

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073826.D
 Acq On : 11 Aug 2022 15:38
 Operator : JC\MD
 Sample : PB146912ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146912ZHE#01

Quant Time: Aug 12 06:03:00 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)

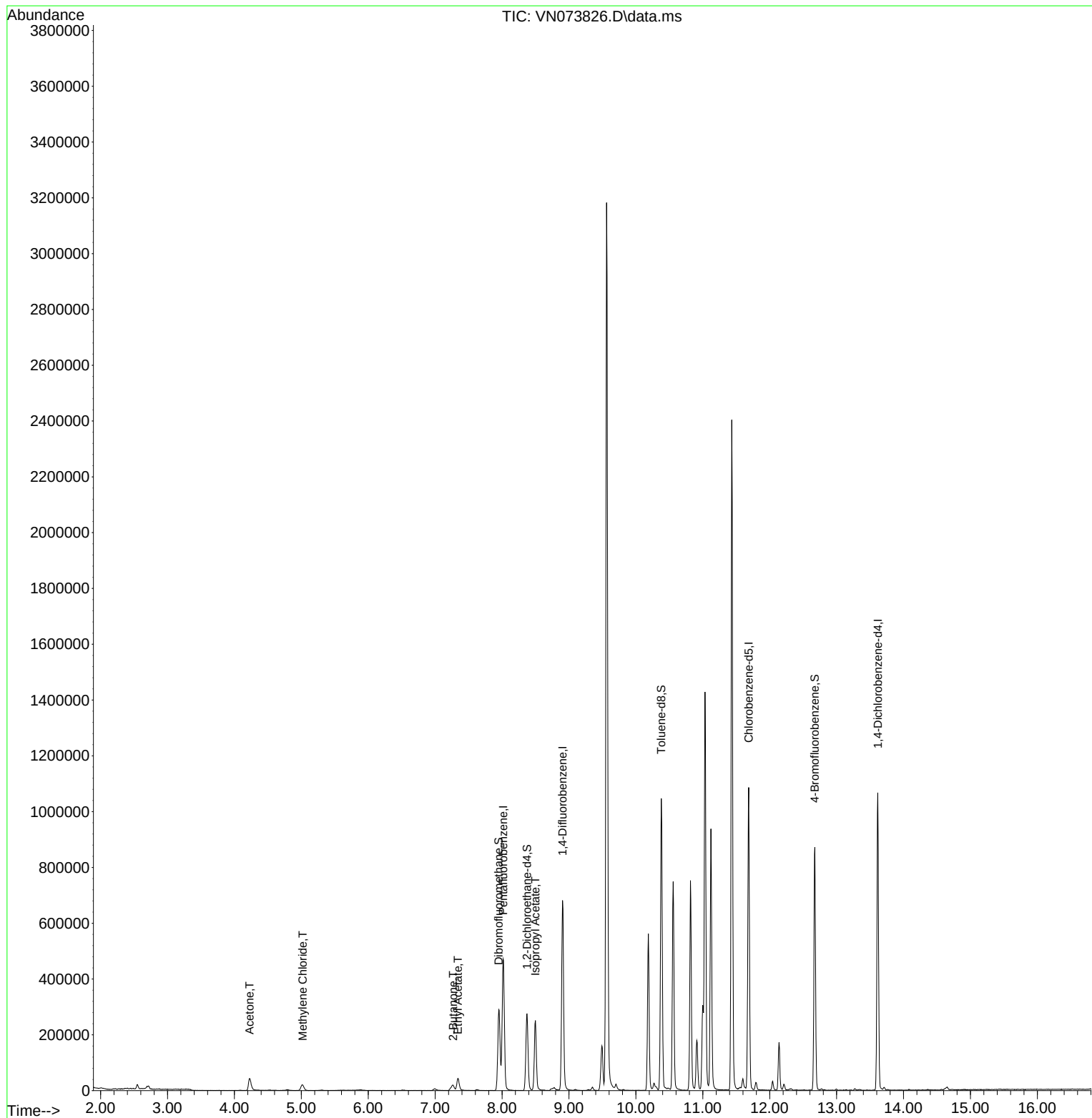
Internal Standards						
1) Pentafluorobenzene	8.016	168	389196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	628159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	645758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	304398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	231213	48.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	7.951	113	216991	55.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.020%
50) Toluene-d8	10.380	98	734276	47.306	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.674	95	284319	52.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.120%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	80910	31.761	ug/l	97
20) Methylene Chloride	5.022	84	17992	2.261	ug/l	98
25) 2-Butanone	7.269	43	26509	6.701	ug/l	92
37) Ethyl Acetate	7.339	43	69609	9.402	ug/l	99
43) Isopropyl Acetate	8.498	43	274653	27.465	ug/l #	92

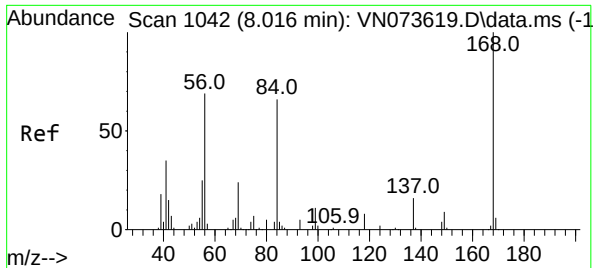
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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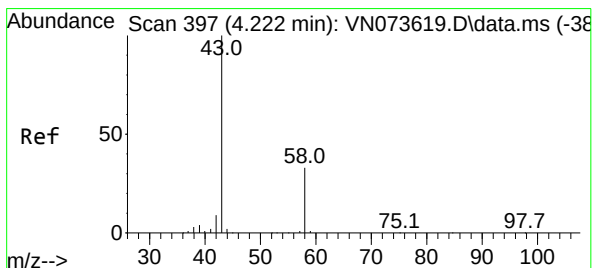
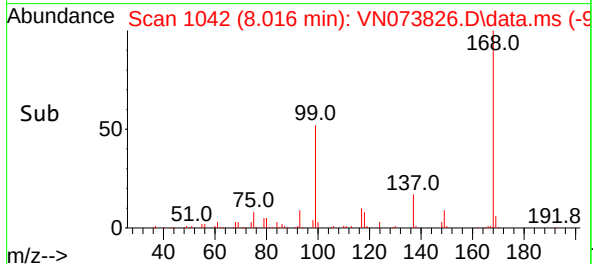
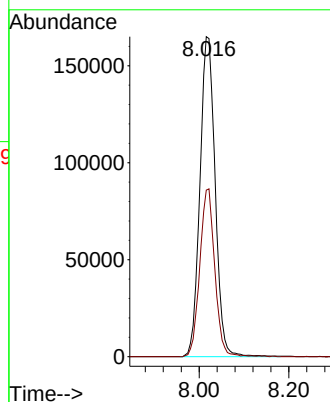
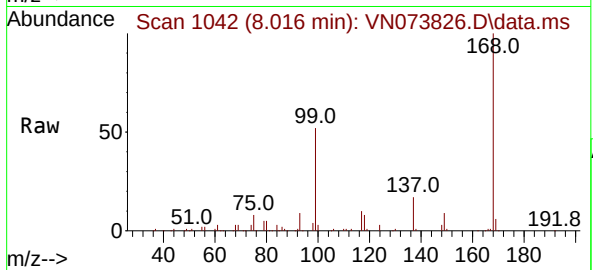




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

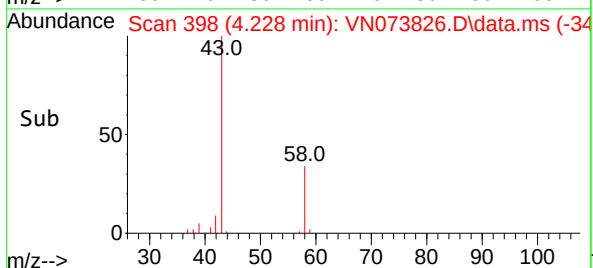
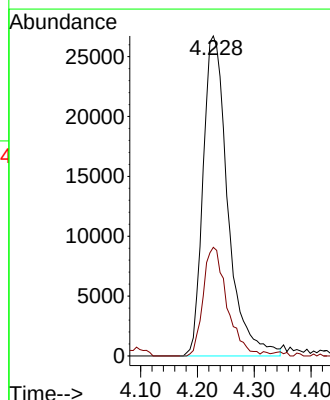
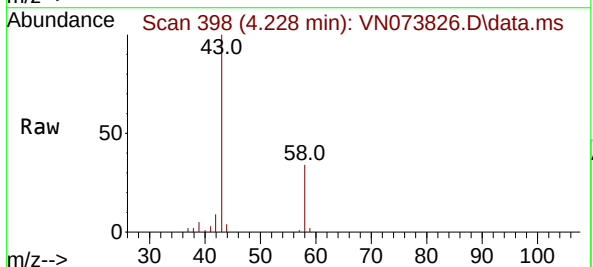
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#01

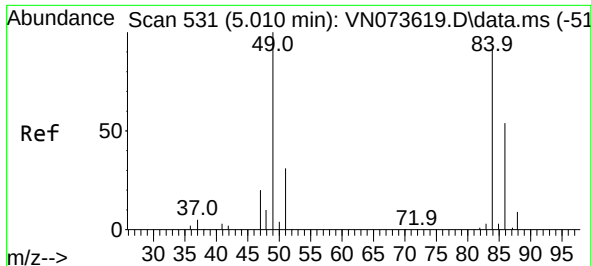
Tgt Ion:168 Resp: 389196
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5



#16
Acetone
Concen: 31.761 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

Tgt Ion: 43 Resp: 80910
Ion Ratio Lower Upper
43 100
58 34.0 26.0 39.0

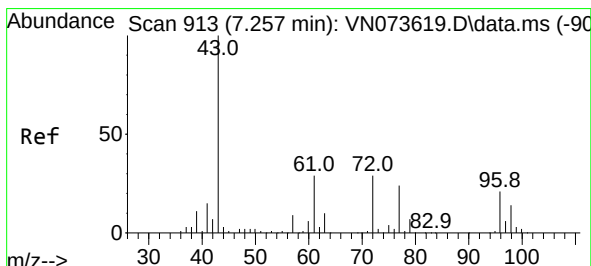
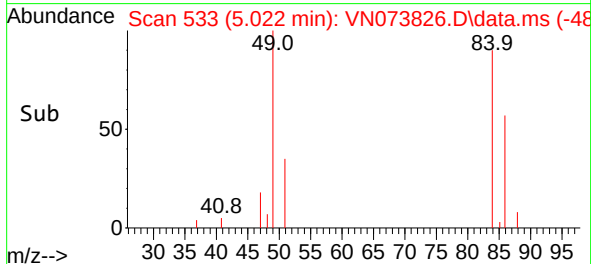
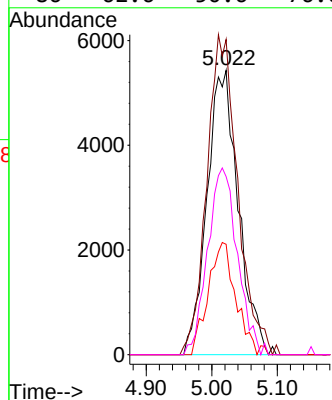
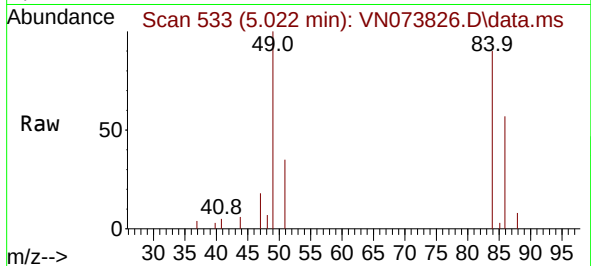




#20
Methylene Chloride
Concen: 2.261 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

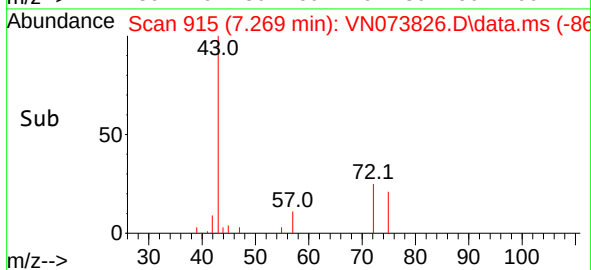
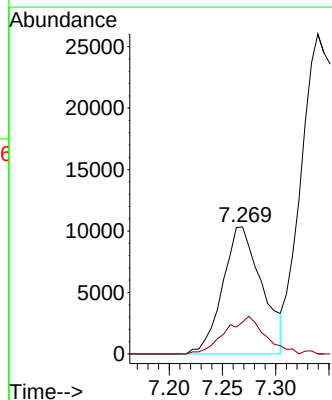
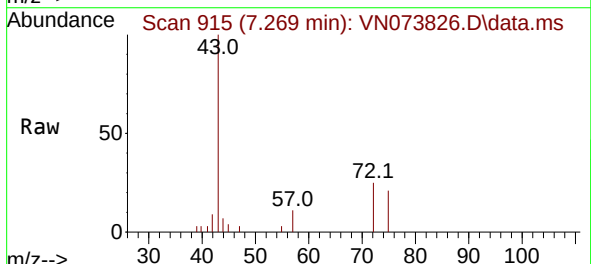
Instrument :
MSVOA_N
ClientSampleId :
PB146912ZHE#01

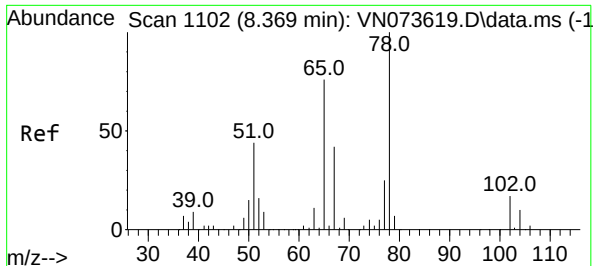
Tgt Ion: 84	Resp: 17992		
Ion	Ratio	Lower	Upper
84	100		
49	110.8	88.3	132.5
51	38.8	28.2	42.2
86	62.6	50.6	76.0



#25
2-Butanone
Concen: 6.701 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

Tgt Ion: 43	Resp: 26509
Ion Ratio	Lower Upper
43 100	
72 25.2	23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 48.748 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073826.D

Acq: 11 Aug 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

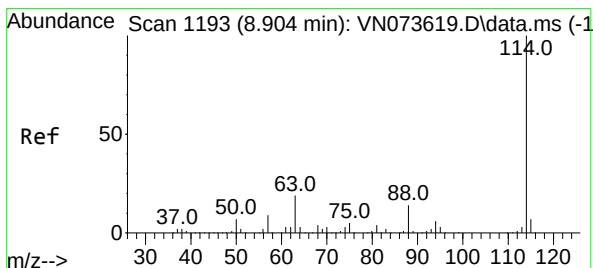
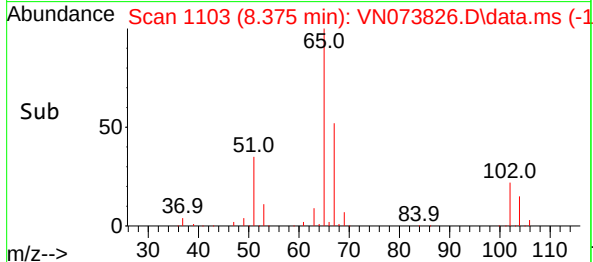
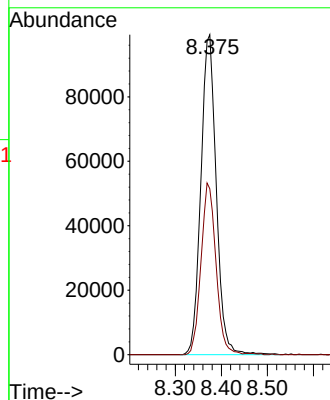
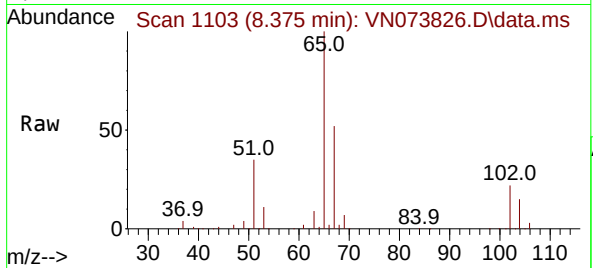
PB146912ZHE#01

Tgt Ion: 65 Resp: 231213

Ion Ratio Lower Upper

65 100

67 52.1 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: VN073826.D

Acq: 11 Aug 2022 15:38

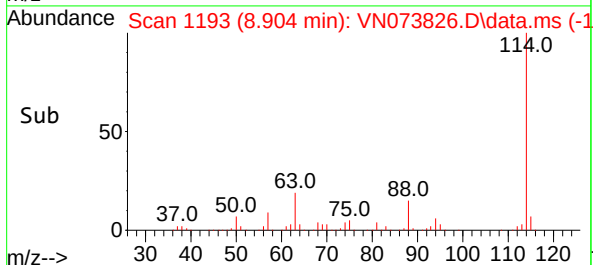
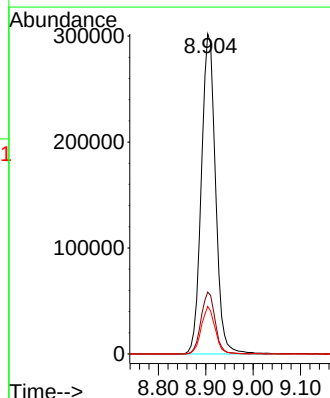
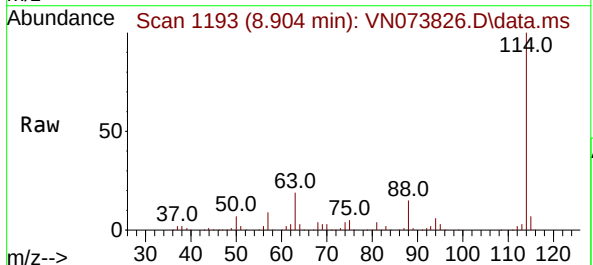
Tgt Ion: 114 Resp: 628159

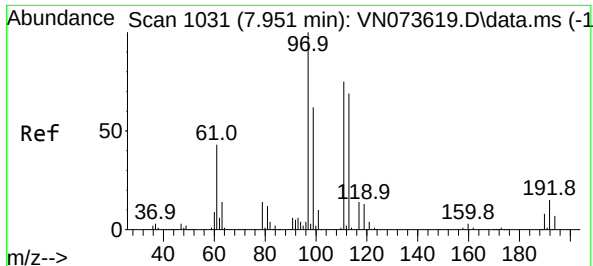
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.8 0.0 32.6

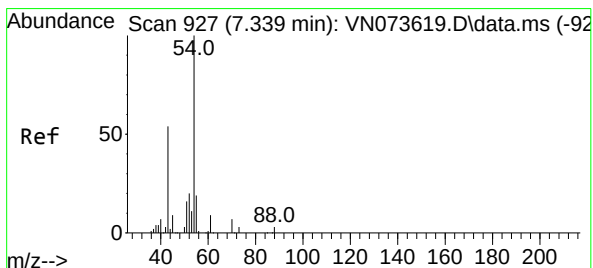
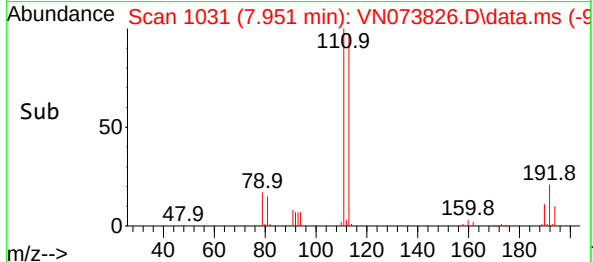
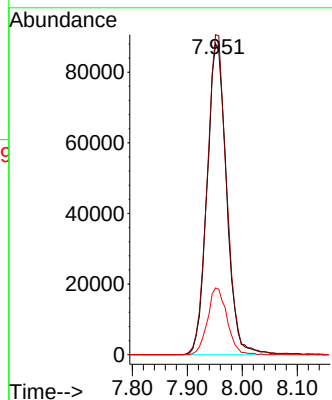
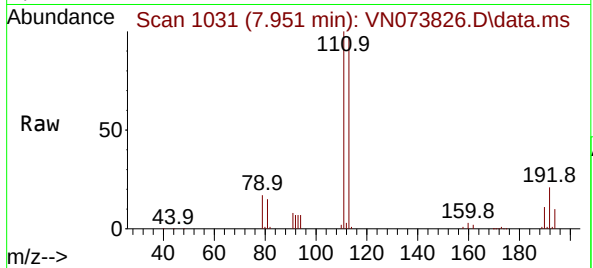




#35
Dibromofluoromethane
Concen: 55.012 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

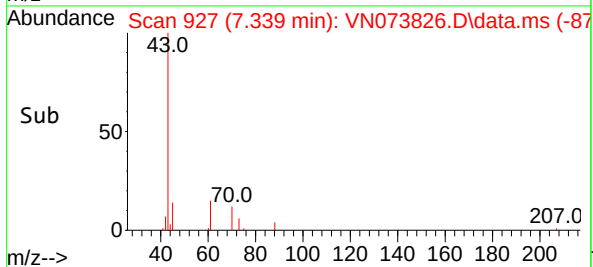
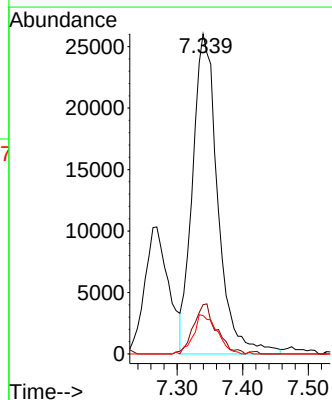
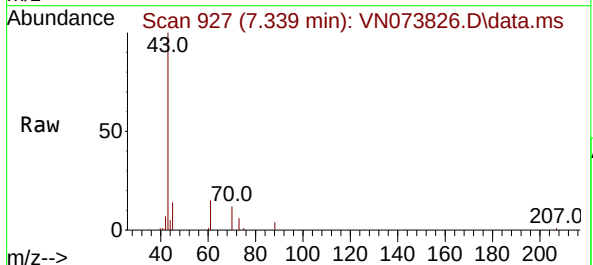
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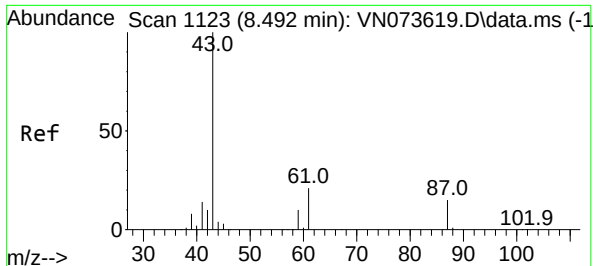
Tgt Ion:113 Resp: 216991
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 21.5 17.0 25.6



#37
Ethyl Acetate
Concen: 9.402 ug/l
RT: 7.339 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

Tgt Ion: 43 Resp: 69609
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.6
70 11.5 9.3 13.9

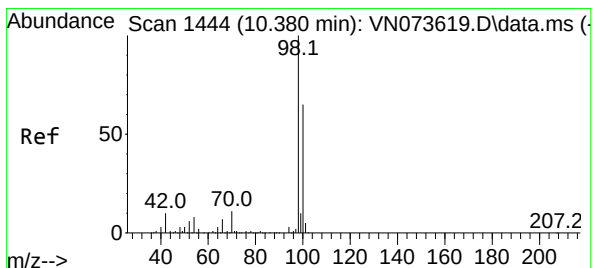
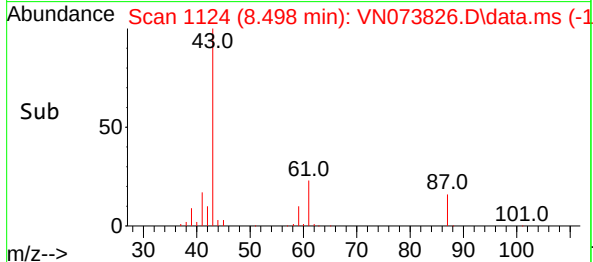
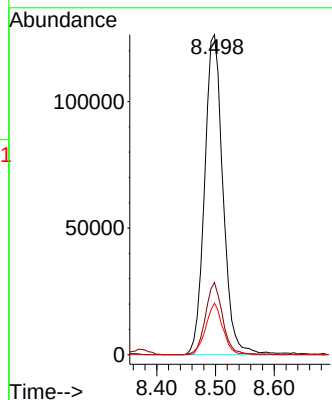
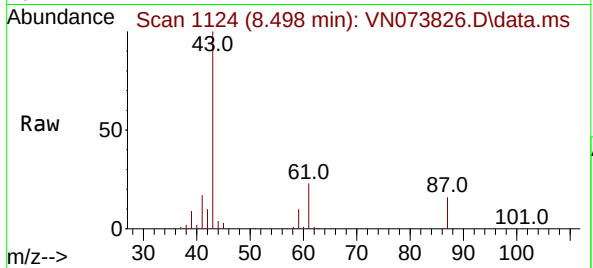




#43
Isopropyl Acetate
Concen: 27.465 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

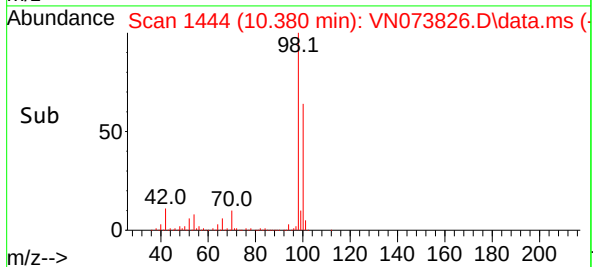
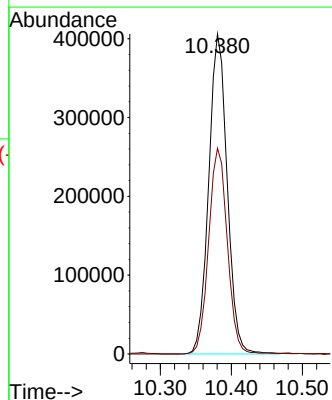
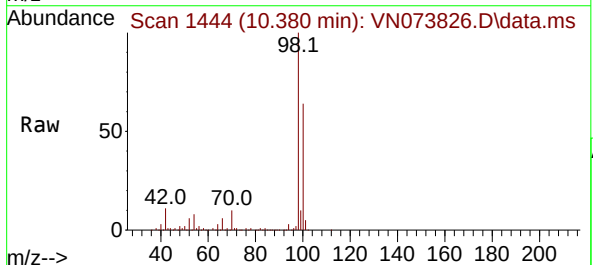
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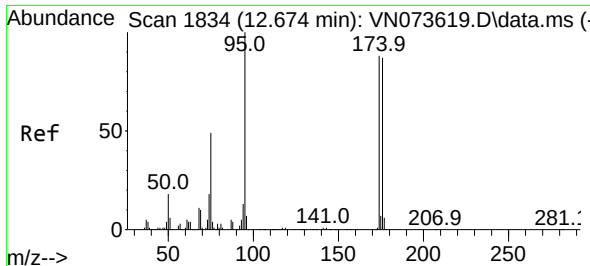
Tgt Ion: 43 Resp: 274653
Ion Ratio Lower Upper
43 100
61 21.2 21.9 32.9#
87 14.8 12.0 18.0



#50
Toluene-d8
Concen: 47.306 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

Tgt Ion: 98 Resp: 734276
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

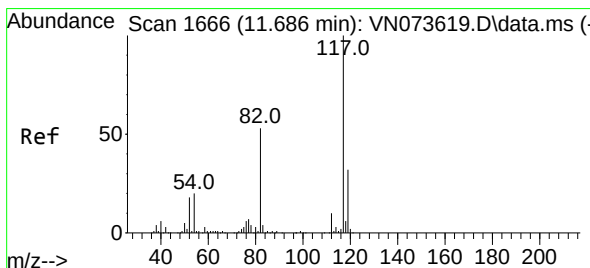
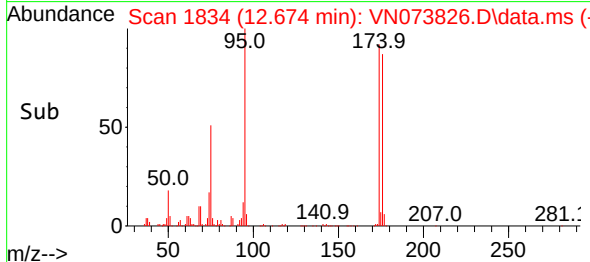
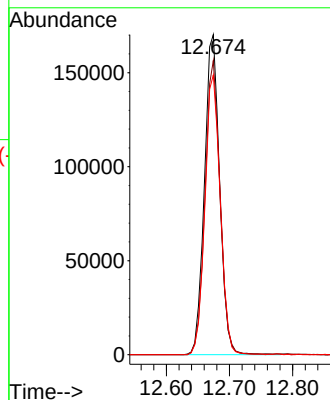
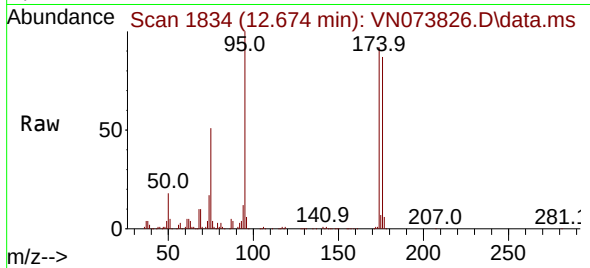




#62
4-Bromofluorobenzene
Concen: 52.059 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

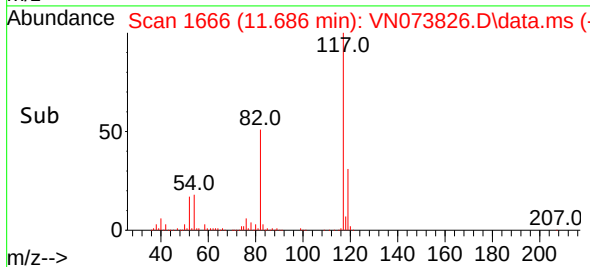
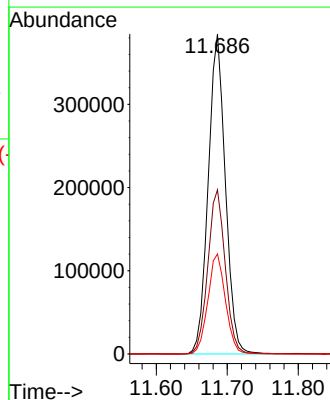
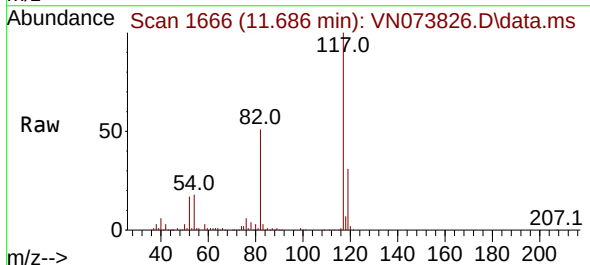
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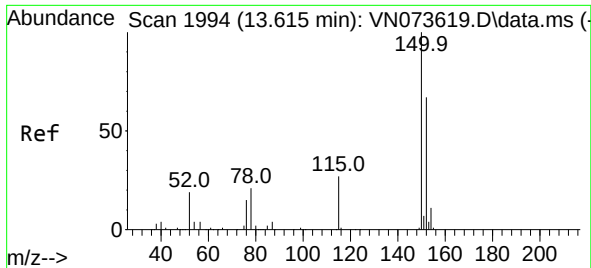
Tgt Ion: 95 Resp: 284319
Ion Ratio Lower Upper
95 100
174 91.2 0.0 167.6
176 88.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073826.D
Acq: 11 Aug 2022 15:38

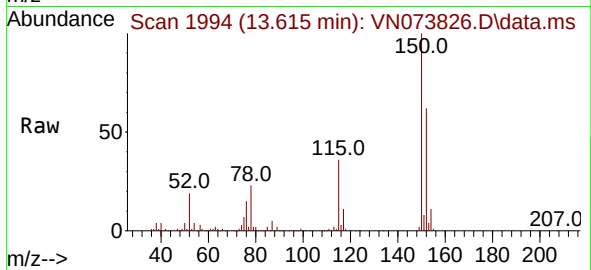
Tgt Ion: 117 Resp: 645758
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.2
119 31.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073826.D
 Acq: 11 Aug 2022 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146912ZHE#01



Tgt Ion:152 Resp: 304398
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.7
 150 158.5 0.0 356.2

