

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076900.D
 Acq On : 09 Mar 2023 14:04
 Operator : JC\MD
 Sample : 01852-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20230308

Quant Time: Mar 10 01:32:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

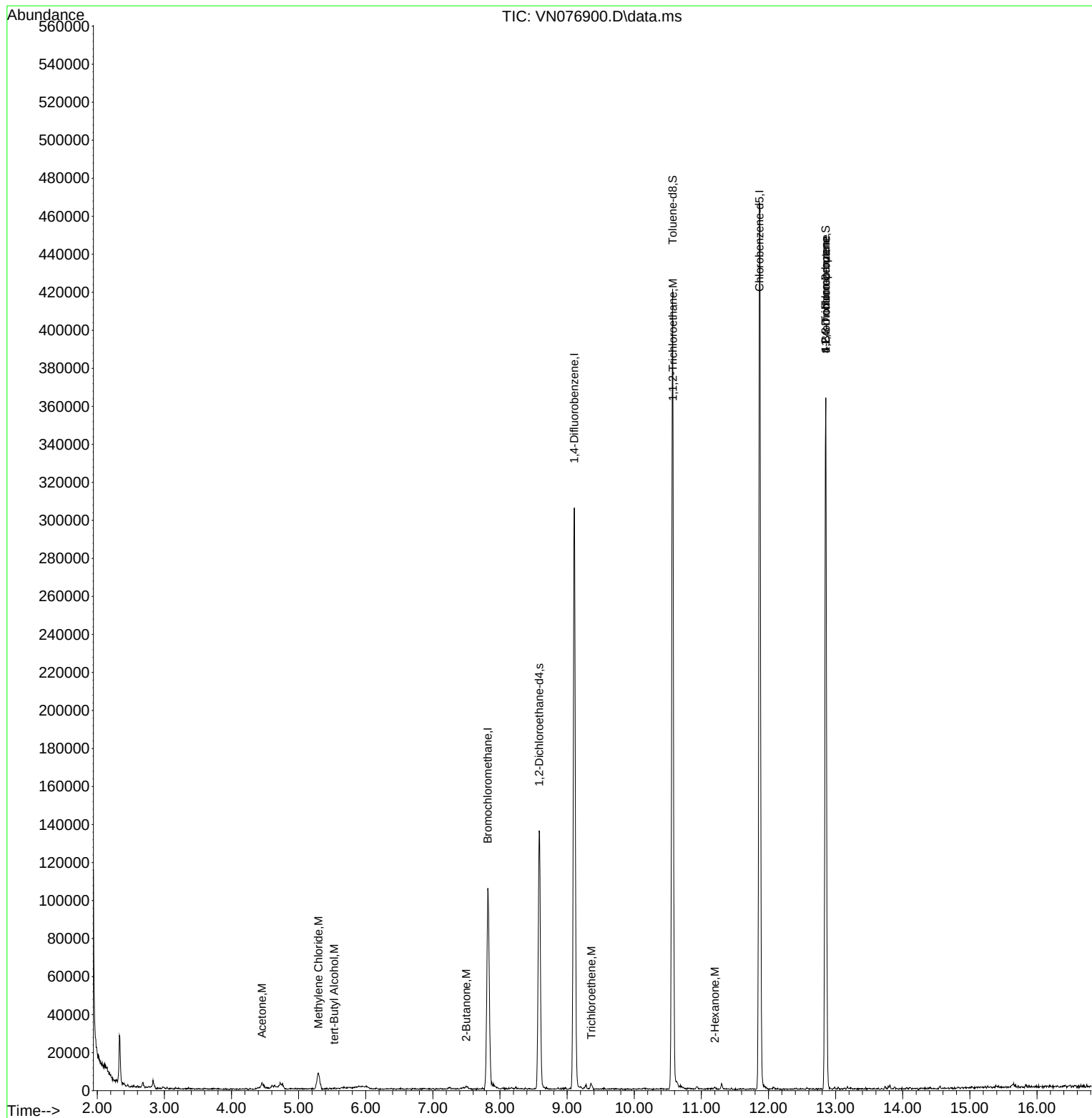
Internal Standards						
1) Bromochloromethane	7.819	128	38799	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	262684	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	273213	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	114994	32.245	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.500%
60) 4-Bromofluorobenzene	12.854	95	130826	25.300	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.333%
63) Toluene-d8	10.572	98	282432	29.391	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.967%
Target Compounds						
					Qvalue	
15) Acetone	4.454	58	1199	1.913	ug/l #	51
18) Methylene Chloride	5.295	84	3172	0.638	ug/l #	75
23) tert-Butyl Alcohol	5.531	59	186	0.278	ug/l #	100
30) 2-Butanone	7.495	43	2669	0.946	ug/l #	69
37) Trichloroethene	9.360	130	1237	0.265	ug/l #	65
50) 1,1,2-Trichloroethane	10.577	97	9187	2.020	ug/l #	1
59) 2-Hexanone	11.201	43	1013	0.258	ug/l #	52
72) 1,2,3-Trichloropropane	12.854	75	68403	12.574	ug/l	1
77) t-1,4-Dichloro-2-butene	12.854	75	68403	41.192	ug/l #	9

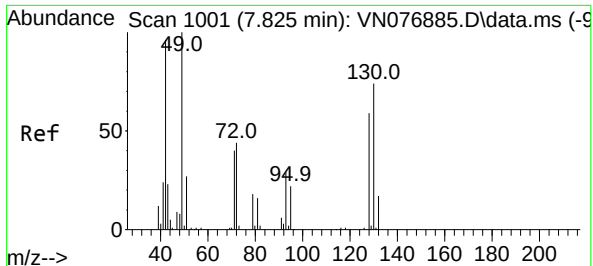
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
Data File : VN076900.D
Acq On : 09 Mar 2023 14:04
Operator : JC\MD
Sample : 01852-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230308

Quant Time: Mar 10 01:32:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 09 04:16:54 2023
Response via : Initial Calibration

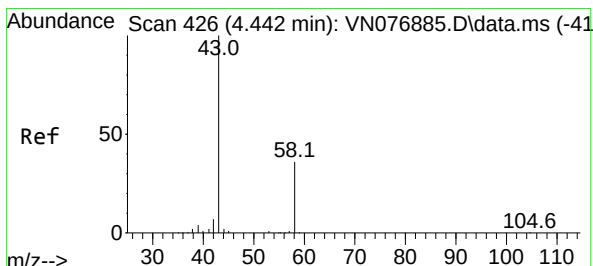
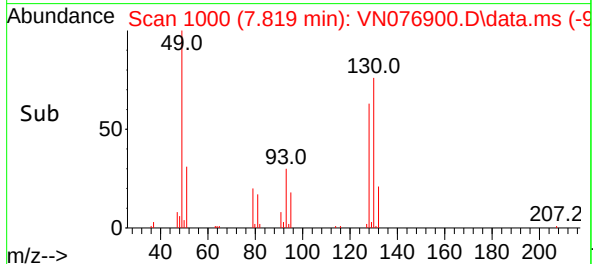
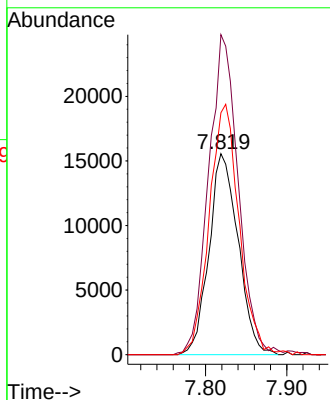
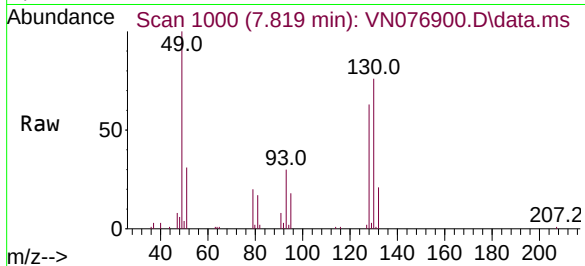




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

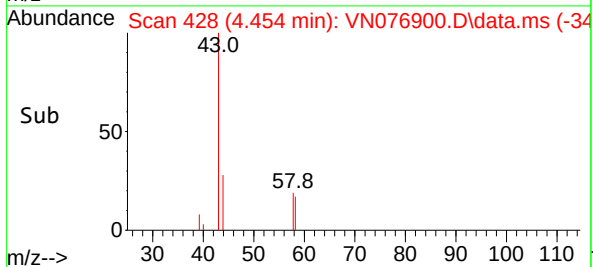
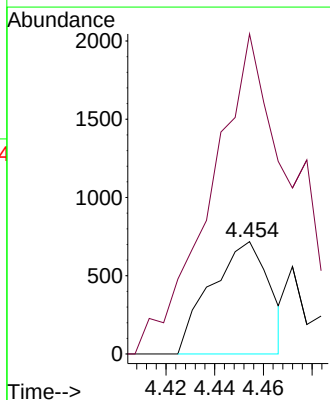
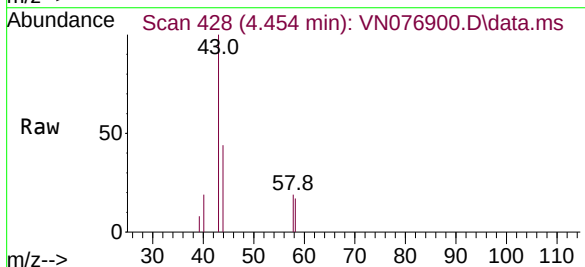
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230308

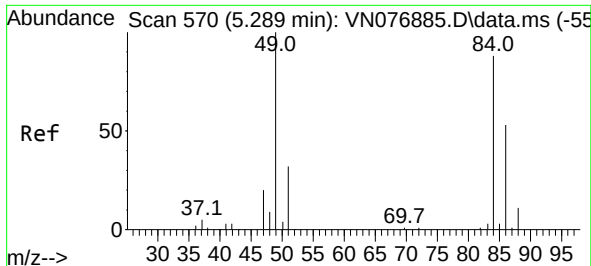
Tgt Ion:128 Resp: 38799
Ion Ratio Lower Upper
128 100
49 161.0 0.0 461.8
130 126.3 0.0 295.3



#15
Acetone
Concen: 1.913 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

Tgt Ion: 58 Resp: 1199
Ion Ratio Lower Upper
58 100
43 218.1 255.4 383.0#





#18

Methylene Chloride

Concen: 0.638 ug/l

RT: 5.295 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN076900.D

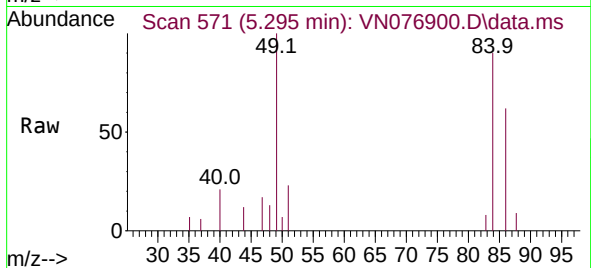
Acq: 09 Mar 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20230308



Tgt Ion: 84 Resp: 3172

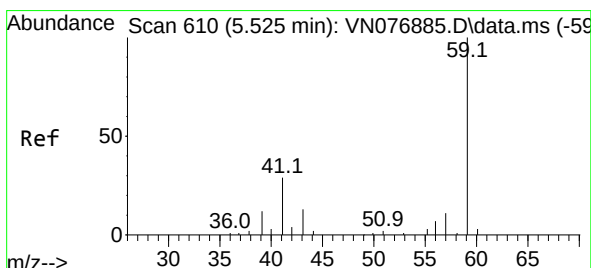
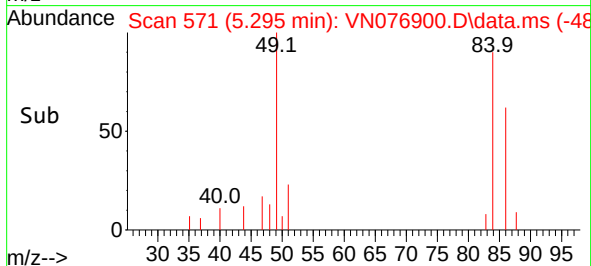
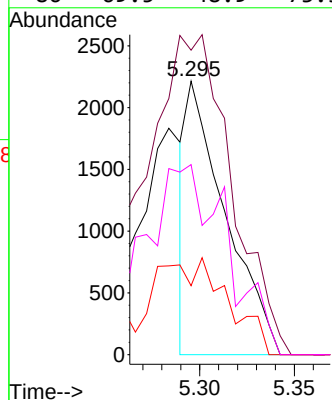
Ion Ratio Lower Upper

84 100

49 104.5 113.8 170.6#

51 25.2 34.2 51.4#

86 69.5 48.9 73.3



#23

tert-Butyl Alcohol

Concen: 0.278 ug/l

RT: 5.531 min Scan# 611

Delta R.T. -0.000 min

Lab File: VN076900.D

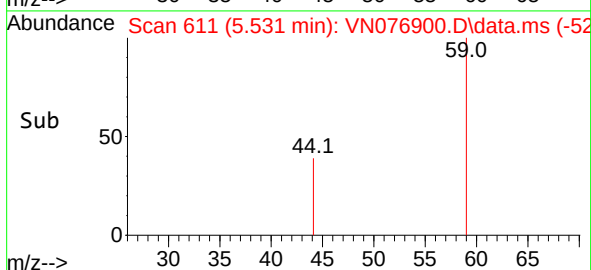
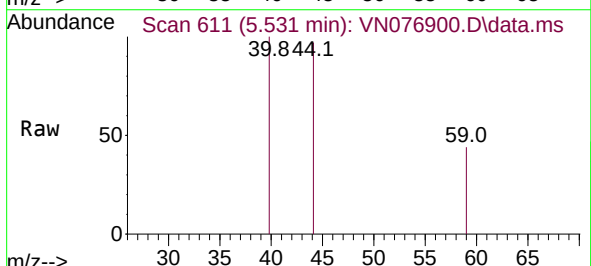
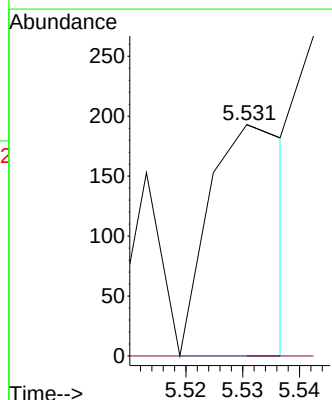
Acq: 09 Mar 2023 14:04

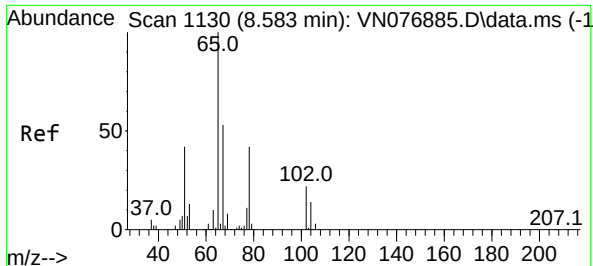
Tgt Ion: 59 Resp: 186

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.2#

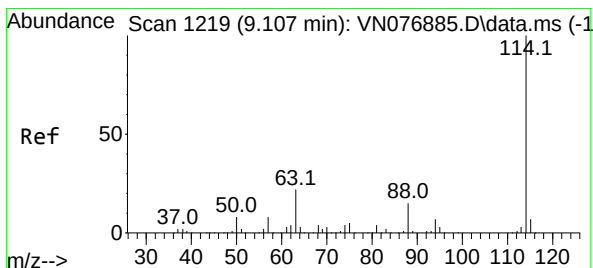
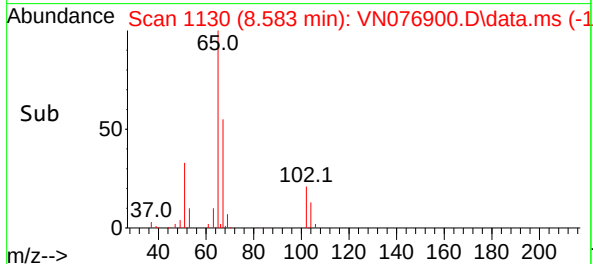
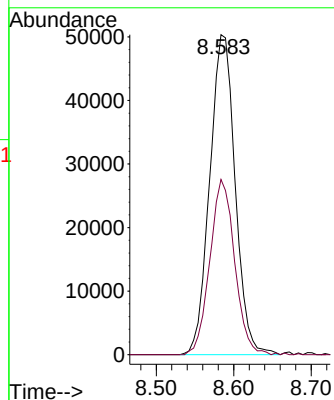
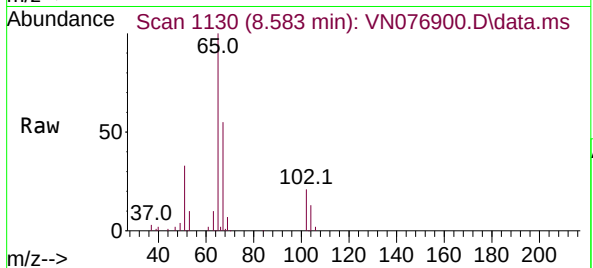




#27
1,2-Dichloroethane-d4
Concen: 32.245 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

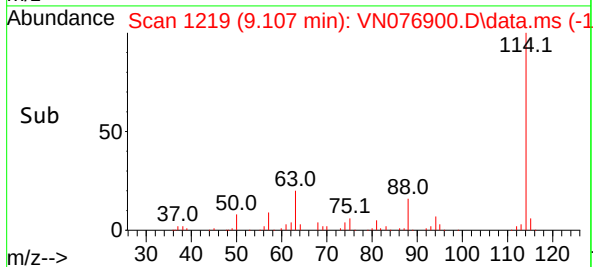
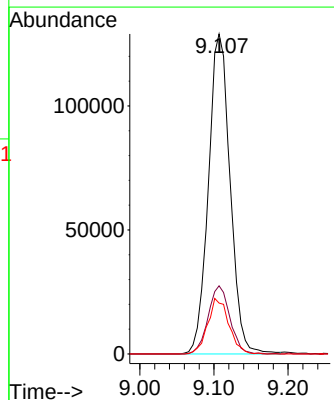
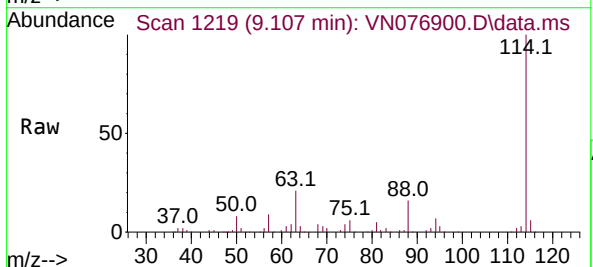
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230308

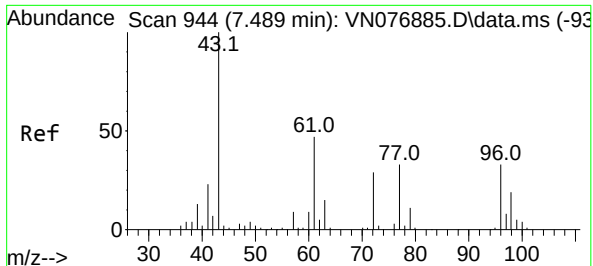
Tgt Ion: 65 Resp: 114994
Ion Ratio Lower Upper
65 100
67 53.3 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

Tgt Ion: 114 Resp: 262684
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 16.9 11.6 17.4

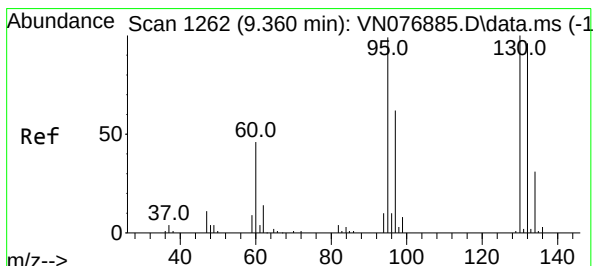
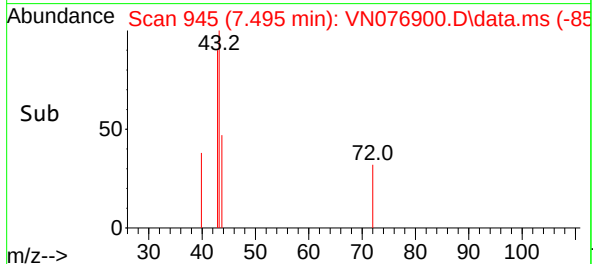
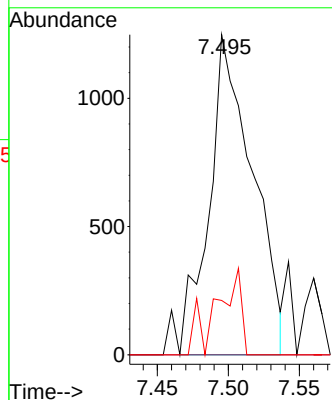
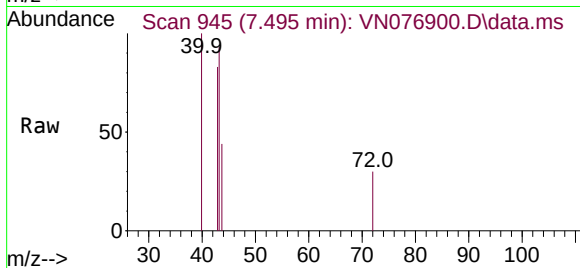




#30
2-Butanone
Concen: 0.946 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

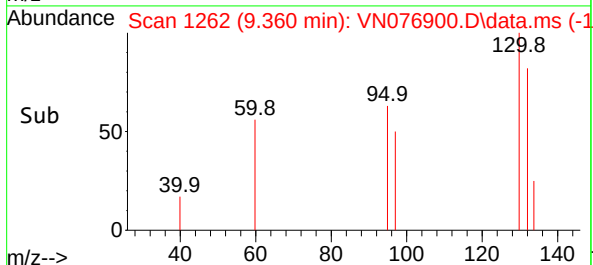
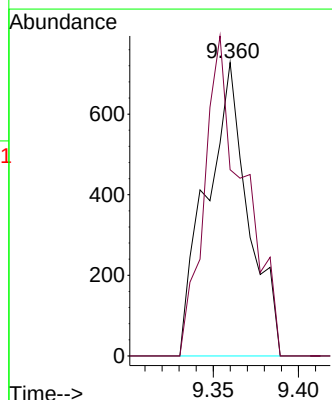
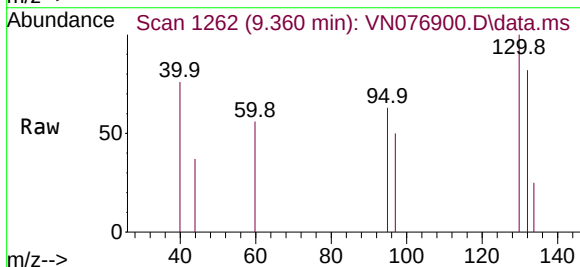
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230308

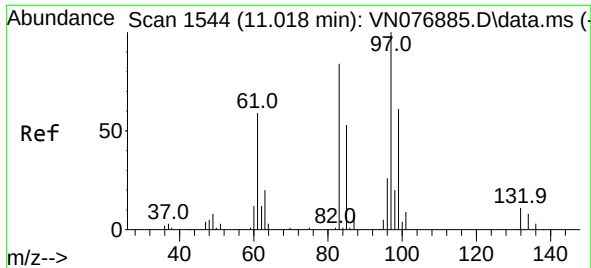
Tgt Ion: 43 Resp: 2669
Ion Ratio Lower Upper
43 100
57 0.0 6.1 9.1#
72 8.2 20.2 30.4#



#37
Trichloroethene
Concen: 0.265 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

Tgt Ion: 130 Resp: 1237
Ion Ratio Lower Upper
130 100
95 63.5 78.7 118.1#

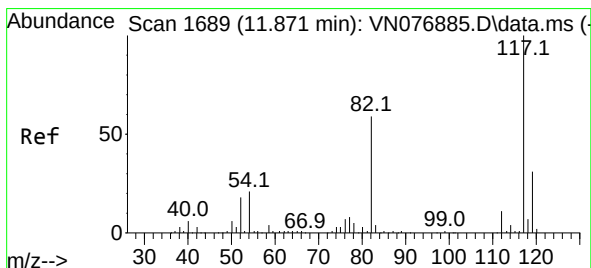
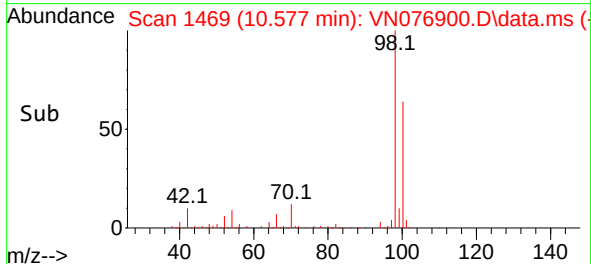
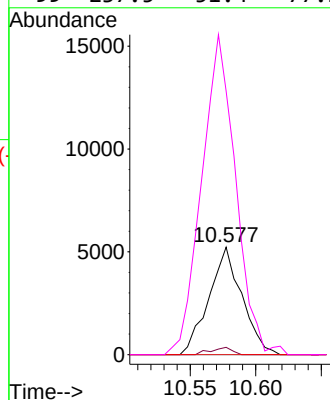
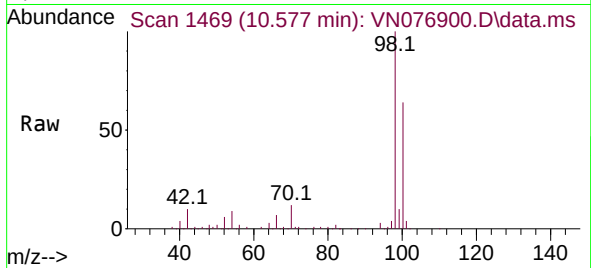




#50
1,1,2-Trichloroethane
Concen: 2.020 ug/l
RT: 10.577 min Scan# 14
Delta R.T. -0.442 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

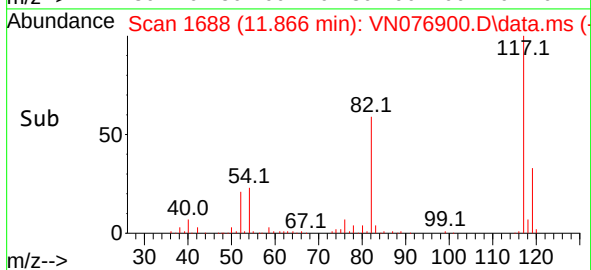
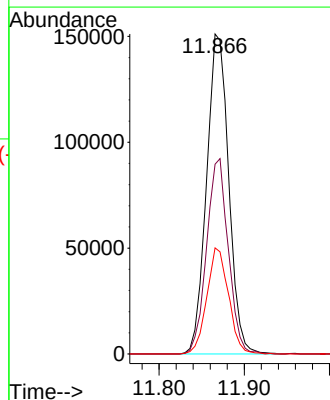
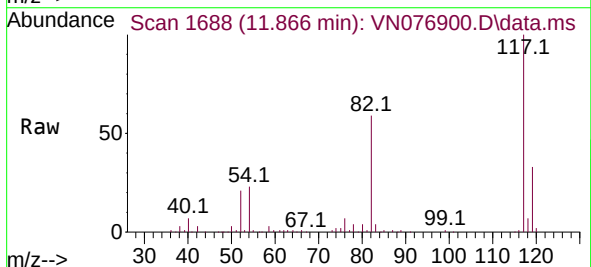
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230308

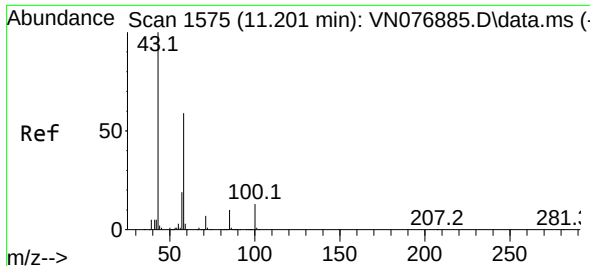
Tgt Ion: 97	Resp: 9187
Ion Ratio	Lower Upper
97 100	
83 6.9	71.0 106.4#
85 0.0	45.5 68.3#
99 237.5	51.4 77.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

Tgt Ion: 117	Resp: 273213
Ion Ratio	Lower Upper
117 100	
82 59.8	45.4 68.0
119 32.4	26.8 40.2

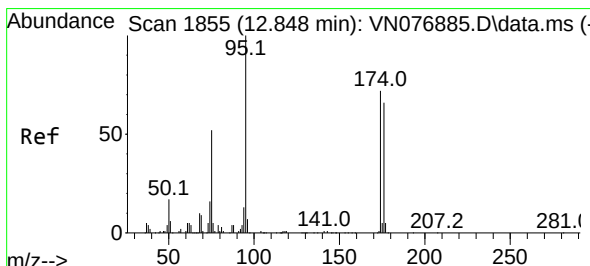
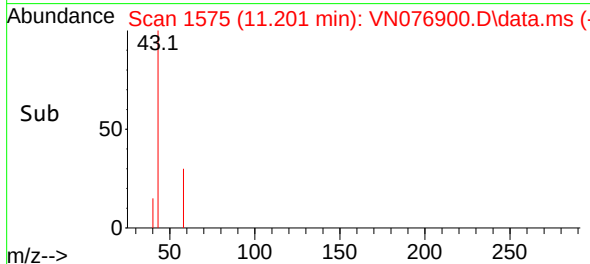
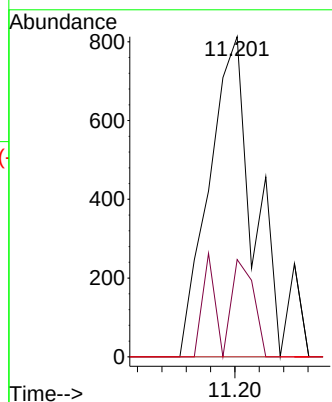
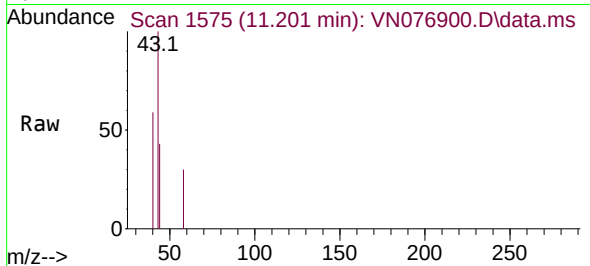




#59
2-Hexanone
Concen: 0.258 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

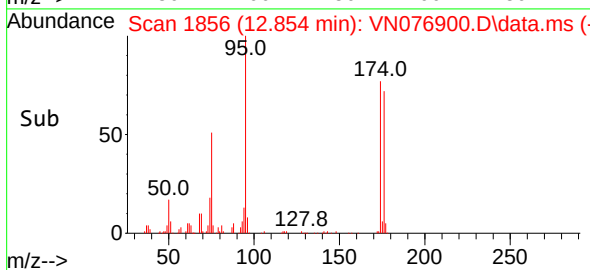
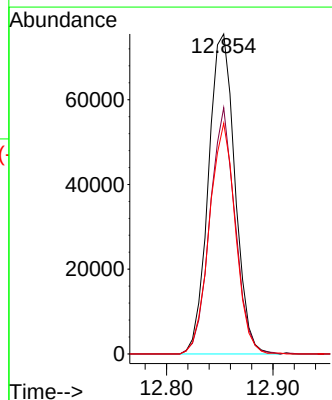
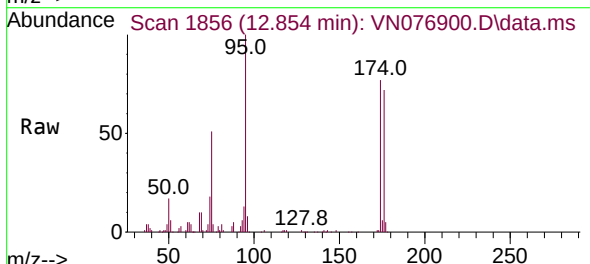
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230308

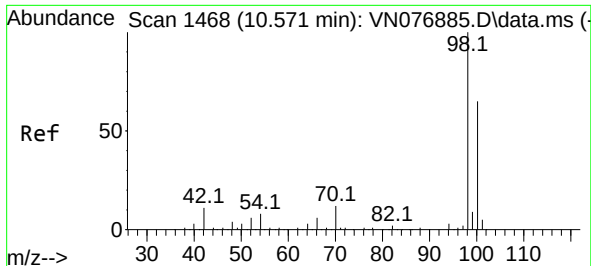
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
58 15.4 40.6 60.8#
57 0.0 13.1 19.7#



#60
4-Bromofluorobenzene
Concen: 25.300 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

Tgt Ion: 95 Resp: 130826
Ion Ratio Lower Upper
95 100
174 73.1 64.2 96.4
176 70.7 61.4 92.0

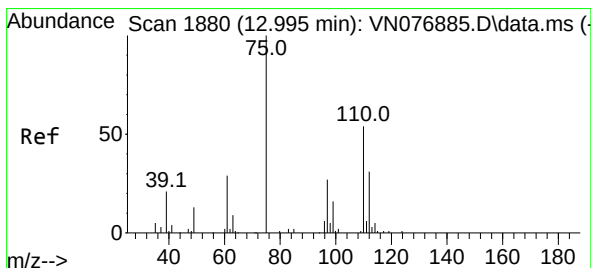
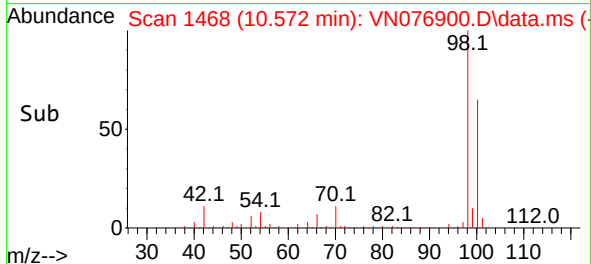
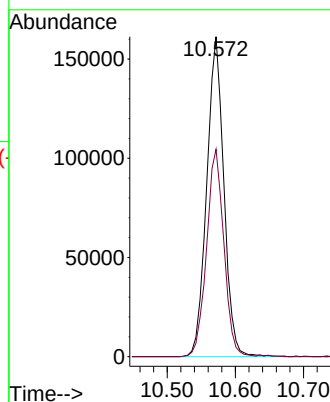
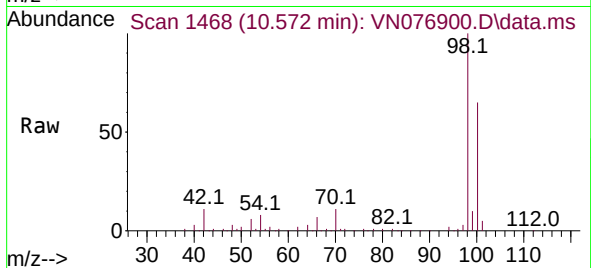




#63
Toluene-d8
Concen: 29.391 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

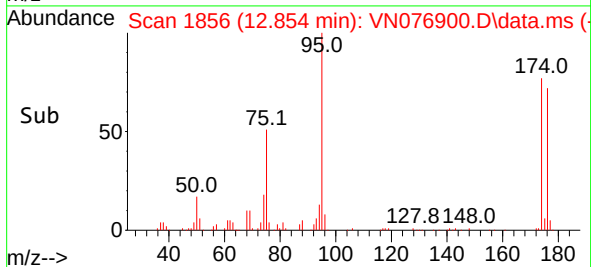
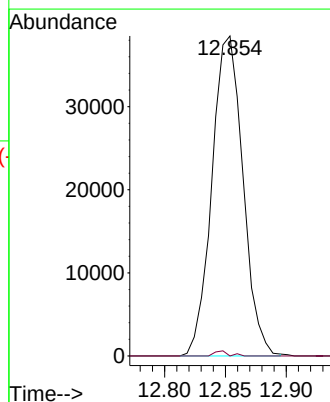
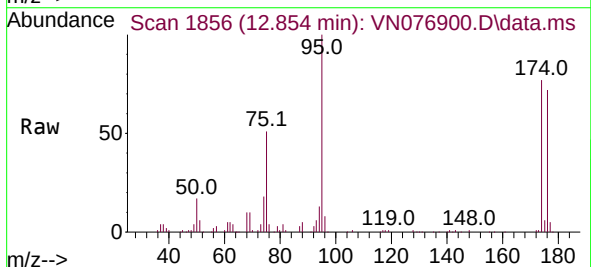
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20230308

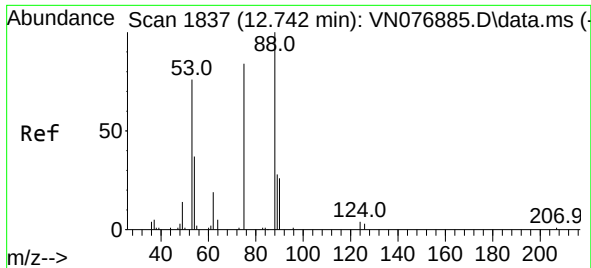
Tgt Ion: 98 Resp: 282432
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6



#72
1,2,3-Trichloropropane
Concen: 12.574 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076900.D
Acq: 09 Mar 2023 14:04

Tgt Ion: 75 Resp: 68403
Ion Ratio Lower Upper
75 100
77 0.1 0.0 332.6





#77

t-1,4-Dichloro-2-butene

Concen: 41.192 ug/l

RT: 12.854 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN076900.D

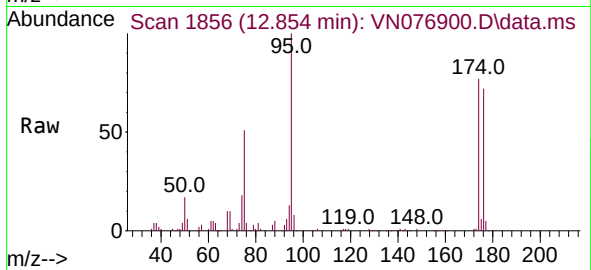
Acq: 09 Mar 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20230308



Tgt Ion: 75 Resp: 68403

Ion Ratio Lower Upper

75 100

53 0.0 50.4 151.3#

89 0.0 22.1 66.5#

