

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074405.D
 Acq On : 12 Sep 2022 11:34
 Operator : JC\MD
 Sample : VN0912WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

Quant Time: Sep 13 05:53:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

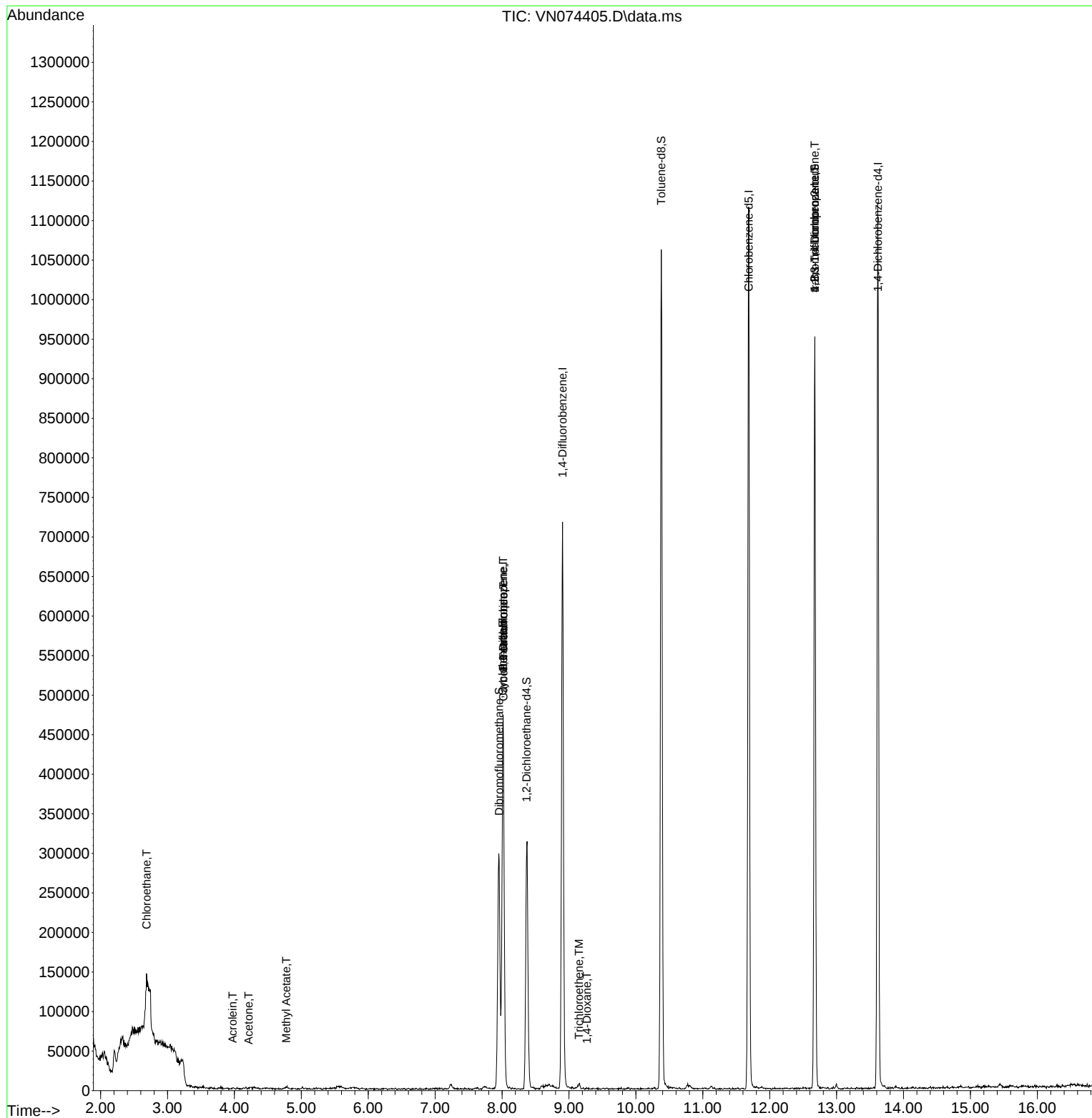
Internal Standards						
1) Pentafluorobenzene	8.016	168	329114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	566722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	569141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	260984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	250096	43.921	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.840%		
35) Dibromofluoromethane	7.957	113	204580	53.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.940%		
50) Toluene-d8	10.380	98	694533	46.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.674	95	280518	51.829	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.660%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	2814	Below Cal	#	45
6) Chloroethane	2.687	64	27722	2.142	ug/l #	64
13) Acrolein	3.975	56	347	0.351	ug/l #	59
16) Acetone	4.210	43	682	0.222	ug/l #	46
18) Methyl Acetate	4.775	43	4454	0.491	ug/l #	65
20) Methylene Chloride	5.022	84	1047	Below Cal	#	33
31) Cyclohexane	8.010	56	10357	1.144	ug/l #	33
36) 1,1-Dichloropropene	8.016	75	32203	5.109	ug/l #	51
38) Carbon Tetrachloride	8.022	117	36784	5.653	ug/l #	14
44) Trichloroethene	9.151	130	1581	0.365	ug/l	91
49) 1,4-Dioxane	9.269	88	58	0.418	ug/l #	1
74) N-amyl acetate	12.345	43	1053	Below Cal	#	63
76) 1,2,3-Trichloropropane	12.674	75	174574	25.588	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	174574	57.034	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.427	75	102	Below Cal	#	8

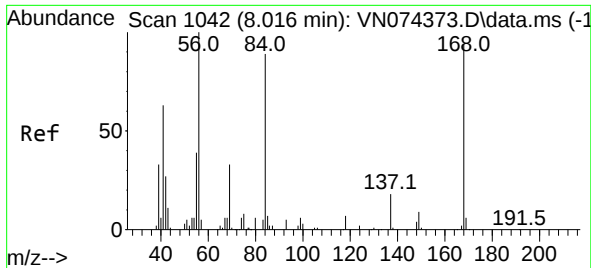
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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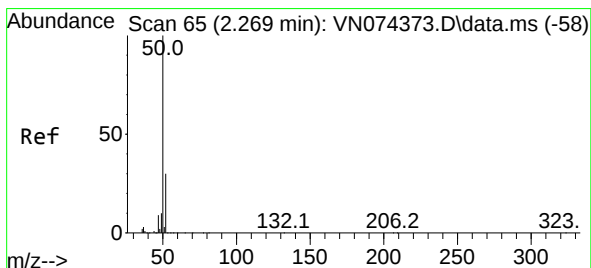
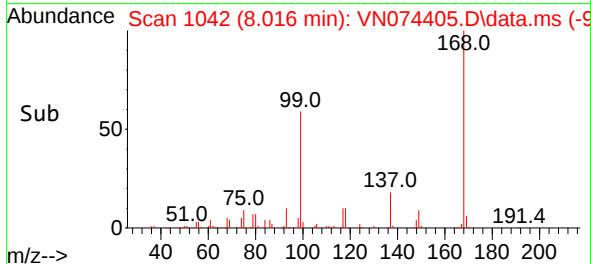
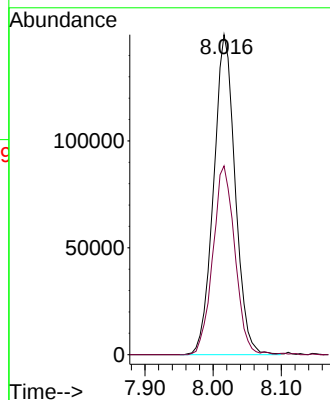
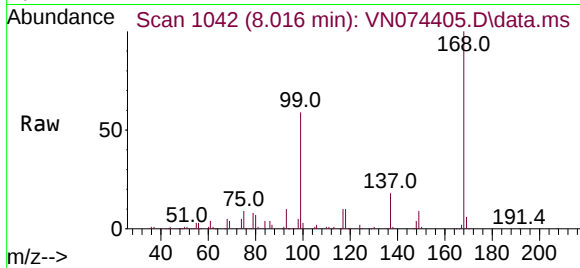




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

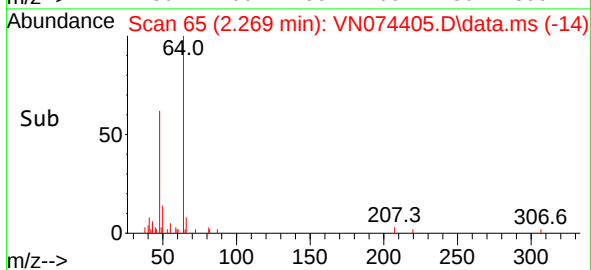
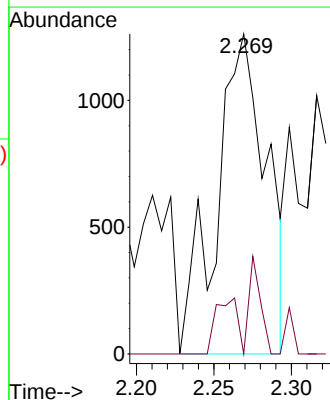
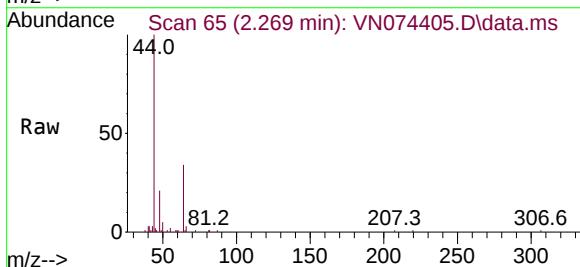
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

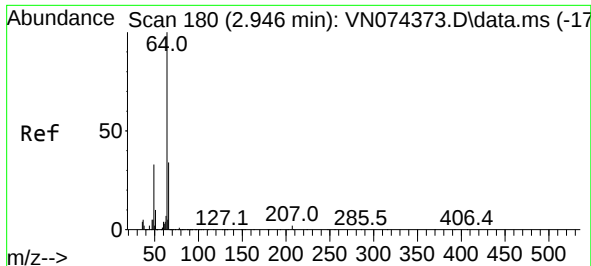
Tgt Ion:168 Resp: 329114
Ion Ratio Lower Upper
168 100
99 59.0 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 50 Resp: 2814
Ion Ratio Lower Upper
50 100
52 0.0 24.1 36.1#

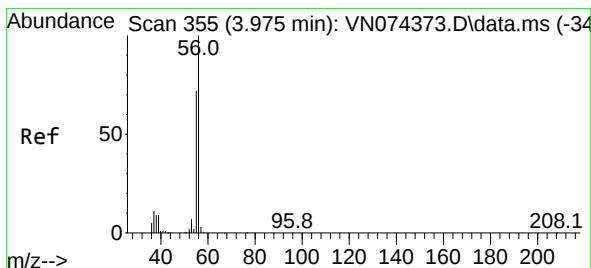
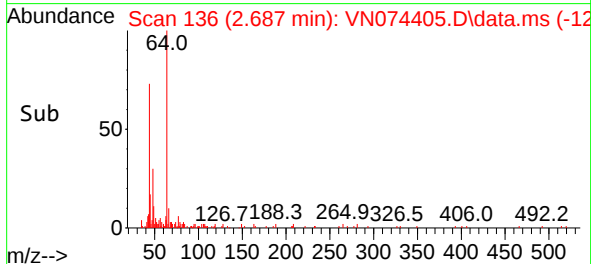
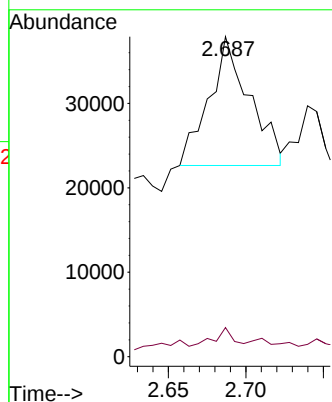
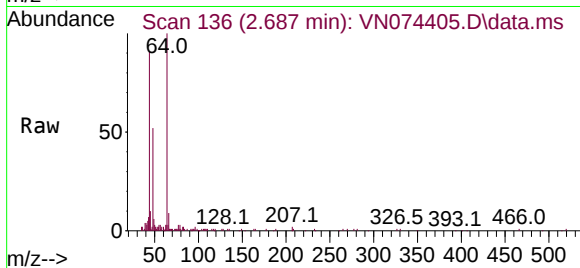




#6
Chloroethane
Concen: 2.142 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

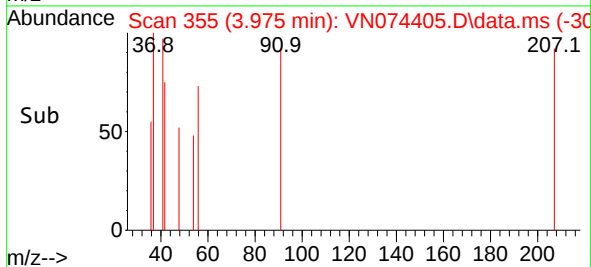
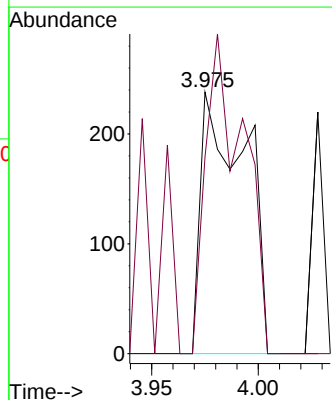
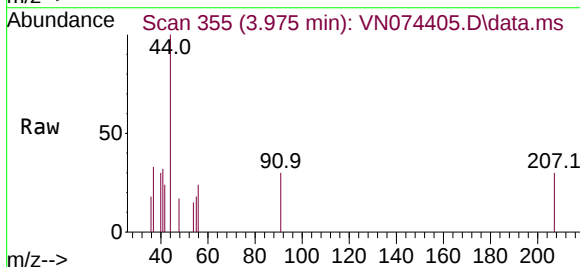
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

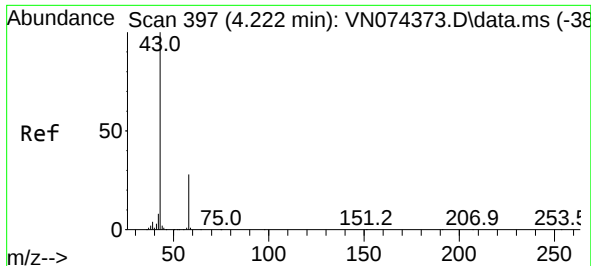
Tgt Ion: 64 Resp: 27722
Ion Ratio Lower Upper
64 100
66 12.5 26.5 39.7#



#13
Acrolein
Concen: 0.351 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
55 104.0 56.2 84.4#

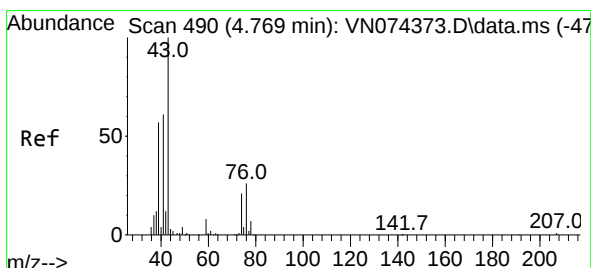
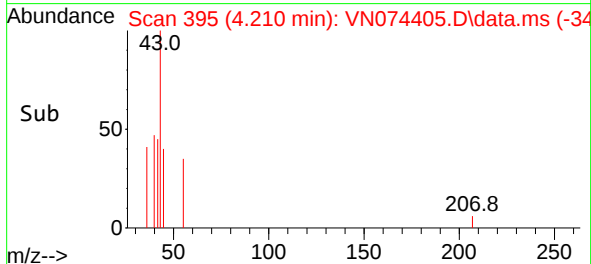
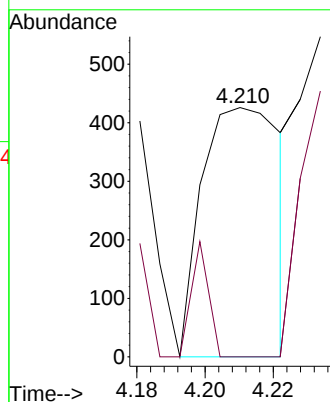
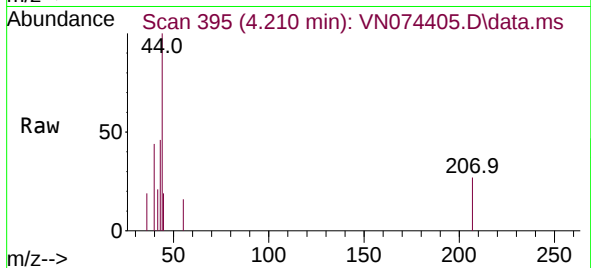




#16
Acetone
Concen: 0.222 ug/l
RT: 4.210 min Scan# 395
Delta R.T. -0.012 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

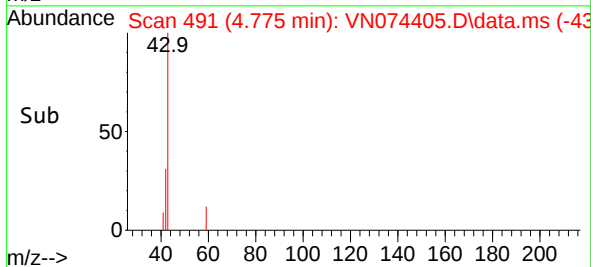
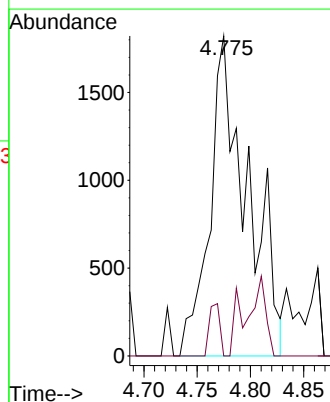
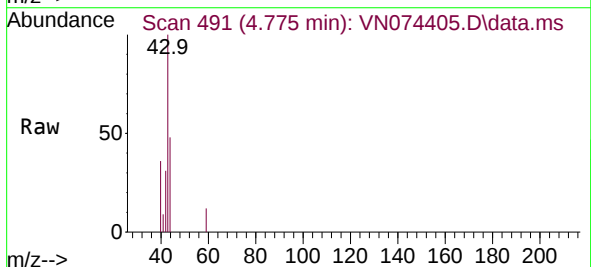
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

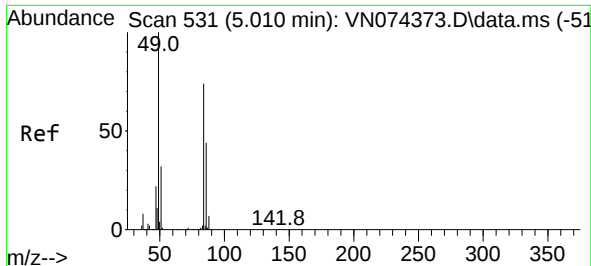
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#18
Methyl Acetate
Concen: 0.491 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 43 Resp: 4454
Ion Ratio Lower Upper
43 100
74 4.6 16.7 25.1#

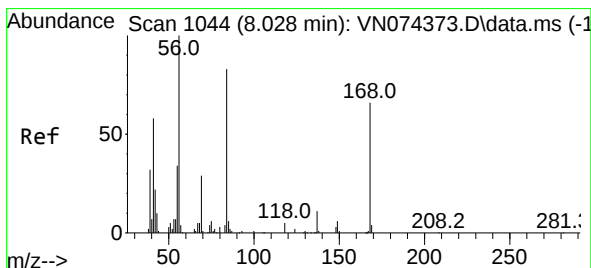
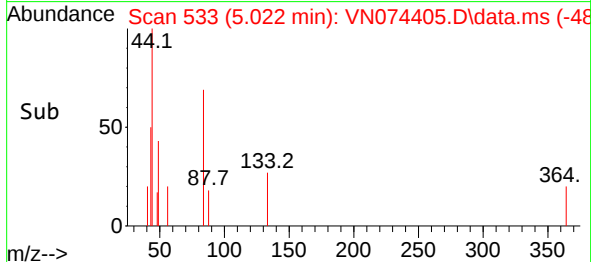
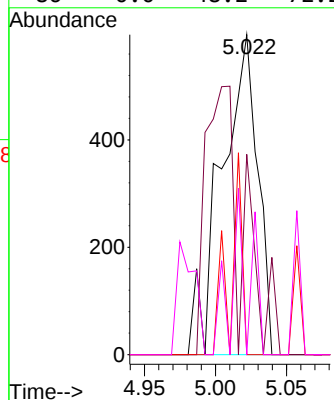
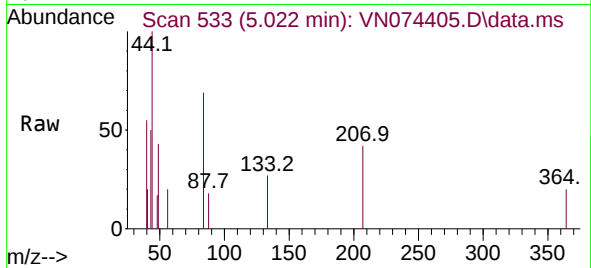




#20
Methylene Chloride
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

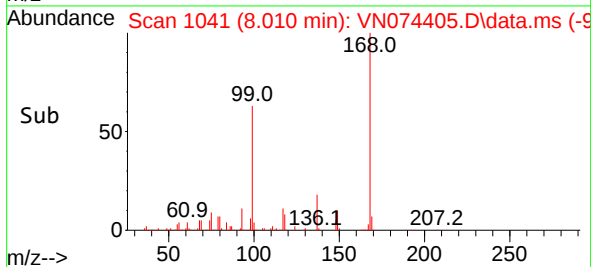
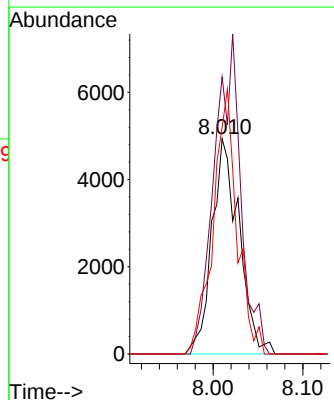
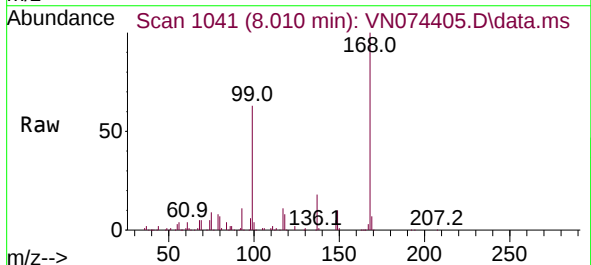
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

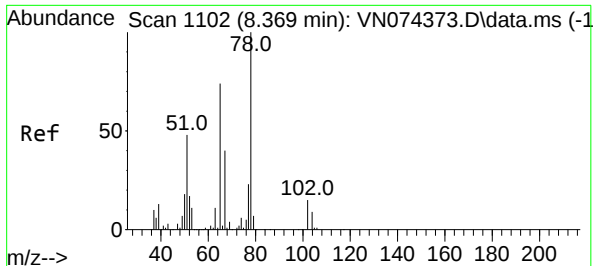
Tgt Ion: 84 Resp: 1047
Ion Ratio Lower Upper
84 100
49 62.6 108.2 162.4#
51 0.0 34.3 51.5#
86 0.0 48.2 72.2#



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.018 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 56 Resp: 10357
Ion Ratio Lower Upper
56 100
69 128.7 23.0 34.4#
84 105.2 66.3 99.5#





#33

1,2-Dichloroethane-d4

Concen: 43.921 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074405.D

Acq: 12 Sep 2022 11:34

Instrument :

MSVOA_N

ClientSampleId :

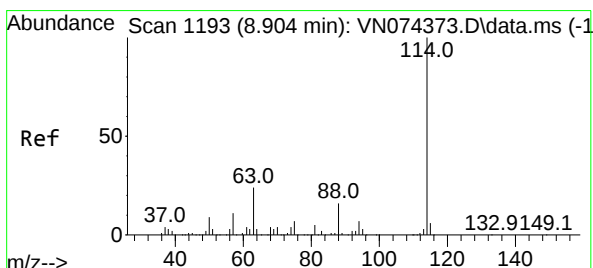
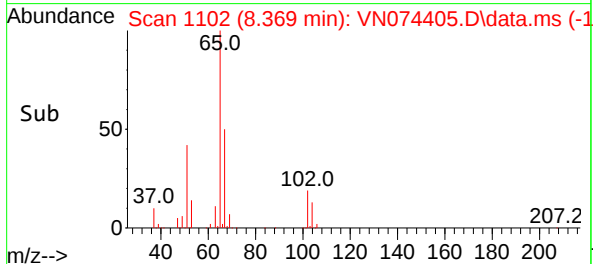
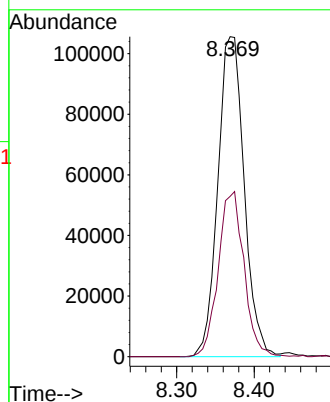
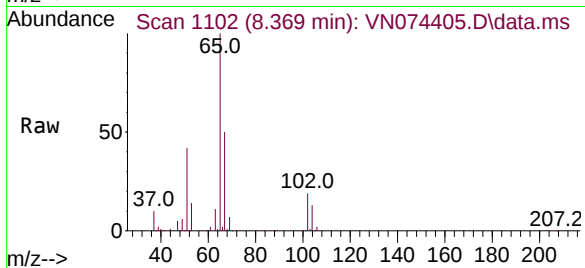
VN0912WBL01

Tgt Ion: 65 Resp: 250096

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074405.D

Acq: 12 Sep 2022 11:34

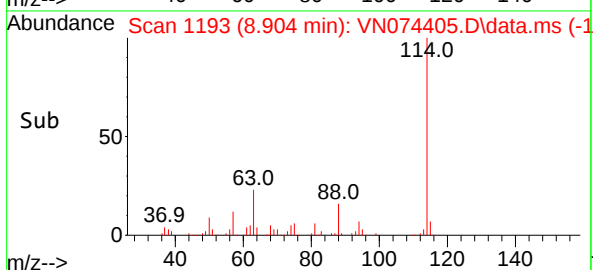
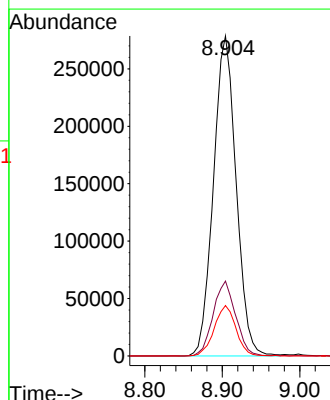
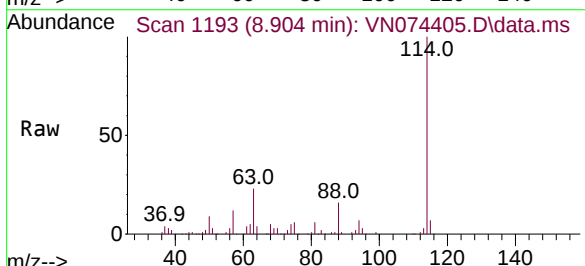
Tgt Ion: 114 Resp: 566722

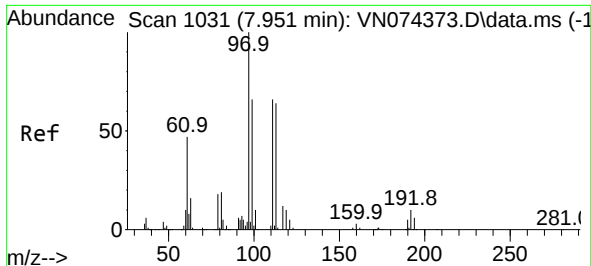
Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.6

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.472 ug/l

RT: 7.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074405.D

Acq: 12 Sep 2022 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL01

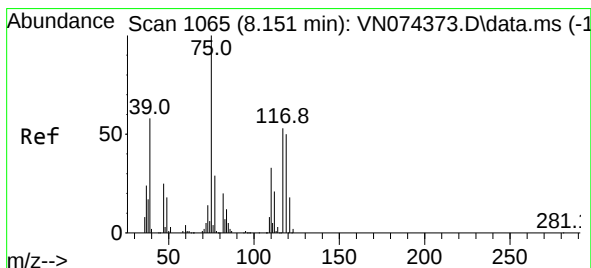
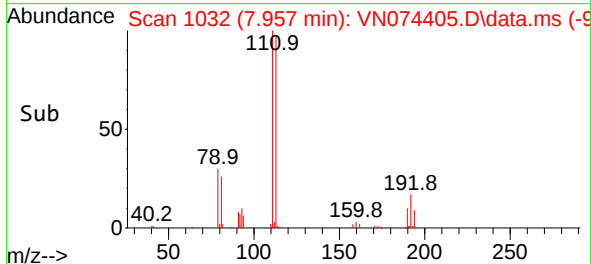
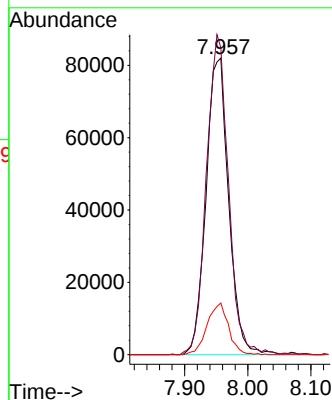
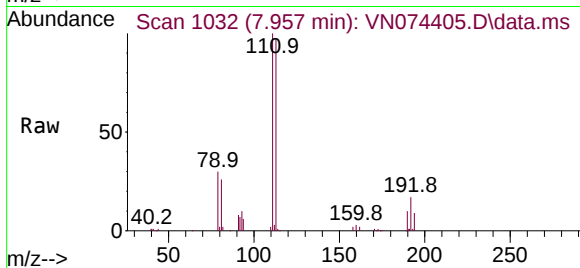
Tgt Ion:113 Resp: 204580

Ion Ratio Lower Upper

113 100

111 104.9 83.0 124.4

192 16.6 13.7 20.5



#36

1,1-Dichloropropene

Concen: 5.109 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074405.D

Acq: 12 Sep 2022 11:34

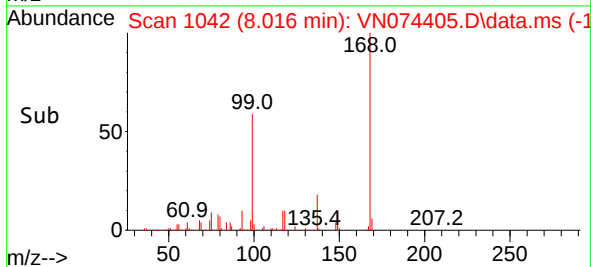
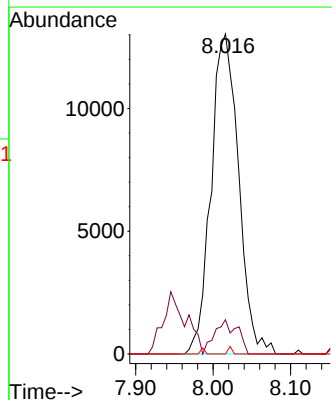
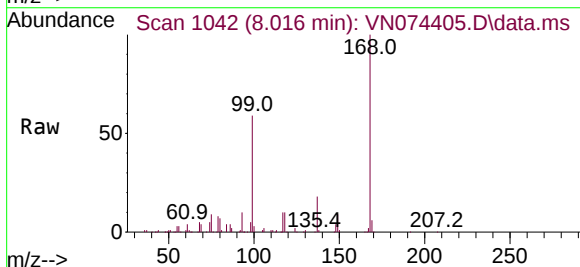
Tgt Ion: 75 Resp: 32203

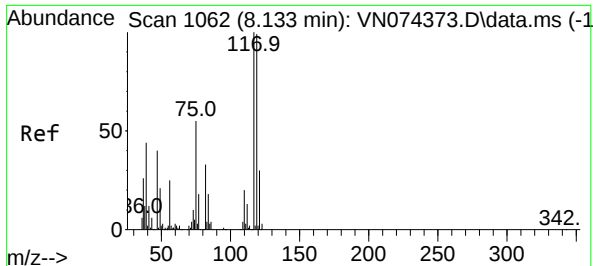
Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.1#

77 0.3 25.4 38.2#

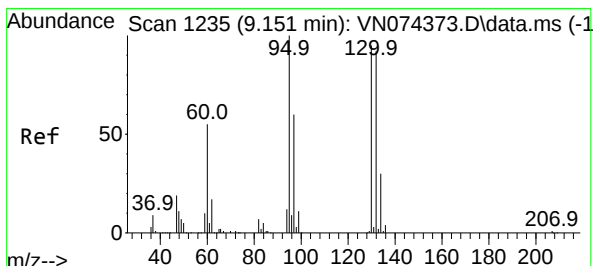
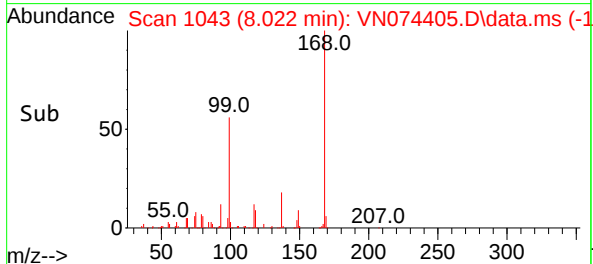
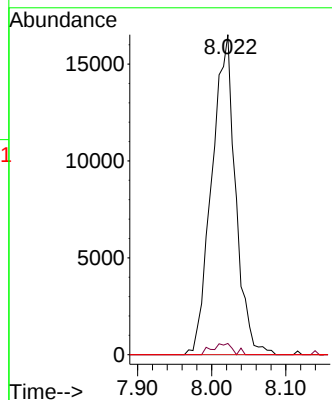
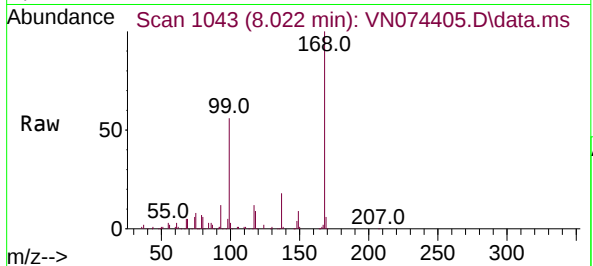




#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

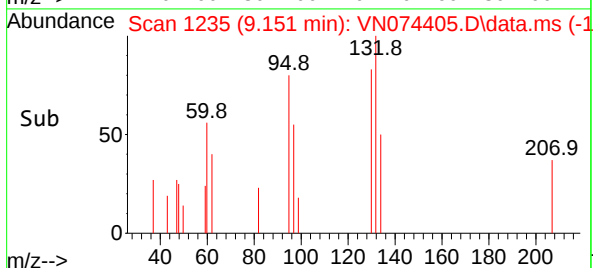
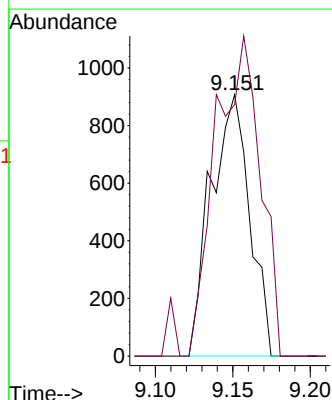
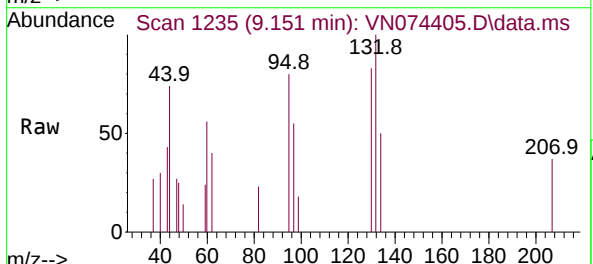
Instrument :
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ClientSampleId :
VN0912WBL01

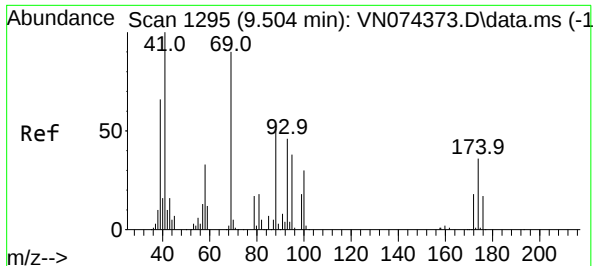
Tgt Ion:117 Resp: 36784
Ion Ratio Lower Upper
117 100
119 3.5 78.8 118.2#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 0.365 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion:130 Resp: 1581
Ion Ratio Lower Upper
130 100
95 96.3 0.0 210.0

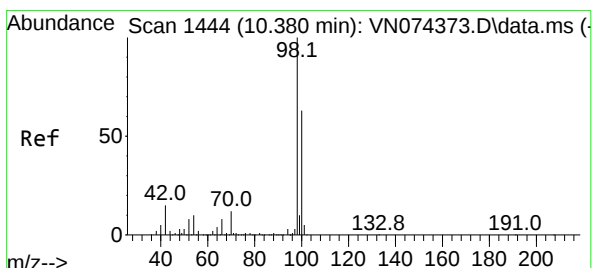
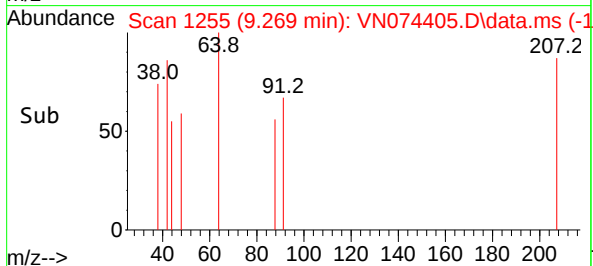
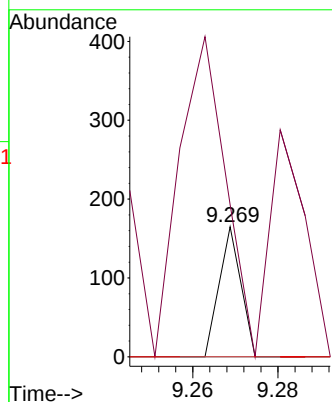
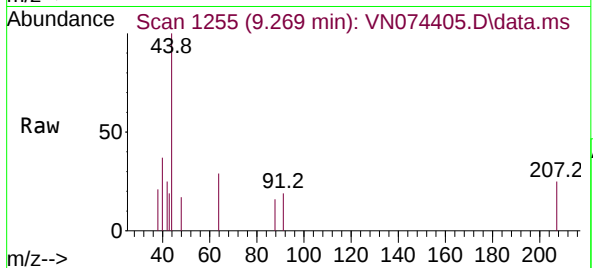




#49
1,4-Dioxane
Concen: 0.418 ug/l
RT: 9.269 min Scan# 1255
Delta R.T. -0.235 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

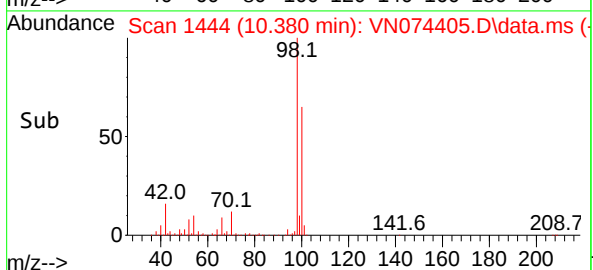
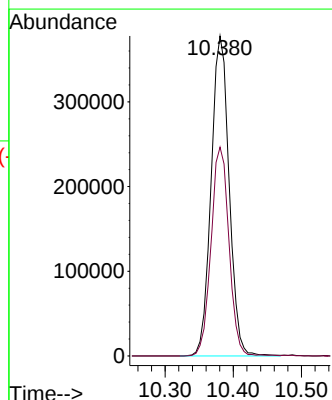
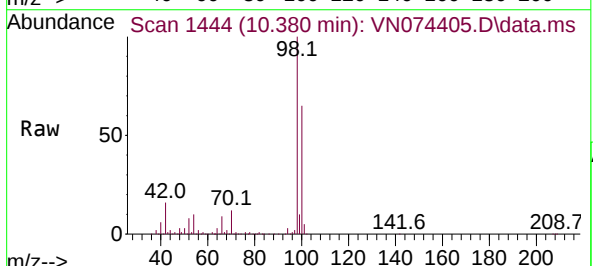
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

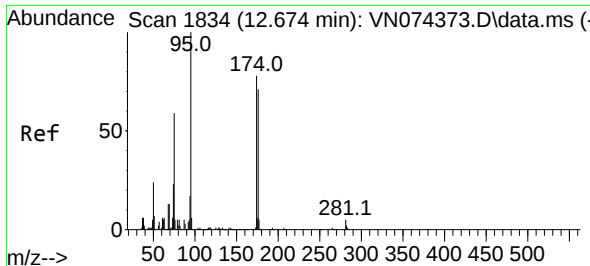
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 525.9 26.9 40.3#
58 0.0 52.7 79.1#



#50
Toluene-d8
Concen: 46.589 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 98 Resp: 694533
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

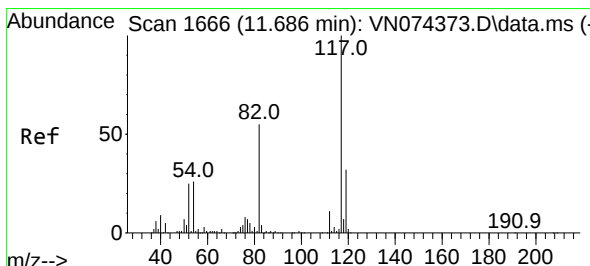
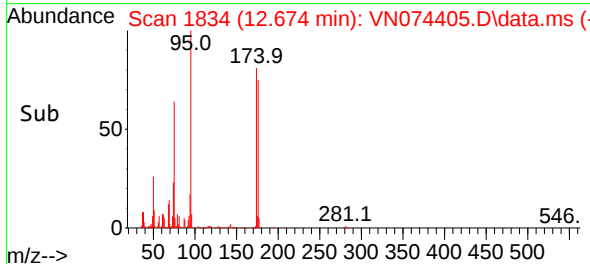
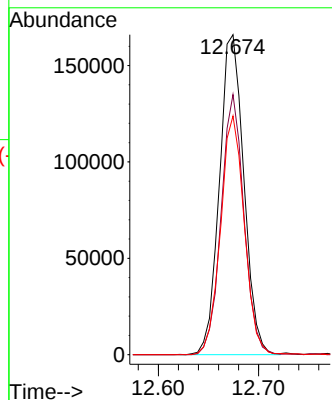
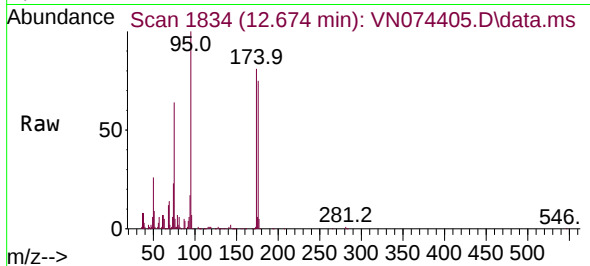




#62
4-Bromofluorobenzene
Concen: 51.829 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

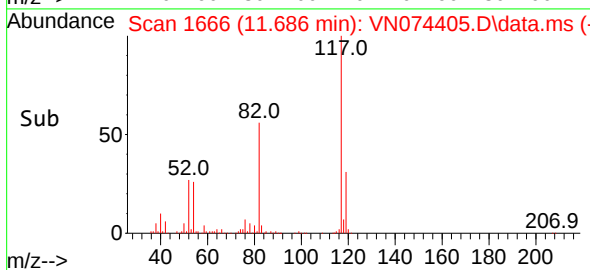
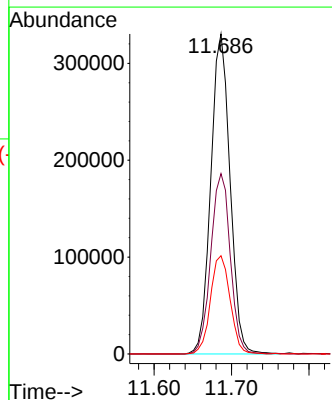
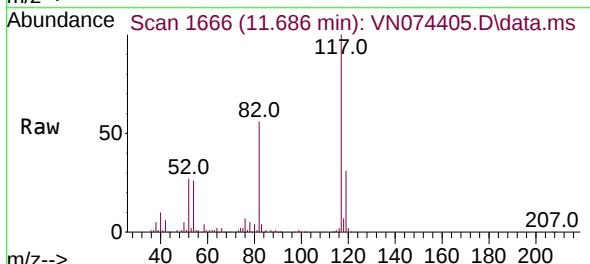
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

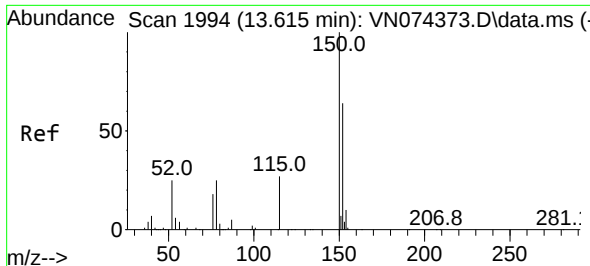
Tgt Ion: 95 Resp: 280518
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 72.6 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 117 Resp: 569141
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 30.7 25.5 38.3

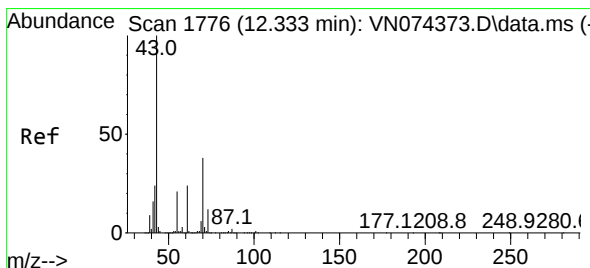
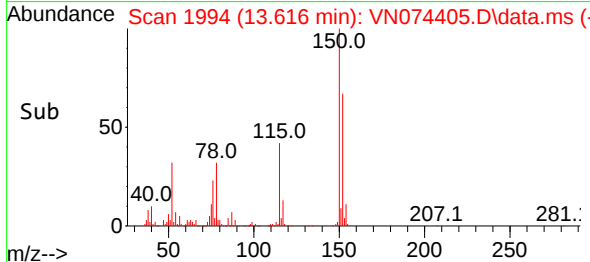
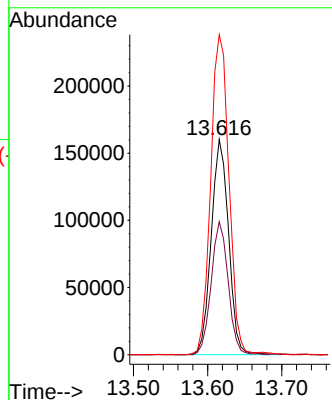
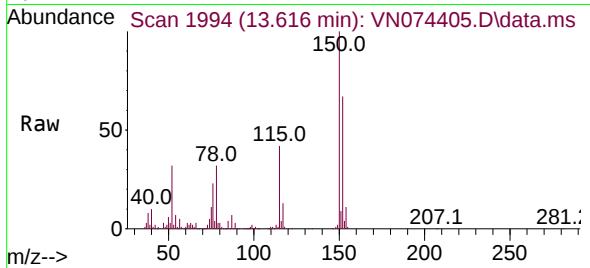




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

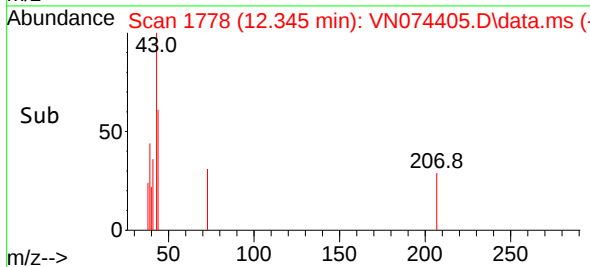
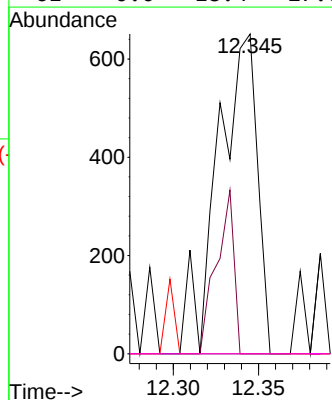
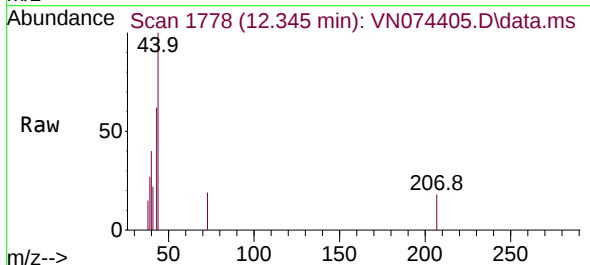
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

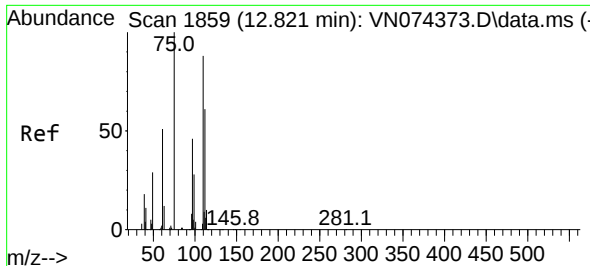
Tgt Ion:152 Resp: 260984
Ion Ratio Lower Upper
152 100
115 60.4 32.0 96.0
150 156.7 0.0 359.6



#74
N-ethyl acetate
Concen: Below Cal
RT: 12.345 min Scan# 1778
Delta R.T. 0.012 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
70 22.9 31.4 47.0#
55 0.0 17.0 25.6#
61 0.0 18.4 27.6#

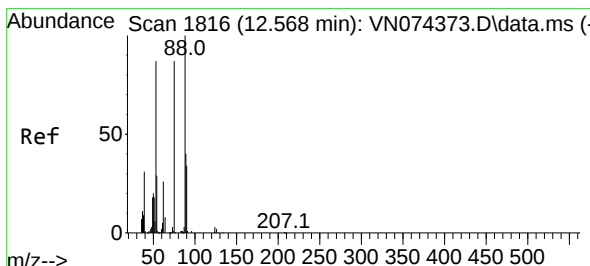
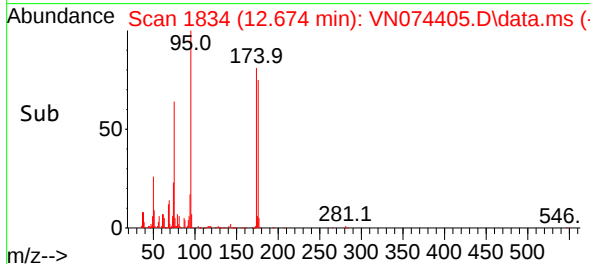
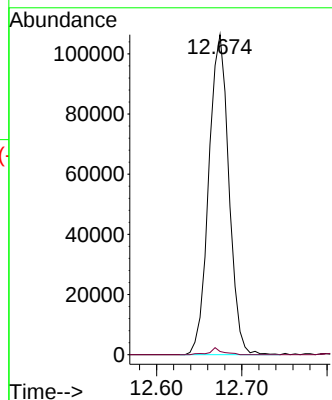
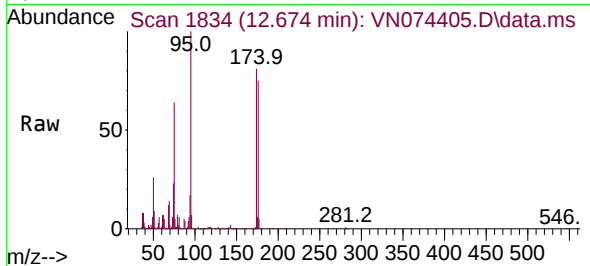




#76
1,2,3-Trichloropropane
Concen: 25.588 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

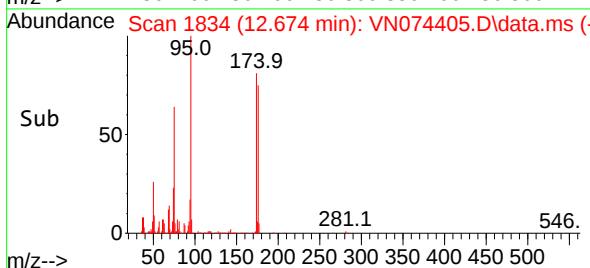
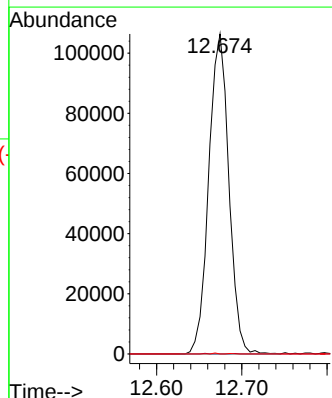
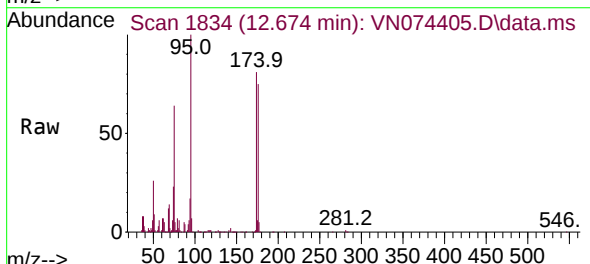
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

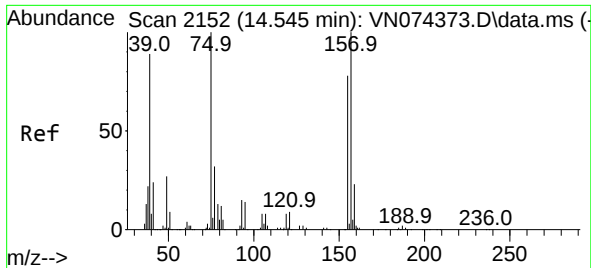
Tgt Ion: 75 Resp: 174574
Ion Ratio Lower Upper
75 100
77 1.4 78.9 236.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.034 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 75 Resp: 174574
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.2#
89 0.1 37.7 56.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.427 min Scan# 21
 Delta R.T. -0.118 min
 Lab File: VN074405.D
 Acq: 12 Sep 2022 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

Tgt Ion: 75 Resp: 102
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.6 109.9#
 157 0.0 46.2 138.5#

