

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073801.D
 Acq On : 10 Aug 2022 16:35
 Operator : JC\MD
 Sample : PB146860TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146860TB

Quant Time: Aug 10 22:55:00 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)

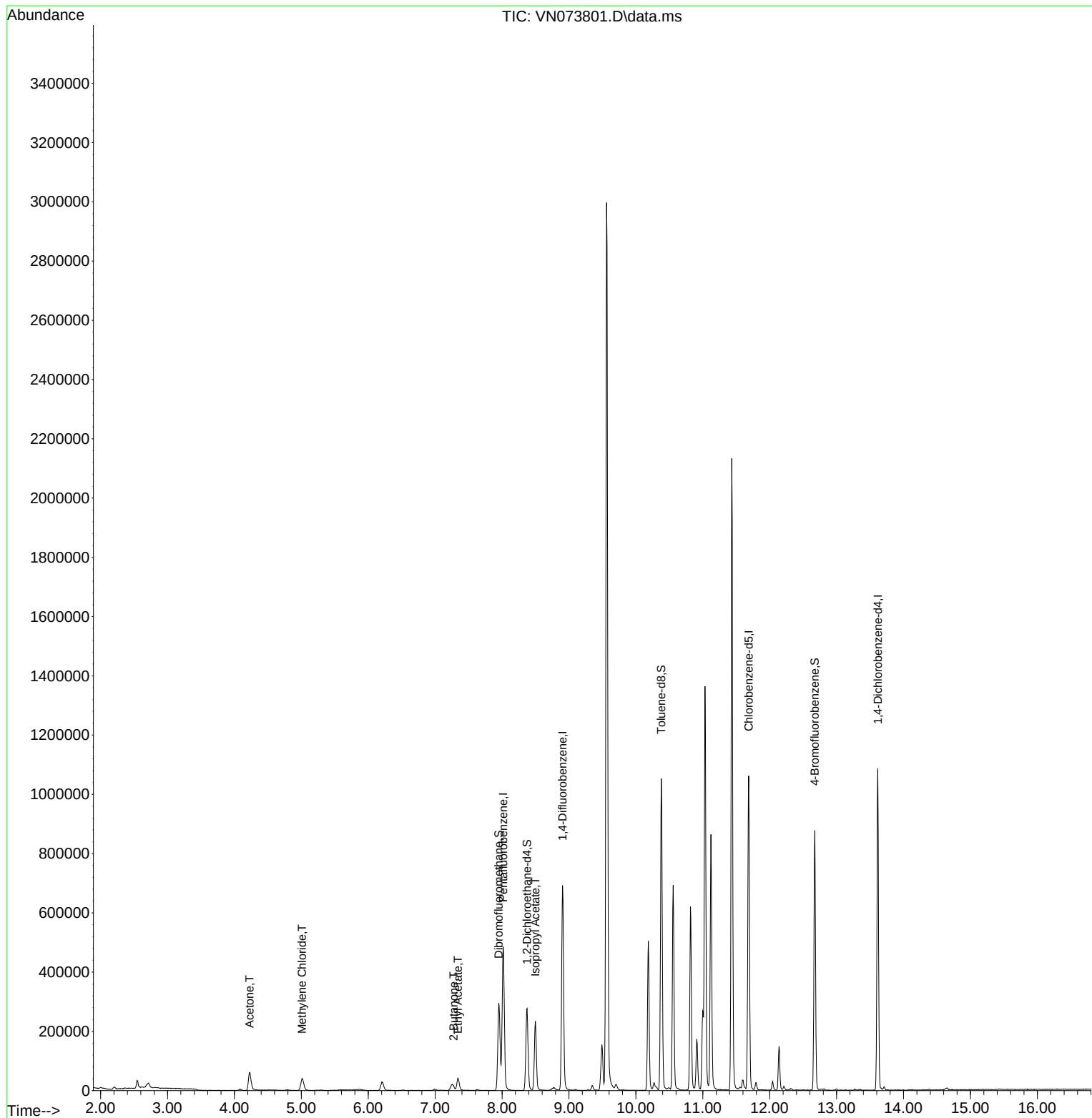
Internal Standards						
1) Pentafluorobenzene	8.016	168	395209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	635347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	643313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	302113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	231881	48.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.300%
35) Dibromofluoromethane	7.951	113	217785	54.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.180%
50) Toluene-d8	10.380	98	746523	47.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.674	95	281640	51.042	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.080%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	112830	43.617	ug/l	98
20) Methylene Chloride	5.010	84	33987	6.190	ug/l	98
25) 2-Butanone	7.275	43	22621	5.631	ug/l	92
37) Ethyl Acetate	7.340	43	64302	8.587	ug/l	99
43) Isopropyl Acetate	8.498	43	255427	25.254	ug/l #	91

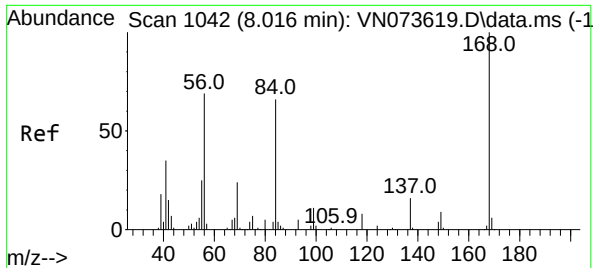
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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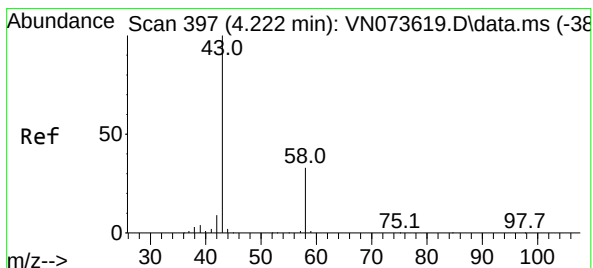
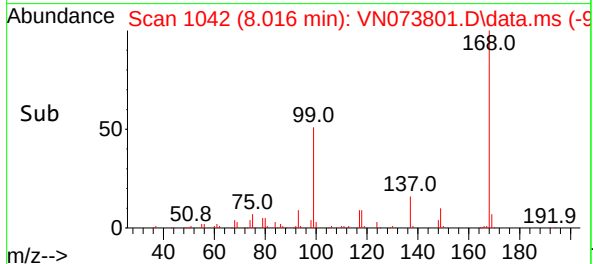
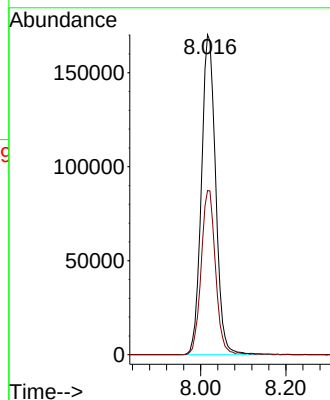
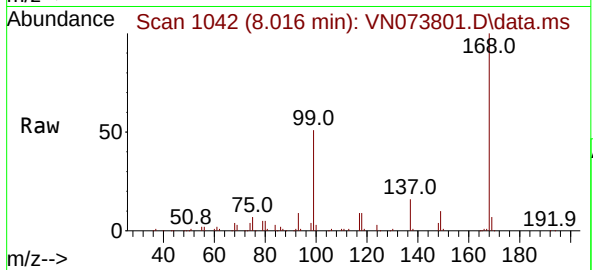




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

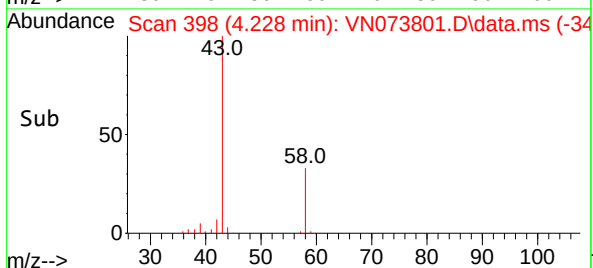
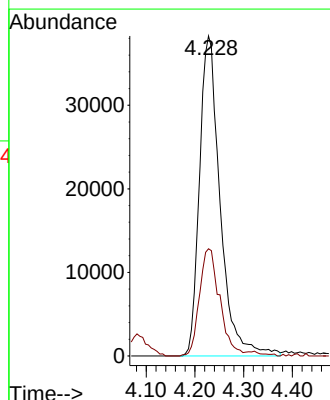
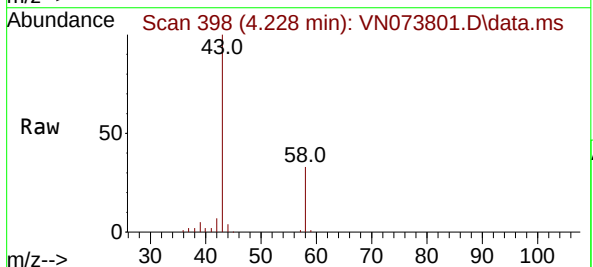
Instrument :
MSVOA_N
ClientSampleId :
PB146860TB

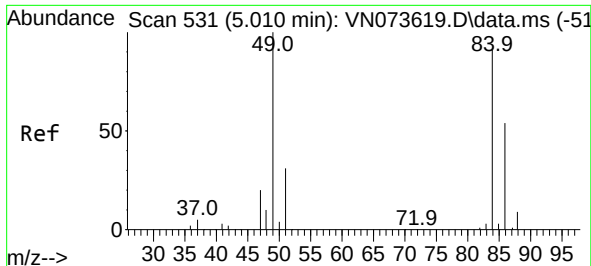
Tgt Ion:168 Resp: 395209
Ion Ratio Lower Upper
168 100
99 51.3 42.3 63.5



#16
Acetone
Concen: 43.617 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

Tgt Ion: 43 Resp: 112830
Ion Ratio Lower Upper
43 100
58 33.5 26.0 39.0

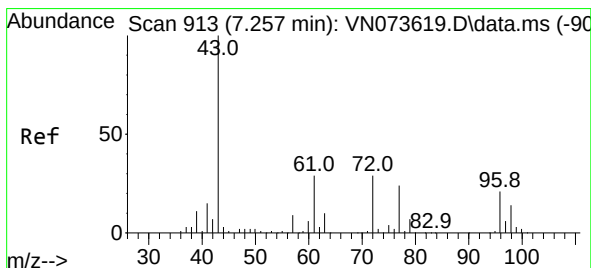
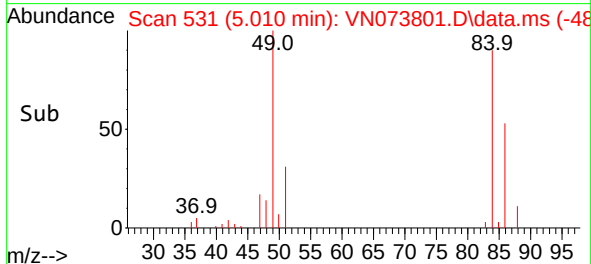
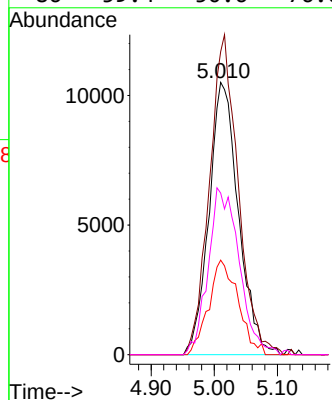
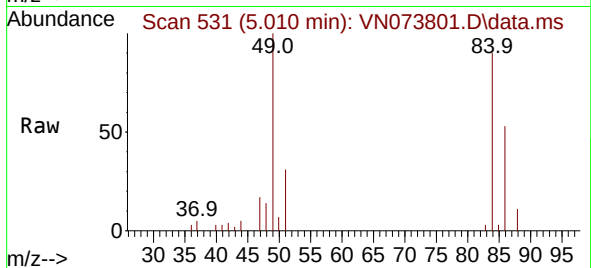




#20
Methylene Chloride
Concen: 6.190 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

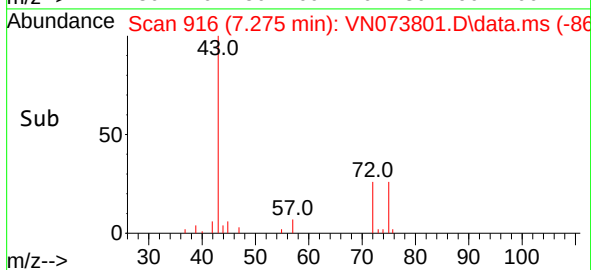
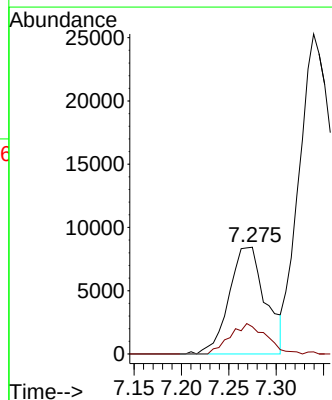
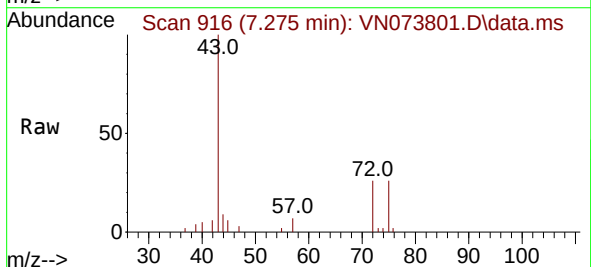
Instrument :
MSVOA_N
ClientSampleId :
PB146860TB

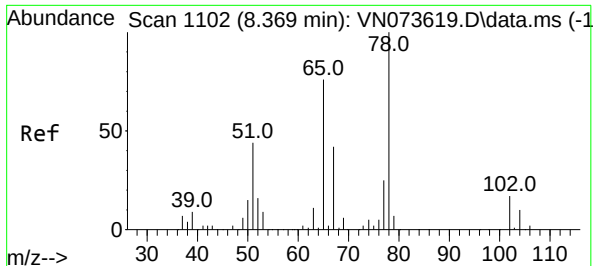
Tgt Ion:	84	Resp:	33987
Ion	Ratio	Lower	Upper
84	100		
49	111.3	88.3	132.5
51	34.7	28.2	42.2
86	59.4	50.6	76.0



#25
2-Butanone
Concen: 5.631 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

Tgt Ion:	43	Resp:	22621
Ion	Ratio	Lower	Upper
43	100		
72	25.5	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 48.145 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073801.D

Acq: 10 Aug 2022 16:35

Instrument :

MSVOA_N

ClientSampleId :

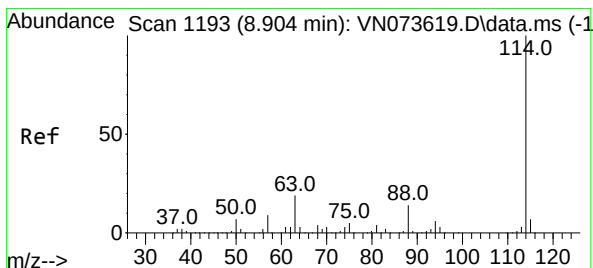
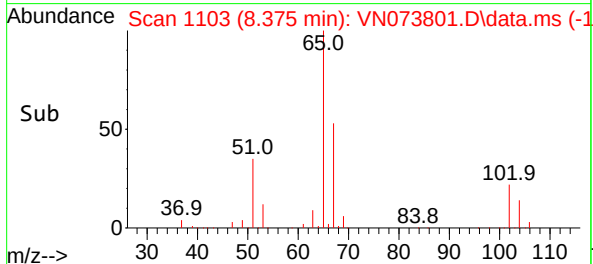
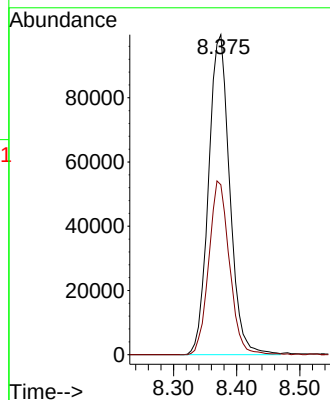
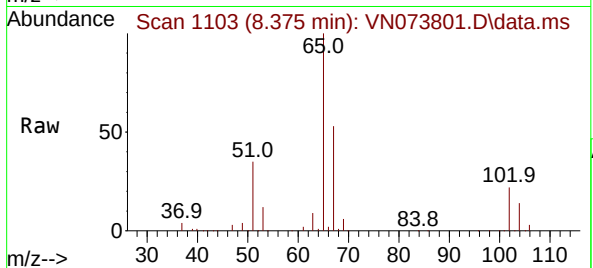
PB146860TB

Tgt Ion: 65 Resp: 231881

Ion Ratio Lower Upper

65 100

67 53.1 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: VN073801.D

Acq: 10 Aug 2022 16:35

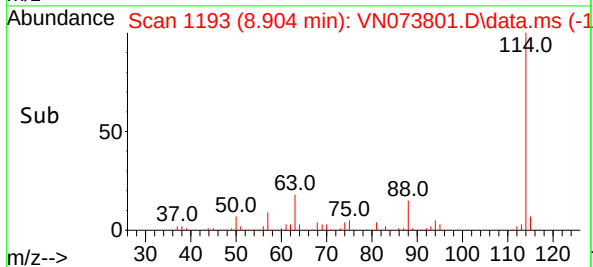
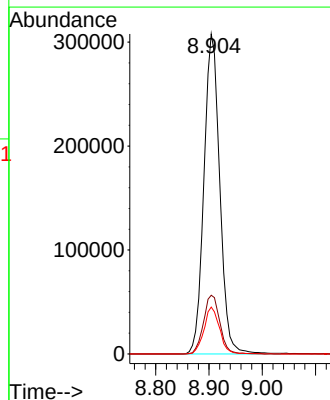
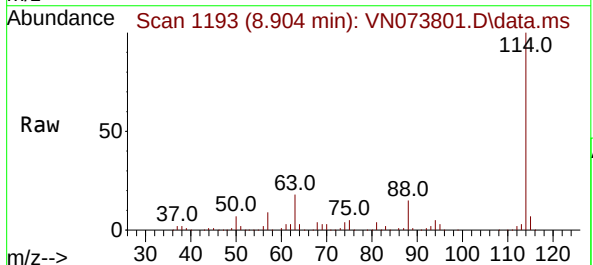
Tgt Ion: 114 Resp: 635347

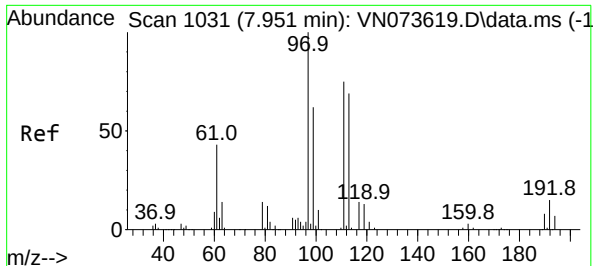
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

88 14.6 0.0 32.6

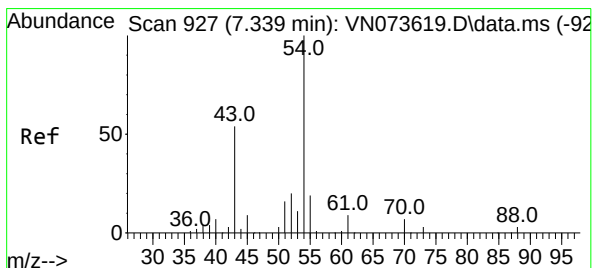
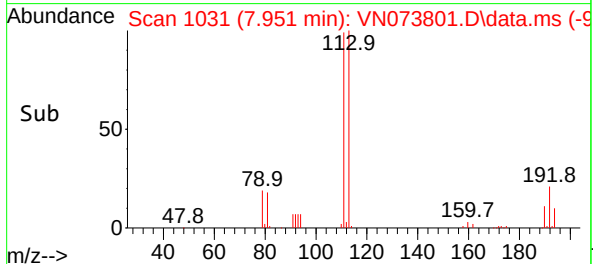
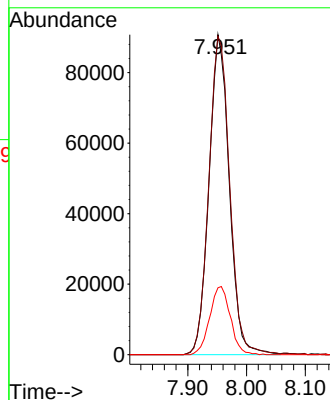
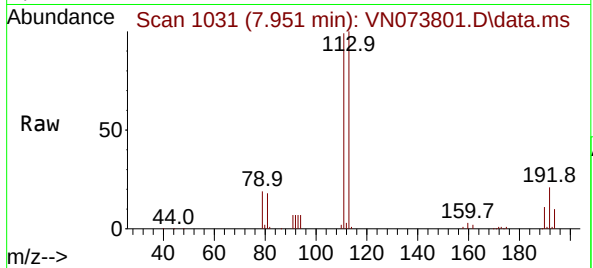




#35
Dibromofluoromethane
Concen: 54.588 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

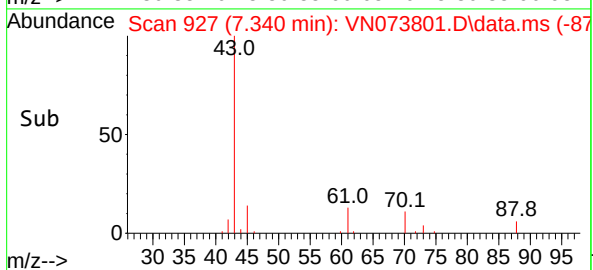
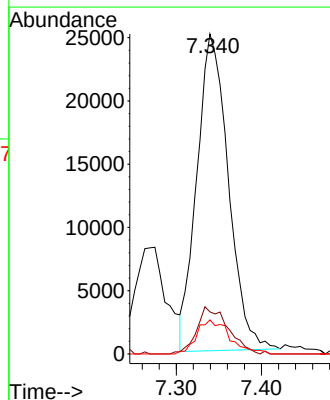
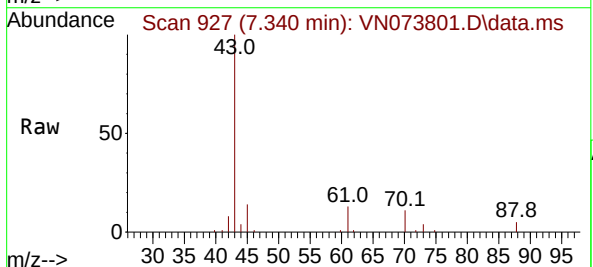
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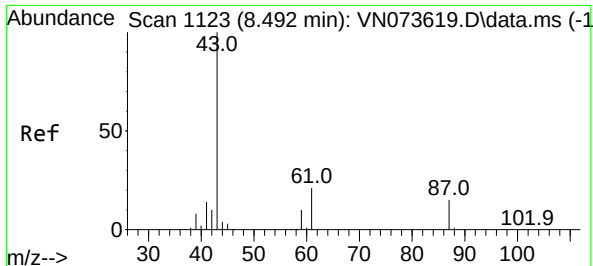
Tgt Ion:113 Resp: 217785
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 21.7 17.0 25.6



#37
Ethyl Acetate
Concen: 8.587 ug/l
RT: 7.340 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

Tgt Ion: 43 Resp: 64302
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.2 9.3 13.9

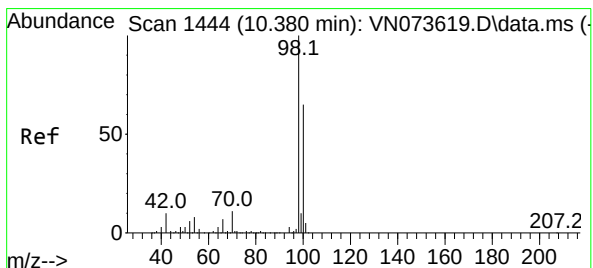
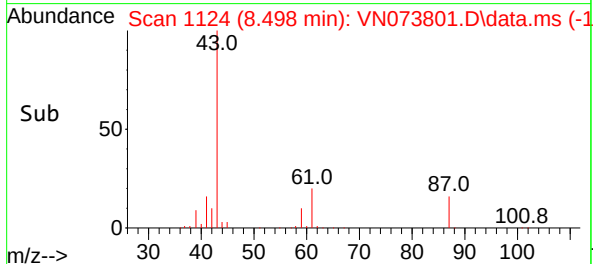
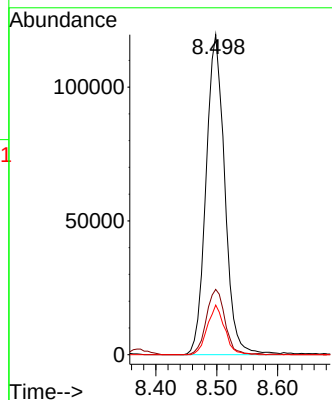
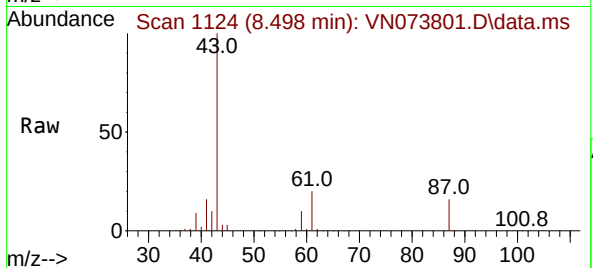




#43
Isopropyl Acetate
Concen: 25.254 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

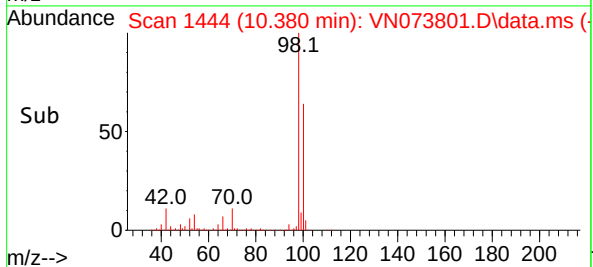
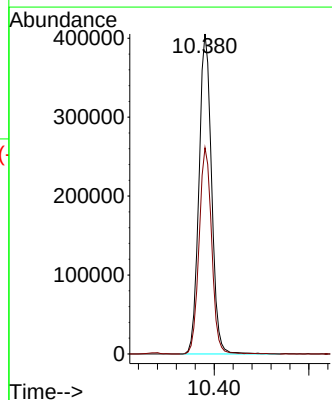
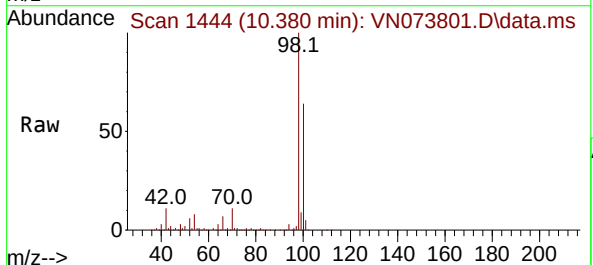
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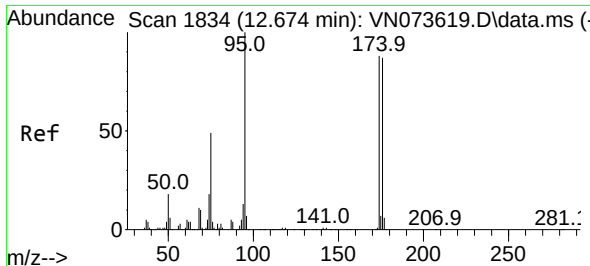
Tgt Ion: 43 Resp: 255427
Ion Ratio Lower Upper
43 100
61 20.5 21.9 32.9#
87 14.4 12.0 18.0



#50
Toluene-d8
Concen: 47.551 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

Tgt Ion: 98 Resp: 746523
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

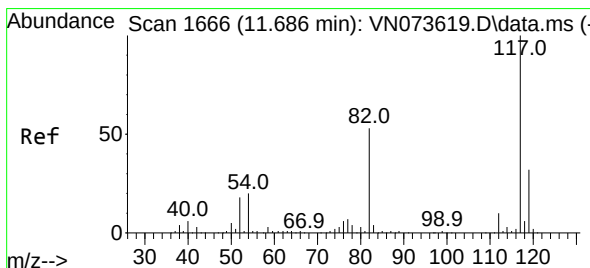
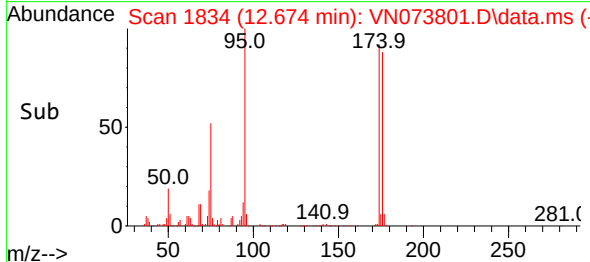
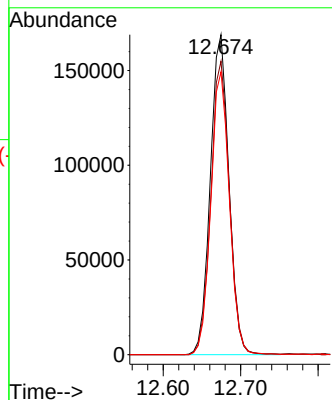
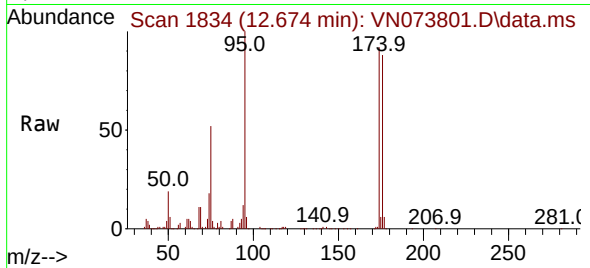




#62
4-Bromofluorobenzene
Concen: 51.042 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

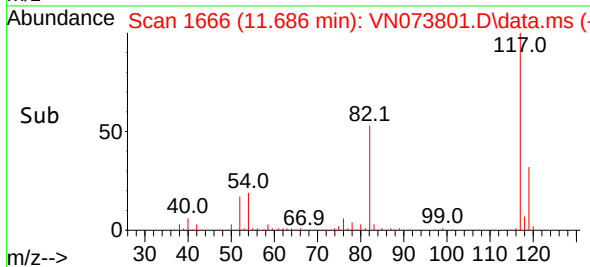
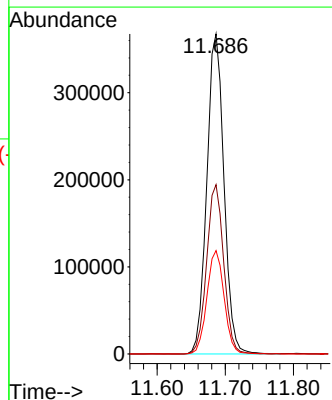
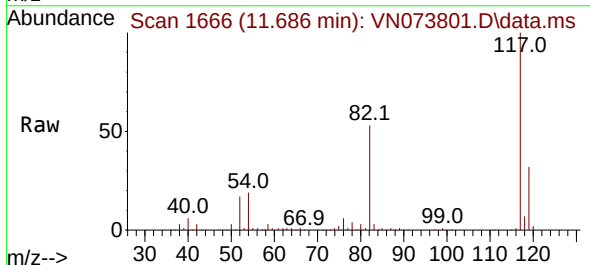
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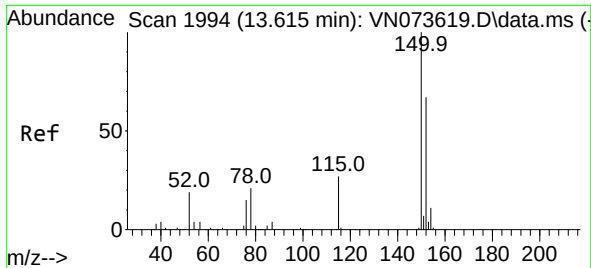
Tgt Ion: 95 Resp: 281640
Ion Ratio Lower Upper
95 100
174 92.0 0.0 167.6
176 87.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073801.D
Acq: 10 Aug 2022 16:35

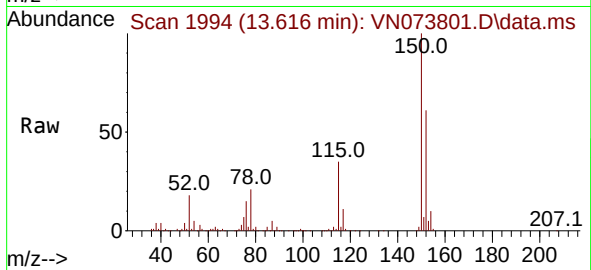
Tgt Ion: 117 Resp: 643313
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073801.D
 Acq: 10 Aug 2022 16:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146860TB



Tgt Ion:152 Resp: 302113
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.9 86.7
 150 158.7 0.0 356.2

