

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074258.D
 Acq On : 01 Sep 2022 22:26
 Operator : JC\MD
 Sample : VN0901WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 05:42:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

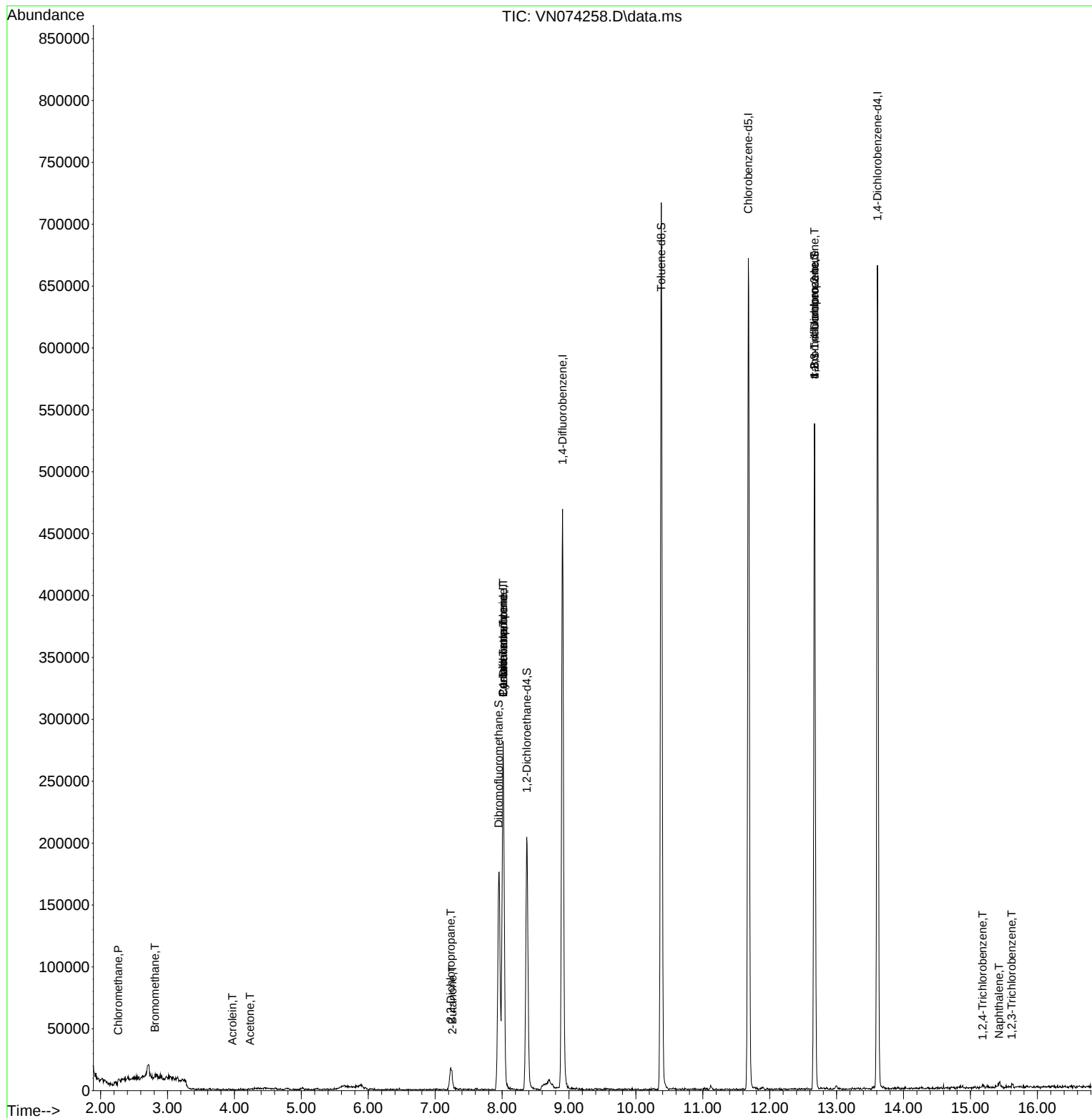
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	204213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	386770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	359307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	160262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	152580	48.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.340%
35) Dibromofluoromethane	7.951	113	125914	50.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.060%
50) Toluene-d8	10.380	98	452108	45.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.668	95	165214	54.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1297	0.436	ug/l #	76
5) Bromomethane	2.810	94	636	0.393	ug/l #	40
6) Chloroethane	2.957	64	771	Below Cal	#	42
11) Tert butyl alcohol	5.251	59	358	Below Cal	#	72
13) Acrolein	3.969	56	299	0.427	ug/l #	16
16) Acetone	4.234	43	576	0.272	ug/l #	42
18) Methyl Acetate	4.781	43	1263	Below Cal	#	77
20) Methylene Chloride	4.998	84	178	Below Cal	#	35
25) 2-Butanone	7.257	43	810	0.239	ug/l #	45
26) 2,2-Dichloropropane	7.234	77	827	0.506	ug/l #	53
31) Cyclohexane	8.016	56	5991	1.145	ug/l #	55
36) 1,1-Dichloropropene	8.016	75	19087	4.674	ug/l #	50
38) Carbon Tetrachloride	8.016	117	20727	5.591	ug/l #	16
76) 1,2,3-Trichloropropane	12.668	75	97553	24.450	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	97553	63.183	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.180	180	748	0.253	ug/l	91
95) Naphthalene	15.427	128	3930	1.467	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.615	180	1104	0.361	ug/l #	60

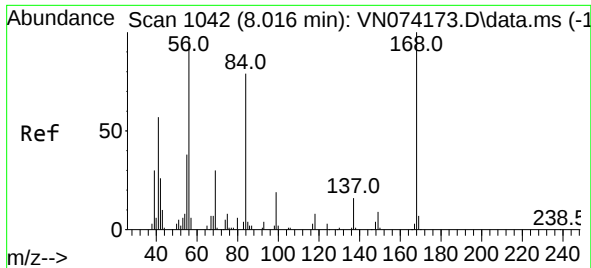
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 02 05:42:30 2022
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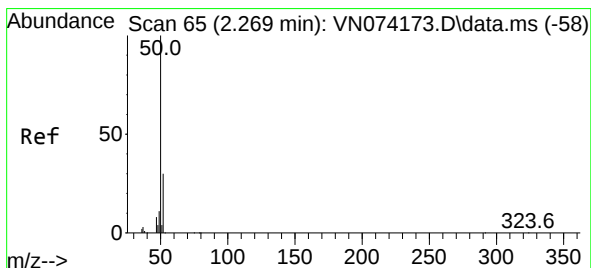
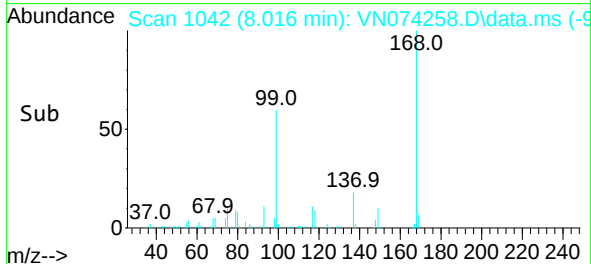
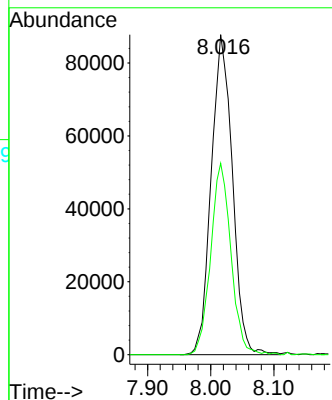
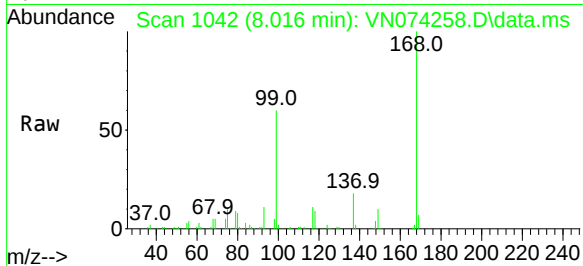




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

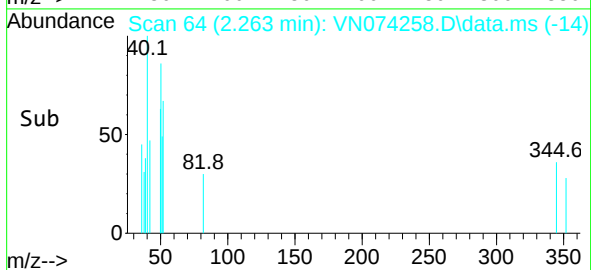
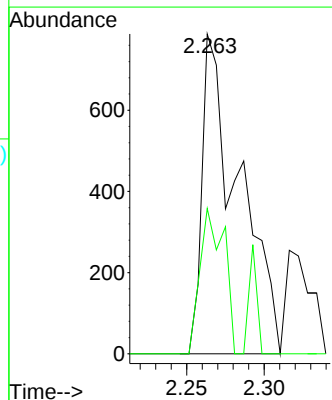
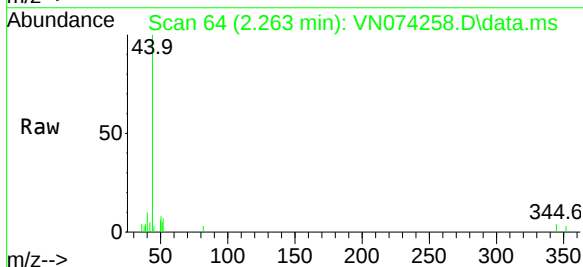
Instrument :
MSVOA_N
ClientSampleId :

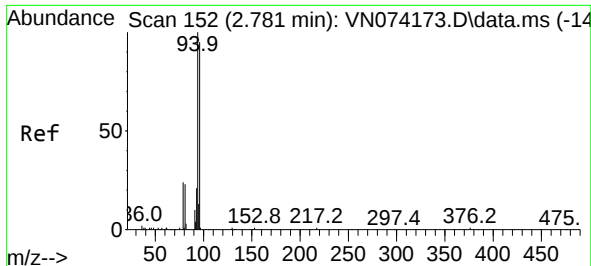
Tgt Ion:168 Resp: 204213
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#3
Chloromethane
Concen: 0.436 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion: 50 Resp: 1297
Ion Ratio Lower Upper
50 100
52 45.4 25.7 38.5#

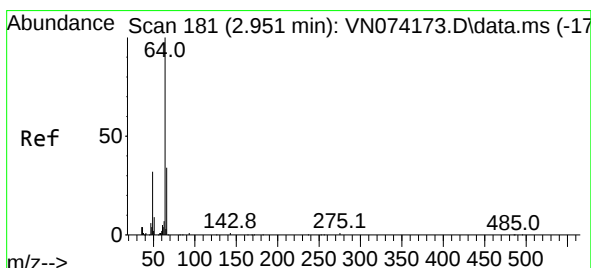
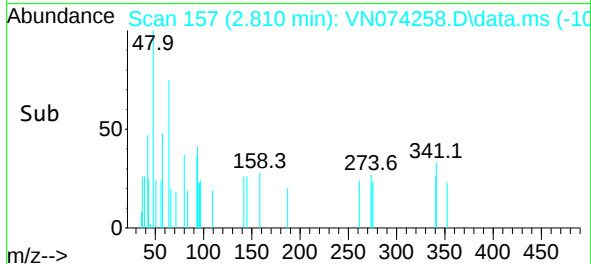
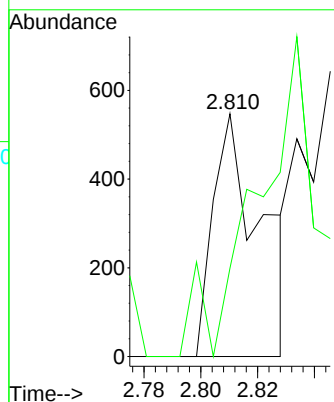
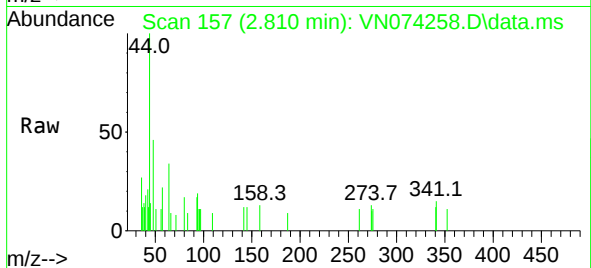




#5
Bromomethane
Concen: 0.393 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

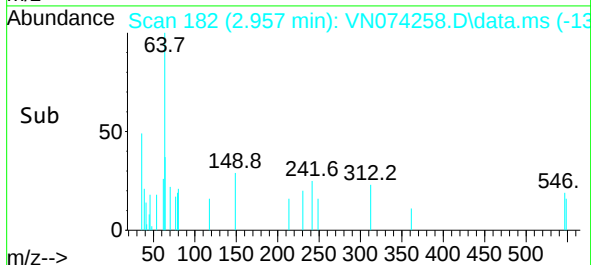
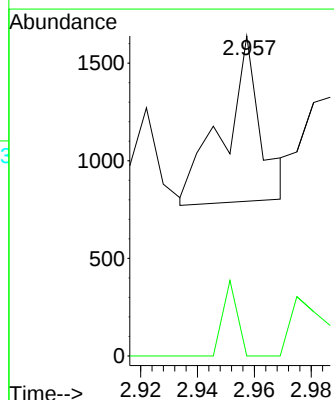
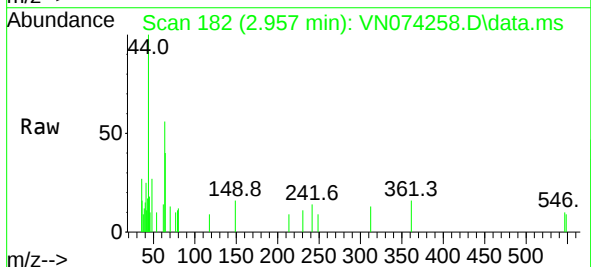
Instrument :
MSVOA_N
ClientSampleId :

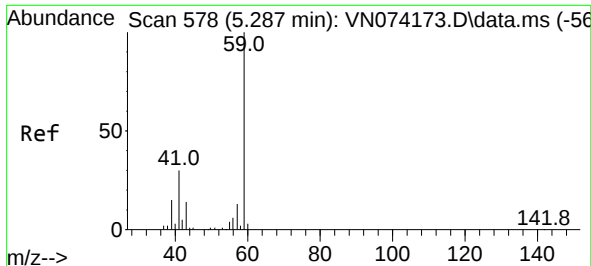
Tgt Ion: 94 Resp: 636
Ion Ratio Lower Upper
94 100
96 36.4 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion: 64 Resp: 771
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.251 min Scan# 51

Delta R.T. -0.036 min

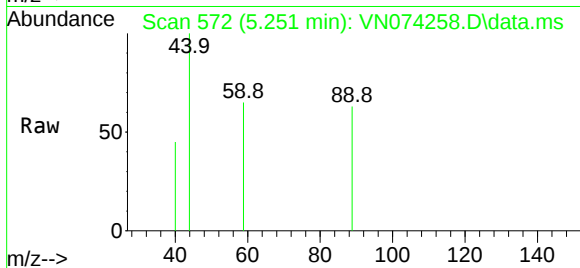
Lab File: VN074258.D

Acq: 01 Sep 2022 22:26

Instrument :

MSVOA_N

ClientSampleId :

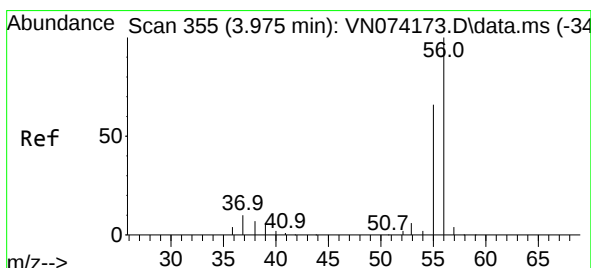
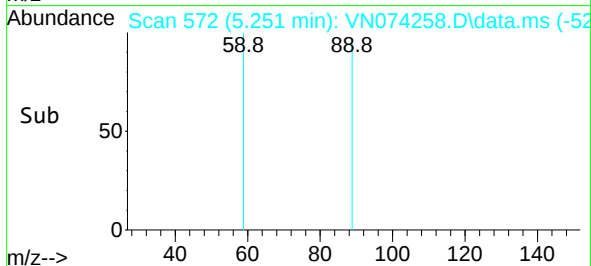
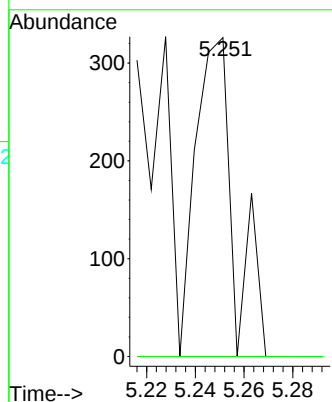


Tgt Ion: 59 Resp: 358

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.427 ug/l

RT: 3.969 min Scan# 354

Delta R.T. -0.006 min

Lab File: VN074258.D

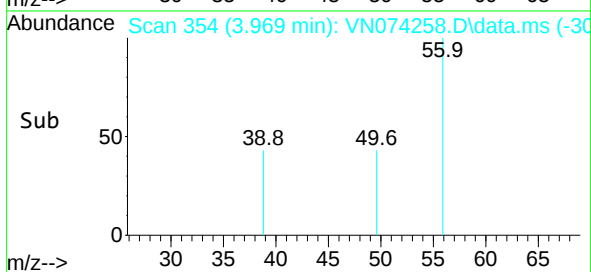
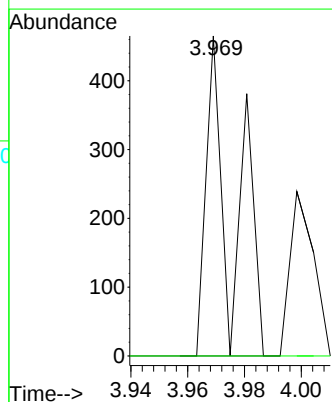
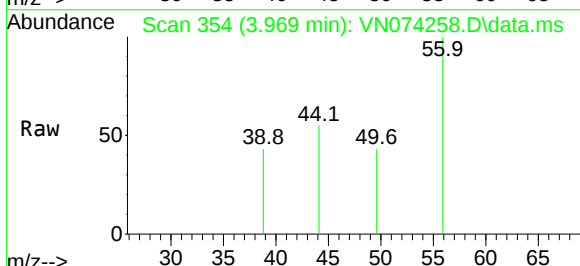
Acq: 01 Sep 2022 22:26

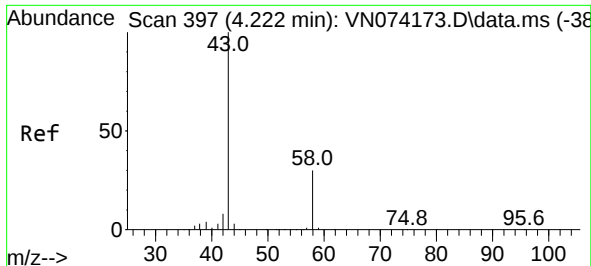
Tgt Ion: 56 Resp: 299

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#

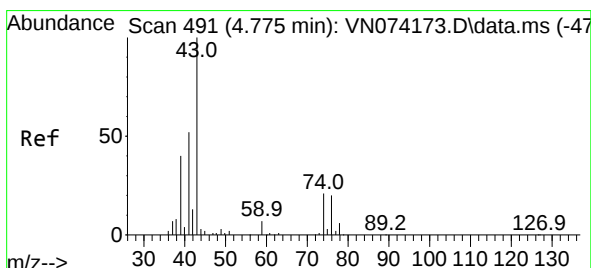
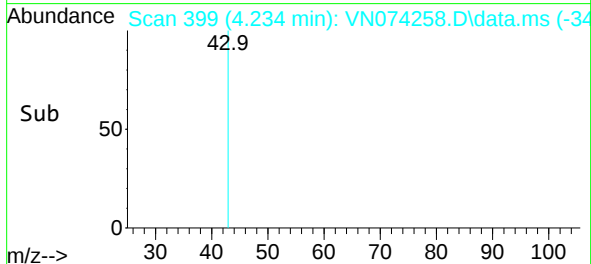
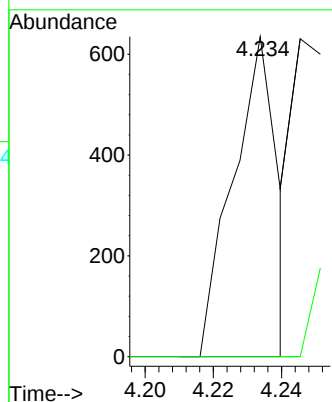
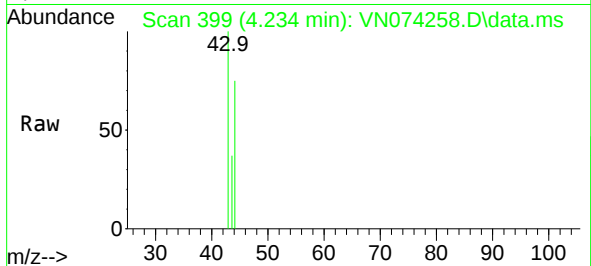




#16
Acetone
Concen: 0.272 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

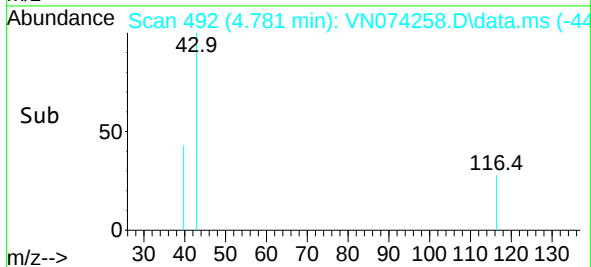
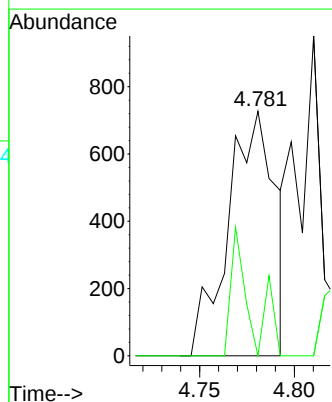
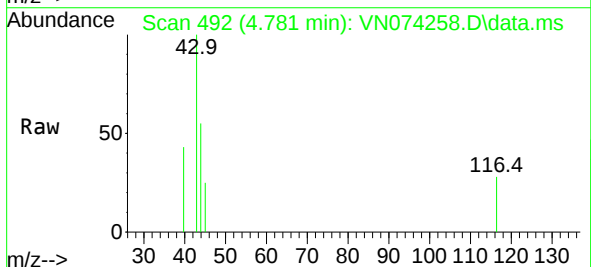
Instrument :
MSVOA_N
ClientSampleId :

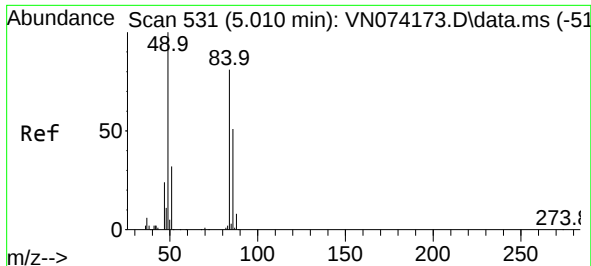
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

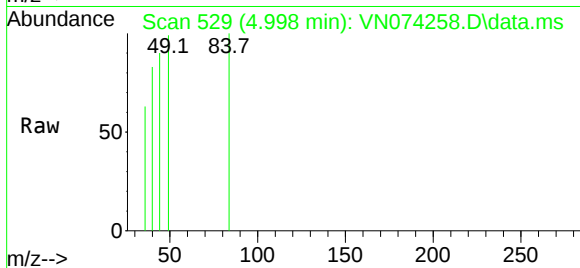
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
74 15.0 21.6 32.4#



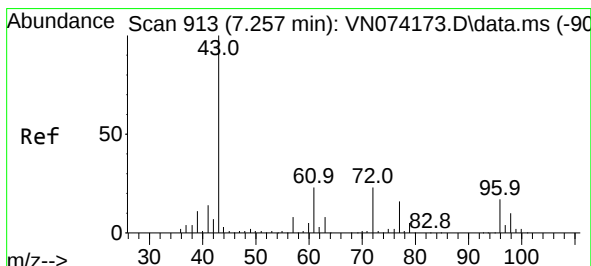
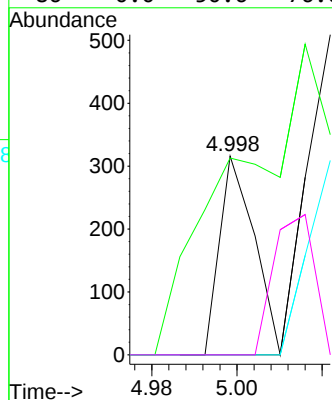
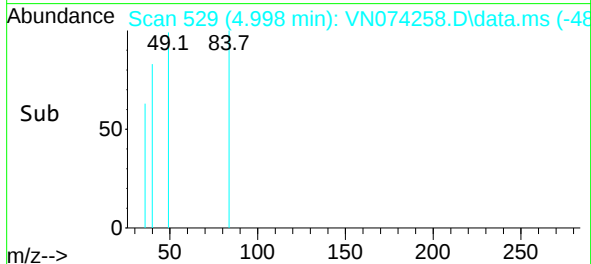


#20
Methylene Chloride
Concen: Below Cal
RT: 4.998 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Instrument :
MSVOA_N
ClientSampleId :

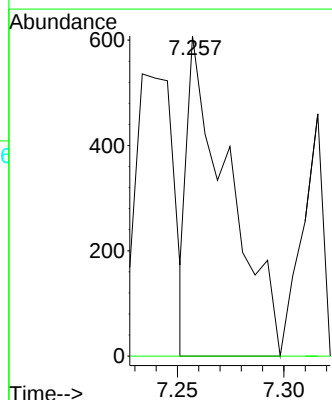
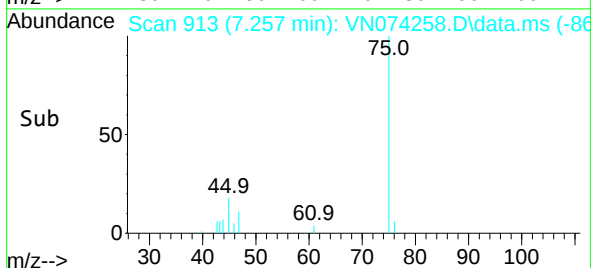
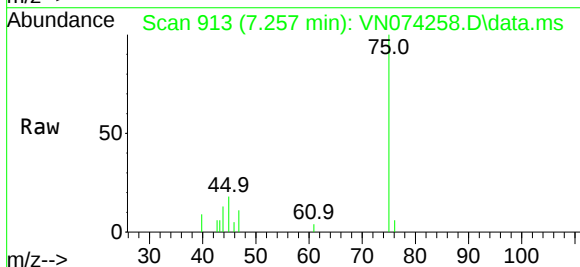


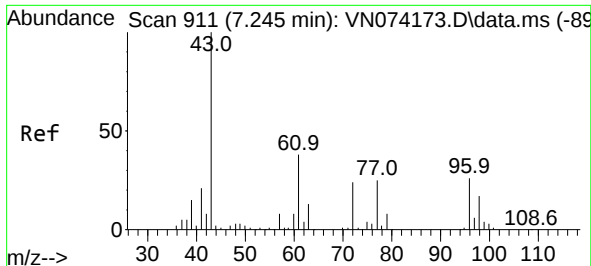
Tgt Ion: 84 Resp: 178
Ion Ratio Lower Upper
84 100
49 49.7 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#



#25
2-Butanone
Concen: 0.239 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

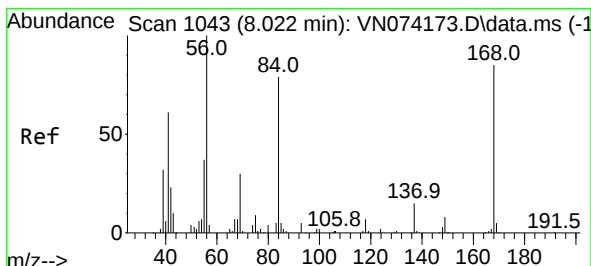
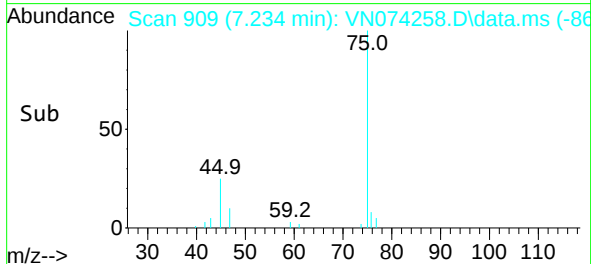
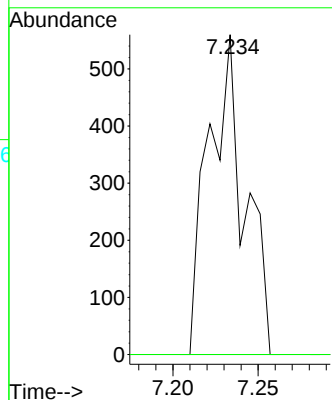
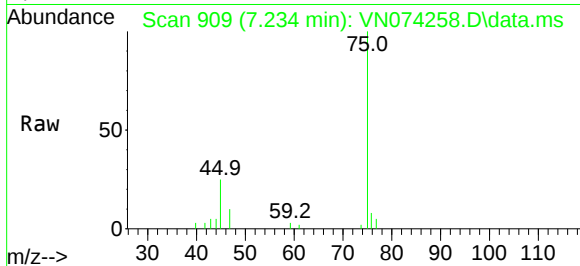




#26
2,2-Dichloropropane
Concen: 0.506 ug/l
RT: 7.234 min Scan# 90
Delta R.T. -0.011 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

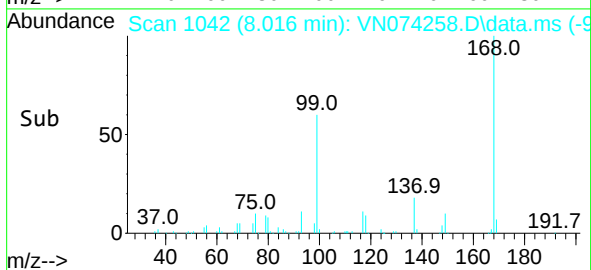
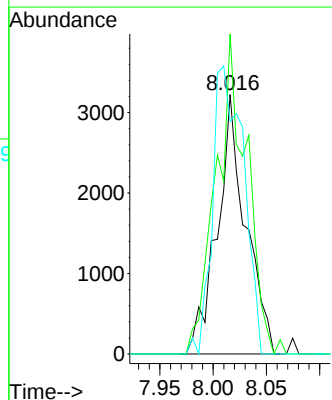
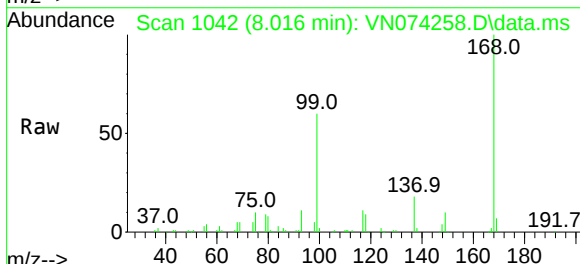
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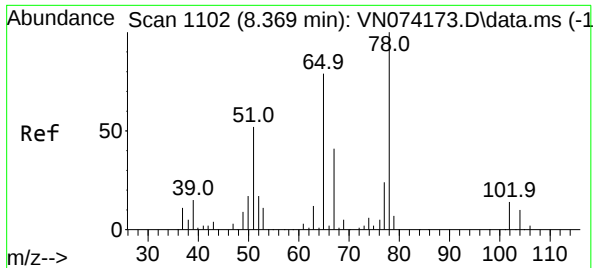
Tgt Ion: 77 Resp: 827
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion: 56 Resp: 5991
Ion Ratio Lower Upper
56 100
69 123.4 27.8 41.8#
84 89.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 48.165 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074258.D

Acq: 01 Sep 2022 22:26

Instrument :

MSVOA_N

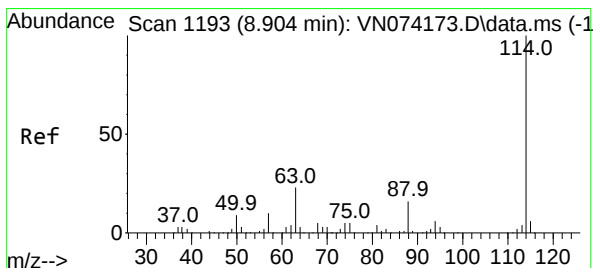
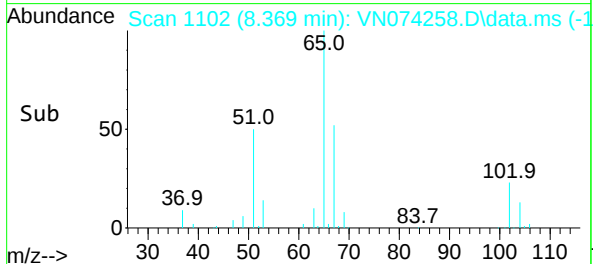
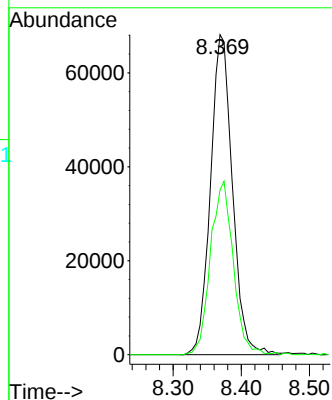
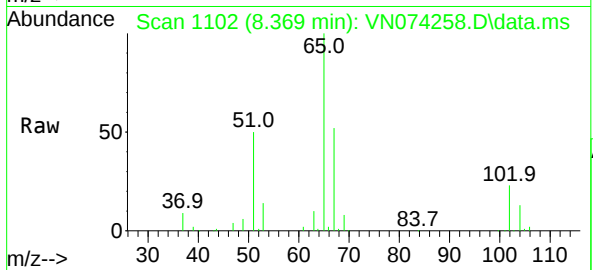
ClientSampleId :

Tgt Ion: 65 Resp: 152580

Ion Ratio Lower Upper

65 100

67 56.1 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: VN074258.D

Acq: 01 Sep 2022 22:26

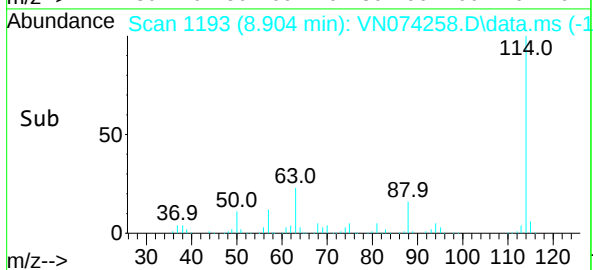
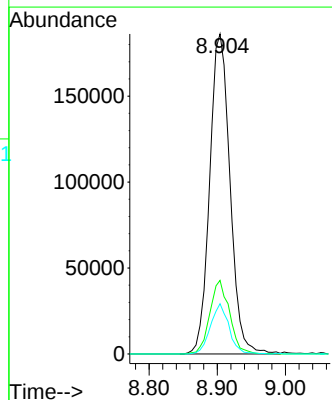
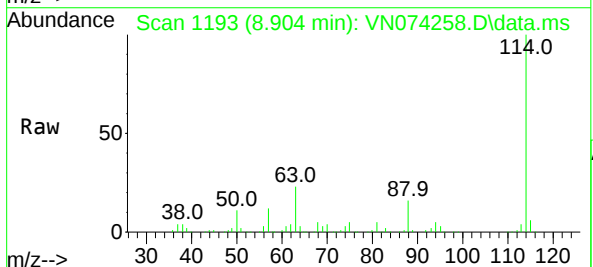
Tgt Ion: 114 Resp: 386770

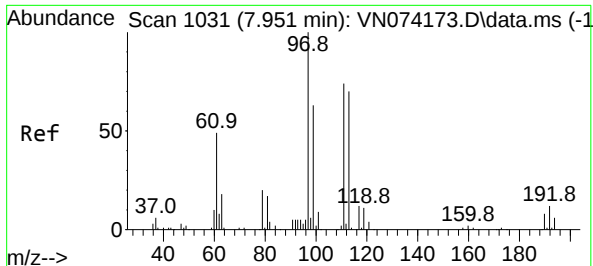
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.030 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. -0.000 min

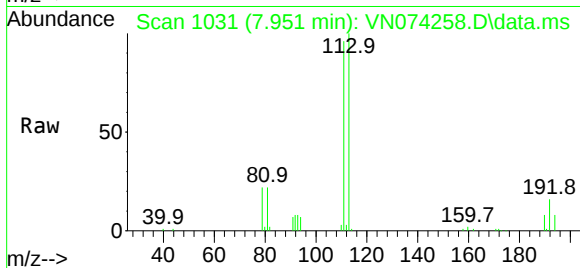
Lab File: VN074258.D

Acq: 01 Sep 2022 22:26

Instrument :

MSVOA_N

ClientSampleId :



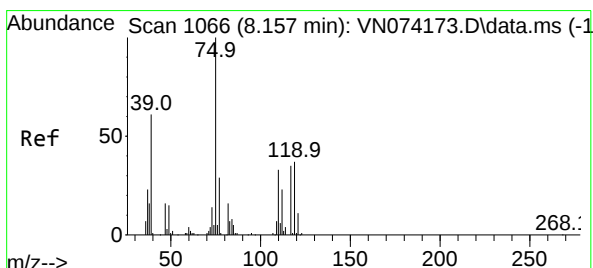
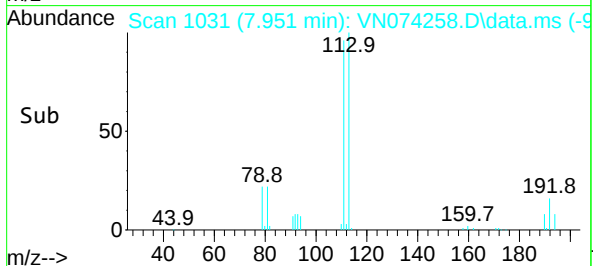
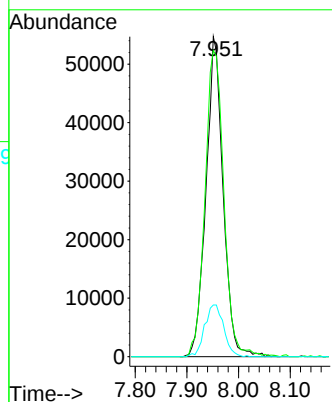
Tgt Ion:113 Resp: 125914

Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 18.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.674 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.141 min

Lab File: VN074258.D

Acq: 01 Sep 2022 22:26

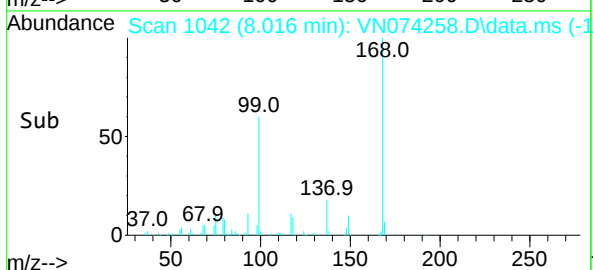
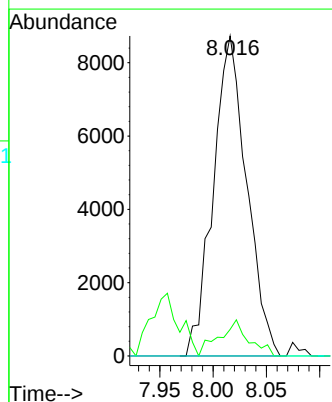
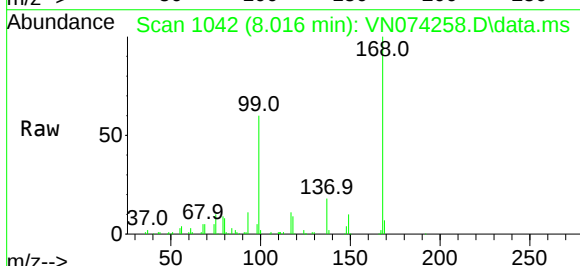
Tgt Ion: 75 Resp: 19087

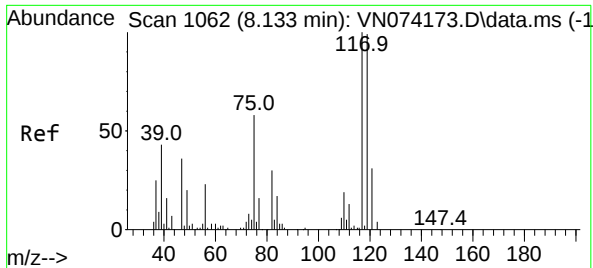
Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

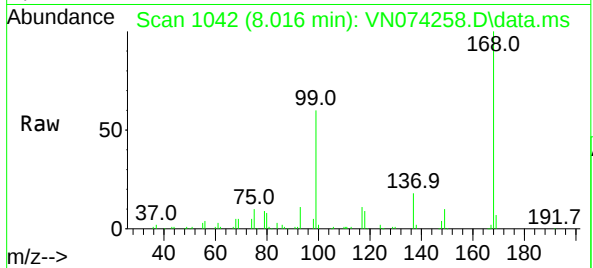
77 0.0 25.1 37.7#



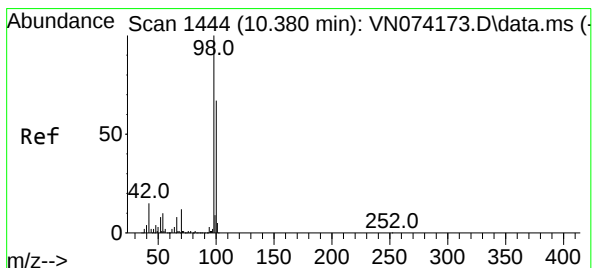
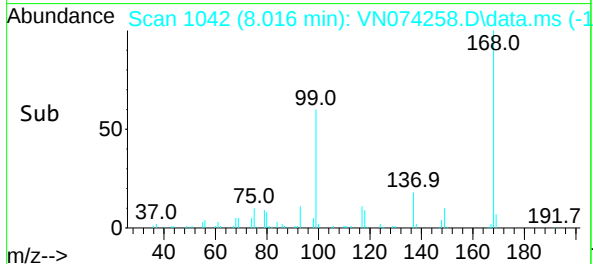
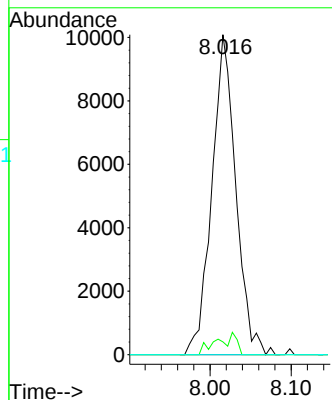


#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.117 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Instrument :
MSVOA_N
ClientSampleId :

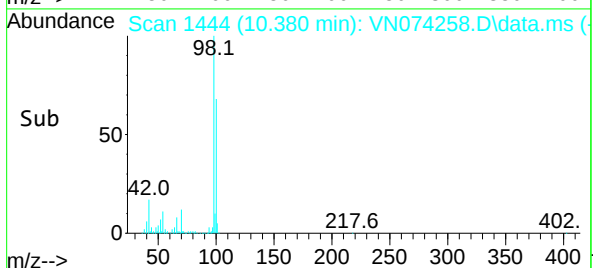
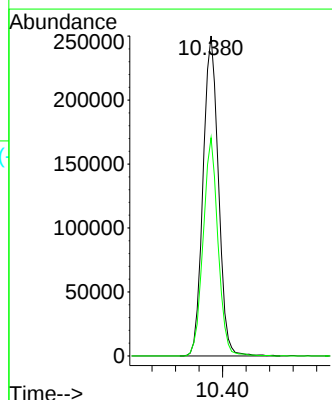
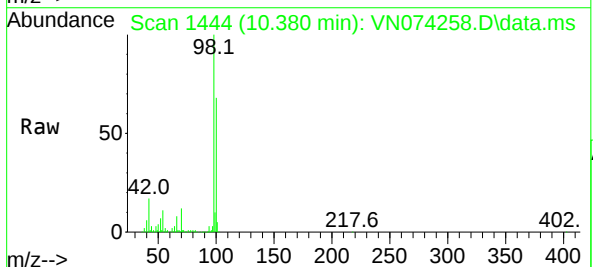


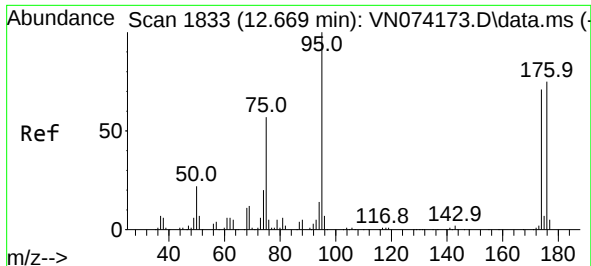
Tgt Ion:117 Resp: 20727
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.615 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion: 98 Resp: 452108
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

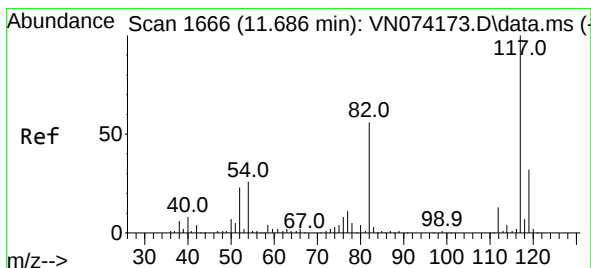
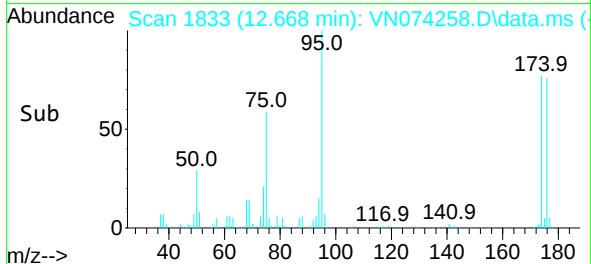
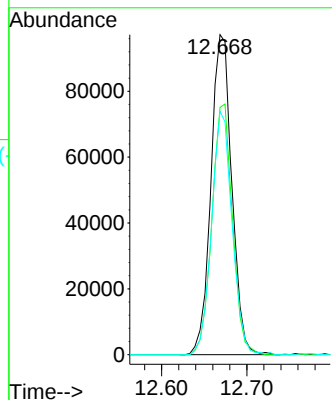
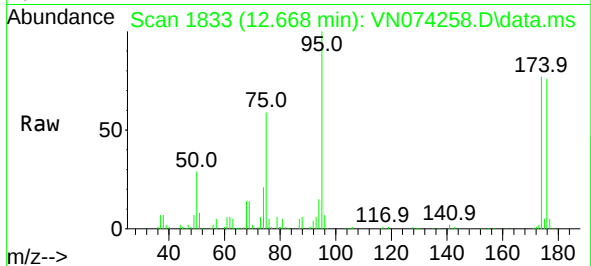




#62
4-Bromofluorobenzene
Concen: 54.813 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

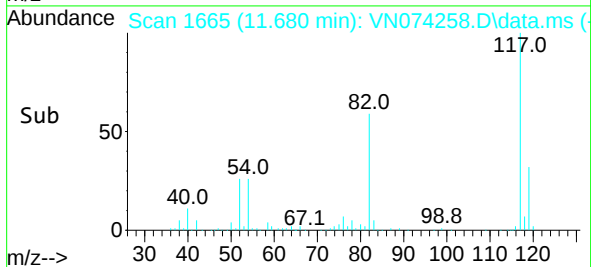
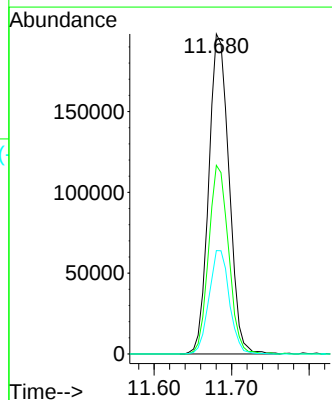
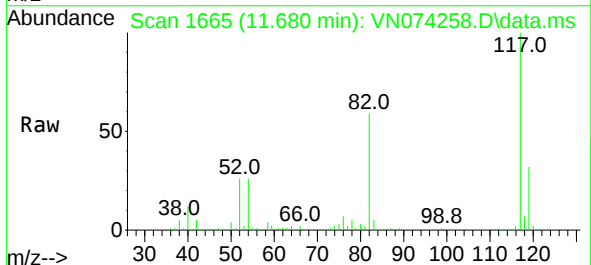
Instrument :
MSVOA_N
ClientSampleId :

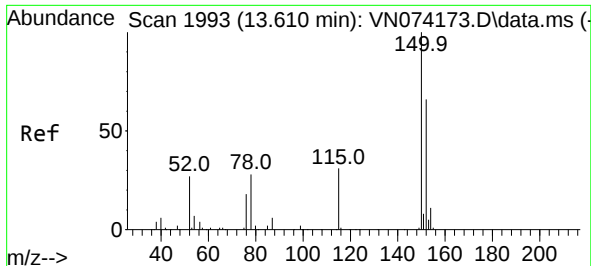
Tgt Ion: 95 Resp: 165214
Ion Ratio Lower Upper
95 100
174 77.0 0.0 167.6
176 74.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

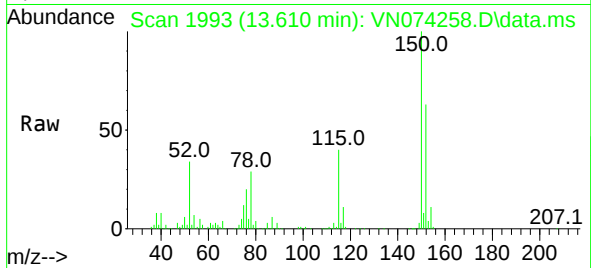
Tgt Ion: 117 Resp: 359307
Ion Ratio Lower Upper
117 100
82 58.9 44.2 66.2
119 32.3 25.4 38.0



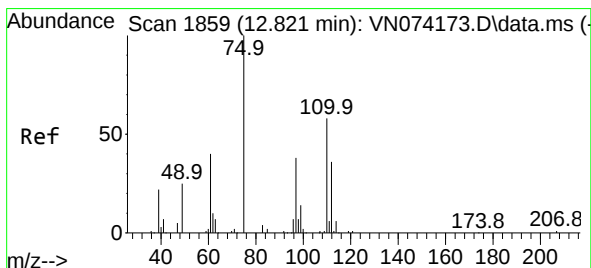
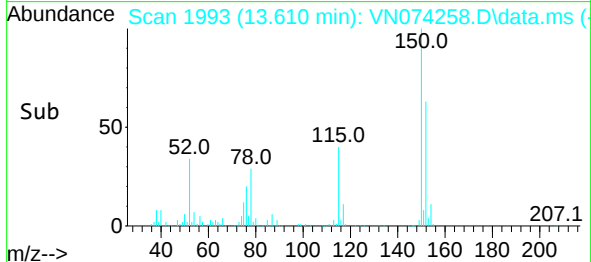
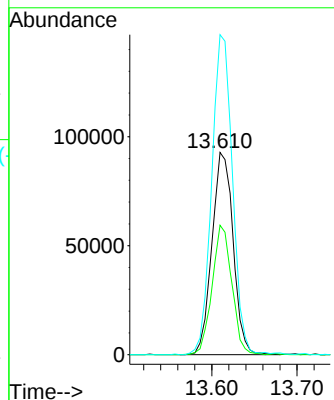


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074258.D
 Acq: 01 Sep 2022 22:26

Instrument :
 MSVOA_N
 ClientSampleId :

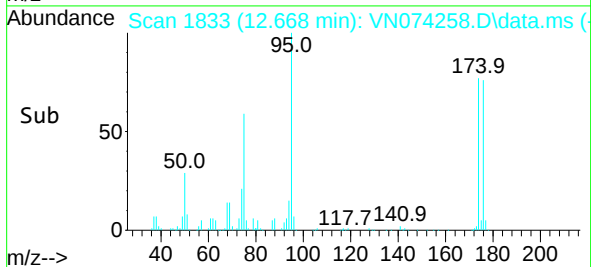
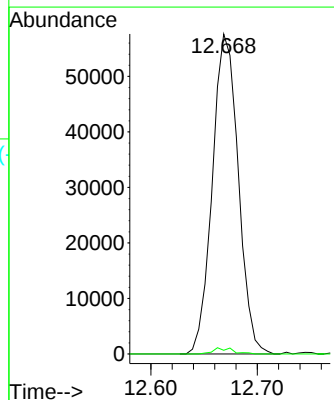
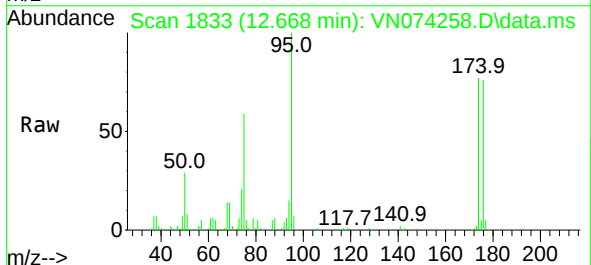


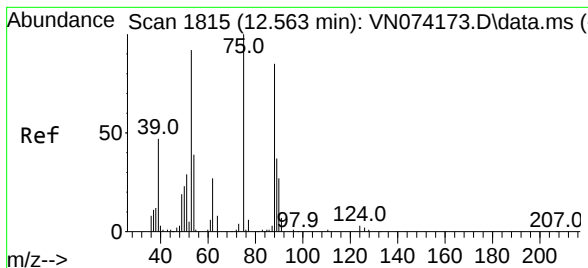
Tgt Ion:152 Resp: 160262
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.9 86.7
 150 155.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.450 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.153 min
 Lab File: VN074258.D
 Acq: 01 Sep 2022 22:26

Tgt Ion: 75 Resp: 97553
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#

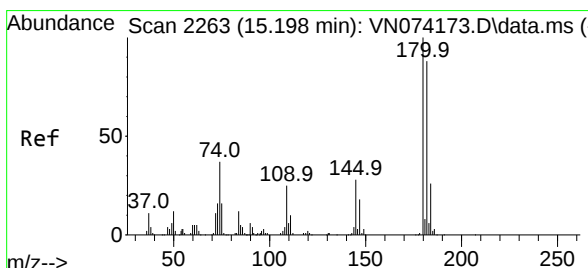
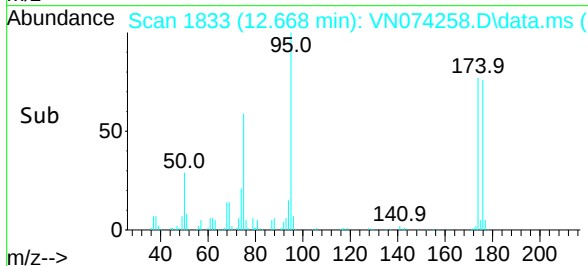
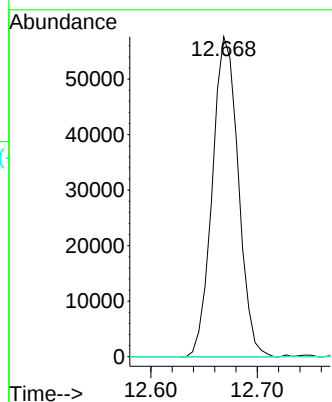
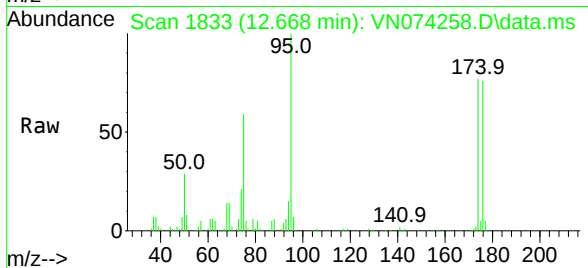




#81
trans-1,4-Dichloro-2-butene
Concen: 63.183 ug/l
RT: 12.668 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

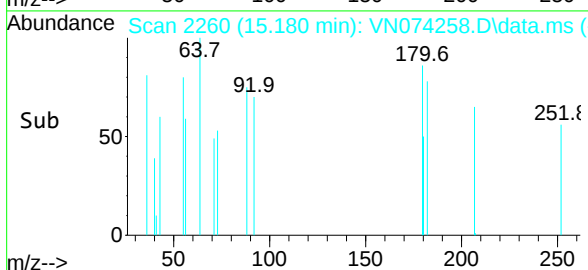
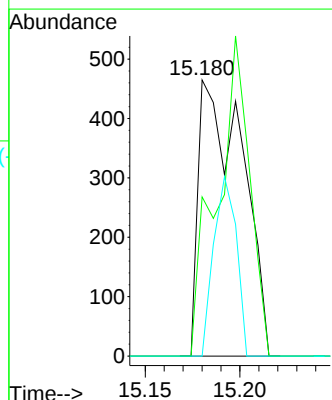
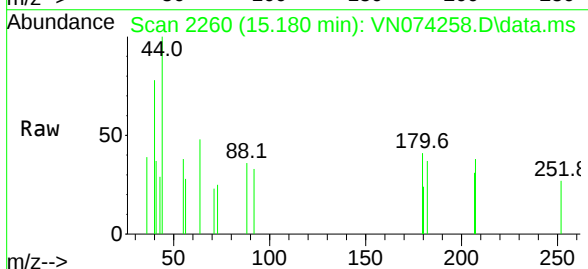
Instrument :
MSVOA_N
ClientSampleId :

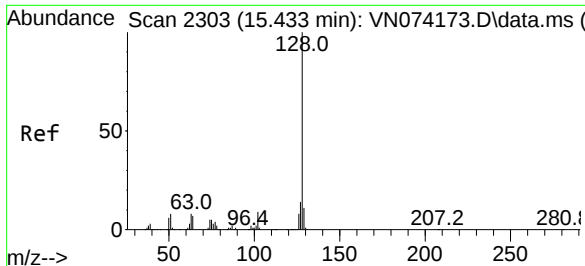
Tgt Ion: 75 Resp: 97553
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.253 ug/l
RT: 15.180 min Scan# 2260
Delta R.T. -0.018 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion: 180 Resp: 748
Ion Ratio Lower Upper
180 100
182 86.6 47.5 142.5
145 33.6 14.5 43.5

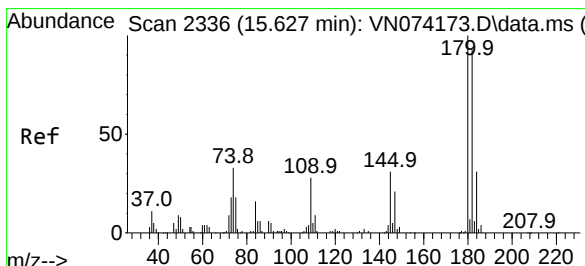
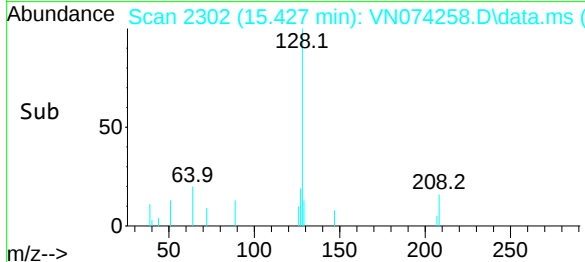
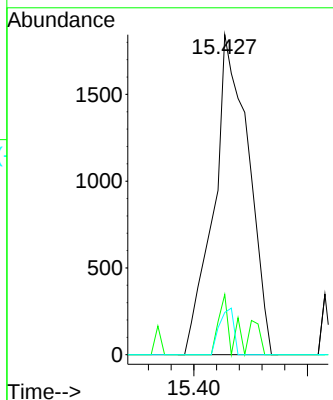
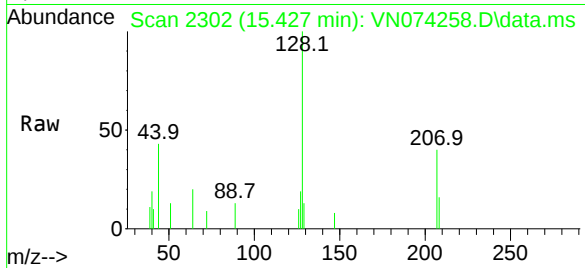




#95
Naphthalene
Concen: 1.467 ug/l
RT: 15.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3930
Ion Ratio Lower Upper
128 100
127 6.7 10.3 15.5#
129 6.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.361 ug/l
RT: 15.615 min Scan# 2334
Delta R.T. -0.012 min
Lab File: VN074258.D
Acq: 01 Sep 2022 22:26

Tgt Ion:180 Resp: 1104
Ion Ratio Lower Upper
180 100
182 52.4 47.8 143.3
145 15.4 15.5 46.5#

