

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073639.D
 Acq On : 29 Jul 2022 16:59
 Operator : JC\MD
 Sample : PB146545TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146545TB

Quant Time: Aug 01 04:06:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

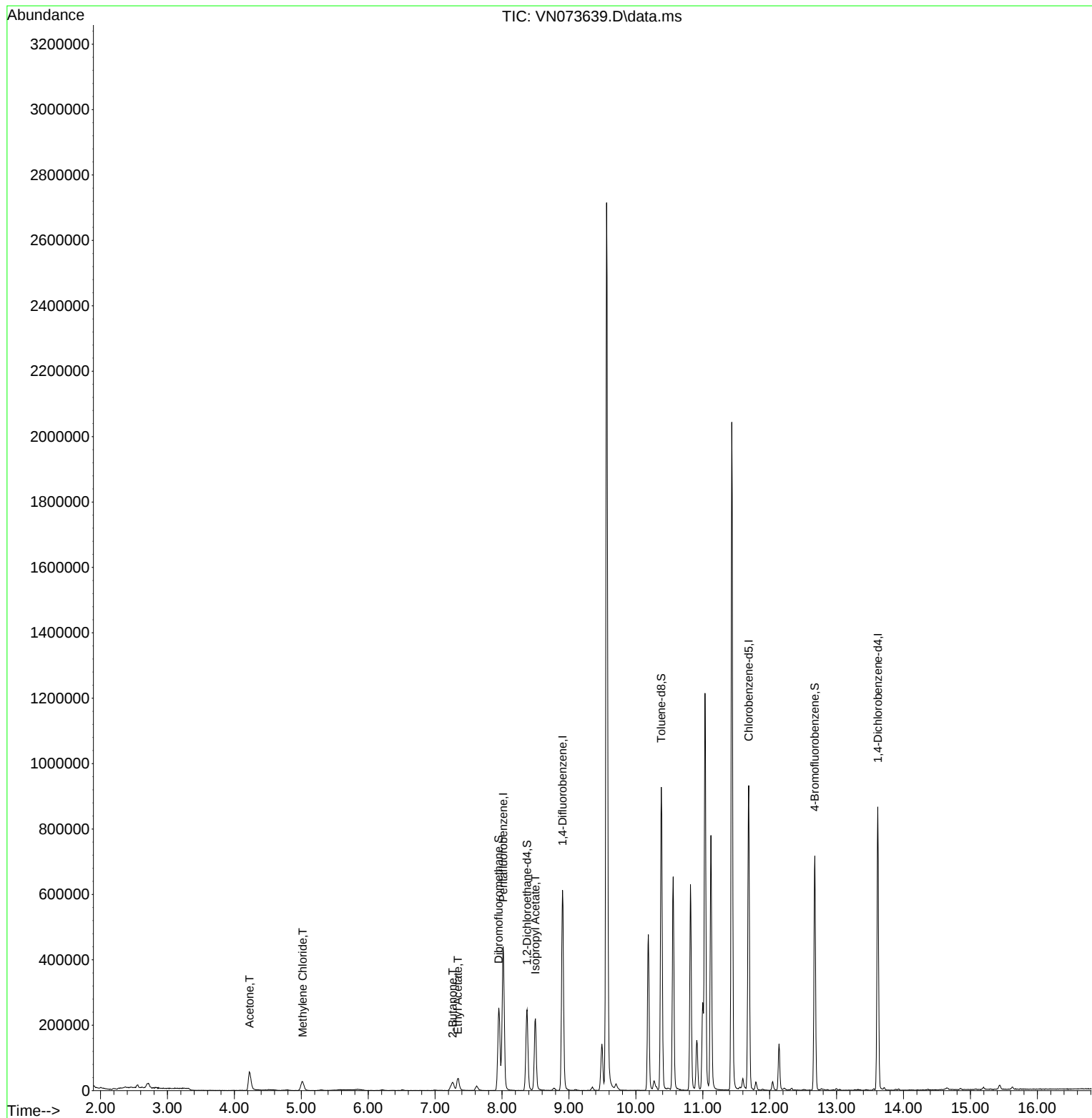
Internal Standards						
1) Pentafluorobenzene	8.016	168	349804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	565863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	553217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	237900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	199376	46.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.540%
35) Dibromofluoromethane	7.951	113	185398	52.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.381	98	651068	46.563	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.675	95	231634	49.651	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.300%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	104292	45.549	ug/l	98
20) Methylene Chloride	5.022	84	24267	4.548	ug/l	94
25) 2-Butanone	7.263	43	31814	8.947	ug/l	95
37) Ethyl Acetate	7.340	43	59201	8.876	ug/l	98
43) Isopropyl Acetate	8.498	43	245141	27.213	ug/l #	91

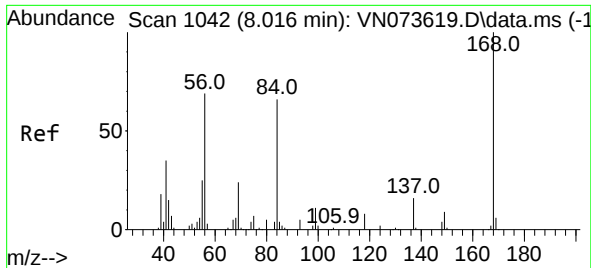
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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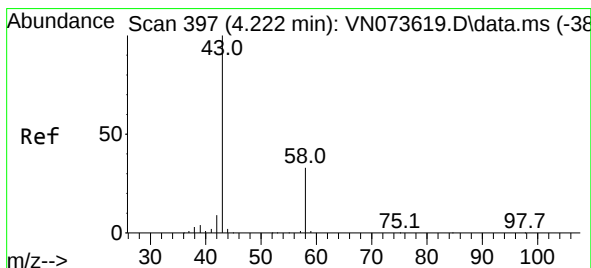
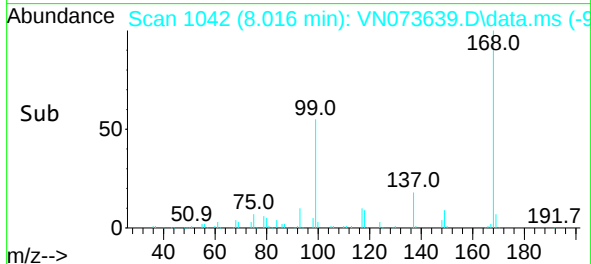
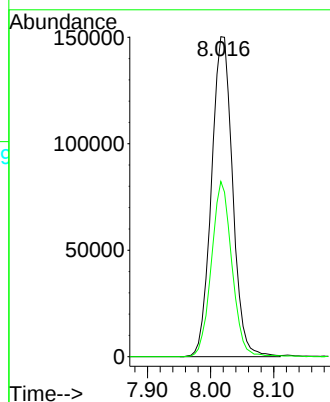
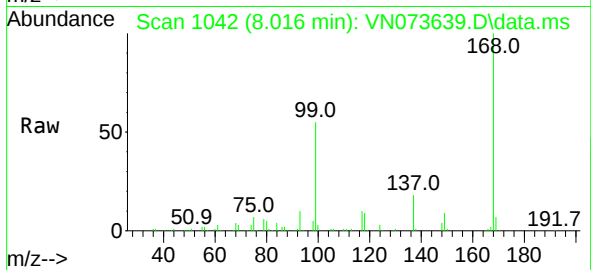




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073639.D
Acq: 29 Jul 2022 16:59

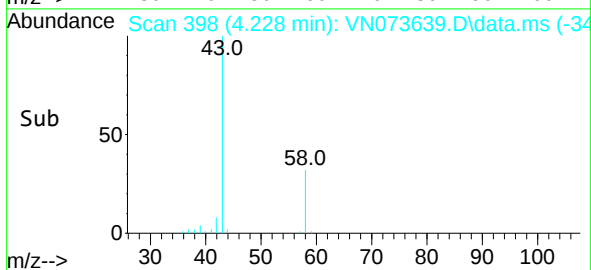
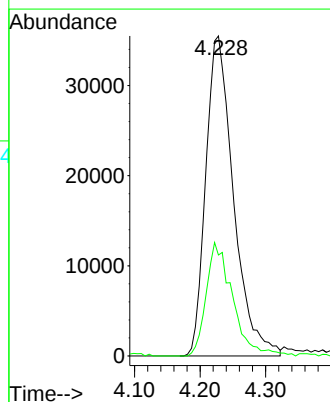
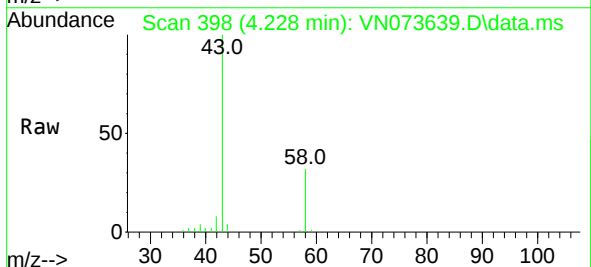
Instrument :
MSVOA_N
ClientSampleId :
PB146545TB

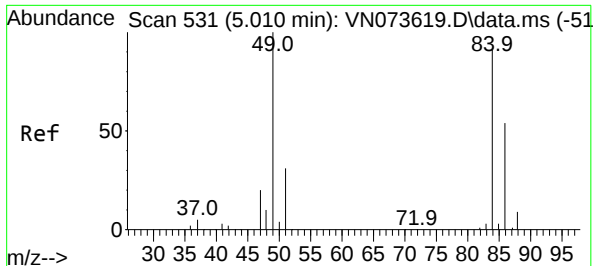
Tgt Ion:168 Resp: 349804
Ion Ratio Lower Upper
168 100
99 54.8 42.3 63.5



#16
Acetone
Concen: 45.549 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073639.D
Acq: 29 Jul 2022 16:59

Tgt Ion: 43 Resp: 104292
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0





#20

Methylene Chloride

Concen: 4.548 ug/l

RT: 5.022 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN073639.D

Acq: 29 Jul 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

PB146545TB

Tgt Ion: 84 Resp: 24267

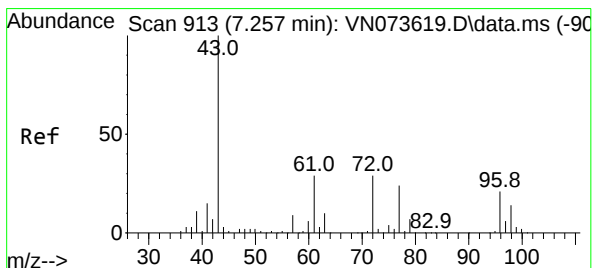
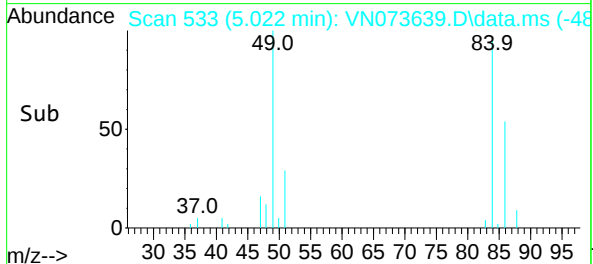
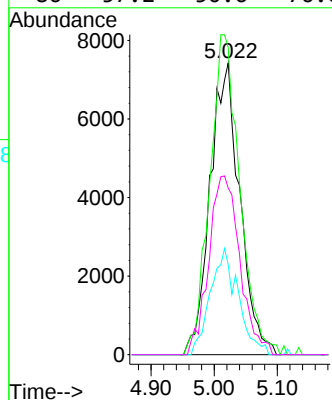
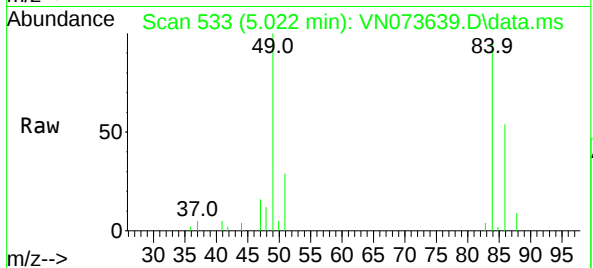
Ion Ratio Lower Upper

84 100

49 105.4 88.3 132.5

51 30.9 28.2 42.2

86 57.2 50.6 76.0



#25

2-Butanone

Concen: 8.947 ug/l

RT: 7.263 min Scan# 914

Delta R.T. 0.006 min

Lab File: VN073639.D

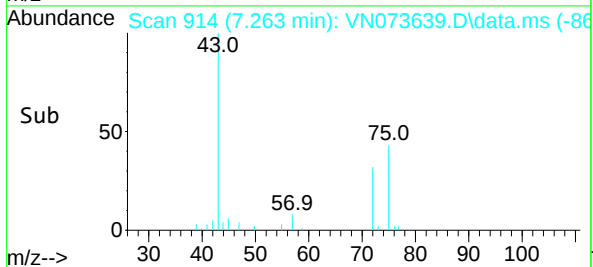
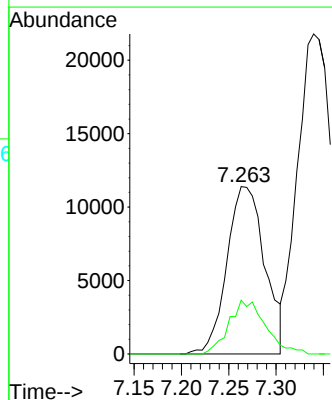
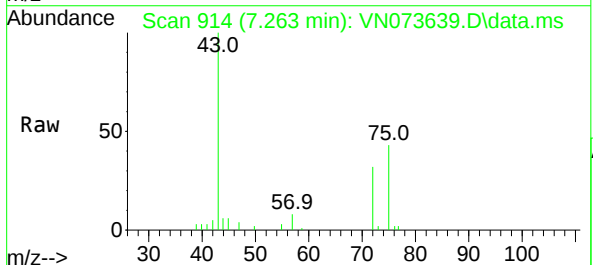
Acq: 29 Jul 2022 16:59

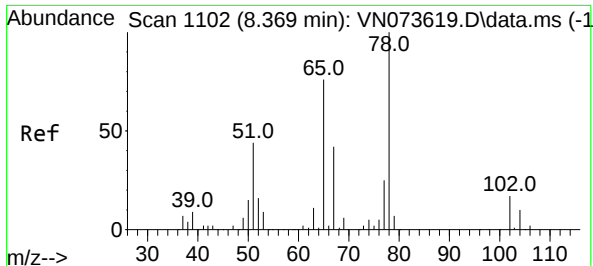
Tgt Ion: 43 Resp: 31814

Ion Ratio Lower Upper

43 100

72 32.2 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 46.770 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073639.D

Acq: 29 Jul 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

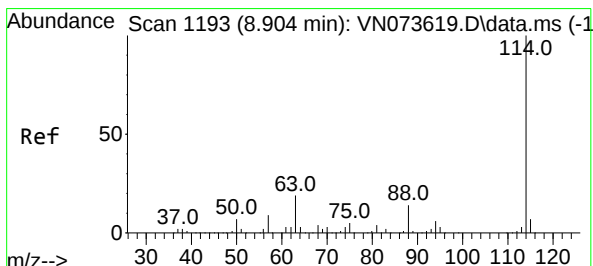
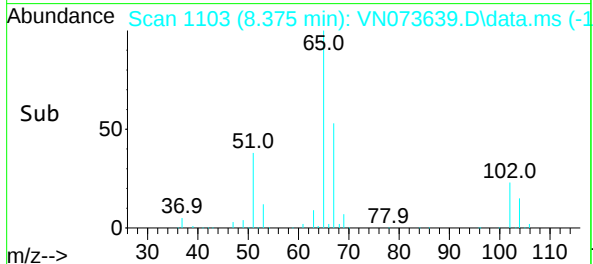
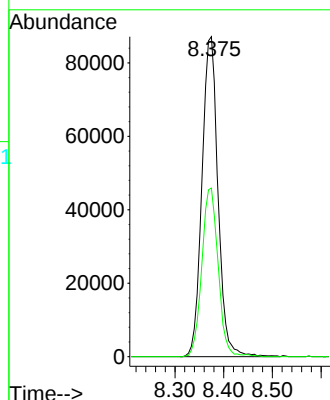
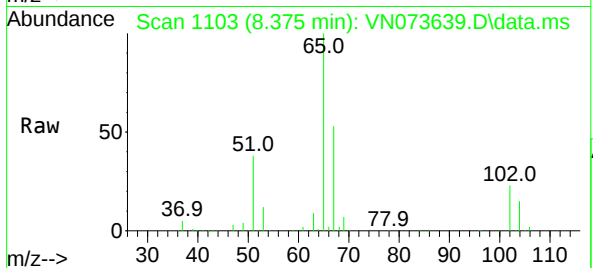
PB146545TB

Tgt Ion: 65 Resp: 199376

Ion Ratio Lower Upper

65 100

67 53.2 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: VN073639.D

Acq: 29 Jul 2022 16:59

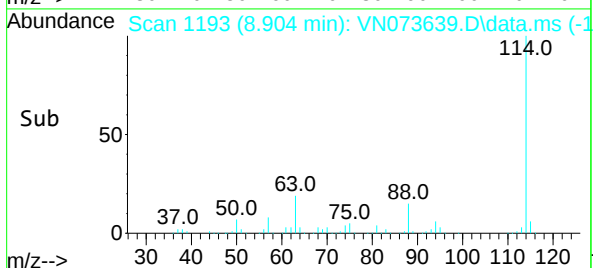
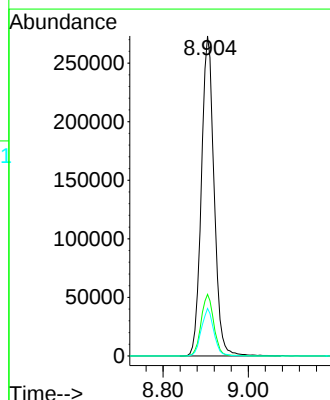
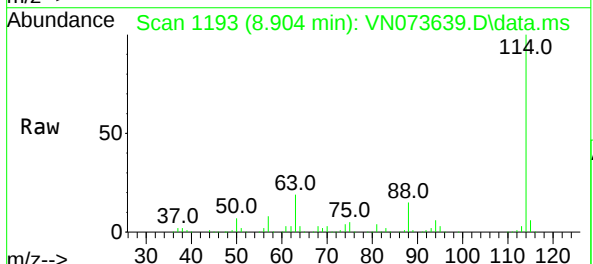
Tgt Ion: 114 Resp: 565863

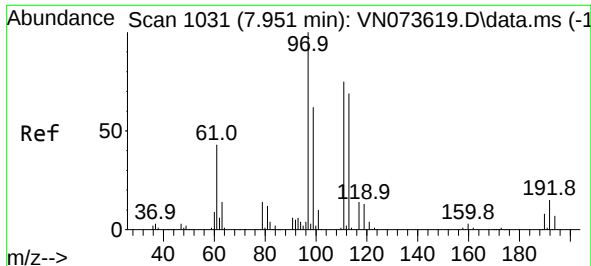
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.177 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073639.D

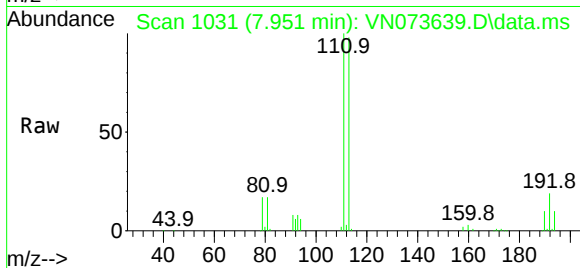
Acq: 29 Jul 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

PB146545TB



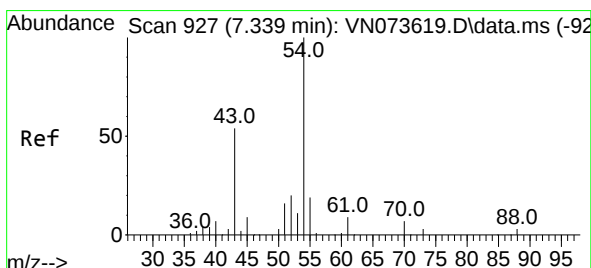
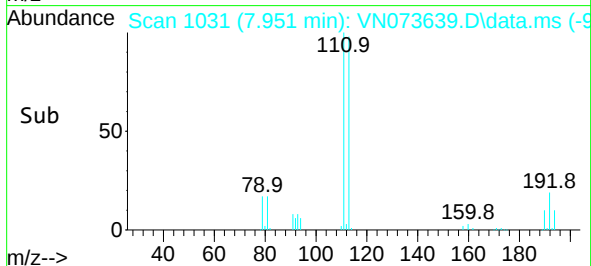
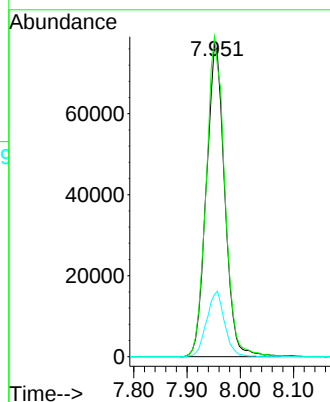
Tgt Ion:113 Resp: 185398

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 20.5 17.0 25.6



#37

Ethyl Acetate

Concen: 8.876 ug/l

RT: 7.340 min Scan# 927

Delta R.T. 0.000 min

Lab File: VN073639.D

Acq: 29 Jul 2022 16:59

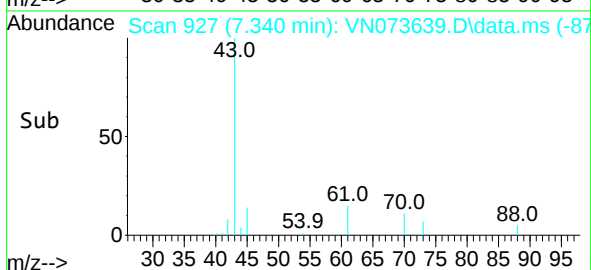
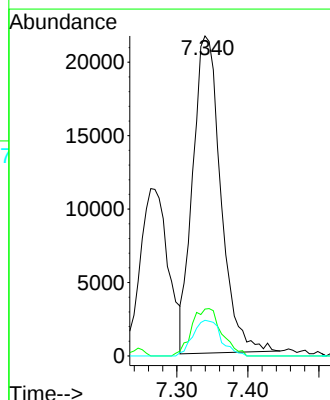
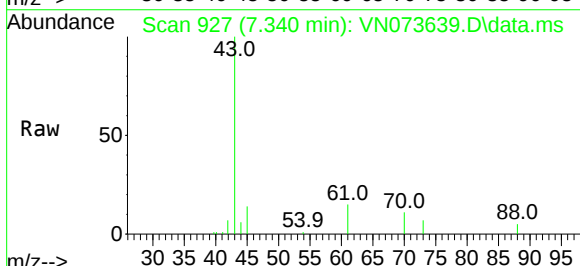
Tgt Ion: 43 Resp: 59201

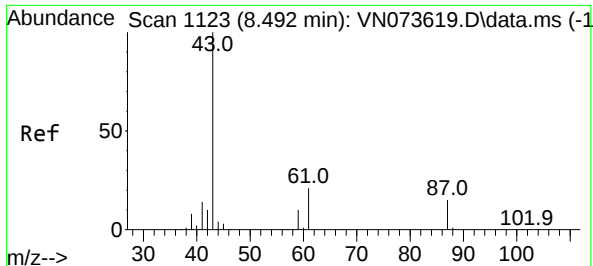
Ion Ratio Lower Upper

43 100

61 16.0 11.8 17.6

70 11.3 9.3 13.9

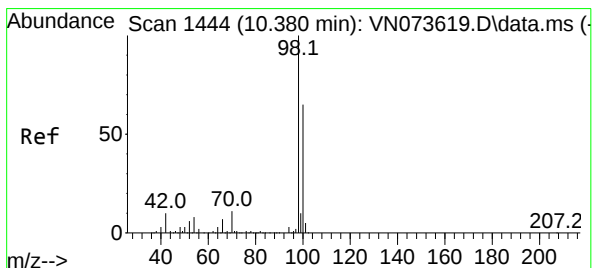
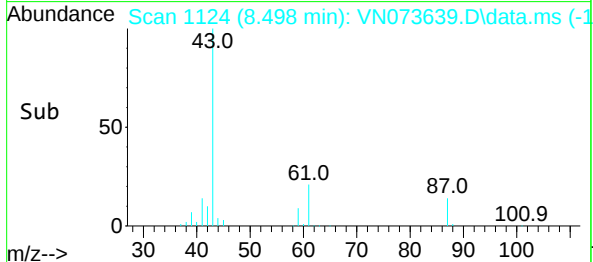
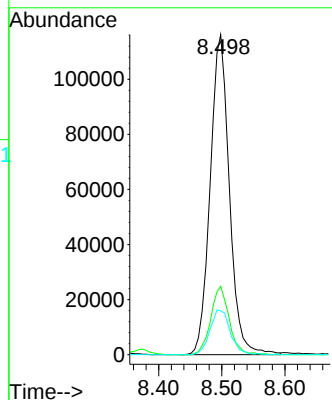
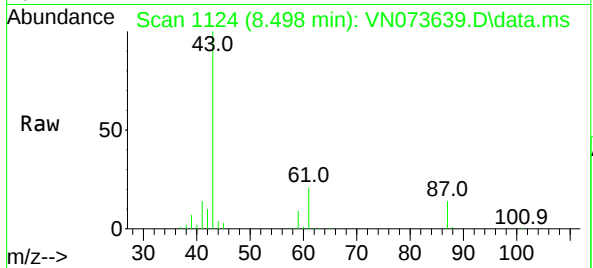




#43
Isopropyl Acetate
Concen: 27.213 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073639.D
Acq: 29 Jul 2022 16:59

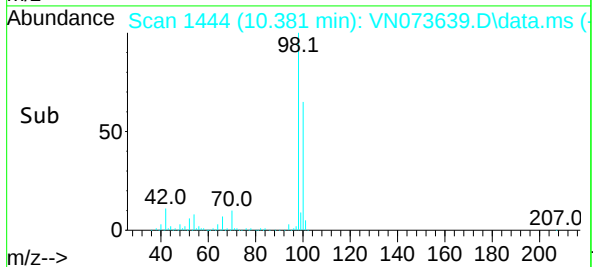
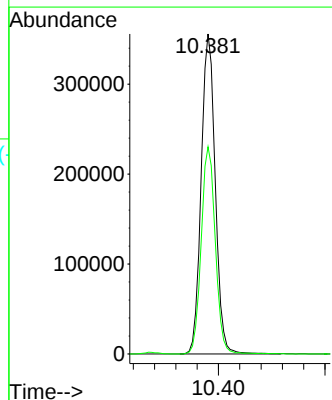
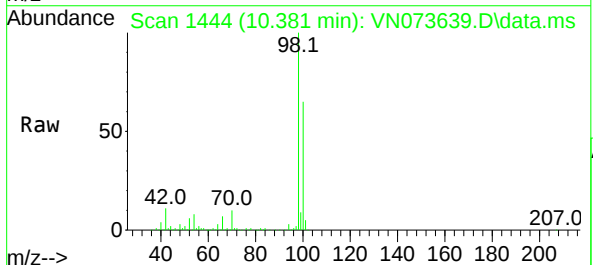
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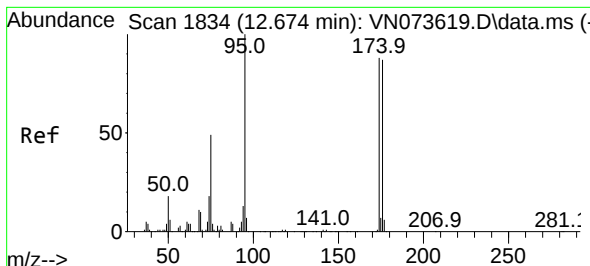
Tgt Ion: 43 Resp: 245141
Ion Ratio Lower Upper
43 100
61 20.6 21.9 32.9#
87 14.7 12.0 18.0



#50
Toluene-d8
Concen: 46.563 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073639.D
Acq: 29 Jul 2022 16:59

Tgt Ion: 98 Resp: 651068
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

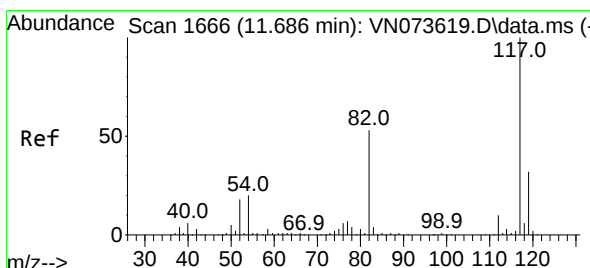
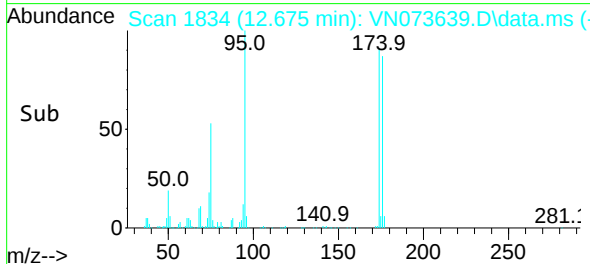
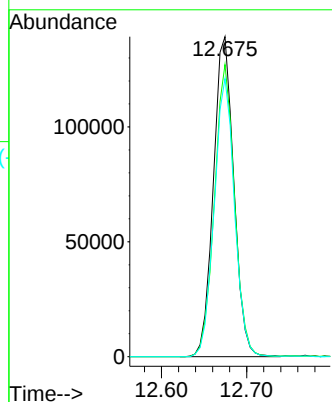
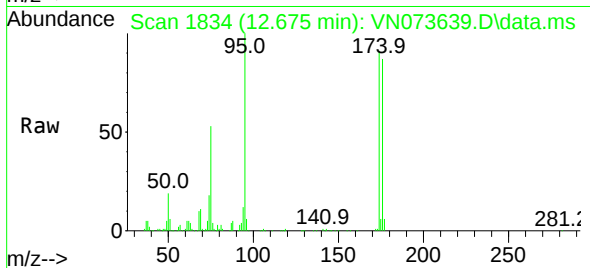




#62
4-Bromofluorobenzene
Concen: 49.651 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073639.D
Acq: 29 Jul 2022 16:59

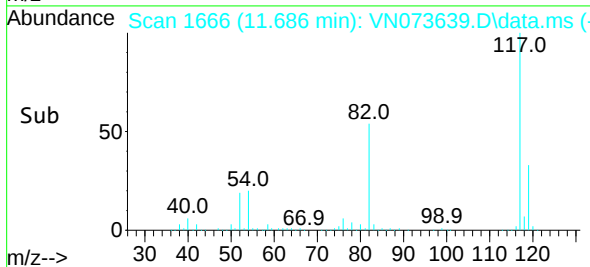
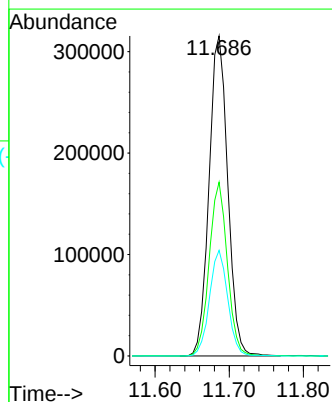
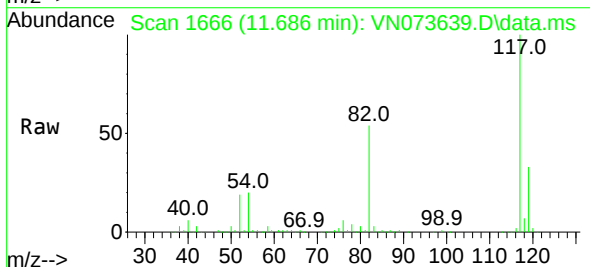
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PB146545TB

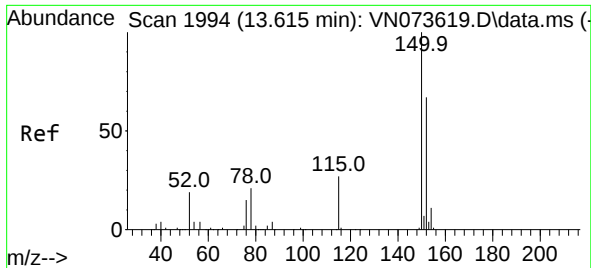
Tgt Ion: 95 Resp: 231634
Ion Ratio Lower Upper
95 100
174 89.9 0.0 167.6
176 86.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073639.D
Acq: 29 Jul 2022 16:59

Tgt Ion: 117 Resp: 553217
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 33.0 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: VN073639.D

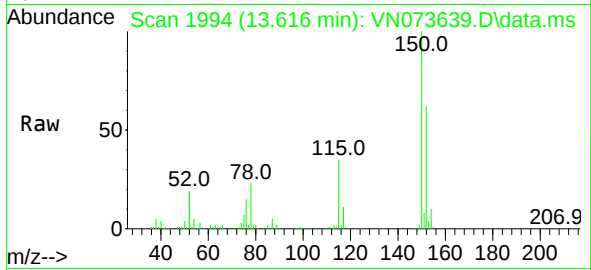
Acq: 29 Jul 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

PB146545TB



Tgt Ion:152 Resp: 237900

Ion Ratio Lower Upper

152 100

115 56.8 28.9 86.7

150 156.9 0.0 356.2

