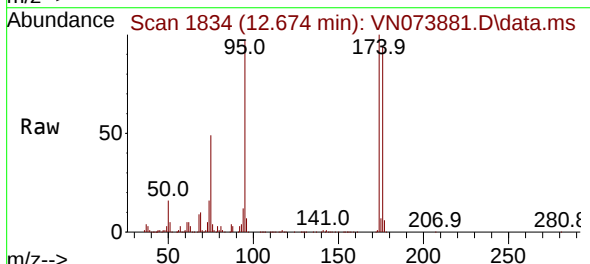
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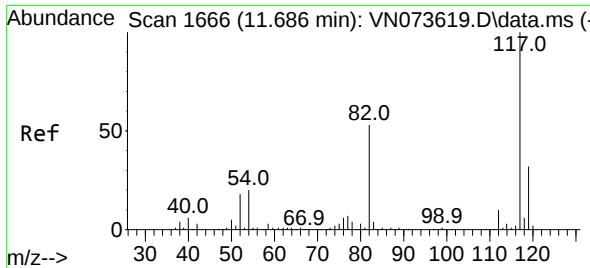
Tgt Ion: 92 Resp: 26542
Ion Ratio Lower Upper
92 100
91 180.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 49.350 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073881.D
Acq: 13 Aug 2022 20:31

Tgt Ion: 95 Resp: 393346
Ion Ratio Lower Upper
95 100
174 99.1 0.0 167.6
176 94.3 0.0 163.4

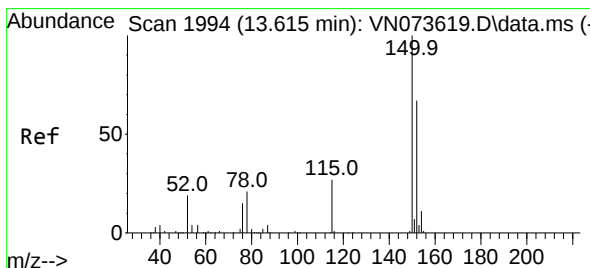
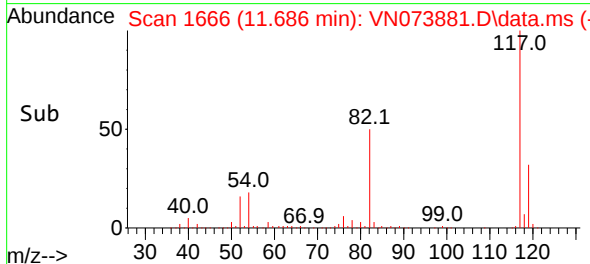
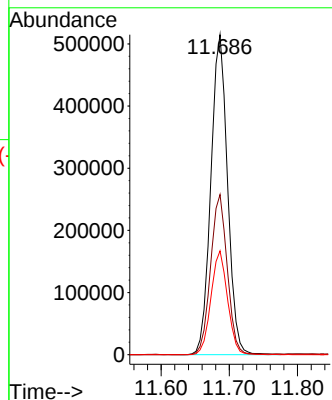
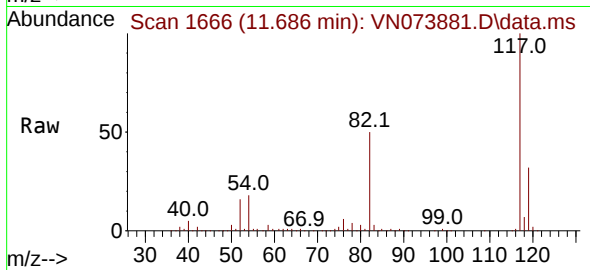




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073881.D
Acq: 13 Aug 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#07

Tgt Ion:117 Resp: 876805
Ion Ratio Lower Upper
117 100
82 50.0 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: VN073881.D
Acq: 13 Aug 2022 20:31

Tgt Ion:152 Resp: 459415
Ion Ratio Lower Upper
152 100
115 52.5 28.9 86.7
150 156.8 0.0 356.2

