

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074544.D
 Acq On : 17 Sep 2022 05:45
 Operator : JC\MD
 Sample : N4549-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-60

Quant Time: Sep 17 06:20:10 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)

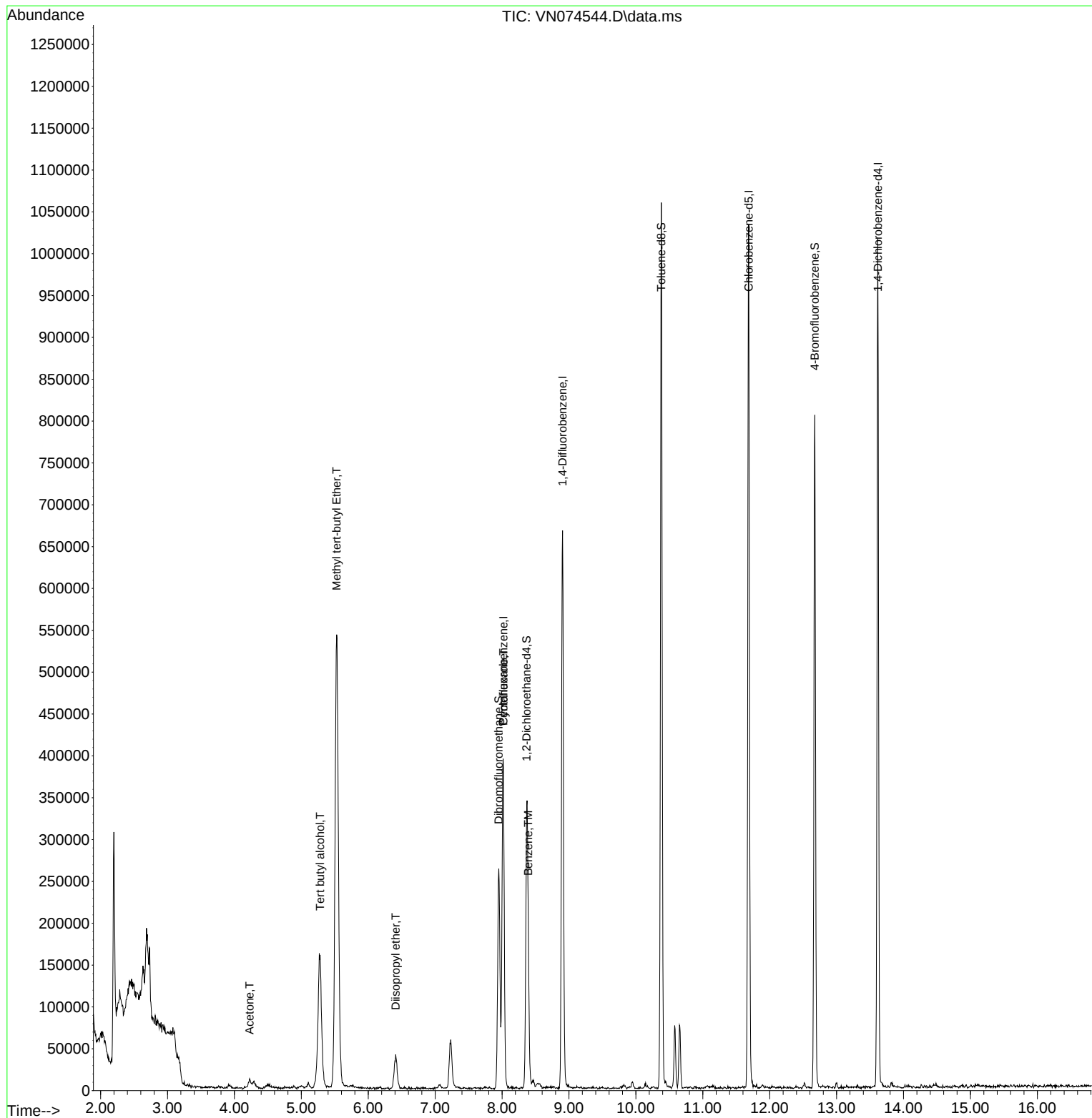
Internal Standards						
1) Pentafluorobenzene	8.022	168	280340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	552843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	535549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	229652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	227054	47.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.460%
35) Dibromofluoromethane	7.951	113	183219	49.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.780%
50) Toluene-d8	10.380	98	670601	47.217	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.674	95	245158	50.399	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	304434	196.473	ug/l	97
16) Acetone	4.228	43	16640	5.467	ug/l	94
19) Methyl tert-butyl Ether	5.528	73	865631	55.628	ug/l	94
22) Diisopropyl ether	6.410	45	50423	2.848	ug/l #	83
31) Cyclohexane	8.022	56	11726	1.389	ug/l #	61
40) Benzene	8.392	78	92782	4.616	ug/l	100

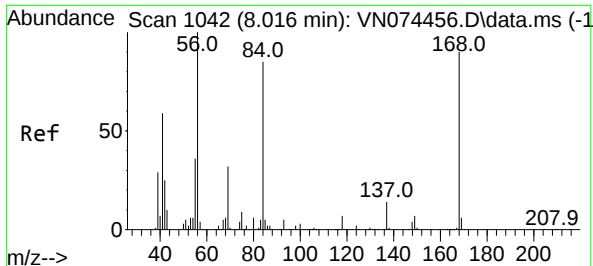
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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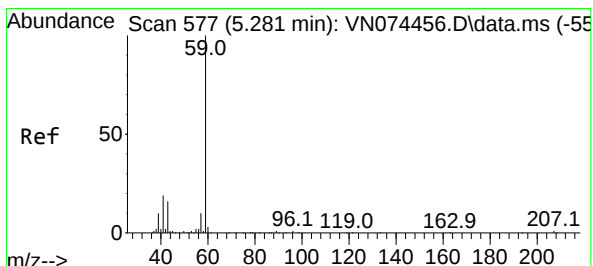
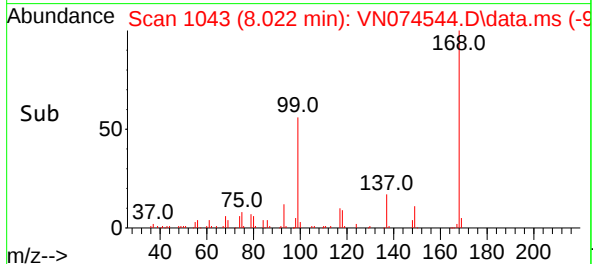
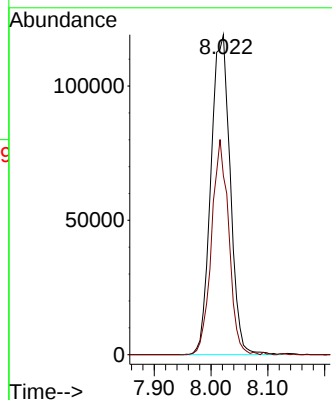
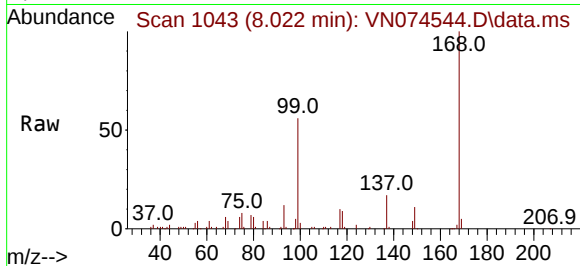




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

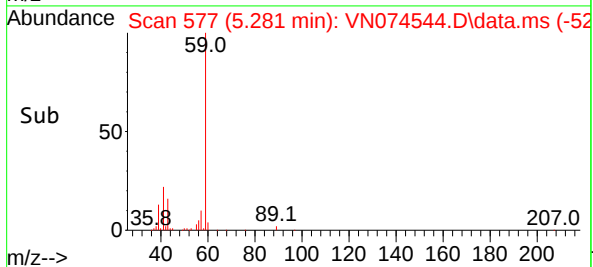
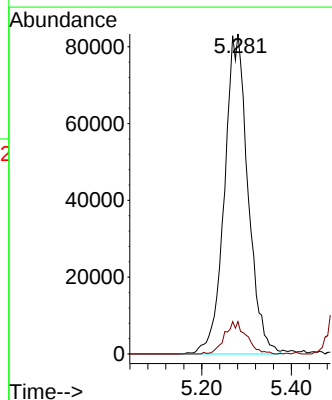
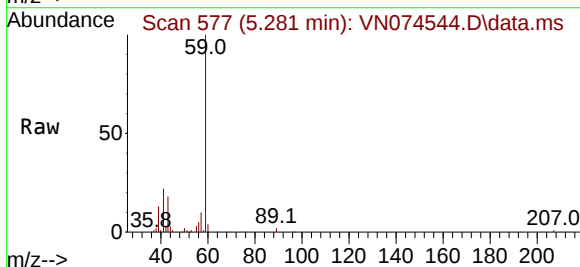
Instrument :
MSVOA_N
ClientSampleId :
MW-60

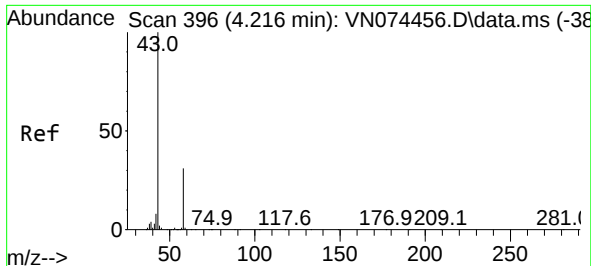
Tgt Ion:168 Resp: 280340
Ion Ratio Lower Upper
168 100
99 55.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 196.473 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

Tgt Ion: 59 Resp: 304434
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5

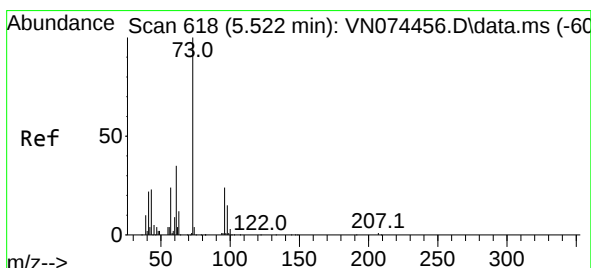
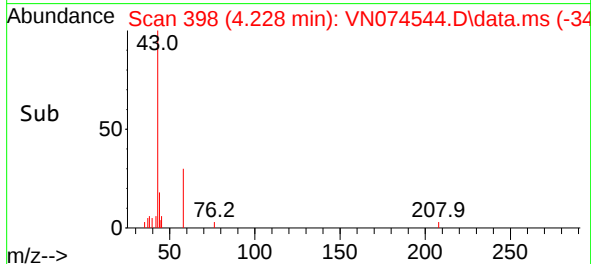
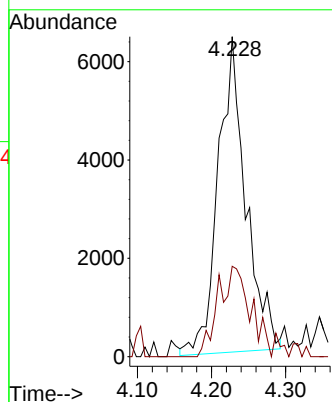
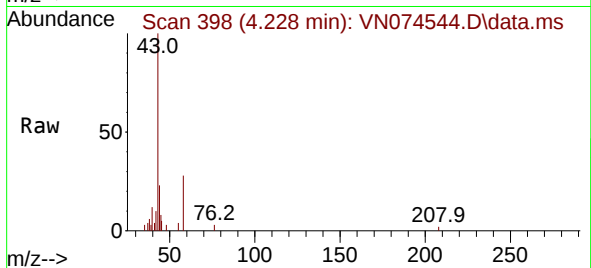




#16
Acetone
Concen: 5.467 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

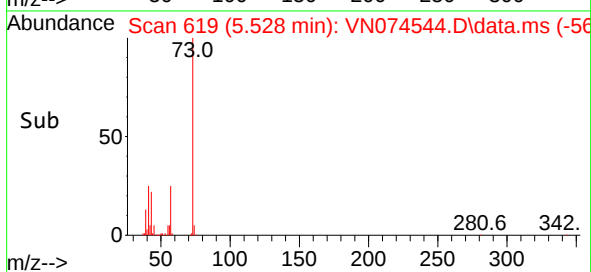
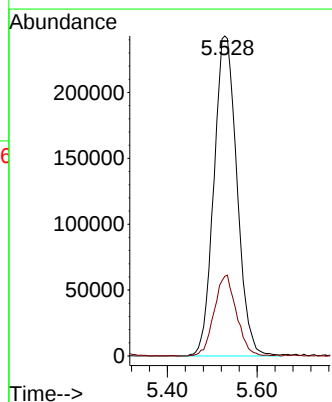
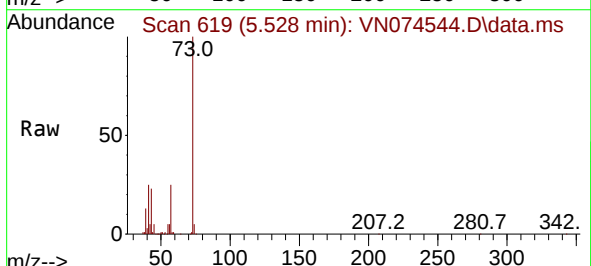
Instrument :
MSVOA_N
ClientSampleId :
MW-60

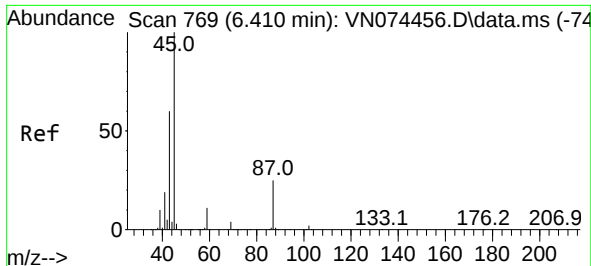
Tgt Ion: 43 Resp: 16640
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 55.628 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

Tgt Ion: 73 Resp: 865631
Ion Ratio Lower Upper
73 100
57 24.9 17.6 26.4

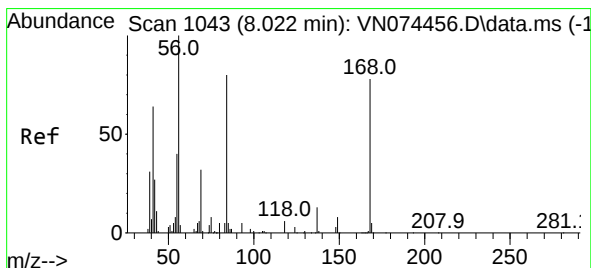
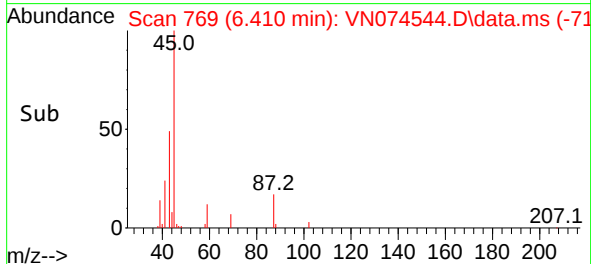
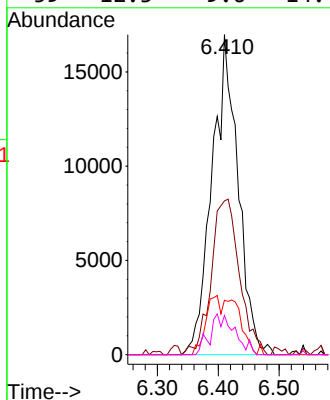
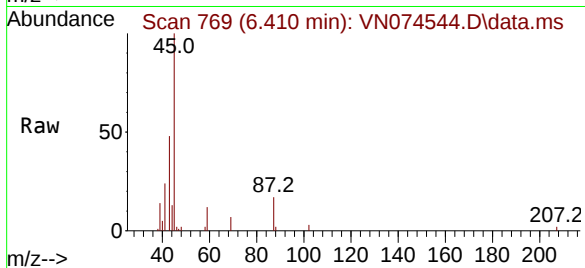




#22
Diisopropyl ether
Concen: 2.848 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

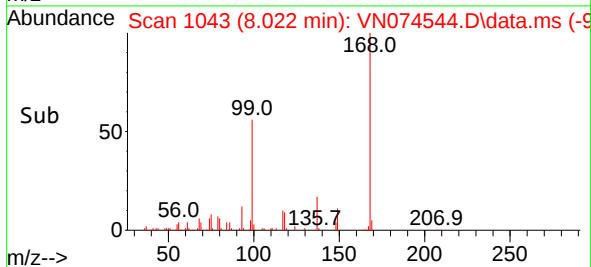
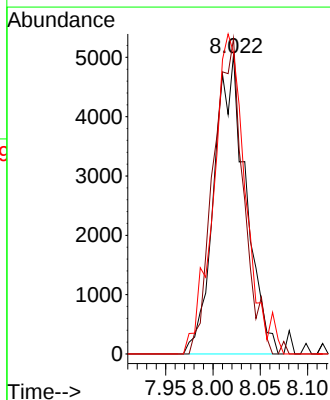
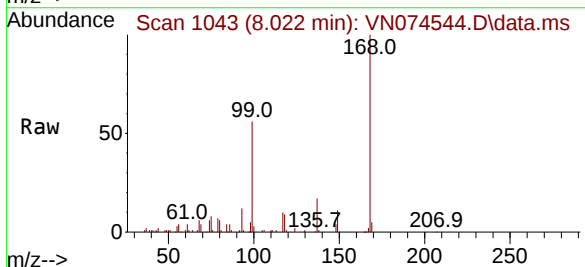
Instrument :
MSVOA_N
ClientSampleId :
MW-60

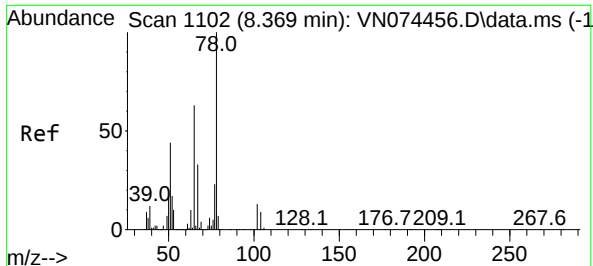
Tgt Ion:	45	Resp:	50423
Ion Ratio	Lower	Upper	
45	100		
43	46.2	46.6	70.0#
87	17.0	24.3	36.5#
59	12.3	9.6	14.4



#31
Cyclohexane
Concen: 1.389 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

Tgt Ion:	56	Resp:	11726
Ion Ratio	Lower	Upper	
56	100		
69	105.4	27.8	41.8#
84	105.0	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 47.734 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074544.D

Acq: 17 Sep 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

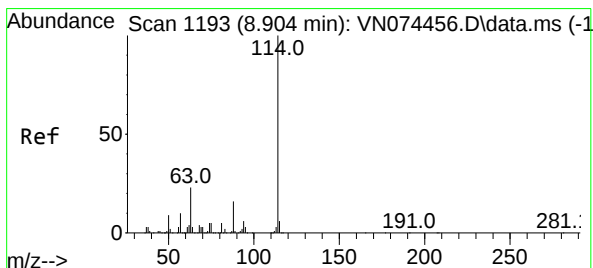
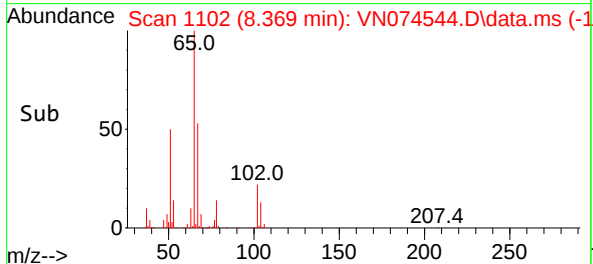
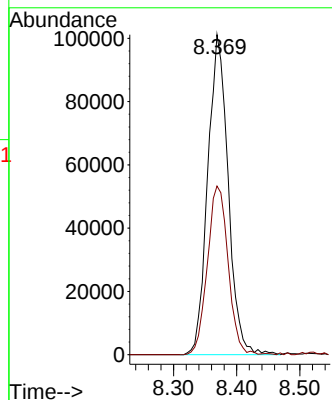
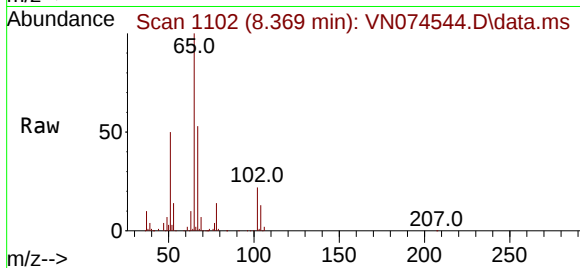
MW-60

Tgt Ion: 65 Resp: 227054

Ion Ratio Lower Upper

65 100

67 53.5 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: VN074544.D

Acq: 17 Sep 2022 05:45

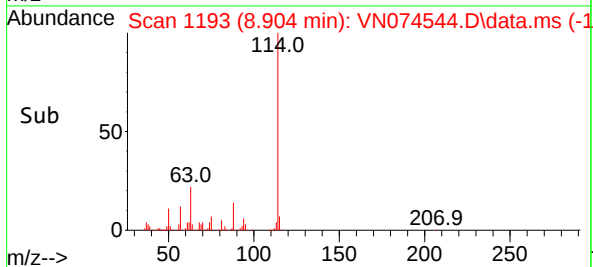
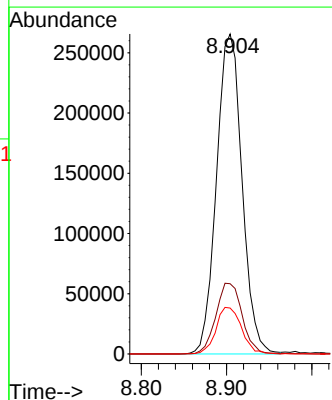
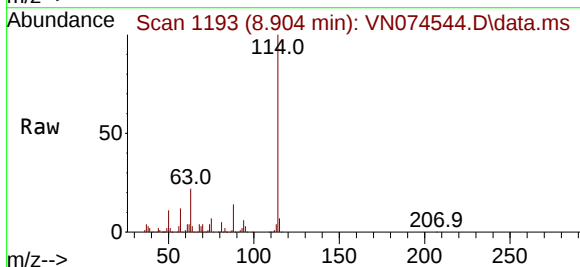
Tgt Ion: 114 Resp: 552843

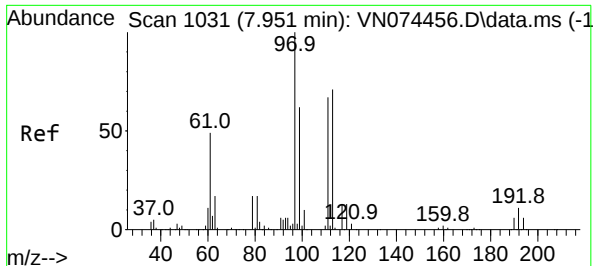
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.890 ug/l

RT: 7.951 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074544.D

Acq: 17 Sep 2022 05:45

Instrument :

MSVOA_N

ClientSampleId :

MW-60

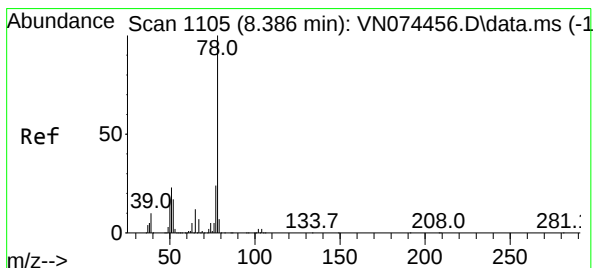
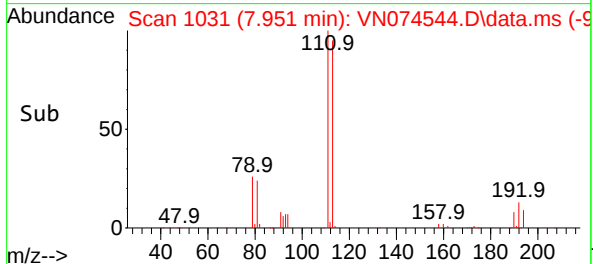
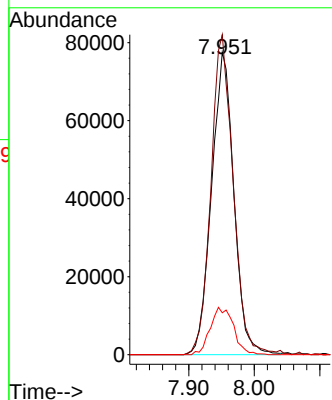
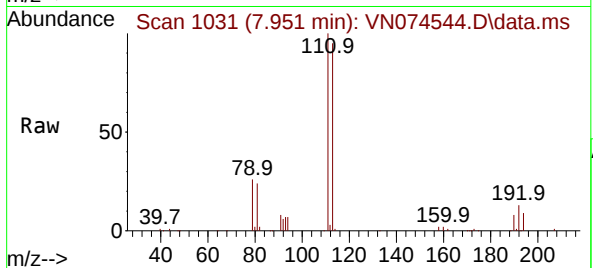
Tgt Ion:113 Resp: 183219

Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 16.4 17.0 25.6#



#40

Benzene

Concen: 4.616 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074544.D

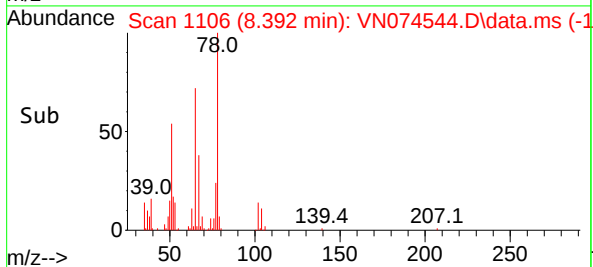
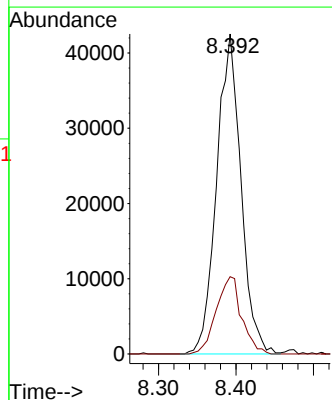
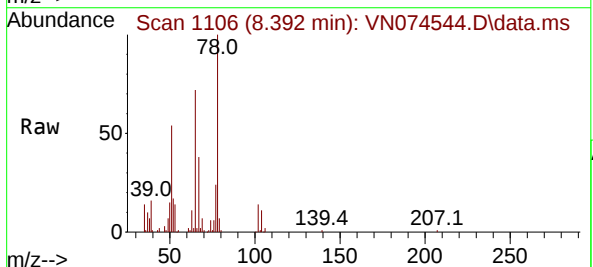
Acq: 17 Sep 2022 05:45

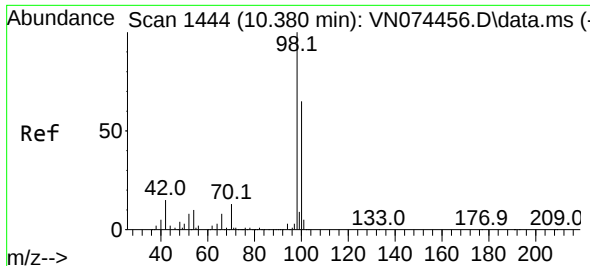
Tgt Ion: 78 Resp: 92782

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

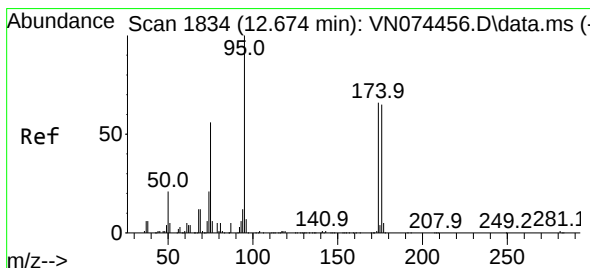
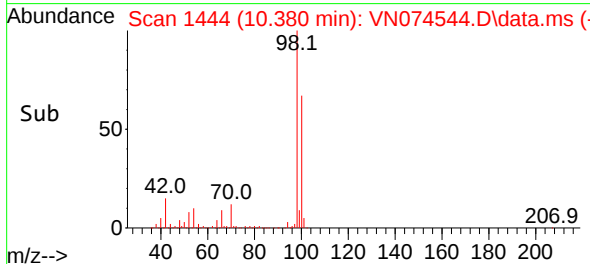
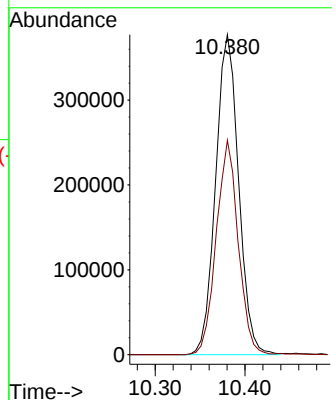
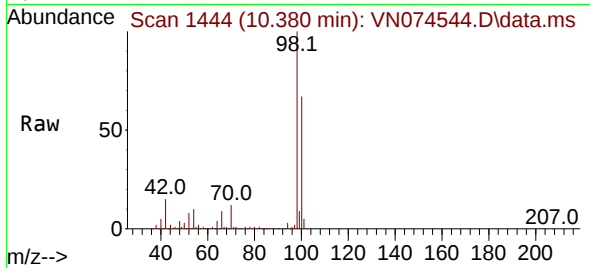




#50
Toluene-d8
Concen: 47.217 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

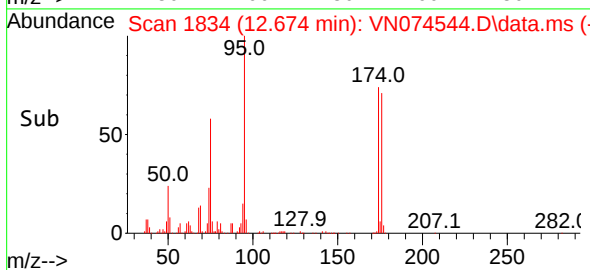
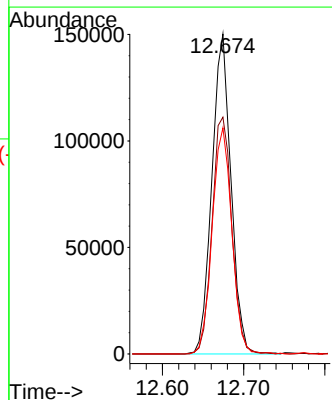
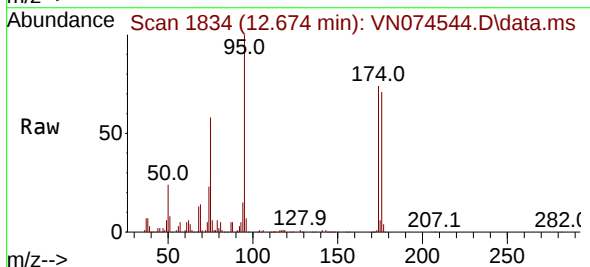
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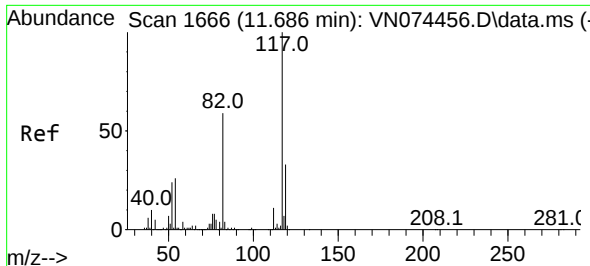
Tgt Ion: 98 Resp: 670601
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.399 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

Tgt Ion: 95 Resp: 245158
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 72.7 0.0 163.4

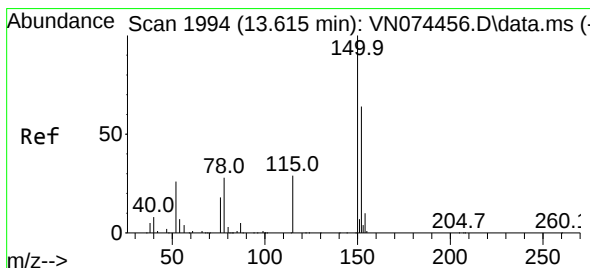
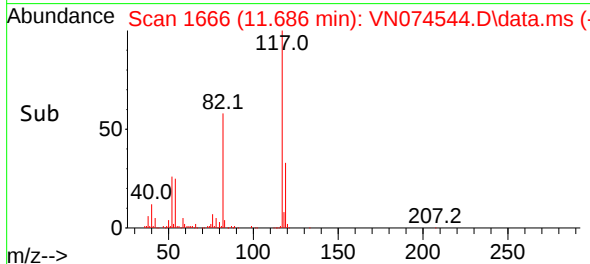
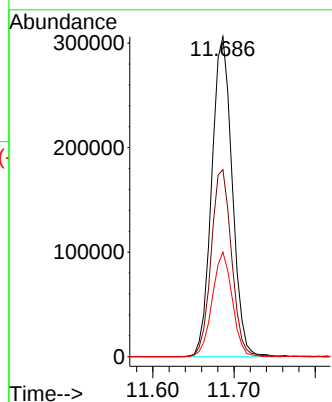
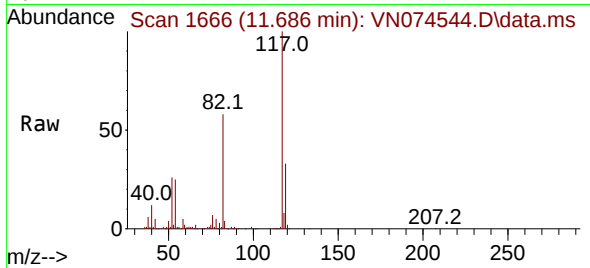




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

Instrument :
MSVOA_N
ClientSampleId :
MW-60

Tgt Ion:117 Resp: 535549
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074544.D
Acq: 17 Sep 2022 05:45

Tgt Ion:152 Resp: 229652
Ion Ratio Lower Upper
152 100
115 61.7 28.9 86.7
150 160.8 0.0 356.2

