

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073786.D
 Acq On : 09 Aug 2022 13:47
 Operator : JC\MD
 Sample : PB146833ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146833ZHE#03

Quant Time: Aug 09 21:08:05 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)

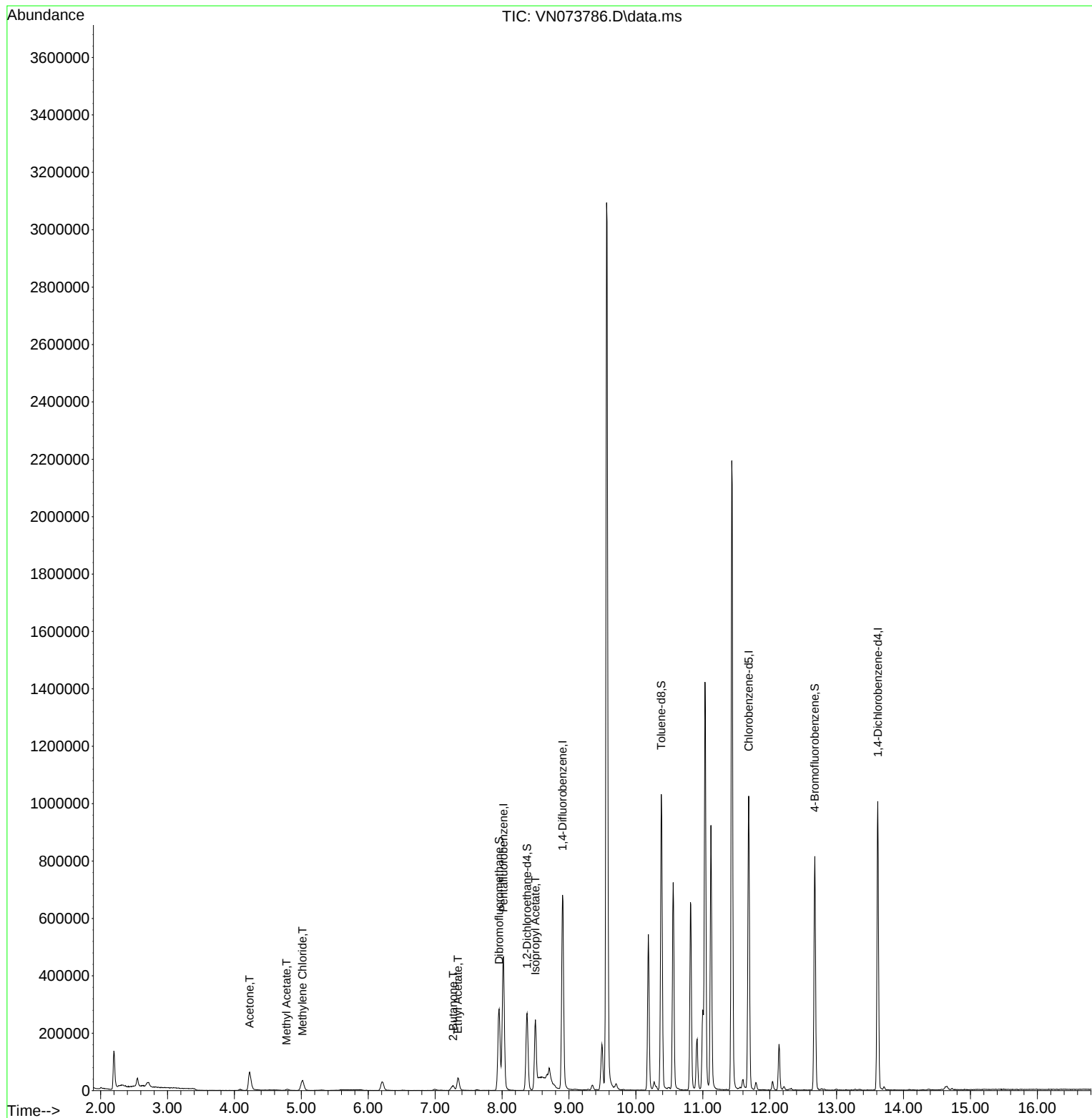
Internal Standards						
1) Pentafluorobenzene	8.022	168	382121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	628749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	615551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	283491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	223253	47.942	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	95.880%	
35) Dibromofluoromethane	7.957	113	210410	53.293	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.580%	
50) Toluene-d8	10.380	98	722154	46.481	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.960%	
62) 4-Bromofluorobenzene	12.674	95	267484	51.278	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	117820	47.106	ug/l	99
18) Methyl Acetate	4.781	43	9122	1.466	ug/l	94
20) Methylene Chloride	5.016	84	31014	5.713	ug/l	100
25) 2-Butanone	7.269	43	23280	5.993	ug/l	90
37) Ethyl Acetate	7.339	43	68459	9.238	ug/l	99
43) Isopropyl Acetate	8.498	43	278827	27.856	ug/l #	90

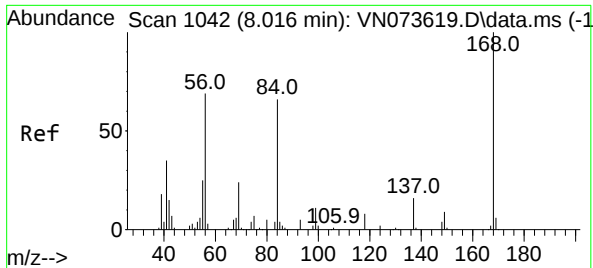
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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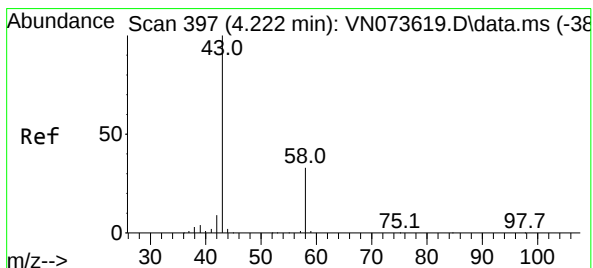
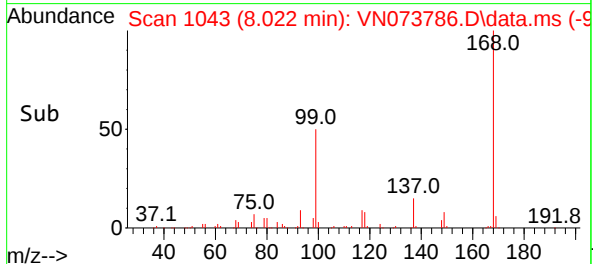
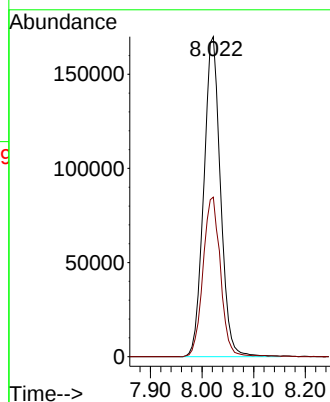
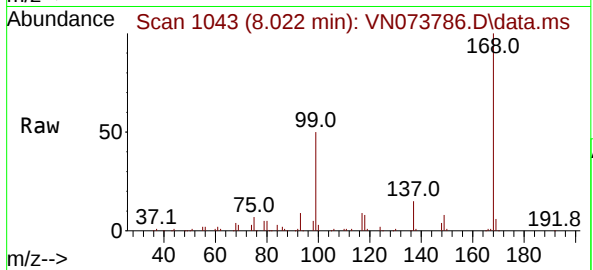




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

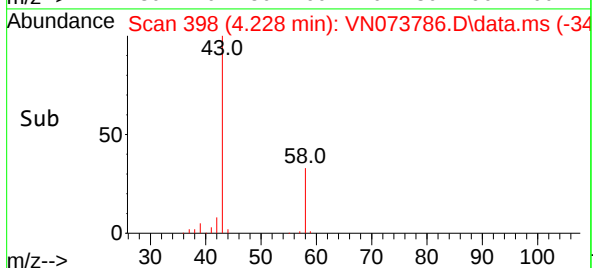
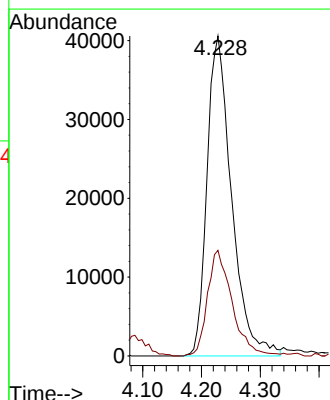
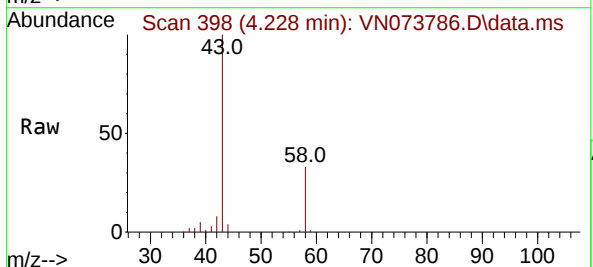
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#03

Tgt Ion:168 Resp: 382121
Ion Ratio Lower Upper
168 100
99 49.9 42.3 63.5



#16
Acetone
Concen: 47.106 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 43 Resp: 117820
Ion Ratio Lower Upper
43 100
58 33.0 26.0 39.0

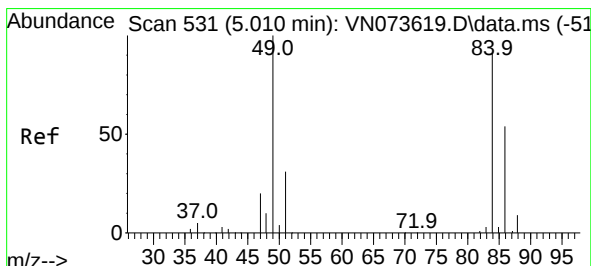
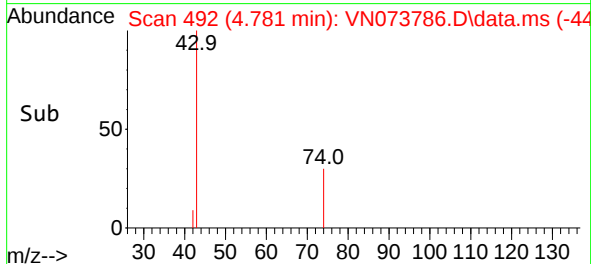
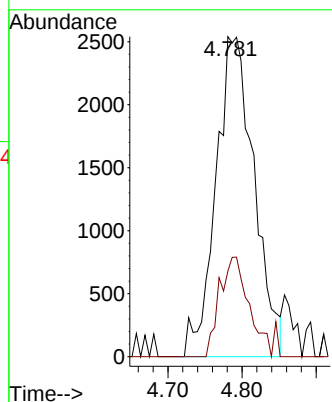
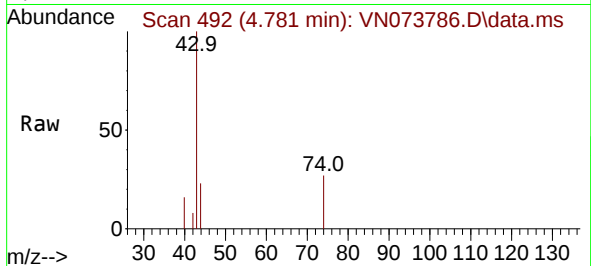




#18
Methyl Acetate
Concen: 1.466 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

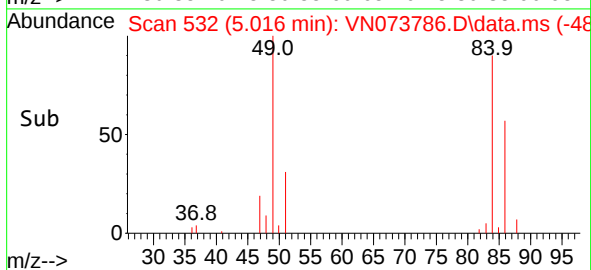
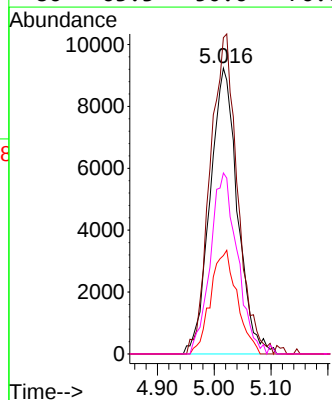
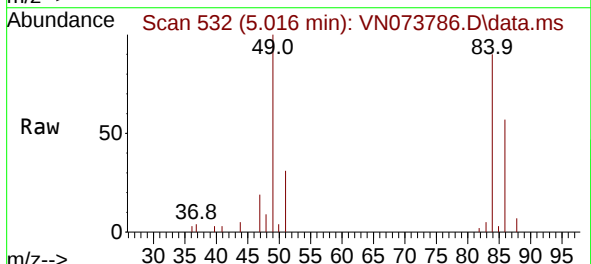
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#03

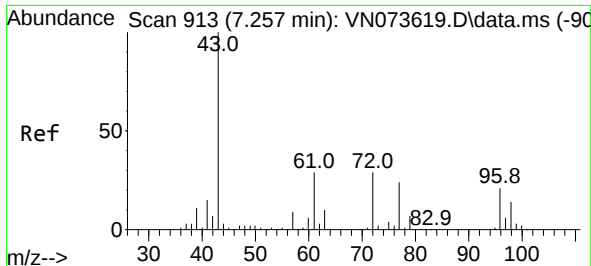
Tgt Ion: 43 Resp: 9122
Ion Ratio Lower Upper
43 100
74 23.8 21.6 32.4



#20
Methylene Chloride
Concen: 5.713 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 84 Resp: 31014
Ion Ratio Lower Upper
84 100
49 110.7 88.3 132.5
51 34.4 28.2 42.2
86 63.3 50.6 76.0

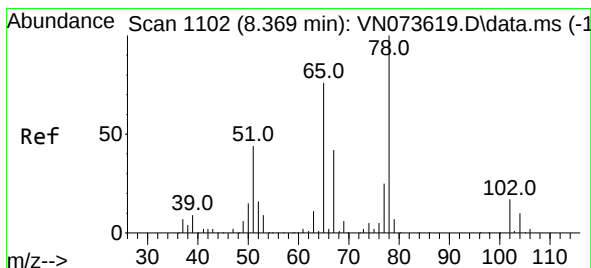
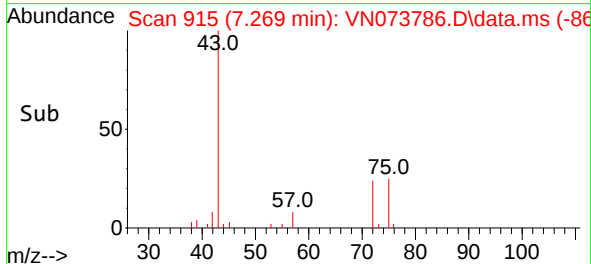
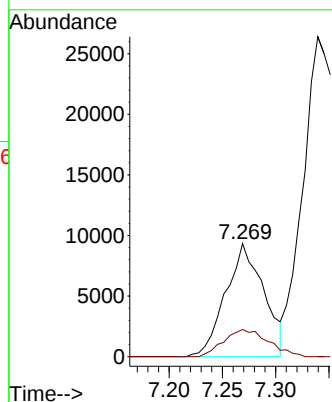
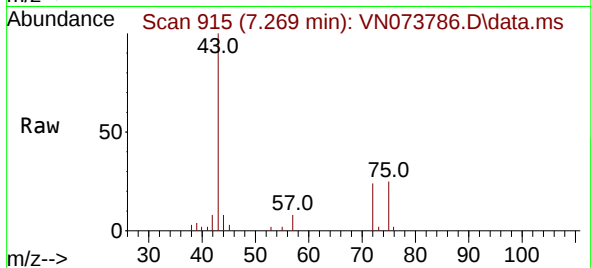




#25
2-Butanone
Concen: 5.993 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

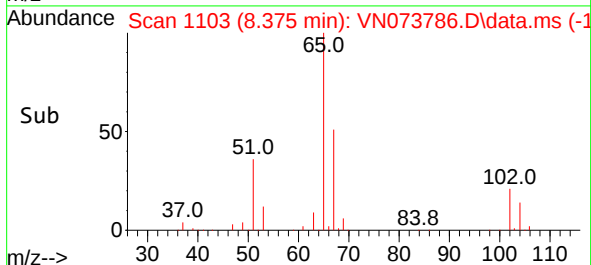
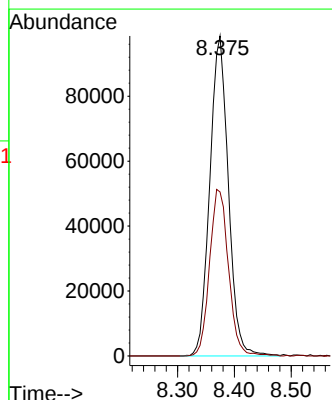
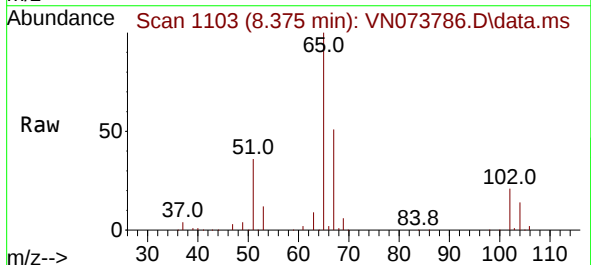
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#03

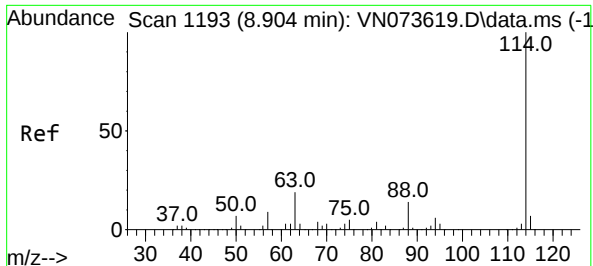
Tgt Ion: 43 Resp: 23280
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 47.942 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 65 Resp: 223253
Ion Ratio Lower Upper
65 100
67 53.0 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: VN073786.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB146833ZHE#03

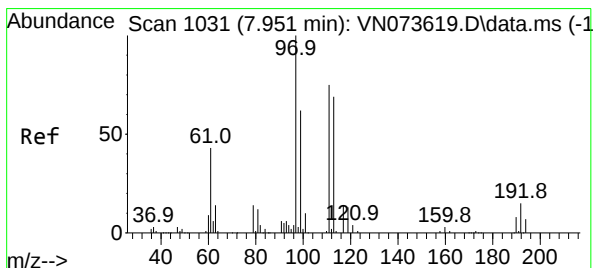
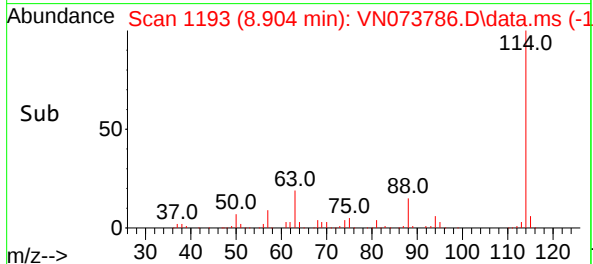
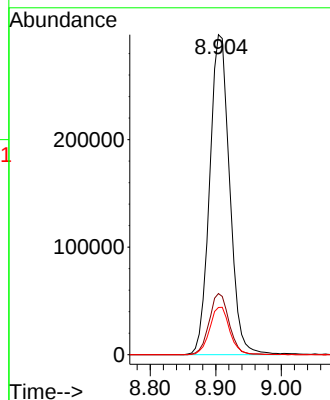
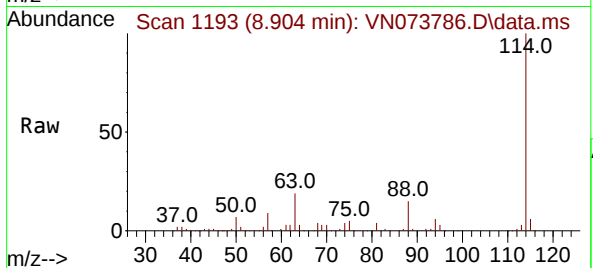
Tgt Ion:114 Resp: 628749

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.293 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073786.D

Acq: 09 Aug 2022 13:47

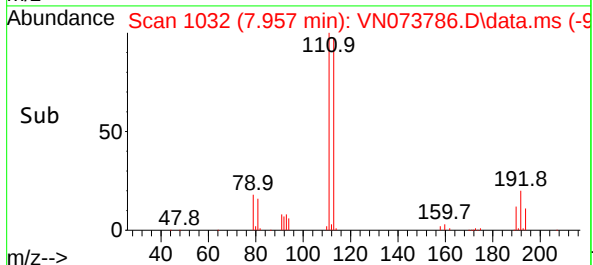
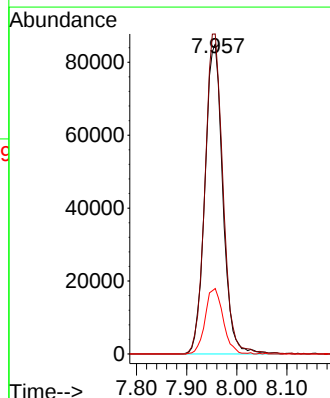
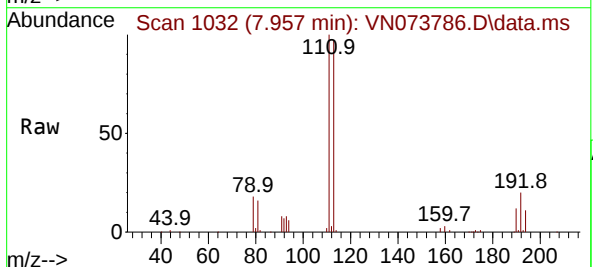
Tgt Ion:113 Resp: 210410

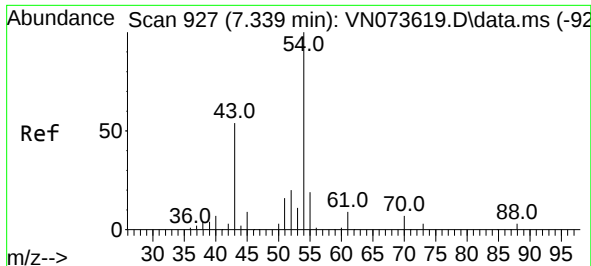
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 21.3 17.0 25.6

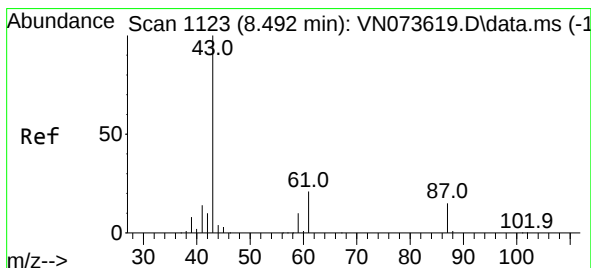
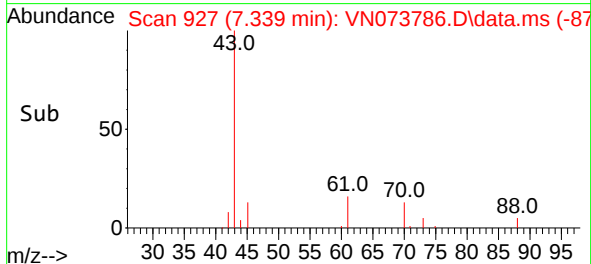
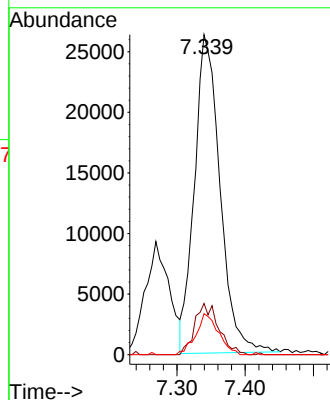
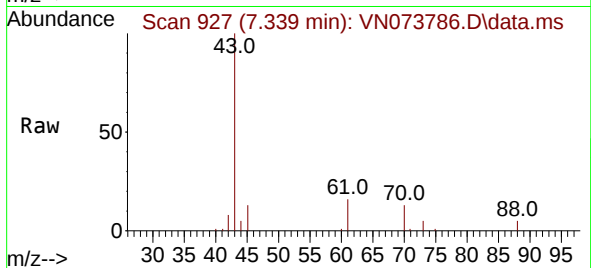




#37
Ethyl Acetate
Concen: 9.238 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

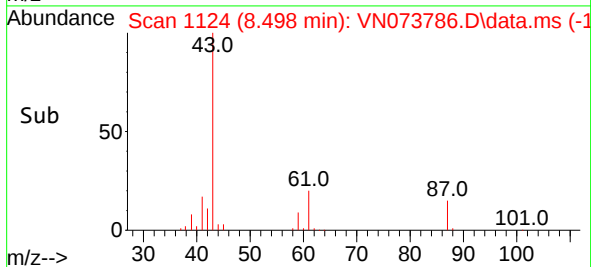
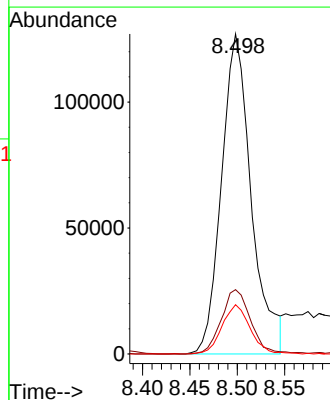
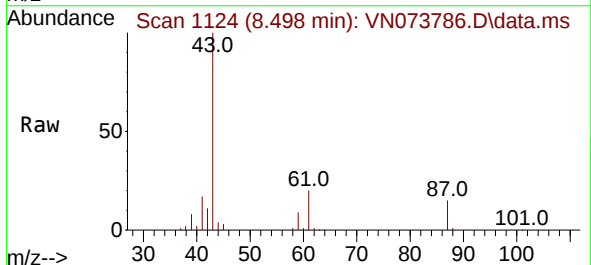
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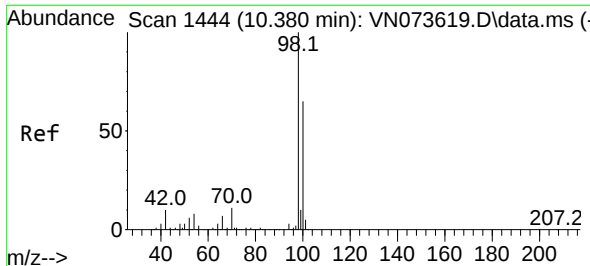
Tgt Ion:	43	Resp:	68459
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.8	17.6
70	11.3	9.3	13.9



#43
Isopropyl Acetate
Concen: 27.856 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

Tgt Ion:	43	Resp:	278827
Ion	Ratio	Lower	Upper
43	100		
61	19.8	21.9	32.9#
87	14.5	12.0	18.0

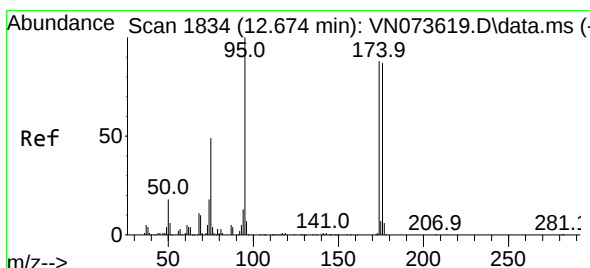
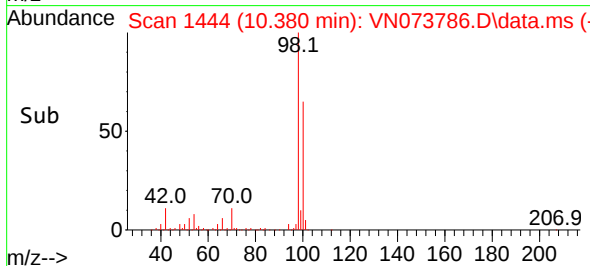
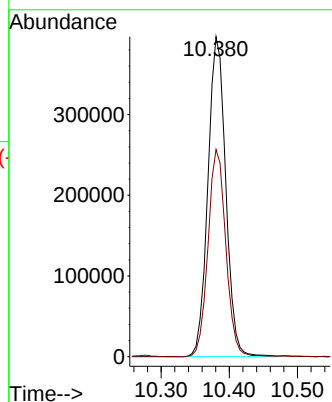
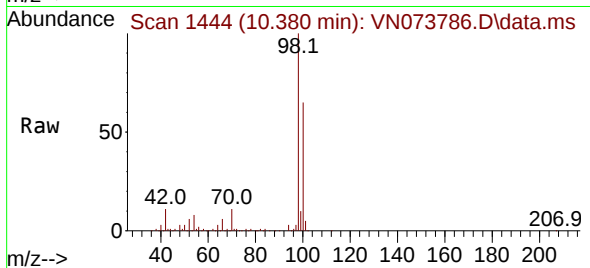




#50
Toluene-d8
Concen: 46.481 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

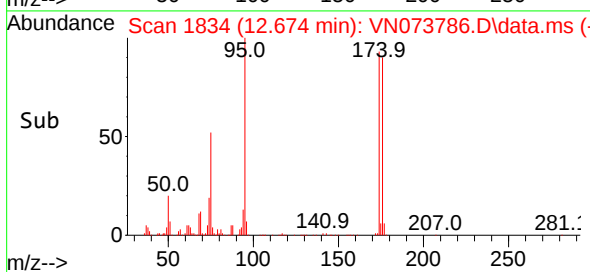
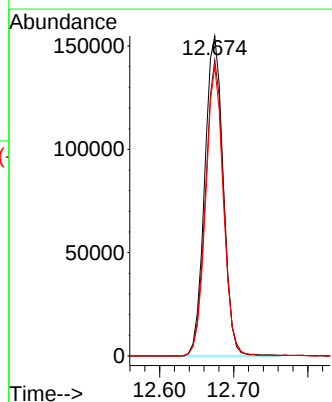
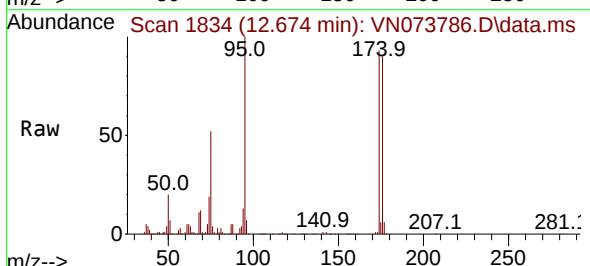
Instrument :
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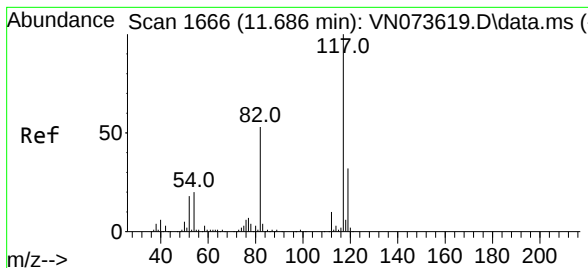
Tgt Ion: 98 Resp: 722154
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.278 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073786.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 95 Resp: 267484
Ion Ratio Lower Upper
95 100
174 91.2 0.0 167.6
176 86.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073786.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB146833ZHE#03

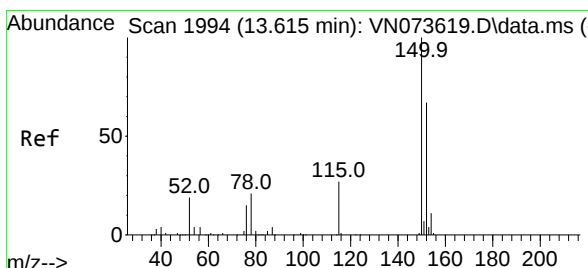
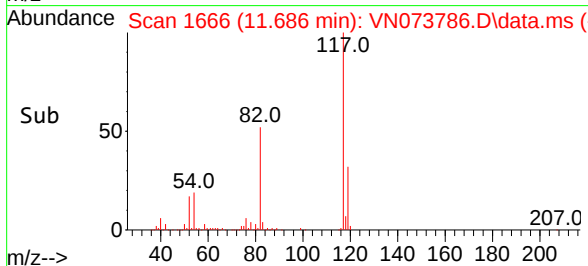
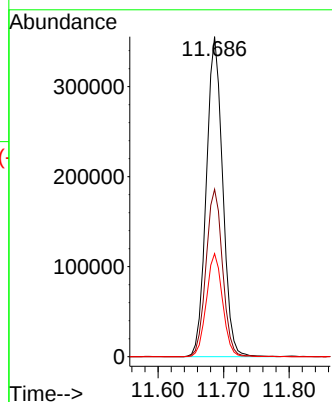
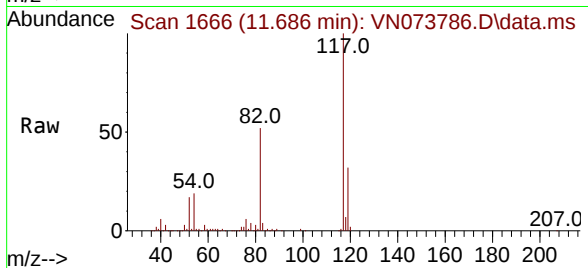
Tgt Ion:117 Resp: 615551

Ion Ratio Lower Upper

117 100

82 52.3 44.2 66.2

119 32.2 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: VN073786.D

Acq: 09 Aug 2022 13:47

Tgt Ion:152 Resp: 283491

Ion Ratio Lower Upper

152 100

115 55.9 28.9 86.7

150 156.8 0.0 356.2

