

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074033.D
 Acq On : 19 Aug 2022 17:52
 Operator : JC\MD
 Sample : PB147119ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB147119ZHE#04

Quant Time: Aug 20 03:06:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

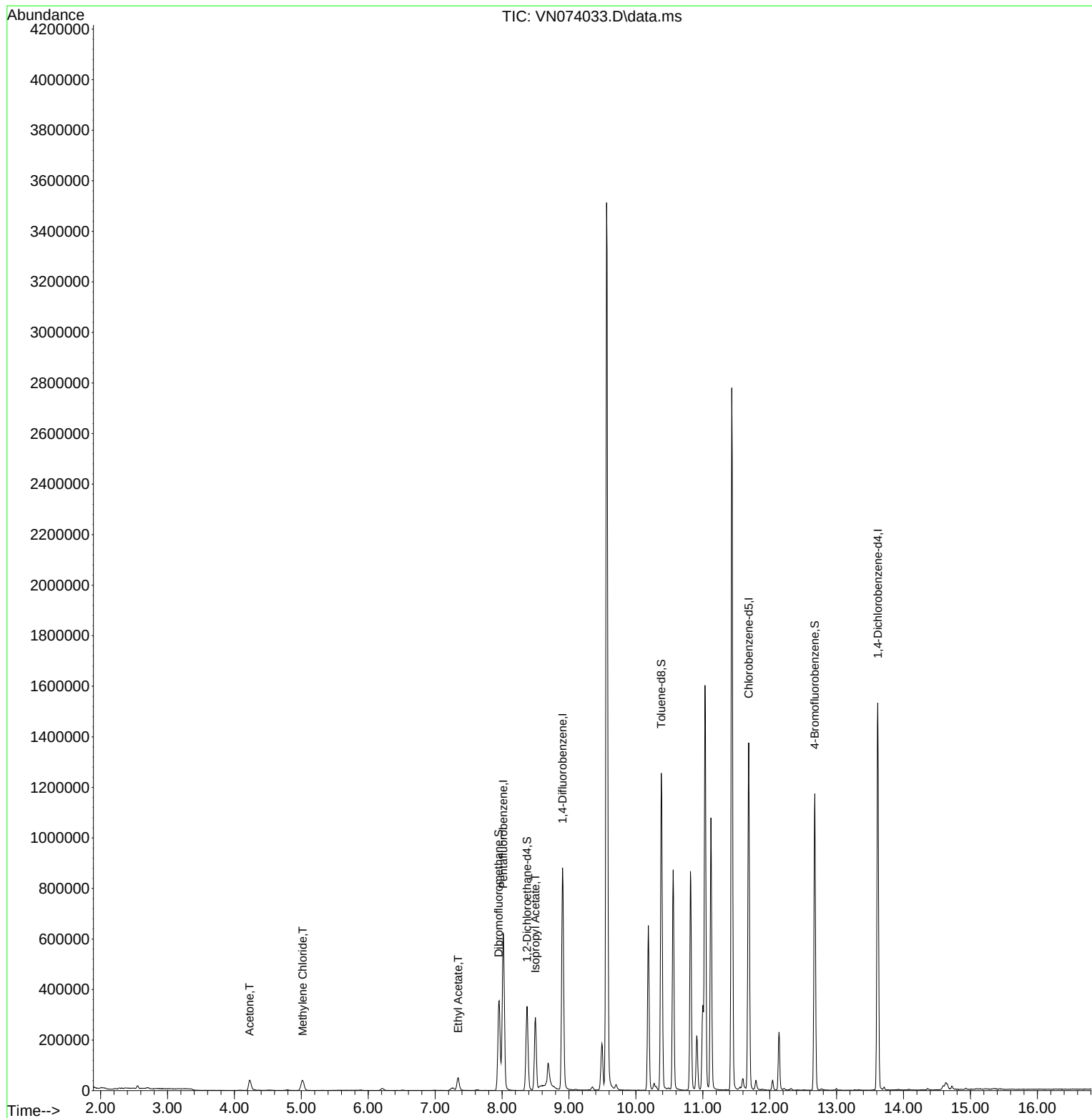
Internal Standards						
1) Pentafluorobenzene	8.016	168	523951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	830296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	836149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	452004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	274081	53.707	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.420%		
35) Dibromofluoromethane	7.951	113	262442	53.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 106.900%		
50) Toluene-d8	10.380	98	901045	47.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 94.760%		
62) 4-Bromofluorobenzene	12.674	95	389106	61.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 123.300%#		
Target Compounds						Qvalue
16) Acetone	4.228	43	75729	31.453	ug/l	91
20) Methylene Chloride	5.022	84	37036	7.290	ug/l #	95
37) Ethyl Acetate	7.345	43	76550	9.265	ug/l	98
43) Isopropyl Acetate	8.498	43	310927	26.415	ug/l #	92

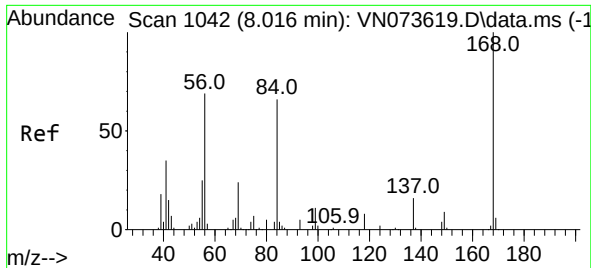
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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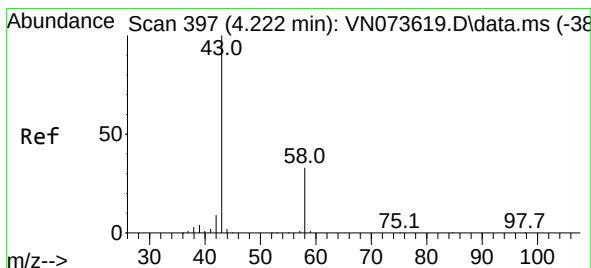
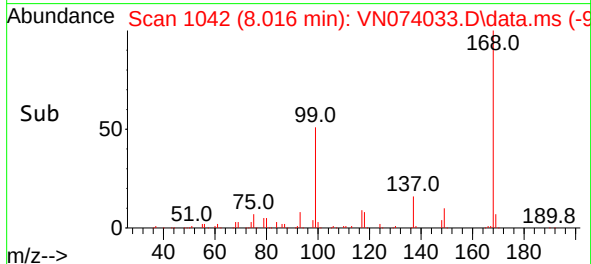
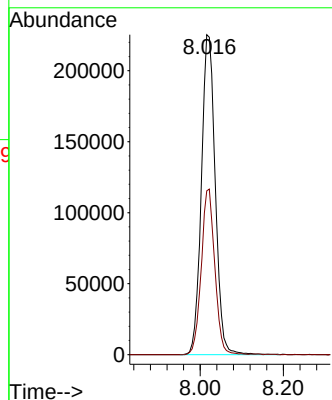
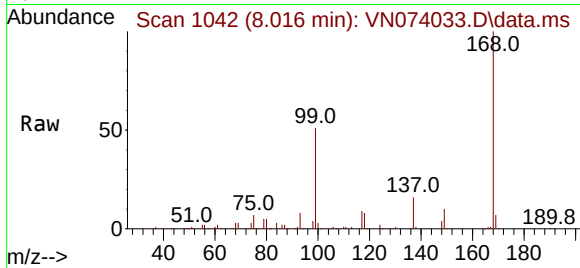




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074033.D
Acq: 19 Aug 2022 17:52

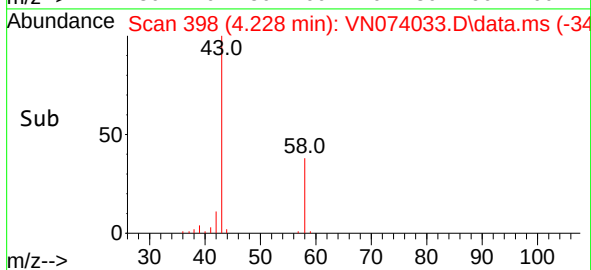
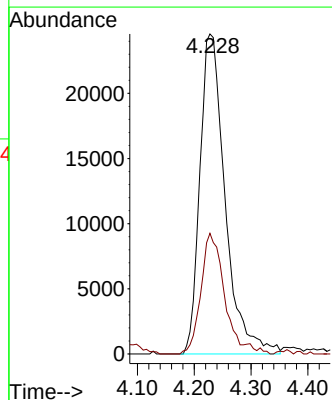
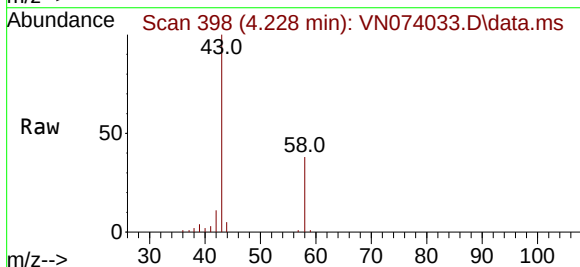
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#04

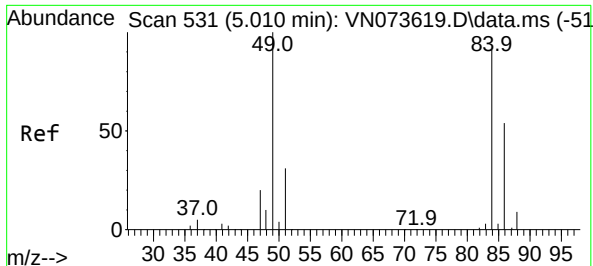
Tgt Ion:168 Resp: 523951
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#16
Acetone
Concen: 31.453 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074033.D
Acq: 19 Aug 2022 17:52

Tgt Ion: 43 Resp: 75729
Ion Ratio Lower Upper
43 100
58 37.7 26.0 39.0

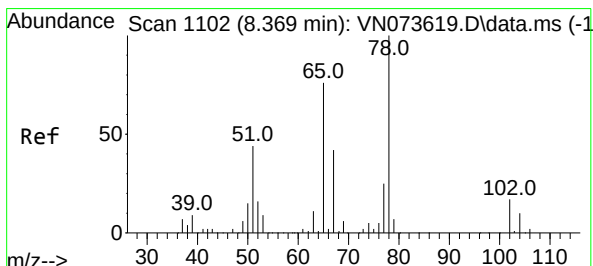
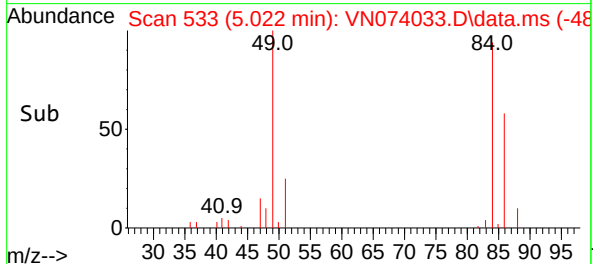
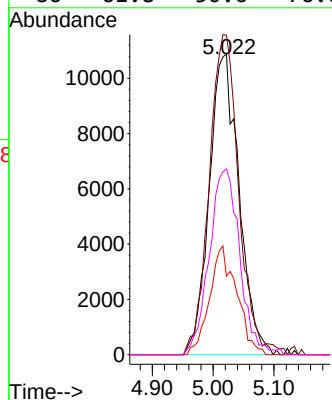
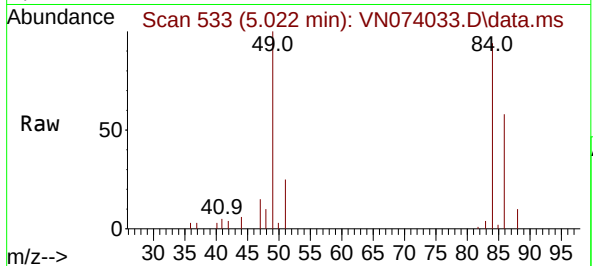




#20
Methylene Chloride
Concen: 7.290 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074033.D
Acq: 19 Aug 2022 17:52

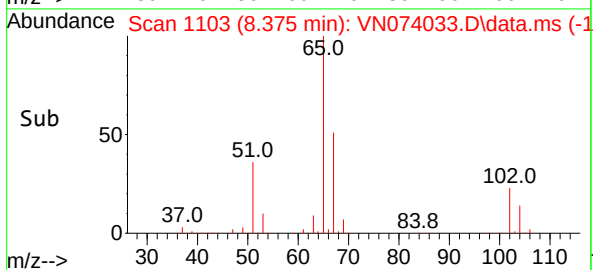
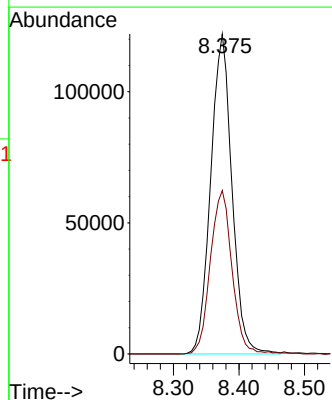
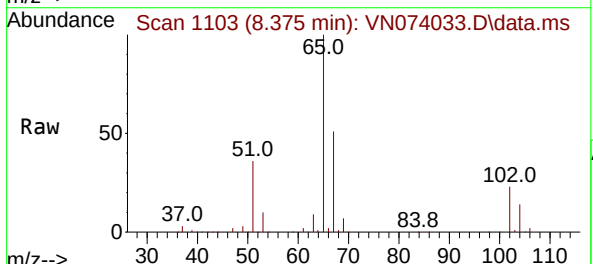
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#04

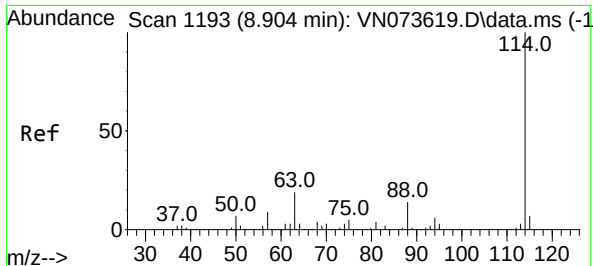
Tgt Ion: 84	Resp: 37036
Ion Ratio	Lower Upper
84	100
49	106.3 88.3 132.5
51	26.1 28.2 42.2#
86	61.8 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 53.707 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074033.D
Acq: 19 Aug 2022 17:52

Tgt Ion: 65	Resp: 274081
Ion Ratio	Lower Upper
65	100
67	52.2 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: VN074033.D

Acq: 19 Aug 2022 17:52

Instrument :

MSVOA_N

ClientSampleId :

PB147119ZHE#04

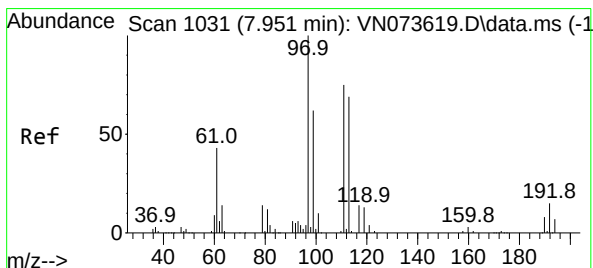
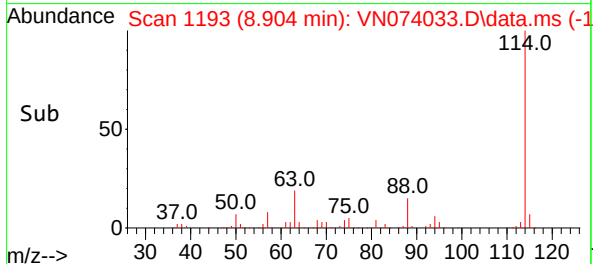
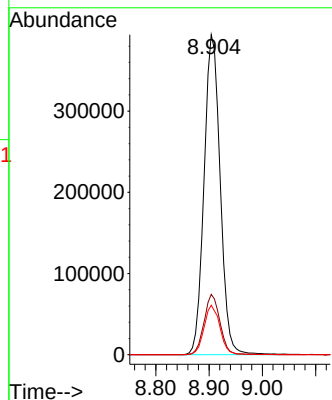
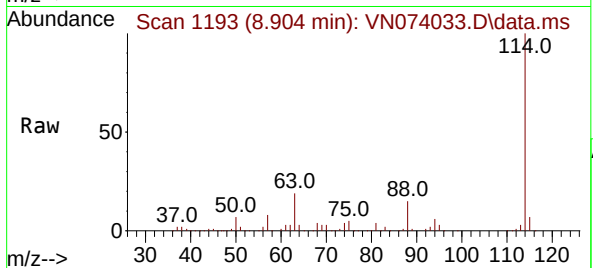
Tgt Ion:114 Resp: 830296

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.447 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074033.D

Acq: 19 Aug 2022 17:52

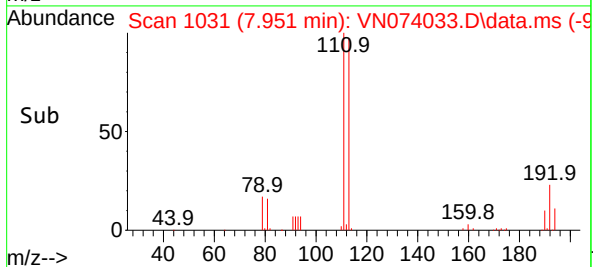
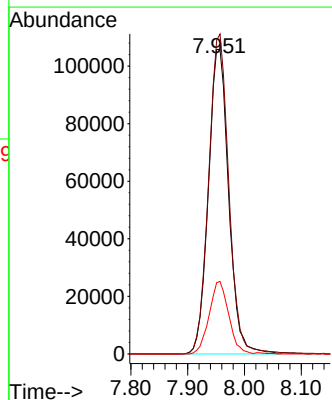
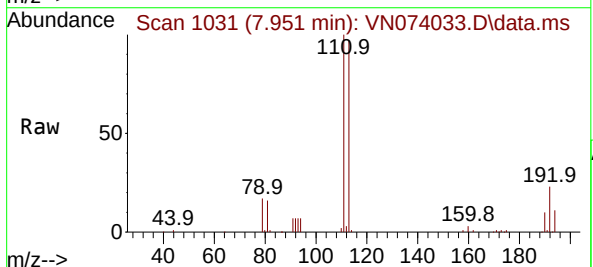
Tgt Ion:113 Resp: 262442

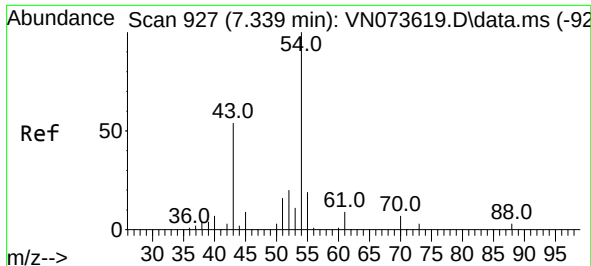
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 22.8 17.0 25.6





#37

Ethyl Acetate

Concen: 9.265 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074033.D

Acq: 19 Aug 2022 17:52

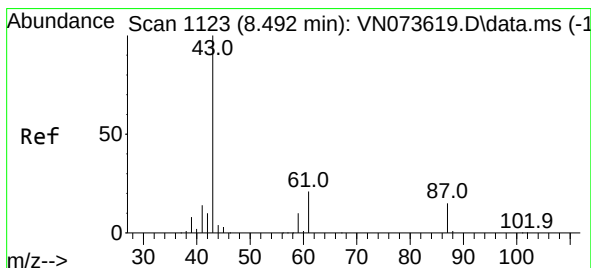
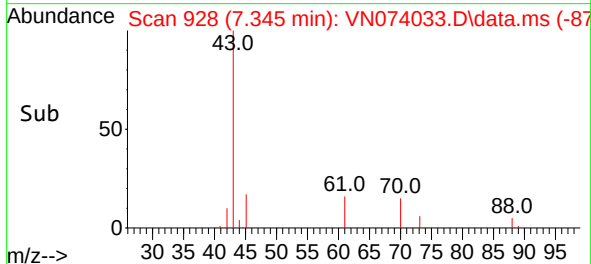
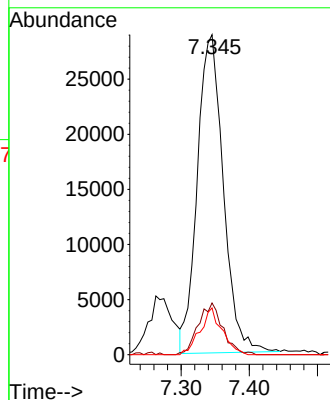
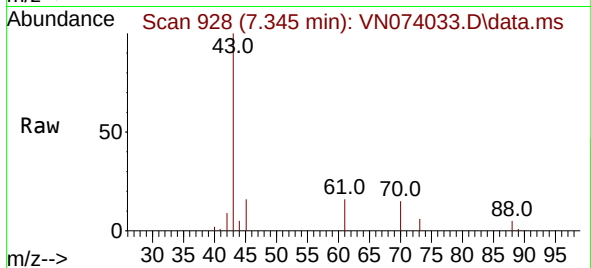
Instrument :

MSVOA_N

ClientSampleId :

PB147119ZHE#04

Tgt Ion:	43	Resp:	76550
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.8	17.6
70	12.4	9.3	13.9



#43

Isopropyl Acetate

Concen: 26.415 ug/l

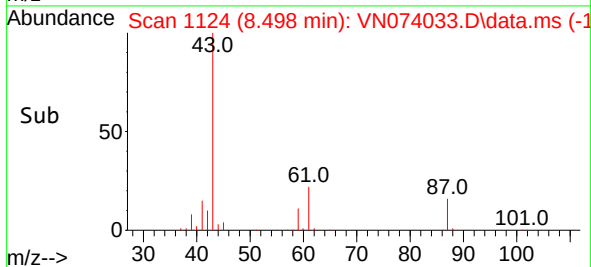
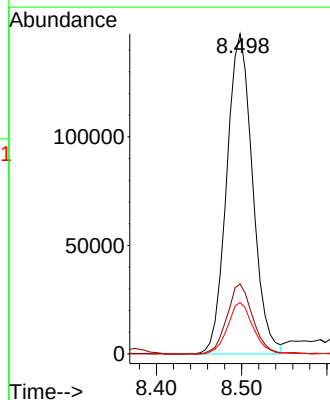
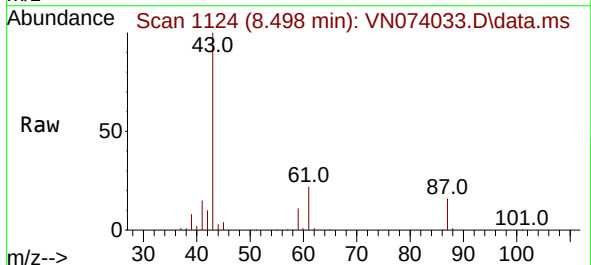
RT: 8.498 min Scan# 1124

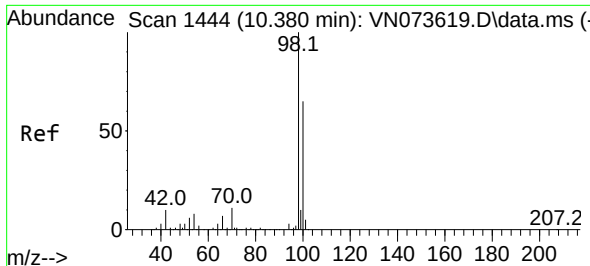
Delta R.T. 0.006 min

Lab File: VN074033.D

Acq: 19 Aug 2022 17:52

Tgt Ion:	43	Resp:	310927
Ion	Ratio	Lower	Upper
43	100		
61	21.9	21.9	32.9#
87	15.9	12.0	18.0

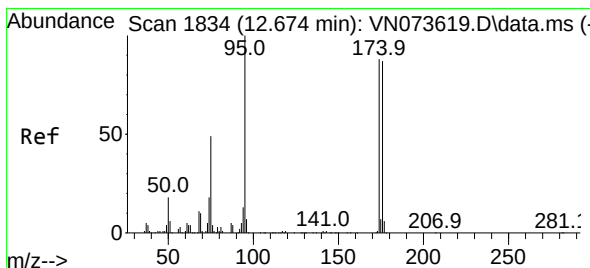
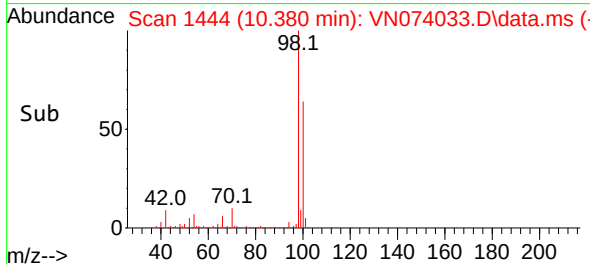
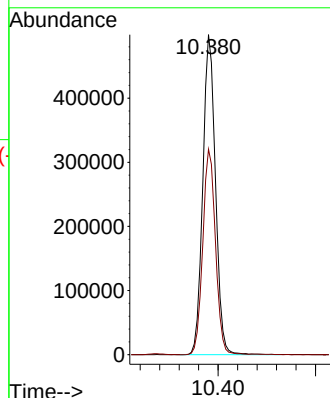
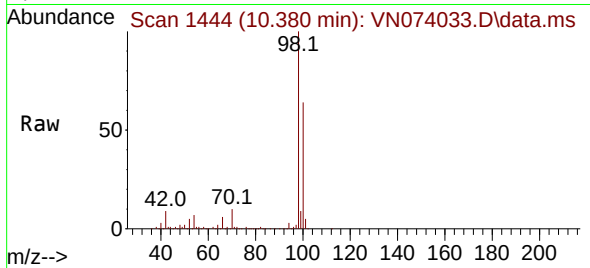




#50
Toluene-d8
Concen: 47.381 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074033.D
Acq: 19 Aug 2022 17:52

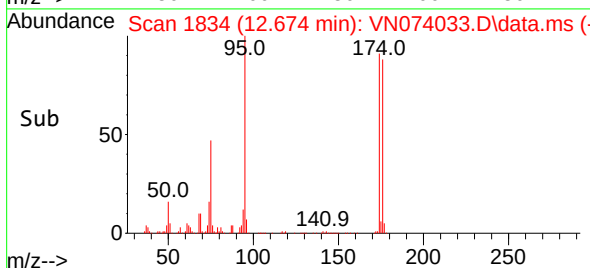
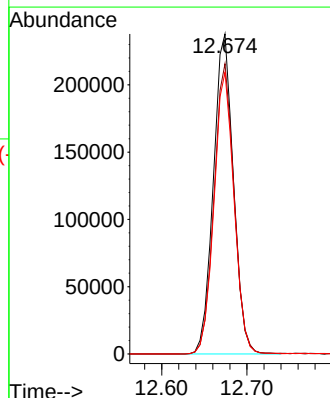
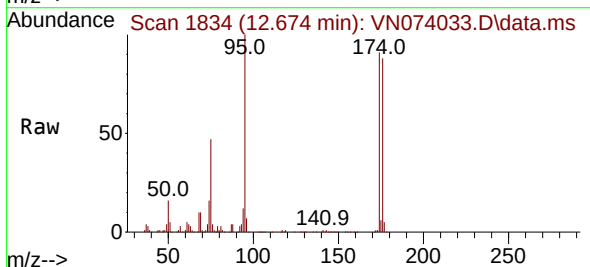
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#04

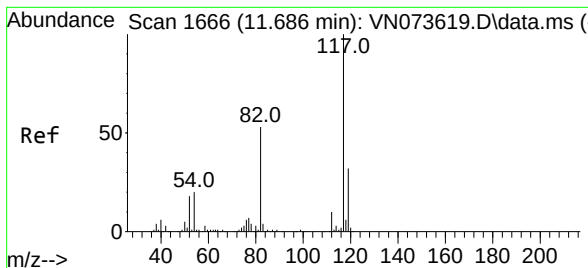
Tgt Ion: 98 Resp: 901045
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.651 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074033.D
Acq: 19 Aug 2022 17:52

Tgt Ion: 95 Resp: 389106
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 87.8 0.0 163.4

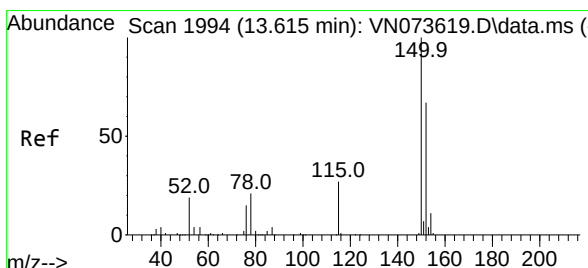
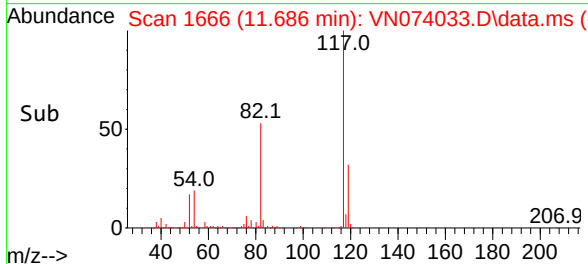
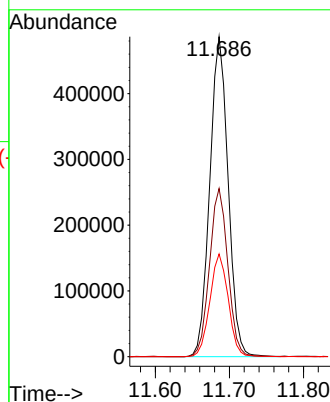
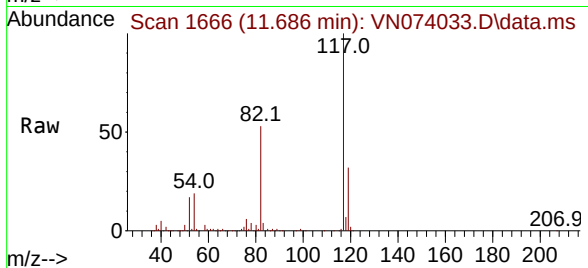




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074033.D
Acq: 19 Aug 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#04

Tgt Ion:117 Resp: 836149
Ion Ratio Lower Upper
117 100
82 52.5 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: VN074033.D
Acq: 19 Aug 2022 17:52

Tgt Ion:152 Resp: 452004
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 157.2 0.0 356.2

