

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074612.D
 Acq On : 21 Sep 2022 14:37
 Operator : JC\MD
 Sample : PB147776ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB147776ZHE#01

Quant Time: Sep 22 06:57:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

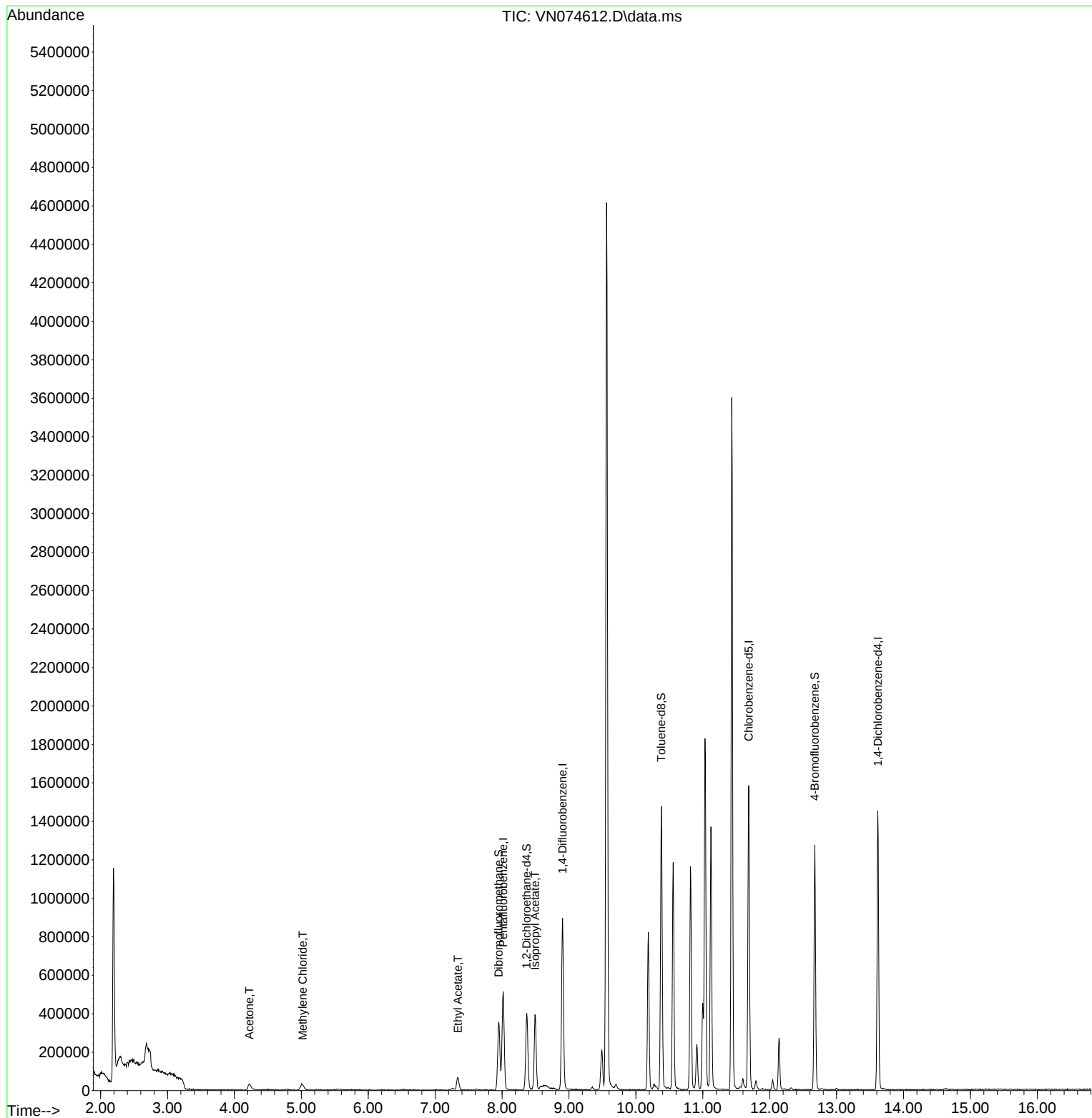
Internal Standards						
1) Pentafluorobenzene	8.016	168	355142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	705170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	777837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	336354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	295133	48.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.960%
35) Dibromofluoromethane	7.951	113	245013	52.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	10.380	98	930069	51.340	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.674	95	361171	58.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.420%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	59909	15.537	ug/l	99
20) Methylene Chloride	5.022	84	25295	4.325	ug/l #	77
37) Ethyl Acetate	7.339	43	103663	8.096	ug/l #	96
43) Isopropyl Acetate	8.492	43	453030	22.587	ug/l #	82

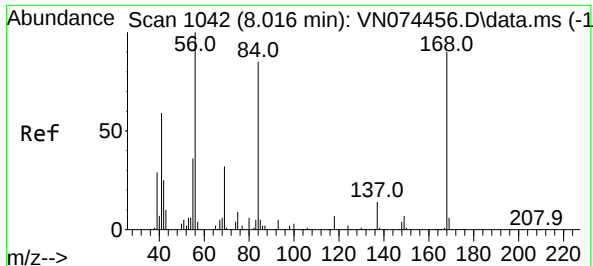
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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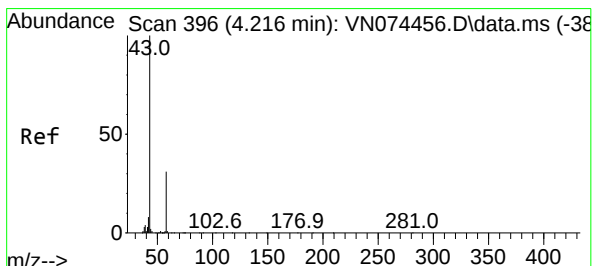
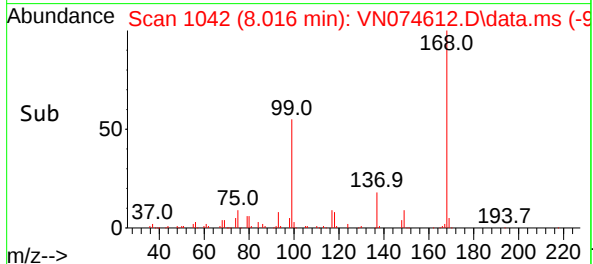
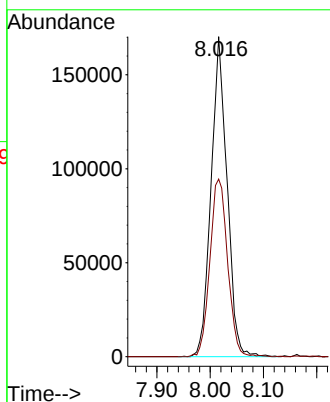
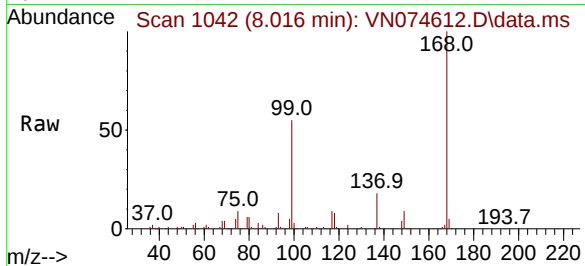




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074612.D
Acq: 21 Sep 2022 14:37

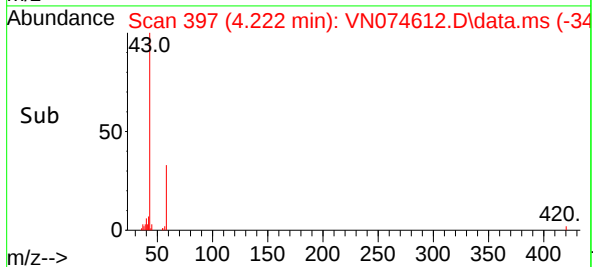
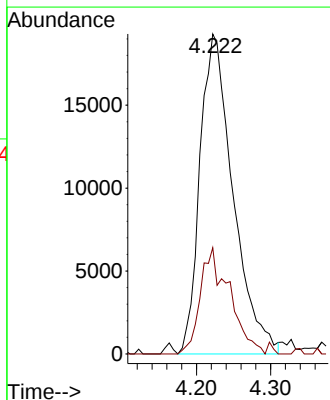
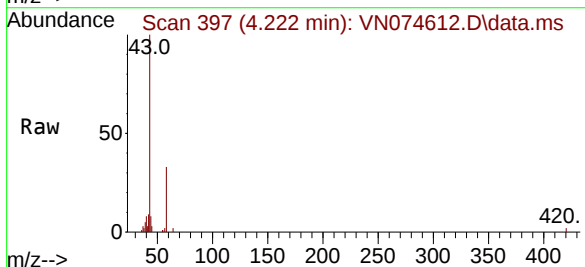
Instrument :
MSVOA_N
ClientSampleId :
PB147776ZHE#01

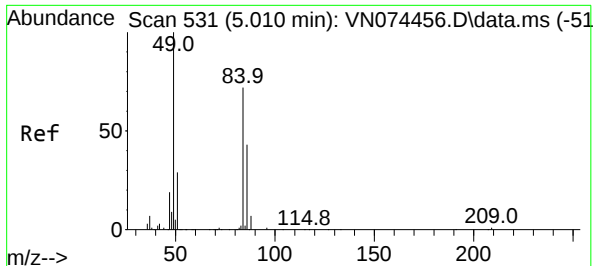
Tgt Ion:168 Resp: 355142
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#16
Acetone
Concen: 15.537 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074612.D
Acq: 21 Sep 2022 14:37

Tgt Ion: 43 Resp: 59909
Ion Ratio Lower Upper
43 100
58 33.2 26.0 39.0





#20

Methylene Chloride

Concen: 4.325 ug/l

RT: 5.022 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN074612.D

Acq: 21 Sep 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

PB147776ZHE#01

Tgt Ion: 84 Resp: 25295

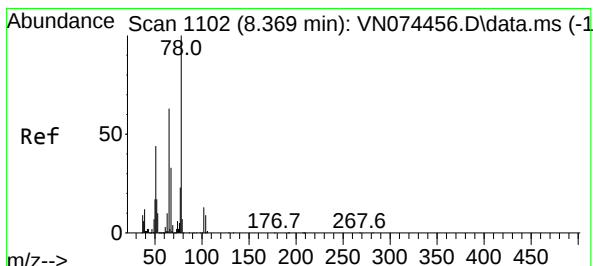
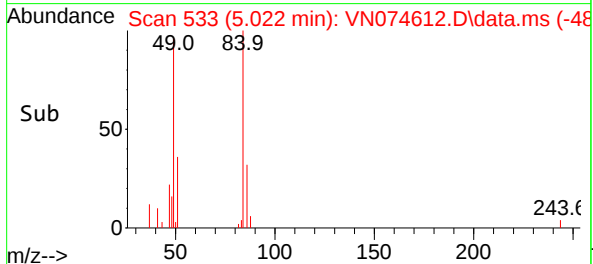
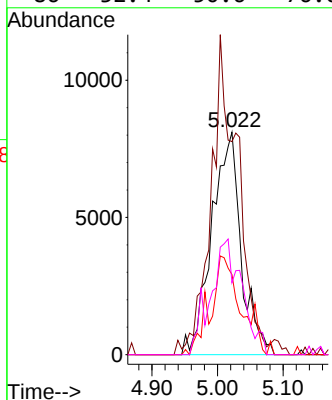
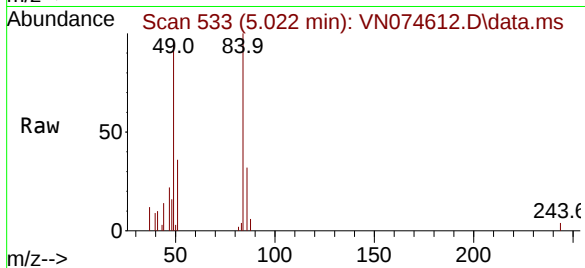
Ion Ratio Lower Upper

84 100

49 89.7 88.3 132.5

51 36.1 28.2 42.2

86 32.4 50.6 76.0#



#33

1,2-Dichloroethane-d4

Concen: 48.978 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074612.D

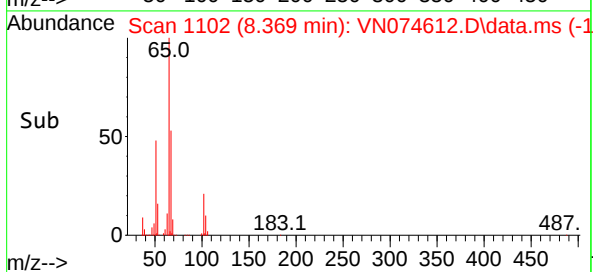
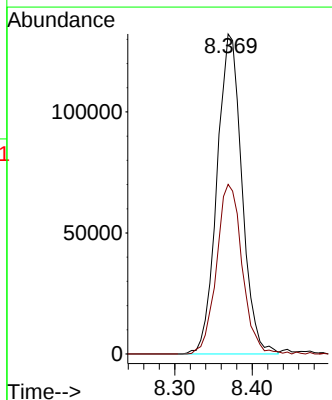
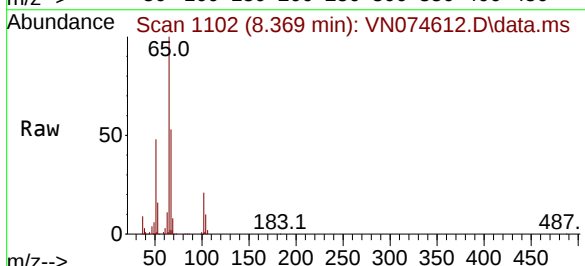
Acq: 21 Sep 2022 14:37

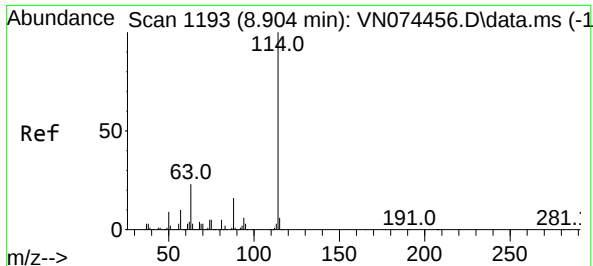
Tgt Ion: 65 Resp: 295133

Ion Ratio Lower Upper

65 100

67 54.6 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: VN074612.D

Acq: 21 Sep 2022 14:37

Instrument :

MSVOA_N

ClientSampleId :

PB147776ZHE#01

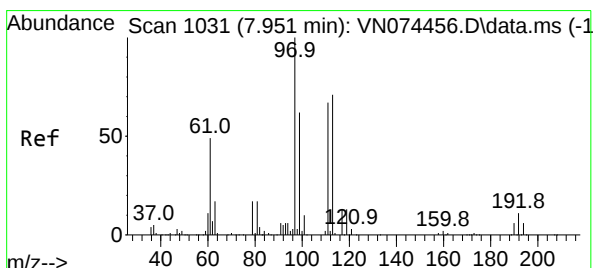
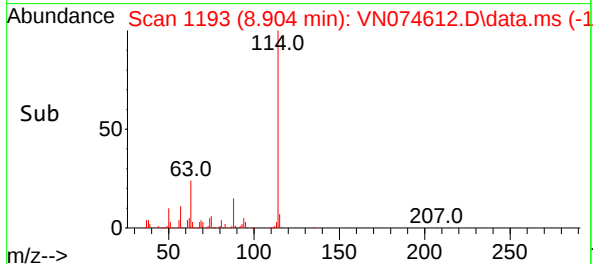
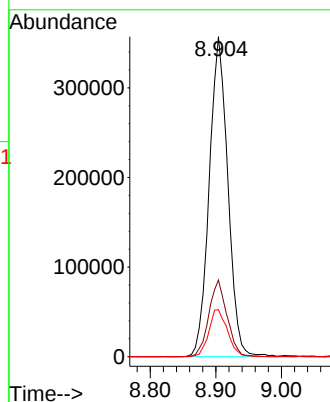
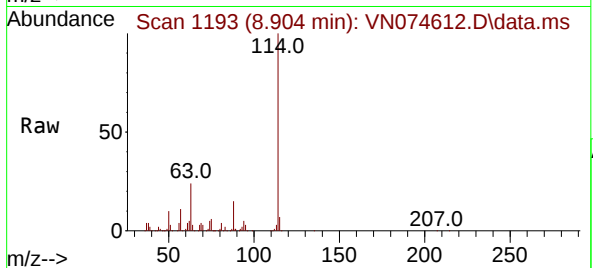
Tgt Ion:114 Resp: 705170

Ion Ratio Lower Upper

114 100

63 24.0 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.305 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074612.D

Acq: 21 Sep 2022 14:37

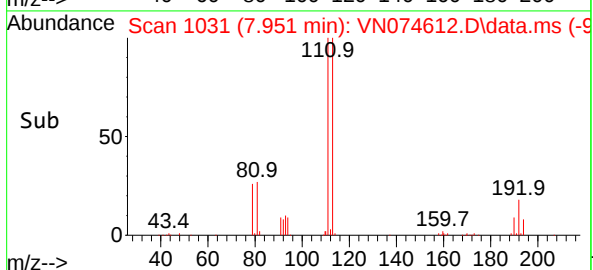
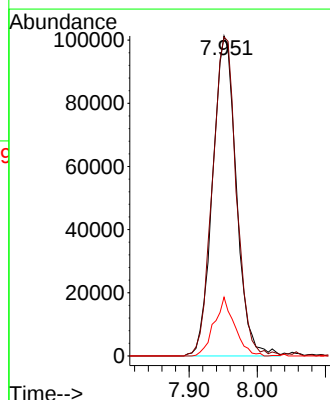
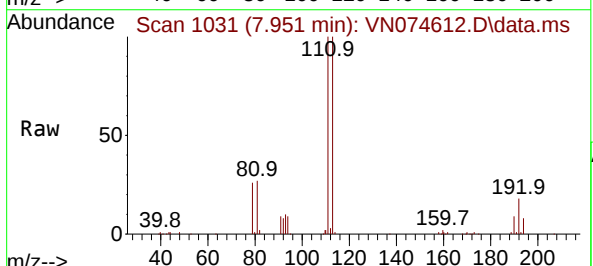
Tgt Ion:113 Resp: 245013

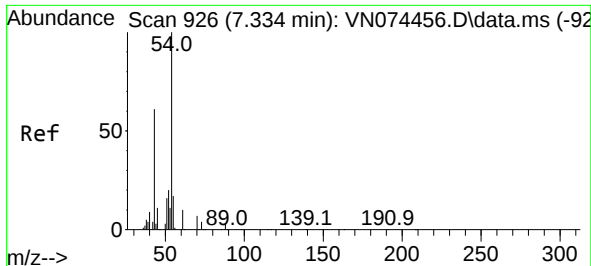
Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.0

192 15.9 17.0 25.6#

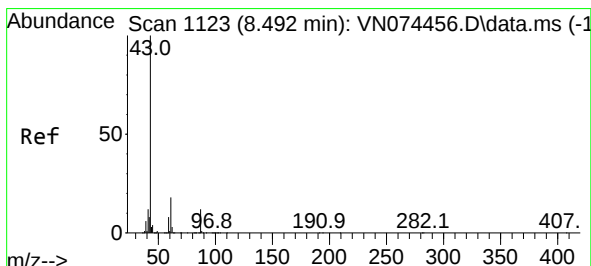
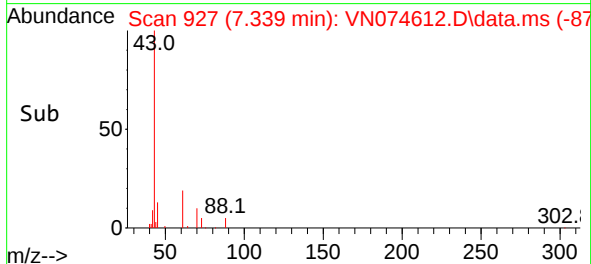
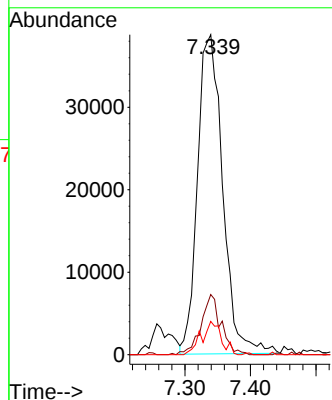
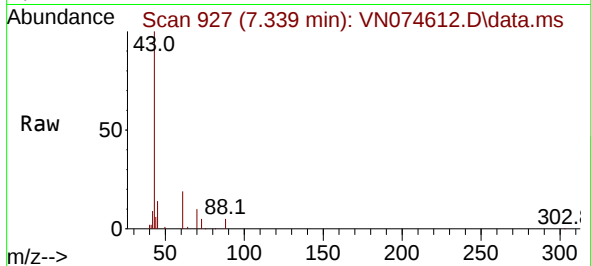




#37
Ethyl Acetate
Concen: 8.096 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN074612.D
Acq: 21 Sep 2022 14:37

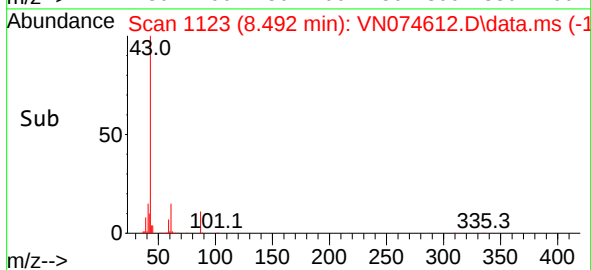
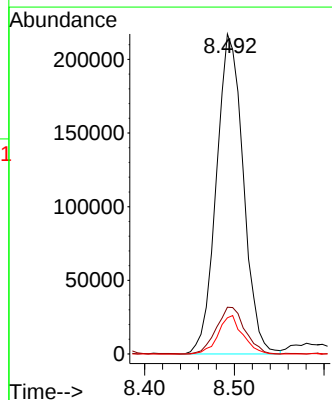
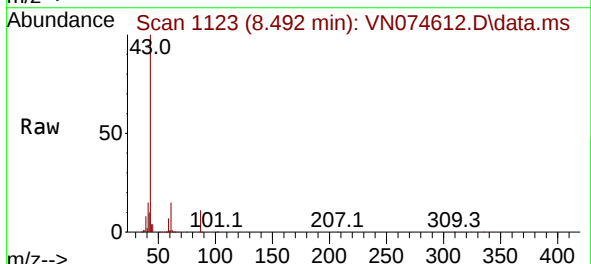
Instrument :
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PB147776ZHE#01

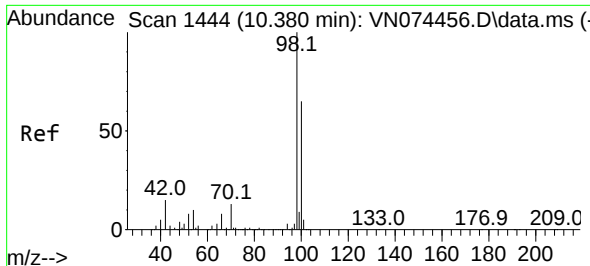
Tgt Ion: 43 Resp: 103663
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 8.2 9.3 13.9#



#43
Isopropyl Acetate
Concen: 22.587 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074612.D
Acq: 21 Sep 2022 14:37

Tgt Ion: 43 Resp: 453030
Ion Ratio Lower Upper
43 100
61 15.5 21.9 32.9#
87 10.8 12.0 18.0#

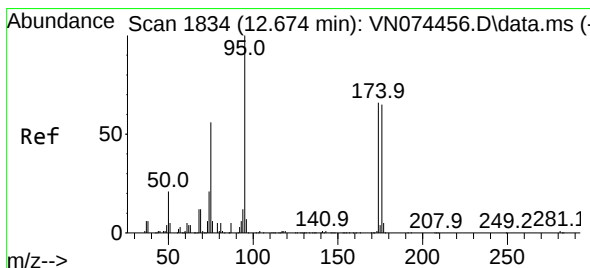
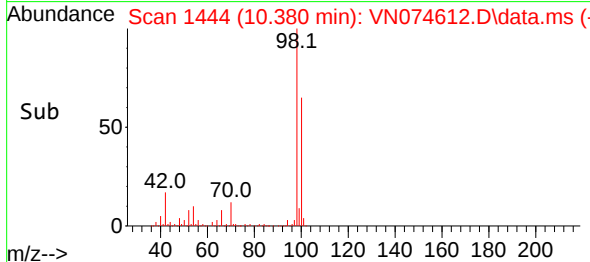
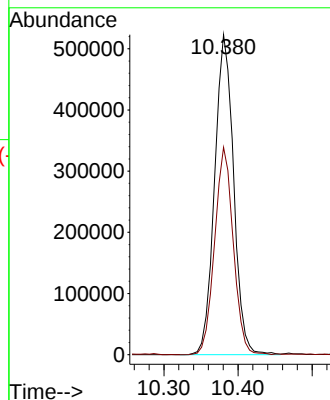
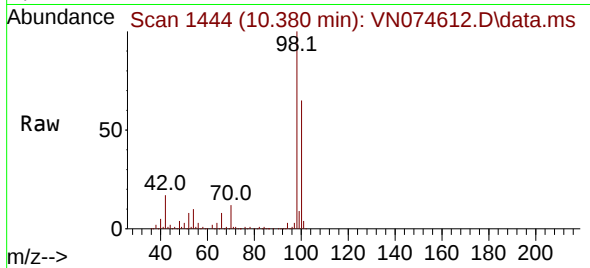




#50
Toluene-d8
Concen: 51.340 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074612.D
Acq: 21 Sep 2022 14:37

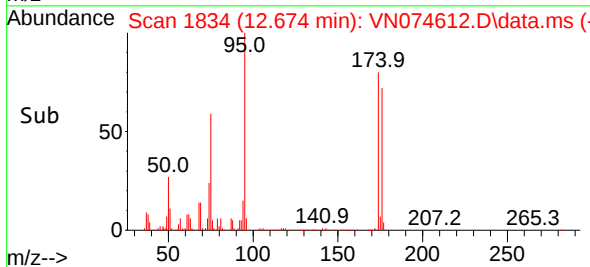
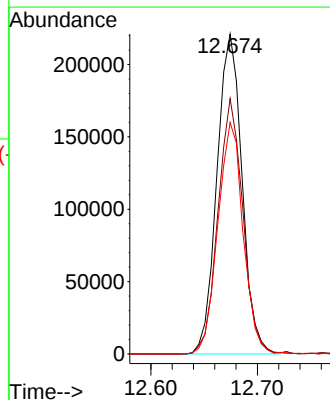
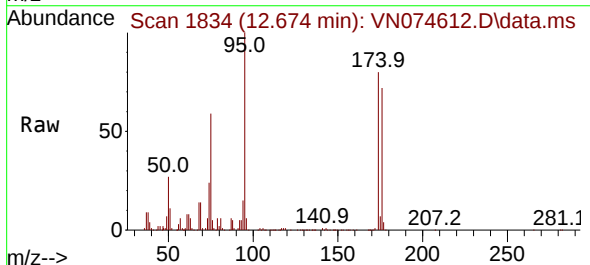
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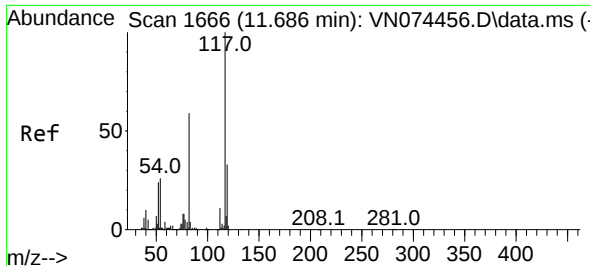
Tgt Ion: 98 Resp: 930069
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.210 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074612.D
Acq: 21 Sep 2022 14:37

Tgt Ion: 95 Resp: 361171
Ion Ratio Lower Upper
95 100
174 79.1 0.0 167.6
176 73.0 0.0 163.4

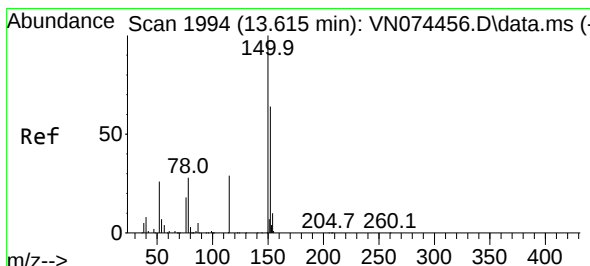
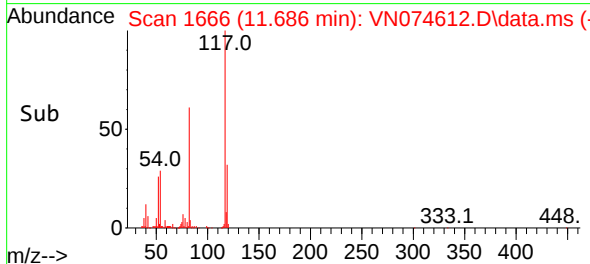
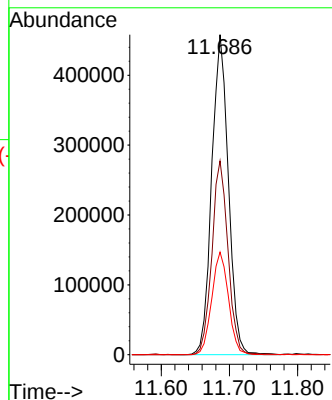
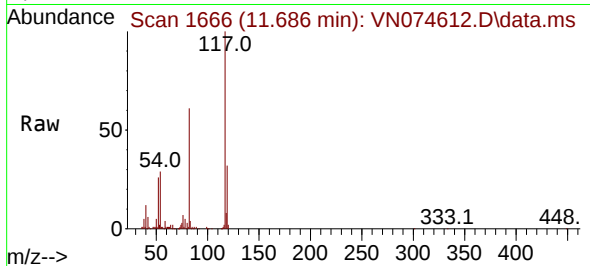




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074612.D
Acq: 21 Sep 2022 14:37

Instrument :
MSVOA_N
ClientSampleId :
PB147776ZHE#01

Tgt Ion:117 Resp: 777837
Ion Ratio Lower Upper
117 100
82 60.6 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: VN074612.D
Acq: 21 Sep 2022 14:37

Tgt Ion:152 Resp: 336354
Ion Ratio Lower Upper
152 100
115 61.6 28.9 86.7
150 156.7 0.0 356.2

