

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073642.D
 Acq On : 29 Jul 2022 18:12
 Operator : JC\MD
 Sample : PB146545ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146545ZHE#03

Quant Time: Aug 01 04:07:46 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)

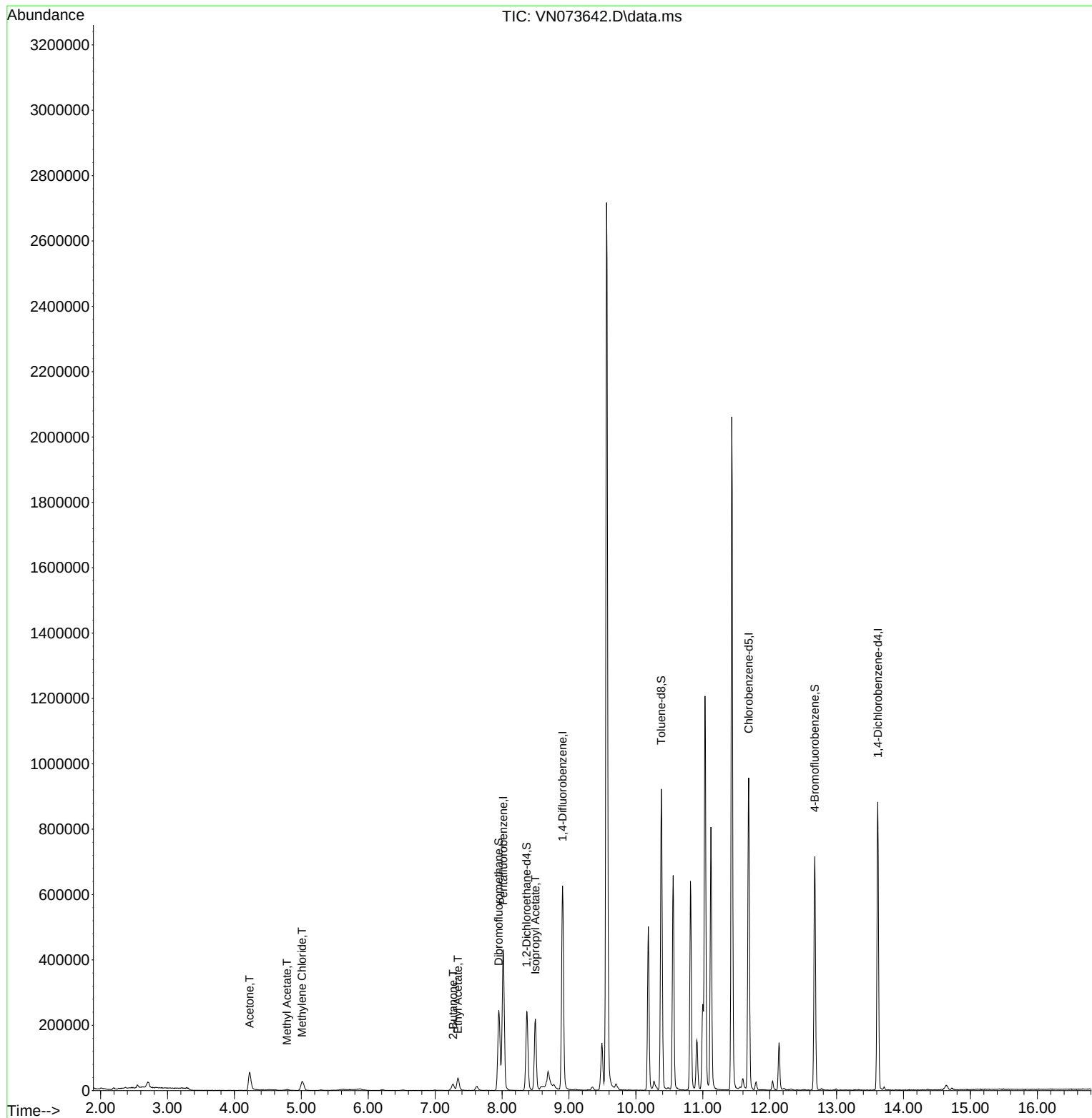
Internal Standards						
1) Pentafluorobenzene	8.016	168	342945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	572098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	564374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	249365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196507	47.019	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	94.040%	
35) Dibromofluoromethane	7.951	113	183110	50.971	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.940%	
50) Toluene-d8	10.380	98	636166	45.001	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	90.000%	
62) 4-Bromofluorobenzene	12.674	95	236757	50.108	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	102331	45.587	ug/l	97
18) Methyl Acetate	4.787	43	6671	1.195	ug/l #	72
20) Methylene Chloride	5.010	84	24201	4.666	ug/l	96
25) 2-Butanone	7.269	43	27821	7.981	ug/l	90
37) Ethyl Acetate	7.339	43	62886	9.326	ug/l	98
43) Isopropyl Acetate	8.498	43	237673	26.096	ug/l #	92

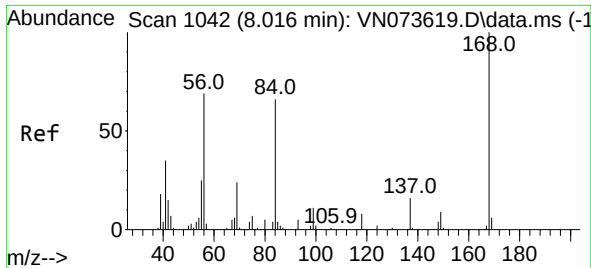
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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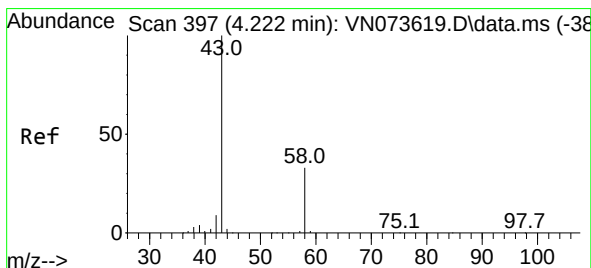
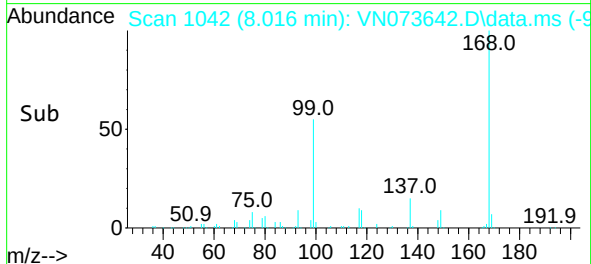
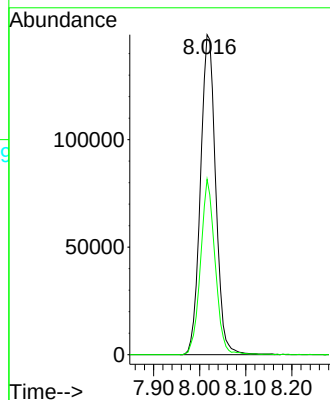
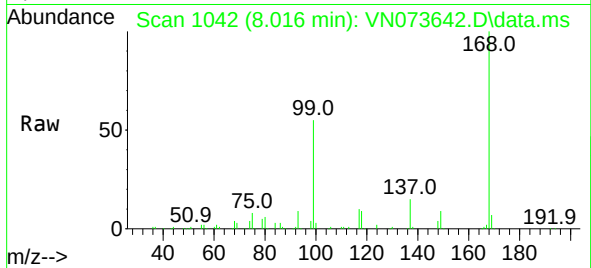




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073642.D
Acq: 29 Jul 2022 18:12

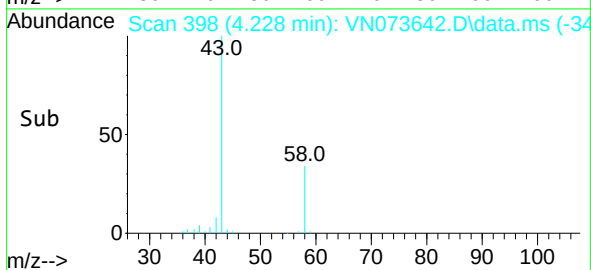
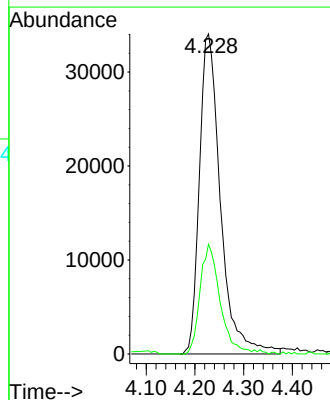
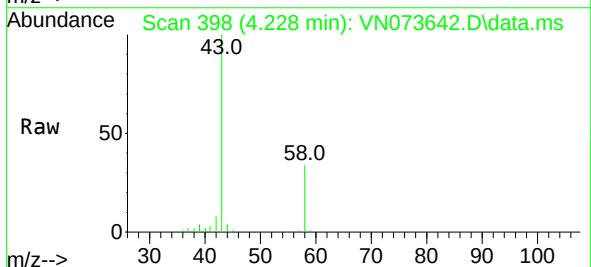
Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#03

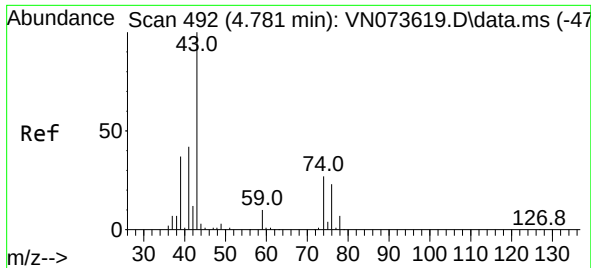
Tgt Ion:168 Resp: 342945
Ion Ratio Lower Upper
168 100
99 54.8 42.3 63.5



#16
Acetone
Concen: 45.587 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073642.D
Acq: 29 Jul 2022 18:12

Tgt Ion: 43 Resp: 102331
Ion Ratio Lower Upper
43 100
58 34.3 26.0 39.0

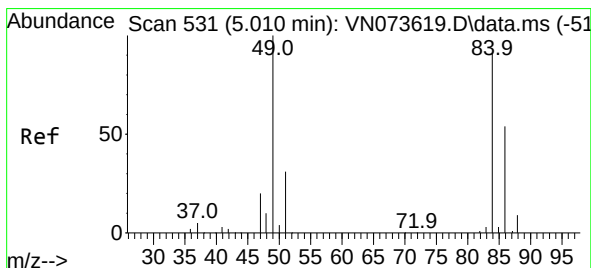
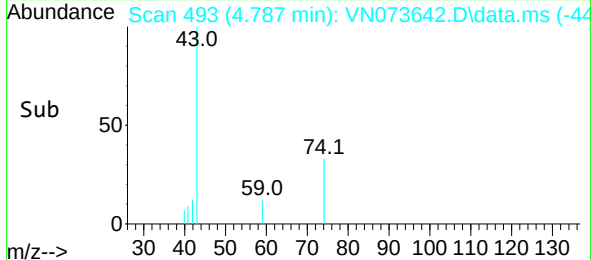
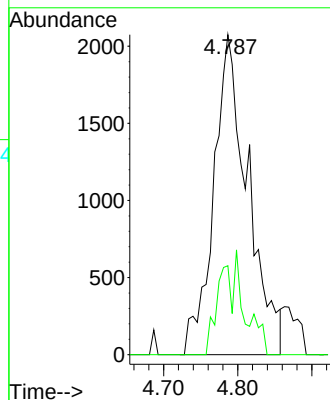
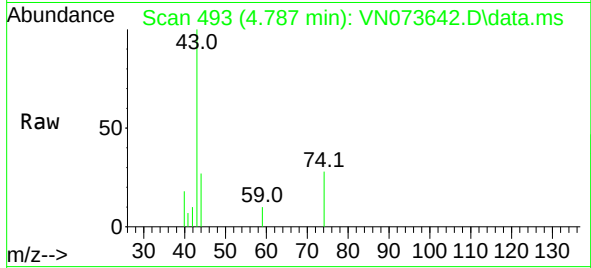




#18
Methyl Acetate
Concen: 1.195 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073642.D
Acq: 29 Jul 2022 18:12

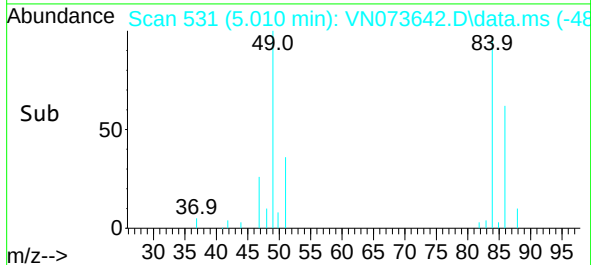
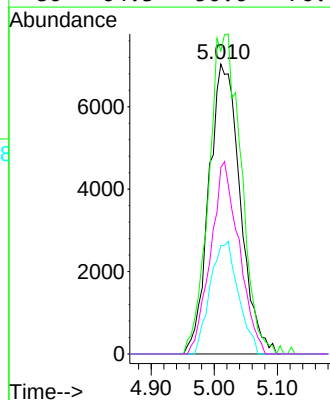
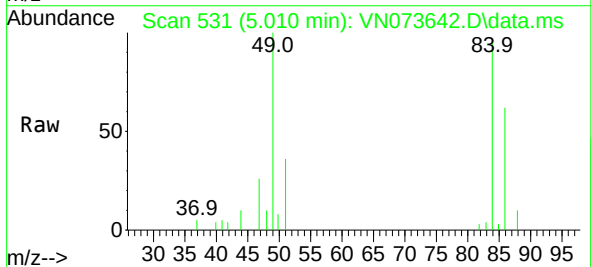
Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#03

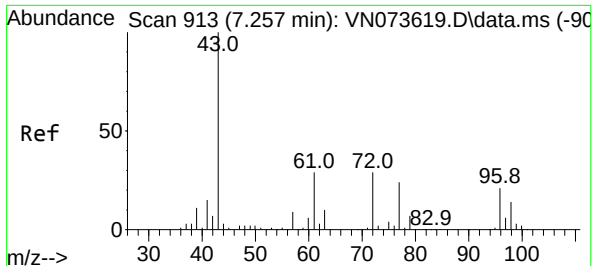
Tgt Ion: 43 Resp: 6671
Ion Ratio Lower Upper
43 100
74 12.3 21.6 32.4#



#20
Methylene Chloride
Concen: 4.666 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073642.D
Acq: 29 Jul 2022 18:12

Tgt Ion: 84 Resp: 24201
Ion Ratio Lower Upper
84 100
49 104.5 88.3 132.5
51 37.5 28.2 42.2
86 64.3 50.6 76.0





#25

2-Butanone

Concen: 7.981 ug/l

RT: 7.269 min Scan# 913

Delta R.T. 0.012 min

Lab File: VN073642.D

Acq: 29 Jul 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

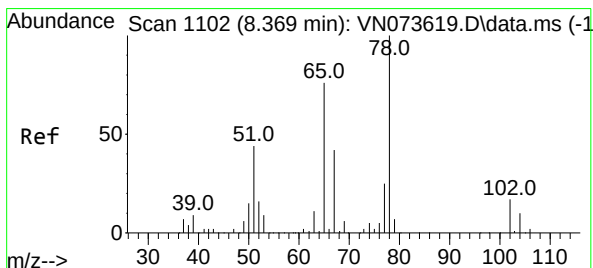
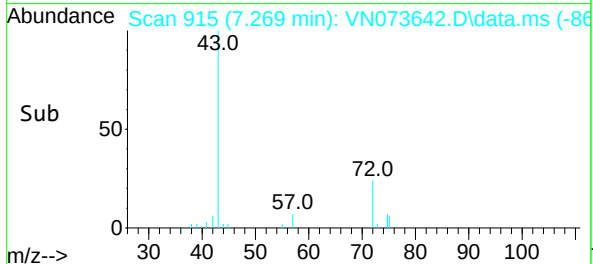
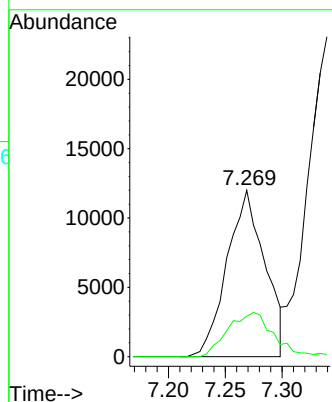
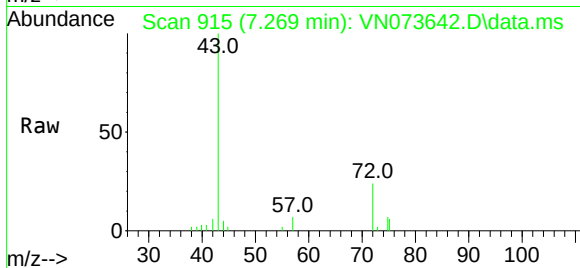
PB146545ZHE#03

Tgt Ion: 43 Resp: 27821

Ion Ratio Lower Upper

43 100

72 24.4 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 47.019 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073642.D

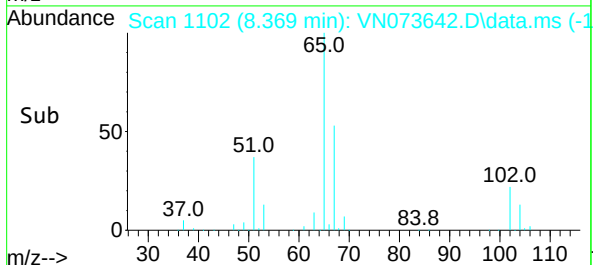
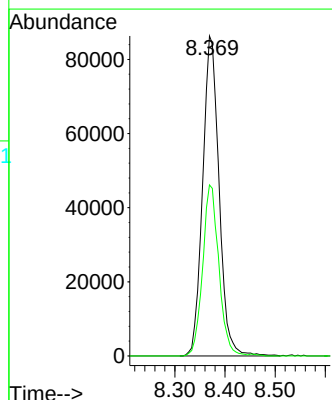
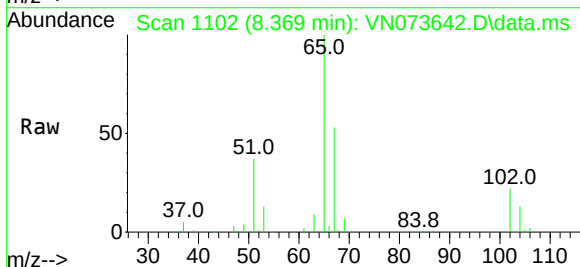
Acq: 29 Jul 2022 18:12

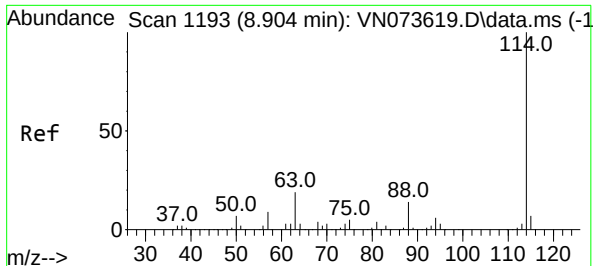
Tgt Ion: 65 Resp: 196507

Ion Ratio Lower Upper

65 100

67 52.6 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: VN073642.D

Acq: 29 Jul 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

PB146545ZHE#03

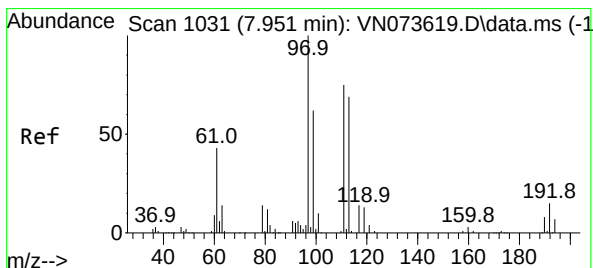
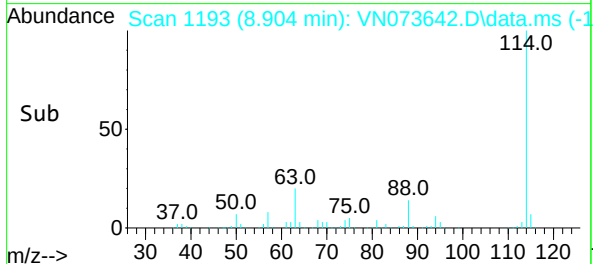
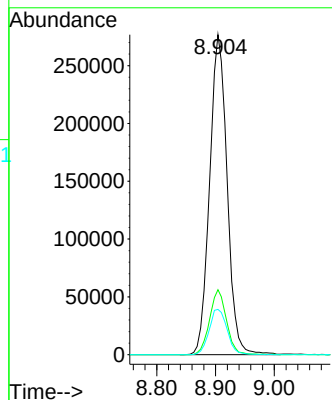
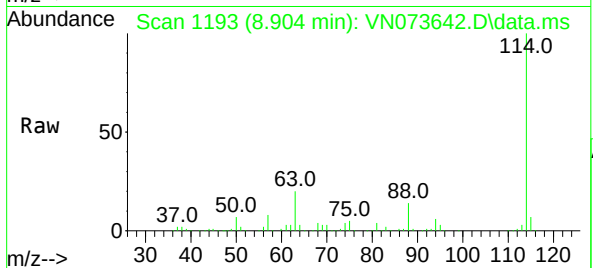
Tgt Ion:114 Resp: 572098

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.971 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073642.D

Acq: 29 Jul 2022 18:12

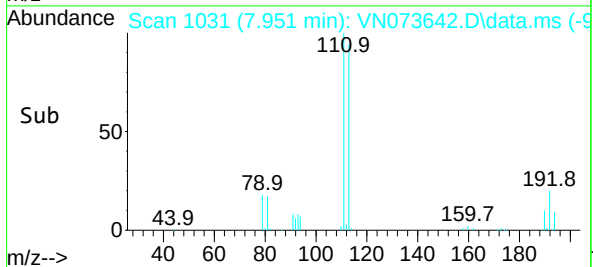
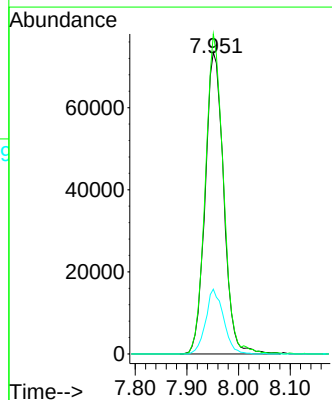
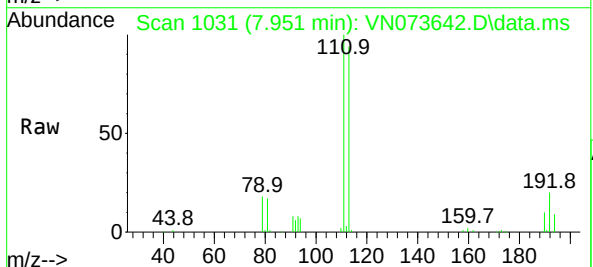
Tgt Ion:113 Resp: 183110

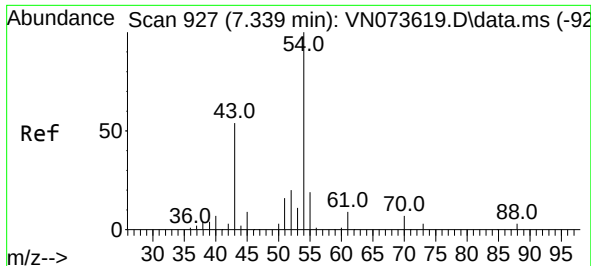
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 20.6 17.0 25.6





#37

Ethyl Acetate

Concen: 9.326 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073642.D

Acq: 29 Jul 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

PB146545ZHE#03

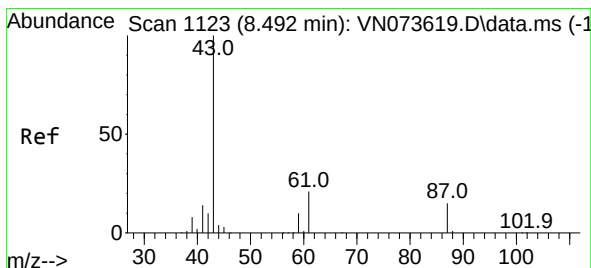
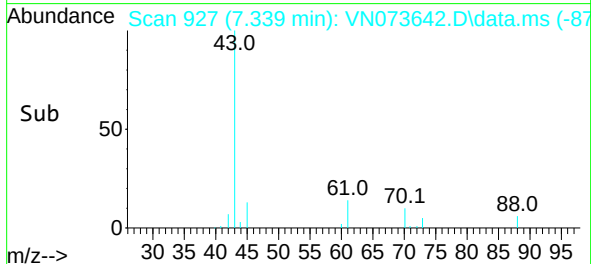
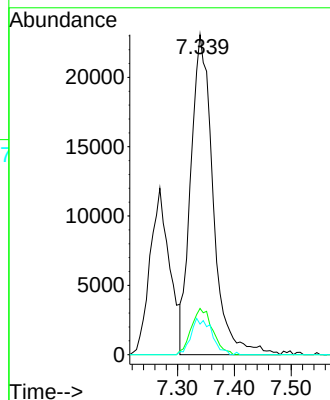
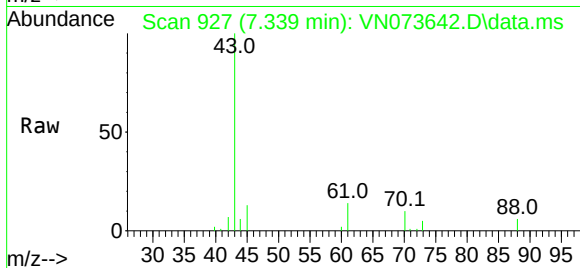
Tgt Ion: 43 Resp: 62886

Ion Ratio Lower Upper

43 100

61 13.8 11.8 17.6

70 10.5 9.3 13.9



#43

Isopropyl Acetate

Concen: 26.096 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073642.D

Acq: 29 Jul 2022 18:12

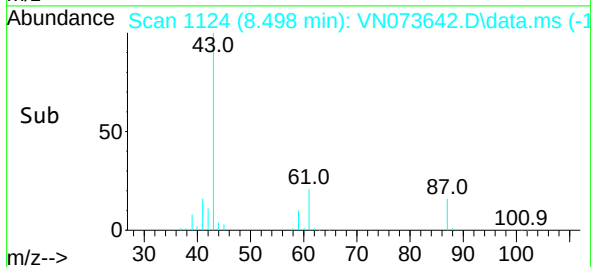
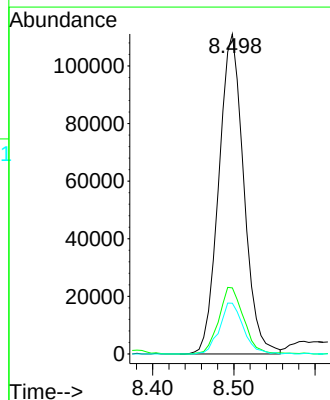
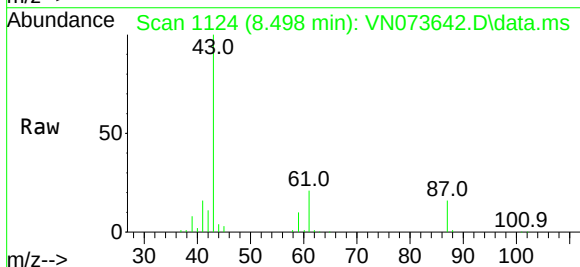
Tgt Ion: 43 Resp: 237673

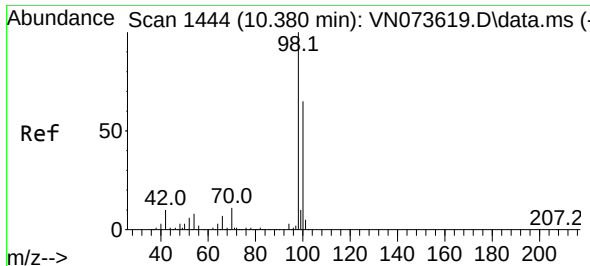
Ion Ratio Lower Upper

43 100

61 20.8 21.9 32.9#

87 15.2 12.0 18.0

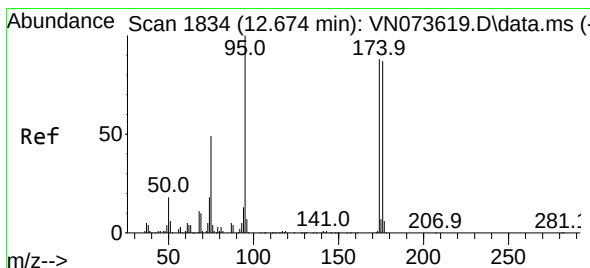
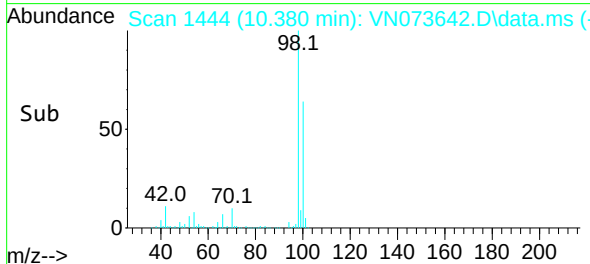
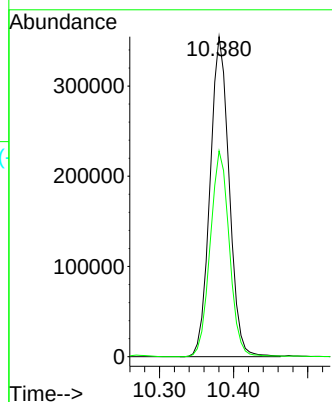
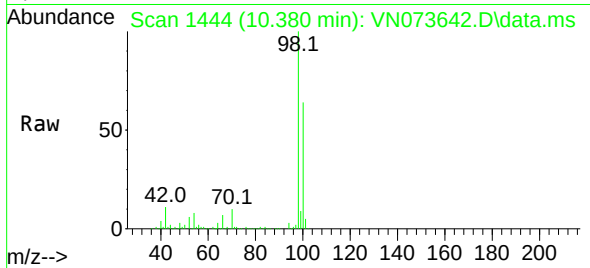




#50
Toluene-d8
Concen: 45.001 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073642.D
Acq: 29 Jul 2022 18:12

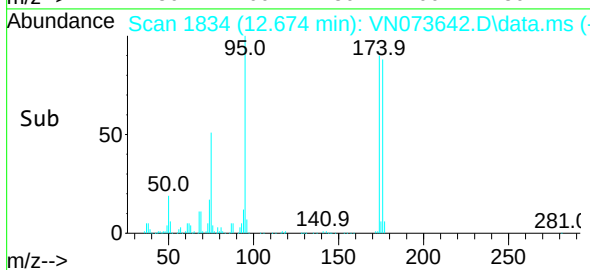
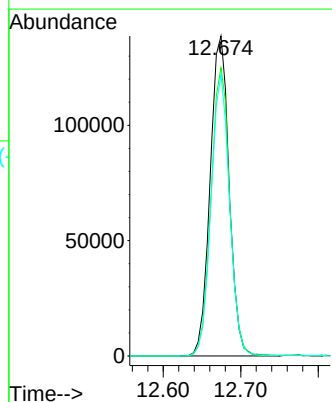
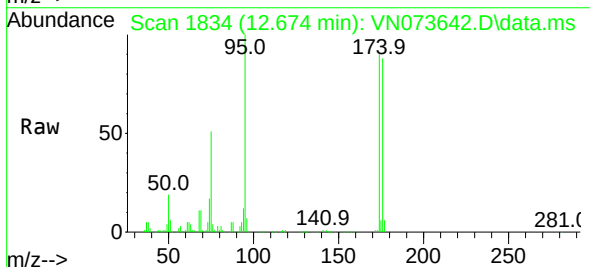
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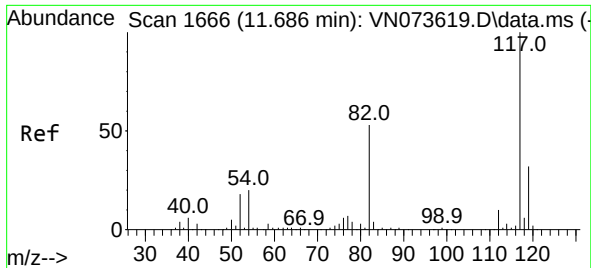
Tgt Ion: 98 Resp: 636166
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.108 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073642.D
Acq: 29 Jul 2022 18:12

Tgt Ion: 95 Resp: 236757
Ion Ratio Lower Upper
95 100
174 89.2 0.0 167.6
176 85.4 0.0 163.4

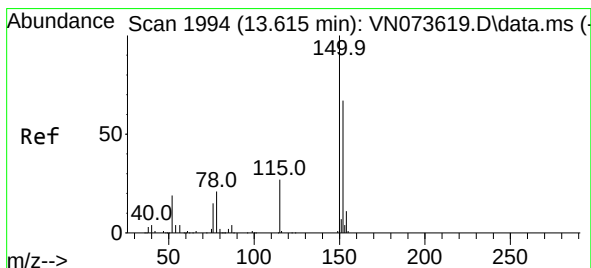
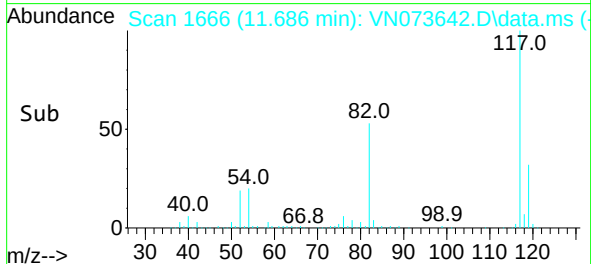
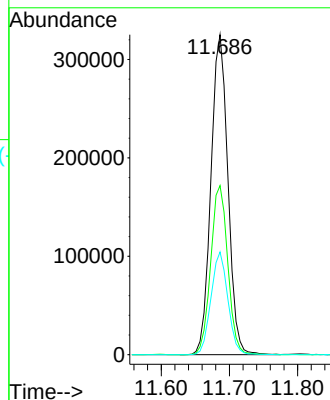
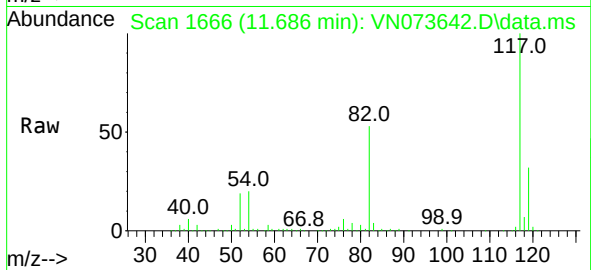




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073642.D
Acq: 29 Jul 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :
PB146545ZHE#03

Tgt Ion:117 Resp: 564374
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.1 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: VN073642.D
Acq: 29 Jul 2022 18:12

Tgt Ion:152 Resp: 249365
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 156.5 0.0 356.2

