

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074530.D
 Acq On : 17 Sep 2022 00:06
 Operator : JC\MD
 Sample : N4549-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-47

Quant Time: Sep 17 06:17:34 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)

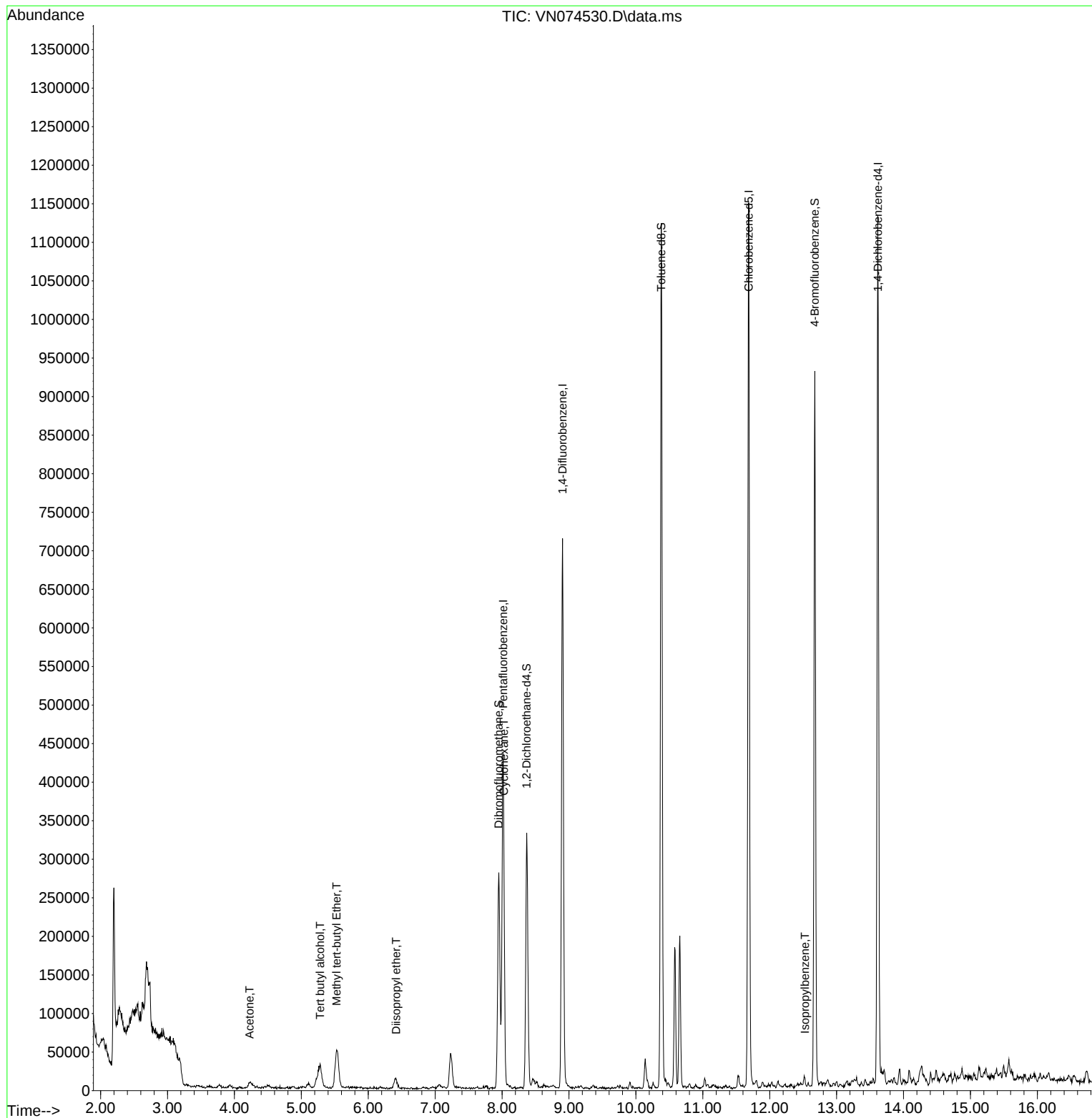
Internal Standards						
1) Pentafluorobenzene	8.016	168	300354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	580306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	584985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	258986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	241687	47.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.840%
35) Dibromofluoromethane	7.951	113	194151	50.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	10.380	98	737110	49.443	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.674	95	281475	55.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	61284	36.915	ug/l #	89
16) Acetone	4.228	43	15291	4.689	ug/l #	67
19) Methyl tert-butyl Ether	5.528	73	76847	4.609	ug/l	100
22) Diisopropyl ether	6.416	45	16509	0.870	ug/l #	70
31) Cyclohexane	8.028	56	13536	1.496	ug/l #	63
73) Isopropylbenzene	12.527	105	6345	0.239	ug/l	86

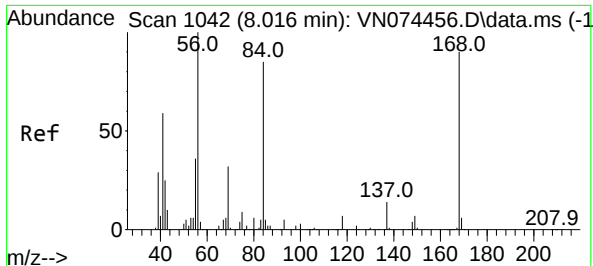
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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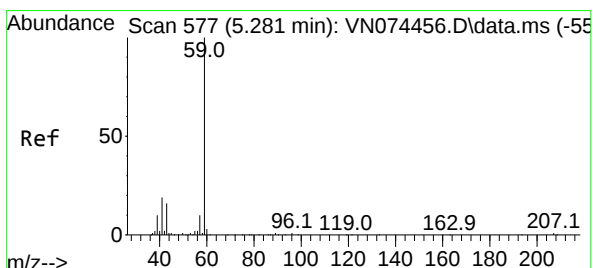
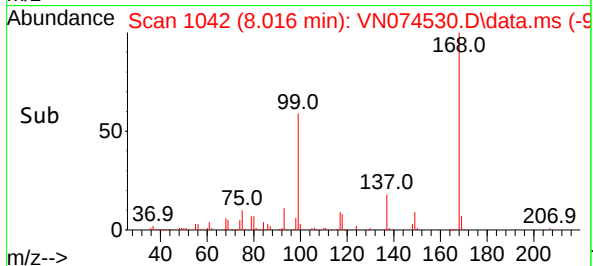
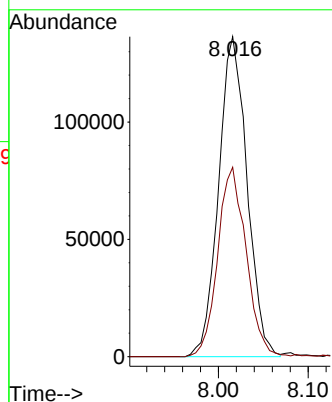
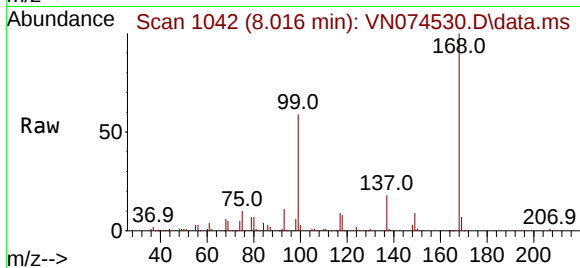




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

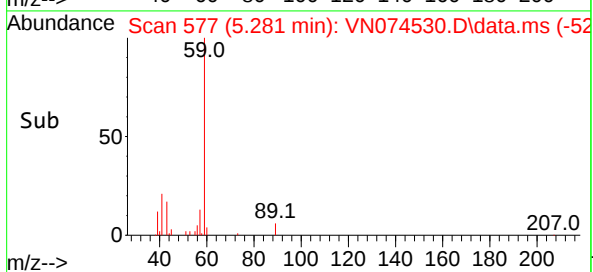
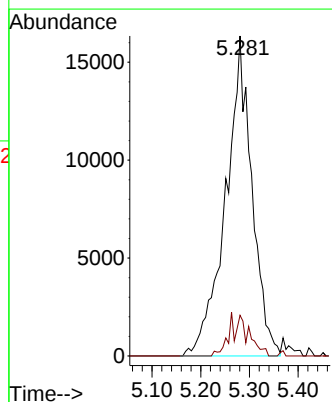
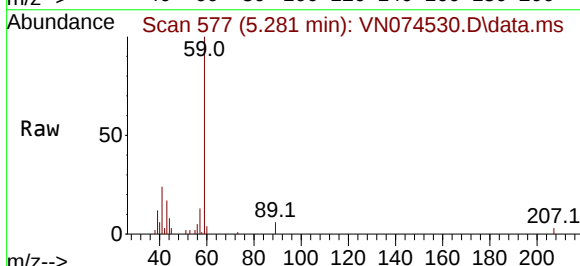
Instrument :
MSVOA_N
ClientSampleId :
MW-47

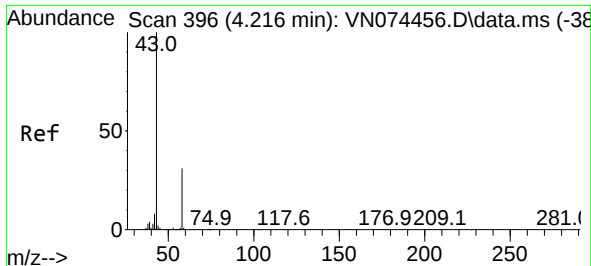
Tgt Ion:168 Resp: 300354
Ion Ratio Lower Upper
168 100
99 59.2 42.3 63.5



#11
Tert butyl alcohol
Concen: 36.915 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

Tgt Ion: 59 Resp: 61284
Ion Ratio Lower Upper
59 100
57 6.1 8.3 12.5#

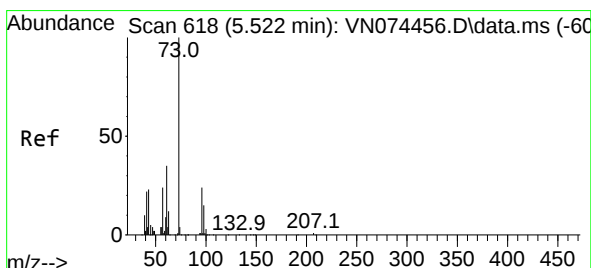
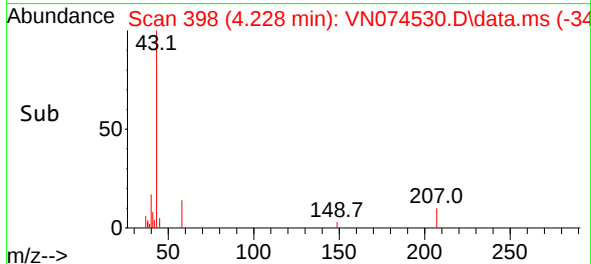
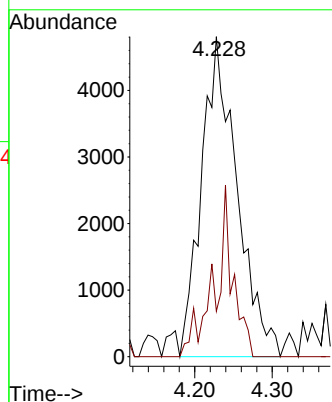
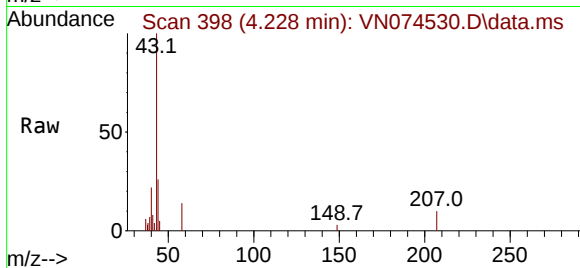




#16
Acetone
Concen: 4.689 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

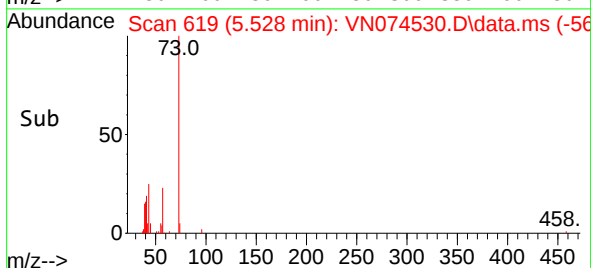
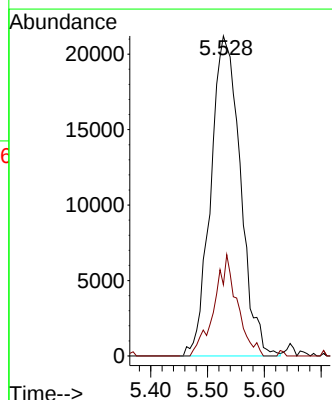
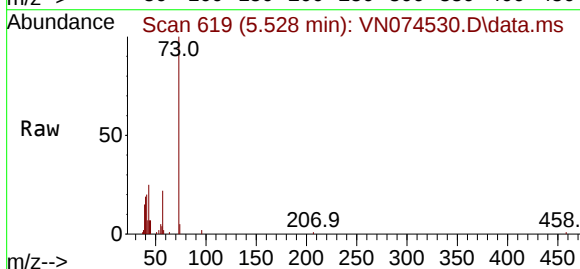
Instrument :
MSVOA_N
ClientSampleId :
MW-47

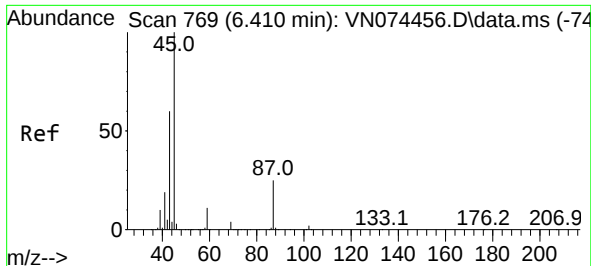
Tgt Ion: 43 Resp: 15291
Ion Ratio Lower Upper
43 100
58 14.2 26.0 39.0#



#19
Methyl tert-butyl Ether
Concen: 4.609 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

Tgt Ion: 73 Resp: 76847
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

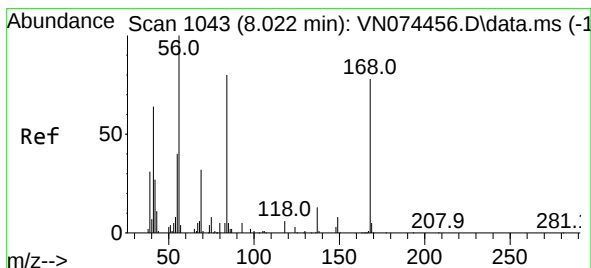
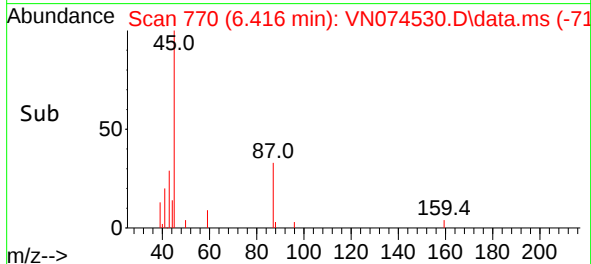
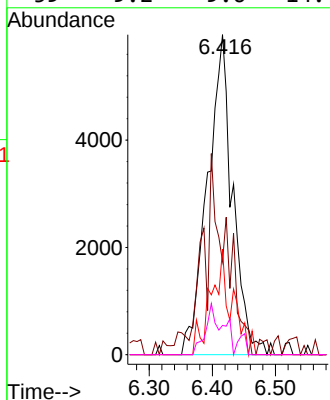
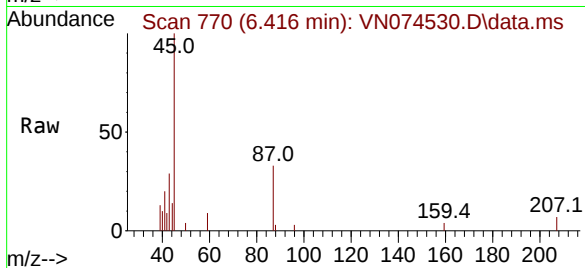




#22
Diisopropyl ether
Concen: 0.870 ug/l
RT: 6.416 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

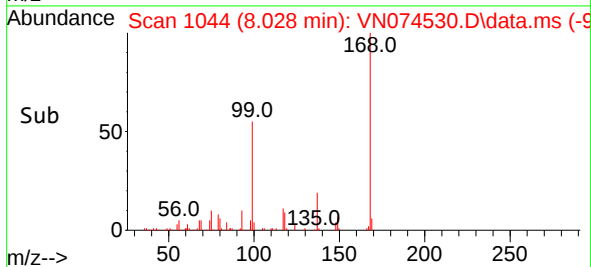
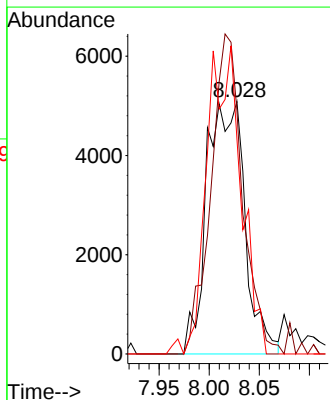
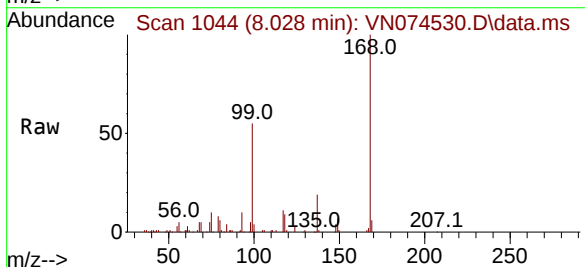
Instrument :
MSVOA_N
ClientSampleId :
MW-47

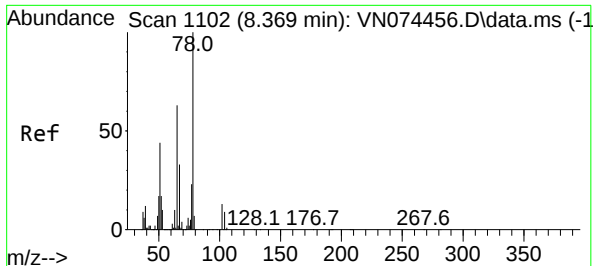
Tgt Ion:	45	Resp:	16509
Ion Ratio	Lower	Upper	
45	100		
43	23.2	46.6	70.0#
87	33.0	24.3	36.5
59	9.2	9.6	14.4#



#31
Cyclohexane
Concen: 1.496 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

Tgt Ion:	56	Resp:	13536
Ion Ratio	Lower	Upper	
56	100		
69	92.1	27.8	41.8#
84	81.5	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 47.425 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074530.D

Acq: 17 Sep 2022 00:06

Instrument :

MSVOA_N

ClientSampleId :

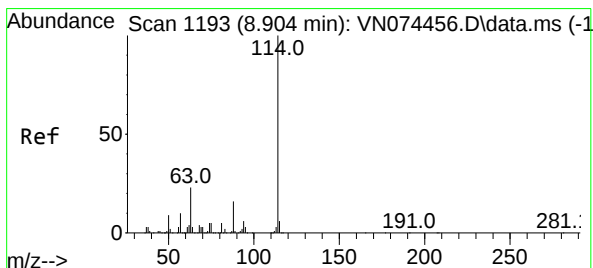
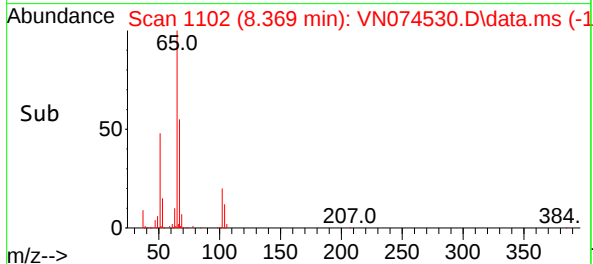
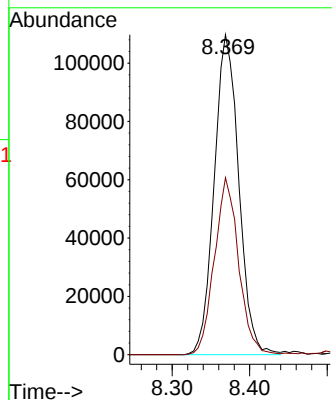
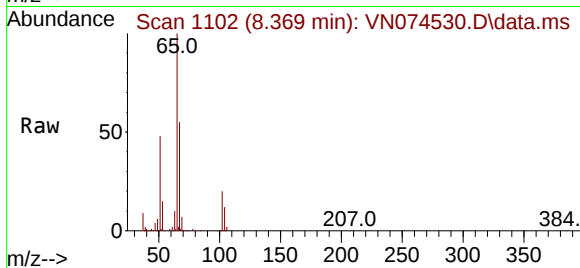
MW-47

Tgt Ion: 65 Resp: 241687

Ion Ratio Lower Upper

65 100

67 54.5 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: VN074530.D

Acq: 17 Sep 2022 00:06

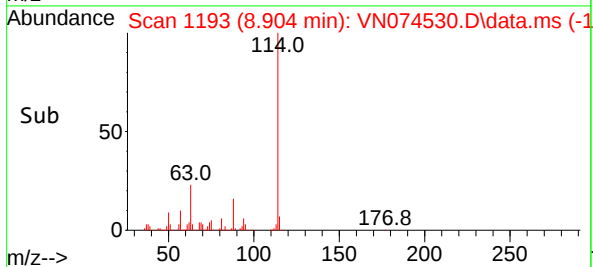
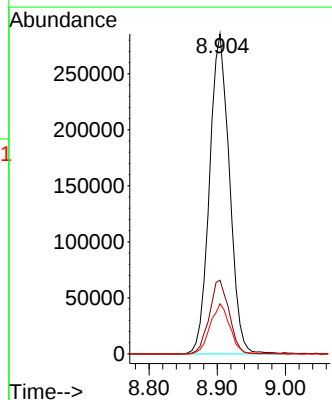
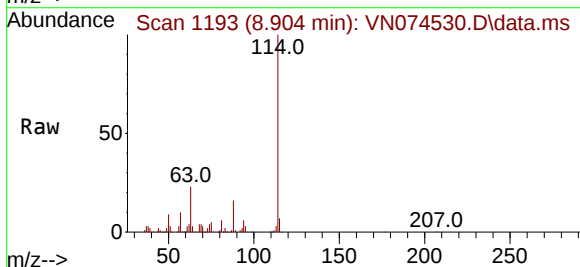
Tgt Ion: 114 Resp: 580306

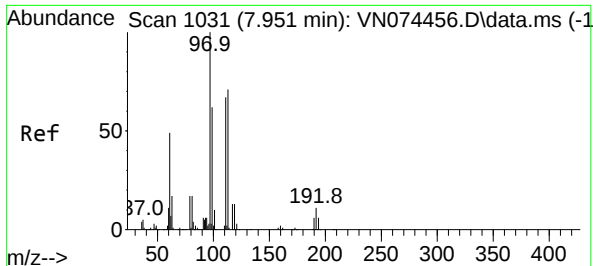
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 15.7 0.0 32.6

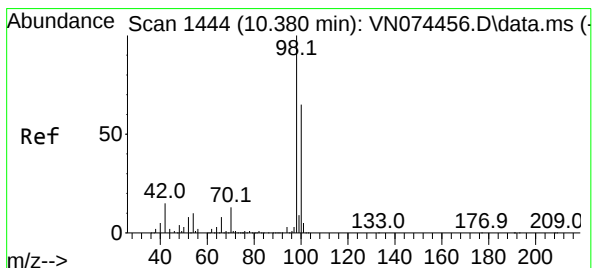
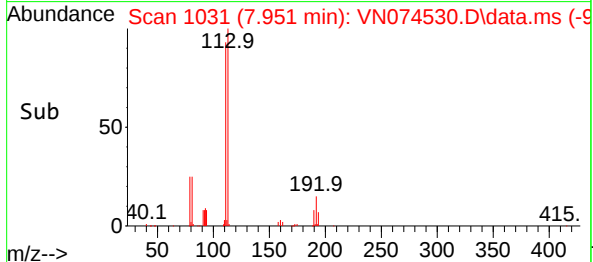
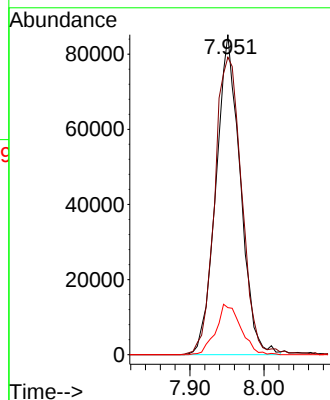
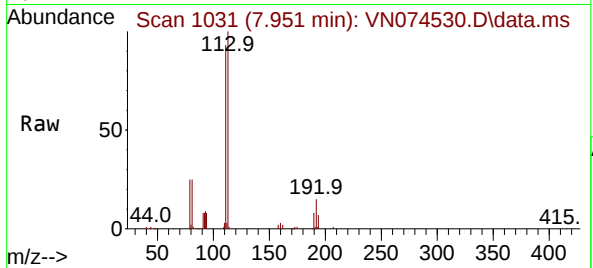




#35
Dibromofluoromethane
Concen: 50.365 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

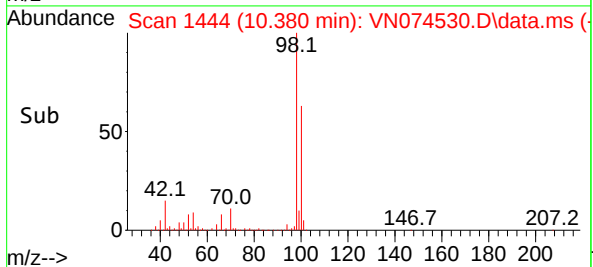
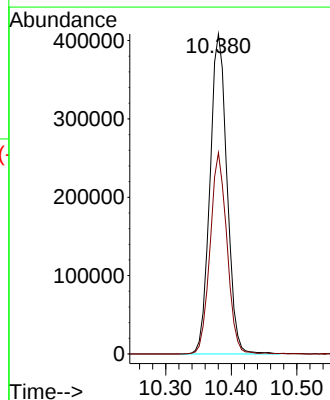
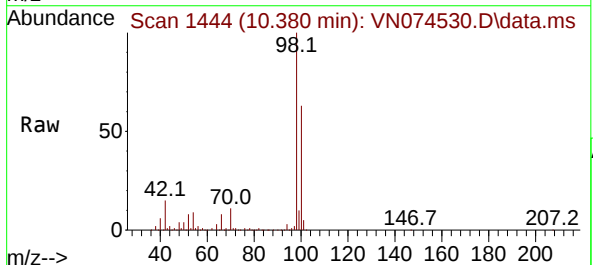
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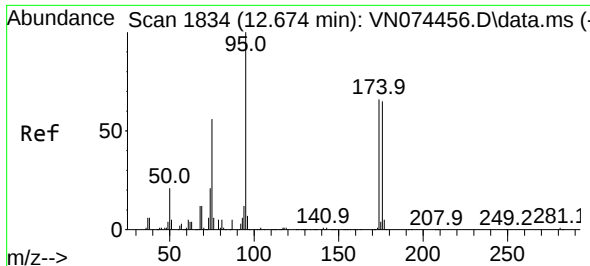
Tgt Ion:113 Resp: 194151
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 16.1 17.0 25.6#



#50
Toluene-d8
Concen: 49.443 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

Tgt Ion: 98 Resp: 737110
Ion Ratio Lower Upper
98 100
100 62.0 52.6 78.8

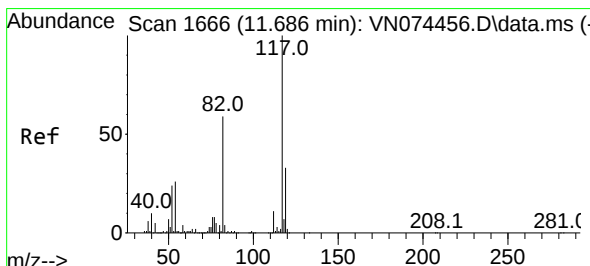
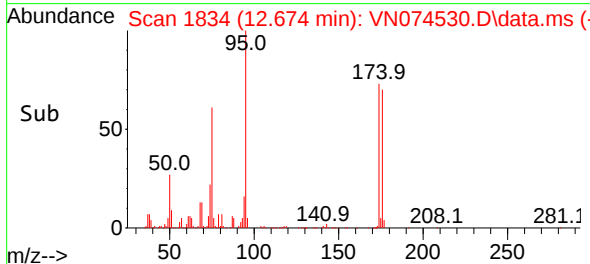
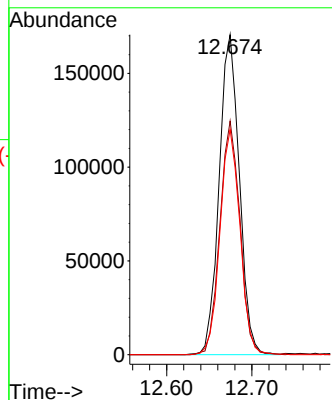
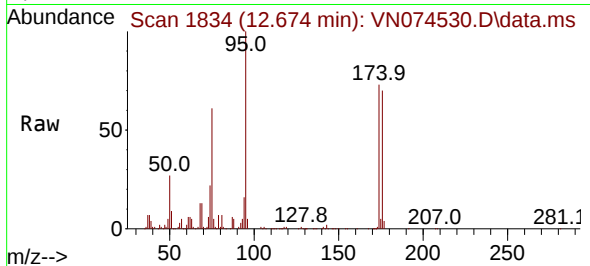




#62
4-Bromofluorobenzene
Concen: 55.126 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

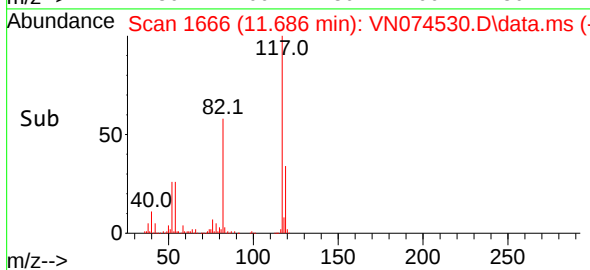
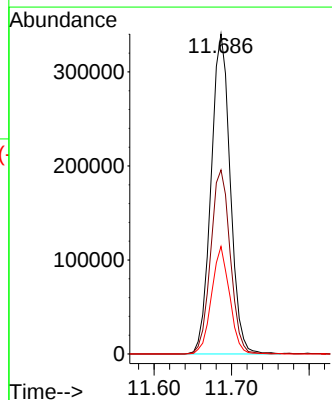
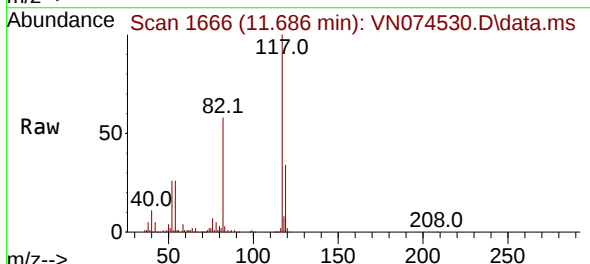
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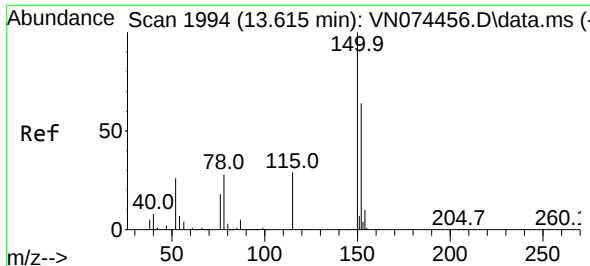
Tgt Ion: 95 Resp: 281475
Ion Ratio Lower Upper
95 100
174 72.5 0.0 167.6
176 69.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074530.D
Acq: 17 Sep 2022 00:06

Tgt Ion: 117 Resp: 584985
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 33.6 25.4 38.0

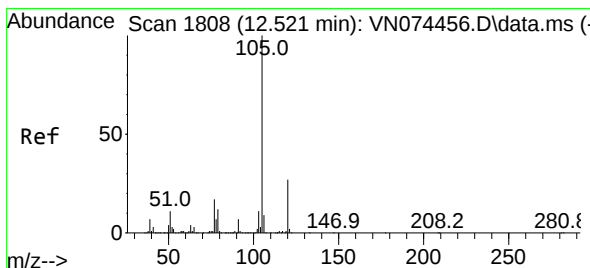
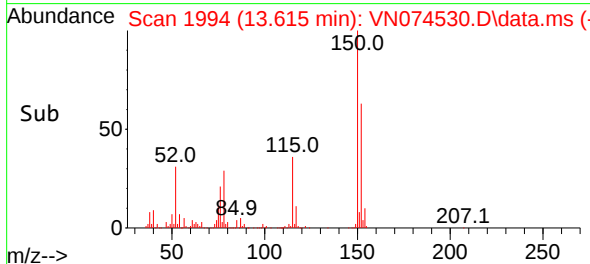
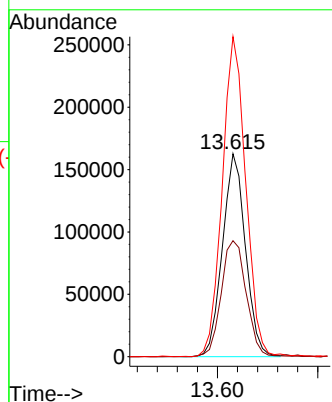
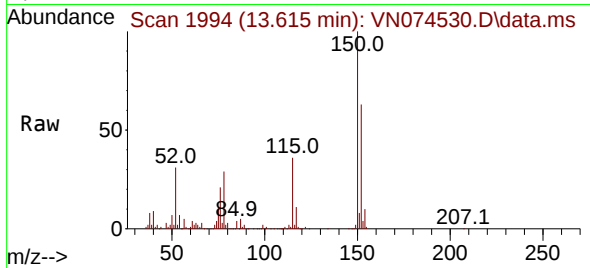




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074530.D
 Acq: 17 Sep 2022 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-47

Tgt Ion:152 Resp: 258986
 Ion Ratio Lower Upper
 152 100
 115 62.2 28.9 86.7
 150 161.3 0.0 356.2



#73
 Isopropylbenzene
 Concen: 0.239 ug/l
 RT: 12.527 min Scan# 1809
 Delta R.T. 0.006 min
 Lab File: VN074530.D
 Acq: 17 Sep 2022 00:06

Tgt Ion:105 Resp: 6345
 Ion Ratio Lower Upper
 105 100
 120 19.4 13.5 40.4

