

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073648.D
 Acq On : 29 Jul 2022 20:40
 Operator : JC\MD
 Sample : N3920-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-07-27-2022

Quant Time: Aug 01 04:10:08 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)

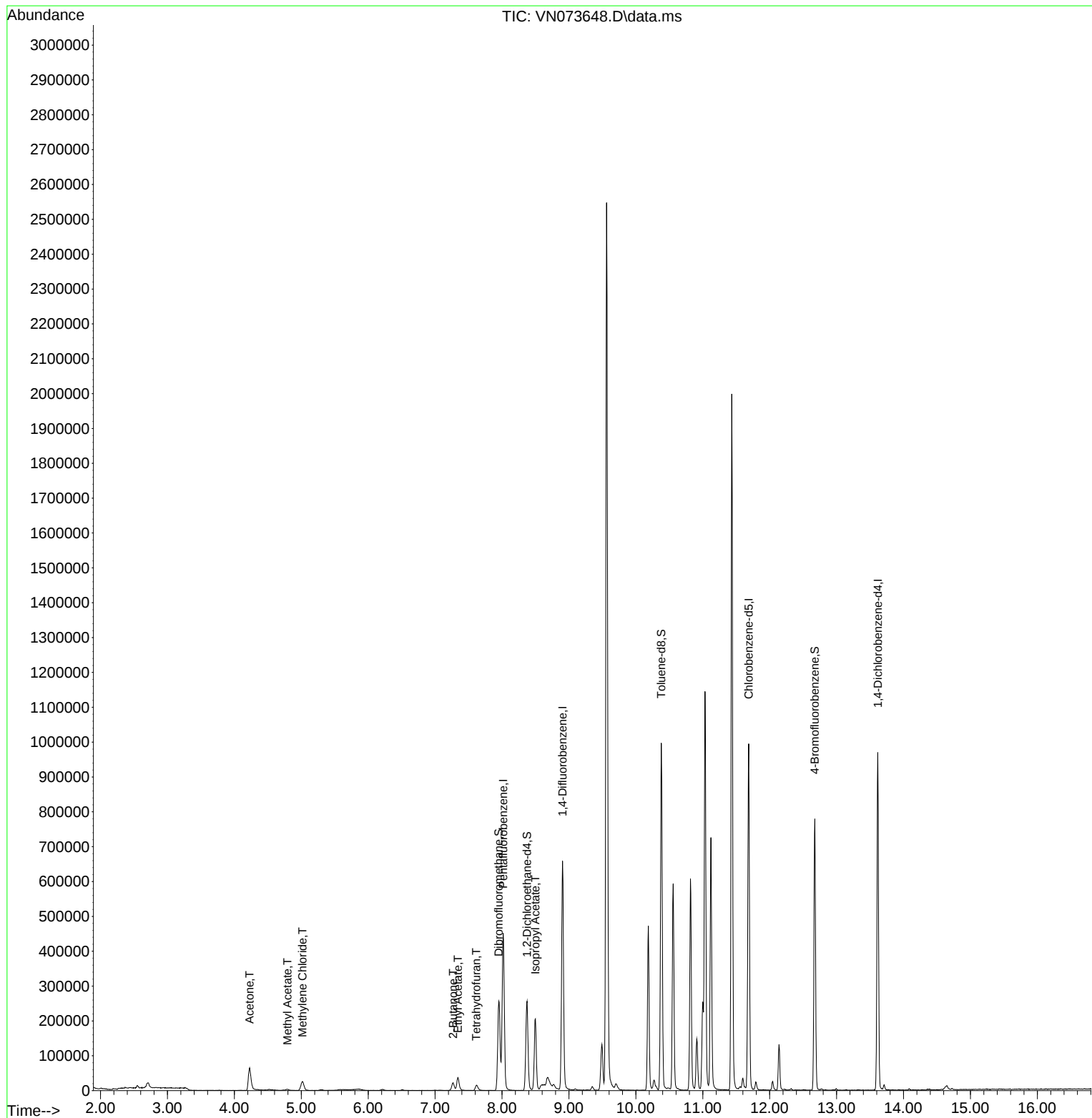
Internal Standards						
1) Pentafluorobenzene	8.016	168	361854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	589437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	592736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	268005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	214535	48.650	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.300%
35) Dibromofluoromethane	7.951	113	197364	53.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.640%
50) Toluene-d8	10.381	98	692391	47.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.675	95	254721	51.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.900%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	116715	49.277	ug/l	98
18) Methyl Acetate	4.793	43	6906	1.172	ug/l	94
20) Methylene Chloride	5.016	84	21829	3.654	ug/l	97
25) 2-Butanone	7.269	43	34084	9.266	ug/l	95
29) Tetrahydrofuran	7.616	42	12002	5.161	ug/l	97
37) Ethyl Acetate	7.340	43	59245	8.528	ug/l	97
43) Isopropyl Acetate	8.498	43	228104	24.309	ug/l #	92

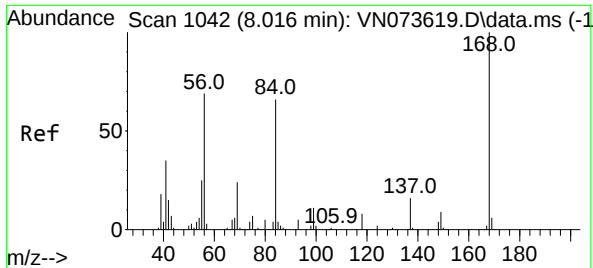
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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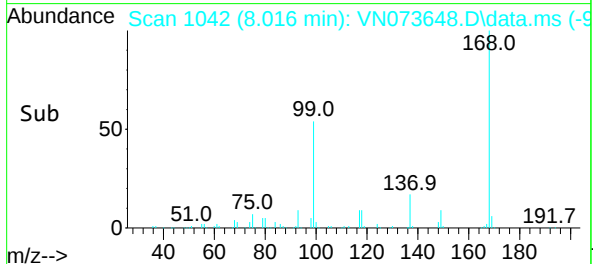
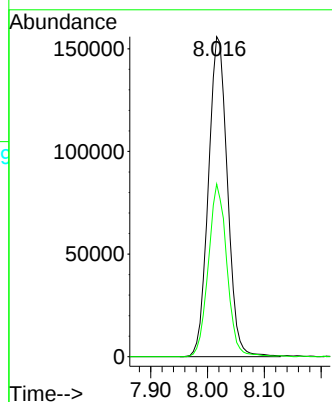
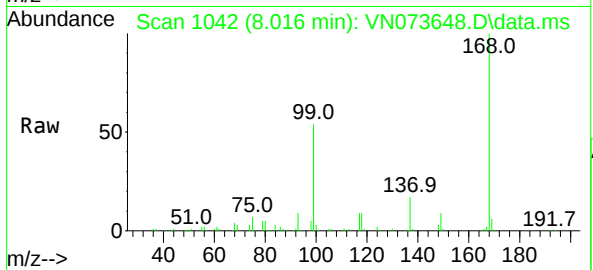




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

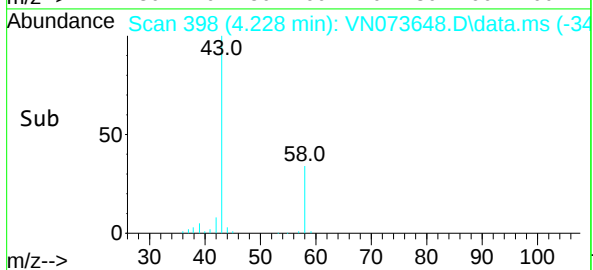
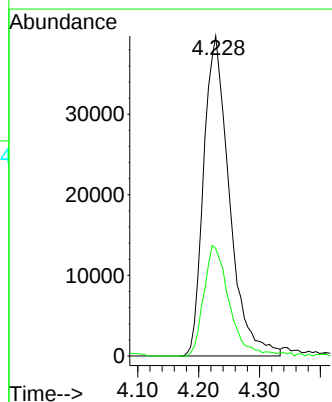
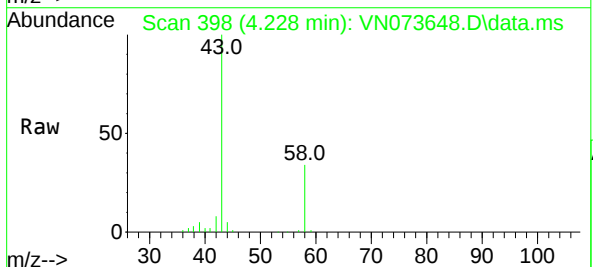
Instrument :
MSVOA_N
ClientSampleId :
PB-07-27-2022

Tgt Ion:168 Resp: 361854
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5



#16
Acetone
Concen: 49.277 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

Tgt Ion: 43 Resp: 116715
Ion Ratio Lower Upper
43 100
58 33.6 26.0 39.0

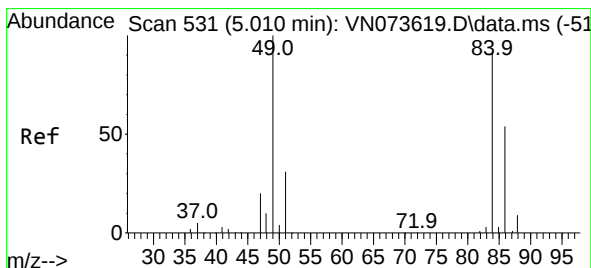
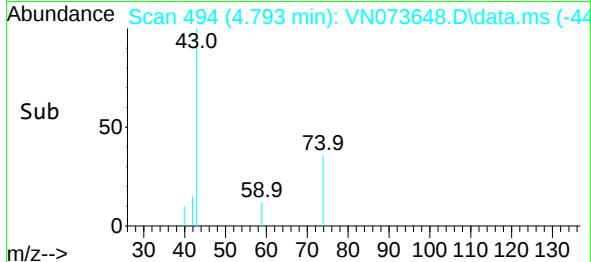
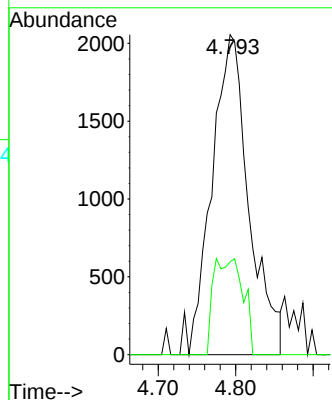
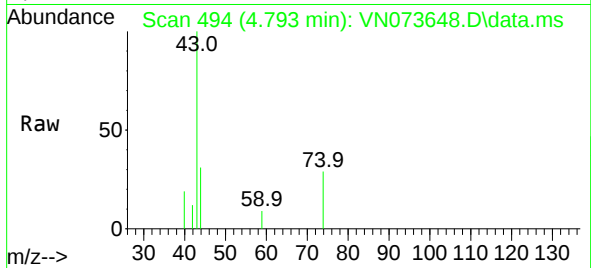




#18
Methyl Acetate
Concen: 1.172 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

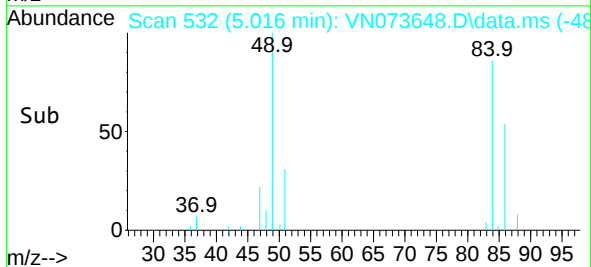
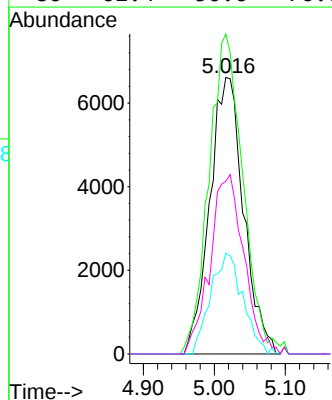
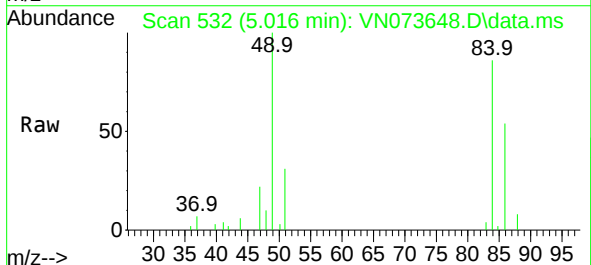
Instrument :
MSVOA_N
ClientSampleId :
PB-07-27-2022

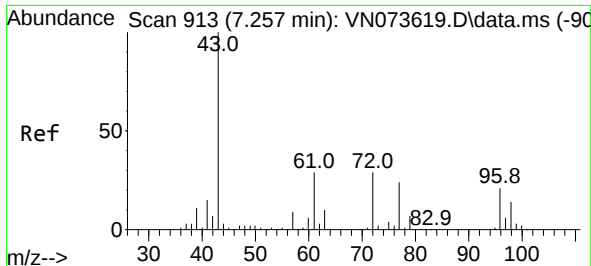
Tgt Ion: 43 Resp: 6906
Ion Ratio Lower Upper
43 100
74 23.7 21.6 32.4



#20
Methylene Chloride
Concen: 3.654 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

Tgt Ion: 84 Resp: 21829
Ion Ratio Lower Upper
84 100
49 115.7 88.3 132.5
51 36.4 28.2 42.2
86 62.4 50.6 76.0

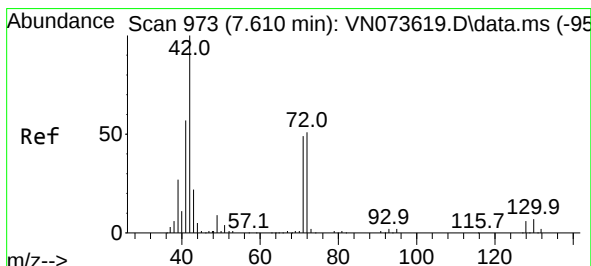
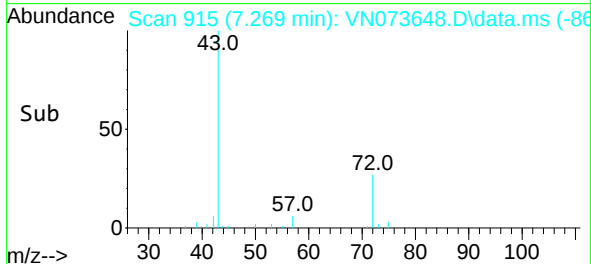
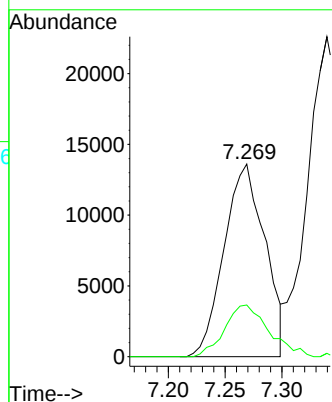
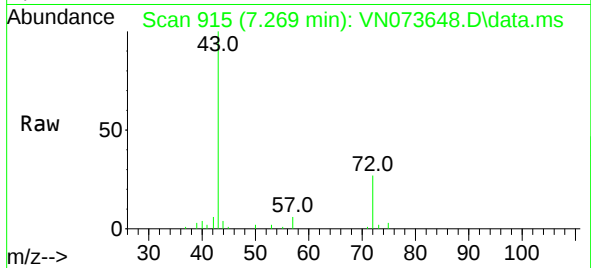




#25
2-Butanone
Concen: 9.266 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

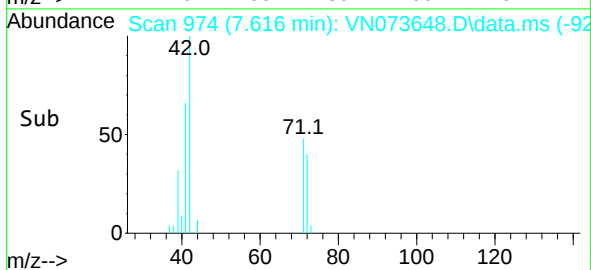
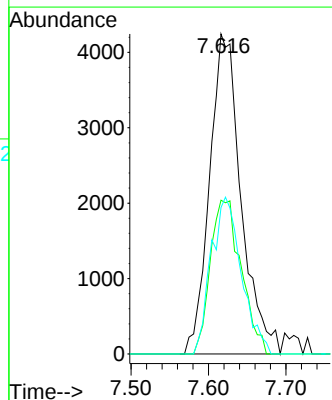
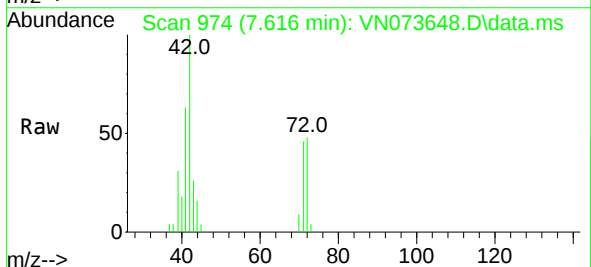
Instrument :
MSVOA_N
ClientSampleId :
PB-07-27-2022

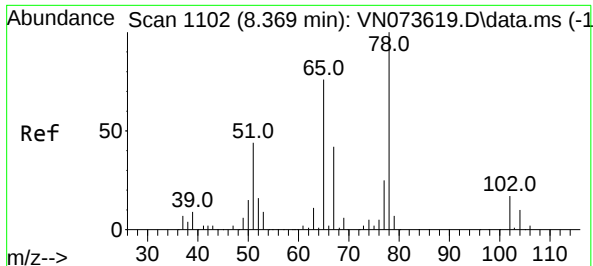
Tgt Ion: 43 Resp: 34084
Ion Ratio Lower Upper
43 100
72 26.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 5.161 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

Tgt Ion: 42 Resp: 12002
Ion Ratio Lower Upper
42 100
72 47.2 39.7 59.5
71 47.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.650 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073648.D

Acq: 29 Jul 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

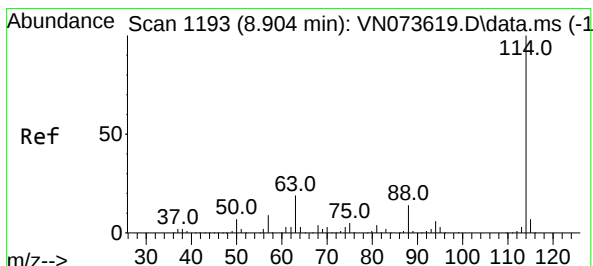
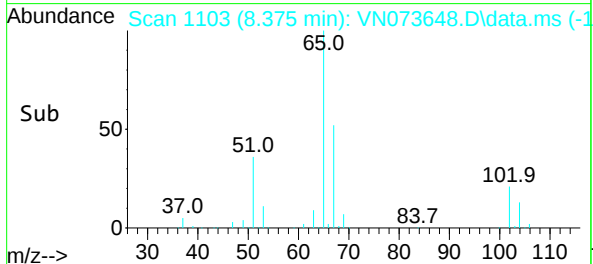
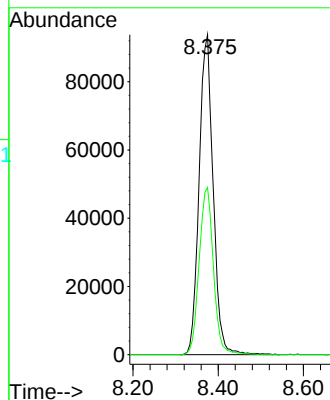
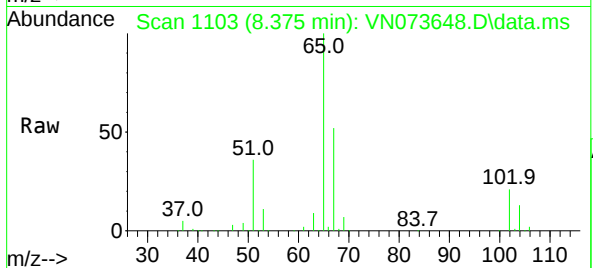
PB-07-27-2022

Tgt Ion: 65 Resp: 214535

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: VN073648.D

Acq: 29 Jul 2022 20:40

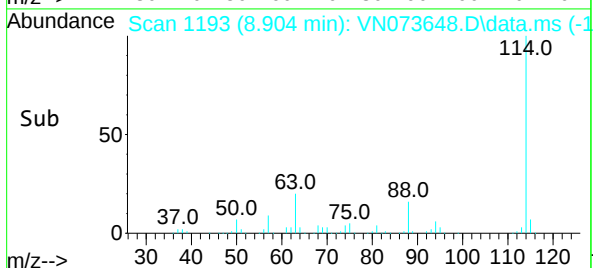
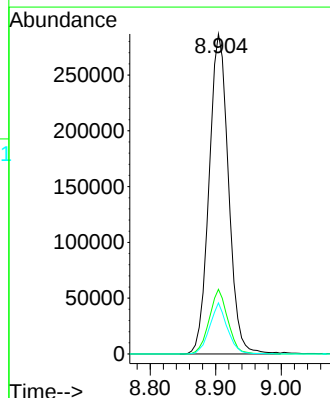
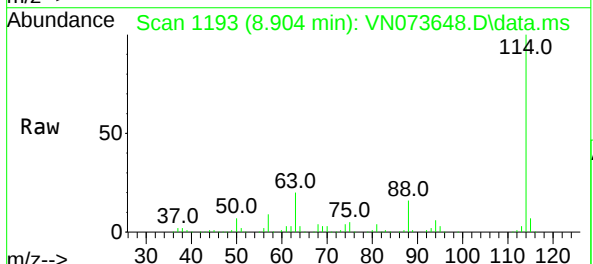
Tgt Ion: 114 Resp: 589437

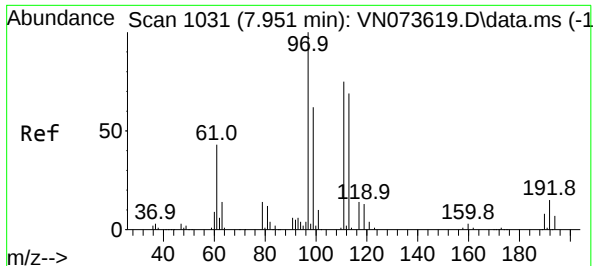
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.323 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073648.D

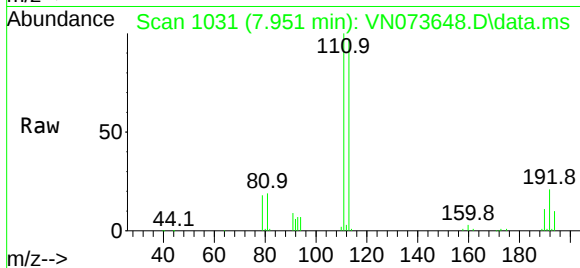
Acq: 29 Jul 2022 20:40

Instrument :

MSVOA_N

ClientSampleId :

PB-07-27-2022



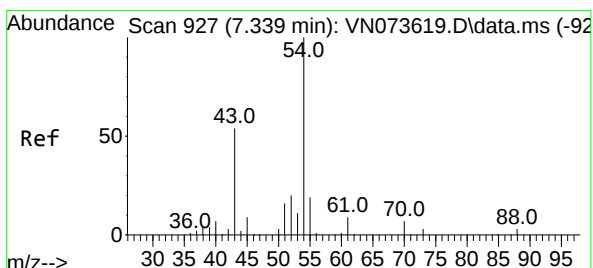
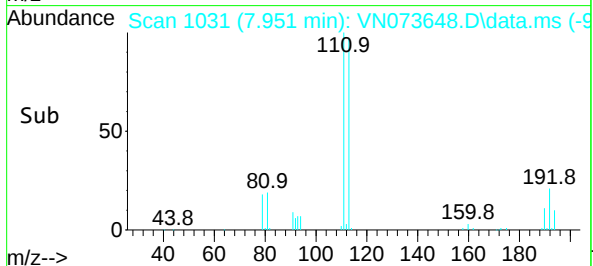
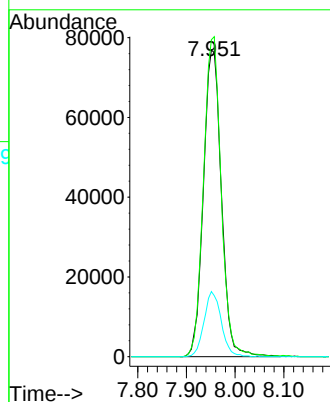
Tgt Ion:113 Resp: 197364

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 20.3 17.0 25.6



#37

Ethyl Acetate

Concen: 8.528 ug/l

RT: 7.340 min Scan# 927

Delta R.T. 0.000 min

Lab File: VN073648.D

Acq: 29 Jul 2022 20:40

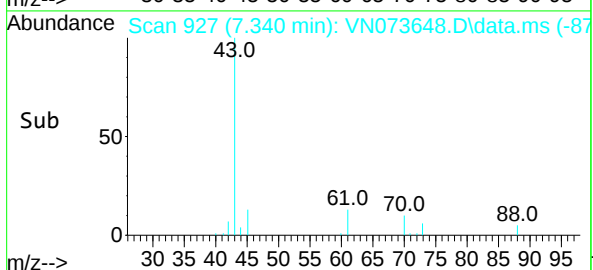
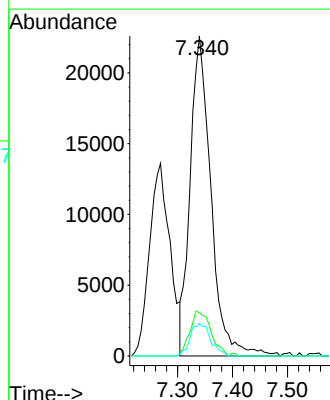
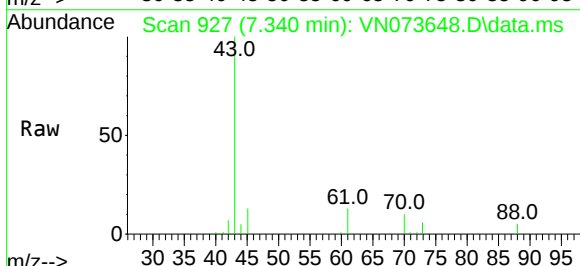
Tgt Ion: 43 Resp: 59245

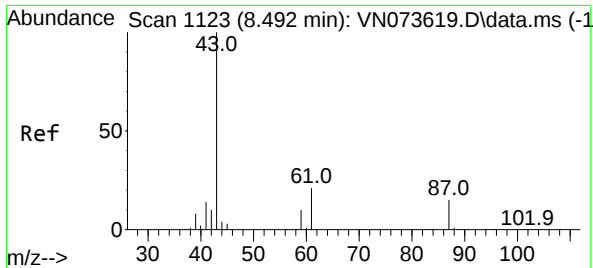
Ion Ratio Lower Upper

43 100

61 14.1 11.8 17.6

70 10.0 9.3 13.9

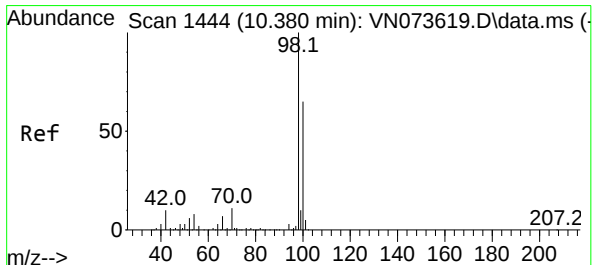
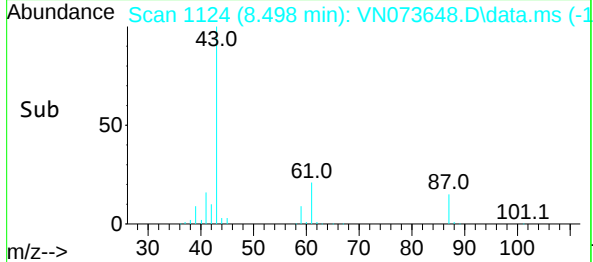
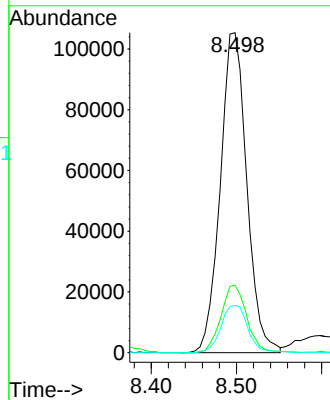
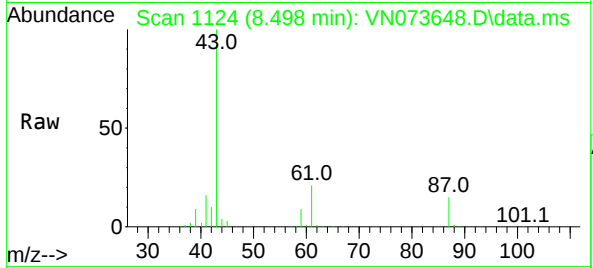




#43
Isopropyl Acetate
Concen: 24.309 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

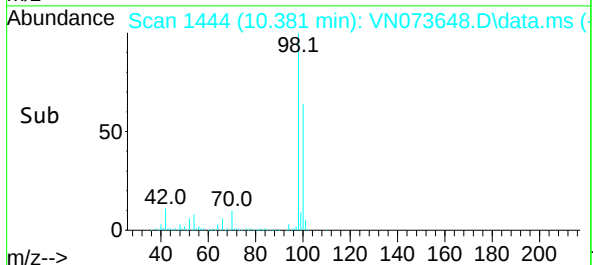
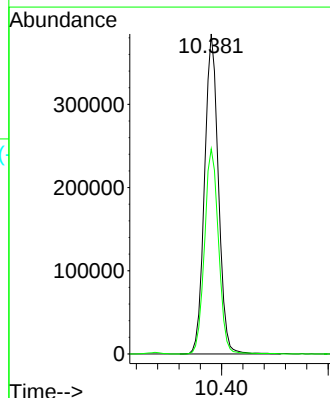
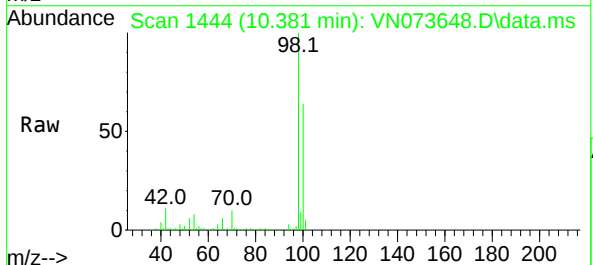
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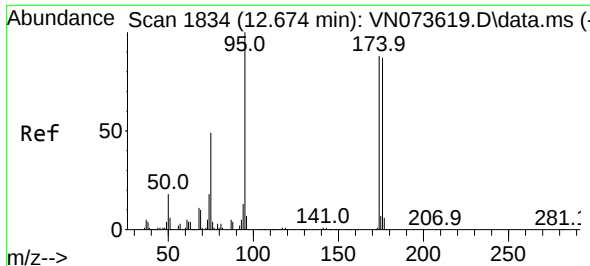
Tgt Ion: 43 Resp: 228104
Ion Ratio Lower Upper
43 100
61 20.7 21.9 32.9#
87 15.0 12.0 18.0



#50
Toluene-d8
Concen: 47.538 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

Tgt Ion: 98 Resp: 692391
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

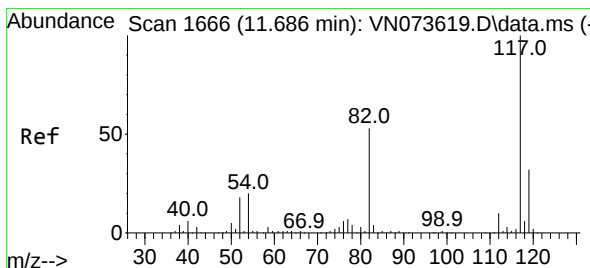
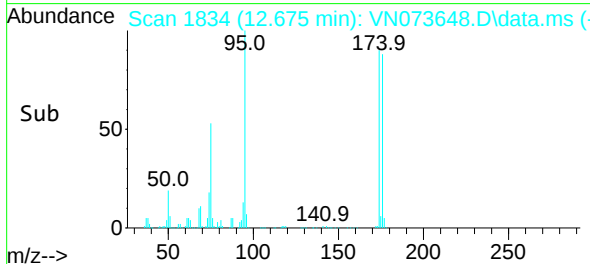
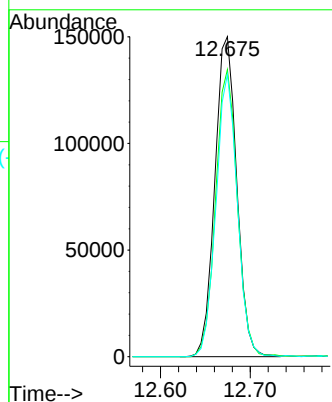
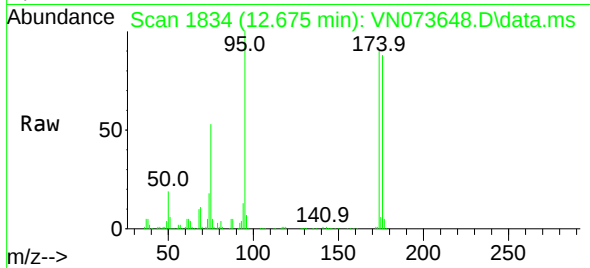




#62
4-Bromofluorobenzene
Concen: 51.952 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

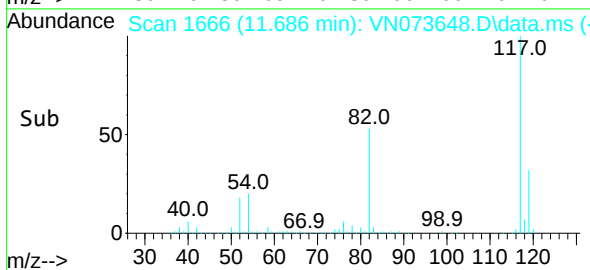
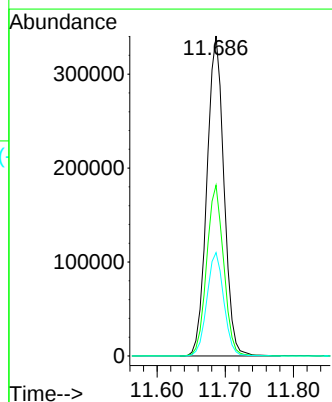
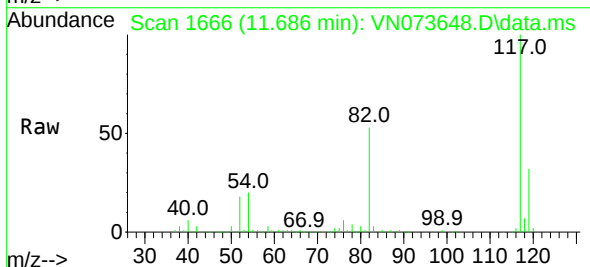
Instrument :
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PB-07-27-2022

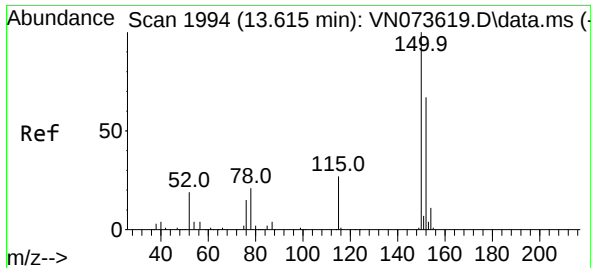
Tgt Ion: 95 Resp: 254721
Ion Ratio Lower Upper
95 100
174 88.7 0.0 167.6
176 85.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073648.D
Acq: 29 Jul 2022 20:40

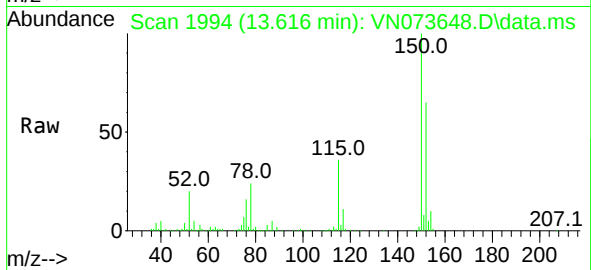
Tgt Ion: 117 Resp: 592736
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073648.D
 Acq: 29 Jul 2022 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB-07-27-2022



Tgt Ion:152 Resp: 268005

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.9	86.7
150	156.7	0.0	356.2

