

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073804.D
 Acq On : 10 Aug 2022 17:49
 Operator : JC\MD
 Sample : PB146860ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146860ZHE#03

Quant Time: Aug 10 22:55:34 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)

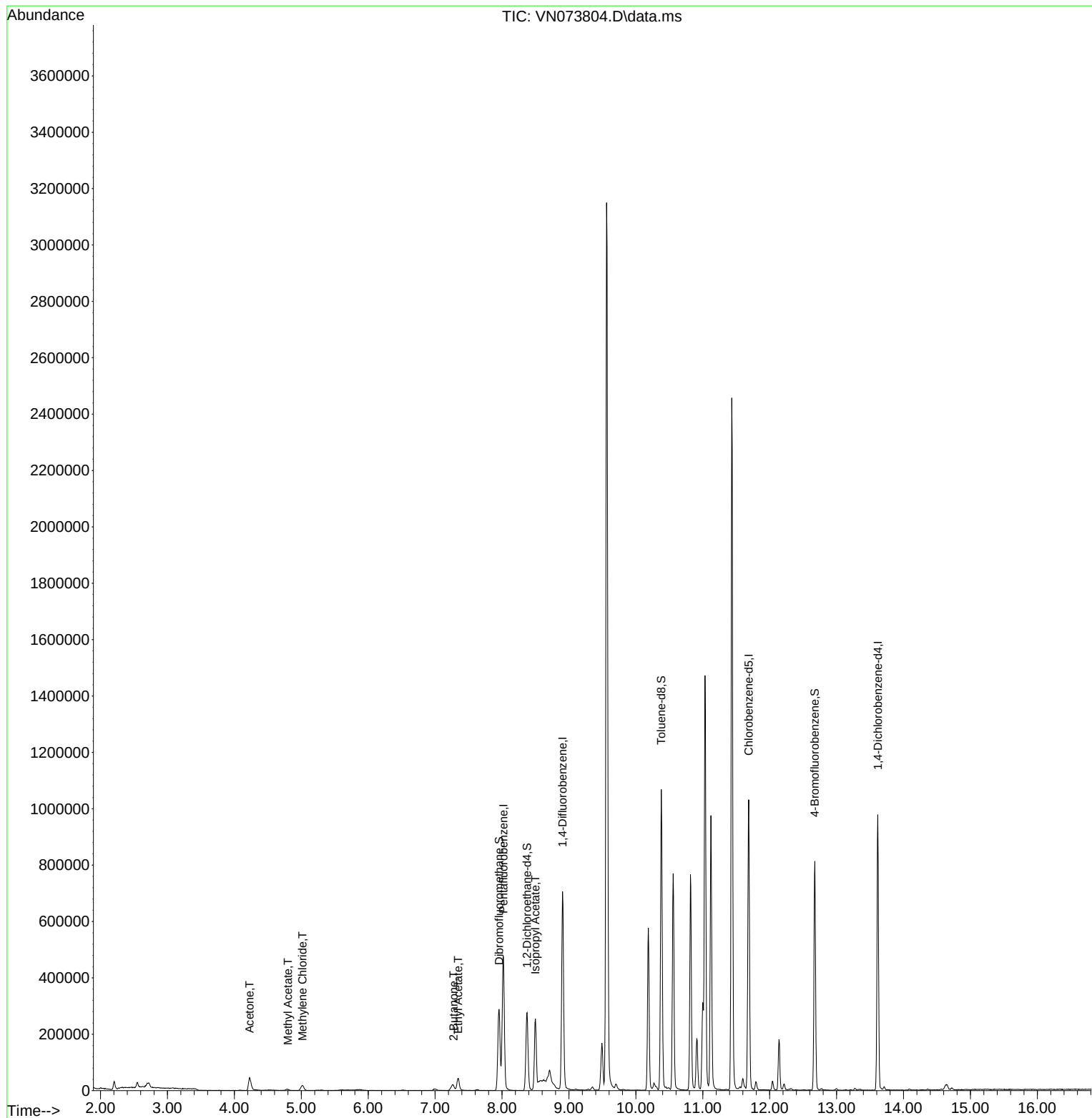
Internal Standards						
1) Pentafluorobenzene	8.022	168	382377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	635927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	626482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	273393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	229504	49.251	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	98.500%	
35) Dibromofluoromethane	7.957	113	218222	54.648	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.300%	
50) Toluene-d8	10.381	98	735569	46.810	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.620%	
62) 4-Bromofluorobenzene	12.675	95	264424	48.049	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	82522	32.971	ug/l	97
18) Methyl Acetate	4.799	43	9847	1.581	ug/l #	88
20) Methylene Chloride	5.016	84	15857	1.791	ug/l #	90
25) 2-Butanone	7.275	43	25862	6.654	ug/l	95
37) Ethyl Acetate	7.345	43	64895	8.658	ug/l	97
43) Isopropyl Acetate	8.498	43	282438	27.899	ug/l #	92

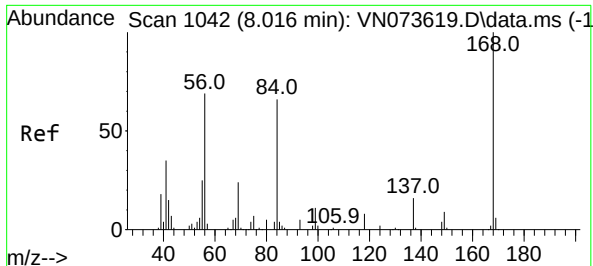
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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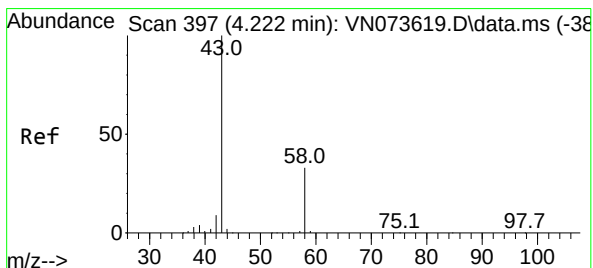
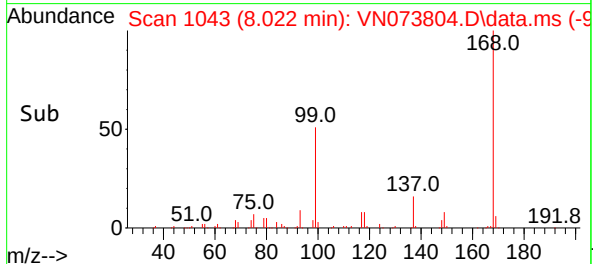
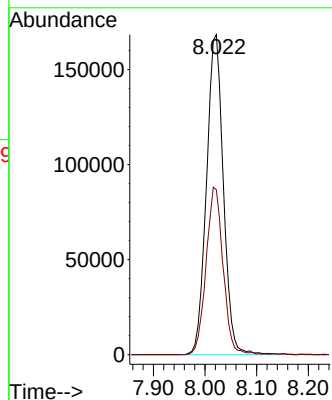
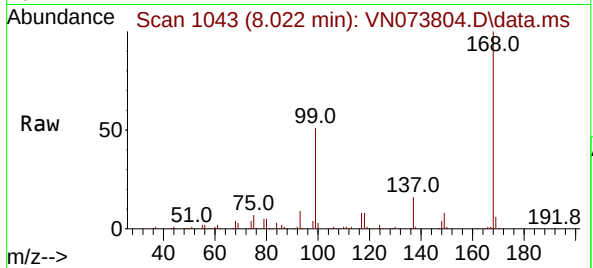




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

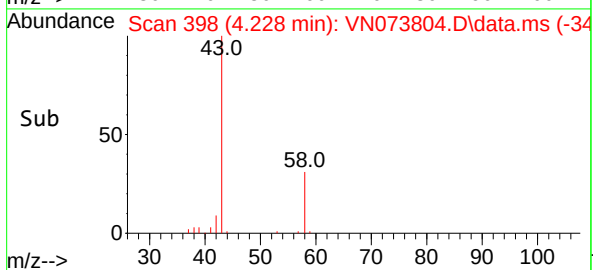
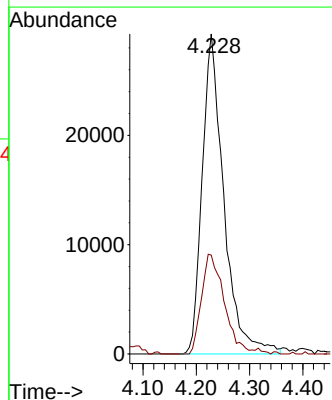
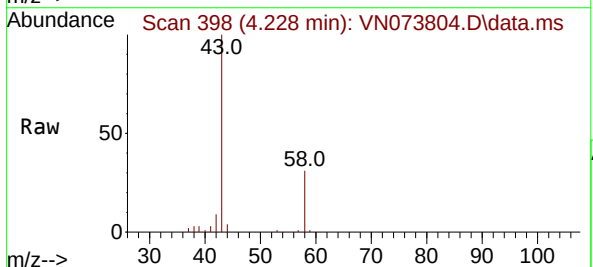
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#03

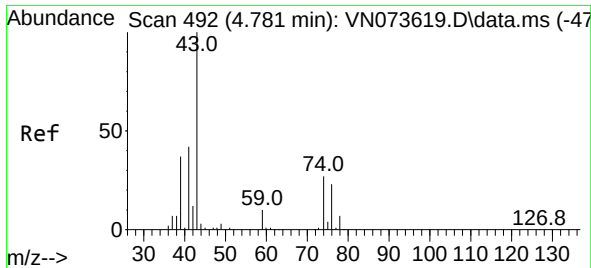
Tgt Ion:168 Resp: 382377
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#16
Acetone
Concen: 32.971 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

Tgt Ion: 43 Resp: 82522
Ion Ratio Lower Upper
43 100
58 30.9 26.0 39.0

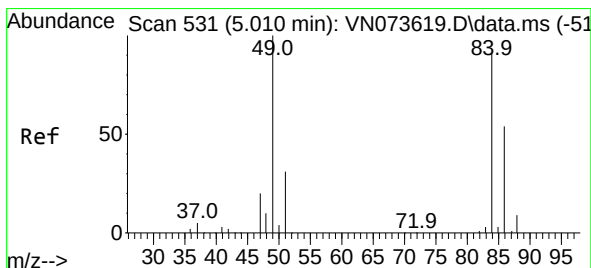
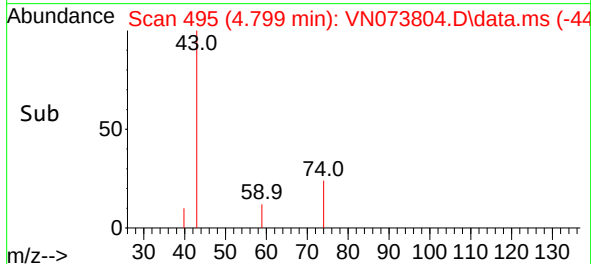
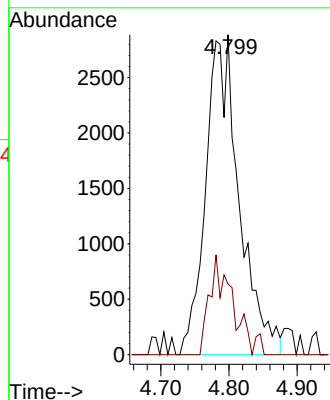
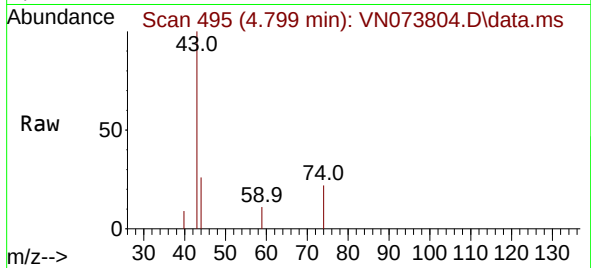




#18
Methyl Acetate
Concen: 1.581 ug/l
RT: 4.799 min Scan# 495
Delta R.T. 0.018 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

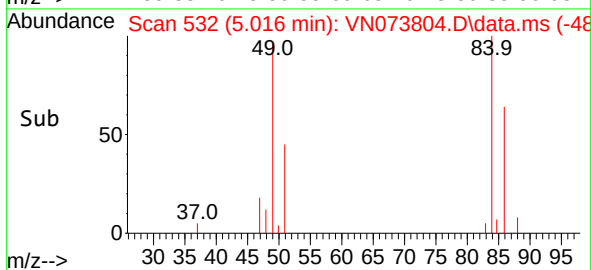
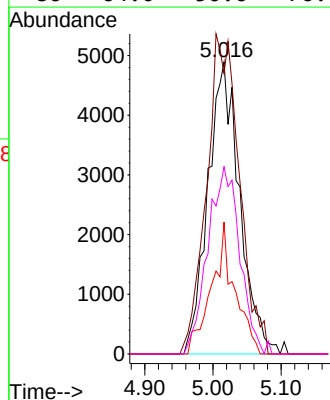
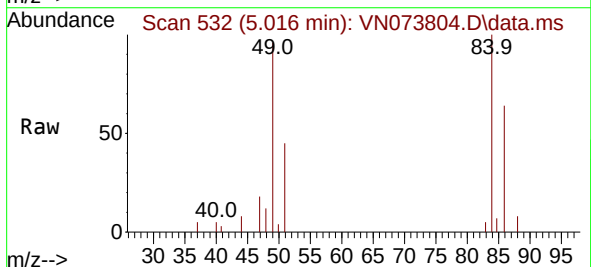
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#03

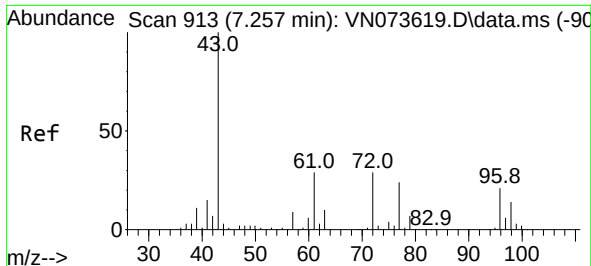
Tgt Ion: 43 Resp: 9847
Ion Ratio Lower Upper
43 100
74 20.8 21.6 32.4#



#20
Methylene Chloride
Concen: 1.791 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

Tgt Ion: 84 Resp: 15857
Ion Ratio Lower Upper
84 100
49 96.2 88.3 132.5
51 45.2 28.2 42.2#
86 64.0 50.6 76.0

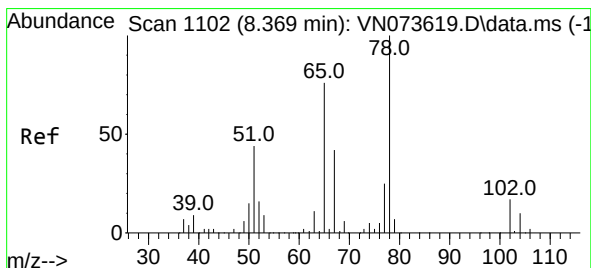
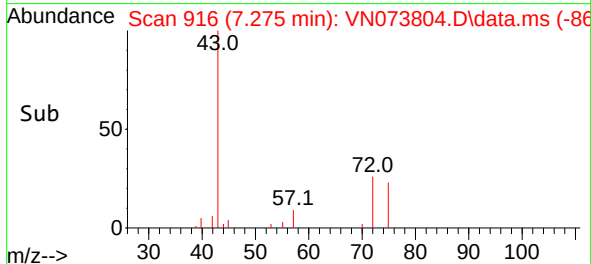
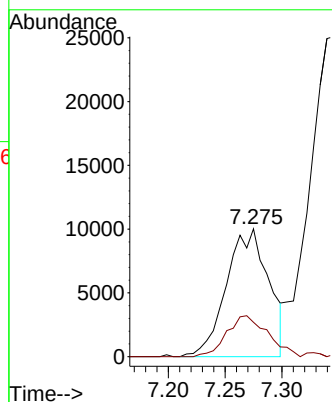
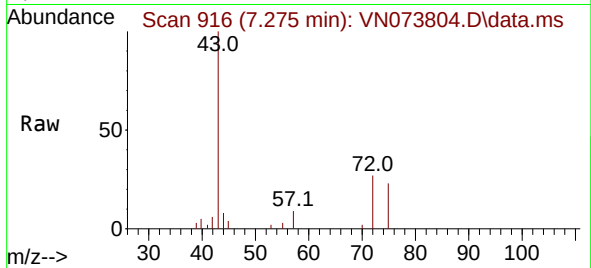




#25
2-Butanone
Concen: 6.654 ug/l
RT: 7.275 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

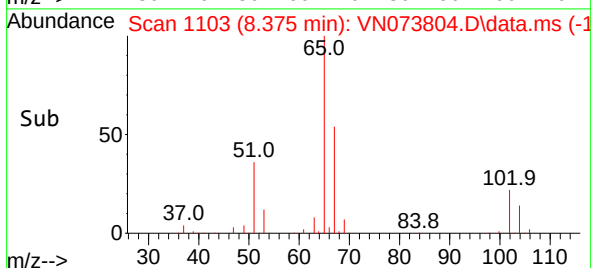
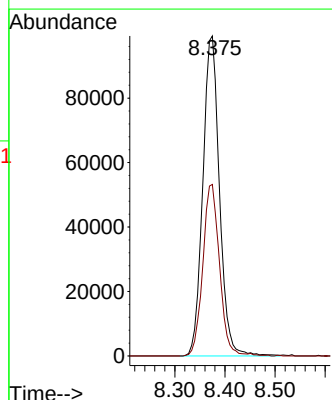
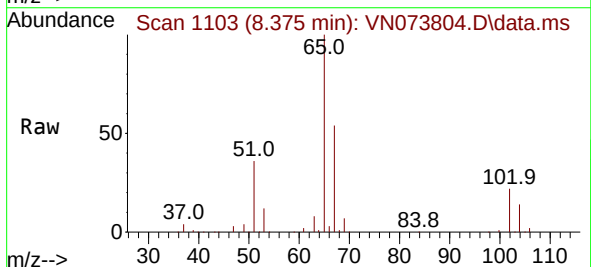
Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#03

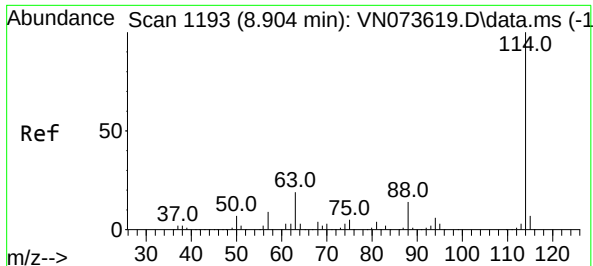
Tgt Ion: 43 Resp: 25862
Ion Ratio Lower Upper
43 100
72 26.8 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 49.251 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

Tgt Ion: 65 Resp: 229504
Ion Ratio Lower Upper
65 100
67 53.8 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: VN073804.D

Acq: 10 Aug 2022 17:49

Instrument :

MSVOA_N

ClientSampleId :

PB146860ZHE#03

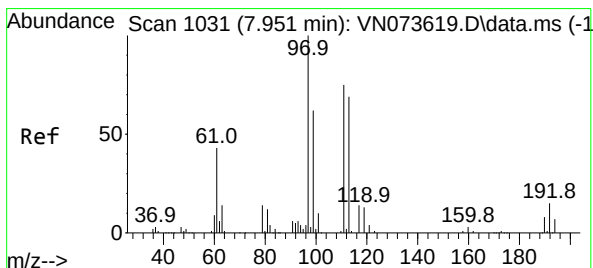
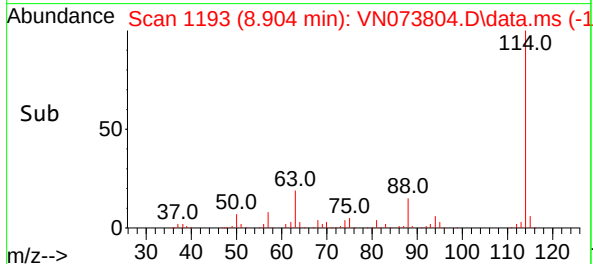
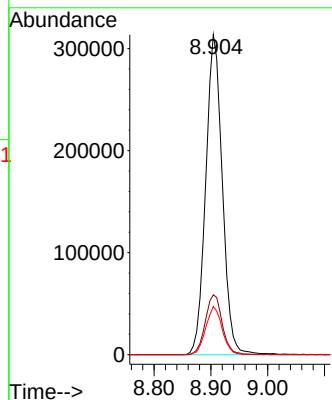
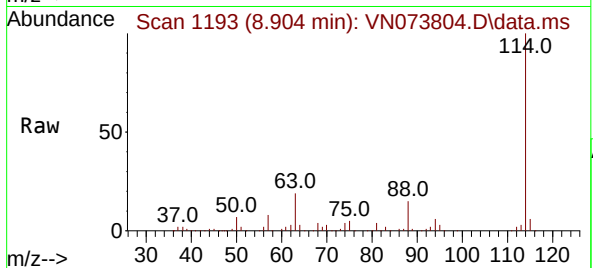
Tgt Ion:114 Resp: 635927

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.648 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073804.D

Acq: 10 Aug 2022 17:49

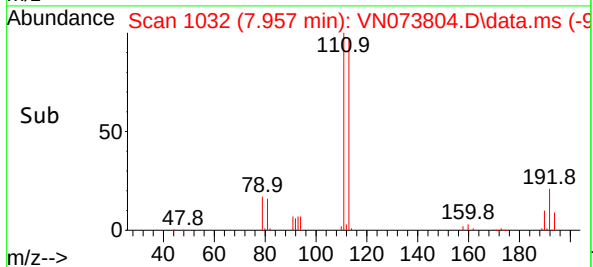
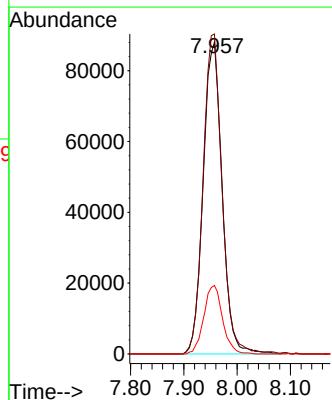
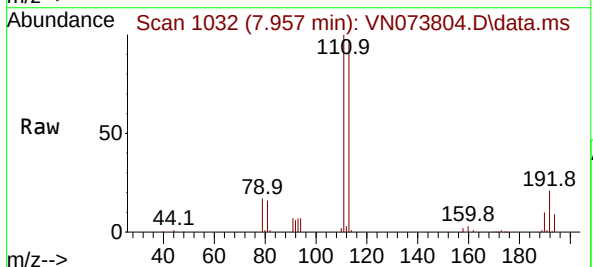
Tgt Ion:113 Resp: 218222

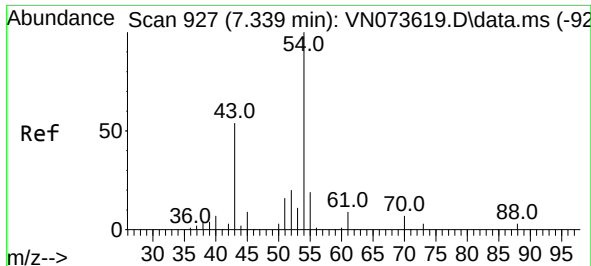
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 21.6 17.0 25.6





#37

Ethyl Acetate

Concen: 8.658 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073804.D

Acq: 10 Aug 2022 17:49

Instrument :

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ClientSampleId :

PB146860ZHE#03

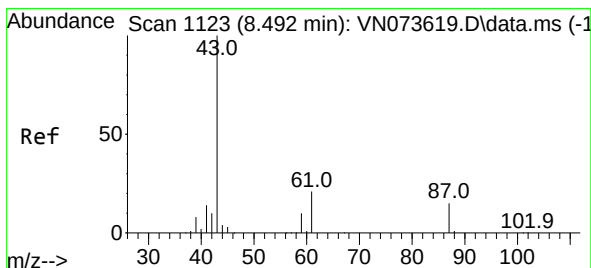
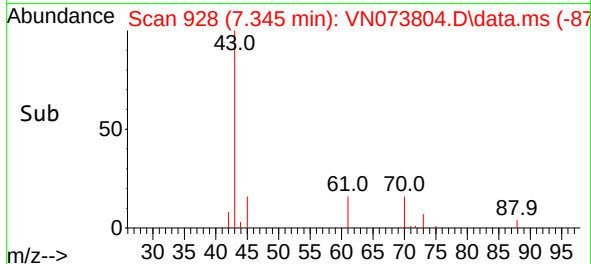
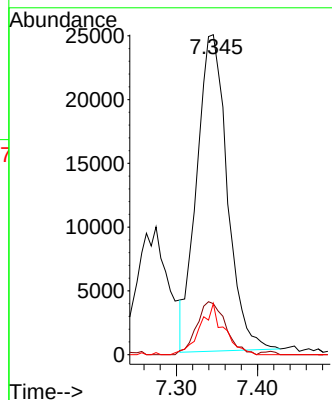
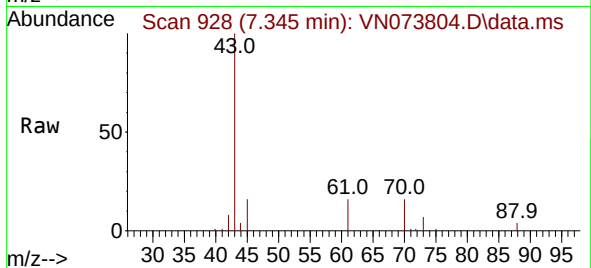
Tgt Ion: 43 Resp: 64895

Ion Ratio Lower Upper

43 100

61 15.9 11.8 17.6

70 12.7 9.3 13.9



#43

Isopropyl Acetate

Concen: 27.899 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073804.D

Acq: 10 Aug 2022 17:49

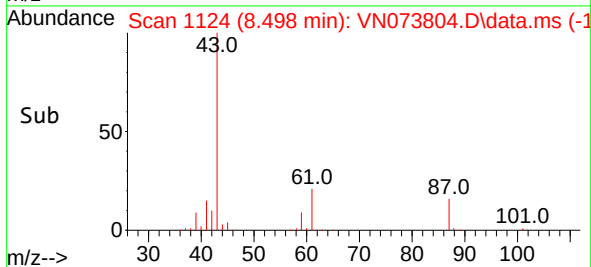
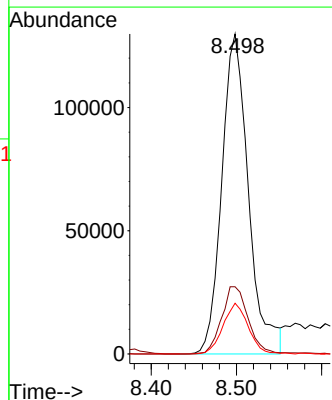
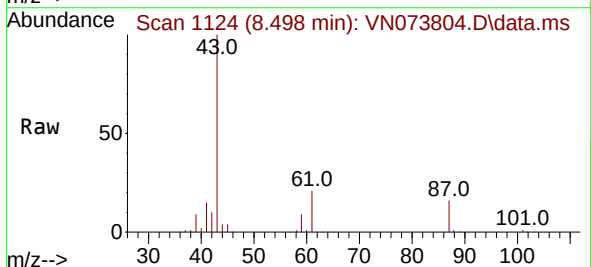
Tgt Ion: 43 Resp: 282438

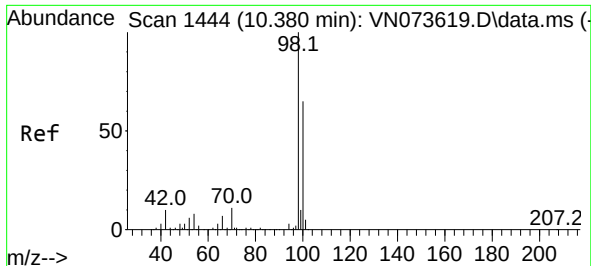
Ion Ratio Lower Upper

43 100

61 21.3 21.9 32.9#

87 15.0 12.0 18.0

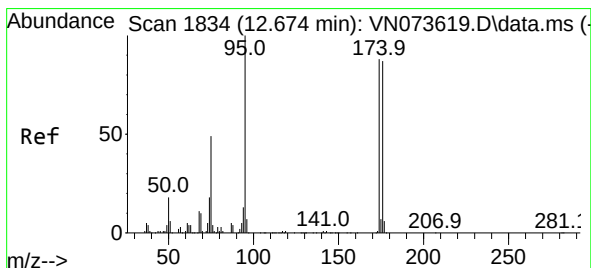
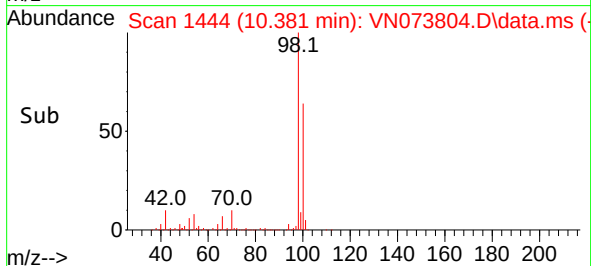
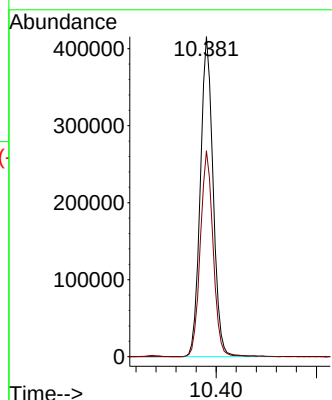
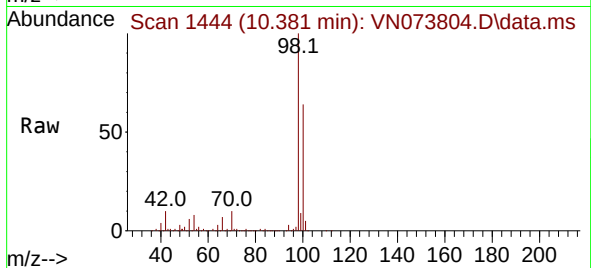




#50
Toluene-d8
Concen: 46.810 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

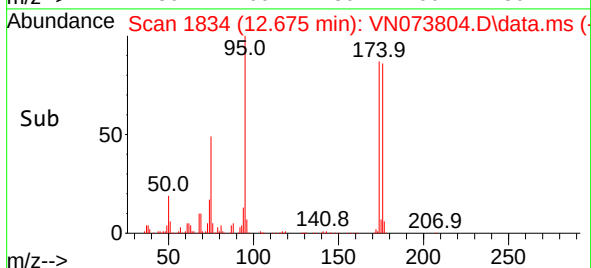
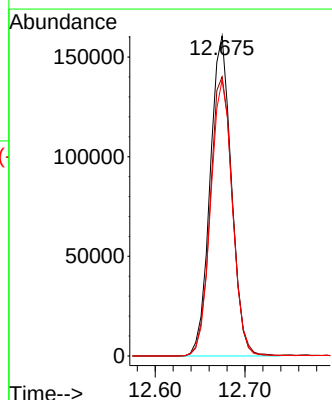
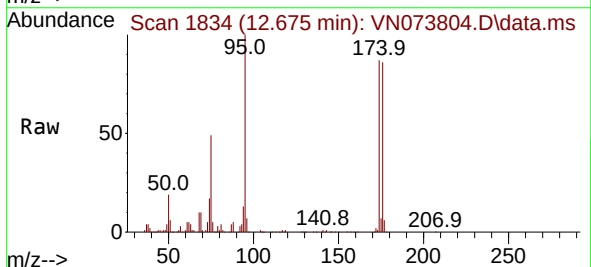
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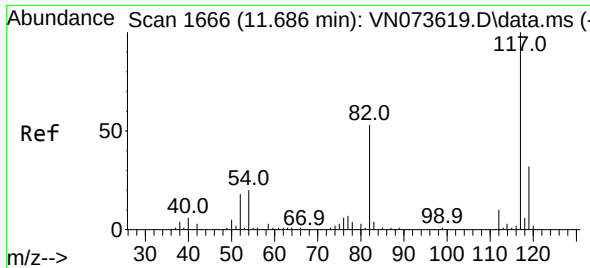
Tgt Ion: 98 Resp: 735569
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.049 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

Tgt Ion: 95 Resp: 264424
Ion Ratio Lower Upper
95 100
174 91.1 0.0 167.6
176 87.9 0.0 163.4

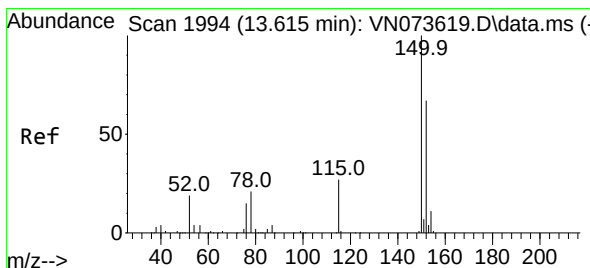
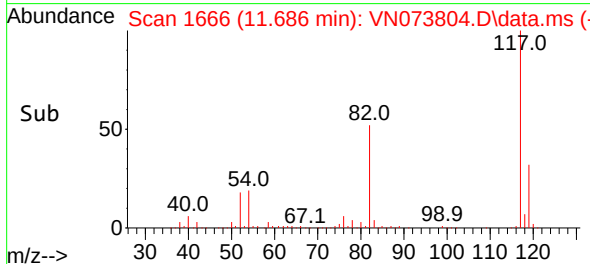
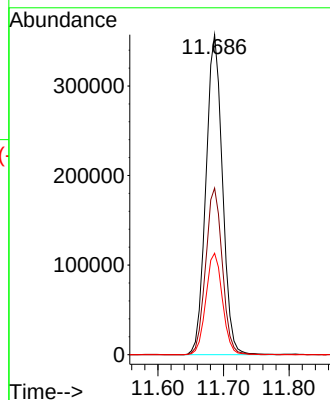
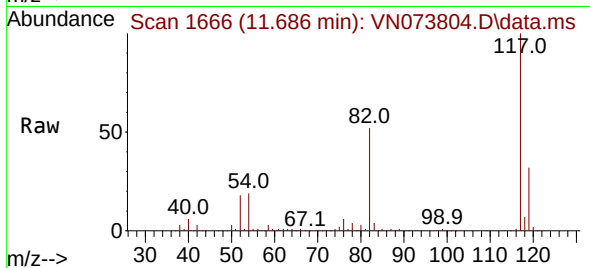




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073804.D
Acq: 10 Aug 2022 17:49

Instrument :
MSVOA_N
ClientSampleId :
PB146860ZHE#03

Tgt Ion:117 Resp: 626482
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 31.7 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: VN073804.D
Acq: 10 Aug 2022 17:49

Tgt Ion:152 Resp: 273393
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 157.2 0.0 356.2

