

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075418.D
 Acq On : 25 Nov 2022 14:07
 Operator : JC\MD
 Sample : N5756-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20221119

Quant Time: Nov 28 03:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

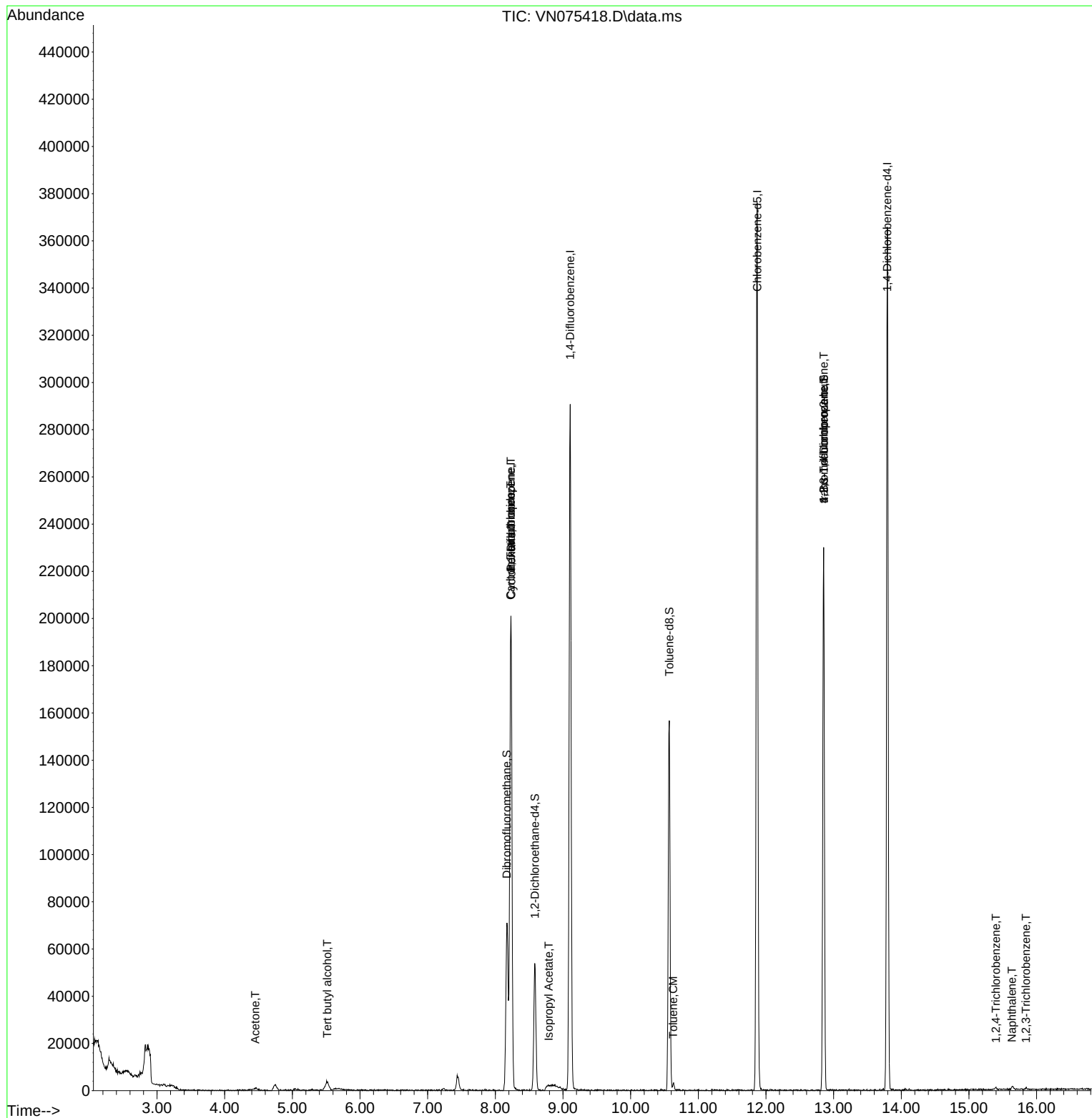
Internal Standards						
1) Pentafluorobenzene	8.229	168	157284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	237914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	43271	51.252	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.500%	
35) Dibromofluoromethane	8.171	113	51895	48.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.900%	
50) Toluene-d8	10.570	98	115491	47.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.760%	
62) 4-Bromofluorobenzene	12.853	95	79793	44.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	3597	10.149	ug/l #	72
16) Acetone	4.453	43	1381	1.754	ug/l	92
18) Methyl Acetate	5.047	43	1390	Below Cal	#	55
20) Methylene Chloride	5.283	84	56	Below Cal	#	7
31) Cyclohexane	8.235	56	2919	1.088	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	11172	4.783	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16649	6.489	ug/l #	17
43) Isopropyl Acetate	8.788	43	2373	0.703	ug/l #	53
52) Toluene	10.629	92	1550	0.336	ug/l	91
76) 1,2,3-Trichloropropane	12.853	75	41364	21.374	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	41364	63.242	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.400	180	416	0.238	ug/l #	74
95) Naphthalene	15.635	128	2199	0.400	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	504	0.293	ug/l #	62

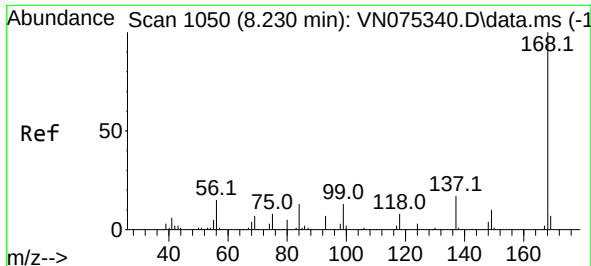
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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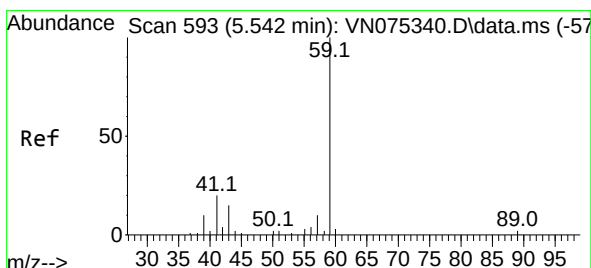
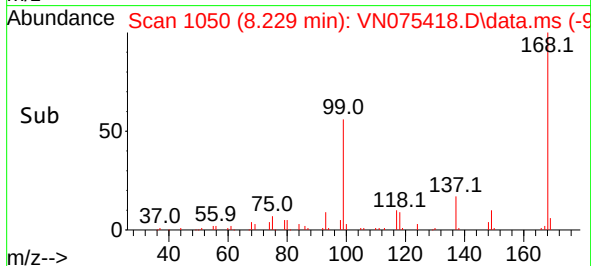
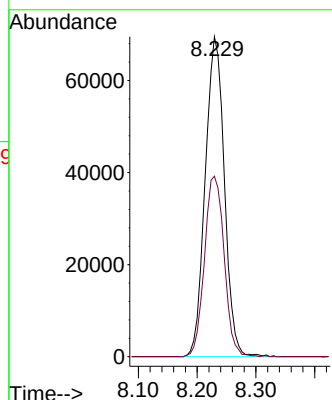
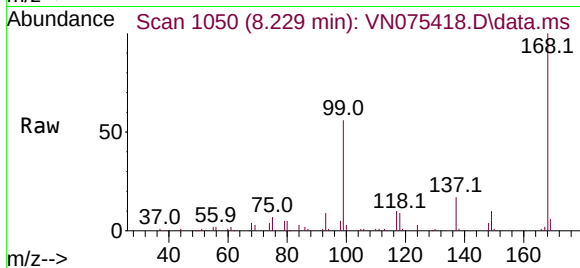




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

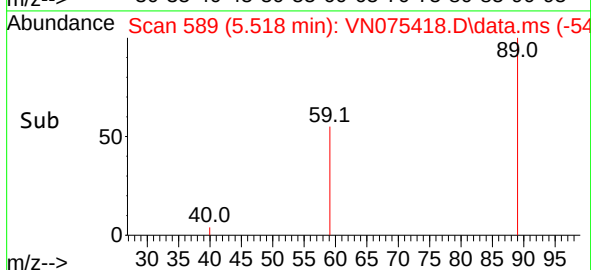
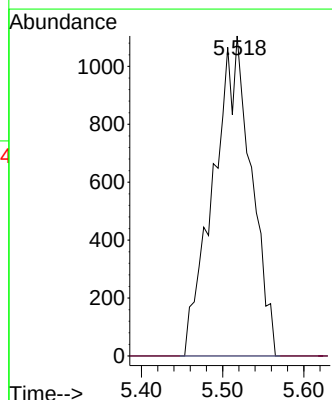
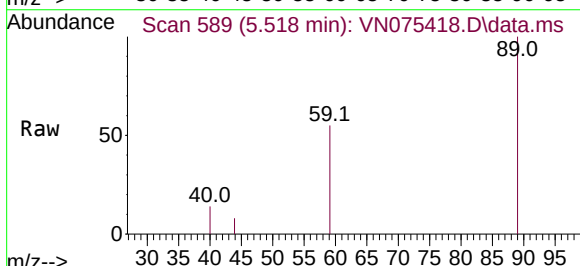
Instrument :
MSVOA_N
ClientSampleId :
DUP05-20221119

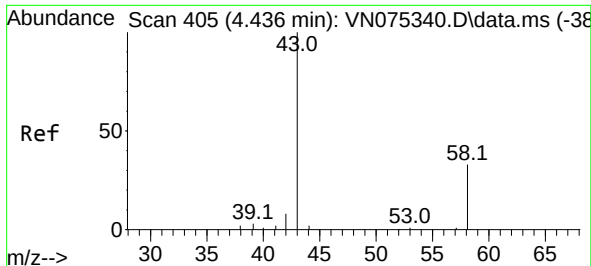
Tgt Ion:168 Resp: 157284
Ion Ratio Lower Upper
168 100
99 56.4 51.6 77.4



#11
Tert butyl alcohol
Concen: 10.149 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Tgt Ion: 59 Resp: 3597
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 1.754 ug/l

RT: 4.453 min Scan# 405

Delta R.T. 0.017 min

Lab File: VN075418.D

Acq: 25 Nov 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

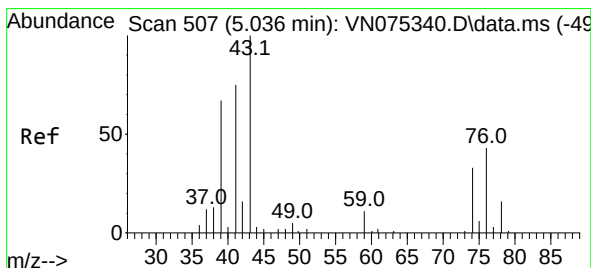
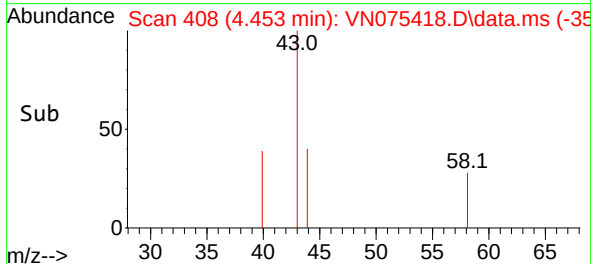
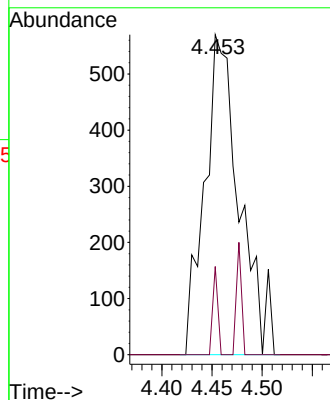
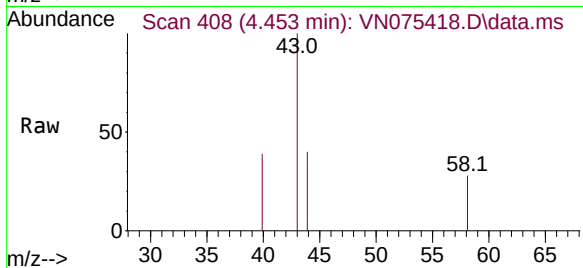
DUP05-20221119

Tgt Ion: 43 Resp: 1381

Ion Ratio Lower Upper

43 100

58 27.5 25.5 38.3



#18

Methyl Acetate

Concen: Below Cal

RT: 5.047 min Scan# 509

Delta R.T. 0.011 min

Lab File: VN075418.D

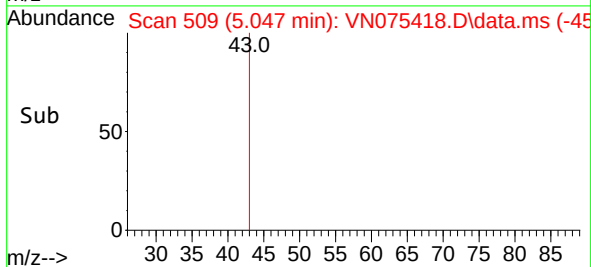
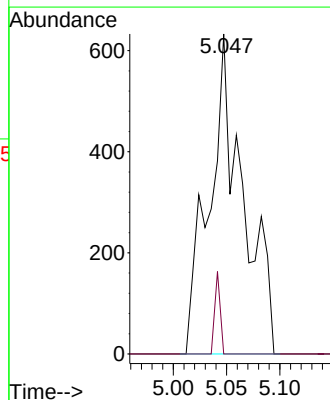
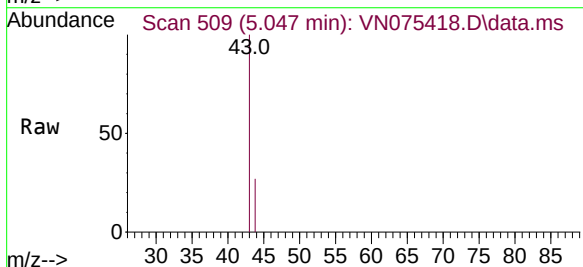
Acq: 25 Nov 2022 14:07

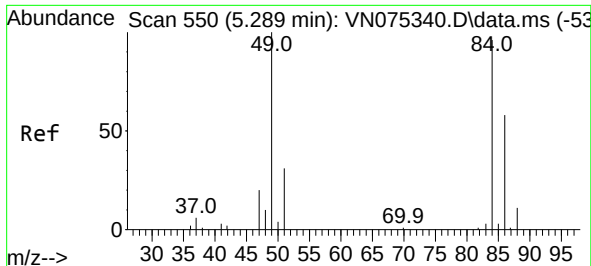
Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

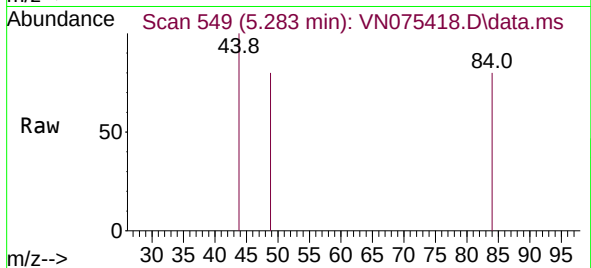
74 4.1 22.0 33.0#



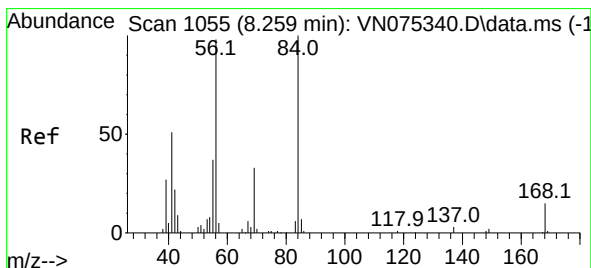
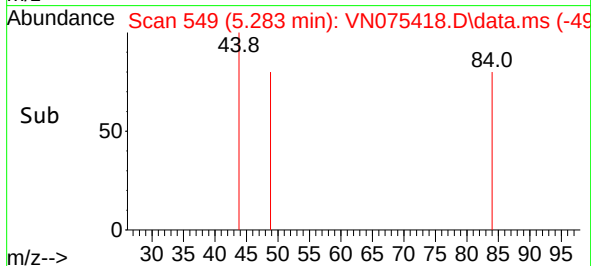
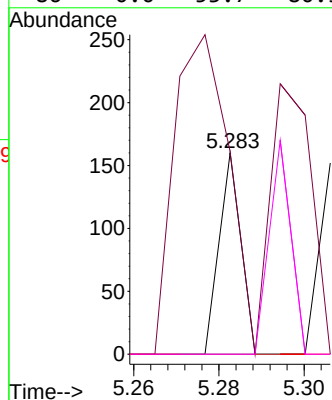


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20221119

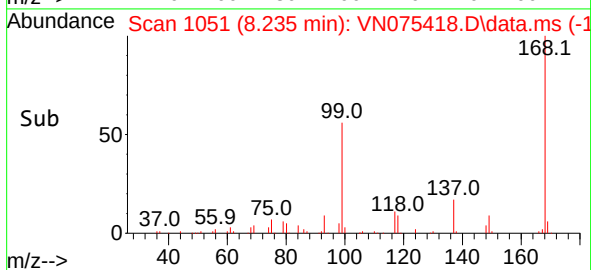
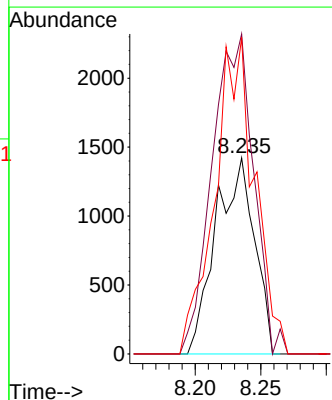
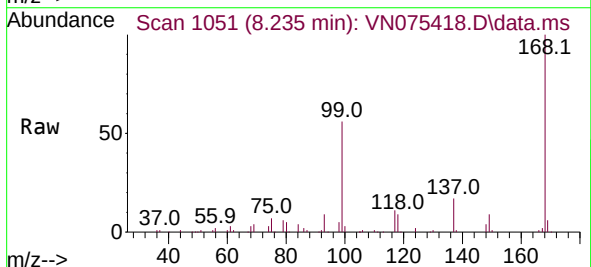


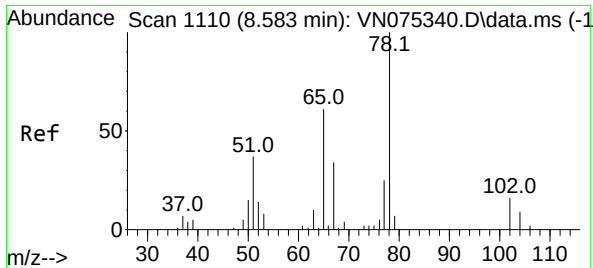
Tgt Ion:	84	Resp:	56
Ion	Ratio	Lower	Upper
84	100		
49	0.0	94.9	142.3#
51	0.0	26.8	40.2#
86	0.0	53.7	80.5#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Tgt Ion:	56	Resp:	2919
Ion	Ratio	Lower	Upper
56	100		
69	163.2	25.2	37.8#
84	161.5	77.8	116.8#





#33

1,2-Dichloroethane-d4

Concen: 51.252 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075418.D

Acq: 25 Nov 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

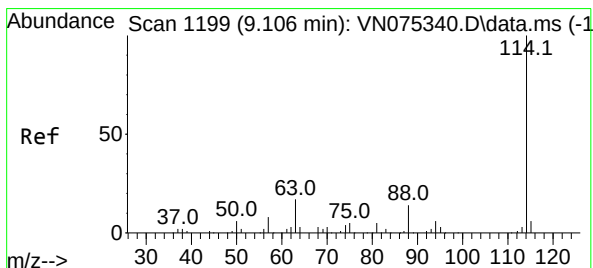
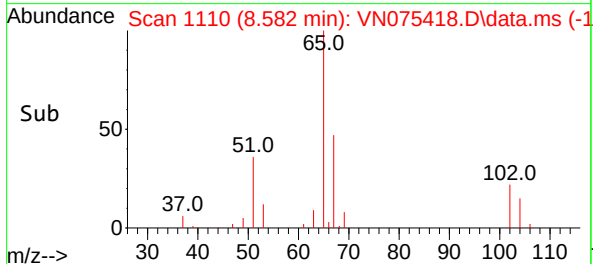
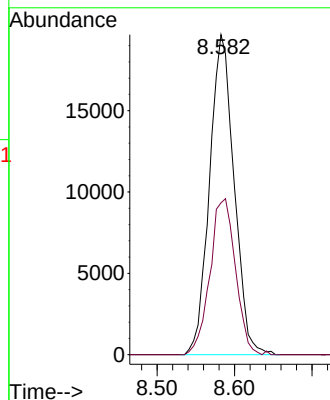
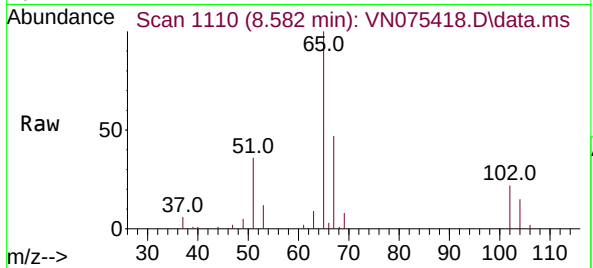
DUP05-20221119

Tgt Ion: 65 Resp: 43271

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075418.D

Acq: 25 Nov 2022 14:07

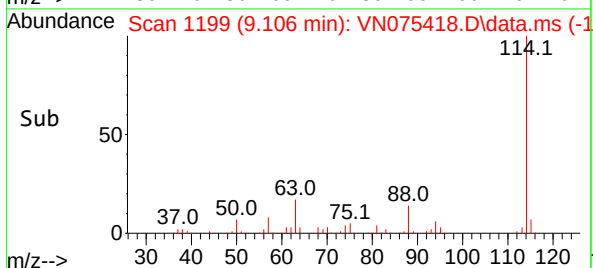
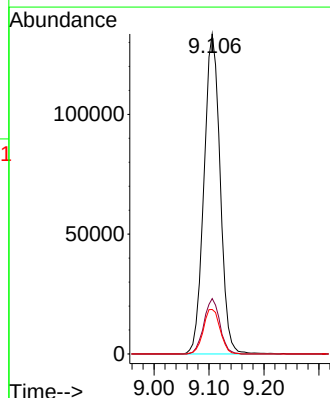
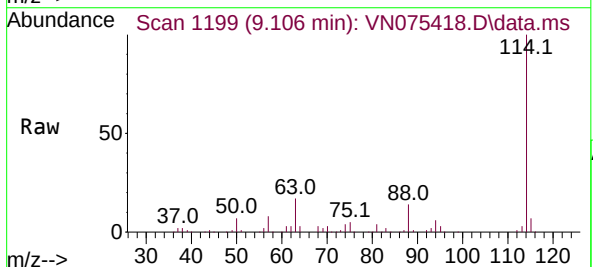
Tgt Ion:114 Resp: 272649

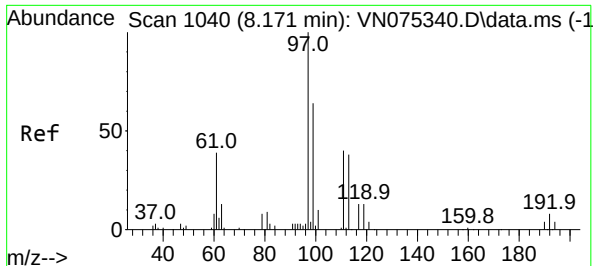
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 13.9 0.0 29.0

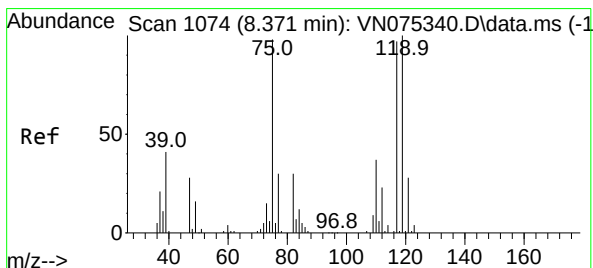
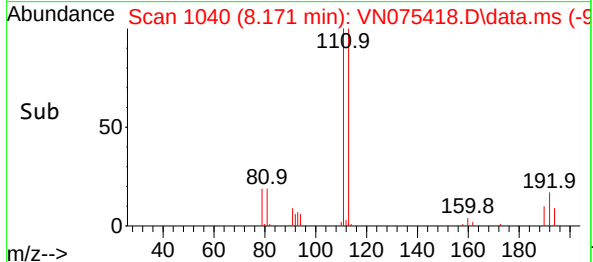
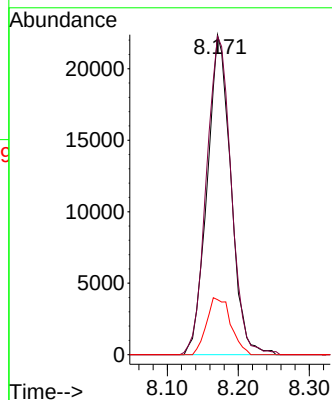
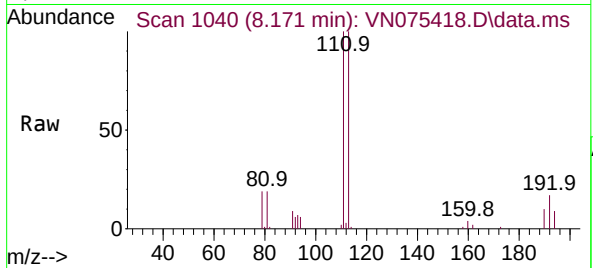




#35
Dibromofluoromethane
Concen: 48.452 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

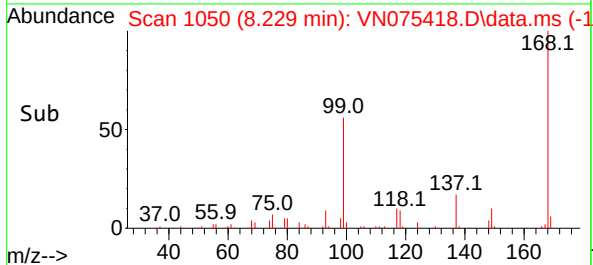
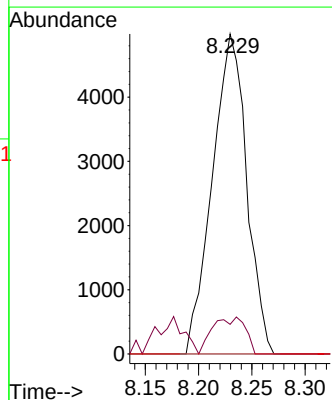
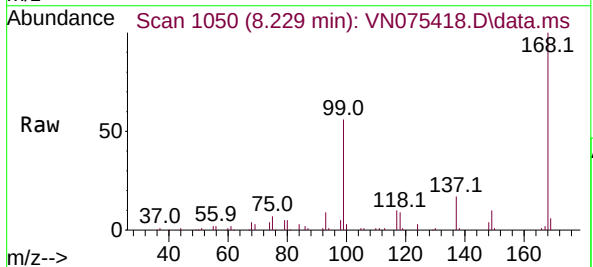
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DUP05-20221119

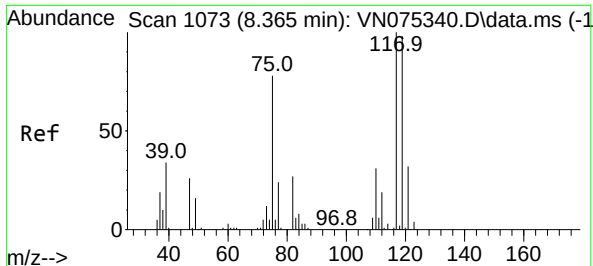
Tgt Ion:113 Resp: 51895
Ion Ratio Lower Upper
113 100
111 103.9 80.5 120.7
192 18.1 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

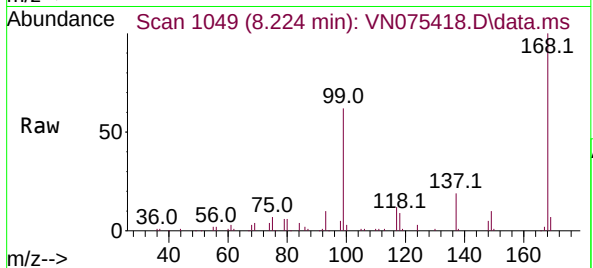
Tgt Ion: 75 Resp: 11172
Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.3#
77 0.0 24.6 37.0#



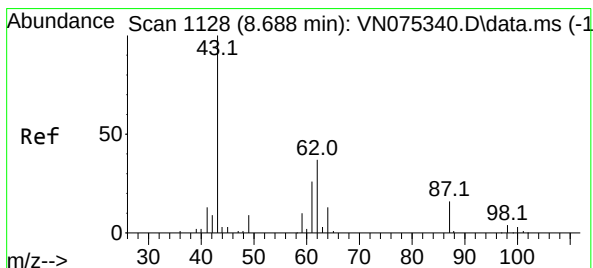
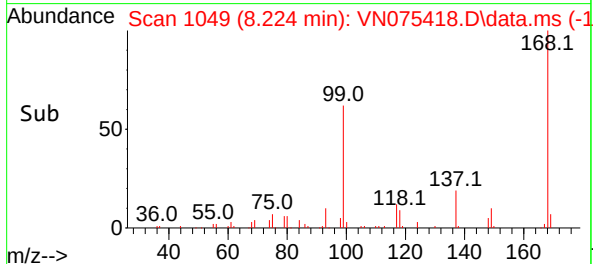
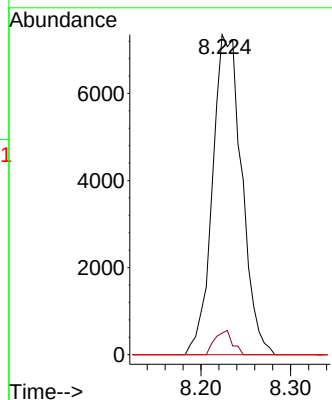


#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 8.224 min Scan# 1145
Delta R.T. -0.141 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20221119

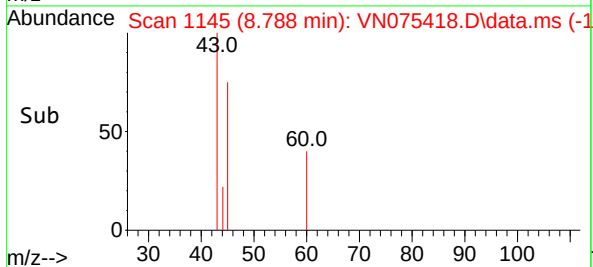
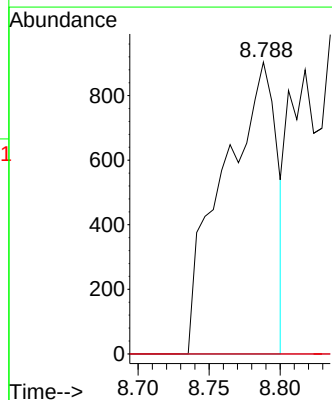
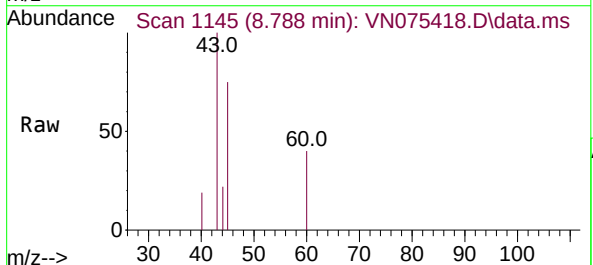


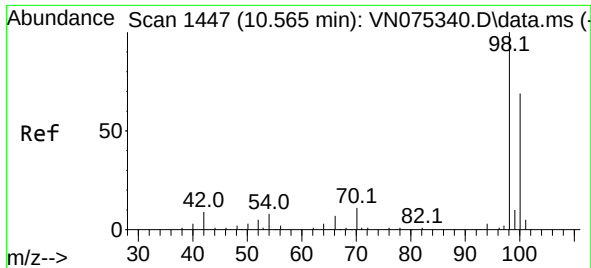
Tgt Ion:117 Resp: 16649
Ion Ratio Lower Upper
117 100
119 6.8 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.703 ug/l
RT: 8.788 min Scan# 1145
Delta R.T. 0.100 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

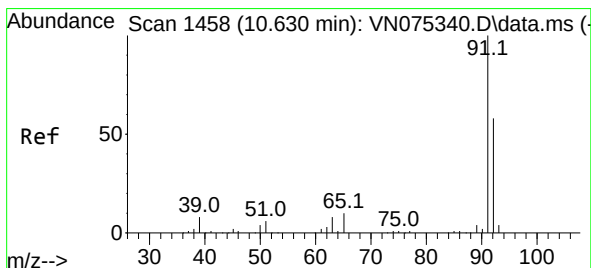
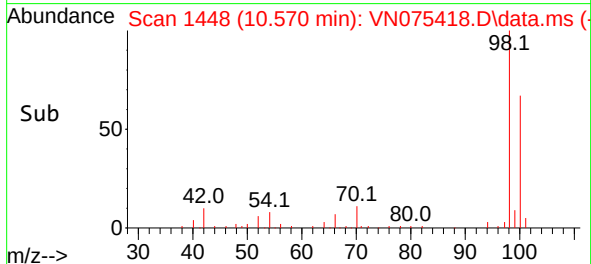
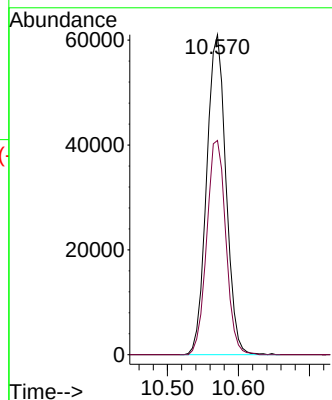
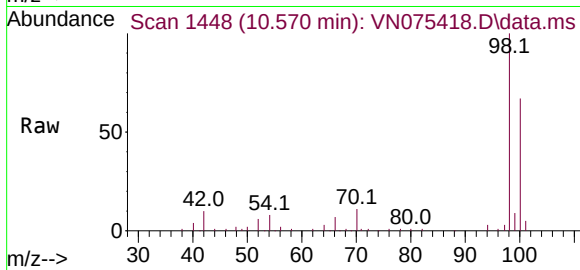




#50
Toluene-d8
Concen: 47.876 ug/l
RT: 10.570 min Scan# 1447
Delta R.T. 0.005 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

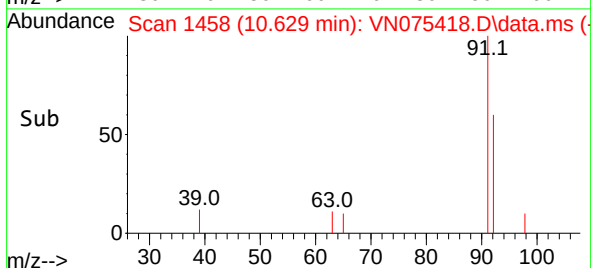
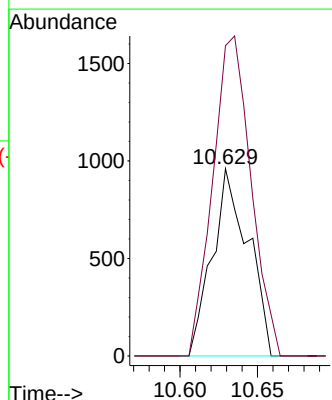
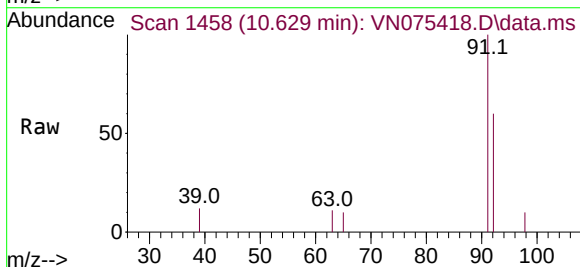
Instrument :
MSVOA_N
ClientSampleId :
DUP05-20221119

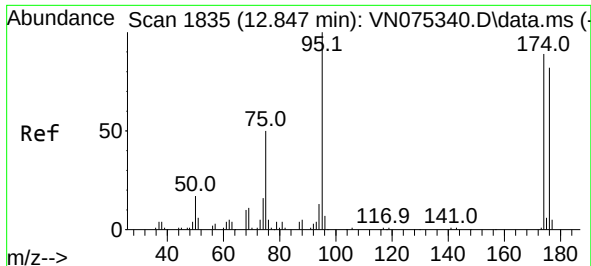
Tgt Ion: 98 Resp: 115491
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#52
Toluene
Concen: 0.336 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Tgt Ion: 92 Resp: 1550
Ion Ratio Lower Upper
92 100
91 181.6 135.4 203.2





#62

4-Bromofluorobenzene

Concen: 44.814 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075418.D

Acq: 25 Nov 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

DUP05-20221119

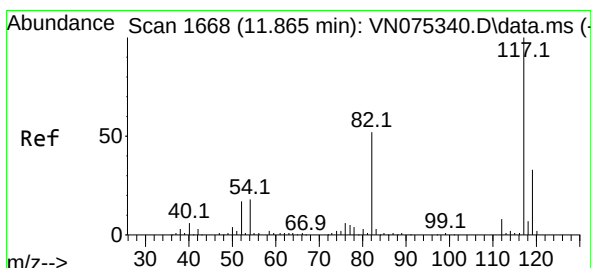
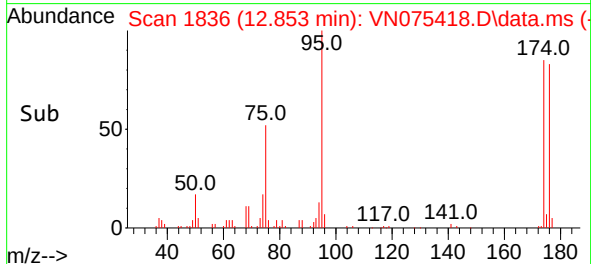
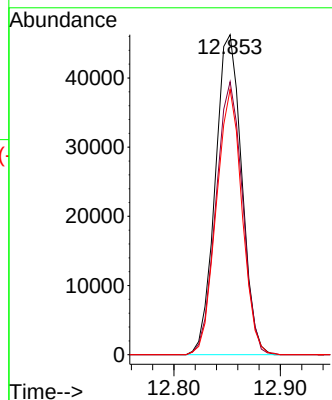
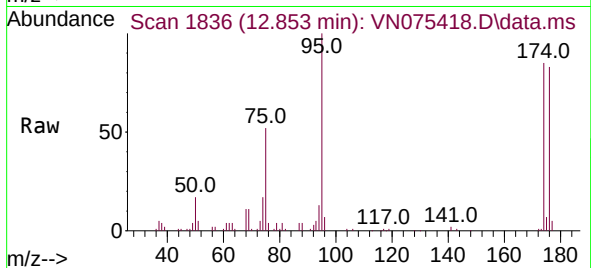
Tgt Ion: 95 Resp: 79793

Ion Ratio Lower Upper

95 100

174 85.4 0.0 147.4

176 80.5 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.005 min

Lab File: VN075418.D

Acq: 25 Nov 2022 14:07

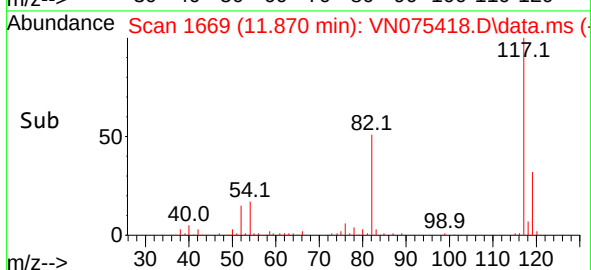
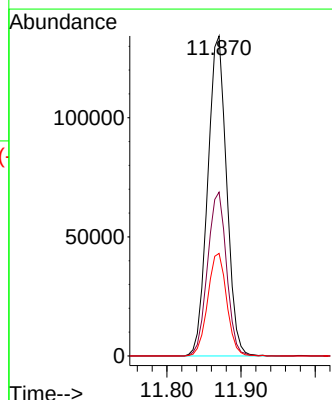
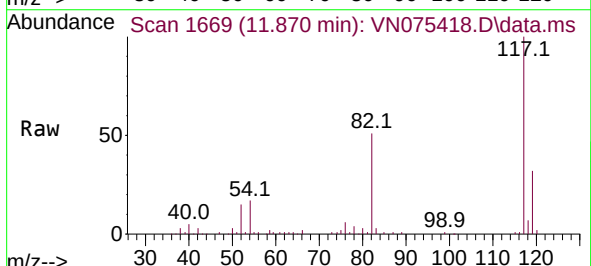
Tgt Ion: 117 Resp: 237914

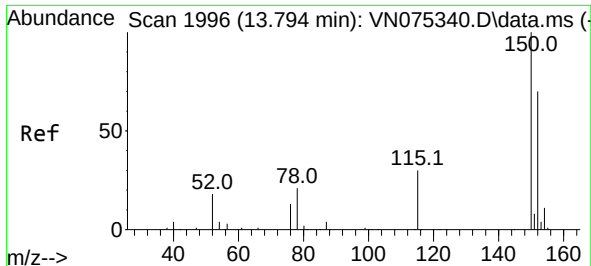
Ion Ratio Lower Upper

117 100

82 51.2 43.1 64.7

119 32.1 25.5 38.3

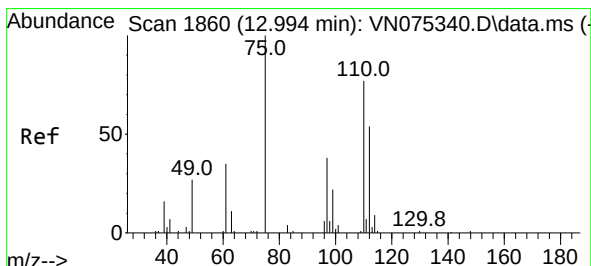
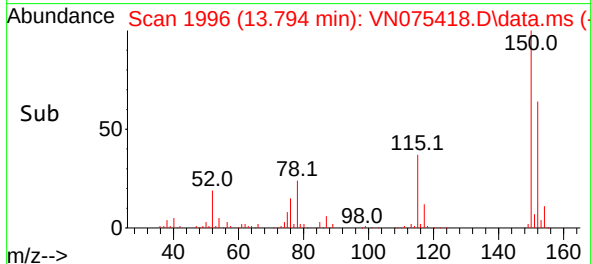
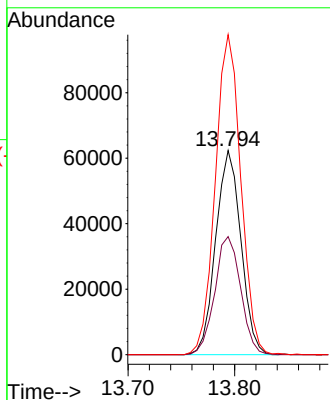
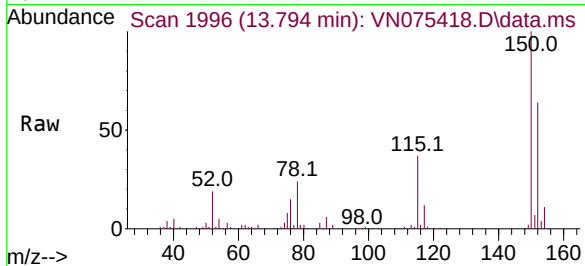




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075418.D
 Acq: 25 Nov 2022 14:07

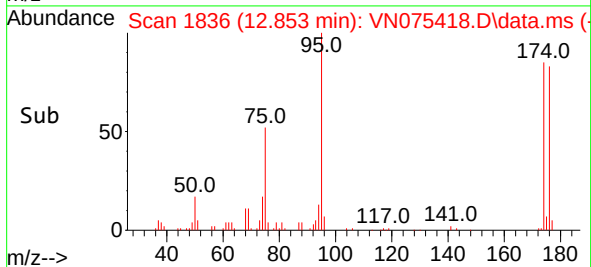
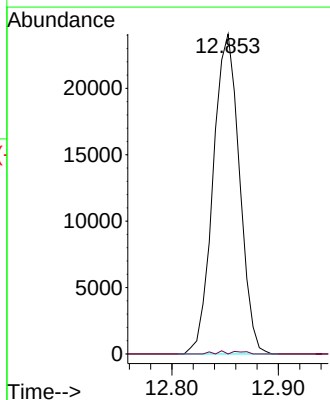
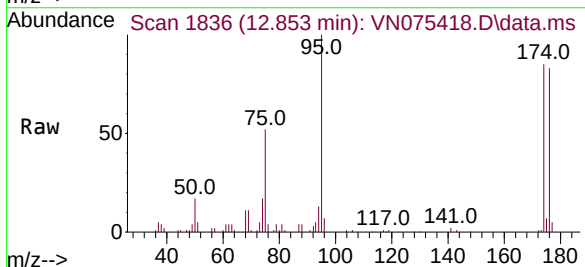
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP05-20221119

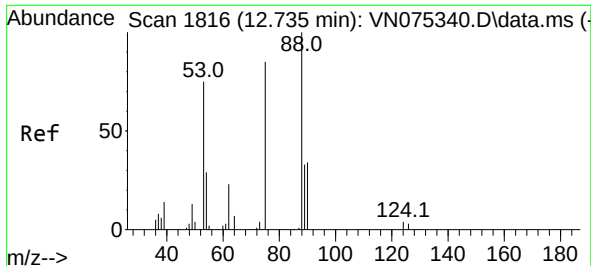
Tgt Ion:152 Resp: 102353
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.2 90.6
 150 158.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 21.374 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075418.D
 Acq: 25 Nov 2022 14:07

Tgt Ion: 75 Resp: 41364
 Ion Ratio Lower Upper
 75 100
 77 0.4 75.6 226.8#

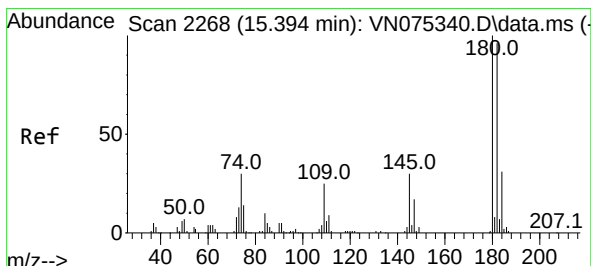
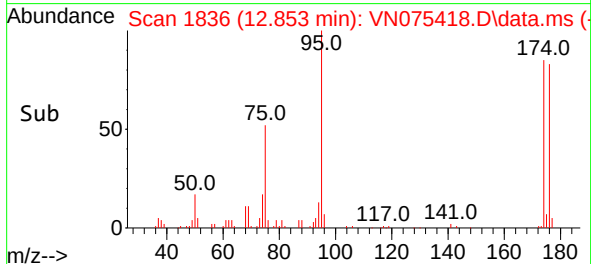
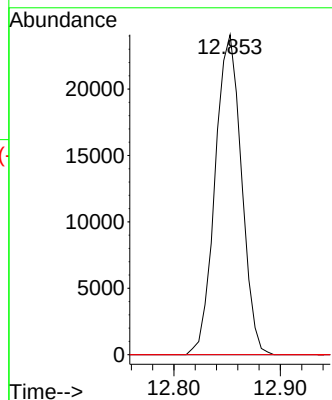
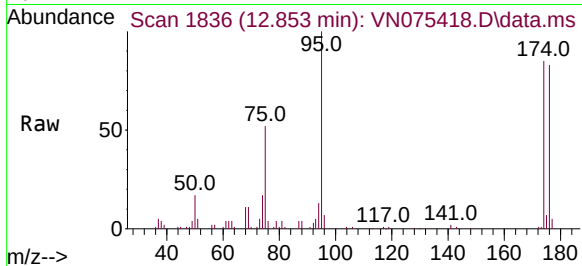




#81
trans-1,4-Dichloro-2-butene
Concen: 63.242 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

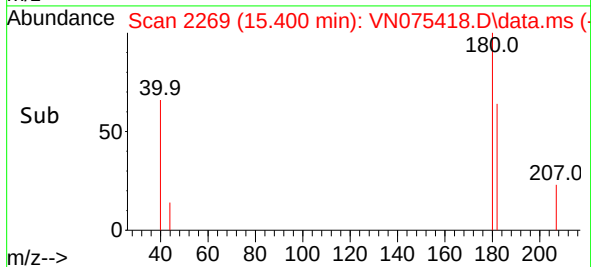
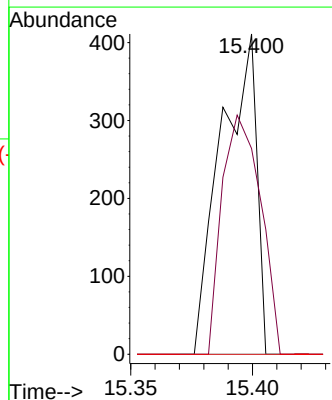
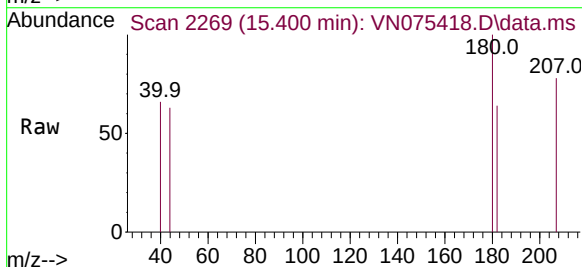
Instrument :
MSVOA_N
ClientSampleId :
DUP05-20221119

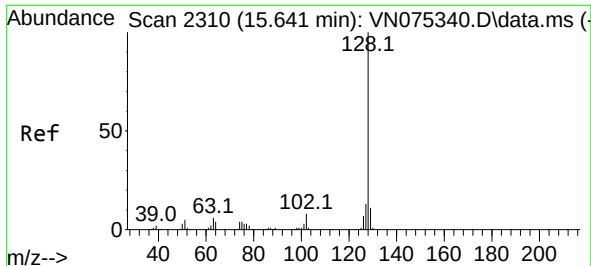
Tgt Ion: 75 Resp: 41364
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.238 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Tgt Ion:180 Resp: 416
Ion Ratio Lower Upper
180 100
182 81.3 47.8 143.4
145 0.0 16.8 50.3#

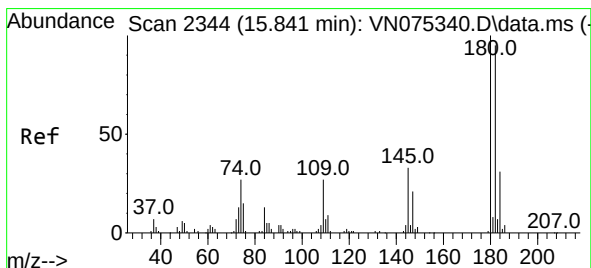
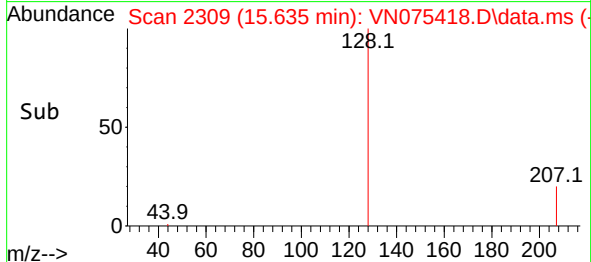
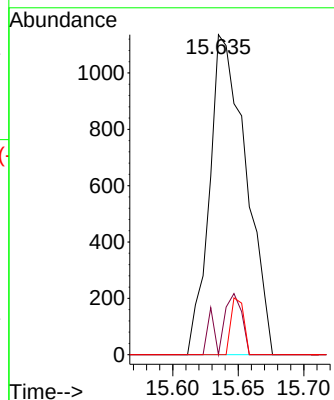
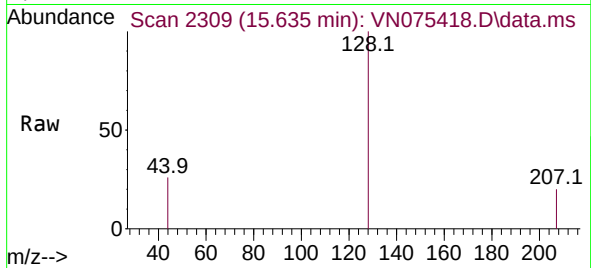




#95
Naphthalene
Concen: 0.400 ug/l
RT: 15.635 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20221119

Tgt Ion:128	Resp:	2199
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.4 15.6
129	6.2	8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.293 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075418.D
Acq: 25 Nov 2022 14:07

Tgt Ion:180	Resp:	504
Ion Ratio	Lower	Upper
180	100	
182	65.5	47.3 141.8
145	0.0	17.6 52.9#

