

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073641.D
 Acq On : 29 Jul 2022 17:48
 Operator : JC\MD
 Sample : PB146545ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146545ZHE#02

Quant Time: Aug 01 04:07:19 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)

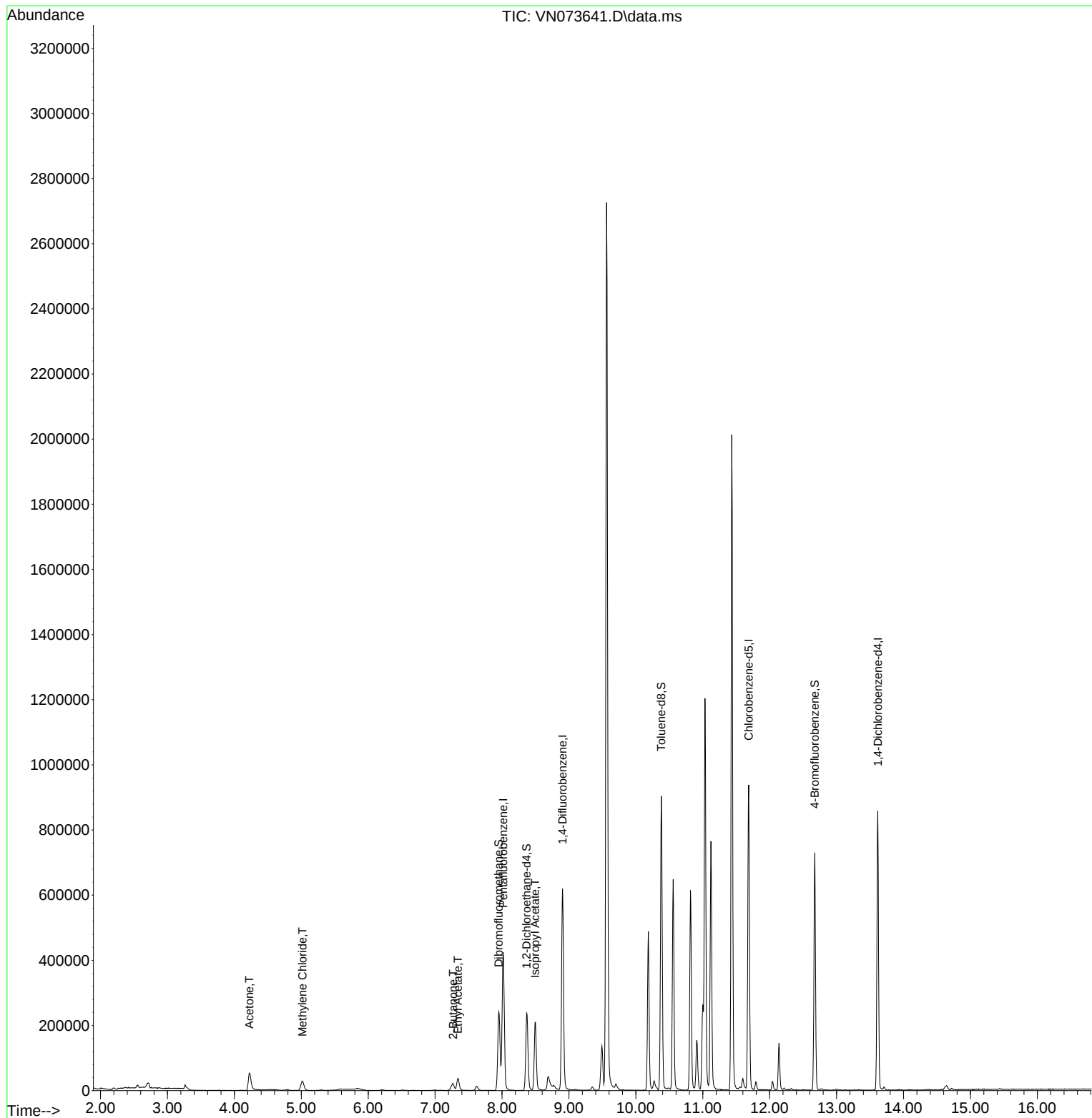
Internal Standards						
1) Pentafluorobenzene	8.016	168	345883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	560729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	559615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	239803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196704	46.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.340%
35) Dibromofluoromethane	7.951	113	180629	51.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	10.381	98	631732	45.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.675	95	230260	49.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.560%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	98829	43.653	ug/l	97
20) Methylene Chloride	5.016	84	25144	4.876	ug/l	91
25) 2-Butanone	7.269	43	30825	8.767	ug/l	98
37) Ethyl Acetate	7.340	43	59848	9.056	ug/l	99
43) Isopropyl Acetate	8.492	43	236614	26.507	ug/l #	92

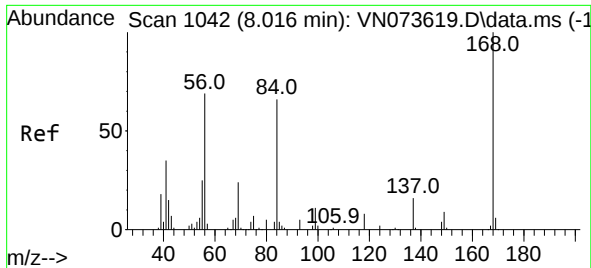
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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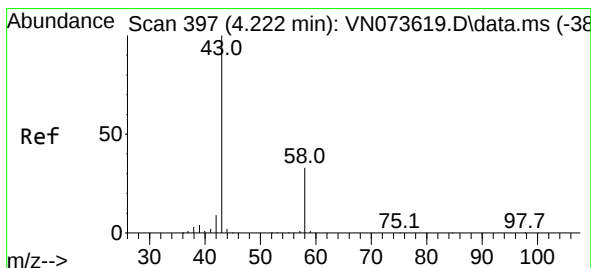
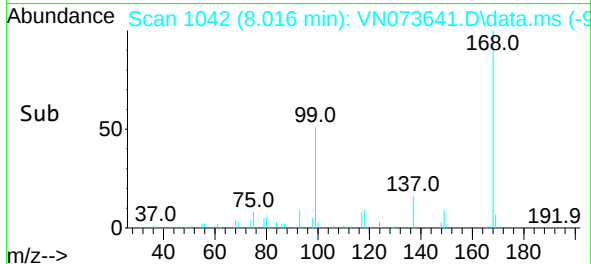
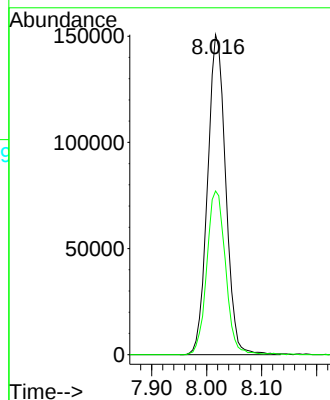
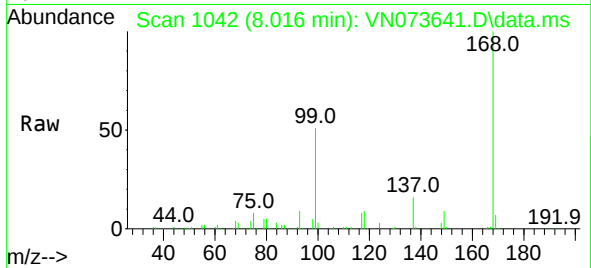




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

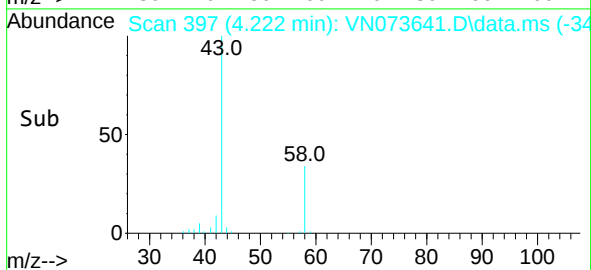
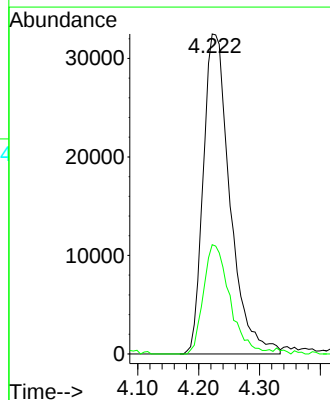
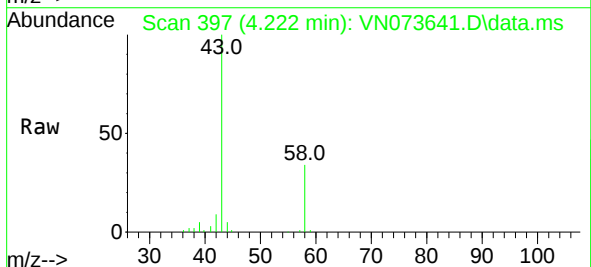
Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#02

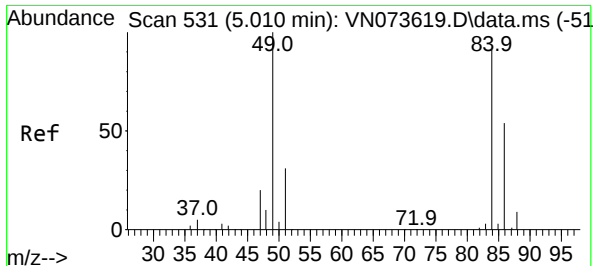
Tgt Ion:168 Resp: 345883
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#16
Acetone
Concen: 43.653 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

Tgt Ion: 43 Resp: 98829
Ion Ratio Lower Upper
43 100
58 34.2 26.0 39.0

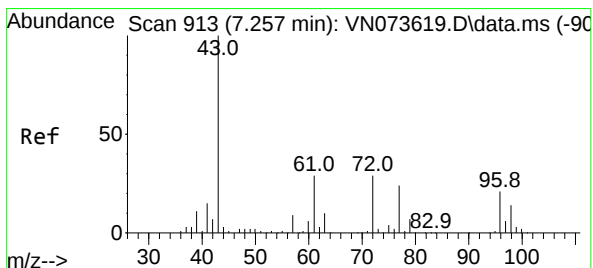
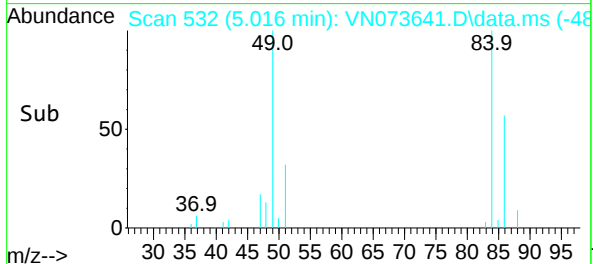
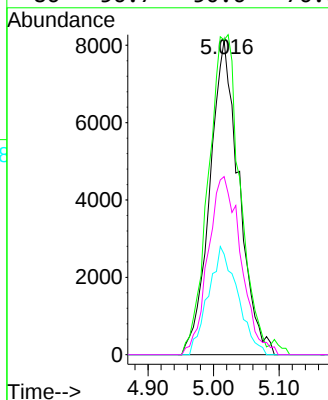
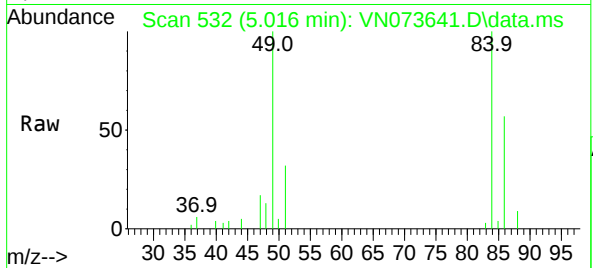




#20
Methylene Chloride
Concen: 4.876 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

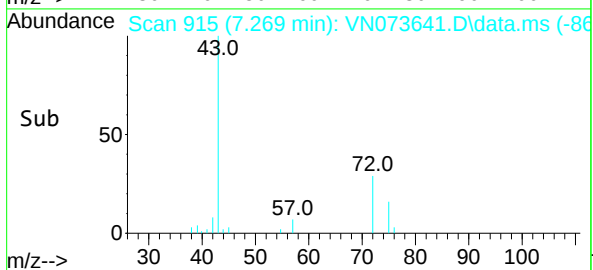
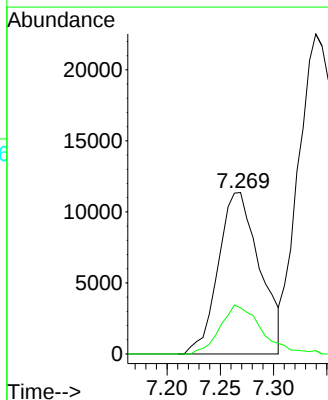
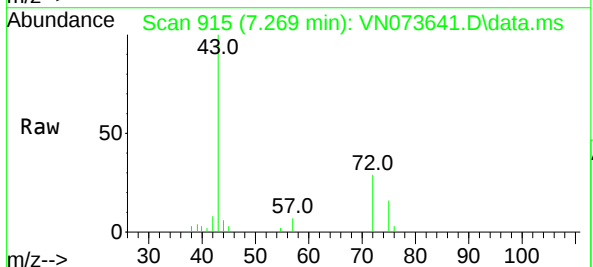
Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#02

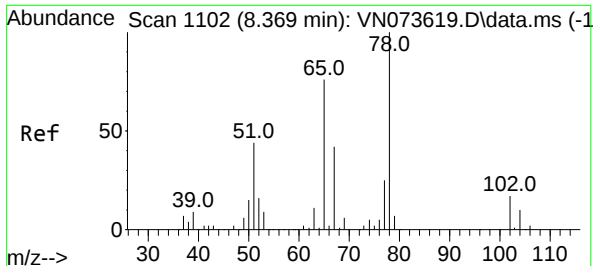
Tgt Ion: 84	Resp: 25144
Ion Ratio	Lower Upper
84 100	
49 100.1	88.3 132.5
51 31.9	28.2 42.2
86 56.7	50.6 76.0



#25
2-Butanone
Concen: 8.767 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

Tgt Ion: 43	Resp: 30825
Ion Ratio	Lower Upper
43 100	
72 28.5	23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 46.666 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073641.D

Acq: 29 Jul 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

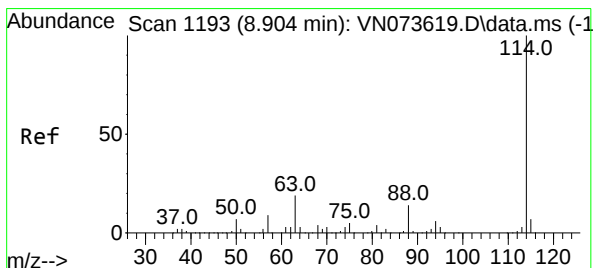
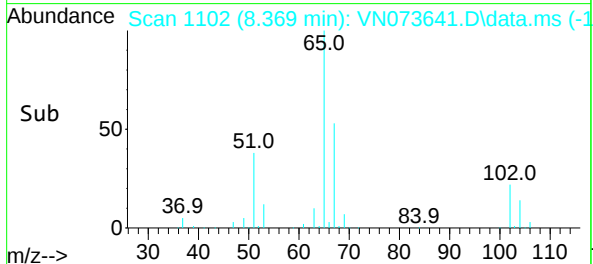
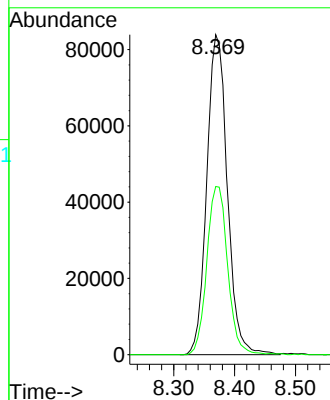
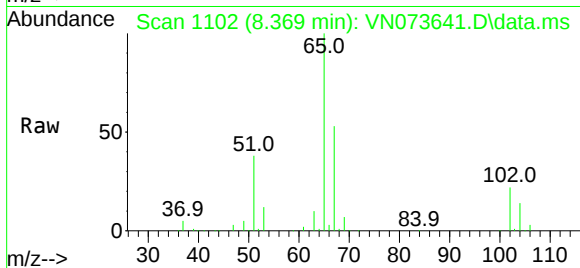
PB146545ZHE#02

Tgt Ion: 65 Resp: 196704

Ion Ratio Lower Upper

65 100

67 53.4 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: VN073641.D

Acq: 29 Jul 2022 17:48

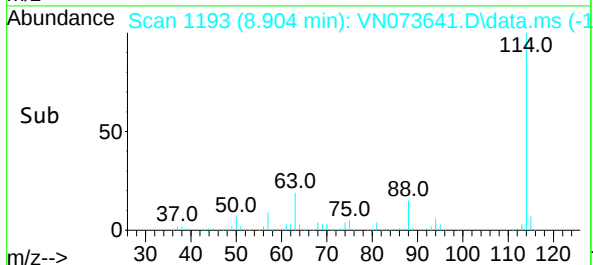
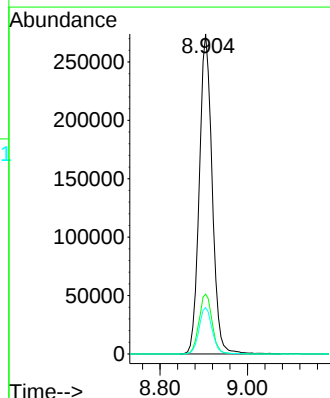
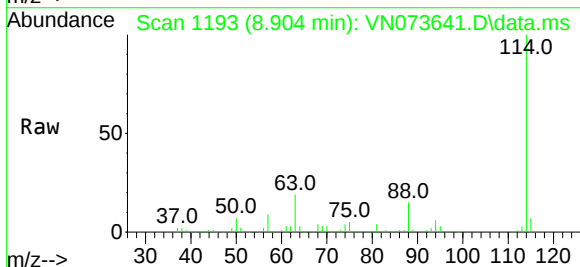
Tgt Ion: 114 Resp: 560729

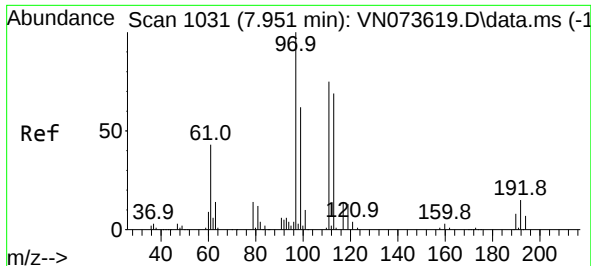
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 14.5 0.0 32.6

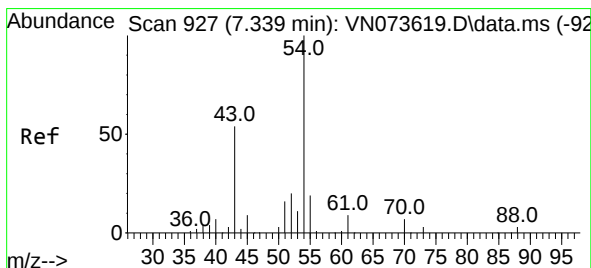
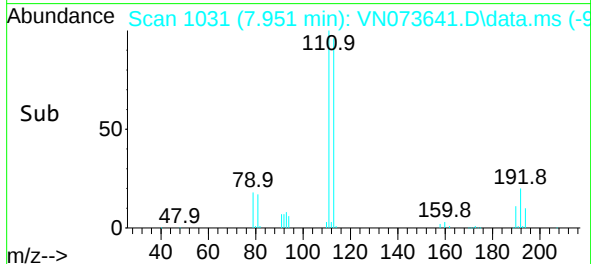
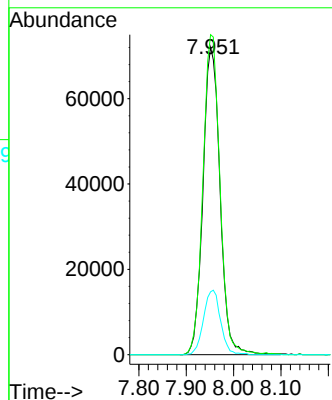
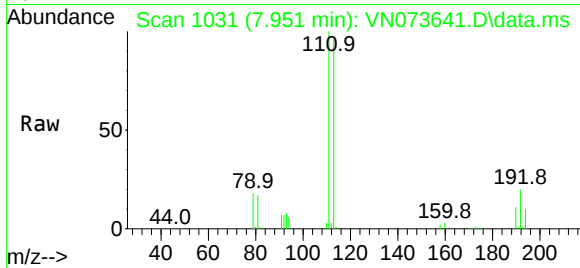




#35
Dibromofluoromethane
Concen: 51.300 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

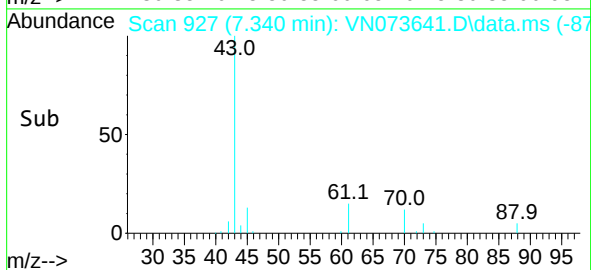
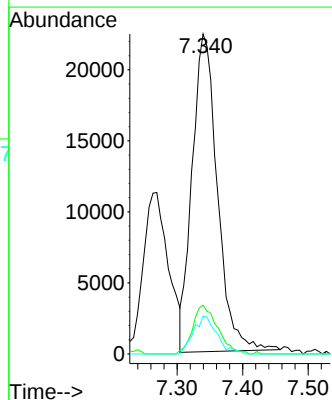
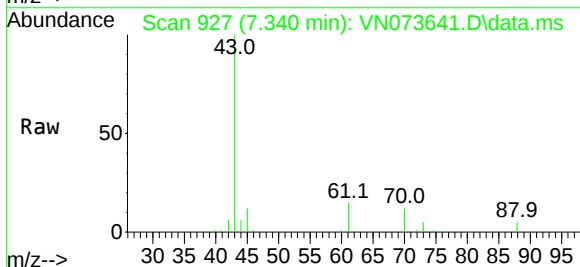
Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#02

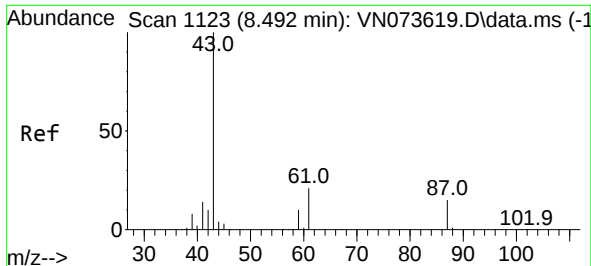
Tgt Ion:113 Resp: 180629
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 20.9 17.0 25.6



#37
Ethyl Acetate
Concen: 9.056 ug/l
RT: 7.340 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

Tgt Ion: 43 Resp: 59848
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 11.2 9.3 13.9

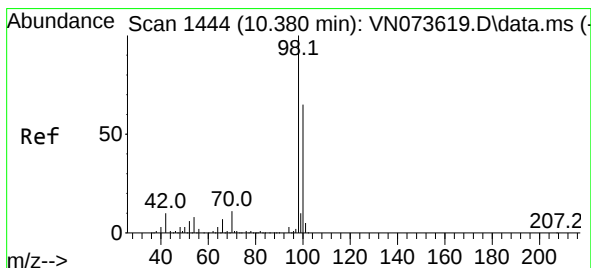
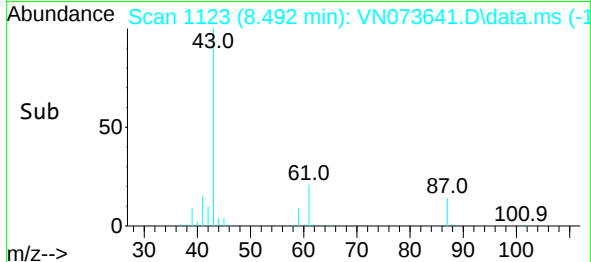
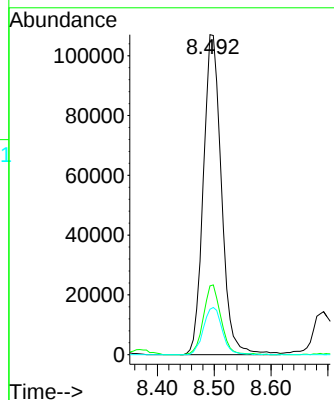
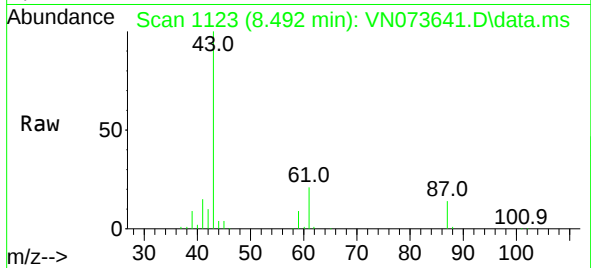




#43
Isopropyl Acetate
Concen: 26.507 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

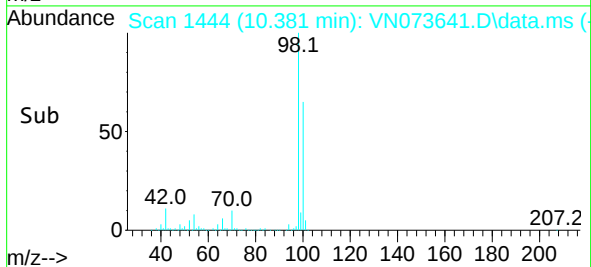
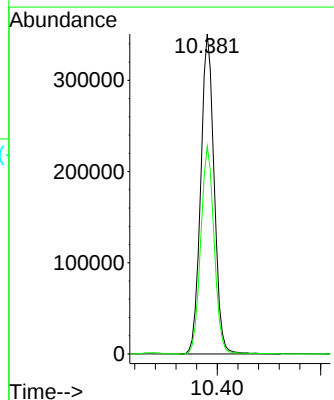
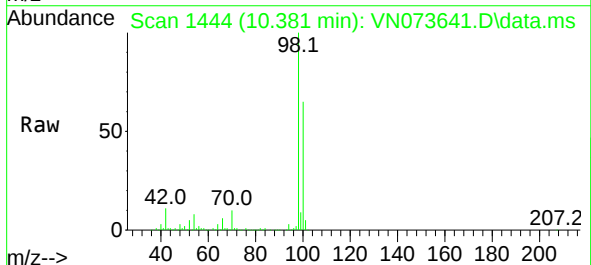
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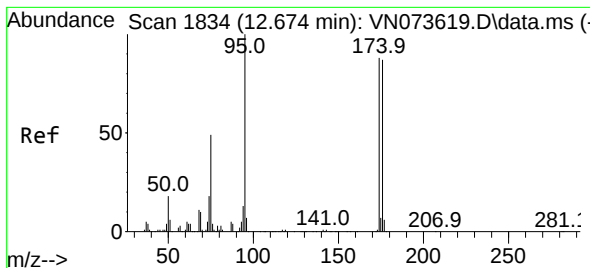
Tgt Ion: 43 Resp: 236614
Ion Ratio Lower Upper
43 100
61 21.2 21.9 32.9#
87 15.2 12.0 18.0



#50
Toluene-d8
Concen: 45.594 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

Tgt Ion: 98 Resp: 631732
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

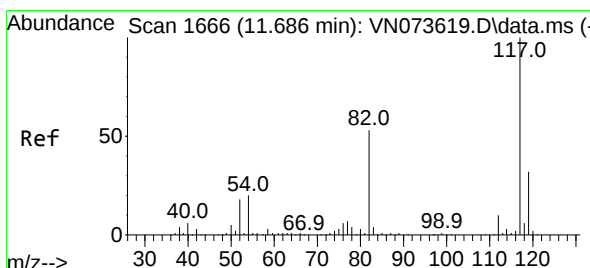
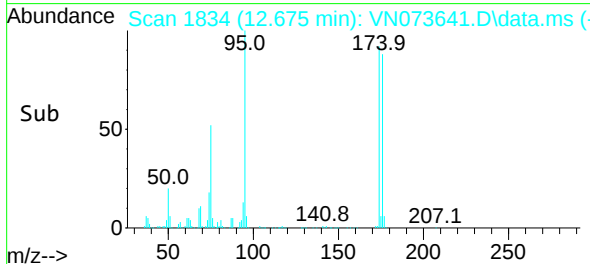
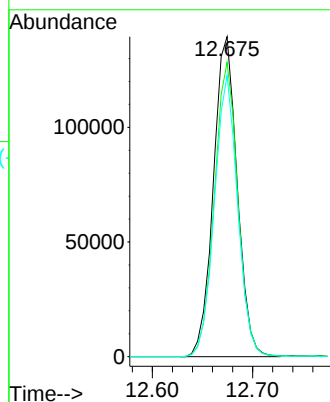
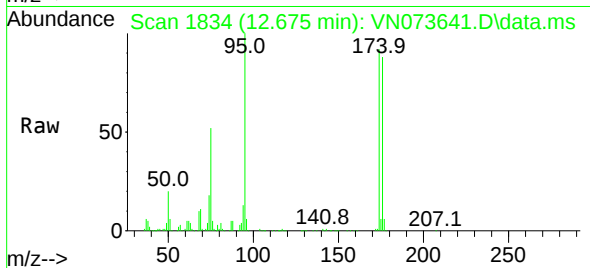




#62
4-Bromofluorobenzene
Concen: 49.783 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

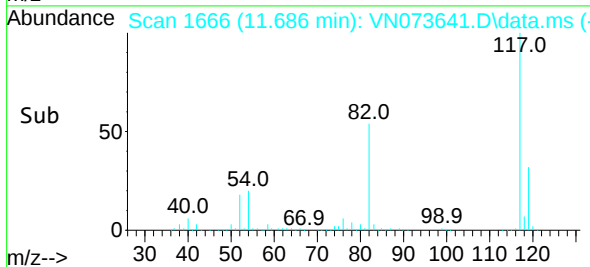
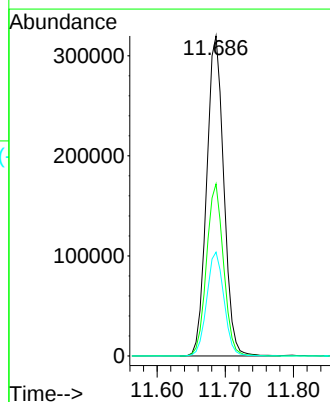
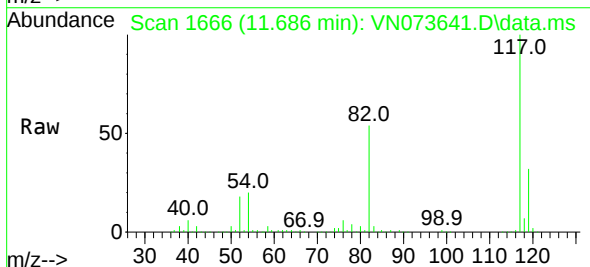
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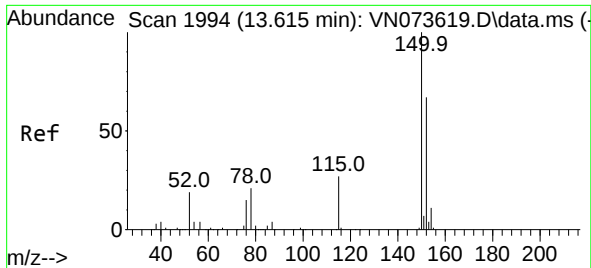
Tgt Ion: 95 Resp: 230260
Ion Ratio Lower Upper
95 100
174 90.6 0.0 167.6
176 85.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073641.D
Acq: 29 Jul 2022 17:48

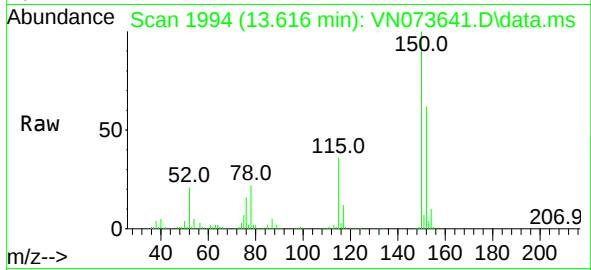
Tgt Ion: 117 Resp: 559615
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073641.D
 Acq: 29 Jul 2022 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146545ZHE#02



Tgt Ion:152 Resp: 239803

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.9	86.7
150	159.3	0.0	356.2

