

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074763.D
 Acq On : 06 Oct 2022 01:39
 Operator : JC\MD
 Sample : N4957-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-31

Quant Time: Oct 06 07:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

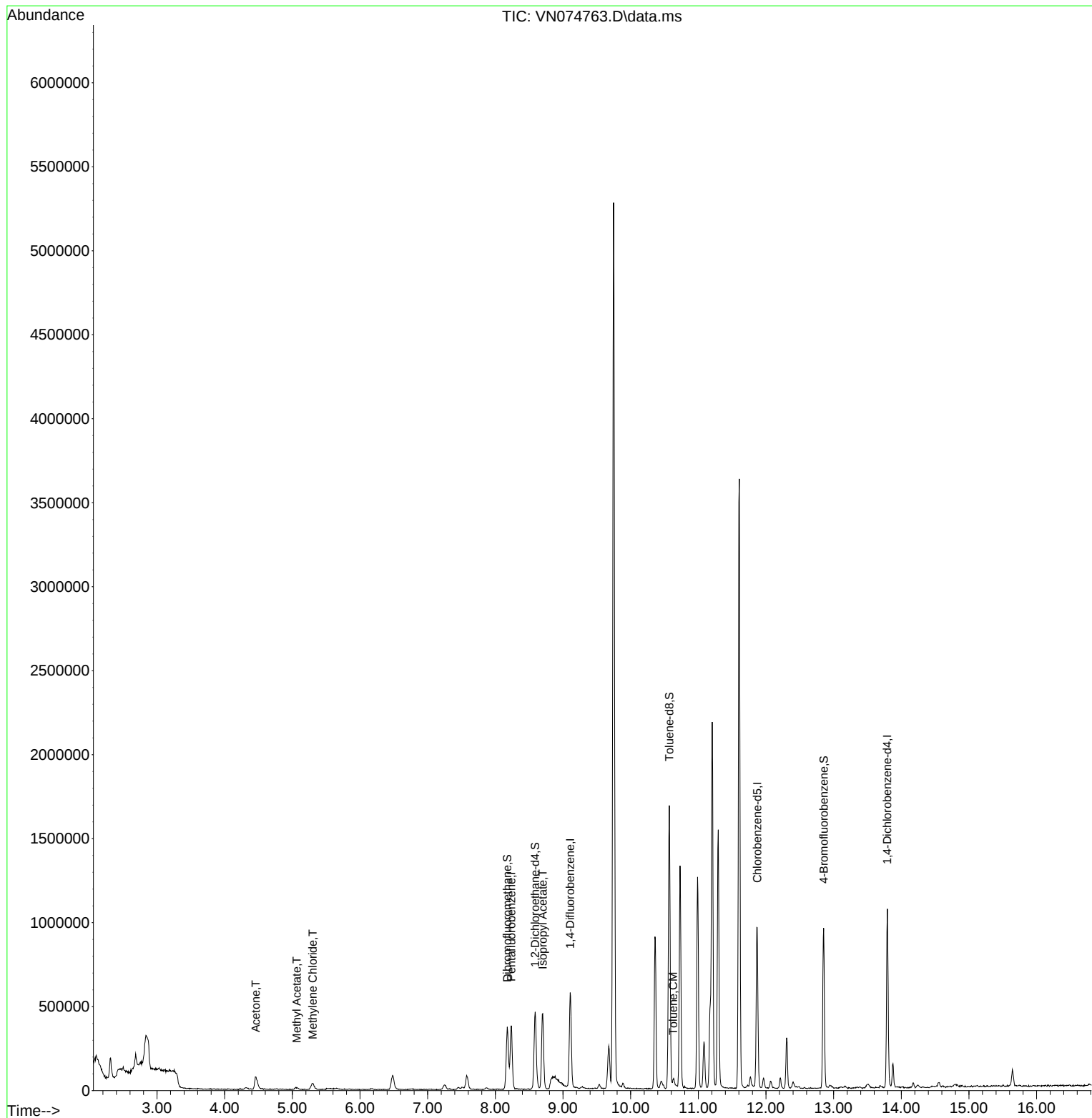
Internal Standards						
1) Pentafluorobenzene	8.236	168	261742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	478660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	533762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	339329	54.715	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.420%	
35) Dibromofluoromethane	8.177	113	253733	52.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.940%	
50) Toluene-d8	10.571	98	1118536	53.901	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.800%	
62) 4-Bromofluorobenzene	12.853	95	304839	48.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	144013	40.976	ug/l	97
18) Methyl Acetate	5.065	43	26096	2.006	ug/l	99
20) Methylene Chloride	5.300	84	26226	2.585	ug/l	87
43) Isopropyl Acetate	8.700	43	550016	28.347	ug/l #	91
52) Toluene	10.629	92	22312	1.466	ug/l	88

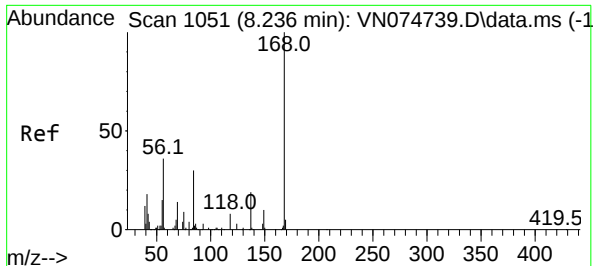
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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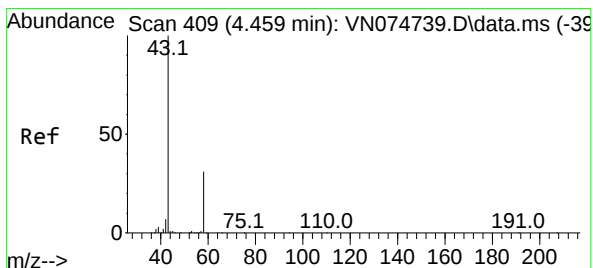
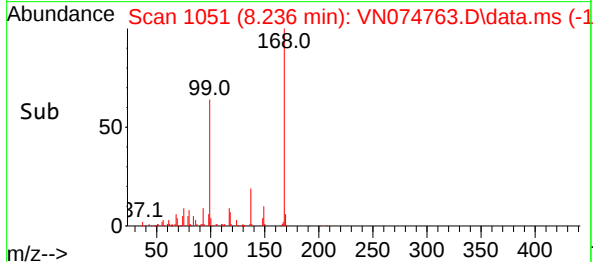
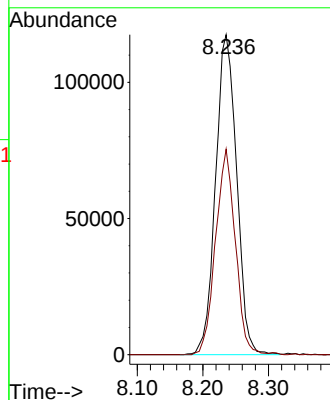
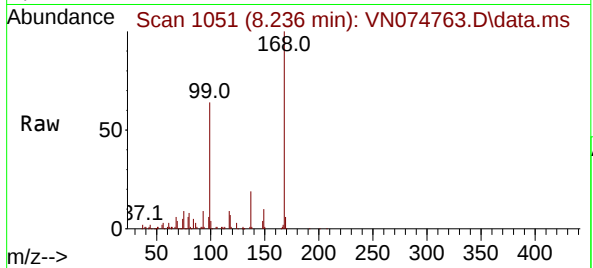




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074763.D
Acq: 06 Oct 2022 01:39

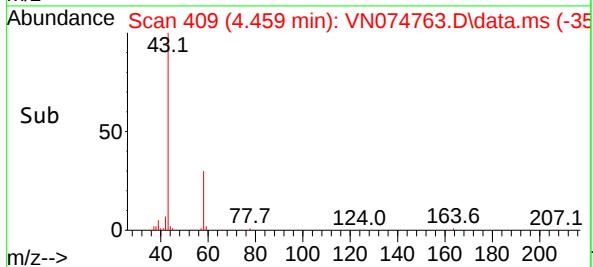
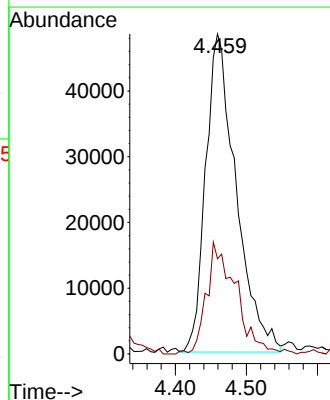
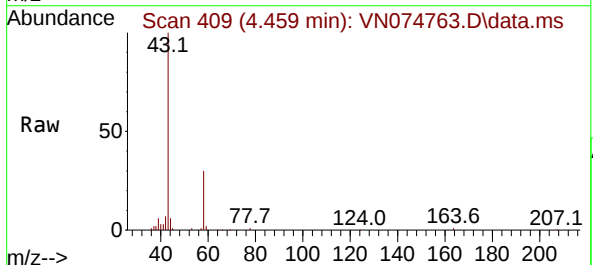
Instrument :
MSVOA_N
ClientSampleId :
SB-31

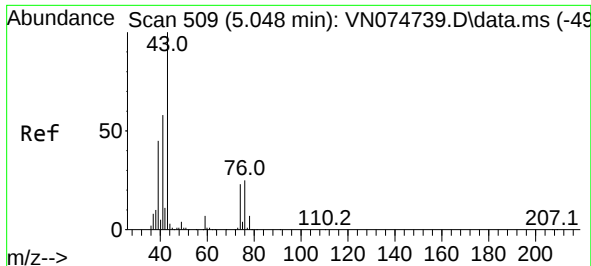
Tgt Ion:168 Resp: 261742
Ion Ratio Lower Upper
168 100
99 64.2 42.8 64.2



#16
Acetone
Concen: 40.976 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074763.D
Acq: 06 Oct 2022 01:39

Tgt Ion: 43 Resp: 144013
Ion Ratio Lower Upper
43 100
58 29.2 24.9 37.3

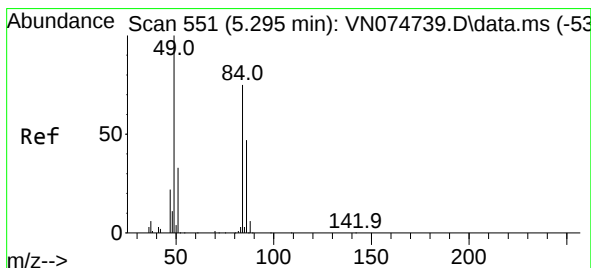
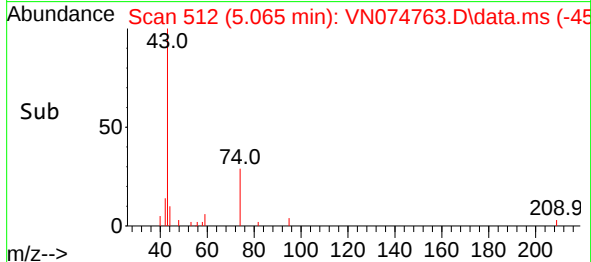
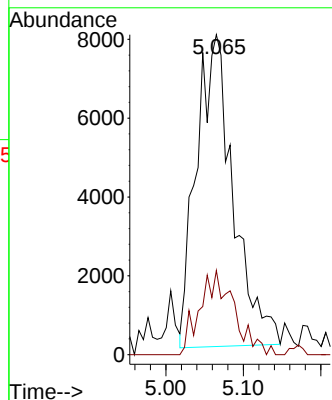
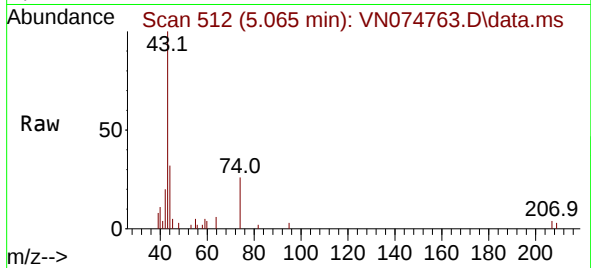




#18
Methyl Acetate
Concen: 2.006 ug/l
RT: 5.065 min Scan# 512
Delta R.T. 0.018 min
Lab File: VN074763.D
Acq: 06 Oct 2022 01:39

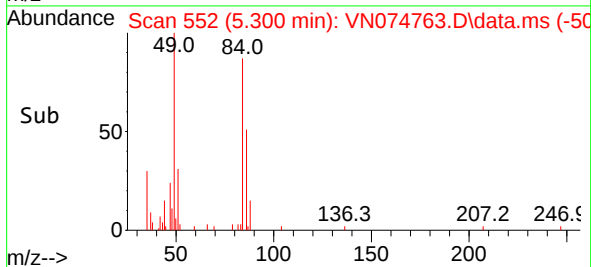
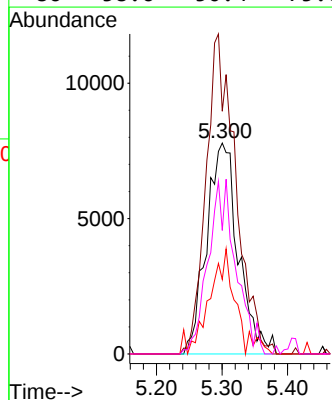
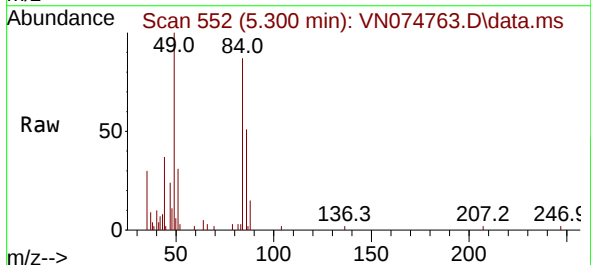
Instrument :
MSVOA_N
ClientSampleId :
SB-31

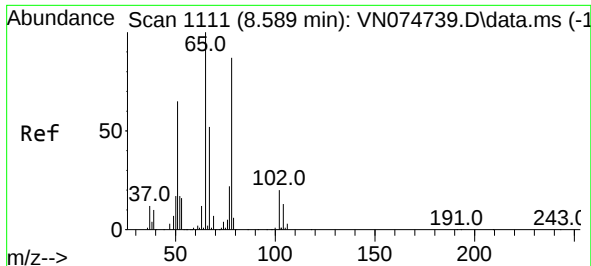
Tgt Ion: 43 Resp: 26096
Ion Ratio Lower Upper
43 100
74 22.4 18.5 27.7



#20
Methylene Chloride
Concen: 2.585 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074763.D
Acq: 06 Oct 2022 01:39

Tgt Ion: 84 Resp: 26226
Ion Ratio Lower Upper
84 100
49 115.2 107.4 161.0
51 35.4 35.1 52.7
86 58.6 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 54.715 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074763.D

Acq: 06 Oct 2022 01:39

Instrument :

MSVOA_N

ClientSampleId :

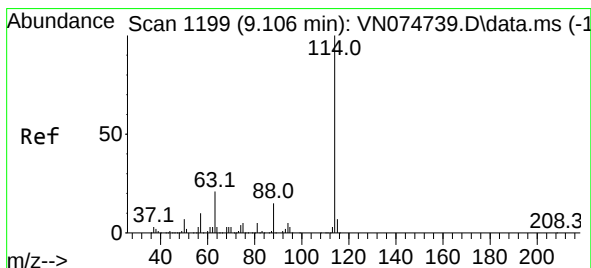
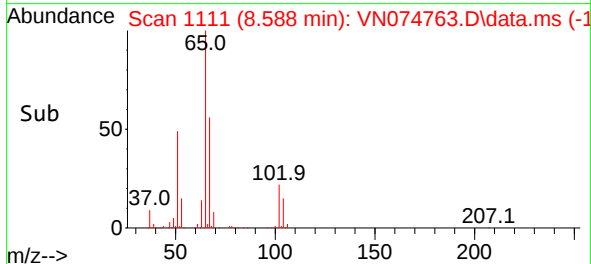
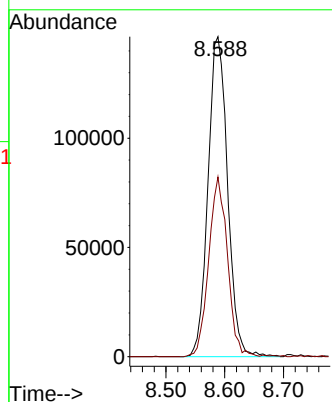
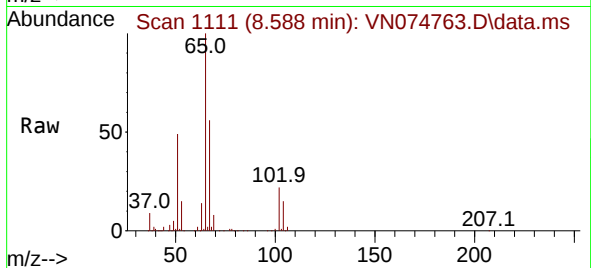
SB-31

Tgt Ion: 65 Resp: 339329

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074763.D

Acq: 06 Oct 2022 01:39

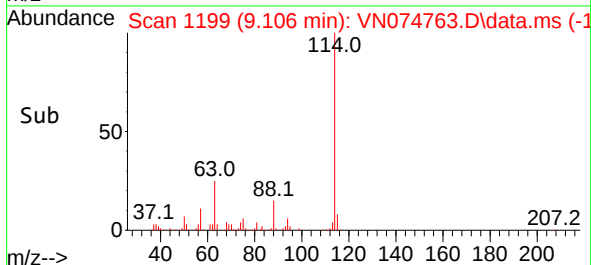
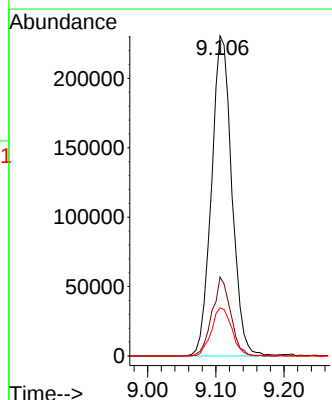
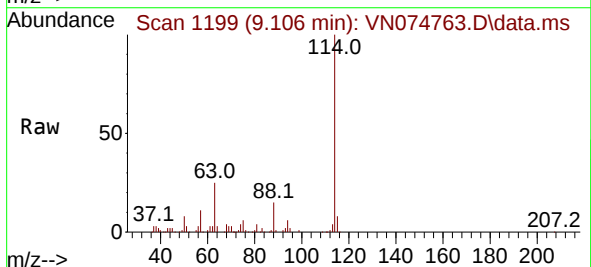
Tgt Ion: 114 Resp: 478660

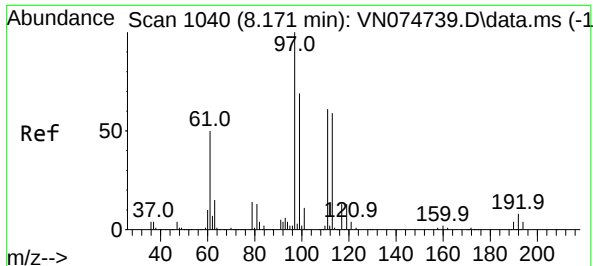
Ion Ratio Lower Upper

114 100

63 24.7 0.0 41.2

88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.466 ug/l

RT: 8.177 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN074763.D

Acq: 06 Oct 2022 01:39

Instrument :

MSVOA_N

ClientSampleId :

SB-31

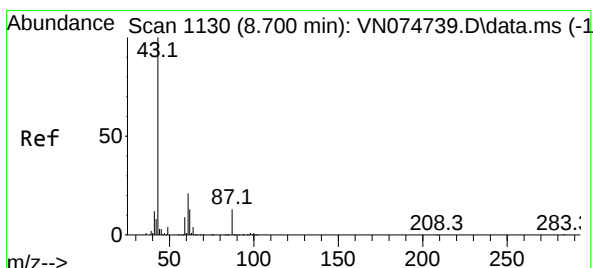
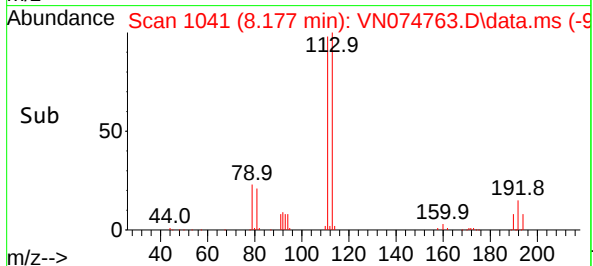
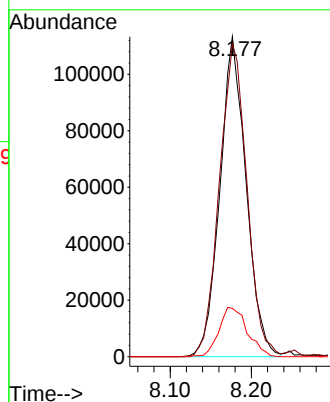
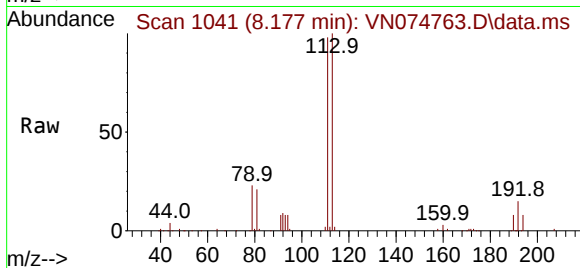
Tgt Ion:113 Resp: 253733

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

192 16.7 12.6 18.8



#43

Isopropyl Acetate

Concen: 28.347 ug/l

RT: 8.700 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN074763.D

Acq: 06 Oct 2022 01:39

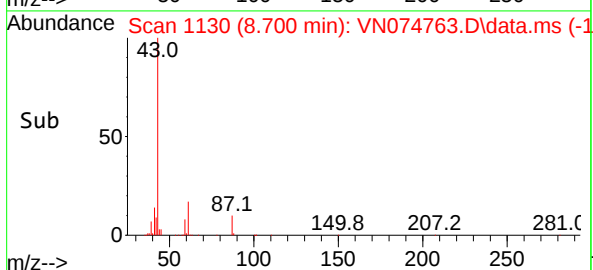
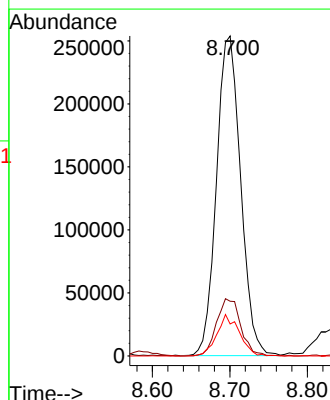
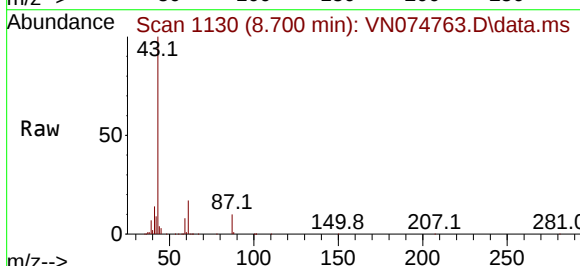
Tgt Ion: 43 Resp: 550016

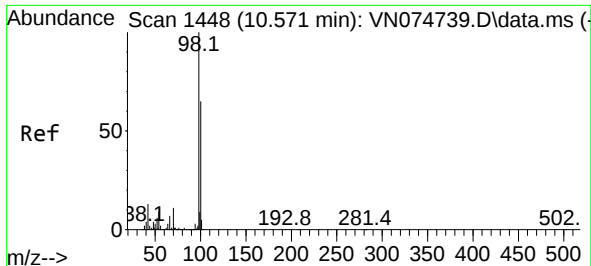
Ion Ratio Lower Upper

43 100

61 18.0 19.4 29.0#

87 12.0 10.1 15.1

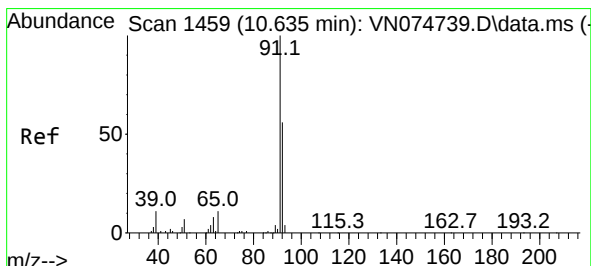
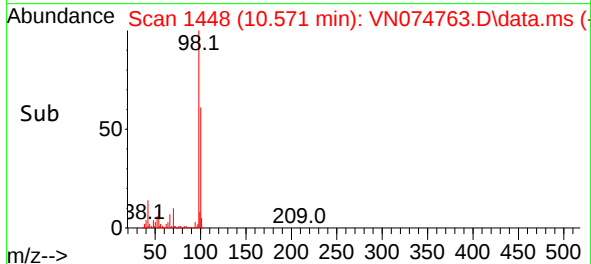
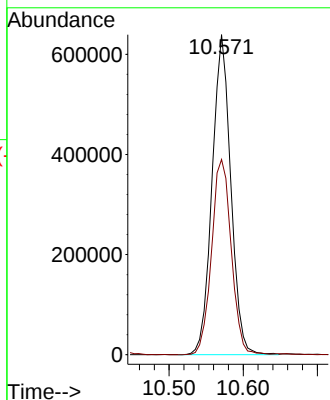
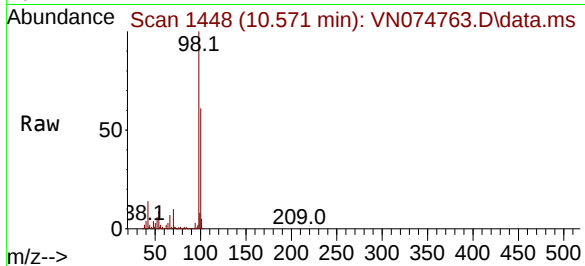




#50
Toluene-d8
Concen: 53.901 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074763.D
Acq: 06 Oct 2022 01:39

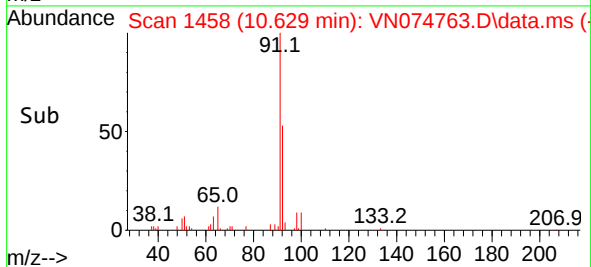
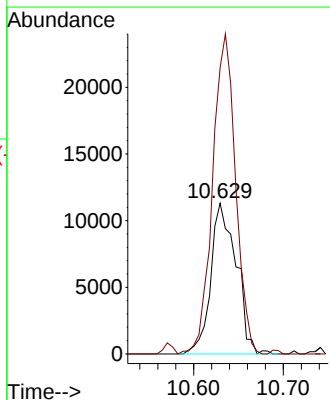
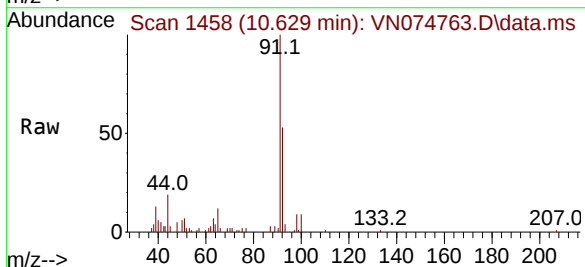
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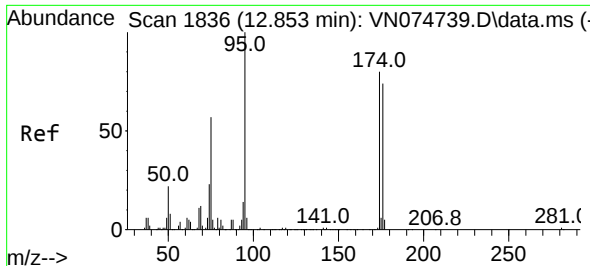
Tgt Ion: 98 Resp: 1118536
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



#52
Toluene
Concen: 1.466 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074763.D
Acq: 06 Oct 2022 01:39

Tgt Ion: 92 Resp: 22312
Ion Ratio Lower Upper
92 100
91 191.6 140.2 210.4

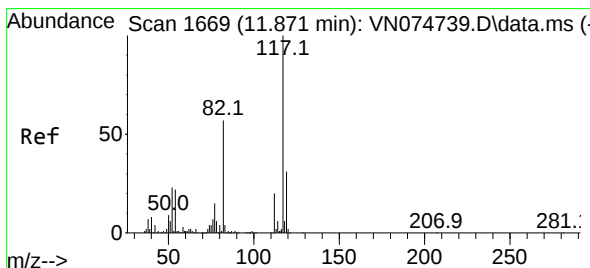
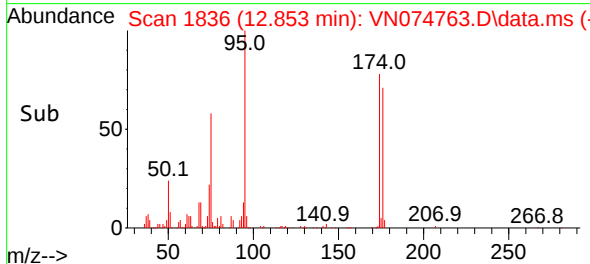
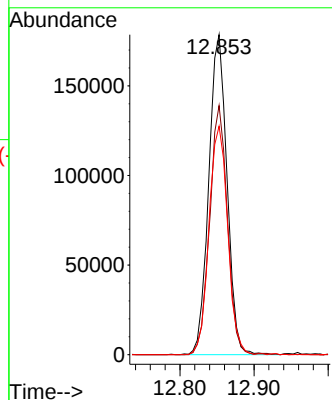
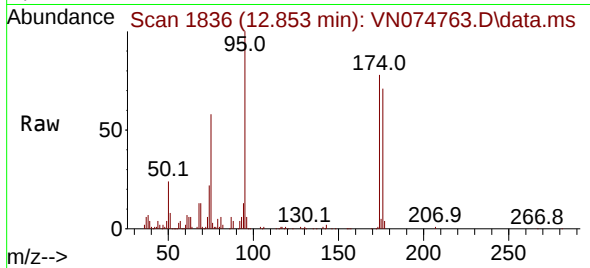




#62
4-Bromofluorobenzene
Concen: 48.325 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074763.D
Acq: 06 Oct 2022 01:39

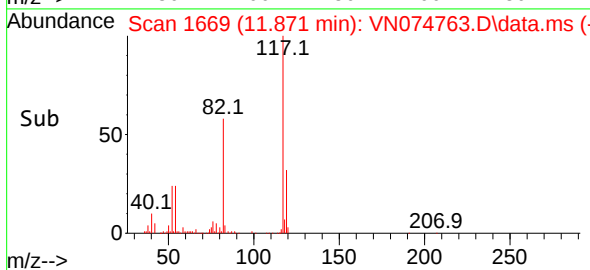
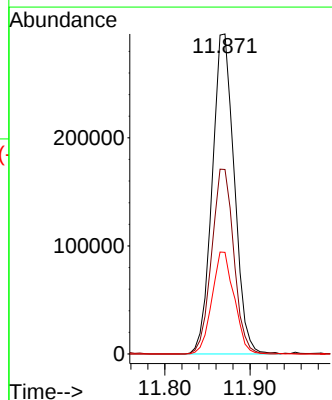
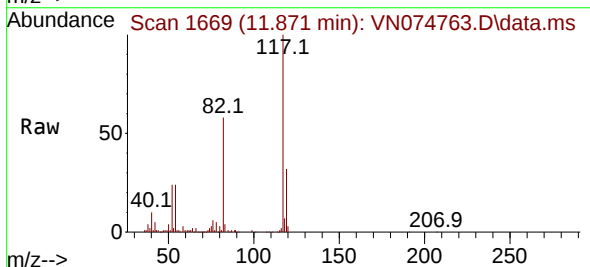
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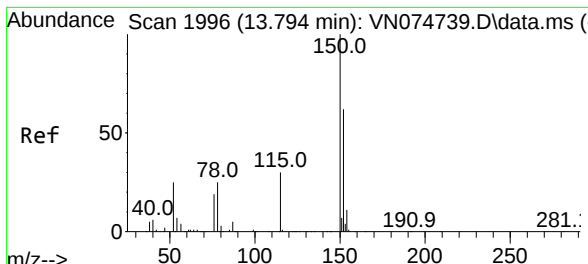
Tgt Ion: 95 Resp: 304839
Ion Ratio Lower Upper
95 100
174 75.8 0.0 149.4
176 73.3 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074763.D
Acq: 06 Oct 2022 01:39

Tgt Ion: 117 Resp: 533762
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 31.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074763.D
 Acq: 06 Oct 2022 01:39

Instrument :
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Tgt Ion:	152	Resp:	257743
Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.0	90.0
150	161.1	0.0	356.4

