

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073075.D
 Acq On : 24 Jun 2022 11:20
 Operator : JC\MD
 Sample : VN0624WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01

Quant Time: Jun 24 23:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

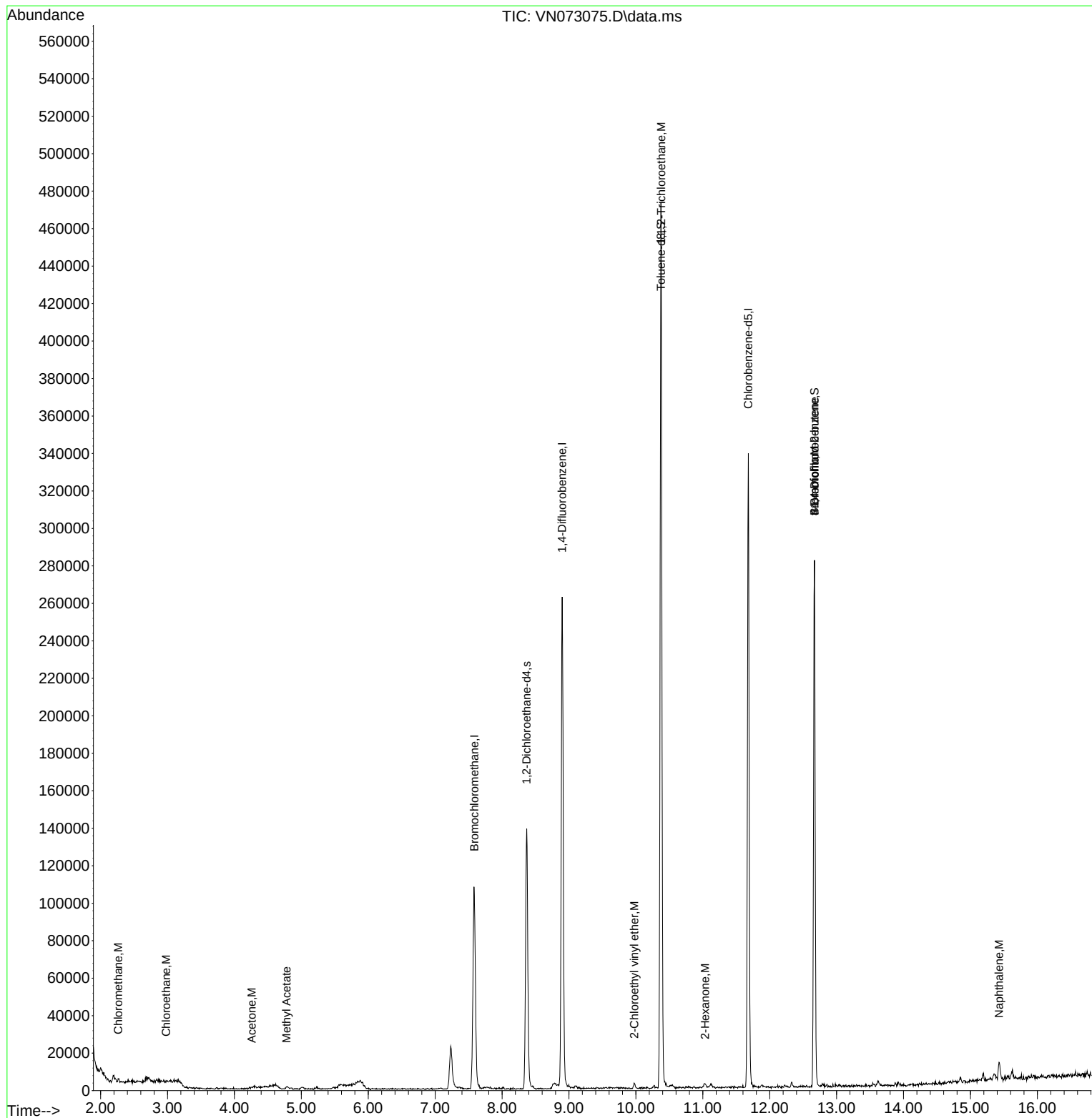
Internal Standards						
1) Bromochloromethane	7.586	128	39707	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	230352	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	190604	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	115245	30.108	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.367%
60) 4-Bromofluorobenzene	12.668	95	99551	27.299	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.000%
63) Toluene-d8	10.374	98	323100	31.303	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.333%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	711	0.239	ug/l	90
6) Chloroethane	2.981	64	333	0.203	ug/l #	44
12) Methyl Acetate	4.781	43	1614	0.283	ug/l #	49
15) Acetone	4.257	58	138	0.231	ug/l #	1
50) 1,1,2-Trichloroethane	10.380	97	9888	3.009	ug/l #	1
55) 2-Chloroethyl vinyl ether	9.974	63	1226	0.516	ug/l	95
56) Bromoform	12.668	173	798	0.319	ug/l #	1
59) 2-Hexanone	11.033	43	1469	0.347	ug/l #	97
77) t-1,4-Dichloro-2-butene	12.668	75	50215	44.472	ug/l #	8
91) Naphthalene	15.427	128	7910	0.664	ug/l #	89

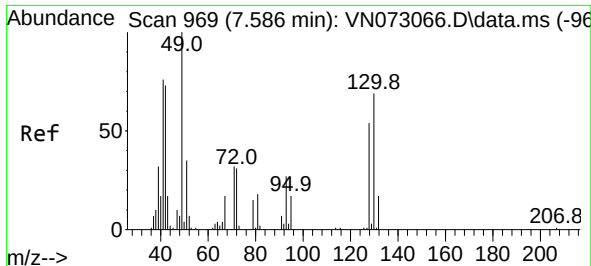
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
Data File : VN073075.D
Acq On : 24 Jun 2022 11:20
Operator : JC\MD
Sample : VN0624WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Quant Time: Jun 24 23:33:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 24 04:54:59 2022
Response via : Initial Calibration

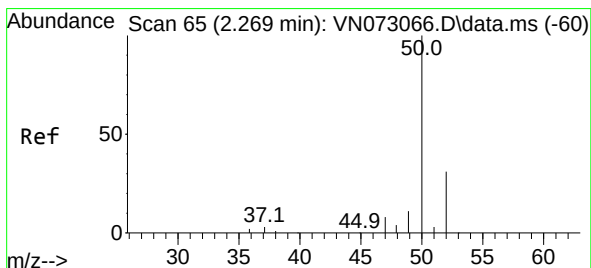
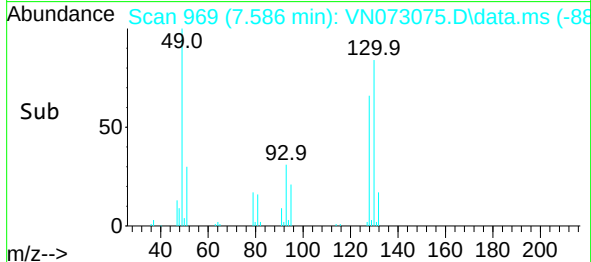
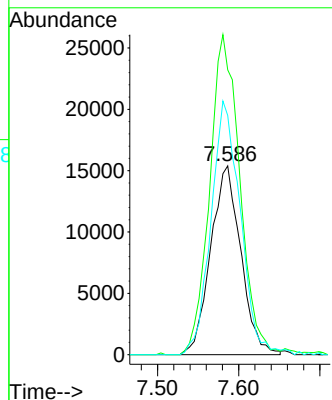
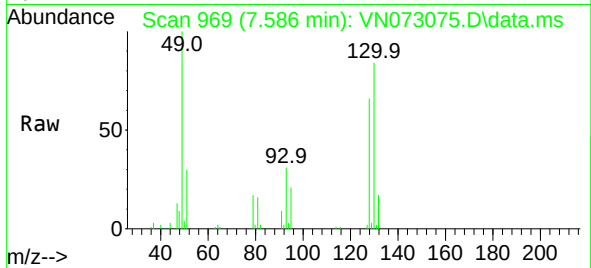




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

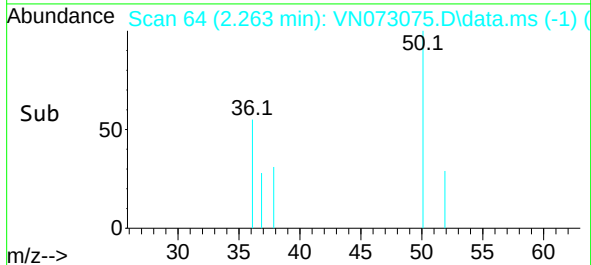
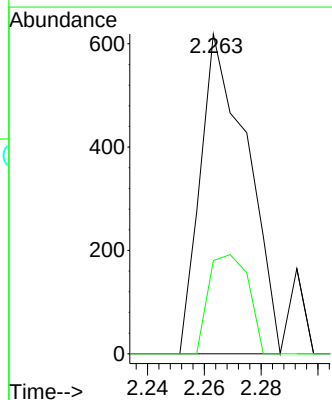
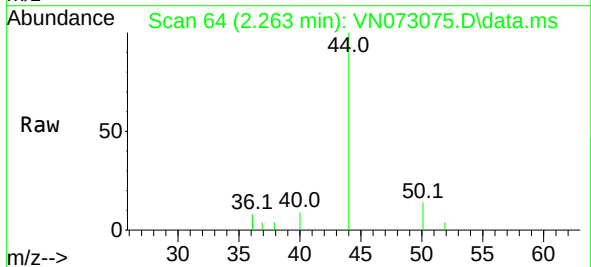
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

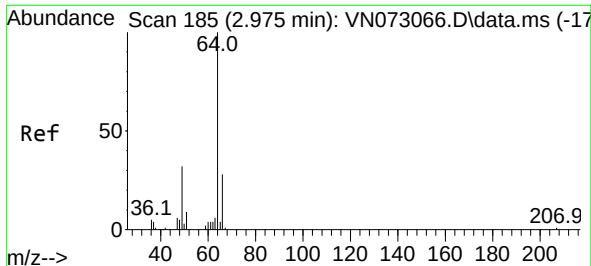
Tgt Ion:128 Resp: 39707
Ion Ratio Lower Upper
128 100
49 169.0 0.0 392.3
130 129.6 0.0 320.2



#3
Chloromethane
Concen: 0.239 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Tgt Ion: 50 Resp: 711
Ion Ratio Lower Upper
50 100
52 29.1 27.8 41.6

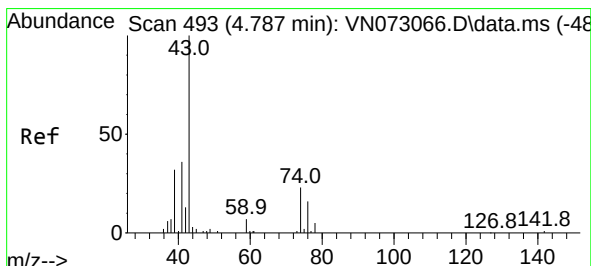
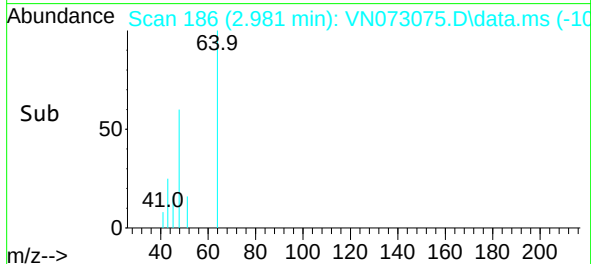
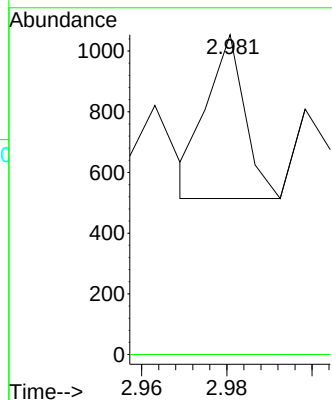
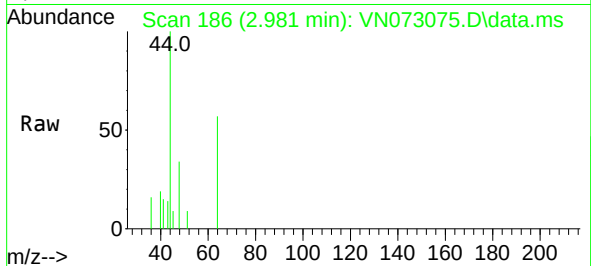




#6
Chloroethane
Concen: 0.203 ug/l
RT: 2.981 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

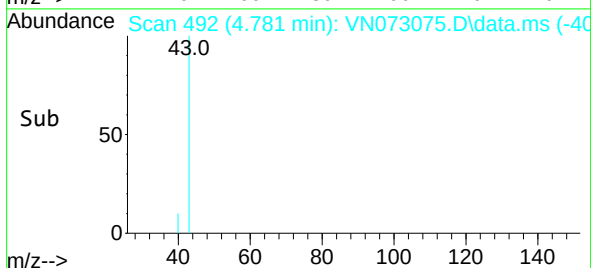
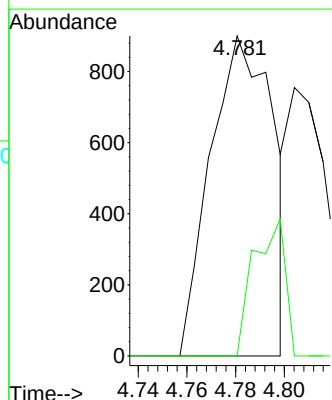
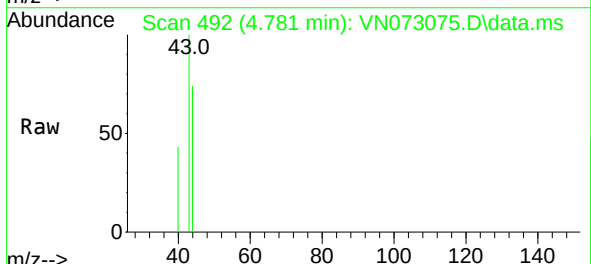
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

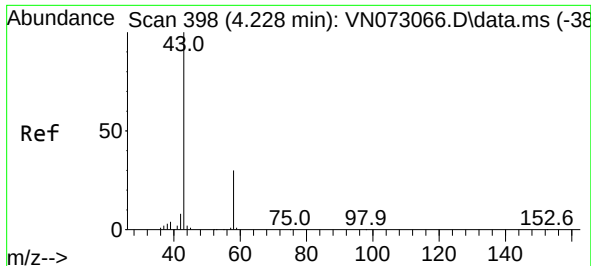
Tgt Ion: 64 Resp: 333
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#12
Methyl Acetate
Concen: 0.283 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.006 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#





#15

Acetone

Concen: 0.231 ug/l

RT: 4.257 min Scan# 403

Delta R.T. 0.029 min

Lab File: VN073075.D

Acq: 24 Jun 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

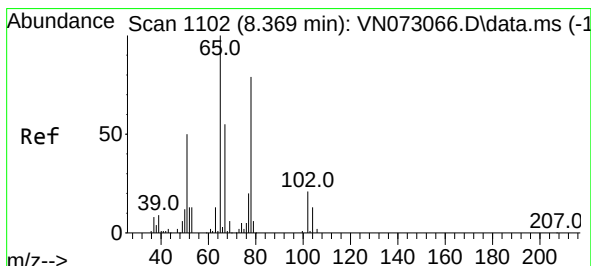
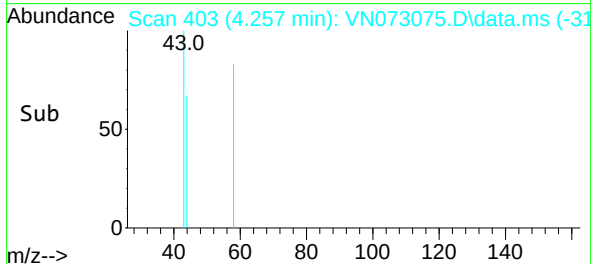
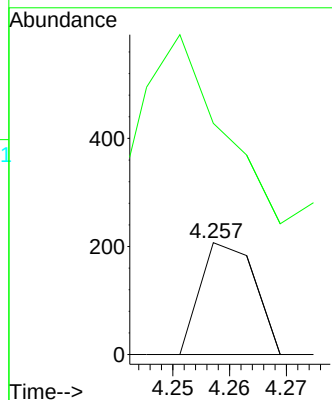
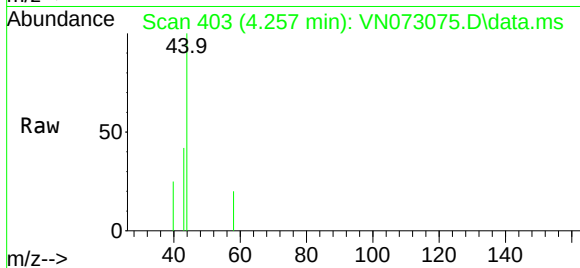
VN0624WBL01

Tgt Ion: 58 Resp: 138

Ion Ratio Lower Upper

58 100

43 89.9 256.6 384.8#



#27

1,2-Dichloroethane-d4

Concen: 30.108 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073075.D

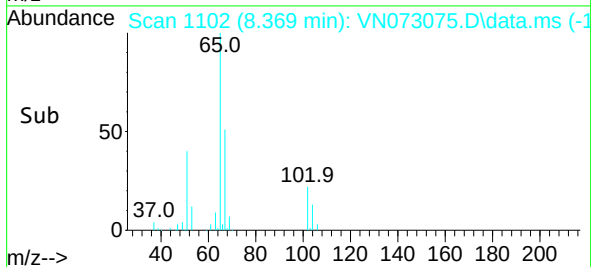
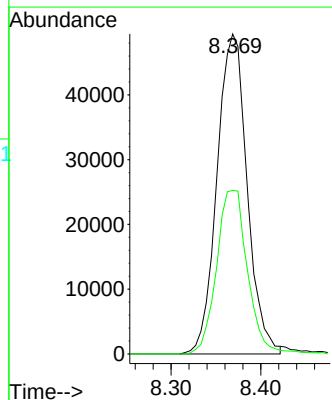
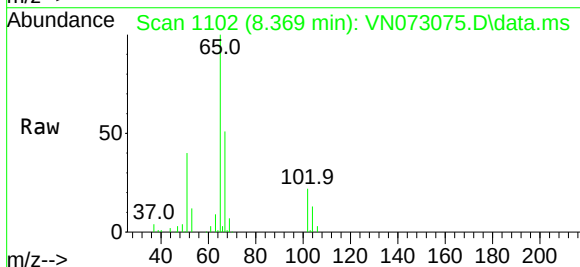
Acq: 24 Jun 2022 11:20

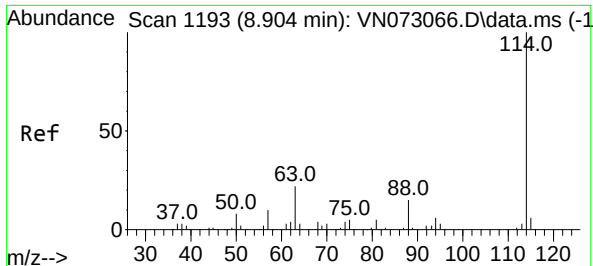
Tgt Ion: 65 Resp: 115245

Ion Ratio Lower Upper

65 100

67 52.6 40.2 60.2

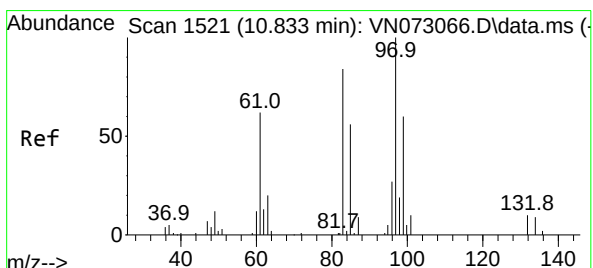
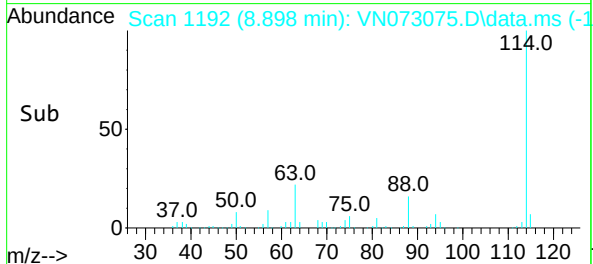
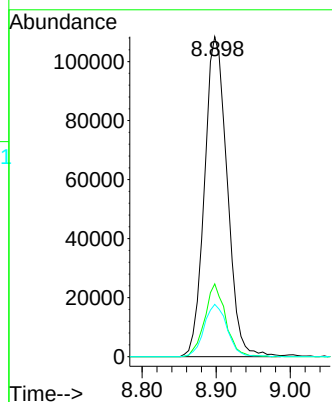
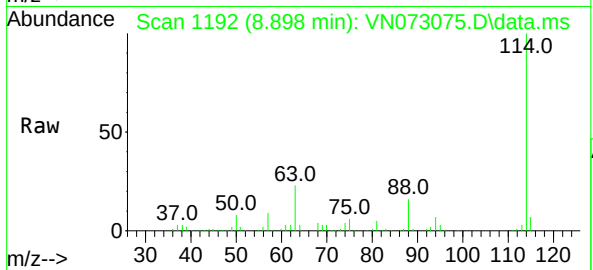




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.898 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VN073075.D
 Acq: 24 Jun 2022 11:20

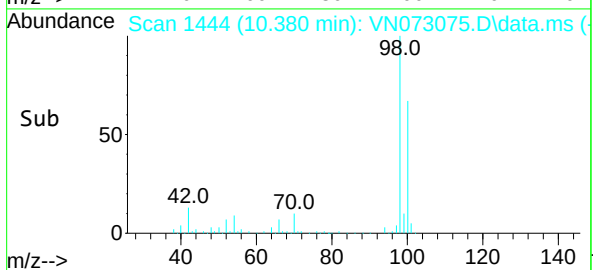
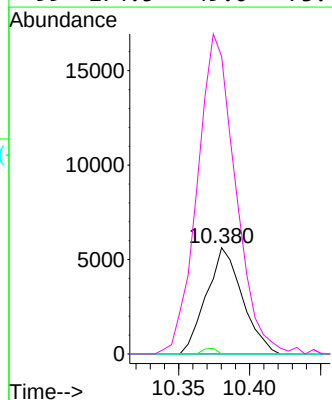
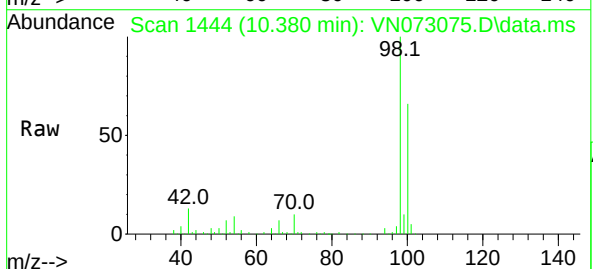
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01

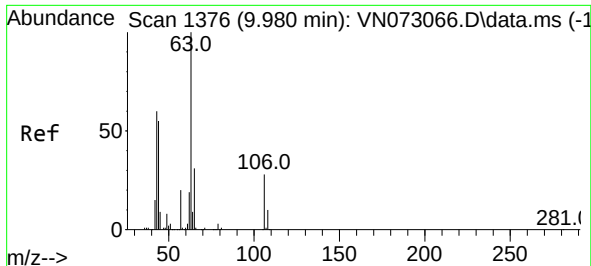
Tgt Ion:114 Resp: 230352
 Ion Ratio Lower Upper
 114 100
 63 20.8 15.8 23.6
 88 16.5 11.6 17.4



#50
 1,1,2-Trichloroethane
 Concen: 3.009 ug/l
 RT: 10.380 min Scan# 1444
 Delta R.T. -0.453 min
 Lab File: VN073075.D
 Acq: 24 Jun 2022 11:20

Tgt Ion: 97 Resp: 9888
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.2 100.8#
 85 0.0 43.0 64.4#
 99 274.5 49.0 73.4#





#55

2-Chloroethyl vinyl ether

Concen: 0.516 ug/l

RT: 9.974 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN073075.D

Acq: 24 Jun 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBL01

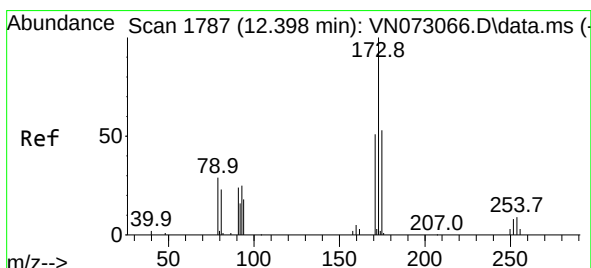
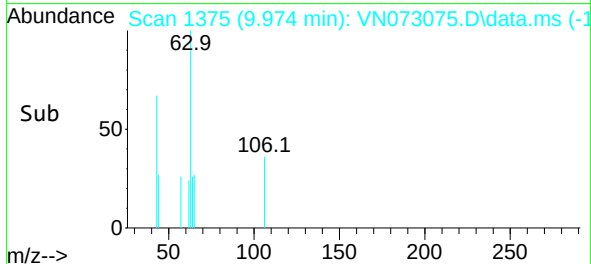
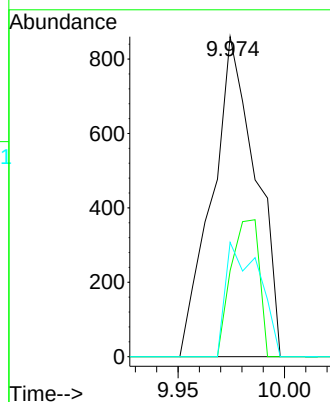
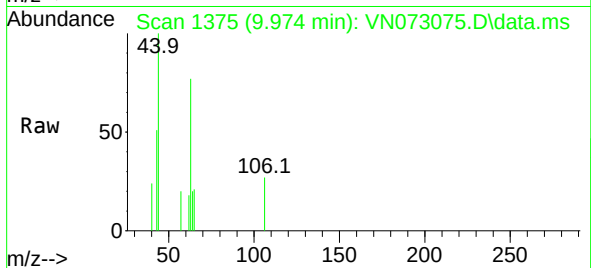
Tgt Ion: 63 Resp: 1226

Ion Ratio Lower Upper

63 100

65 27.7 25.4 38.0

106 27.5 23.2 34.8



#56

Bromoform

Concen: 0.319 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.270 min

Lab File: VN073075.D

Acq: 24 Jun 2022 11:20

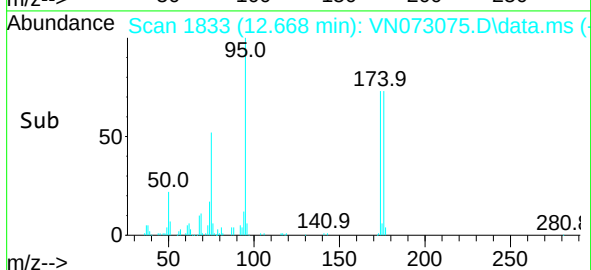
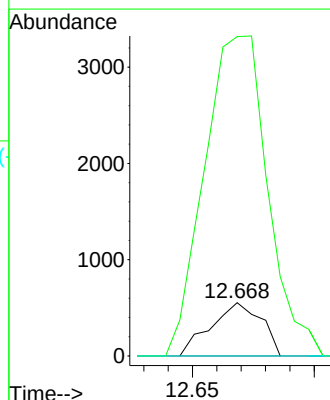
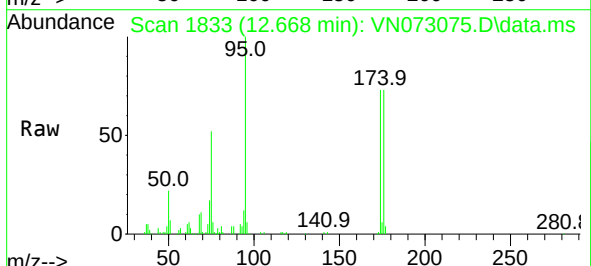
Tgt Ion: 173 Resp: 798

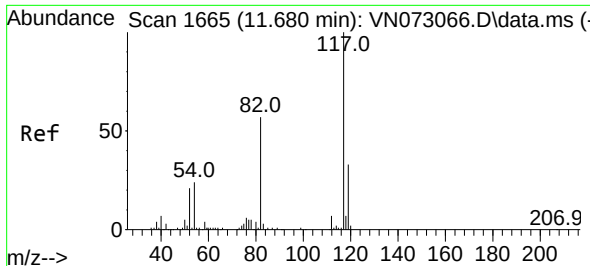
Ion Ratio Lower Upper

173 100

175 754.5 38.6 58.0#

254 0.0 0.0 0.0

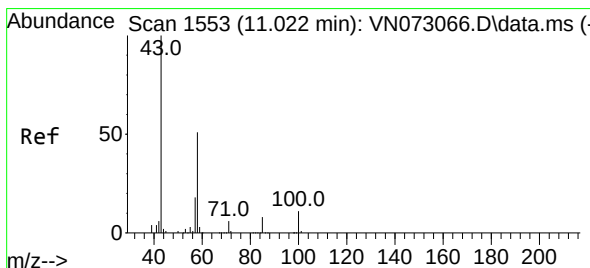
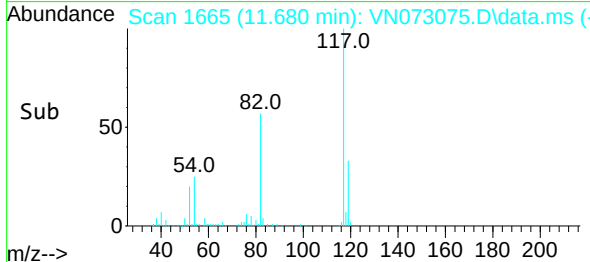
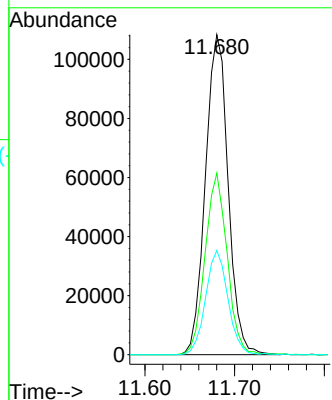
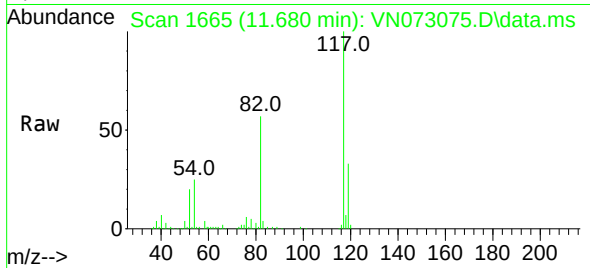




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

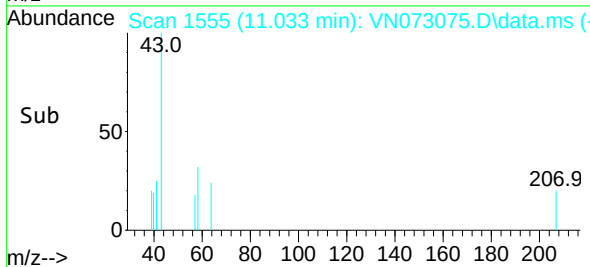
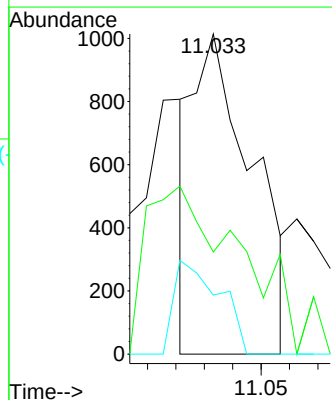
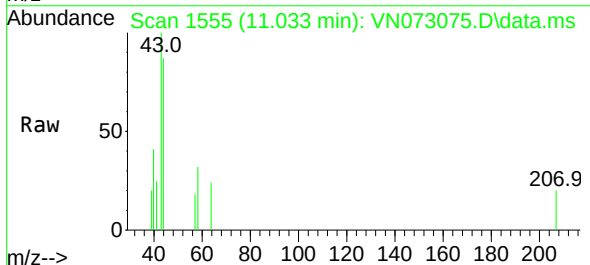
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

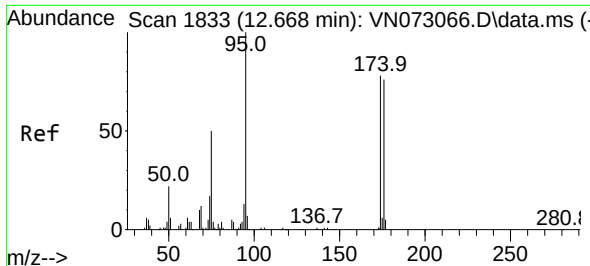
Tgt Ion:117 Resp: 190604
Ion Ratio Lower Upper
117 100
82 55.0 43.6 65.4
119 31.9 25.8 38.6



#59
2-Hexanone
Concen: 0.347 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.012 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 53.6 42.2 63.2
57 22.6 15.0 22.4#

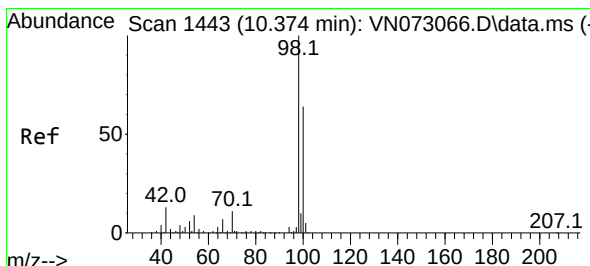
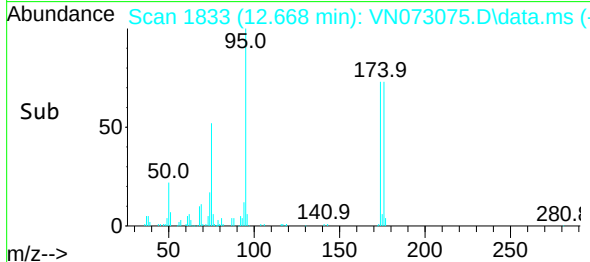
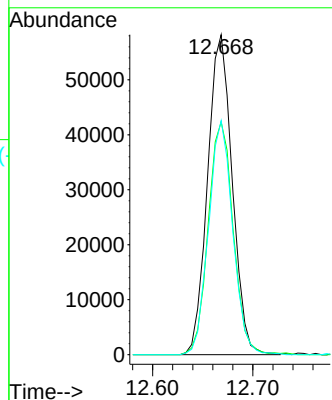
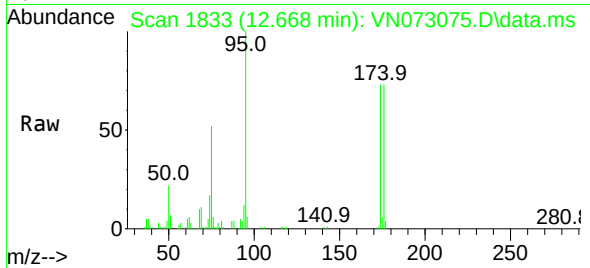




#60
4-Bromofluorobenzene
Concen: 27.299 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

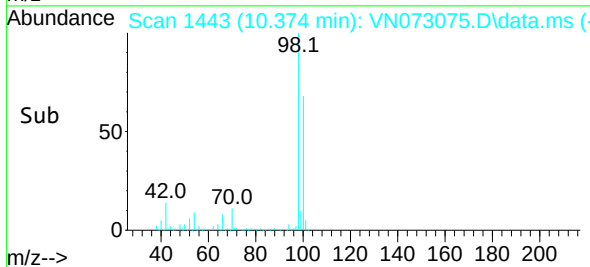
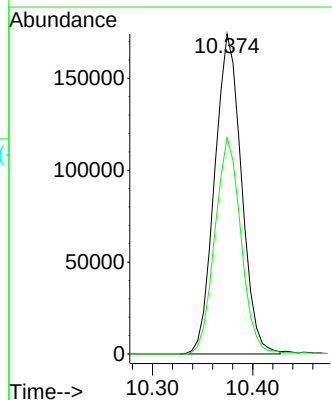
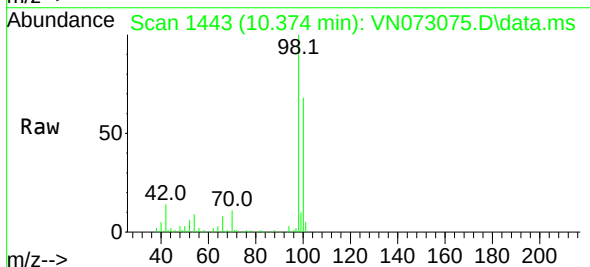
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

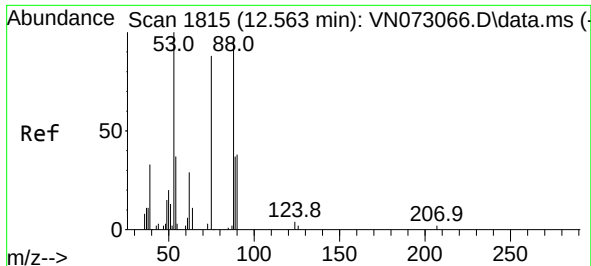
Tgt Ion: 95 Resp: 99551
Ion Ratio Lower Upper
95 100
174 73.8 62.9 94.3
176 71.5 61.0 91.4



#63
Toluene-d8
Concen: 31.303 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Tgt Ion: 98 Resp: 323100
Ion Ratio Lower Upper
98 100
100 65.8 50.6 76.0

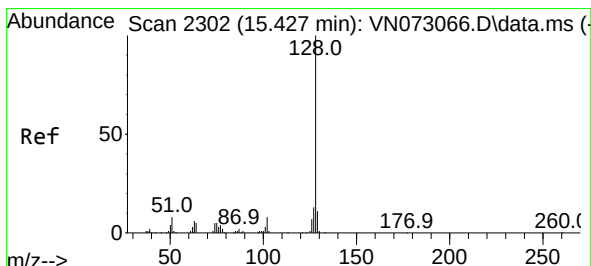
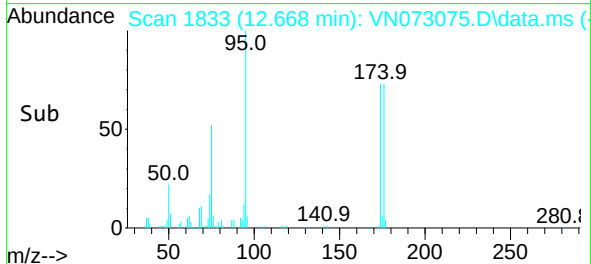
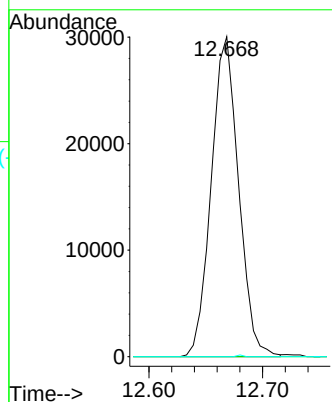
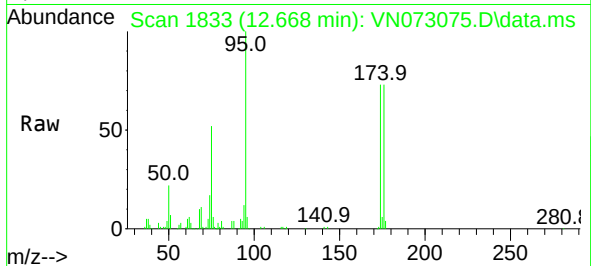




#77
t-1,4-Dichloro-2-butene
Concen: 44.472 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Tgt Ion: 75 Resp: 50215
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#91
Naphthalene
Concen: 0.664 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Tgt Ion: 128 Resp: 7910
Ion Ratio Lower Upper
128 100
127 10.1 10.7 16.1#
129 6.2 9.0 13.6#

