

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073803.D
 Acq On : 10 Aug 2022 17:25
 Operator : JC\MD
 Sample : PB146860ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146860ZHE#02

Quant Time: Aug 10 22:55:23 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)

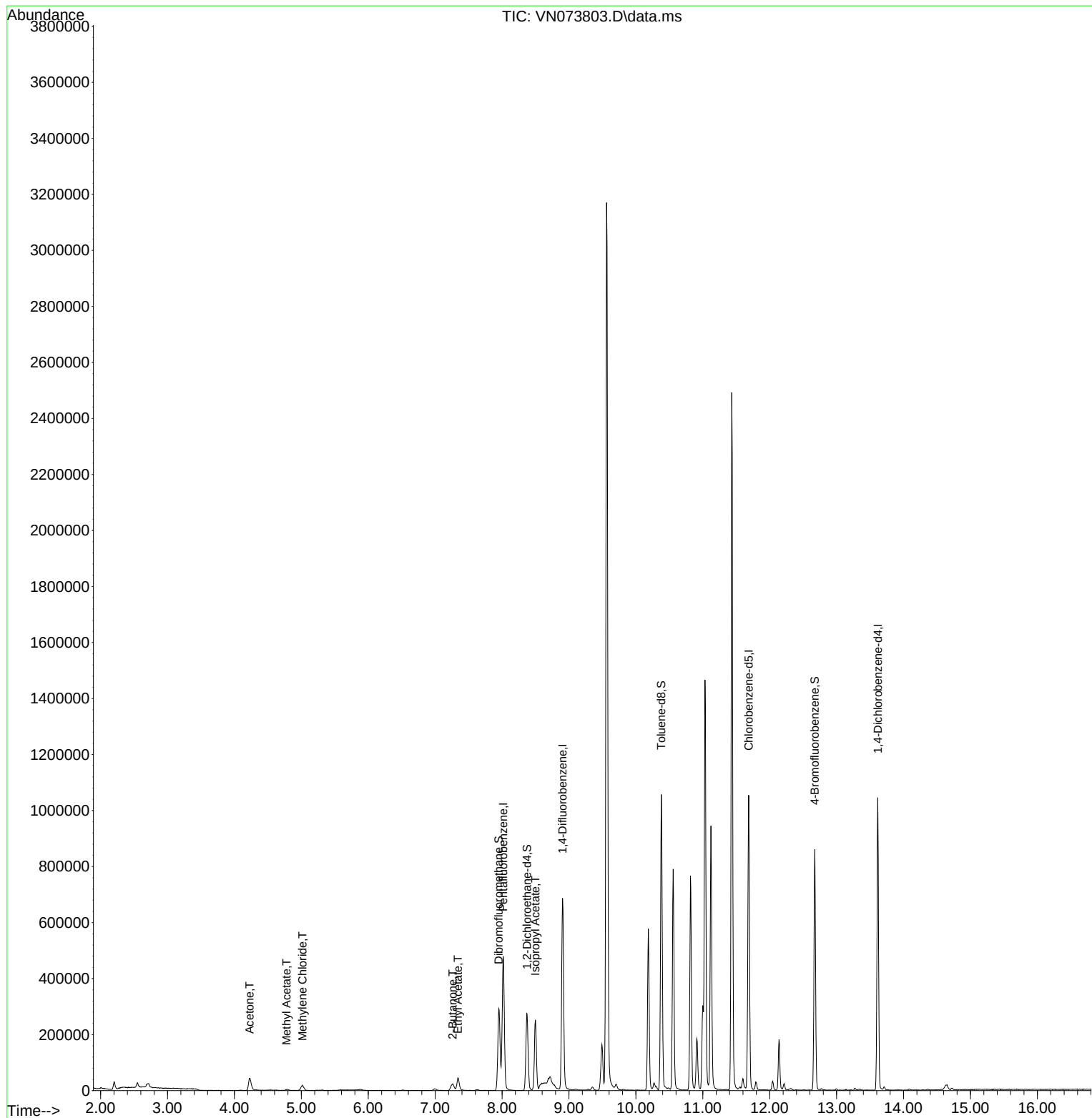
Internal Standards						
1) Pentafluorobenzene	8.016	168	383761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	634968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	632098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	289286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	229510	49.075	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	98.140%	
35) Dibromofluoromethane	7.951	113	216659	54.339	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	108.680%	
50) Toluene-d8	10.380	98	733076	46.722	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.440%	
62) 4-Bromofluorobenzene	12.674	95	275004	49.932	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	83178	33.113	ug/l	99
18) Methyl Acetate	4.781	43	7781	1.245	ug/l	91
20) Methylene Chloride	5.016	84	14919	1.535	ug/l #	89
25) 2-Butanone	7.263	43	26936	6.905	ug/l	95
37) Ethyl Acetate	7.339	43	69331	9.264	ug/l	99
43) Isopropyl Acetate	8.498	43	272845	26.992	ug/l #	92

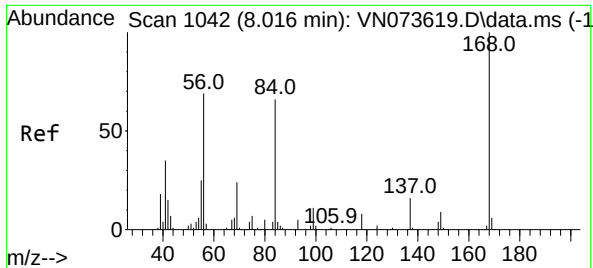
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
Data File : VN073803.D
Acq On : 10 Aug 2022 17:25
Operator : JC\MD
Sample : PB146860ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#02

Quant Time: Aug 10 22:55:23 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

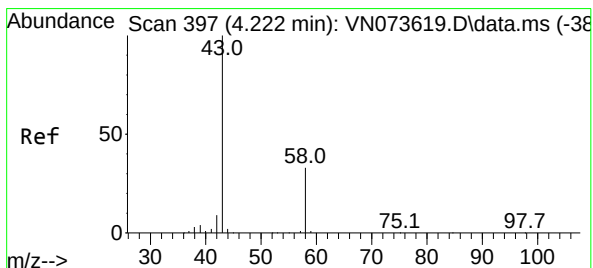
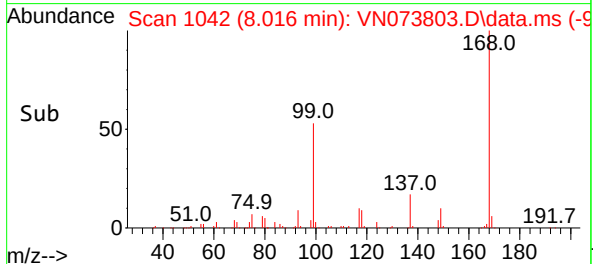
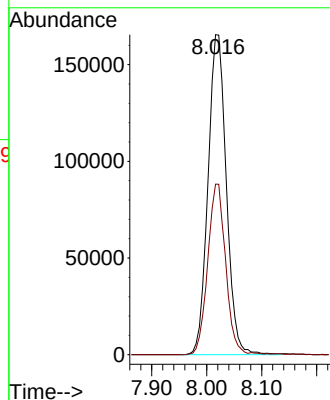
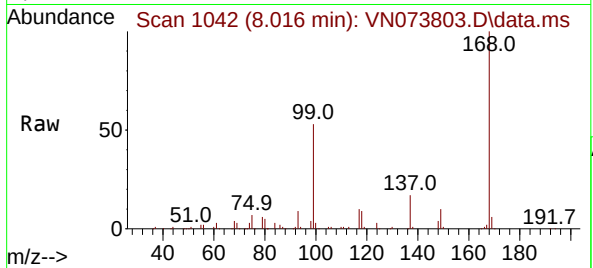




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

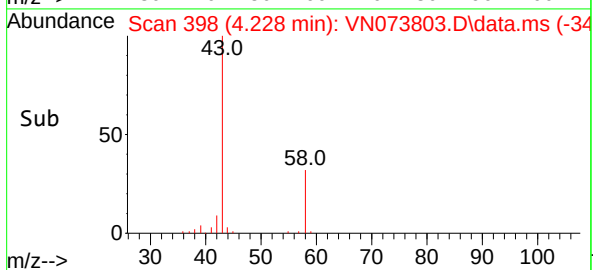
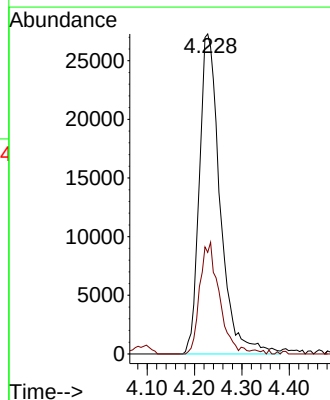
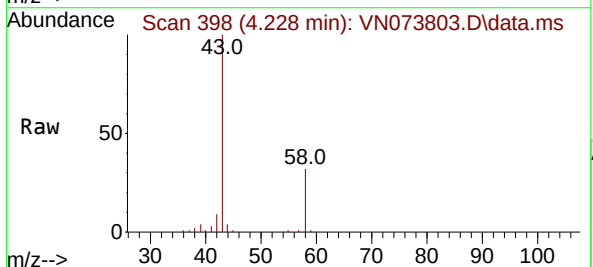
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#02

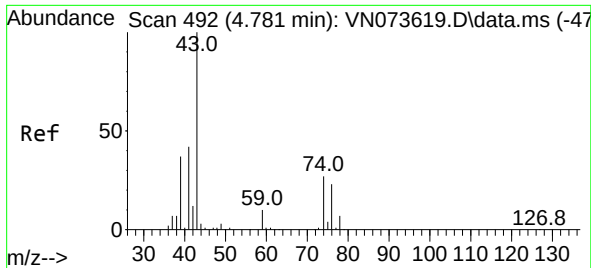
Tgt Ion:168 Resp: 383761
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5



#16
Acetone
Concen: 33.113 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

Tgt Ion: 43 Resp: 83178
Ion Ratio Lower Upper
43 100
58 31.8 26.0 39.0

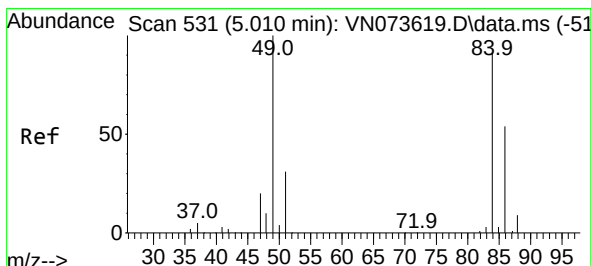
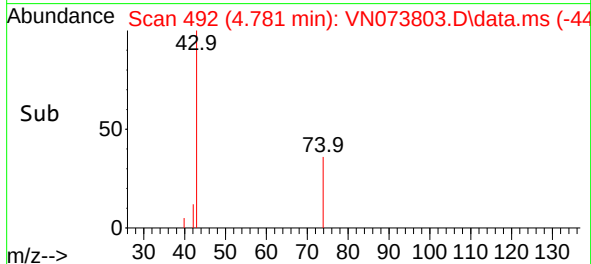
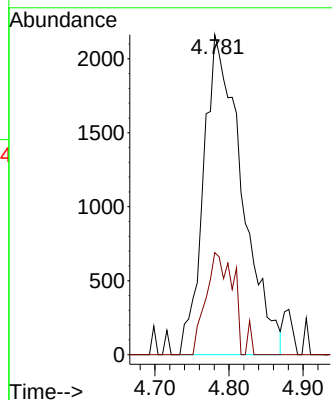
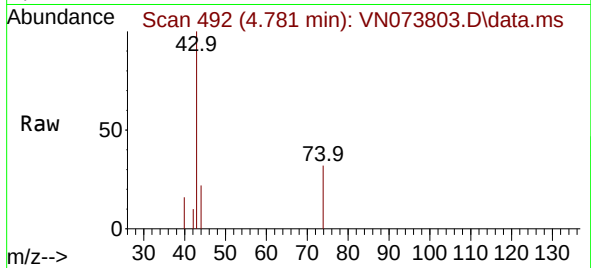




#18
Methyl Acetate
Concen: 1.245 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

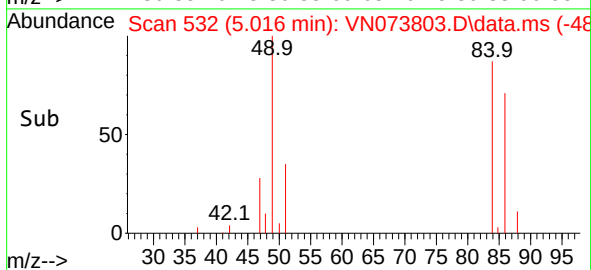
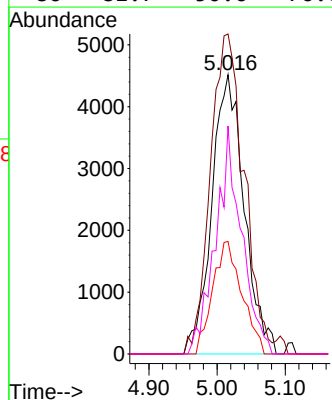
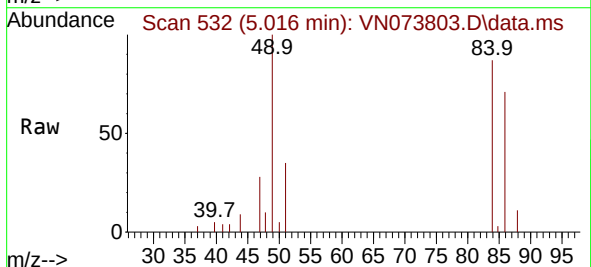
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#02

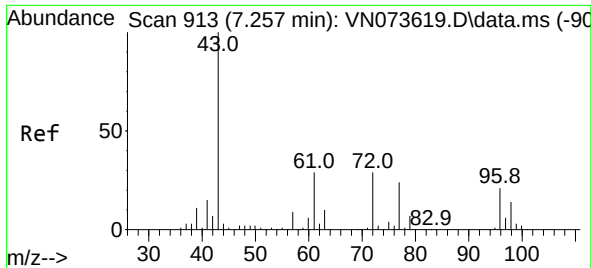
Tgt Ion: 43 Resp: 7781
Ion Ratio Lower Upper
43 100
74 22.2 21.6 32.4



#20
Methylene Chloride
Concen: 1.535 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

Tgt Ion: 84 Resp: 14919
Ion Ratio Lower Upper
84 100
49 114.6 88.3 132.5
51 40.3 28.2 42.2
86 81.7 50.6 76.0#

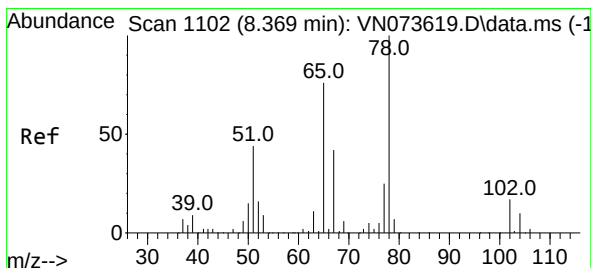
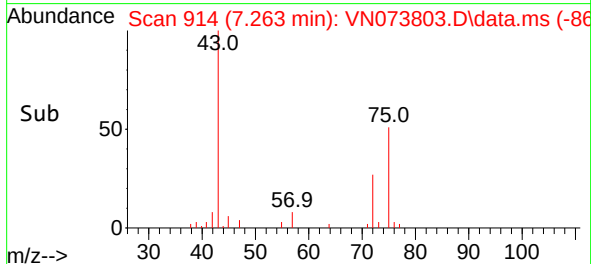
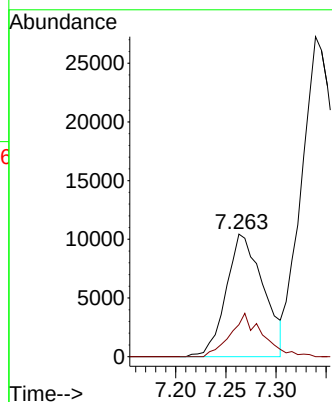
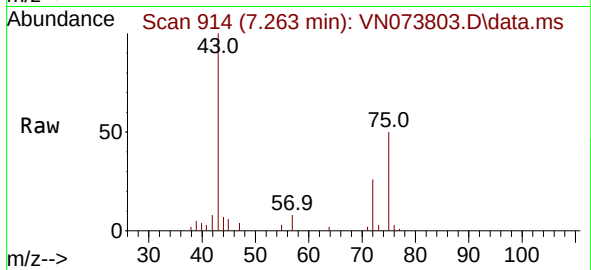




#25
2-Butanone
Concen: 6.905 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

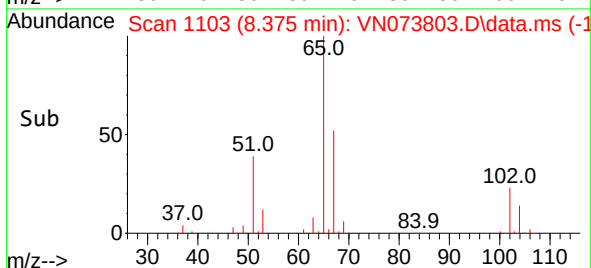
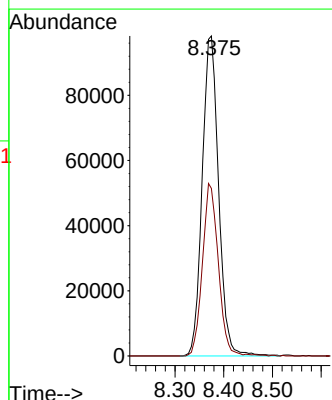
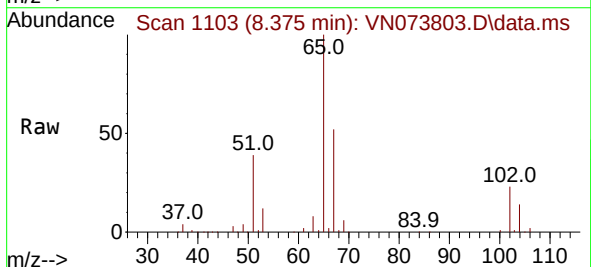
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#02

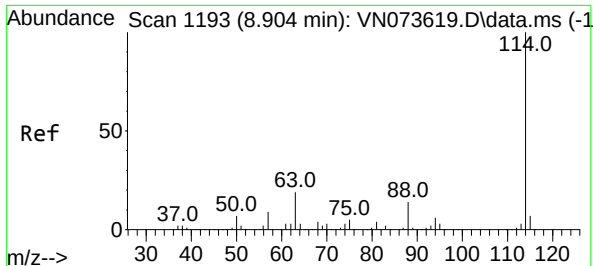
Tgt Ion: 43 Resp: 26936
Ion Ratio Lower Upper
43 100
72 27.1 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 49.075 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

Tgt Ion: 65 Resp: 229510
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: VN073803.D

Acq: 10 Aug 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

PB146860ZHE#02

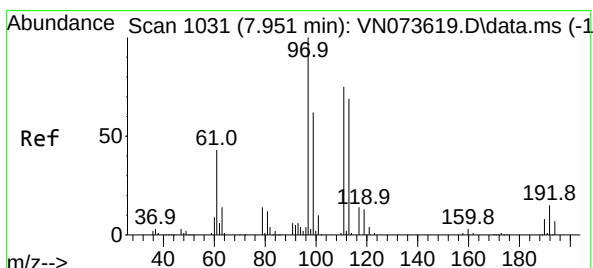
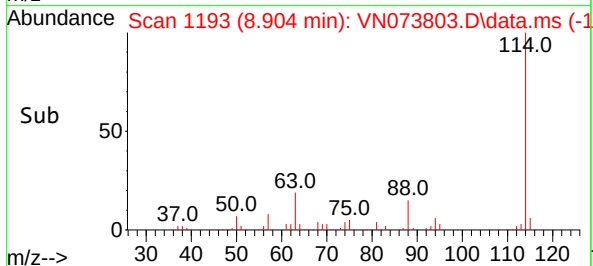
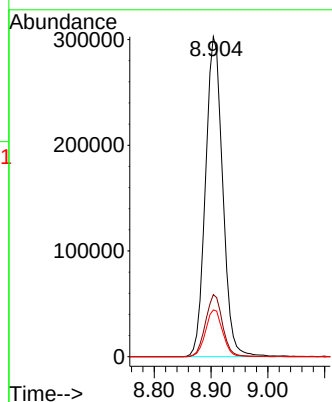
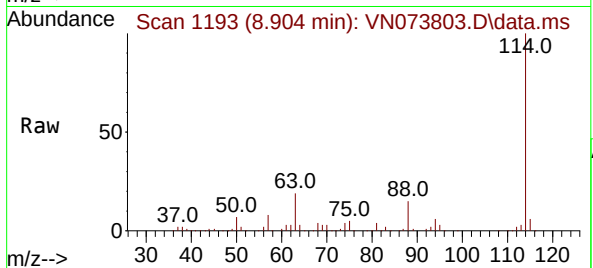
Tgt Ion:114 Resp: 634968

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.339 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073803.D

Acq: 10 Aug 2022 17:25

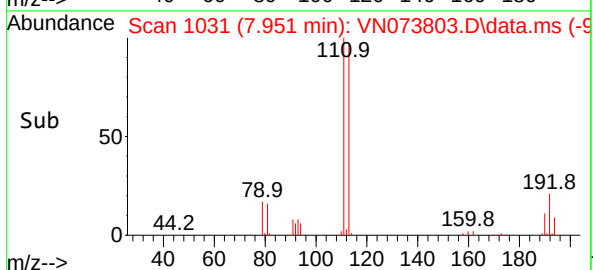
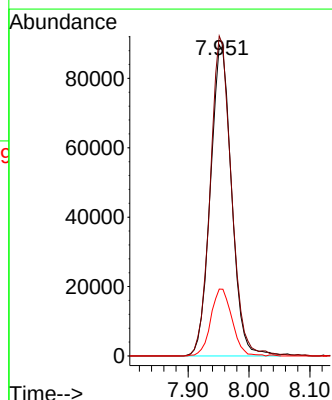
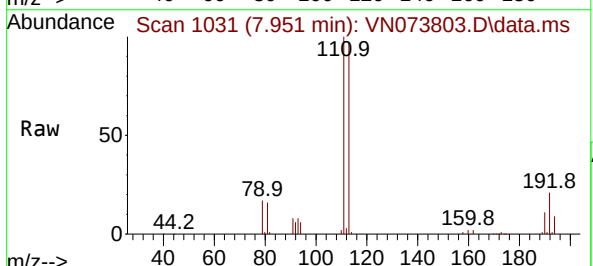
Tgt Ion:113 Resp: 216659

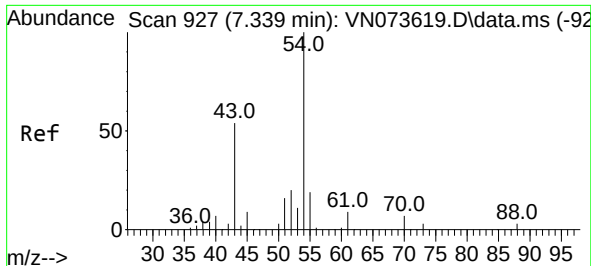
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 21.5 17.0 25.6





#37

Ethyl Acetate

Concen: 9.264 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073803.D

Acq: 10 Aug 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

PB146860ZHE#02

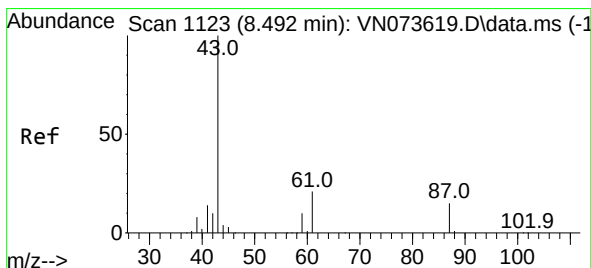
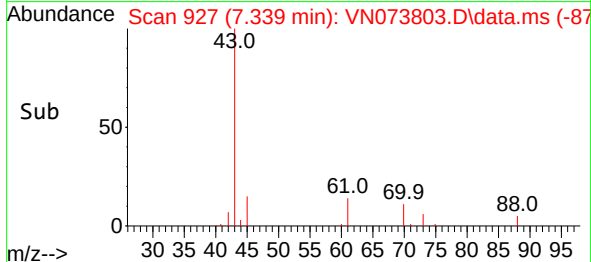
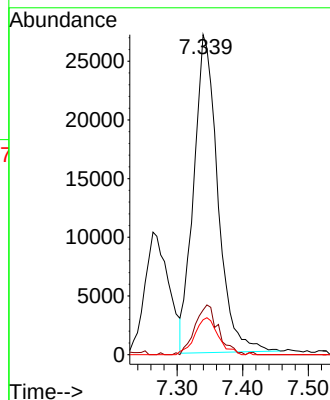
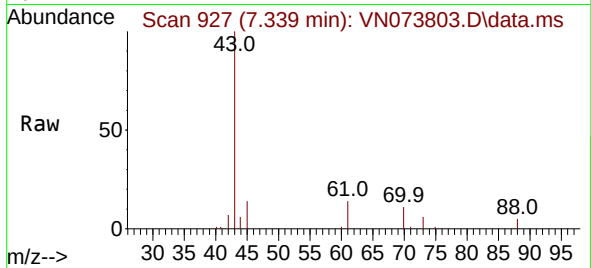
Tgt Ion: 43 Resp: 69331

Ion Ratio Lower Upper

43 100

61 15.1 11.8 17.6

70 11.3 9.3 13.9



#43

Isopropyl Acetate

Concen: 26.992 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073803.D

Acq: 10 Aug 2022 17:25

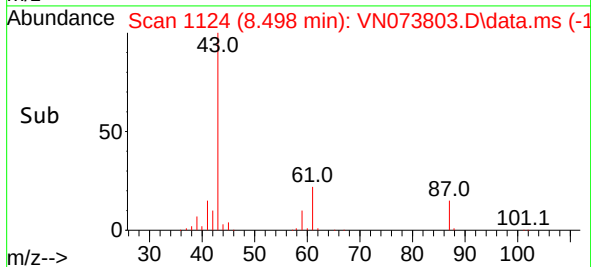
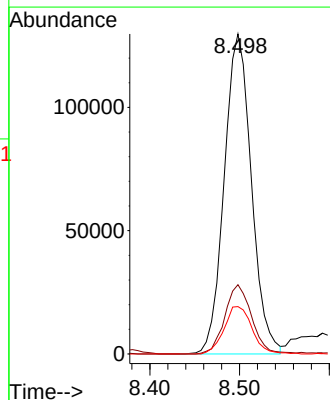
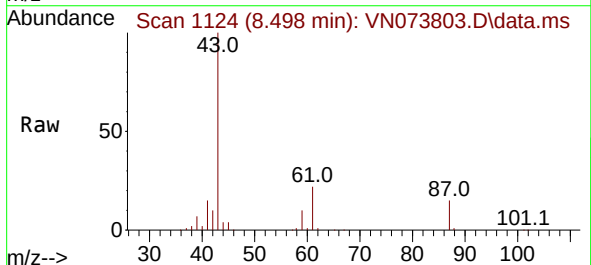
Tgt Ion: 43 Resp: 272845

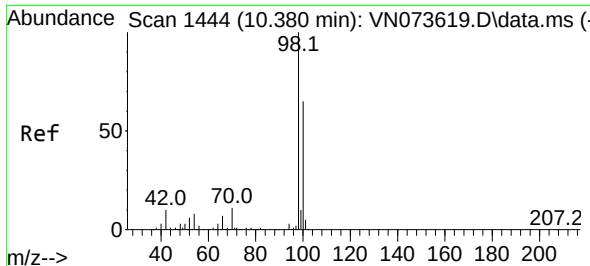
Ion Ratio Lower Upper

43 100

61 21.4 21.9 32.9#

87 15.3 12.0 18.0

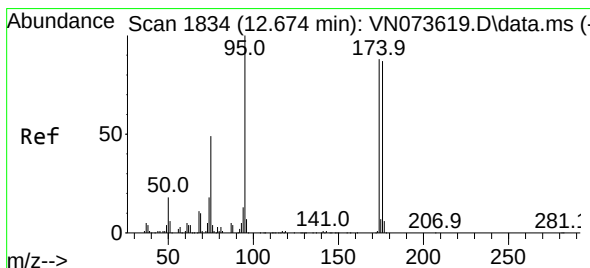
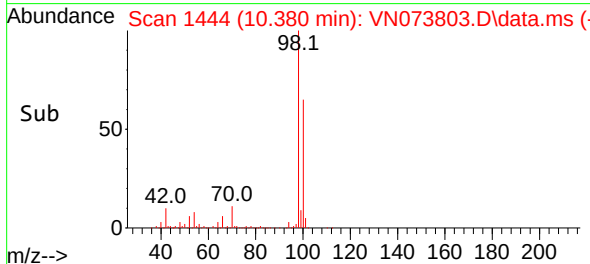
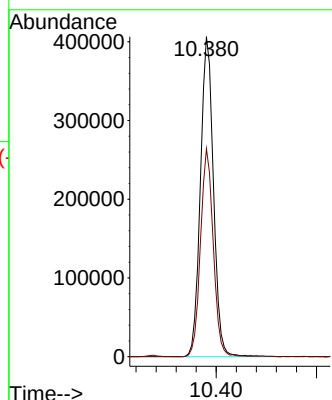
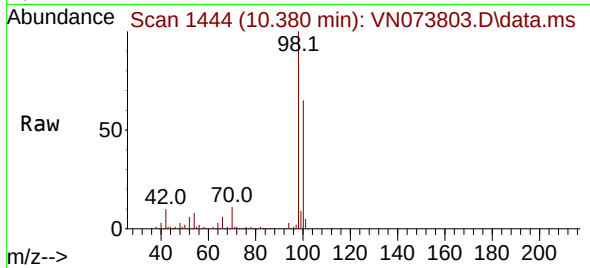




#50
Toluene-d8
Concen: 46.722 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

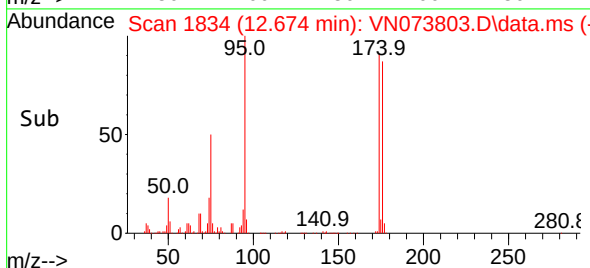
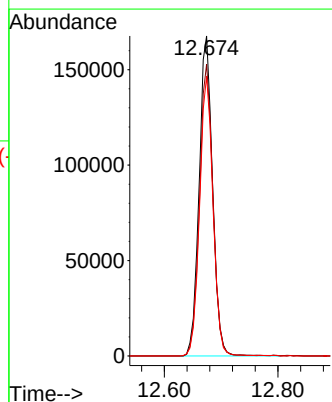
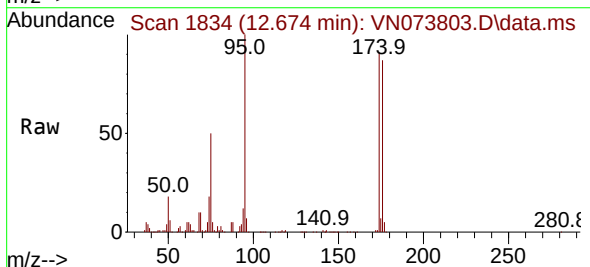
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#02

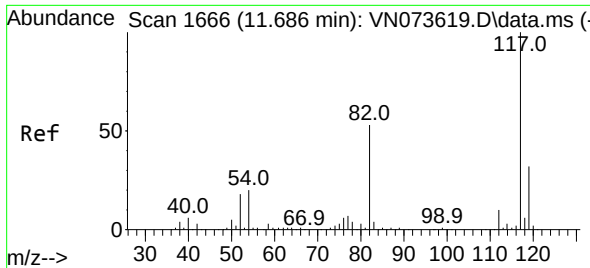
Tgt Ion: 98 Resp: 733076
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.932 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

Tgt Ion: 95 Resp: 275004
Ion Ratio Lower Upper
95 100
174 91.8 0.0 167.6
176 87.1 0.0 163.4

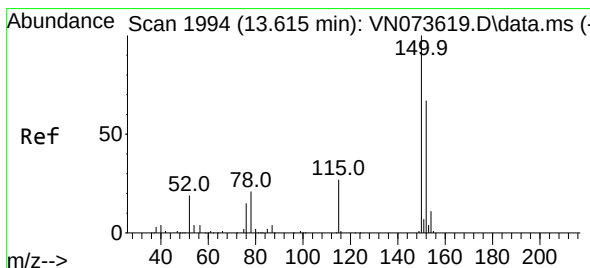
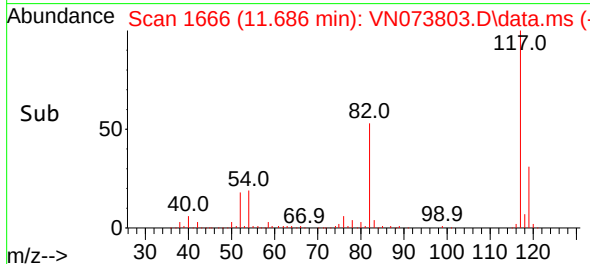
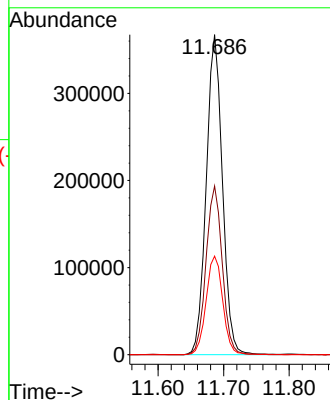
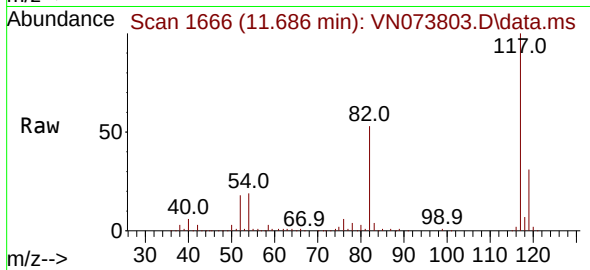




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073803.D
Acq: 10 Aug 2022 17:25

Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#02

Tgt Ion:117 Resp: 632098
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 30.8 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: VN073803.D
Acq: 10 Aug 2022 17:25

Tgt Ion:152 Resp: 289286
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 157.6 0.0 356.2

