

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074308.D
 Acq On : 03 Sep 2022 00:38
 Operator : JC\MD
 Sample : N4355-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 03 04:43:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

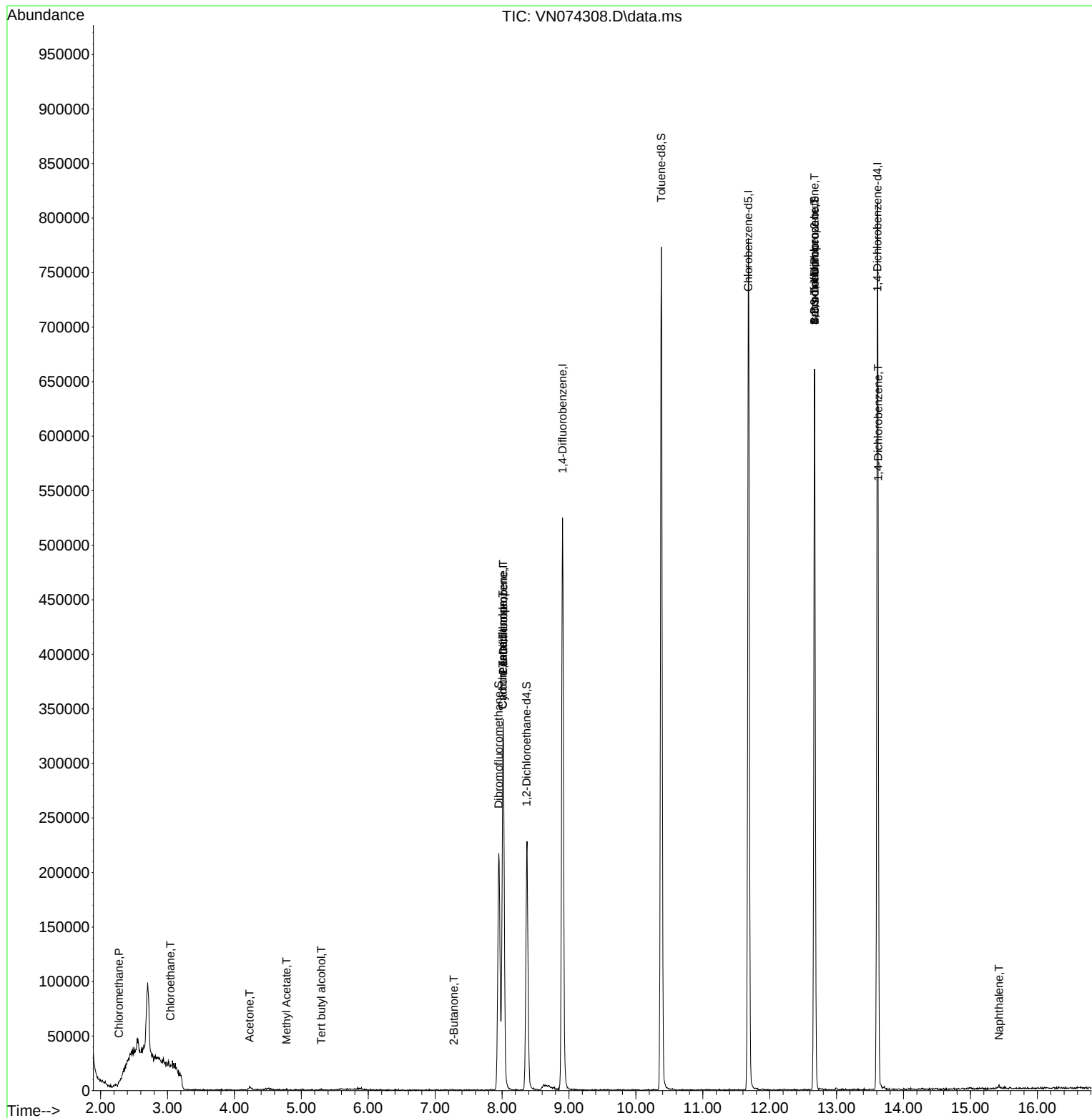
Internal Standards						
1) Pentafluorobenzene	8.016	168	242335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	442237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	428420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	196435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	175123	46.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.720%		
35) Dibromofluoromethane	7.951	113	149749	51.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.200%		
50) Toluene-d8	10.380	98	520215	45.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.040%		
62) 4-Bromofluorobenzene	12.668	95	186944	44.541	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.080%		
Target Compounds						Qvalue
3) Chloromethane	2.275	50	843	0.255	ug/l #	43
6) Chloroethane	3.046	64	2884	0.594	ug/l #	79
11) Tert butyl alcohol	5.298	59	834	1.217	ug/l #	72
16) Acetone	4.228	43	4601	2.914	ug/l	93
18) Methyl Acetate	4.781	43	1270	0.267	ug/l #	48
20) Methylene Chloride	5.028	84	351	Below Cal	#	59
25) 2-Butanone	7.281	43	713	0.267	ug/l #	45
31) Cyclohexane	8.010	56	7265	1.440	ug/l #	61
36) 1,1-Dichloropropene	8.016	75	21102	5.074	ug/l #	51
38) Carbon Tetrachloride	8.010	117	27861	6.631	ug/l #	16
71) Bromoform	12.668	173	1544	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	108810	19.558	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	108810	63.490	ug/l #	10
88) 1,4-Dichlorobenzene	13.621	146	320	0.211	ug/l #	1
95) Naphthalene	15.427	128	2114	0.910	ug/l #	73

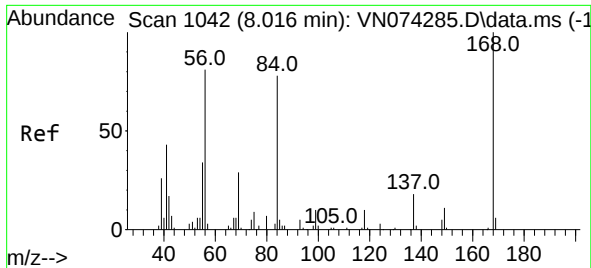
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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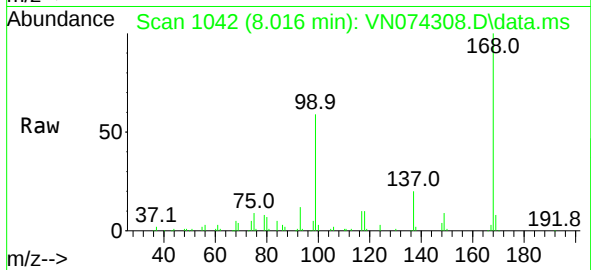
Quant Time: Sep 03 04:43:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 03 04:35:33 2022
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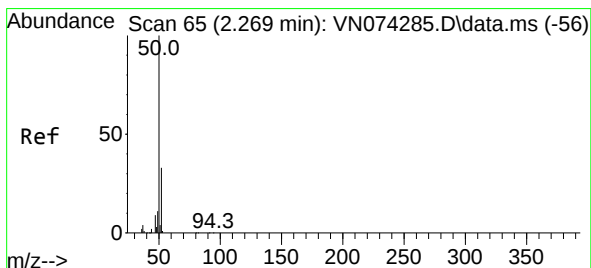
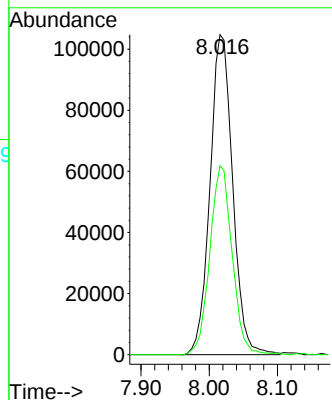
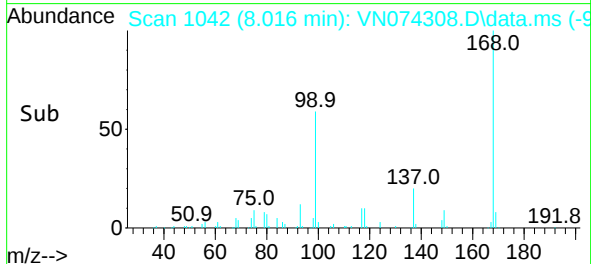


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

Instrument :
MSVOA_N
ClientSampleId :

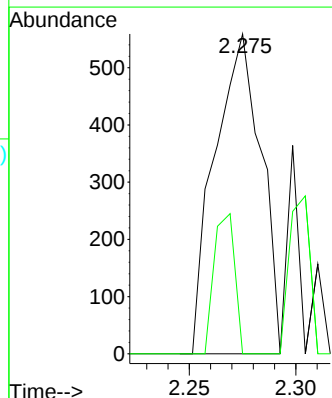
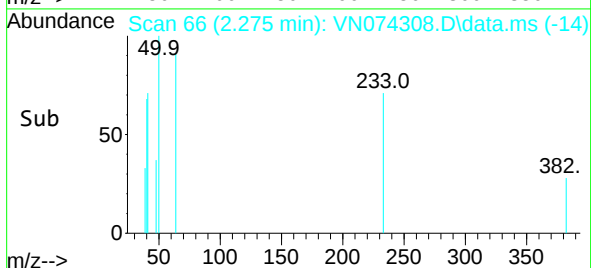
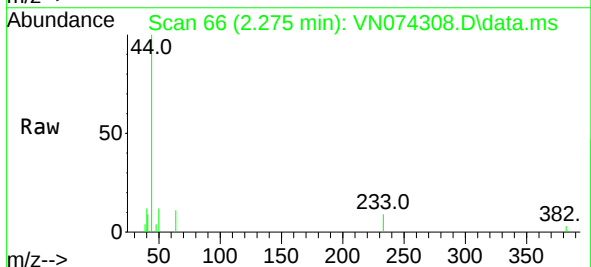


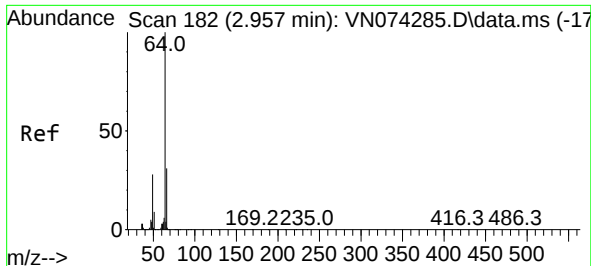
Tgt Ion:168 Resp: 242335
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#3
Chloromethane
Concen: 0.255 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.006 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

Tgt Ion: 50 Resp: 843
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

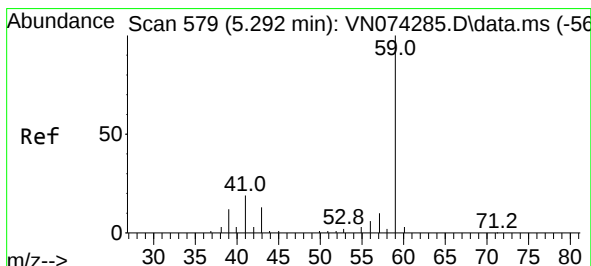
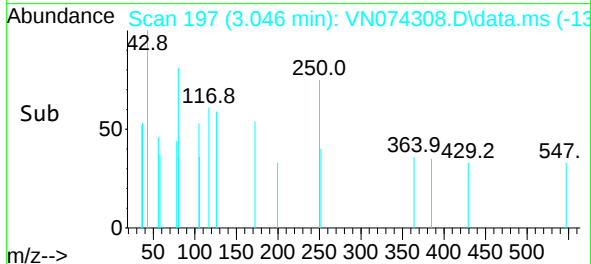
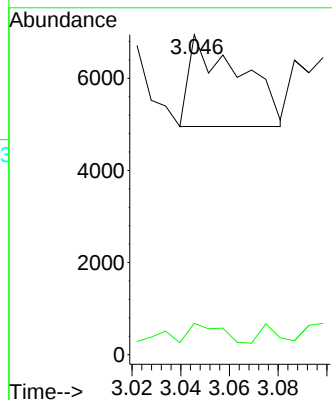
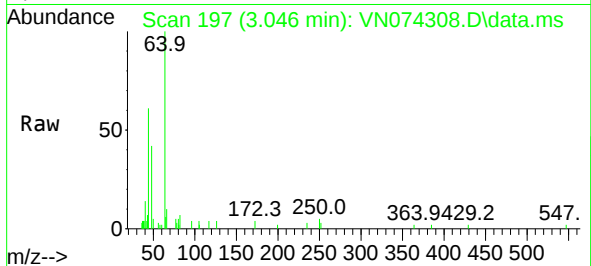




#6
Chloroethane
Concen: 0.594 ug/l
RT: 3.046 min Scan# 19
Delta R.T. 0.095 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

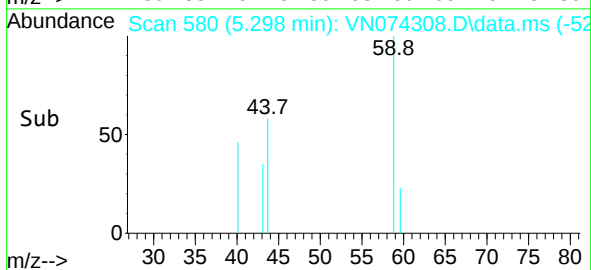
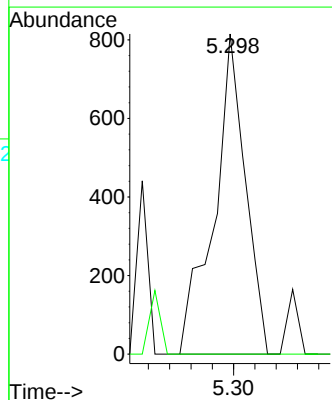
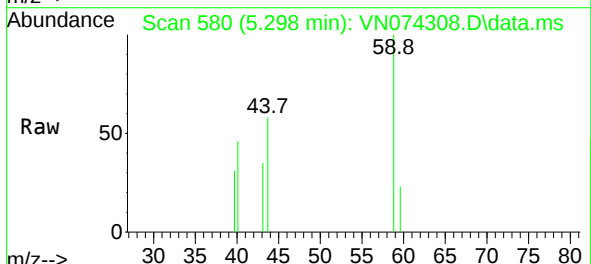
Instrument :
MSVOA_N
ClientSampleId :

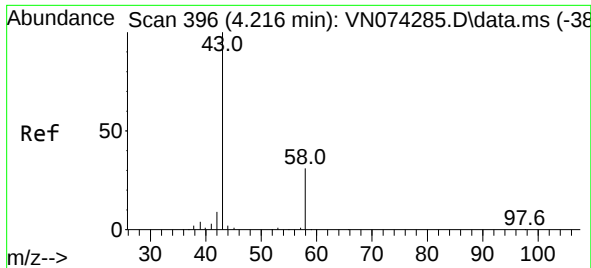
Tgt Ion: 64 Resp: 2884
Ion Ratio Lower Upper
64 100
66 21.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.217 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.011 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

Tgt Ion: 59 Resp: 834
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

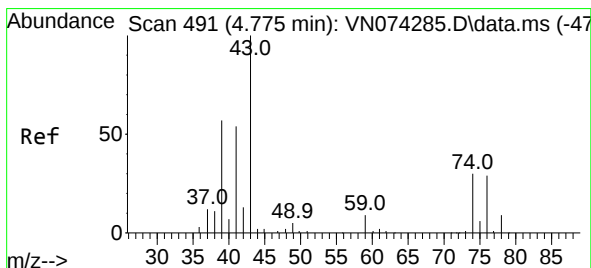
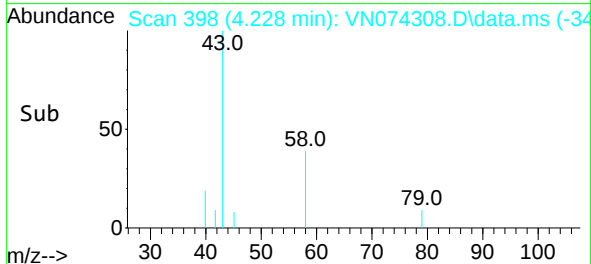
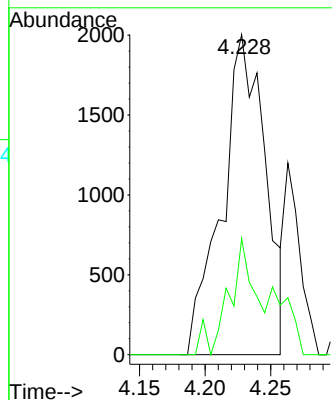
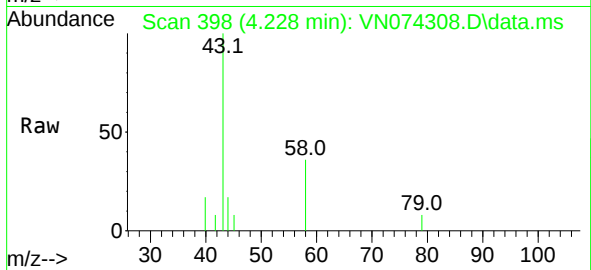




#16
Acetone
Concen: 2.914 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

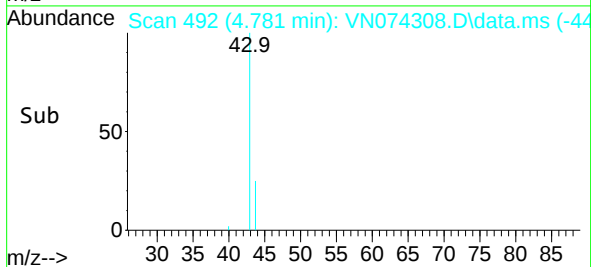
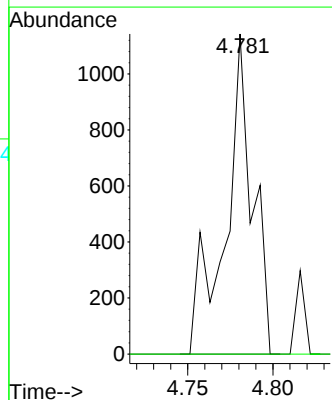
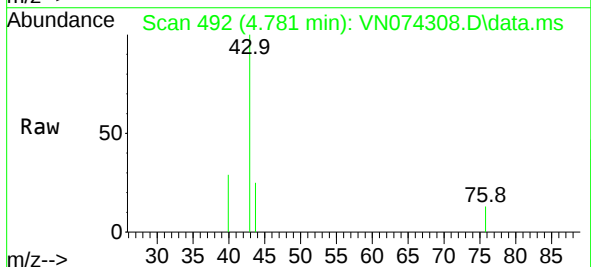
Instrument :
MSVOA_N
ClientSampleId :

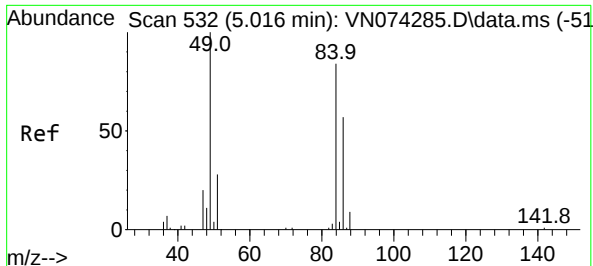
Tgt Ion: 43 Resp: 4601
Ion Ratio Lower Upper
43 100
58 36.2 26.0 39.0



#18
Methyl Acetate
Concen: 0.267 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

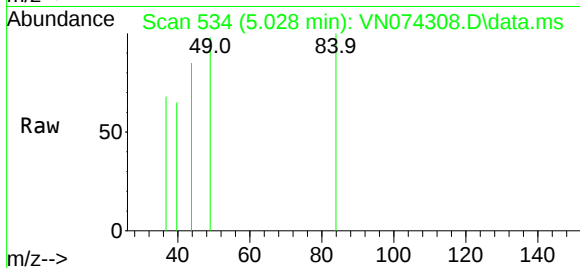
Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



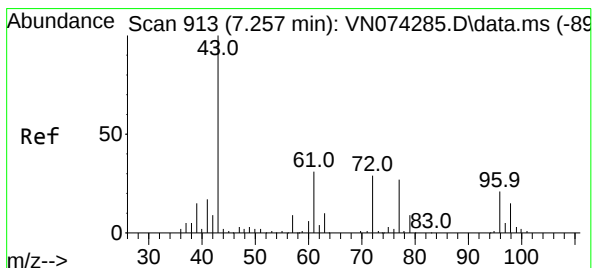
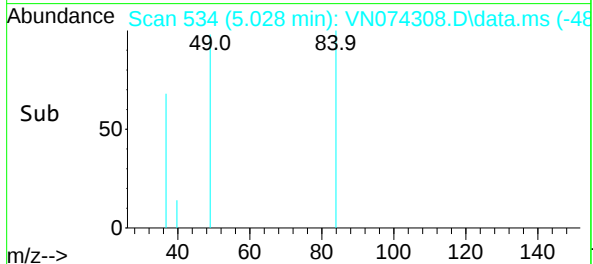
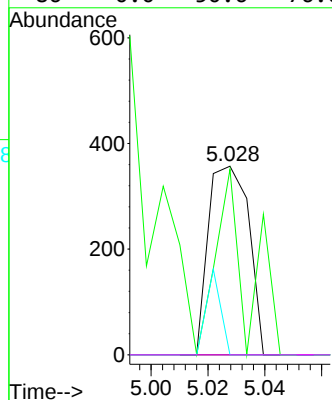


#20
Methylene Chloride
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

Instrument :
MSVOA_N
ClientSampleId :

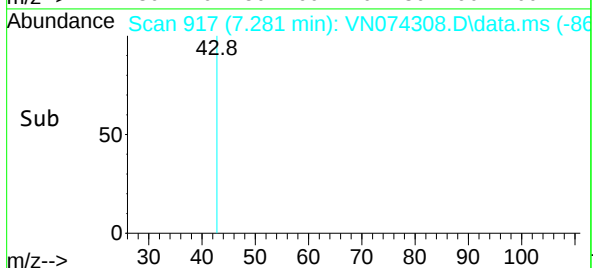
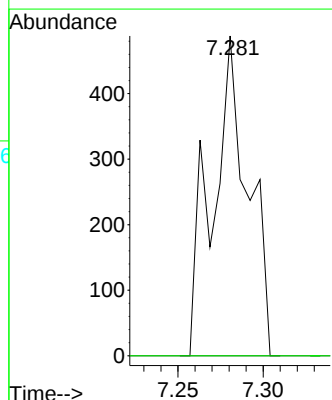
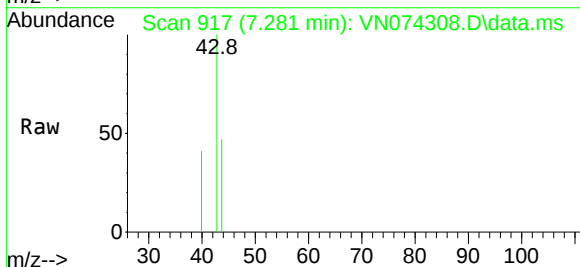


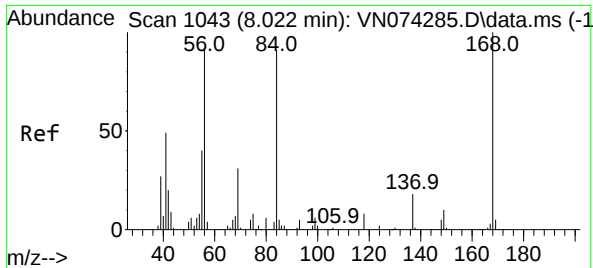
Tgt Ion: 84 Resp: 351
Ion Ratio Lower Upper
84 100
49 98.3 88.3 132.5
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#



#25
2-Butanone
Concen: 0.267 ug/l
RT: 7.281 min Scan# 917
Delta R.T. 0.024 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

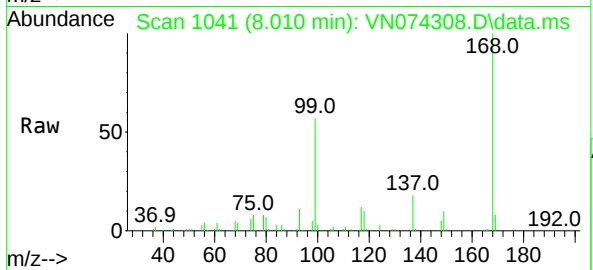
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



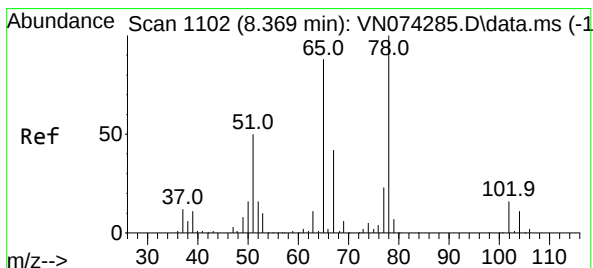
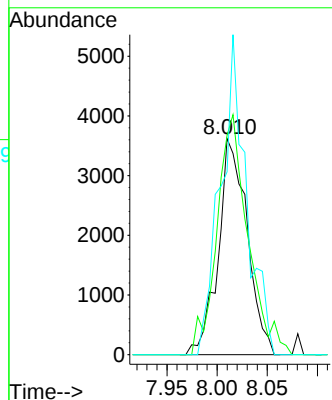
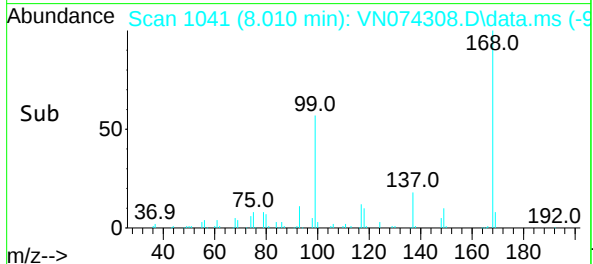


#31
Cyclohexane
Concen: 1.440 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

Instrument :
MSVOA_N
ClientSampleId :

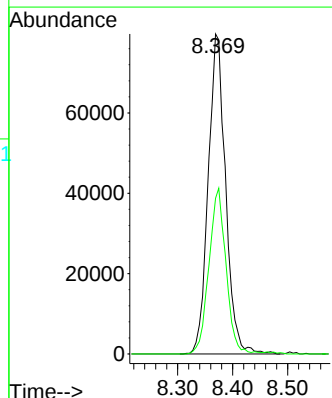
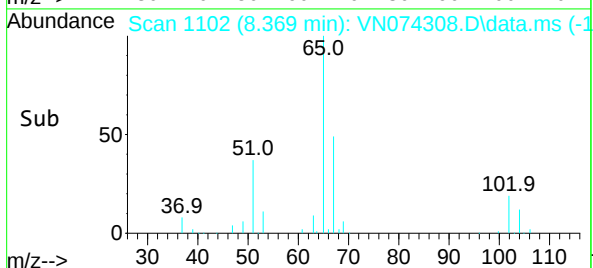
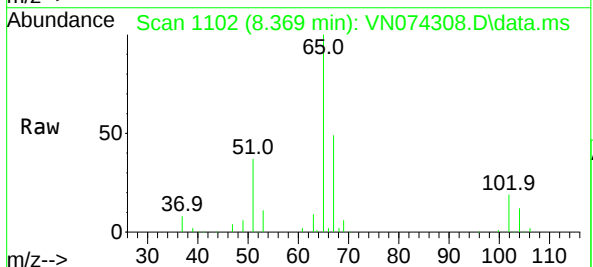


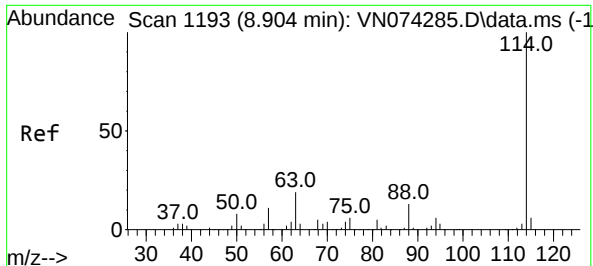
Tgt Ion: 56 Resp: 7265
Ion Ratio Lower Upper
56 100
69 101.5 27.8 41.8#
84 84.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.358 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

Tgt Ion: 65 Resp: 175123
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074308.D

Acq: 03 Sep 2022 00:38

Instrument :

MSVOA_N

ClientSampleId :

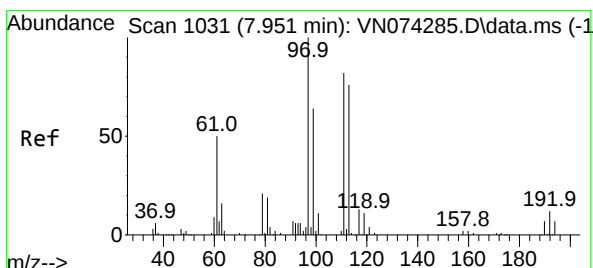
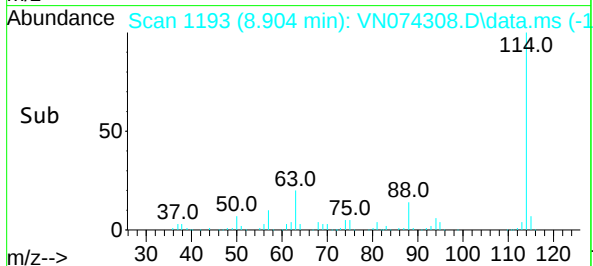
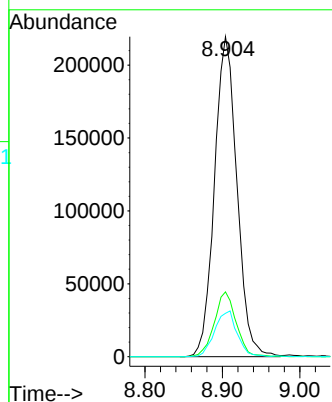
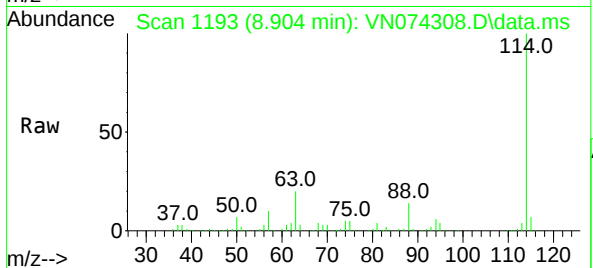
Tgt Ion:114 Resp: 442237

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 13.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.100 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074308.D

Acq: 03 Sep 2022 00:38

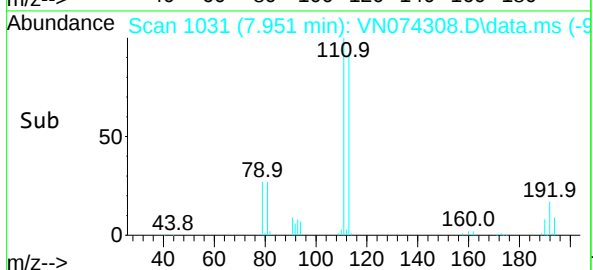
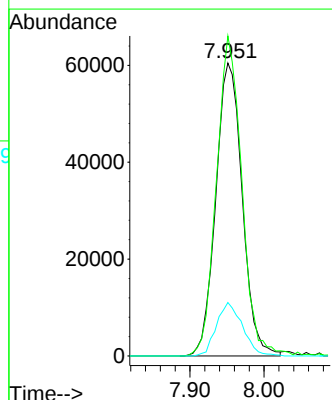
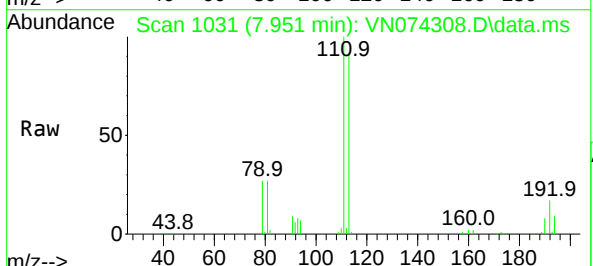
Tgt Ion:113 Resp: 149749

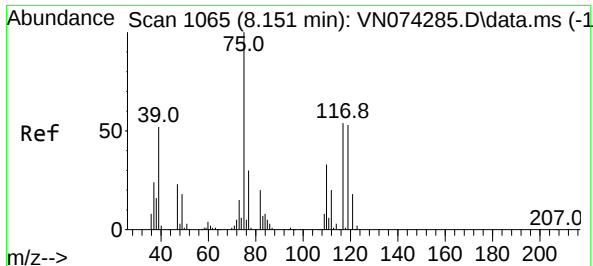
Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 18.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.074 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.141 min

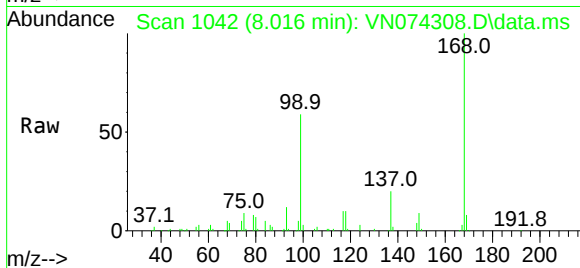
Lab File: VN074308.D

Acq: 03 Sep 2022 00:38

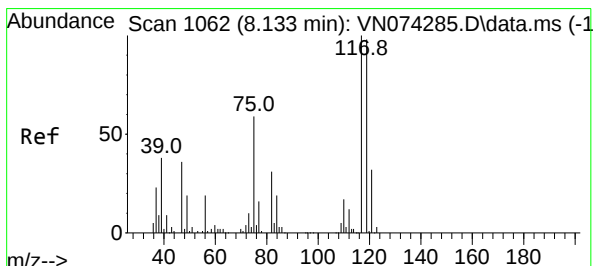
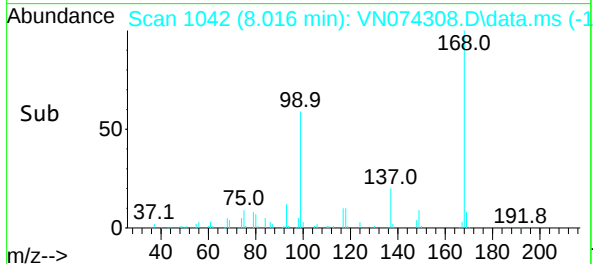
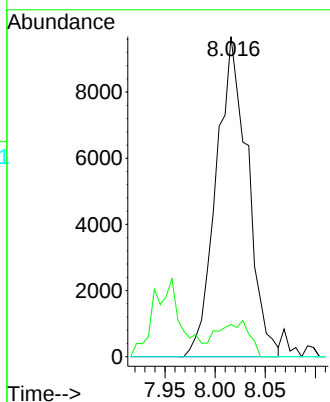
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 21102
Ion Ratio	Lower Upper
75	100
110	11.6 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.631 ug/l

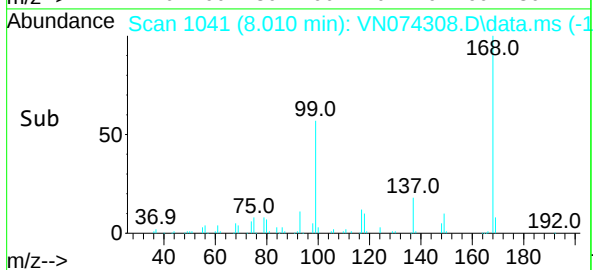
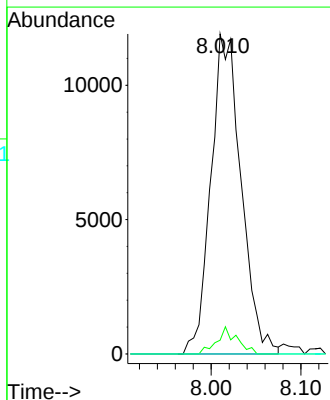
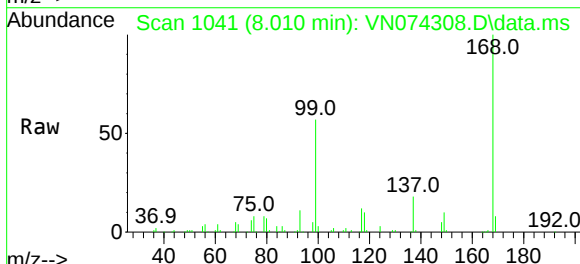
RT: 8.010 min Scan# 1041

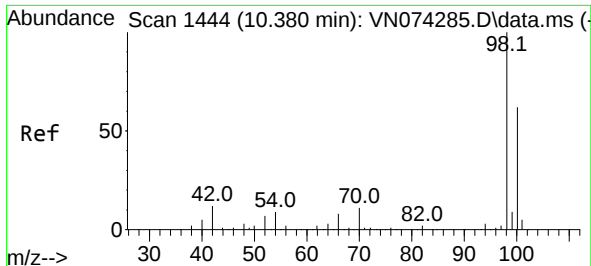
Delta R.T. -0.123 min

Lab File: VN074308.D

Acq: 03 Sep 2022 00:38

Tgt Ion: 117	Resp: 27861
Ion Ratio	Lower Upper
117	100
119	4.3 75.8 113.8#
121	0.0 24.6 37.0#

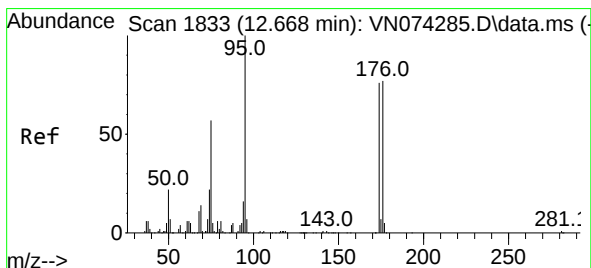
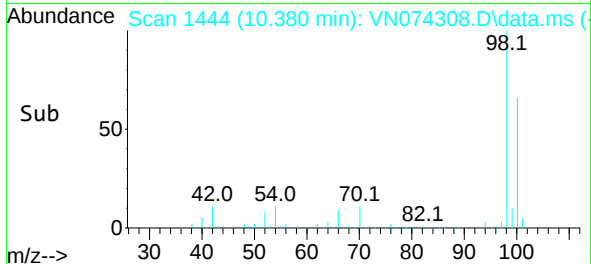
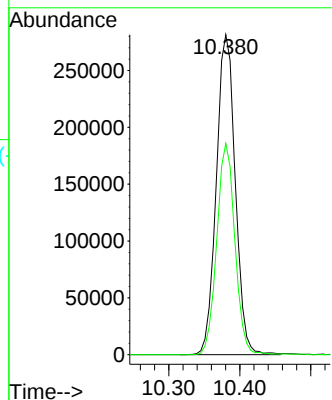
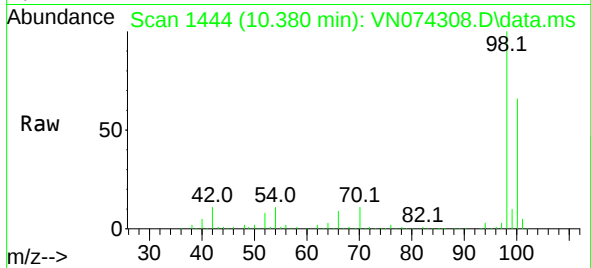




#50
Toluene-d8
Concen: 45.019 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

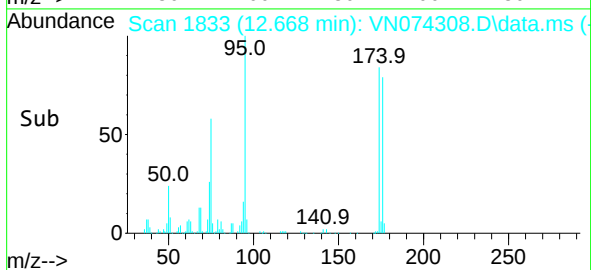
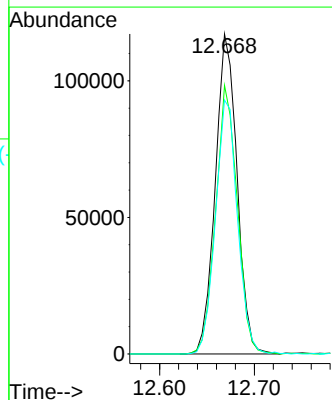
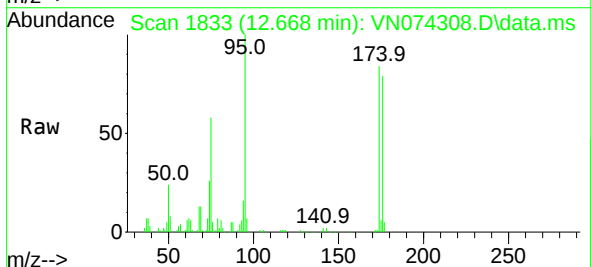
Instrument :
MSVOA_N
ClientSampleId :

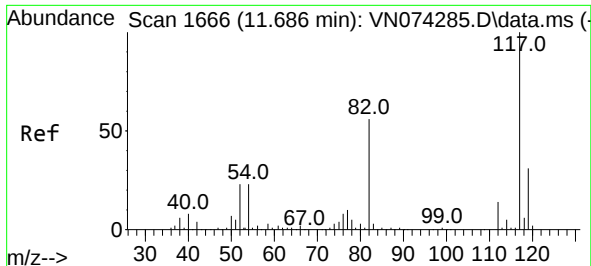
Tgt Ion: 98 Resp: 520215
Ion Ratio Lower Upper
98 100
100 63.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.541 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

Tgt Ion: 95 Resp: 186944
Ion Ratio Lower Upper
95 100
174 83.6 0.0 167.6
176 80.6 0.0 163.4

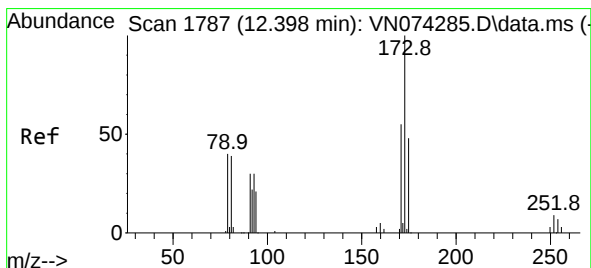
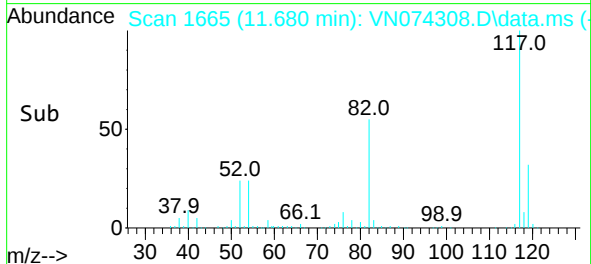
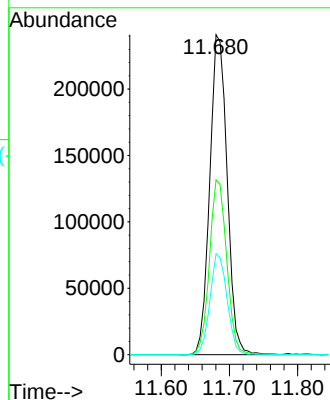
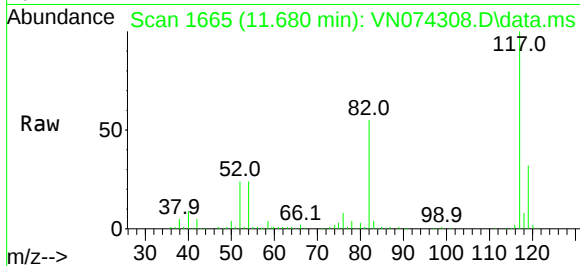




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

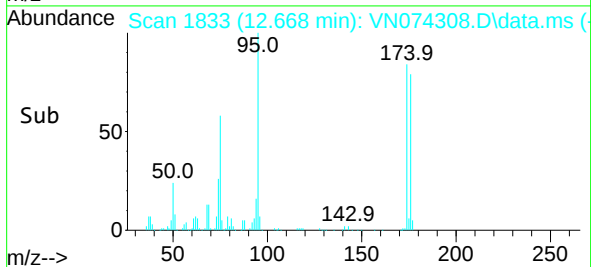
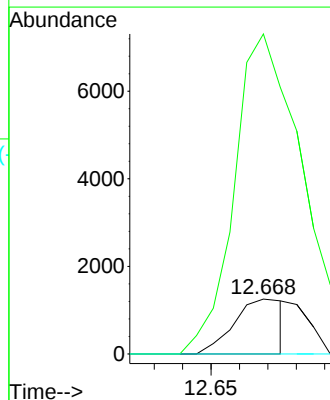
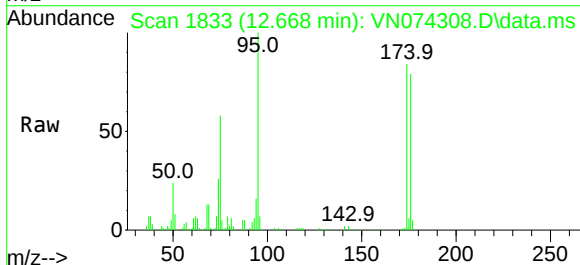
Instrument :
MSVOA_N
ClientSampleId :

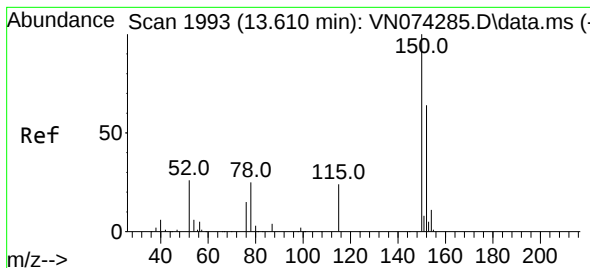
Tgt Ion:117 Resp: 428420
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.6 25.4 38.0



#71
Bromoform
Concen: 0.613 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

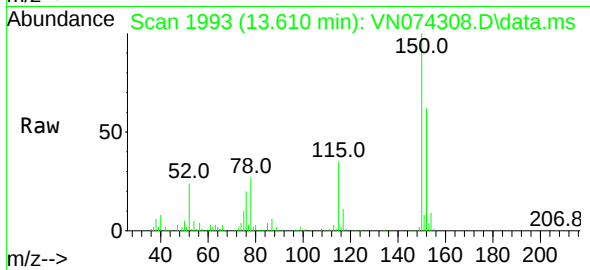
Tgt Ion:173 Resp: 1544
Ion Ratio Lower Upper
173 100
175 555.6 24.6 73.6#
254 0.0 0.1 0.1#



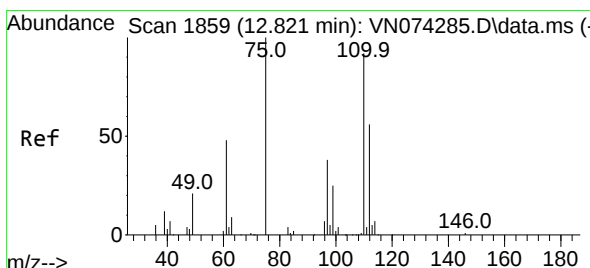
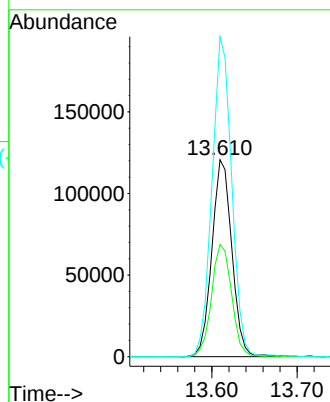
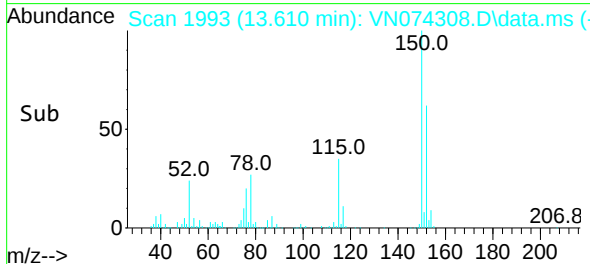


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074308.D
 Acq: 03 Sep 2022 00:38

Instrument :
 MSVOA_N
 ClientSampleId :

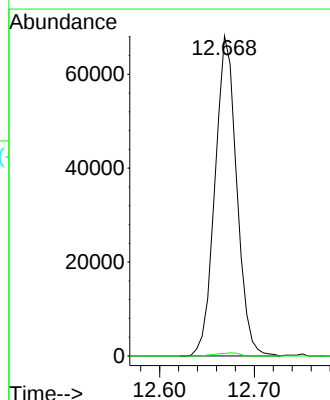
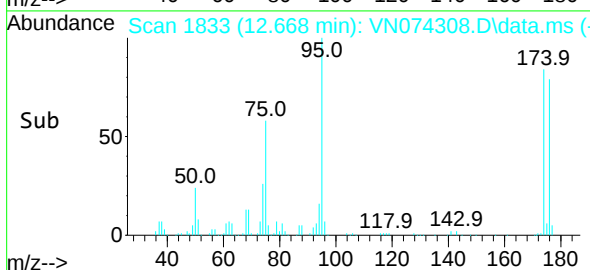
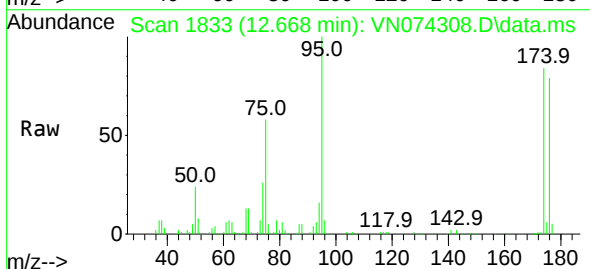


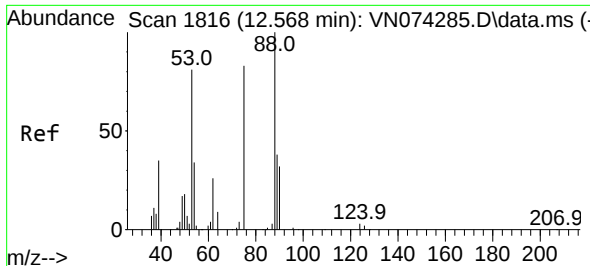
Tgt Ion:152 Resp: 196435
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.9 86.7
 150 159.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 19.558 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.153 min
 Lab File: VN074308.D
 Acq: 03 Sep 2022 00:38

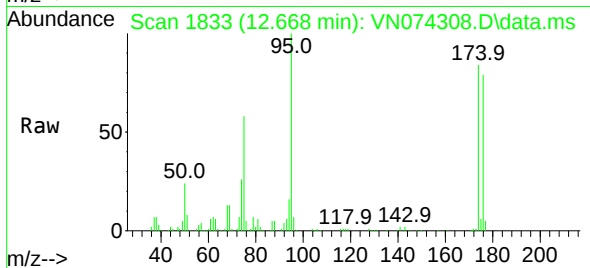
Tgt Ion: 75 Resp: 108810
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#



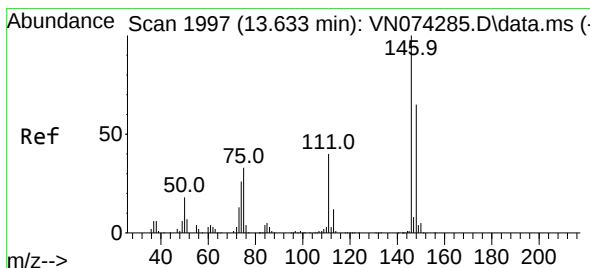
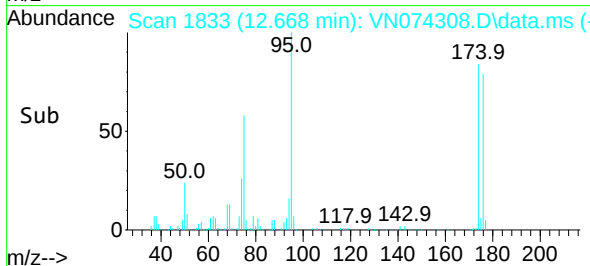
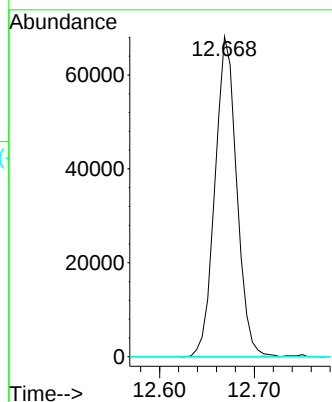


#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.490 ug/l
 RT: 12.668 min Scan# 1816
 Delta R.T. 0.105 min
 Lab File: VN074308.D
 Acq: 03 Sep 2022 00:38

Instrument :
 MSVOA_N
 ClientSampleId :

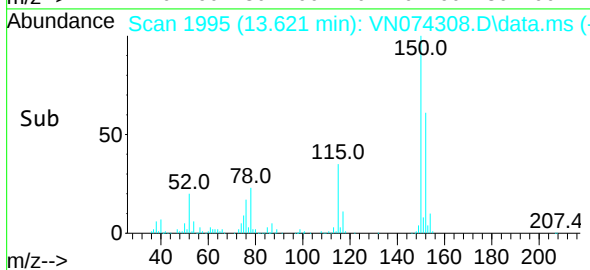
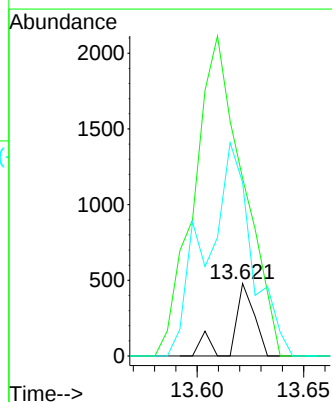
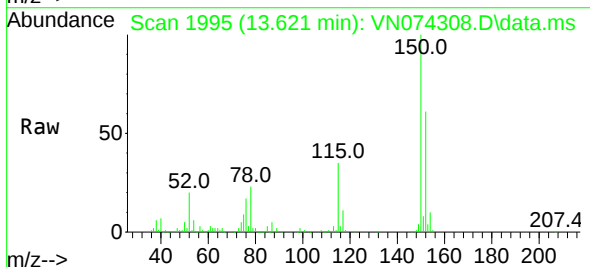


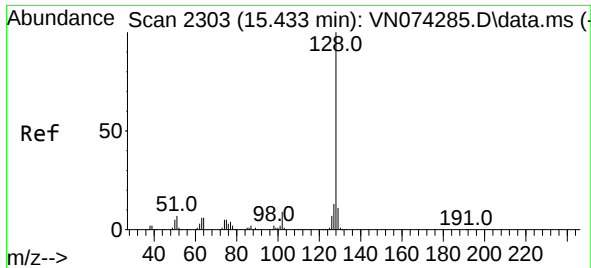
Tgt Ion: 75 Resp: 108810
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#88
 1,4-Dichlorobenzene
 Concen: 0.211 ug/l
 RT: 13.621 min Scan# 1995
 Delta R.T. -0.012 min
 Lab File: VN074308.D
 Acq: 03 Sep 2022 00:38

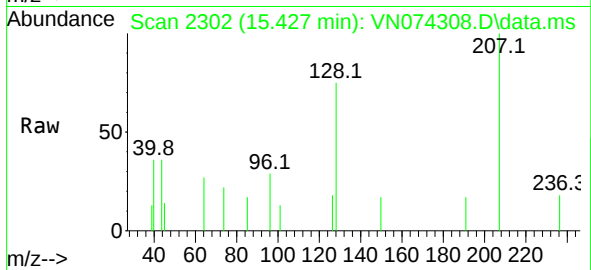
Tgt Ion: 146 Resp: 320
 Ion Ratio Lower Upper
 146 100
 111 1060.3 19.1 57.1#
 148 662.5 31.4 94.3#





#95
Naphthalene
Concen: 0.910 ug/l
RT: 15.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074308.D
Acq: 03 Sep 2022 00:38

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	2114
Ion	Ratio	Lower	Upper
128	100		
127	3.0	10.3	15.5#
129	0.0	8.6	13.0#

