

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075472.D
 Acq On : 29 Nov 2022 13:39
 Operator : JC\MD
 Sample : N5793-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 30 02:27:11 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)

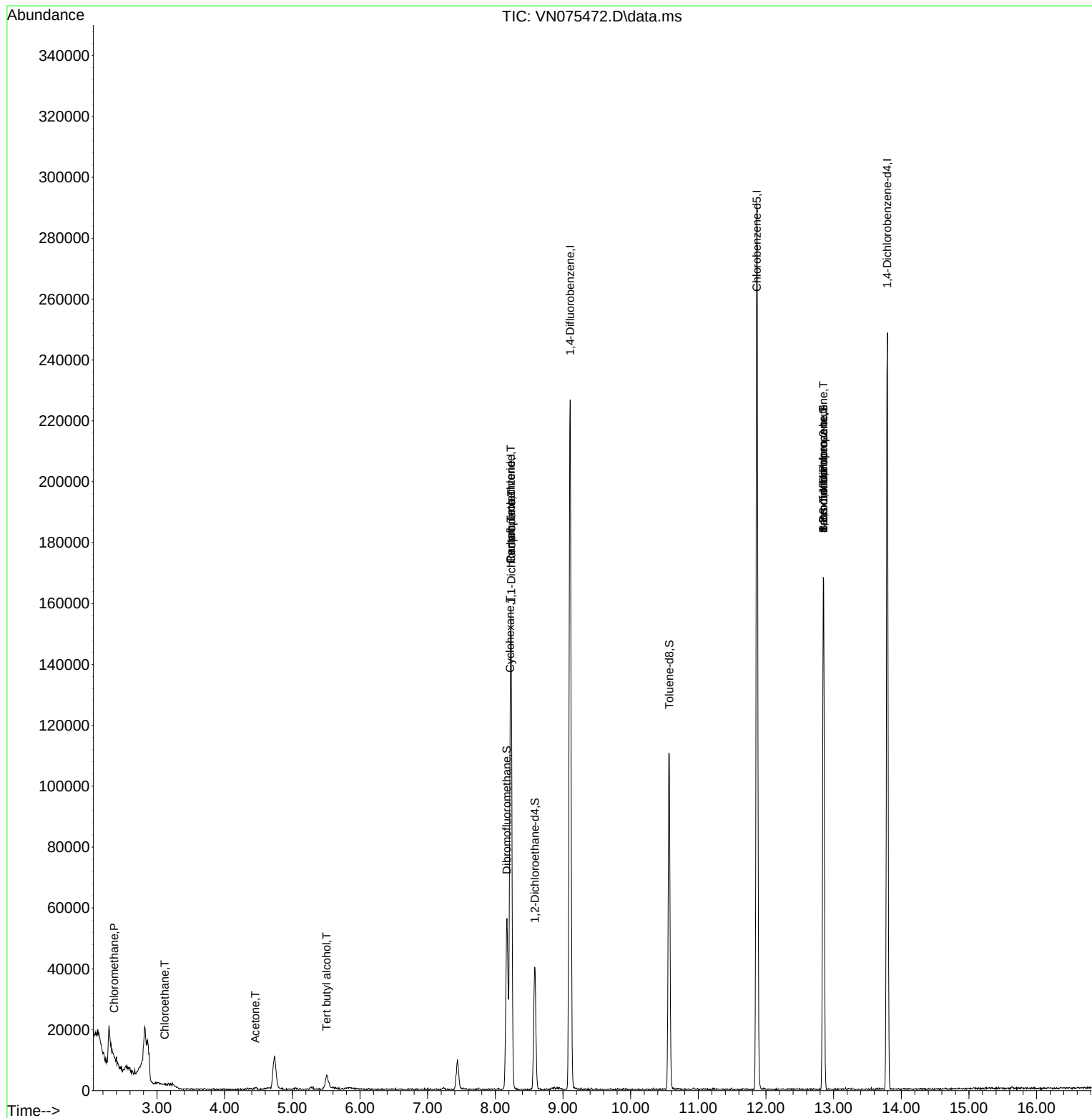
Internal Standards						
1) Pentafluorobenzene	8.230	168	122877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	211247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	176718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	34013	51.567	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.140%	
35) Dibromofluoromethane	8.171	113	40817	49.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.380%	
50) Toluene-d8	10.571	98	81411	43.557	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 87.120%	
62) 4-Bromofluorobenzene	12.847	95	59980	43.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	237	0.203	ug/l #	42
6) Chloroethane	3.112	64	773	0.692	ug/l #	45
11) Tert butyl alcohol	5.506	59	4426	15.985	ug/l #	72
16) Acetone	4.453	43	1414	2.298	ug/l #	43
18) Methyl Acetate	5.042	43	456	Below Cal	#	47
20) Methylene Chloride	5.289	84	300	Below Cal	#	64
31) Cyclohexane	8.218	56	2207	1.053	ug/l #	41
36) 1,1-Dichloropropene	8.236	75	9059	5.006	ug/l #	49
38) Carbon Tetrachloride	8.230	117	12742	6.409	ug/l #	15
71) Bromoform	12.847	173	234	0.226	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	30849	23.391	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	30849	69.209	ug/l #	10

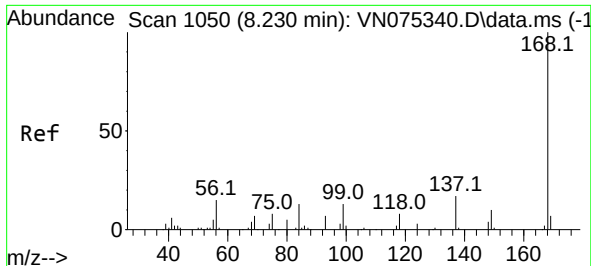
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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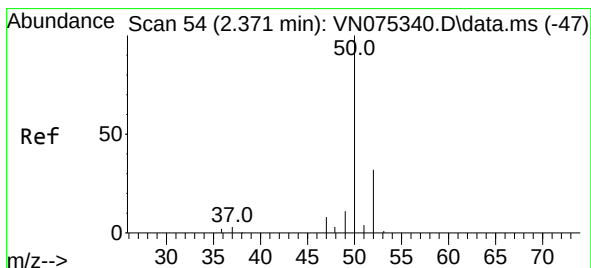
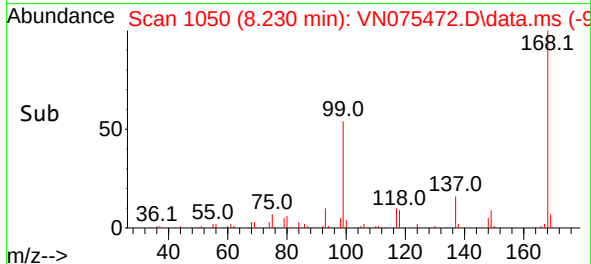
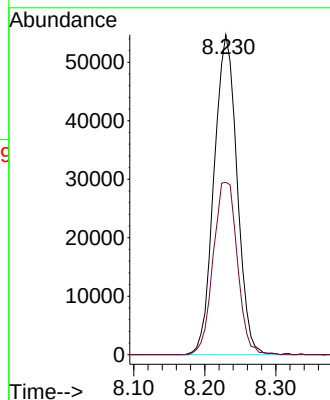
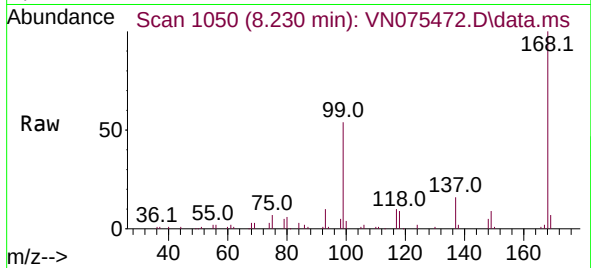




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

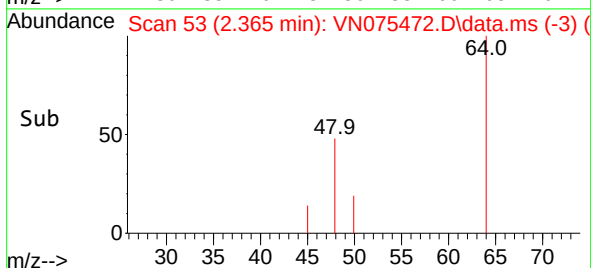
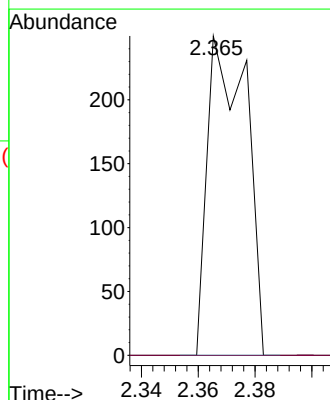
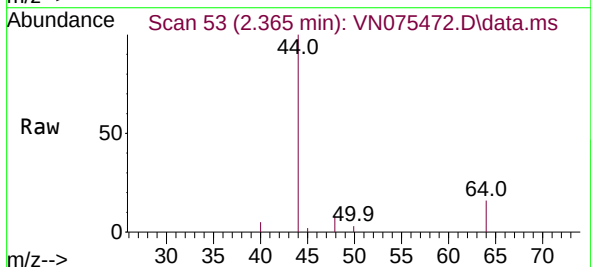
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-11-28

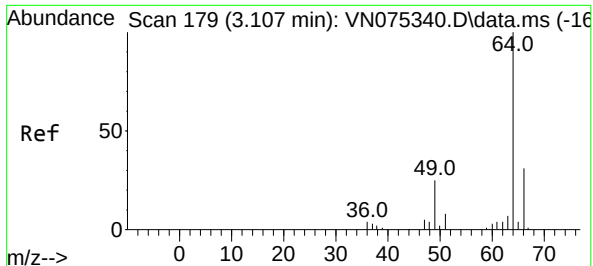
Tgt Ion:168 Resp: 122877
Ion Ratio Lower Upper
168 100
99 53.9 51.6 77.4



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.365 min Scan# 53
Delta R.T. -0.006 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

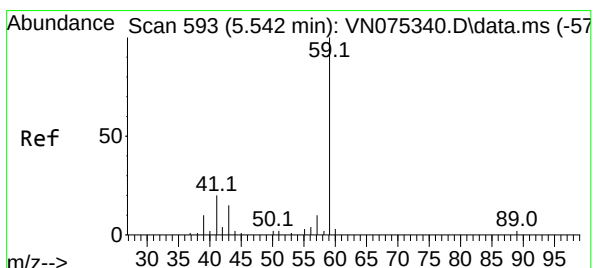
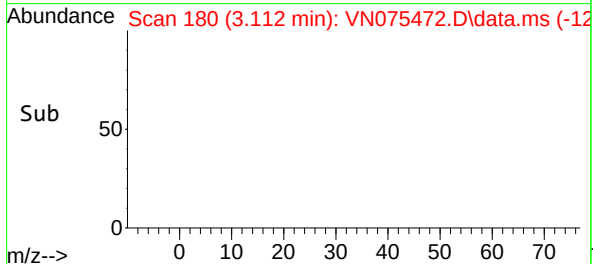
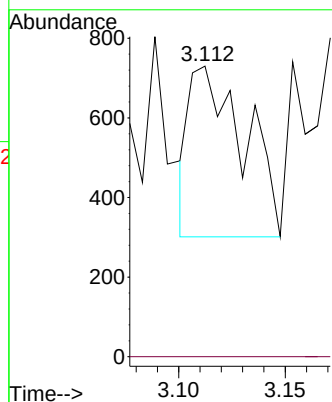
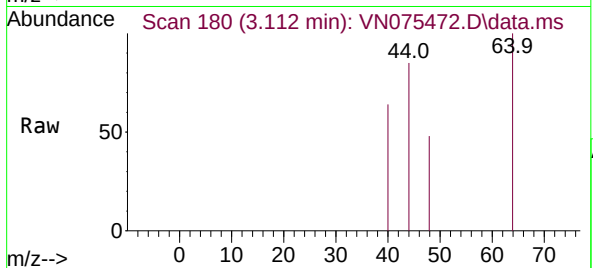




#6
Chloroethane
Concen: 0.692 ug/l
RT: 3.112 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

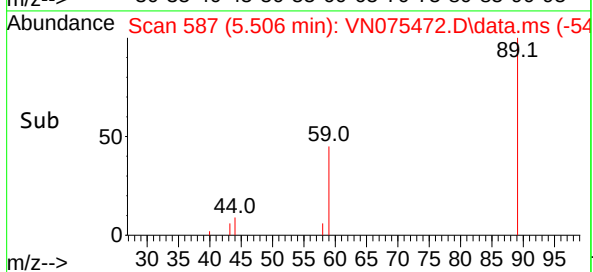
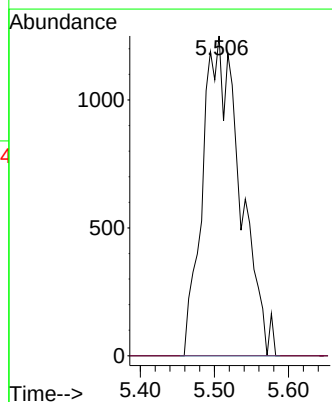
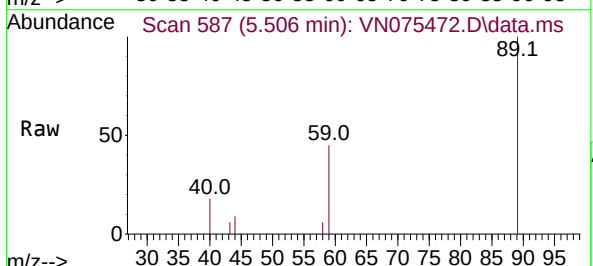
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-11-28

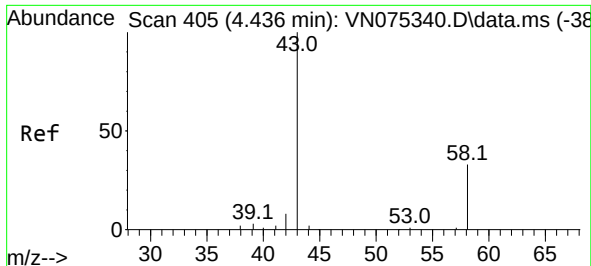
Tgt Ion: 64 Resp: 773
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 15.985 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

Tgt Ion: 59 Resp: 4426
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 2.298 ug/l

RT: 4.453 min Scan# 405

Delta R.T. 0.017 min

Lab File: VN075472.D

Acq: 29 Nov 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

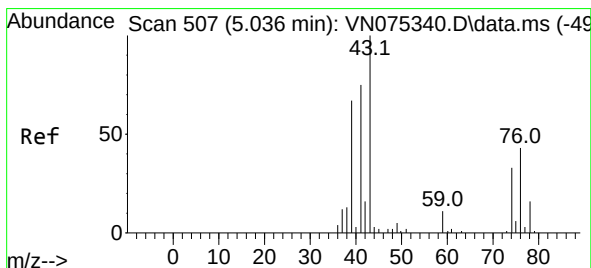
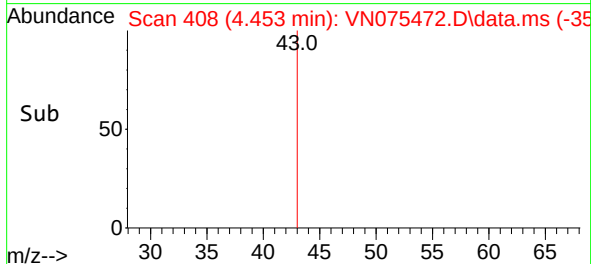
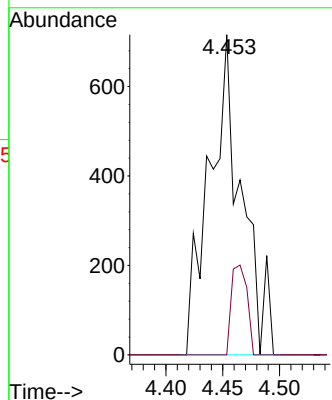
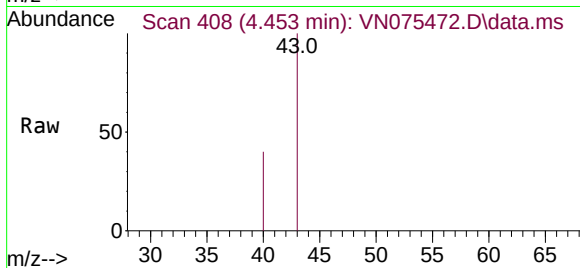
TB-2022-11-28

Tgt Ion: 43 Resp: 1414

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN075472.D

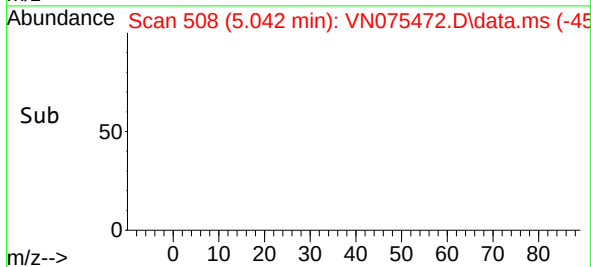
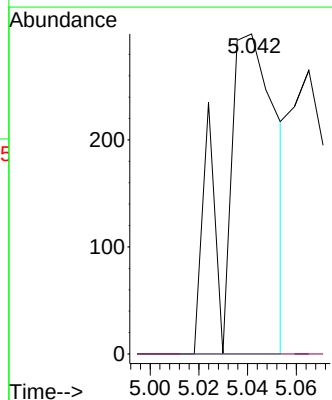
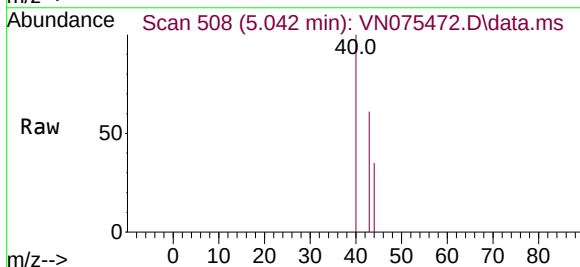
Acq: 29 Nov 2022 13:39

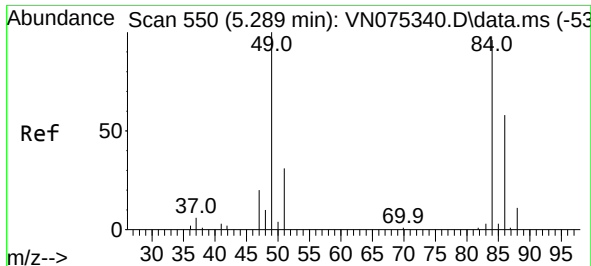
Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

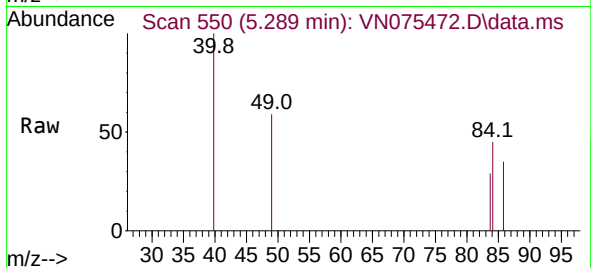
74 0.0 22.0 33.0#



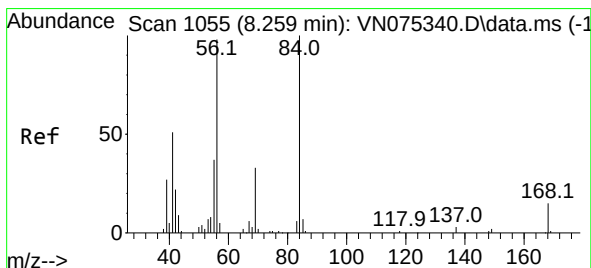
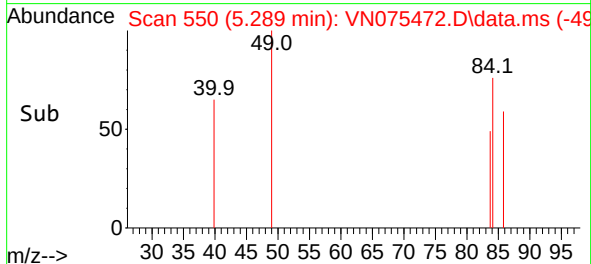
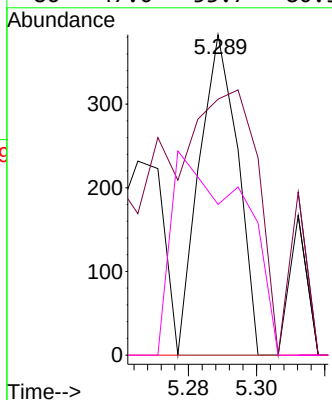


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

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

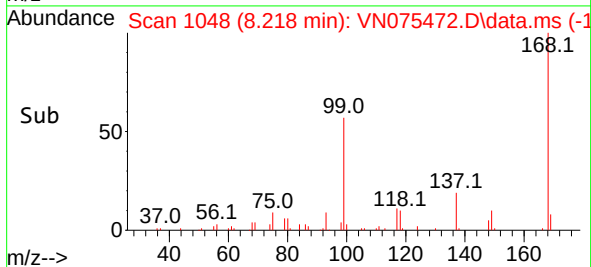
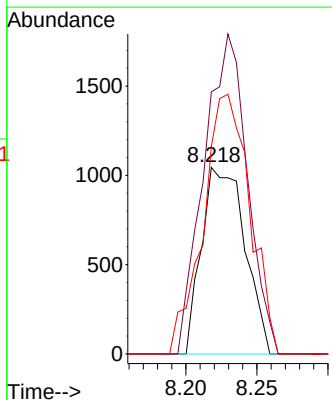
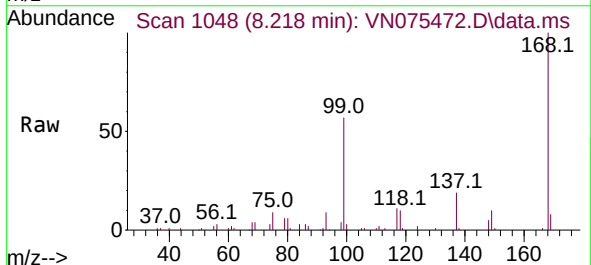


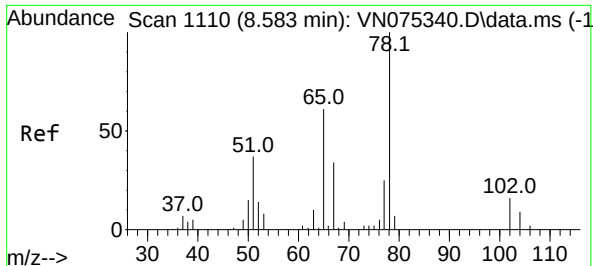
Tgt Ion: 84	Resp: 300
Ion Ratio	Lower Upper
84 100	
49 79.9	94.9 142.3#
51 0.0	26.8 40.2#
86 47.0	53.7 80.5#



#31
Cyclohexane
Concen: 1.053 ug/l
RT: 8.218 min Scan# 1048
Delta R.T. -0.041 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

Tgt Ion: 56	Resp: 2207
Ion Ratio	Lower Upper
56 100	
69 140.5	25.2 37.8#
84 111.1	77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 51.567 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075472.D

Acq: 29 Nov 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

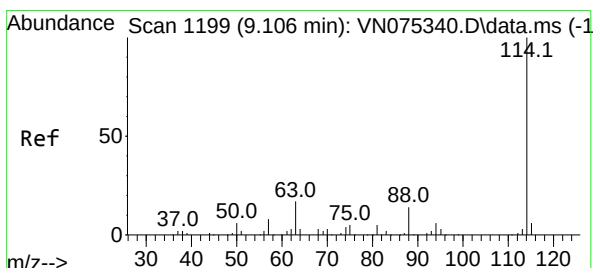
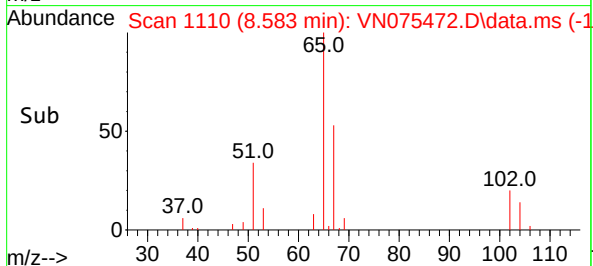
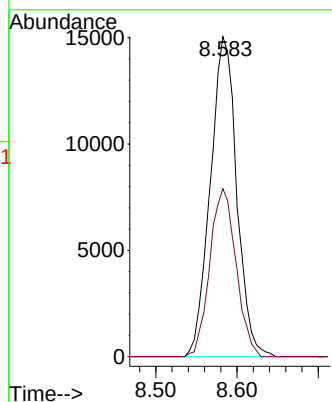
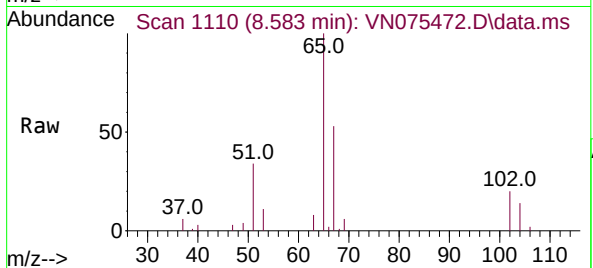
TB-2022-11-28

Tgt Ion: 65 Resp: 34013

Ion Ratio Lower Upper

65 100

67 52.1 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: VN075472.D

Acq: 29 Nov 2022 13:39

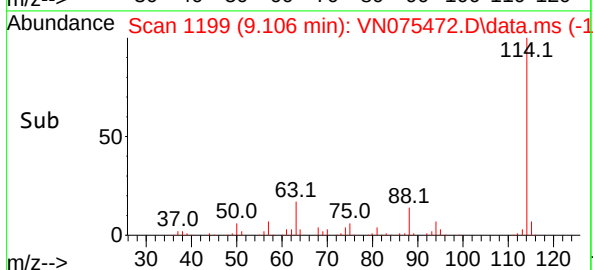
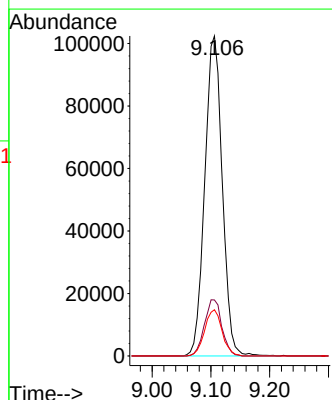
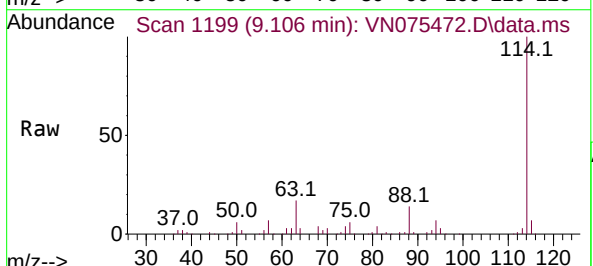
Tgt Ion:114 Resp: 211247

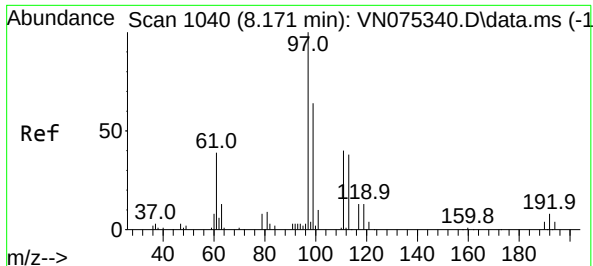
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.186 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075472.D

Acq: 29 Nov 2022 13:39

Instrument :

MSVOA_N

ClientSampleId :

TB-2022-11-28

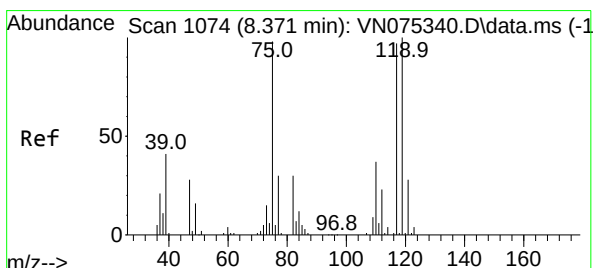
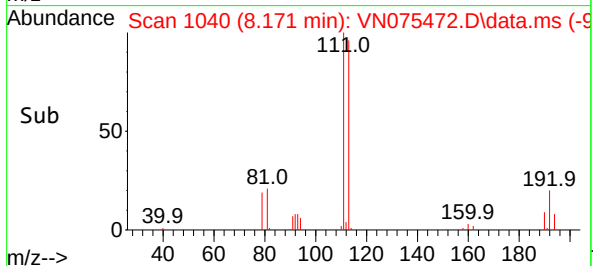
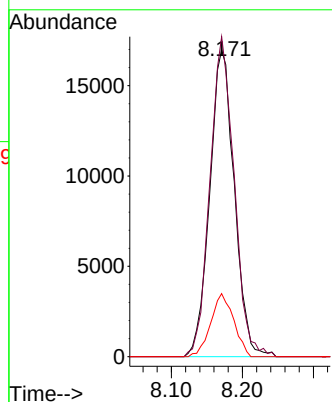
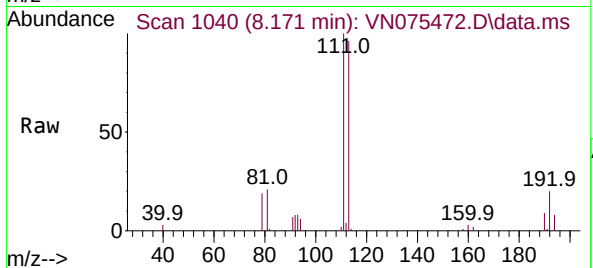
Tgt Ion:113 Resp: 40817

Ion Ratio Lower Upper

113 100

111 102.5 80.5 120.7

192 19.2 13.2 19.8



#36

1,1-Dichloropropene

Concen: 5.006 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.135 min

Lab File: VN075472.D

Acq: 29 Nov 2022 13:39

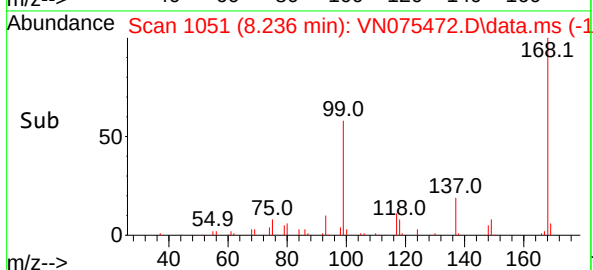
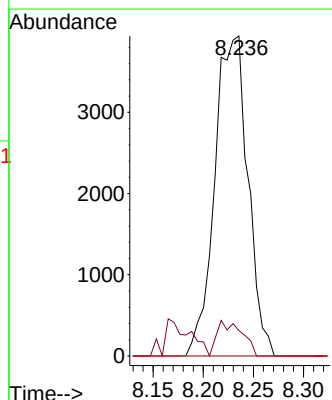
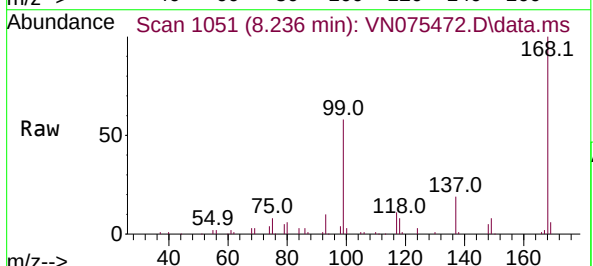
Tgt Ion: 75 Resp: 9059

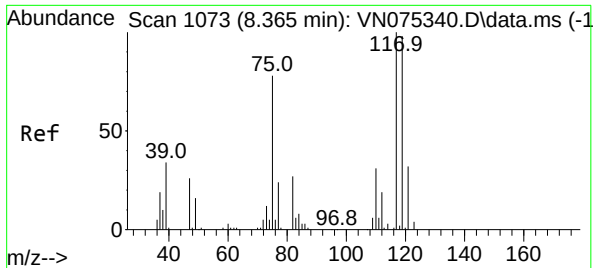
Ion Ratio Lower Upper

75 100

110 8.3 17.8 53.3#

77 0.0 24.6 37.0#

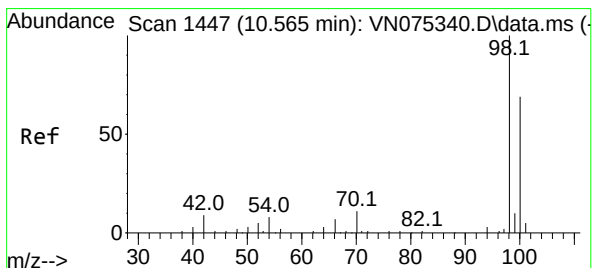
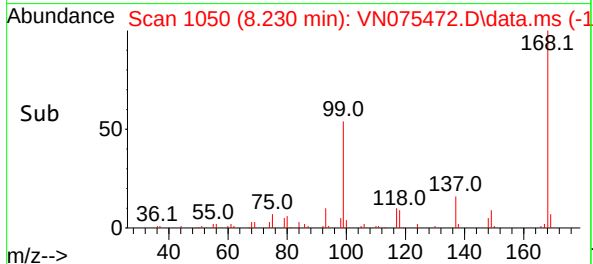
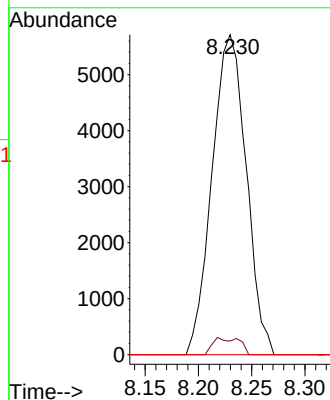
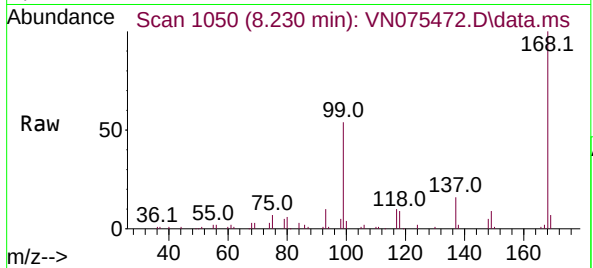




#38
Carbon Tetrachloride
Concen: 6.409 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

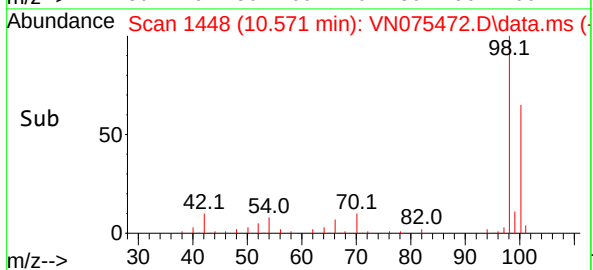
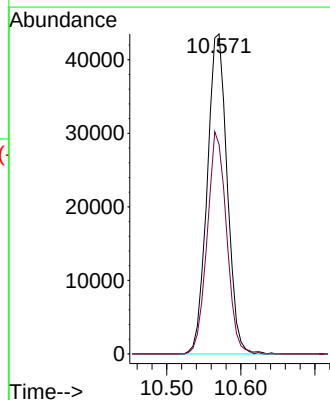
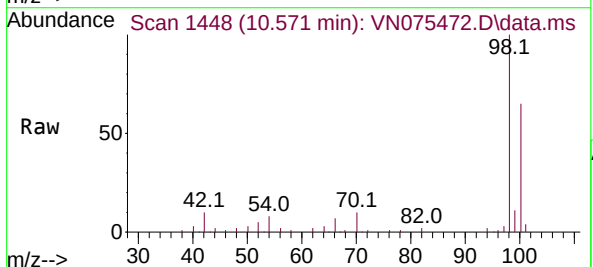
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-11-28

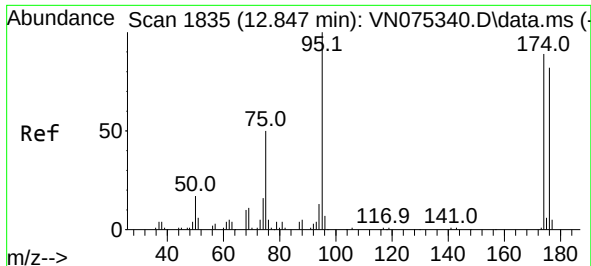
Tgt Ion:117 Resp: 12742
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 43.557 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

Tgt Ion: 98 Resp: 81411
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6

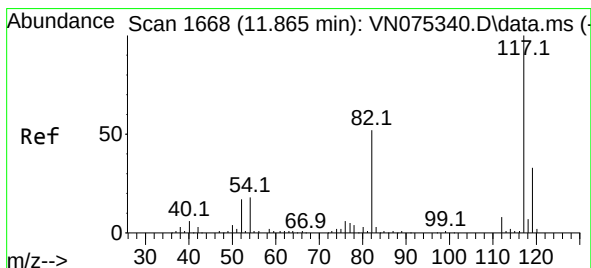
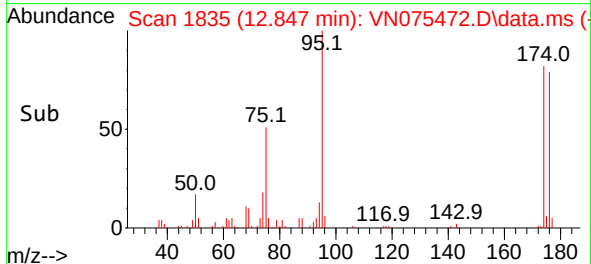
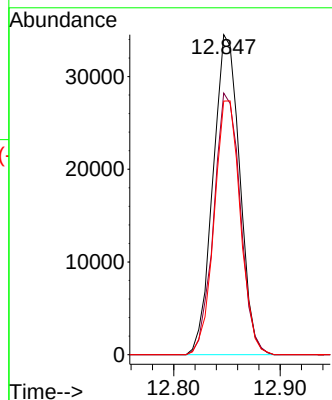
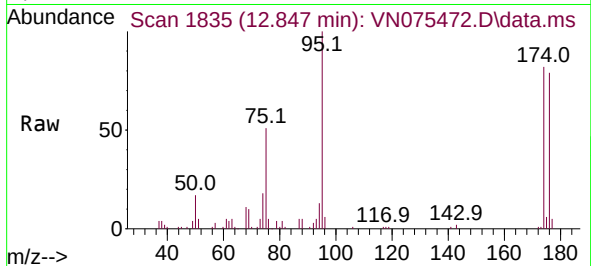




#62
4-Bromofluorobenzene
Concen: 43.478 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

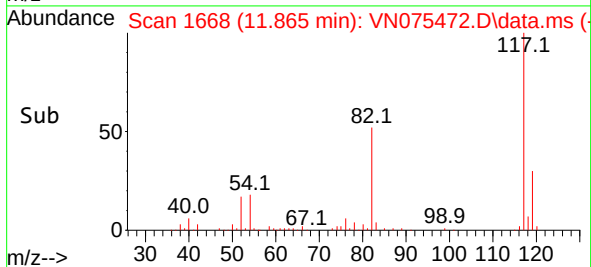
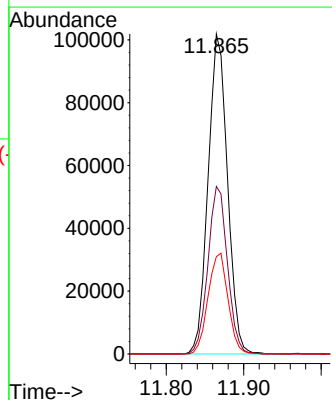
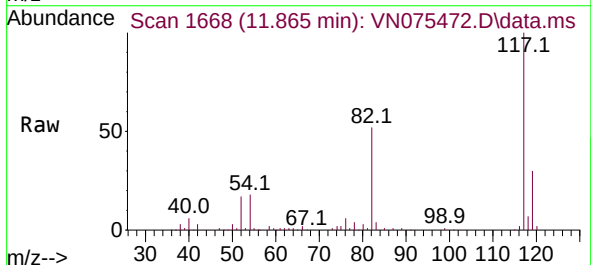
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-11-28

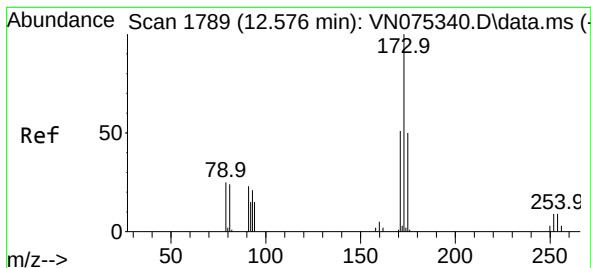
Tgt Ion: 95 Resp: 59980
Ion Ratio Lower Upper
95 100
174 81.0 0.0 147.4
176 77.8 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

Tgt Ion: 117 Resp: 176718
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 30.4 25.5 38.3





#71

Bromoform

Concen: 0.226 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.271 min

Lab File: VN075472.D

Acq: 29 Nov 2022 13:39

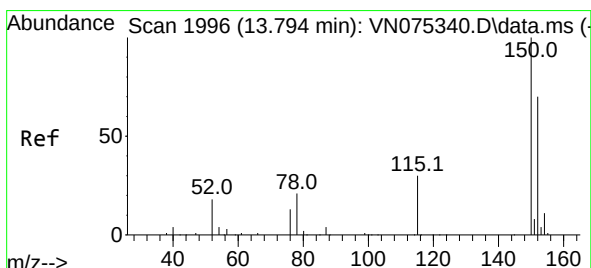
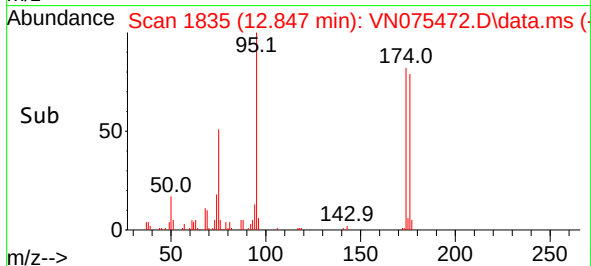
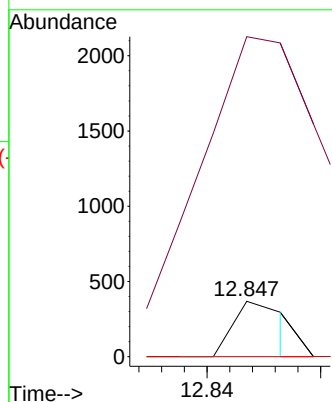
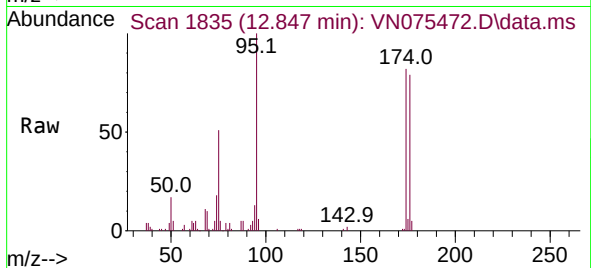
Instrument :

MSVOA_N

ClientSampleId :

TB-2022-11-28

Tgt Ion:	173	Resp:	234
Ion Ratio	Lower	Upper	
173	100		
175	1042.3	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

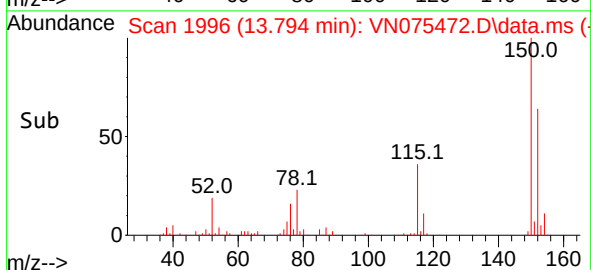
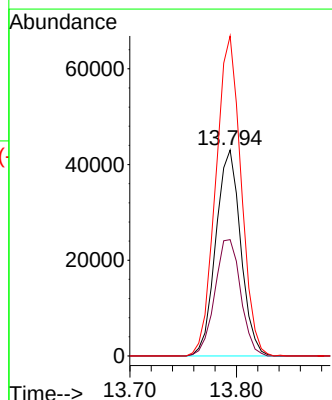
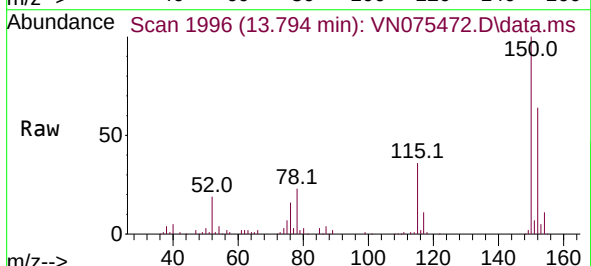
RT: 13.794 min Scan# 1996

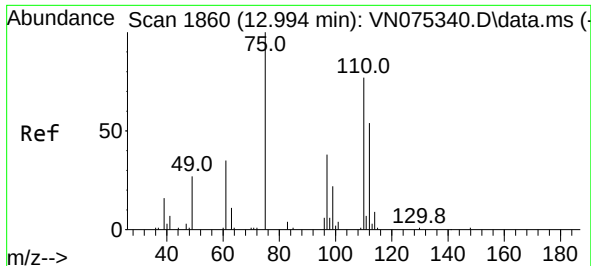
Delta R.T. -0.000 min

Lab File: VN075472.D

Acq: 29 Nov 2022 13:39

Tgt Ion:	152	Resp:	69752
Ion Ratio	Lower	Upper	
152	100		
115	58.7	30.2	90.6
150	158.1	0.0	348.4

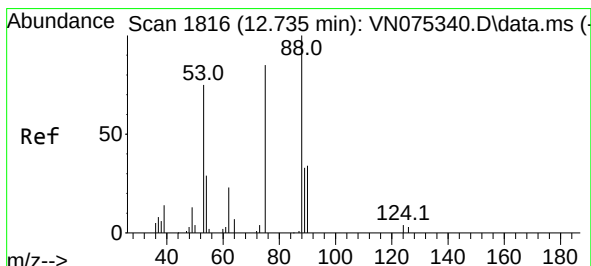
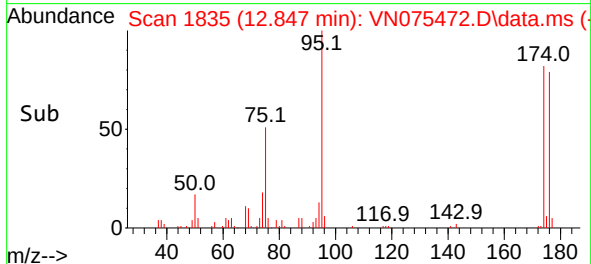
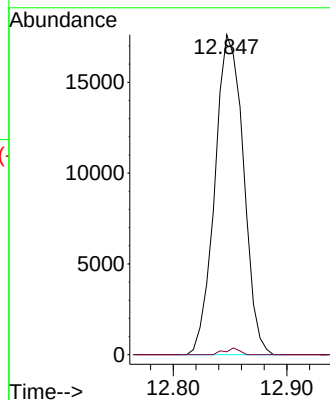
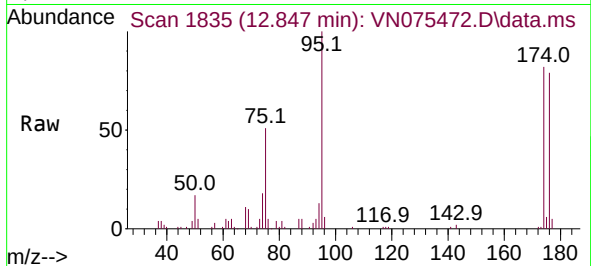




#76
1,2,3-Trichloropropane
Concen: 23.391 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

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

Tgt Ion: 75 Resp: 30849
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.209 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075472.D
Acq: 29 Nov 2022 13:39

Tgt Ion: 75 Resp: 30849
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

