

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075473.D
 Acq On : 29 Nov 2022 14:03
 Operator : JC\MD
 Sample : N5793-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-11-28

Quant Time: Nov 30 02:27:25 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)

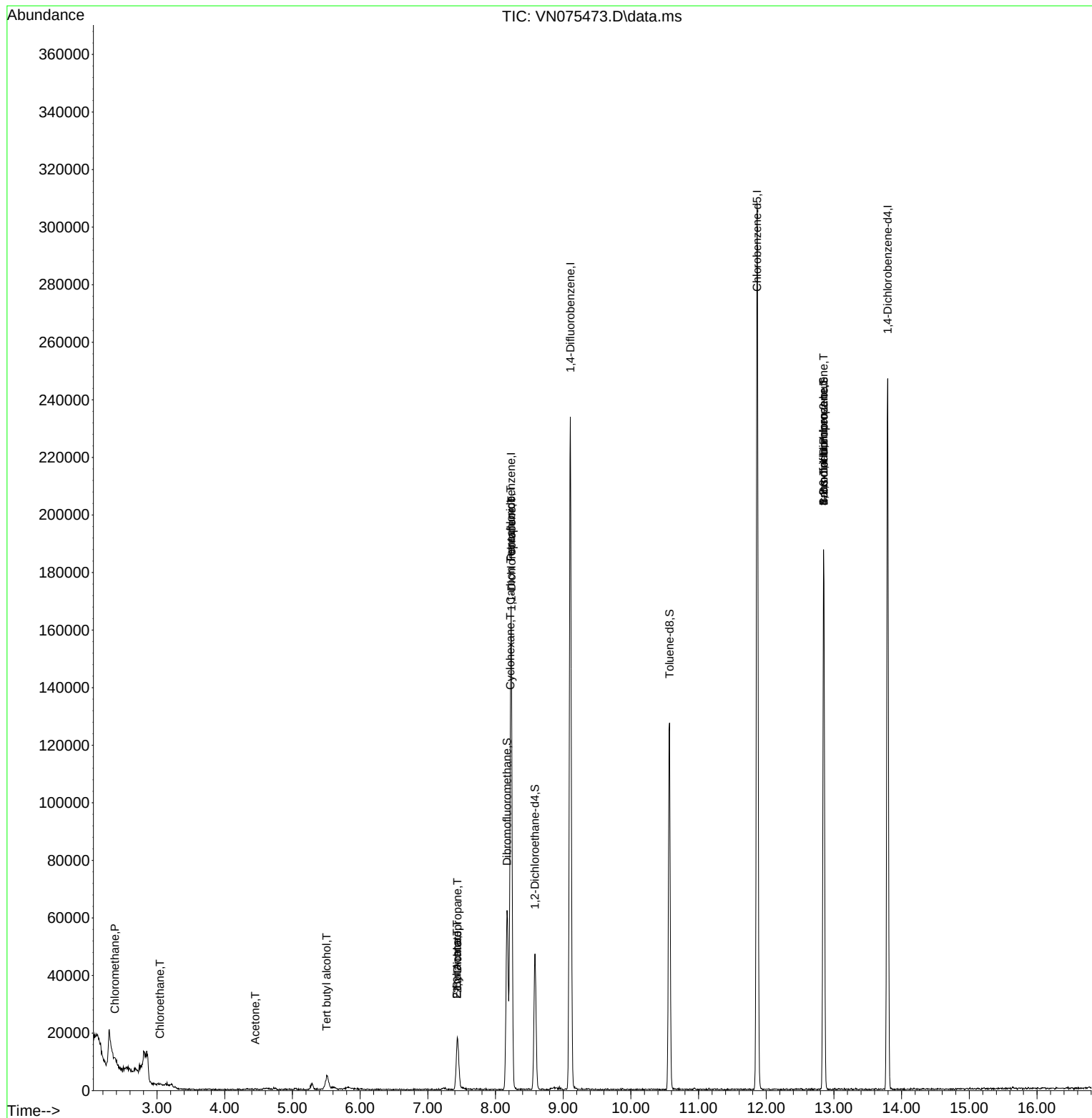
Internal Standards						
1) Pentafluorobenzene	8.230	168	126520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	214114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	186006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	37336	54.975	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.960%	
35) Dibromofluoromethane	8.171	113	45675	54.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.600%	
50) Toluene-d8	10.571	98	91119	48.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.200%	
62) 4-Bromofluorobenzene	12.847	95	65700	46.986	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	255	0.212	ug/l #	42
6) Chloroethane	3.042	64	675	0.587	ug/l #	45
11) Tert butyl alcohol	5.506	59	4379	15.360	ug/l #	72
16) Acetone	4.453	43	567	0.895	ug/l #	43
18) Methyl Acetate	5.047	43	633	Below Cal	#	47
25) 2-Butanone	7.430	43	420	0.475	ug/l #	43
26) 2,2-Dichloropropane	7.436	77	1243	0.602	ug/l #	53
31) Cyclohexane	8.218	56	2449	1.135	ug/l #	48
36) 1,1-Dichloropropene	8.235	75	9021	4.918	ug/l #	50
37) Ethyl Acetate	7.430	43	420	0.254	ug/l #	1
38) Carbon Tetrachloride	8.224	117	13332	6.616	ug/l #	17
71) Bromoform	12.847	173	586	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	33919	25.735	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	33919	76.145	ug/l #	10

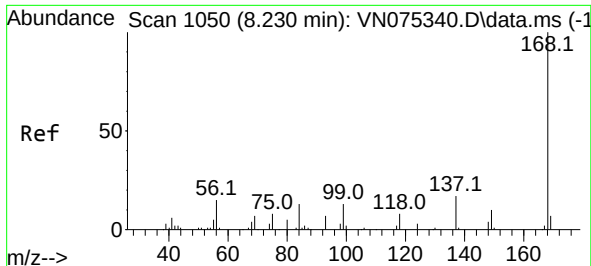
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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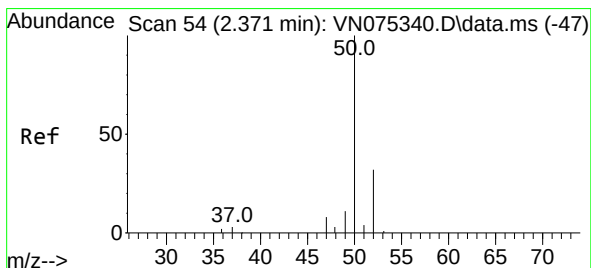
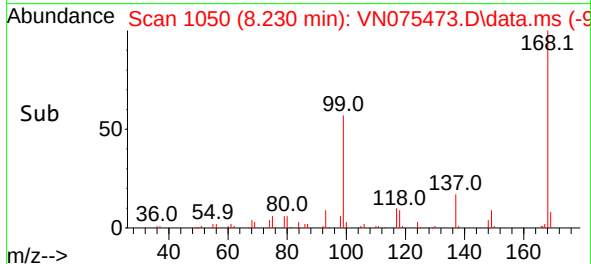
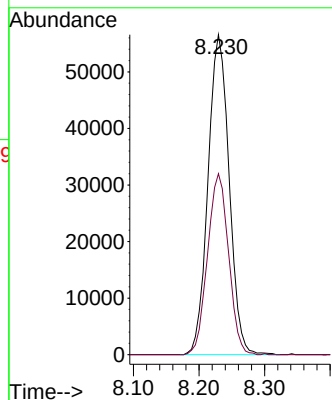
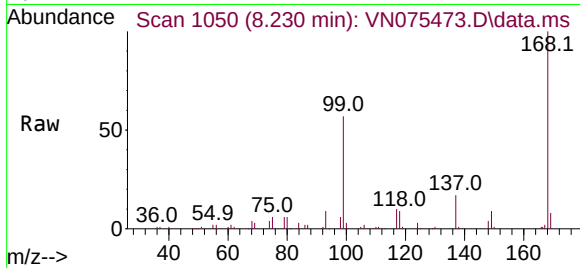




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

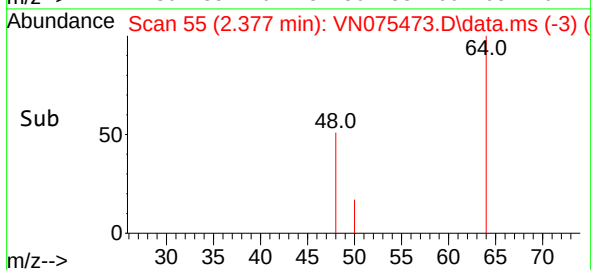
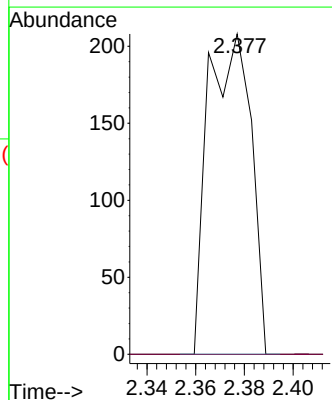
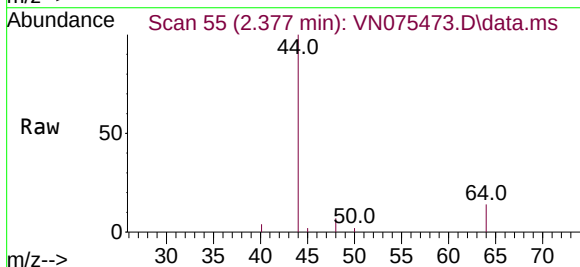
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-11-28

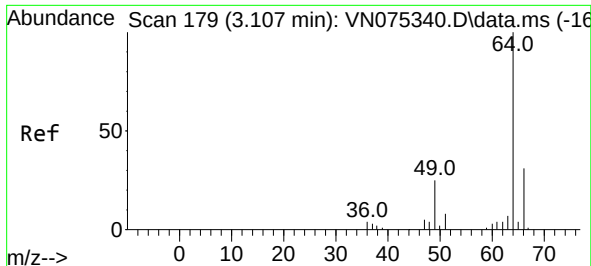
Tgt Ion:168 Resp: 126520
Ion Ratio Lower Upper
168 100
99 56.5 51.6 77.4



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

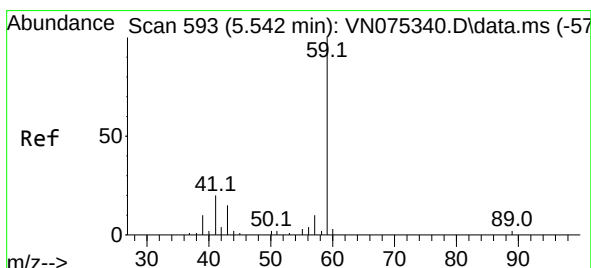
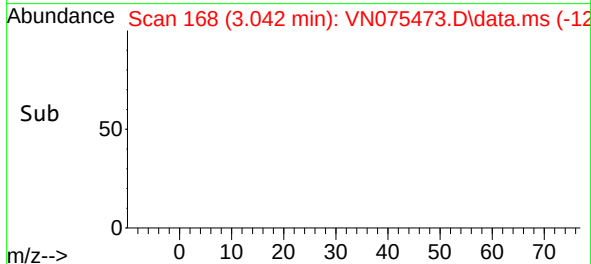
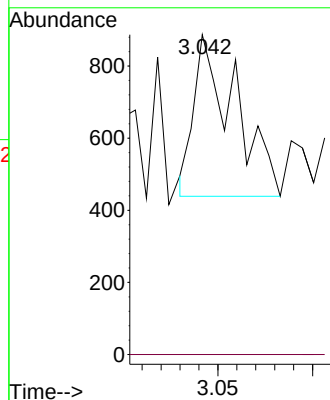
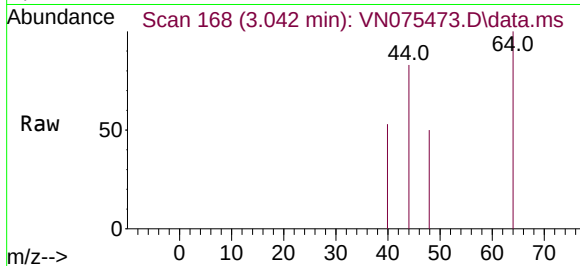




#6
Chloroethane
Concen: 0.587 ug/l
RT: 3.042 min Scan# 11
Delta R.T. -0.065 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

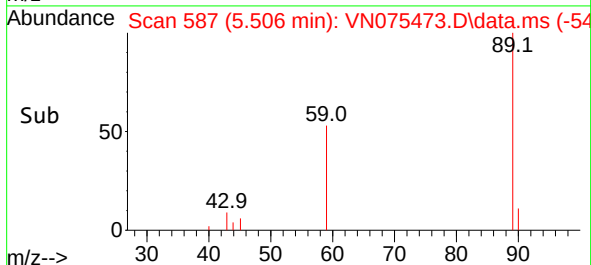
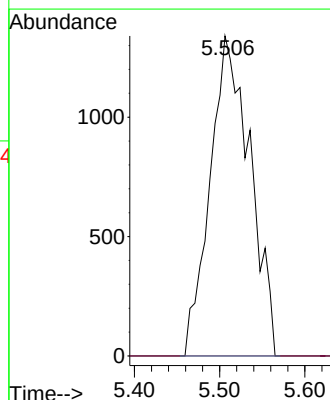
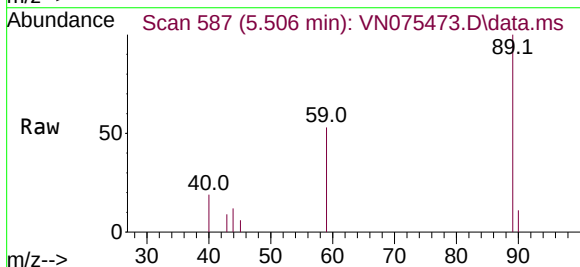
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-11-28

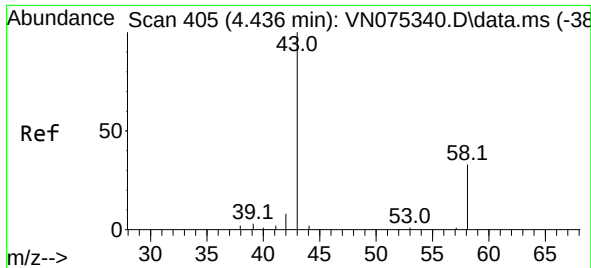
Tgt Ion: 64 Resp: 675
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 15.360 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Tgt Ion: 59 Resp: 4379
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 0.895 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.017 min

Lab File: VN075473.D

Acq: 29 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

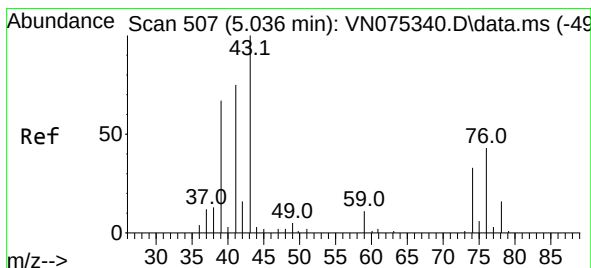
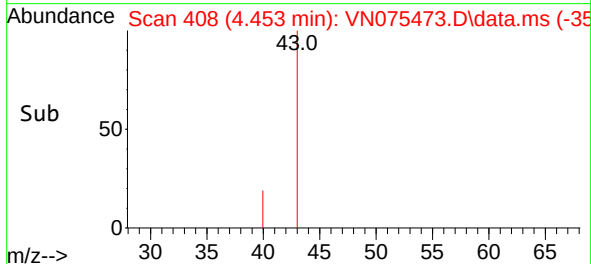
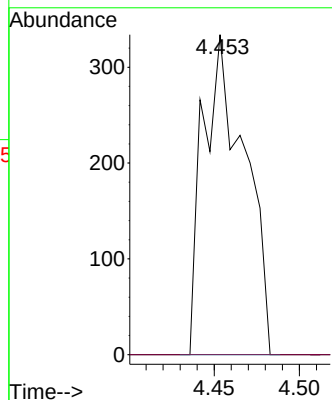
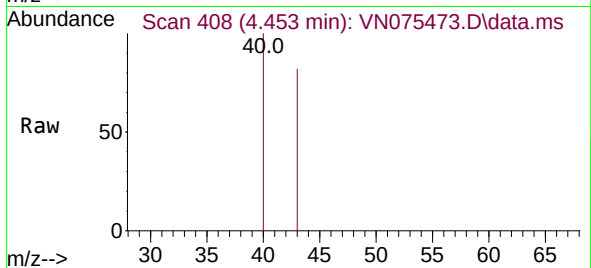
EB-2022-11-28

Tgt Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.047 min Scan# 509

Delta R.T. 0.011 min

Lab File: VN075473.D

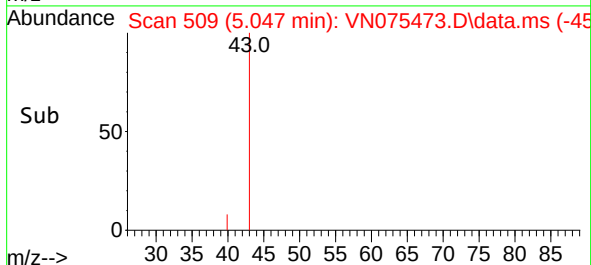
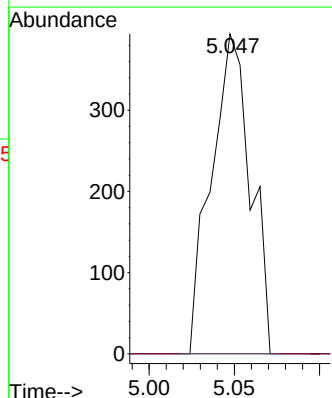
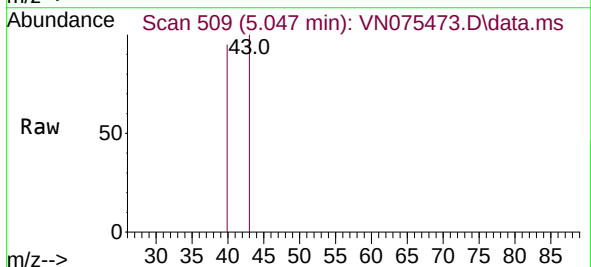
Acq: 29 Nov 2022 14:03

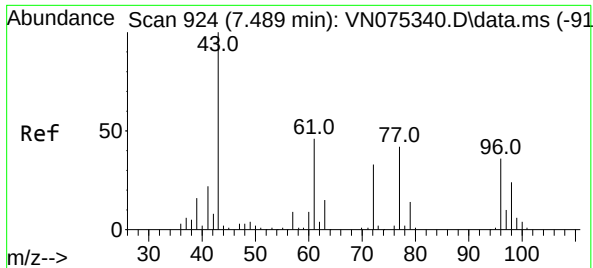
Tgt Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

74 0.0 22.0 33.0#





#25

2-Butanone

Concen: 0.475 ug/l

RT: 7.430 min Scan# 915

Delta R.T. -0.059 min

Lab File: VN075473.D

Acq: 29 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

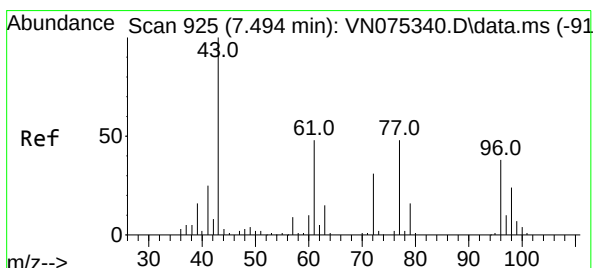
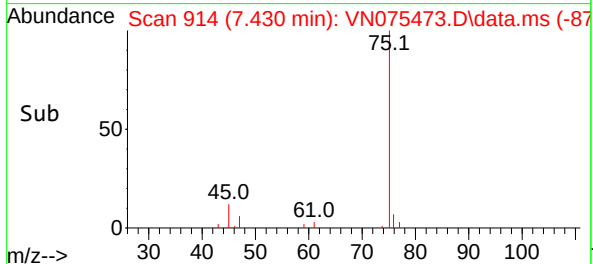
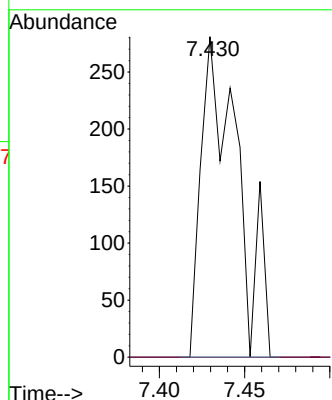
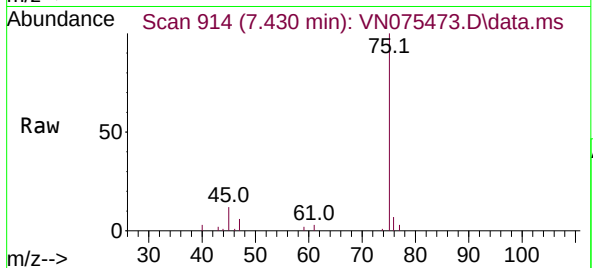
EB-2022-11-28

Tgt Ion: 43 Resp: 420

Ion Ratio Lower Upper

43 100

72 0.0 25.5 38.3#



#26

2,2-Dichloropropane

Concen: 0.602 ug/l

RT: 7.436 min Scan# 915

Delta R.T. -0.058 min

Lab File: VN075473.D

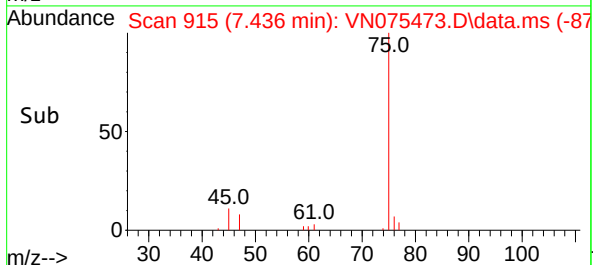
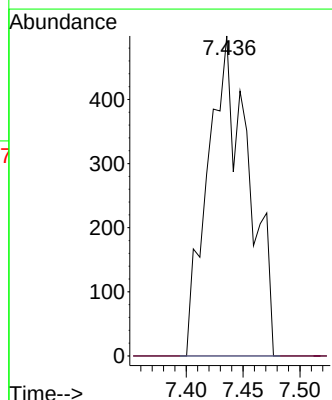
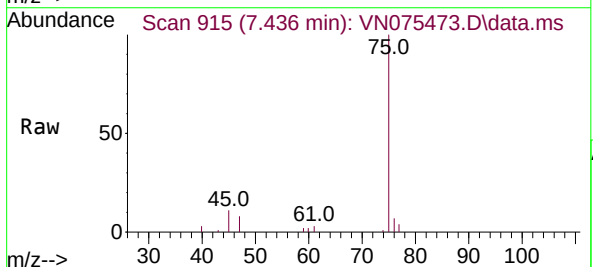
Acq: 29 Nov 2022 14:03

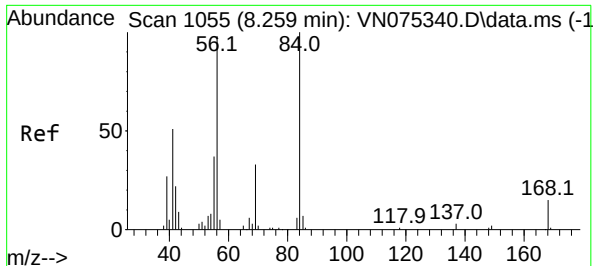
Tgt Ion: 77 Resp: 1243

Ion Ratio Lower Upper

77 100

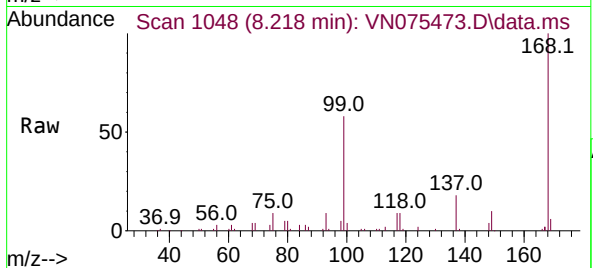
97 0.0 11.2 33.6#



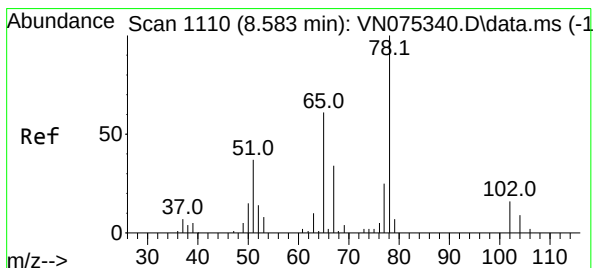
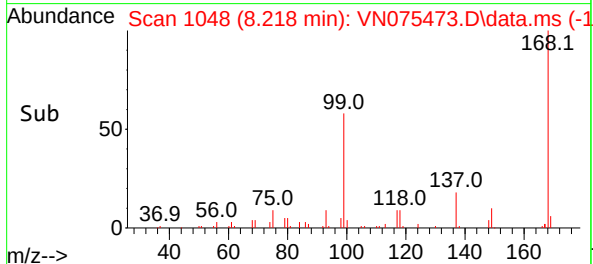
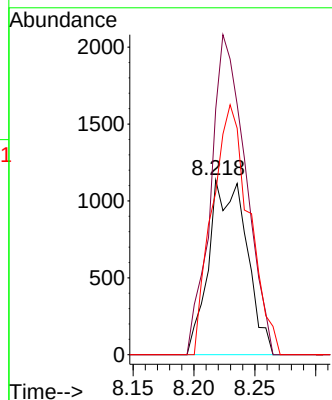


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-11-28

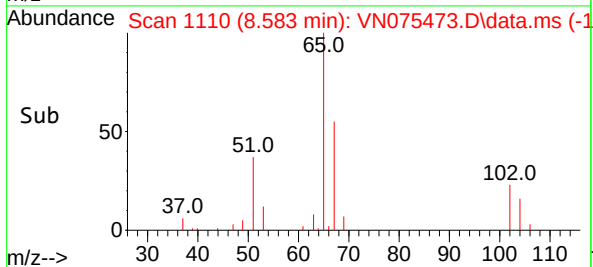
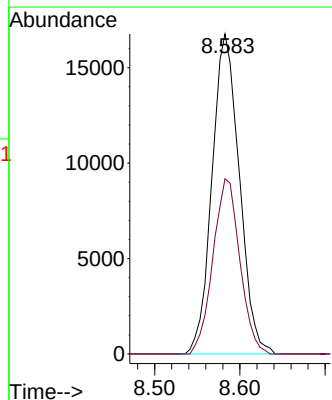
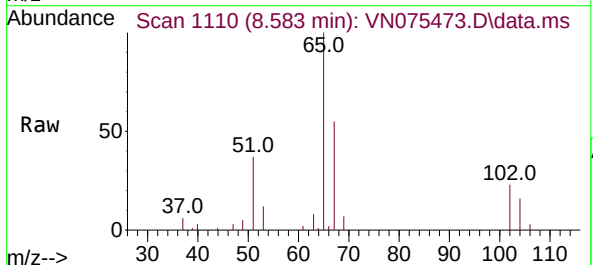


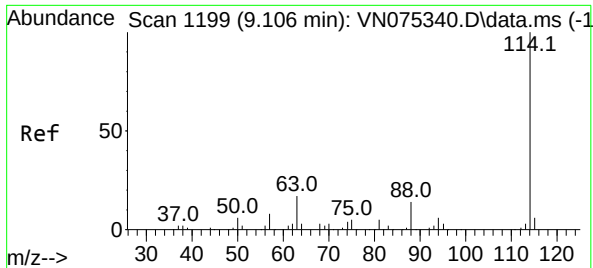
Tgt Ion: 56 Resp: 2449
Ion Ratio Lower Upper
56 100
69 140.6 25.2 37.8#
84 92.8 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 54.975 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Tgt Ion: 65 Resp: 37336
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.0

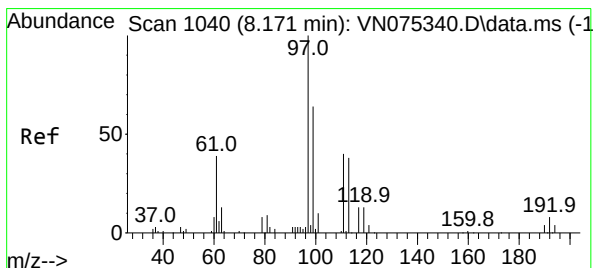
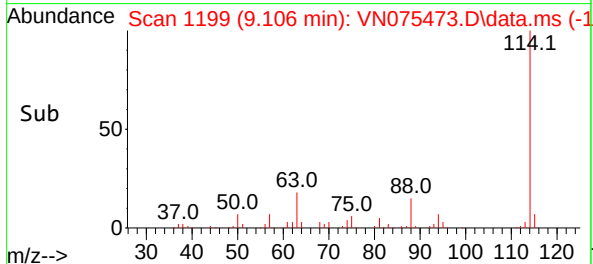
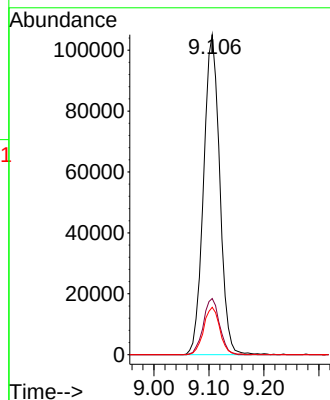
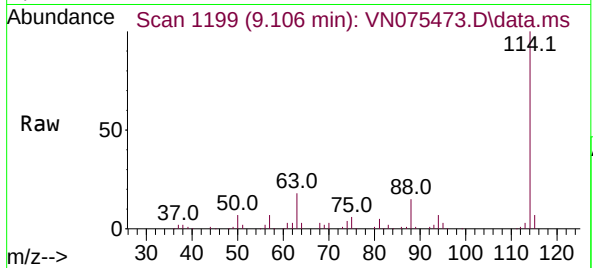




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

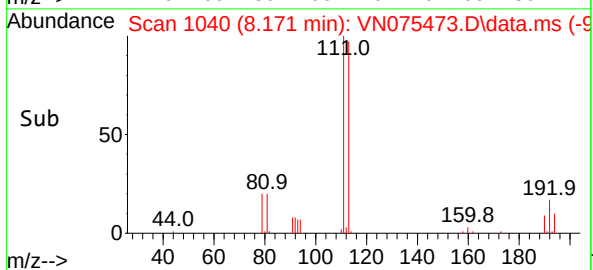
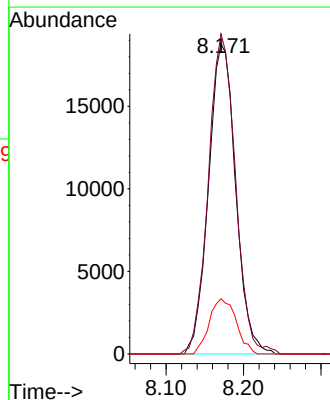
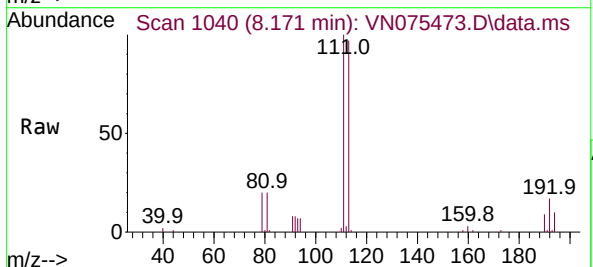
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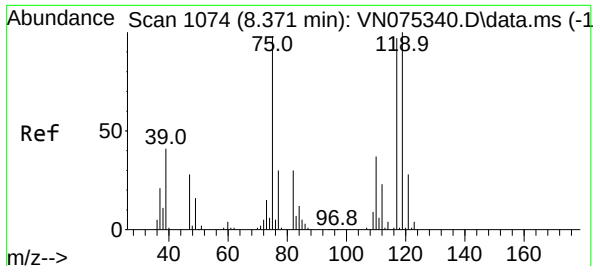
Tgt Ion:114 Resp: 214114
Ion Ratio Lower Upper
114 100
63 17.5 0.0 39.6
88 14.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 54.303 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Tgt Ion:113 Resp: 45675
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 17.6 13.2 19.8

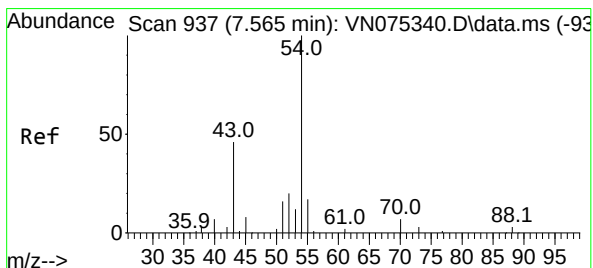
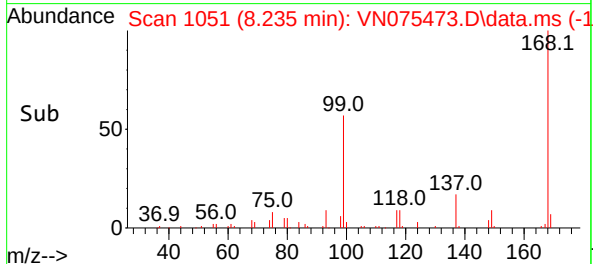
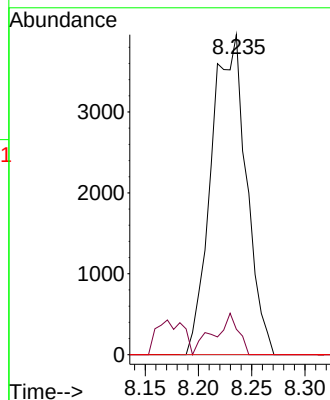
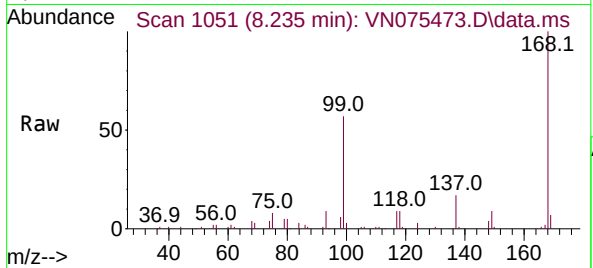




#36
1,1-Dichloropropene
Concen: 4.918 ug/l
RT: 8.235 min Scan# 1074
Delta R.T. -0.136 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

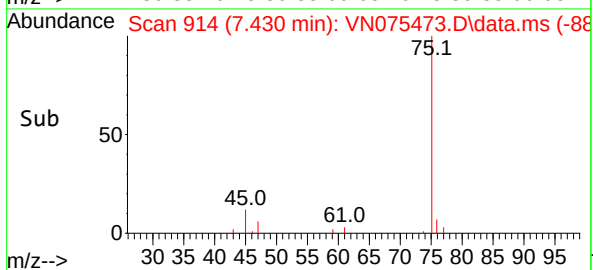
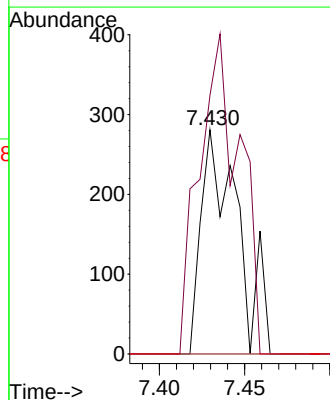
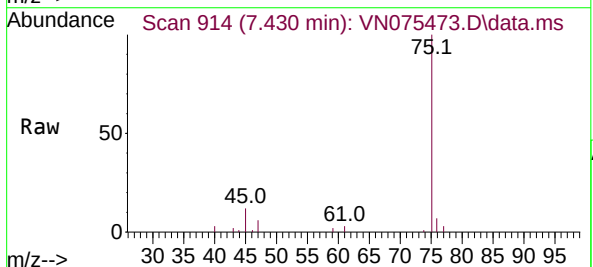
Instrument :
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EB-2022-11-28

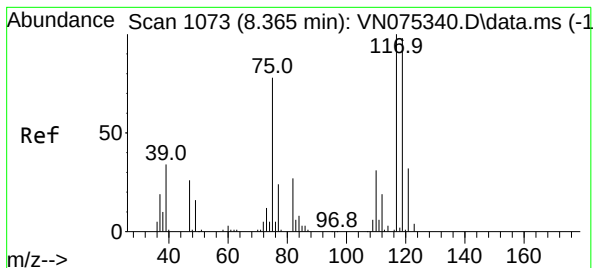
Tgt Ion: 75 Resp: 9021
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.254 ug/l
RT: 7.430 min Scan# 914
Delta R.T. -0.135 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
61 157.9 12.2 18.4#
70 0.0 9.4 14.2#





#38

Carbon Tetrachloride

Concen: 6.616 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.141 min

Lab File: VN075473.D

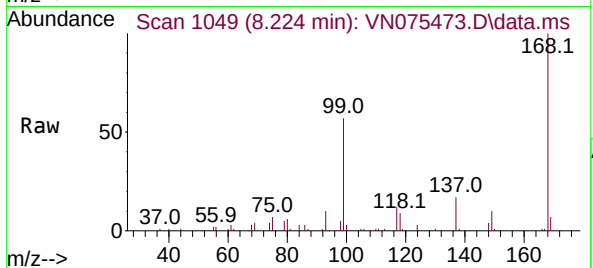
Acq: 29 Nov 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-11-28



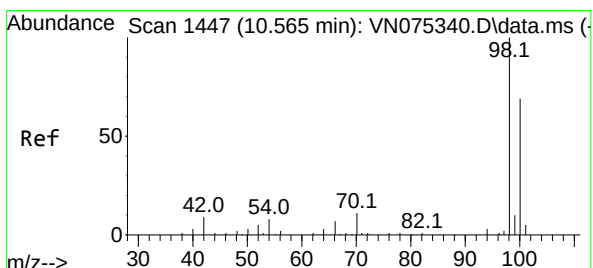
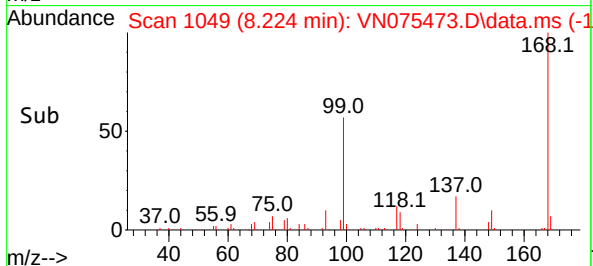
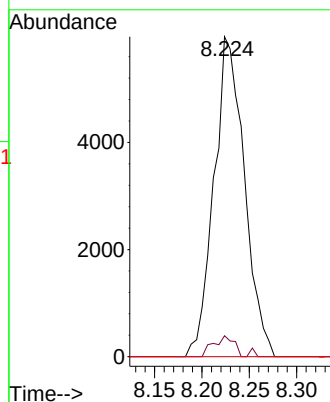
Tgt Ion:117 Resp: 13332

Ion Ratio Lower Upper

117 100

119 6.6 76.7 115.1#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 48.099 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075473.D

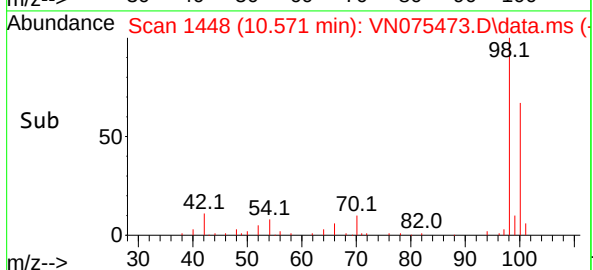
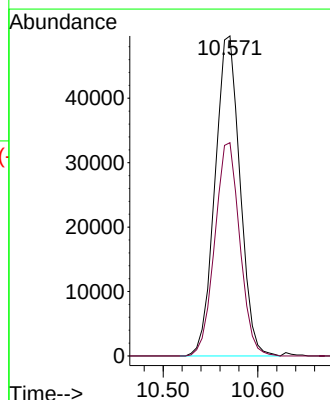
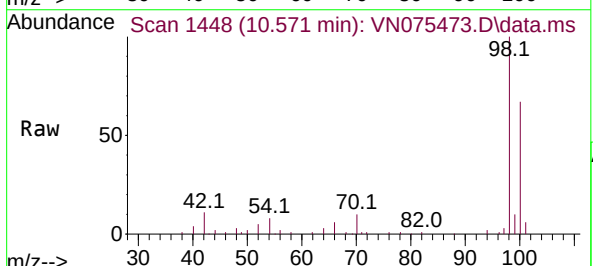
Acq: 29 Nov 2022 14:03

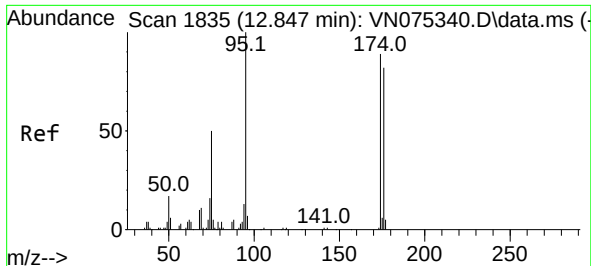
Tgt Ion: 98 Resp: 91119

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6

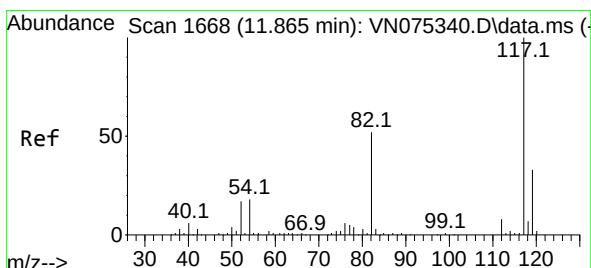
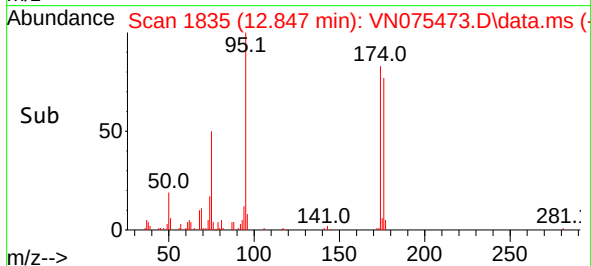
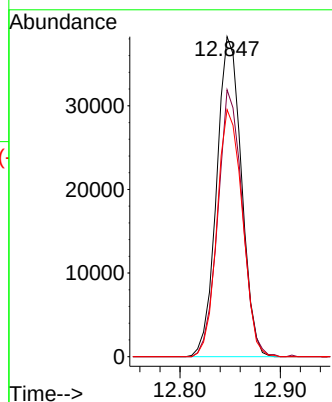
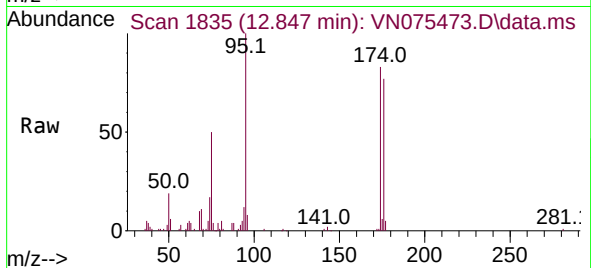




#62
4-Bromofluorobenzene
Concen: 46.986 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

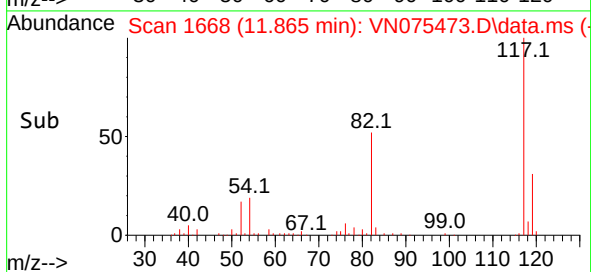
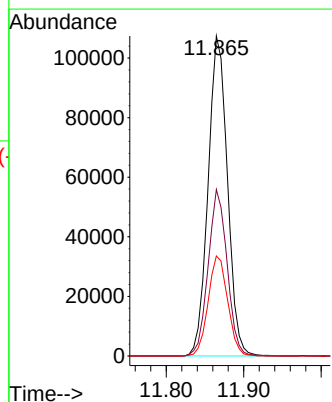
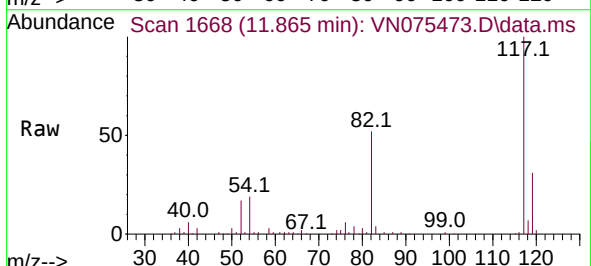
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-11-28

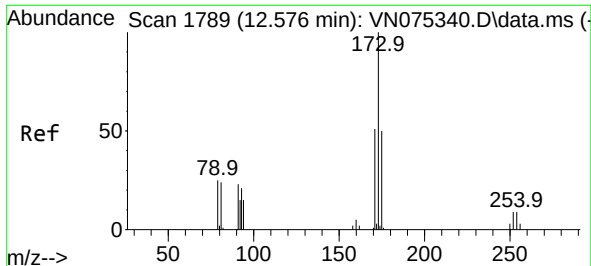
Tgt Ion: 95 Resp: 65700
Ion Ratio Lower Upper
95 100
174 82.0 0.0 147.4
176 78.9 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Tgt Ion: 117 Resp: 186006
Ion Ratio Lower Upper
117 100
82 52.0 43.1 64.7
119 31.2 25.5 38.3

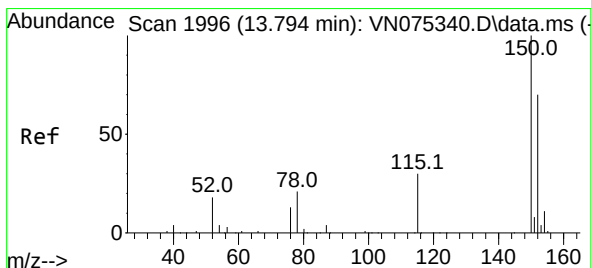
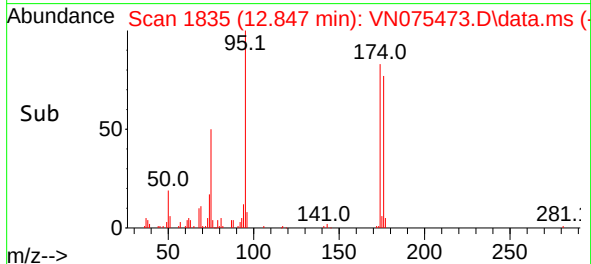
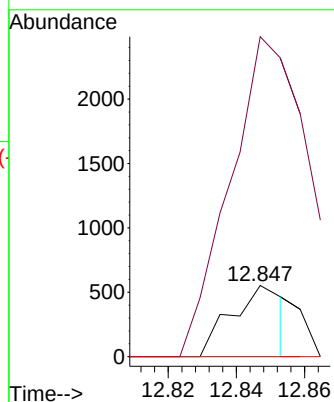
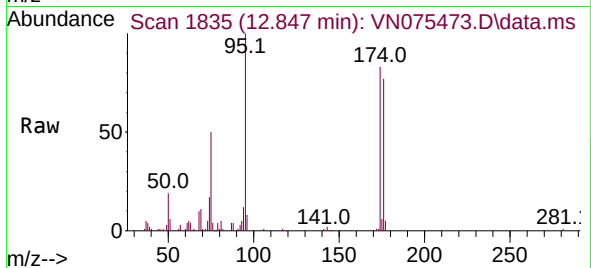




#71
Bromoform
Concen: 0.537 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

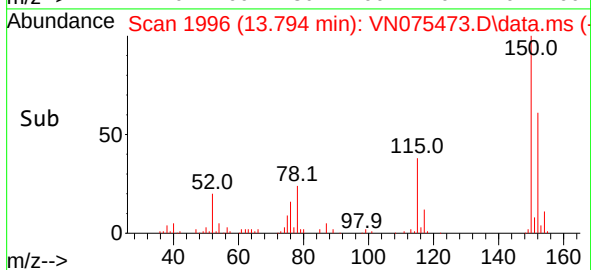
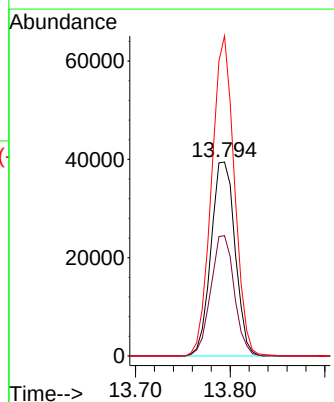
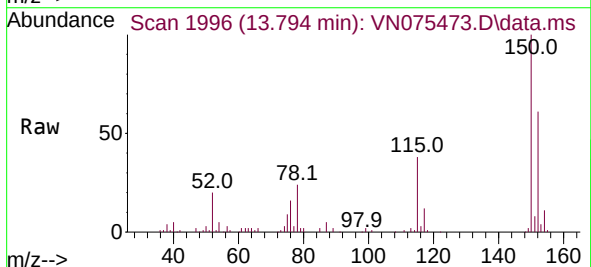
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-11-28

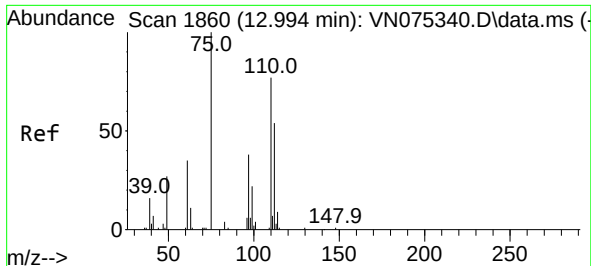
Tgt Ion:173 Resp: 586
Ion Ratio Lower Upper
173 100
175 480.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Tgt Ion:152 Resp: 69708
Ion Ratio Lower Upper
152 100
115 60.5 30.2 90.6
150 156.0 0.0 348.4

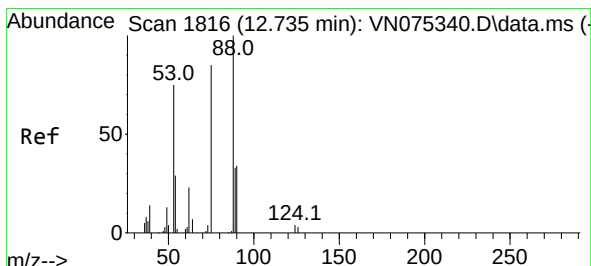
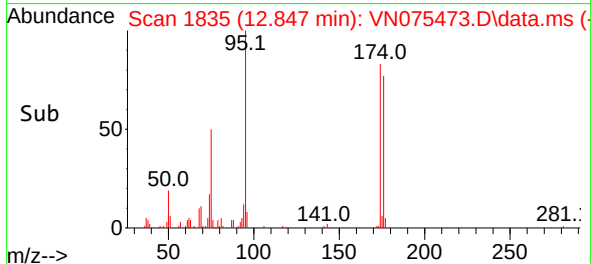
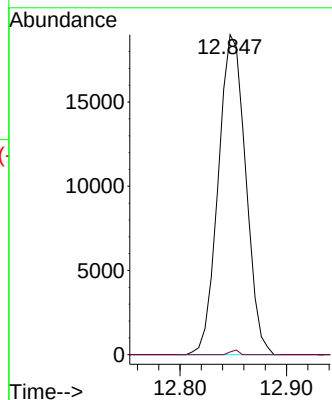
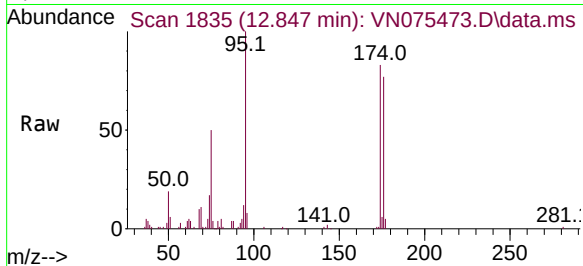




#76
1,2,3-Trichloropropane
Concen: 25.735 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-11-28

Tgt Ion: 75 Resp: 33919
Ion Ratio Lower Upper
75 100
77 0.5 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.145 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075473.D
Acq: 29 Nov 2022 14:03

Tgt Ion: 75 Resp: 33919
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

