

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074413.D
 Acq On : 12 Sep 2022 15:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 13 05:55:44 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	7.998	168	293975	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.892	114	518344	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.686	117	549510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	293707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	220177	43.289	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.580%
35) Dibromofluoromethane	7.945	113	183450	52.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.840%
50) Toluene-d8	10.375	98	603813	44.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.560%
62) 4-Bromofluorobenzene	12.680	95	274545	55.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.920%

Target Compounds			Qvalue			
3) Chloromethane	2.257	50	944	Below Cal		98
5) Bromomethane	2.757	94	1010	0.227 ug/l #		2
6) Chloroethane	3.081	64	4029	Below Cal #		68
11) Tert butyl alcohol	5.193	59	3473	2.611 ug/l #		71
13) Acrolein	3.963	56	672	0.760 ug/l #		74
16) Acetone	4.228	43	846	0.308 ug/l #		46
18) Methyl Acetate	4.769	43	5669	0.700 ug/l #		88
20) Methylene Chloride	4.963	84	1540	Below Cal #		56
27) cis-1,2-Dichloroethene	7.239	96	2026	0.400 ug/l		67
29) Tetrahydrofuran	7.622	42	6697	2.198 ug/l #		70
31) Cyclohexane	7.998	56	10092	1.248 ug/l #		47
36) 1,1-Dichloropropene	8.004	75	26968	4.678 ug/l #		50
38) Carbon Tetrachloride	8.004	117	30754	5.167 ug/l #		15
43) Isopropyl Acetate	8.592	43	20197	1.477 ug/l #		58
44) Trichloroethene	9.139	130	17376	4.391 ug/l		85
53) t-1,3-Dichloropropene	10.869	75	167951	23.808 ug/l #		47
56) Ethyl methacrylate	10.875	69	37563	4.913 ug/l #		35
58) 2-Chloroethyl Vinyl ether	9.986	63	820	0.231 ug/l #		80
59) 2-Hexanone	11.039	43	1805	0.262 ug/l		91
60) Dibromochloromethane	10.916	129	1243	0.273 ug/l #		11
64) Tetrachloroethene	10.910	164	801	0.215 ug/l #		64
65) Chlorobenzene	11.710	112	2788	0.210 ug/l #		70
68) m/p-Xylenes	11.904	106	3431	0.365 ug/l		77
70) Styrene	12.233	104	3508	0.233 ug/l #		83
74) N-ethyl acetate	12.345	43	496	Below Cal #		85
76) 1,2,3-Trichloropropane	12.833	75	42979	5.598 ug/l #		11
77) Bromobenzene	12.804	156	2311	0.381 ug/l #		1
78) n-propylbenzene	12.863	91	7014	0.217 ug/l		90
79) 2-Chlorotoluene	13.045	91	6537	0.332 ug/l		82
81) trans-1,4-Dichloro-2-b...	12.674	75	169145	49.104 ug/l #		9
82) 4-Chlorotoluene	13.045	91	6537	0.344 ug/l		83
87) 1,3-Dichlorobenzene	13.563	146	5369	0.479 ug/l		91
88) 1,4-Dichlorobenzene	13.563	146	5369	0.475 ug/l		91
89) n-Butylbenzene	13.880	91	6802	0.348 ug/l		95
91) 1,2-Dichlorobenzene	13.933	146	2788	0.237 ug/l		89
92) 1,2-Dibromo-3-Chloropr...	14.539	75	224	Below Cal #		24

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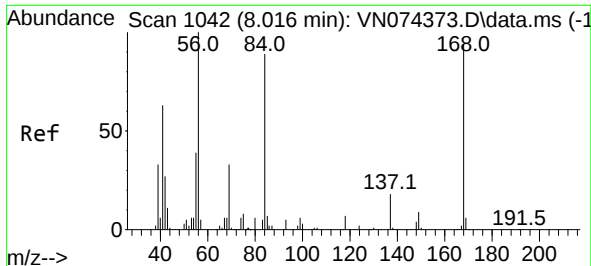
Quant Time: Sep 13 05:55:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 06:10:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.198	180	4470	0.762	ug/l	84
95) Naphthalene	15.433	128	7907	0.344	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.639	180	2337	0.385	ug/l	89

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

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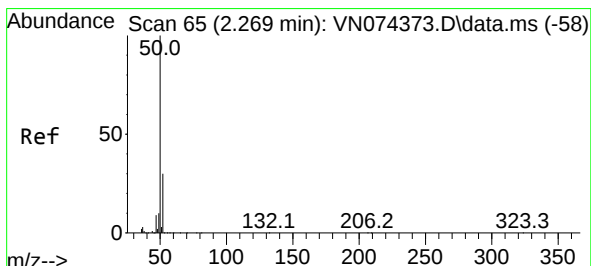
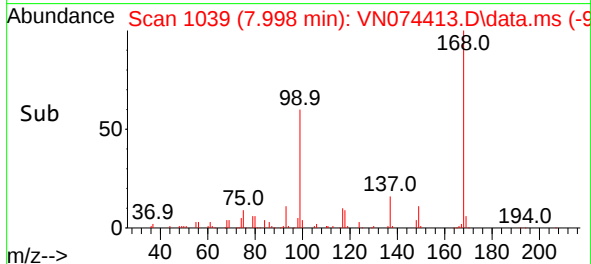
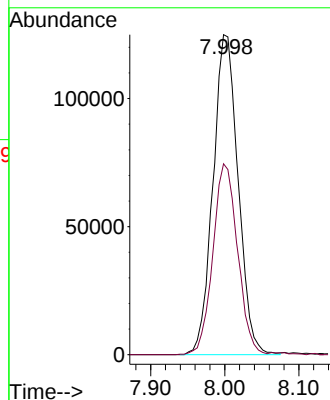
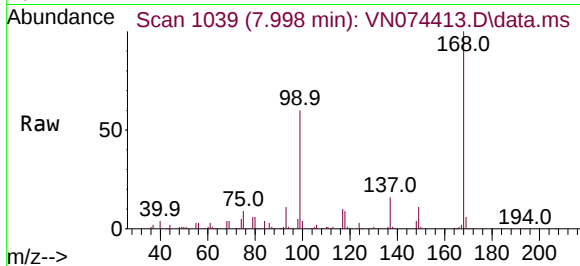




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.998 min Scan# 10
Delta R.T. -0.018 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

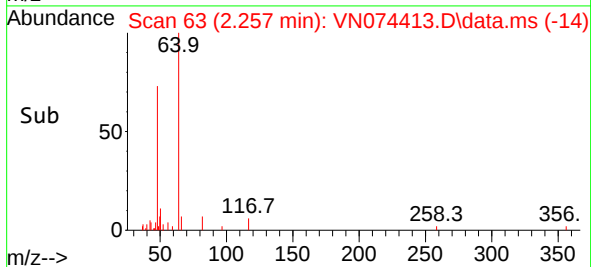
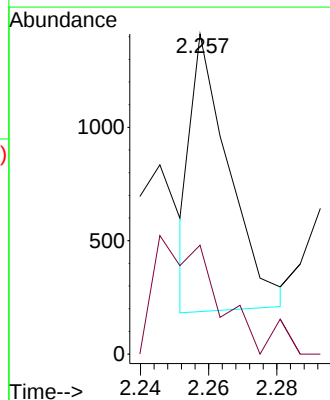
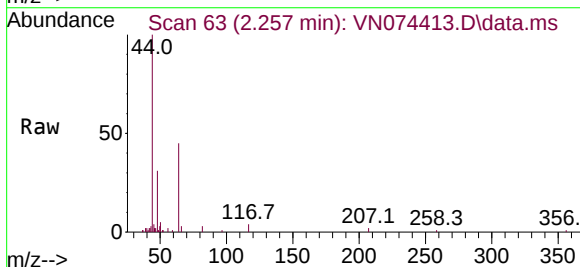
Instrument :
MSVOA_N
ClientSampleId :
IBLK

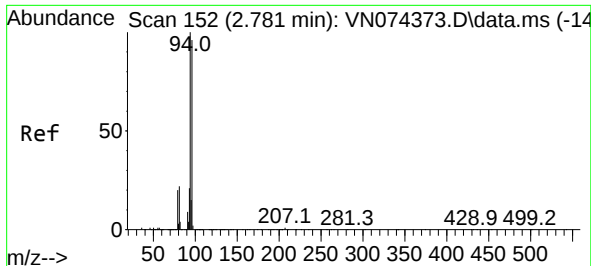
Tgt Ion:168 Resp: 293975
Ion Ratio Lower Upper
168 100
99 59.5 52.8 79.2



#3
Chloromethane
Concen: Below Cal
RT: 2.257 min Scan# 63
Delta R.T. -0.012 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 29.2 24.1 36.1

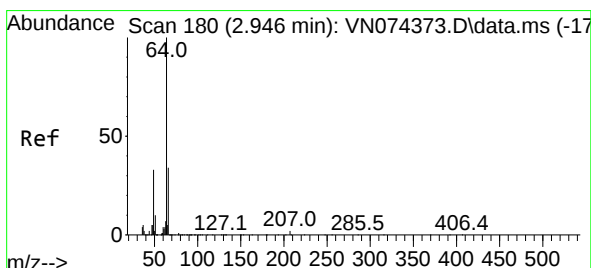
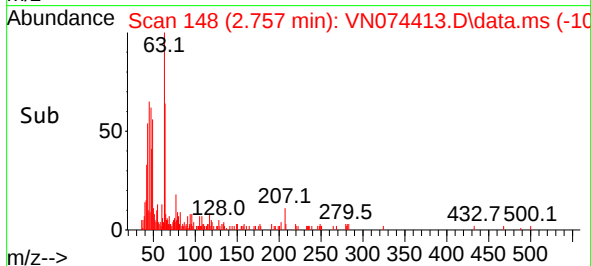
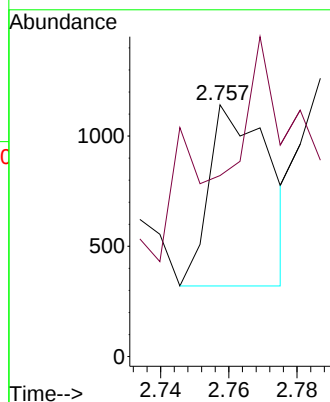
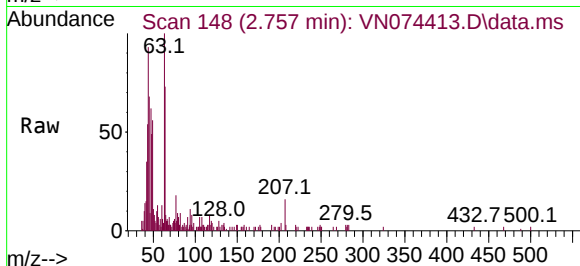




#5
Bromomethane
Concen: 0.227 ug/l
RT: 2.757 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

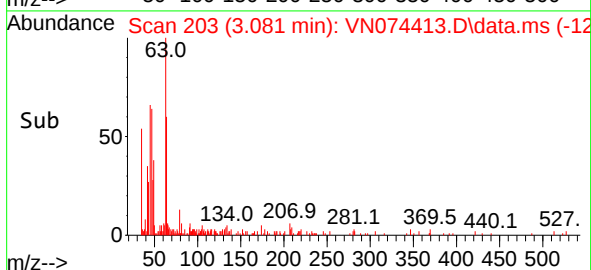
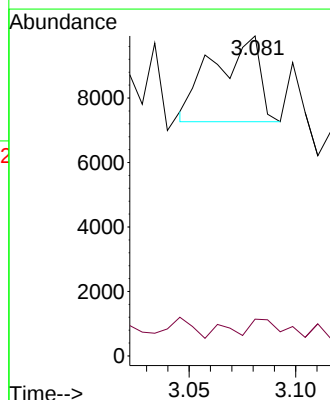
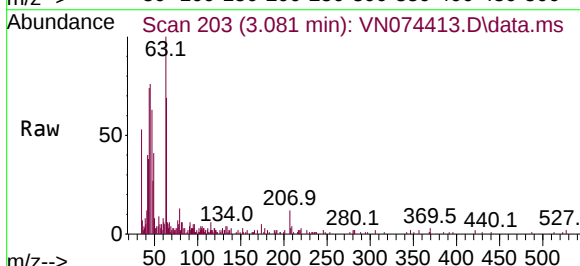
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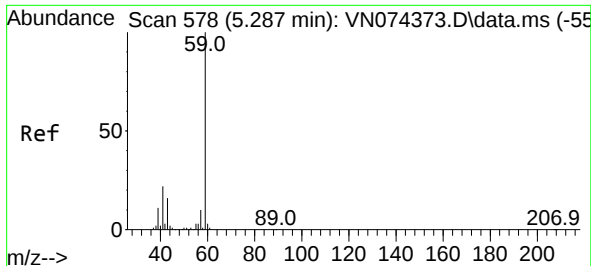
Tgt Ion: 94 Resp: 1010
Ion Ratio Lower Upper
94 100
96 0.0 76.7 115.1#



#6
Chloroethane
Concen: Below Cal
RT: 3.081 min Scan# 203
Delta R.T. 0.135 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 64 Resp: 4029
Ion Ratio Lower Upper
64 100
66 14.7 26.5 39.7#

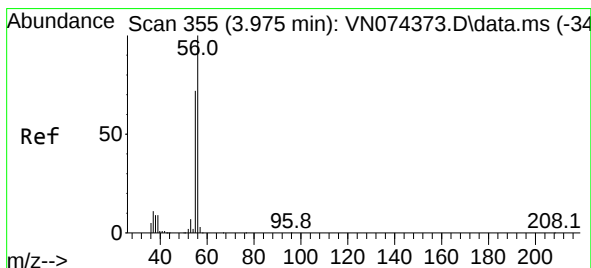
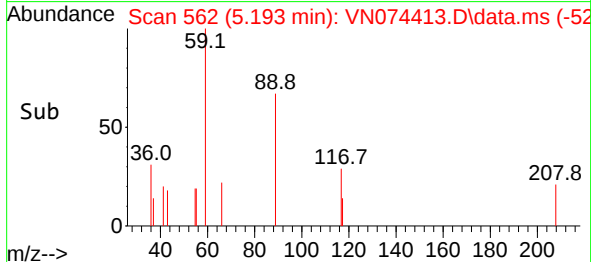
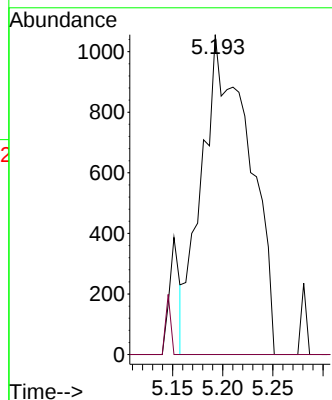
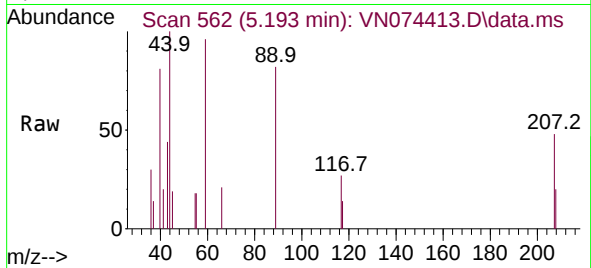




#11
Tert butyl alcohol
Concen: 2.611 ug/l
RT: 5.193 min Scan# 51
Delta R.T. -0.094 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

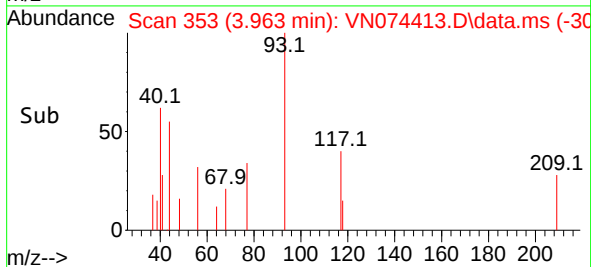
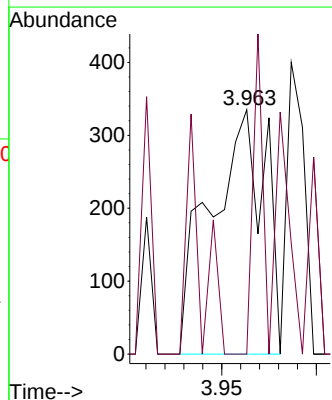
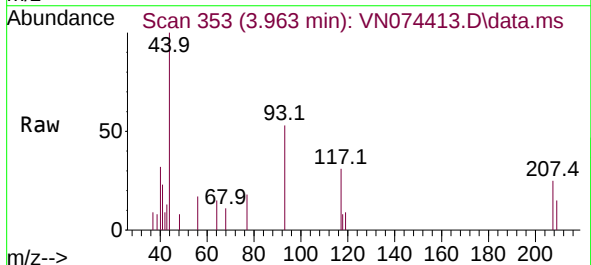
Instrument :
MSVOA_N
ClientSampleId :
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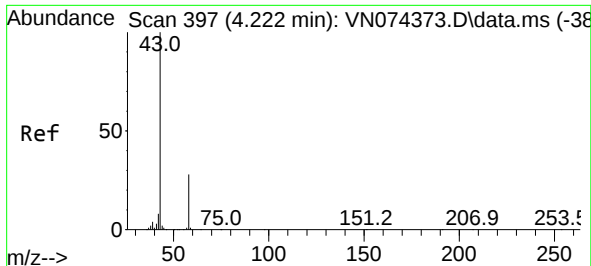
Tgt Ion: 59 Resp: 3473
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#13
Acrolein
Concen: 0.760 ug/l
RT: 3.963 min Scan# 353
Delta R.T. -0.012 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 56 Resp: 672
Ion Ratio Lower Upper
56 100
55 48.5 56.2 84.4#

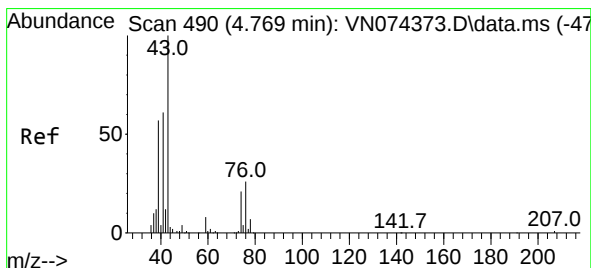
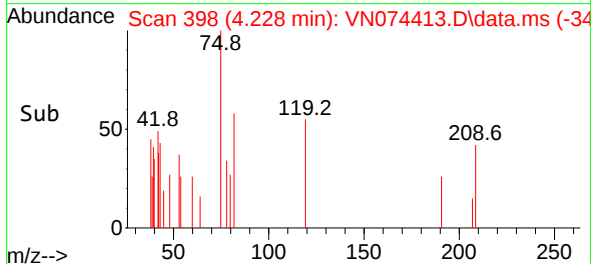
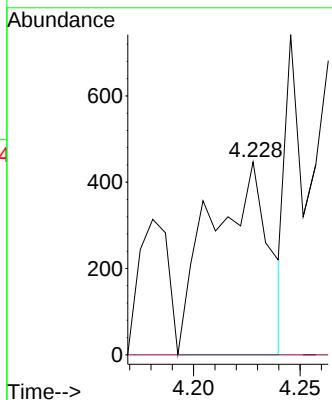
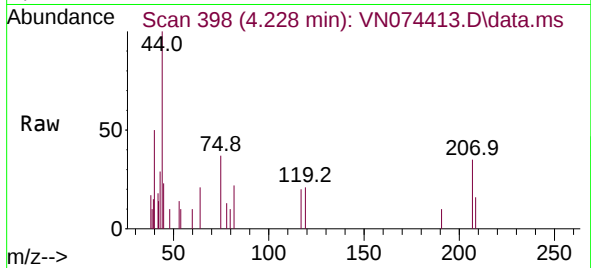




#16
Acetone
Concen: 0.308 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

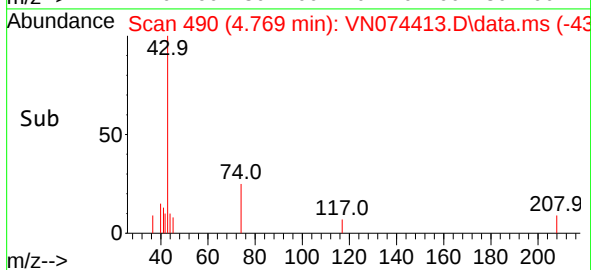
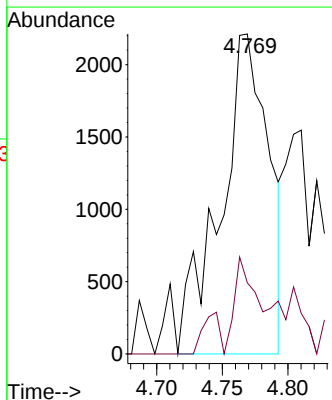
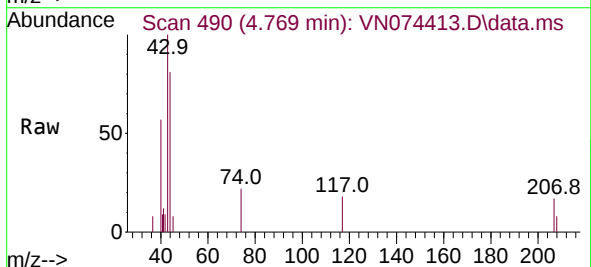
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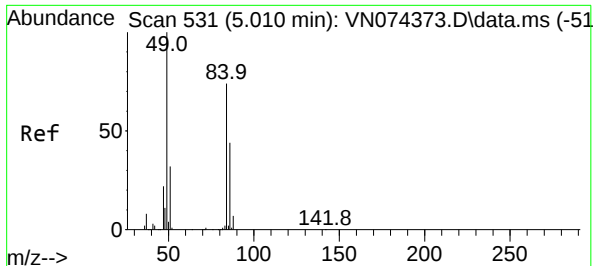
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#18
Methyl Acetate
Concen: 0.700 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 43 Resp: 5669
Ion Ratio Lower Upper
43 100
74 15.1 16.7 25.1#

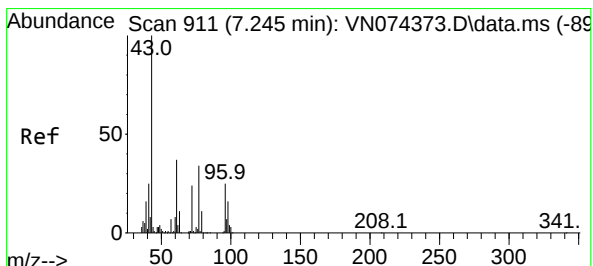
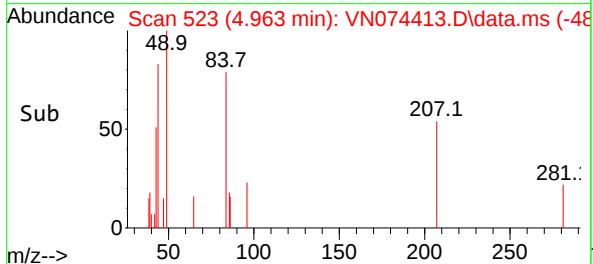
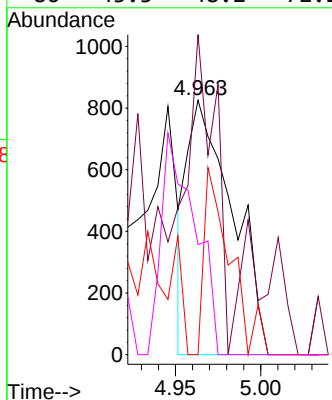
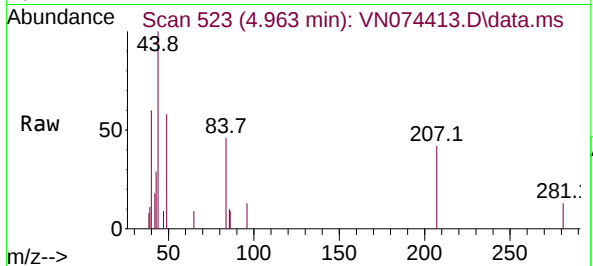




#20
Methylene Chloride
Concen: Below Cal
RT: 4.963 min Scan# 51
Delta R.T. -0.047 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

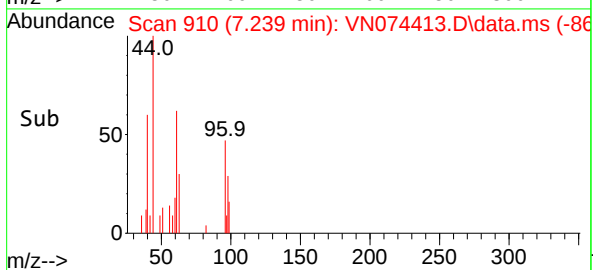
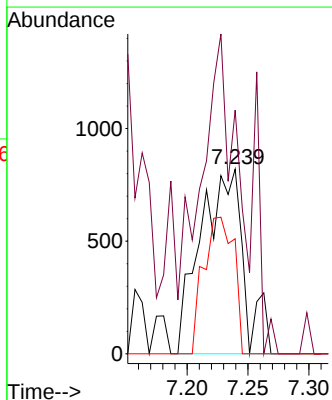
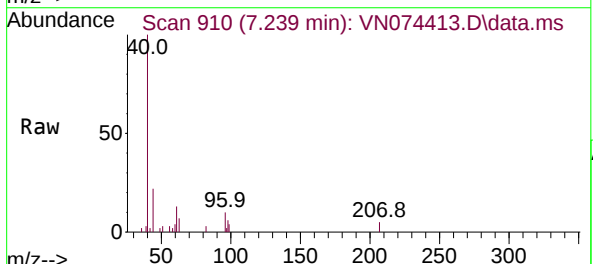
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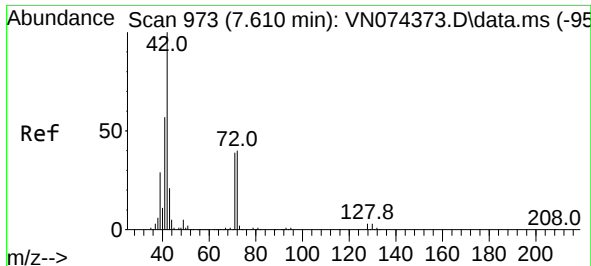
Tgt Ion: 84 Resp: 1540
Ion Ratio Lower Upper
84 100
49 79.8 108.2 162.4#
51 0.0 34.3 51.5#
86 43.3 48.2 72.2#



#27
cis-1,2-Dichloroethene
Concen: 0.400 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 96 Resp: 2026
Ion Ratio Lower Upper
96 100
61 102.2 0.0 306.2
98 51.8 0.0 129.8





#29

Tetrahydrofuran

Concen: 2.198 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

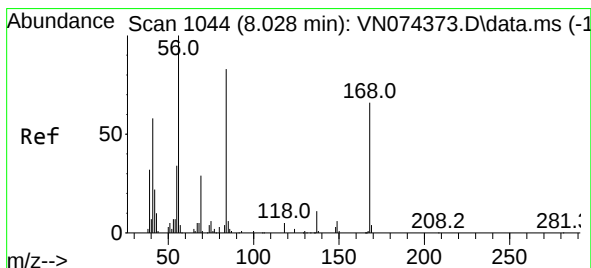
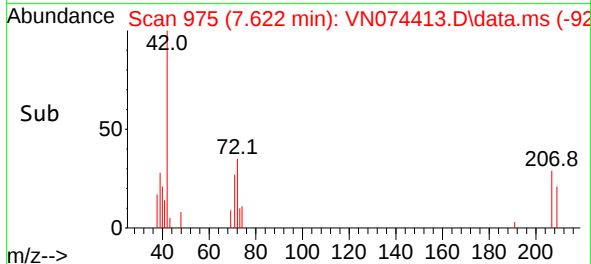
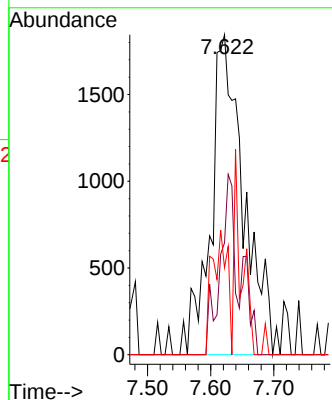
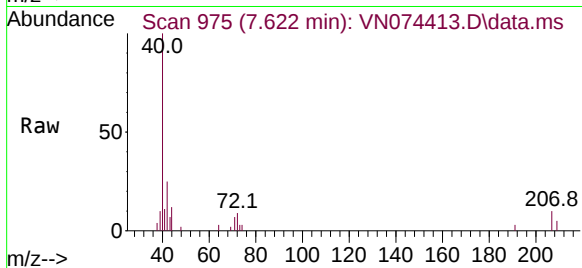
Tgt Ion: 42 Resp: 6697

Ion Ratio Lower Upper

42 100

72 24.7 32.7 49.1#

71 17.9 31.0 46.6#



#31

Cyclohexane

Concen: 1.248 ug/l

RT: 7.998 min Scan# 1039

Delta R.T. -0.029 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

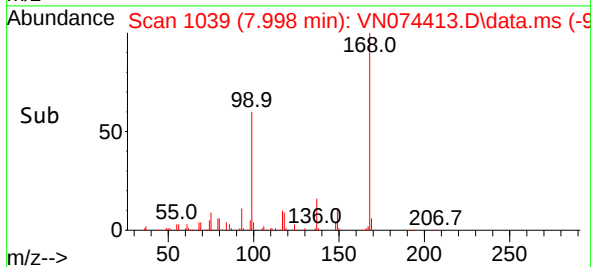
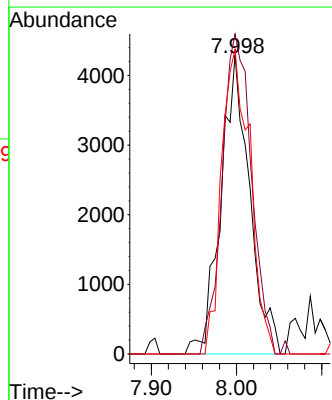
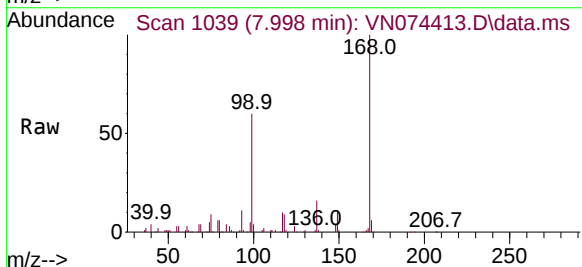
Tgt Ion: 56 Resp: 10092

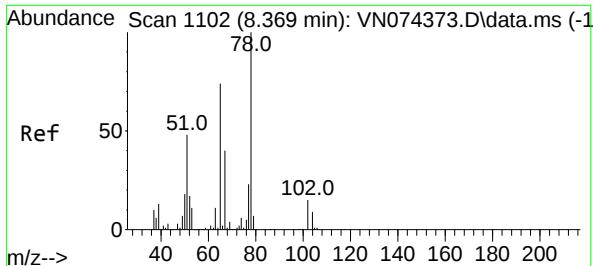
Ion Ratio Lower Upper

56 100

69 106.9 23.0 34.4#

84 101.8 66.3 99.5#





#33

1,2-Dichloroethane-d4

Concen: 43.289 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN074413.D

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ClientSampleId :

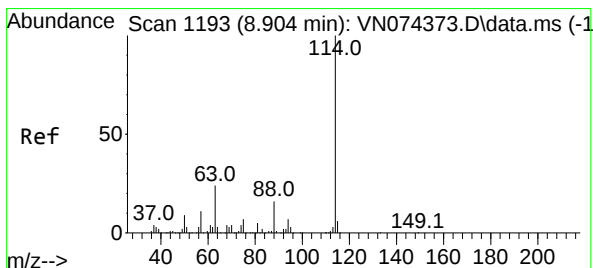
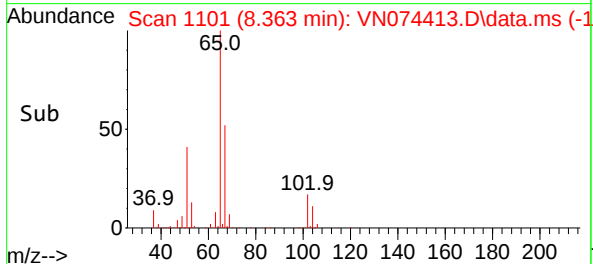
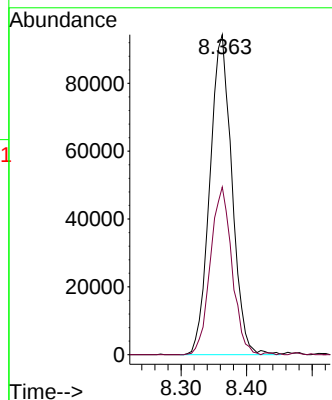
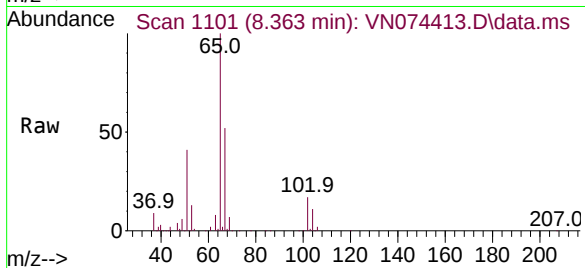
IBLK

Tgt Ion: 65 Resp: 220177

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.892 min Scan# 1191

Delta R.T. -0.012 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

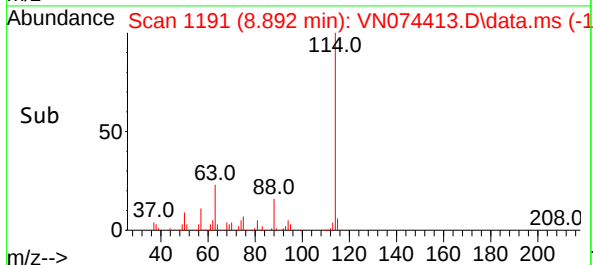
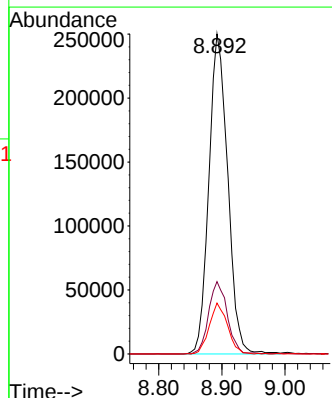
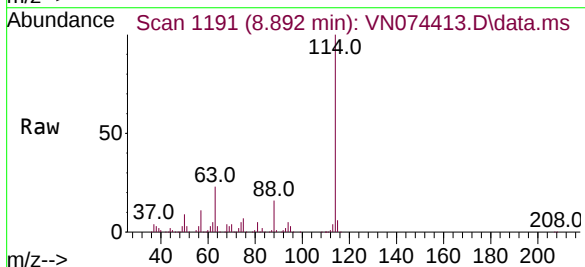
Tgt Ion: 114 Resp: 518344

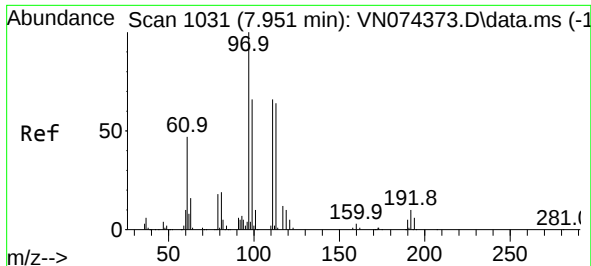
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.6

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.424 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

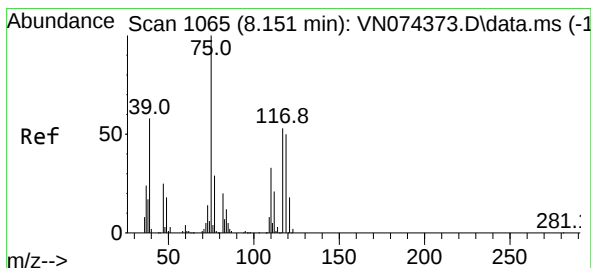
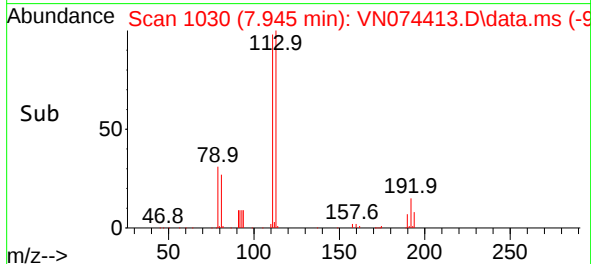
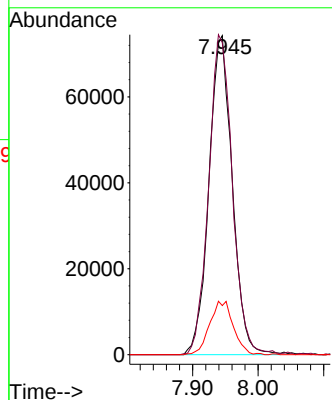
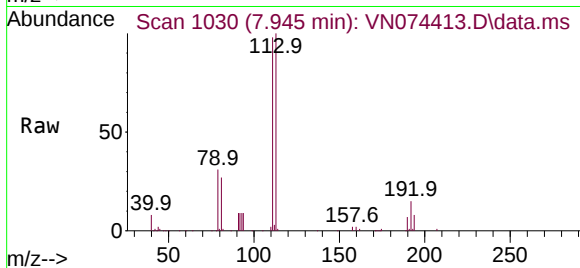
Tgt Ion:113 Resp: 183450

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 17.0 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.678 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.147 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

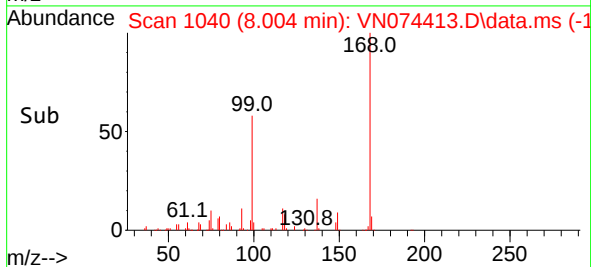
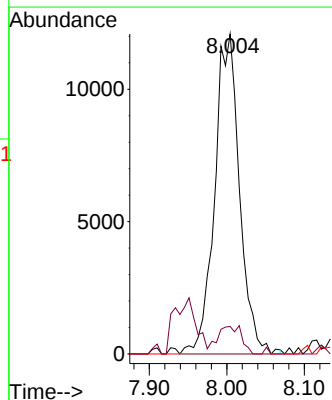
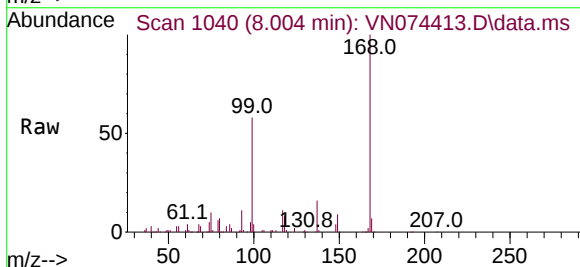
Tgt Ion: 75 Resp: 26968

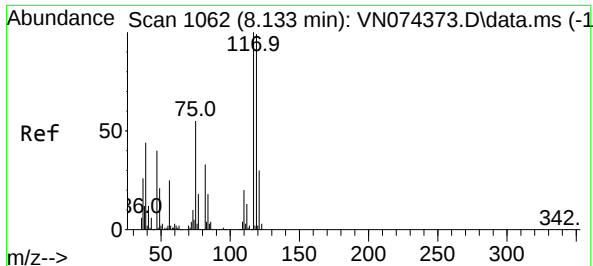
Ion Ratio Lower Upper

75 100

110 8.4 16.4 49.1#

77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.167 ug/l

RT: 8.004 min Scan# 110

Delta R.T. -0.129 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

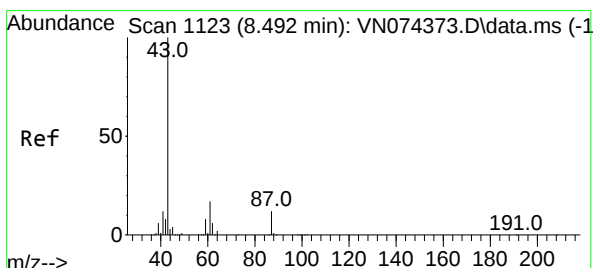
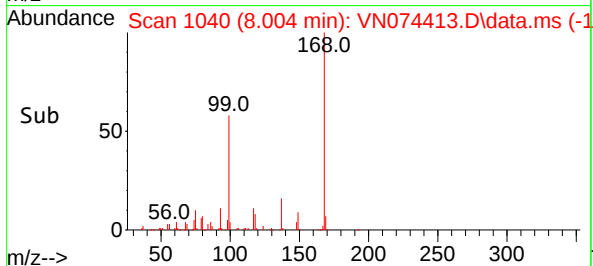
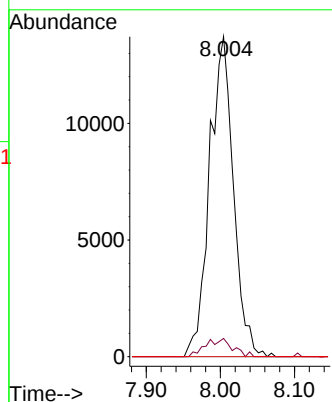
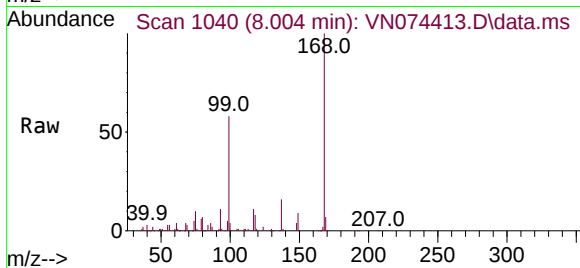
Tgt Ion:117 Resp: 30754

Ion Ratio Lower Upper

117 100

119 5.7 78.8 118.2#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: 1.477 ug/l

RT: 8.592 min Scan# 1140

Delta R.T. 0.100 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

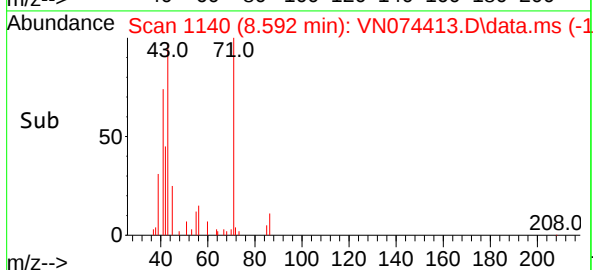
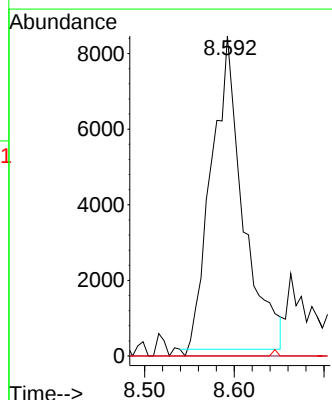
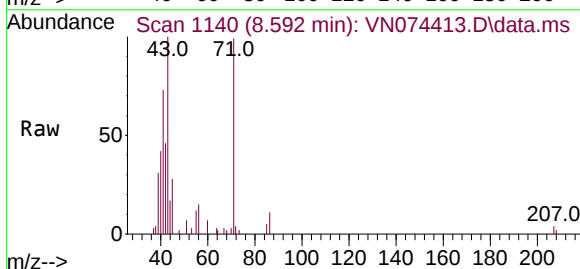
Tgt Ion: 43 Resp: 20197

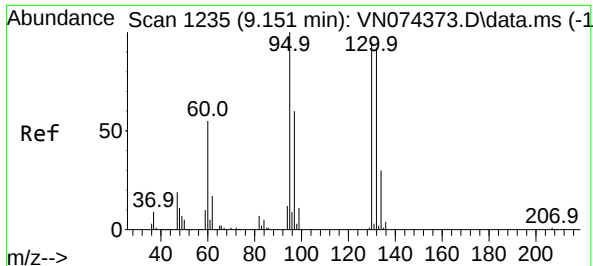
Ion Ratio Lower Upper

43 100

61 0.0 18.6 27.8#

87 0.0 9.4 14.2#

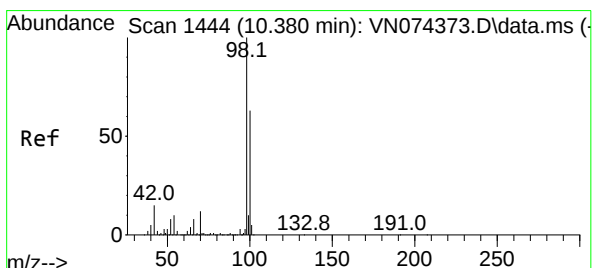
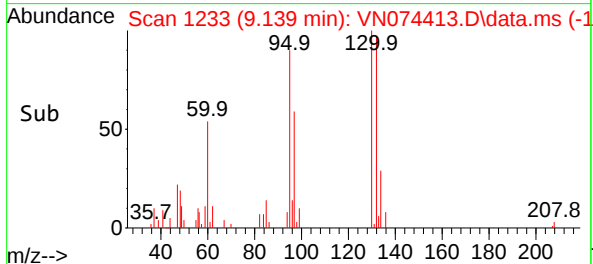
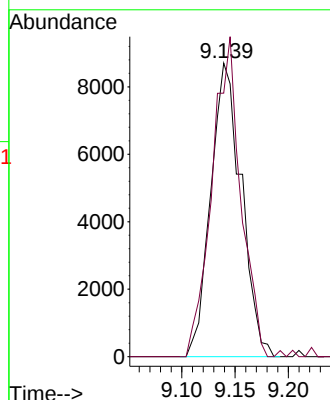
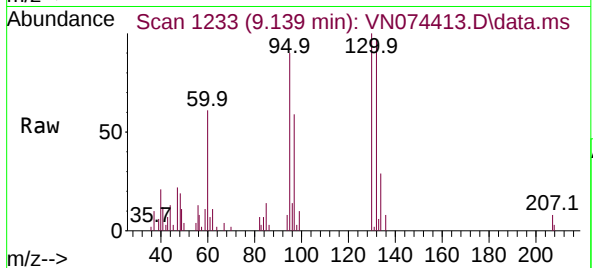




#44
Trichloroethene
Concen: 4.391 ug/l
RT: 9.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

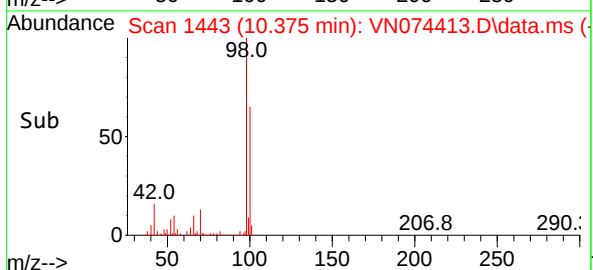
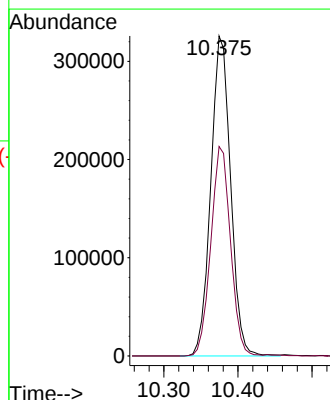
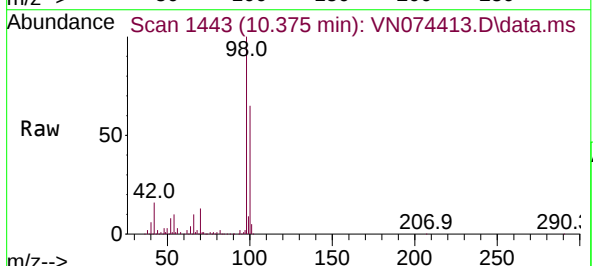
Instrument :
MSVOA_N
ClientSampleId :
IBLK

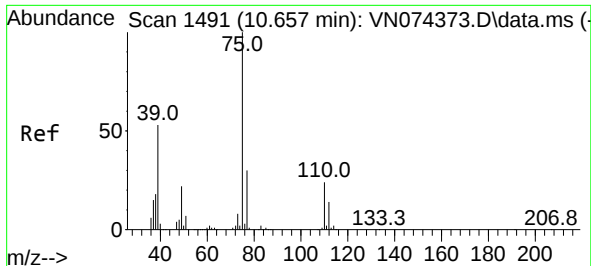
Tgt Ion:130 Resp: 17376
Ion Ratio Lower Upper
130 100
95 89.8 0.0 210.0



#50
Toluene-d8
Concen: 44.284 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 98 Resp: 603813
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

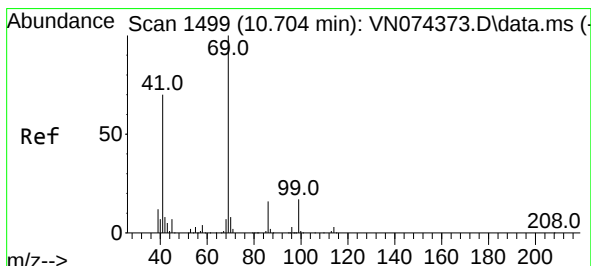
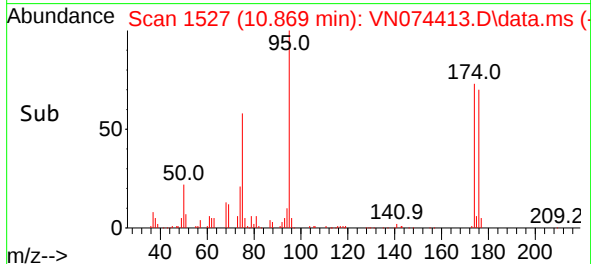
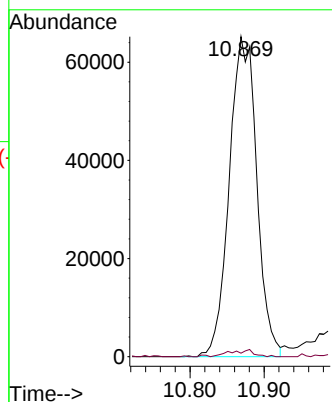
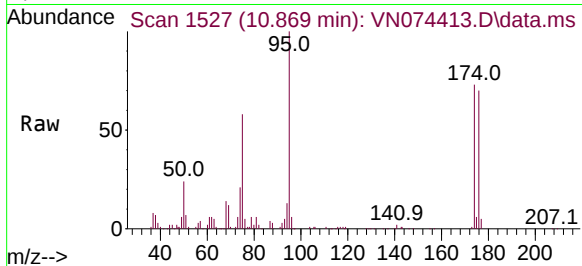




#53
t-1,3-Dichloropropene
Concen: 23.808 ug/l
RT: 10.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

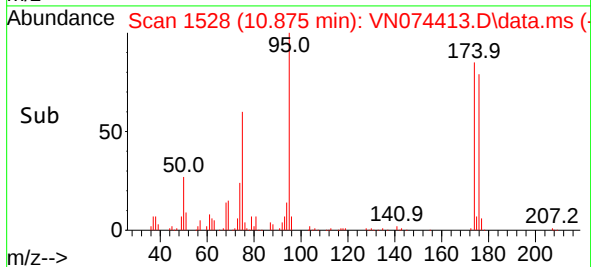
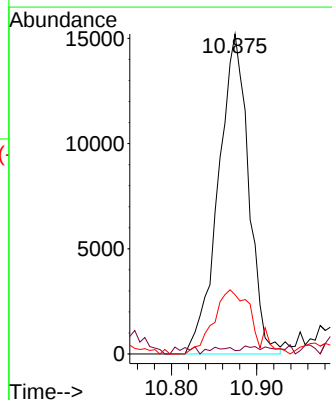
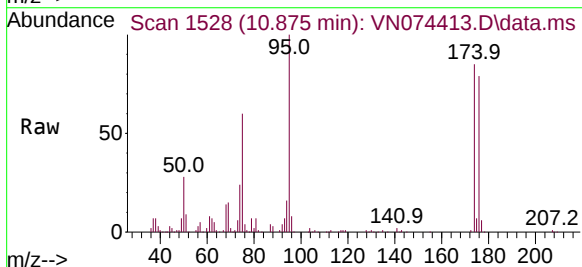
Instrument :
MSVOA_N
ClientSampleId :
IBLK

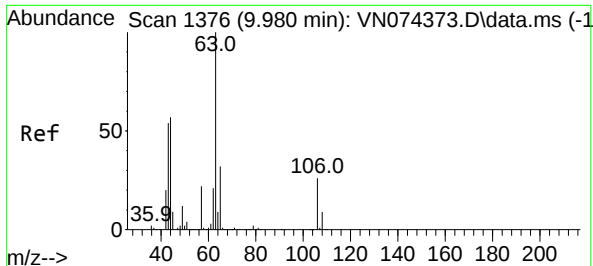
Tgt Ion: 75 Resp: 167951
Ion Ratio Lower Upper
75 100
77 1.1 23.9 35.9#



#56
Ethyl methacrylate
Concen: 4.913 ug/l
RT: 10.875 min Scan# 1528
Delta R.T. 0.171 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 69 Resp: 37563
Ion Ratio Lower Upper
69 100
41 0.6 56.6 85.0#
39 23.2 37.4 56.2#

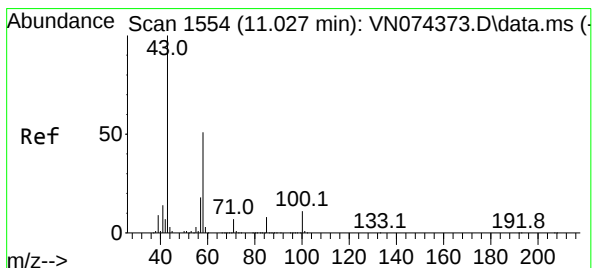
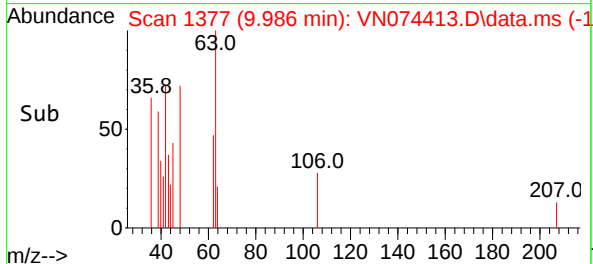
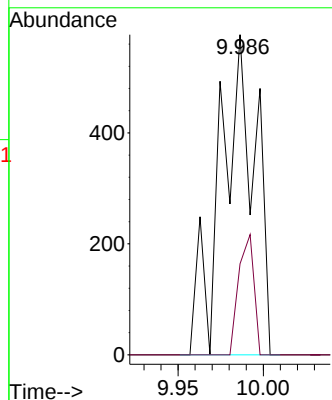
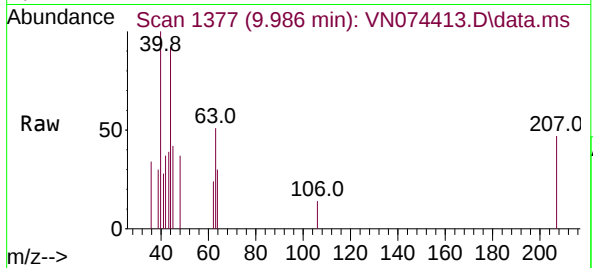




#58
2-Chloroethyl Vinyl ether
Concen: 0.231 ug/l
RT: 9.986 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

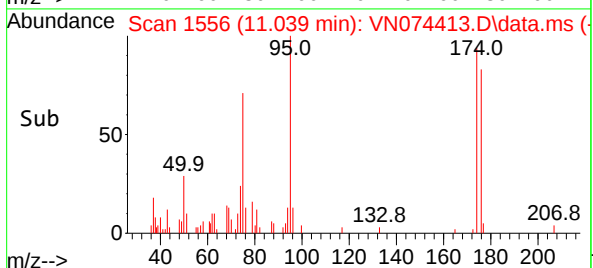
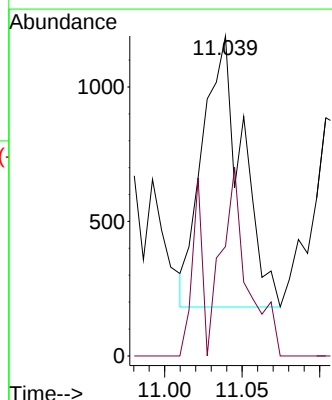
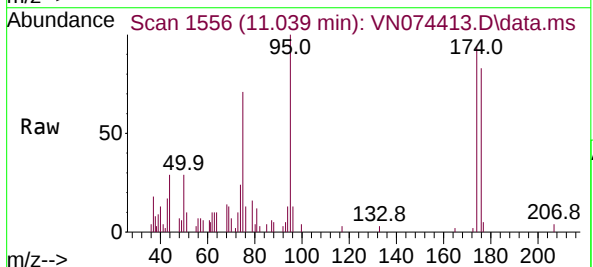
Instrument :
MSVOA_N
ClientSampleId :
IBLK

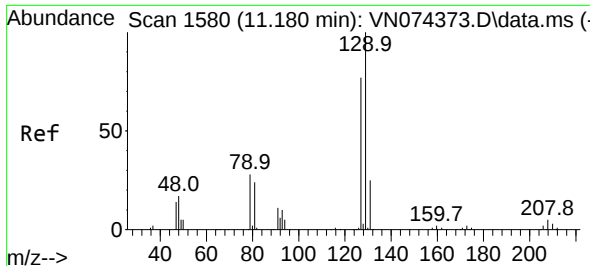
Tgt Ion: 63 Resp: 820
Ion Ratio Lower Upper
63 100
106 16.3 21.1 31.7#



#59
2-Hexanone
Concen: 0.262 ug/l
RT: 11.039 min Scan# 1556
Delta R.T. 0.012 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
58 45.3 25.8 77.3

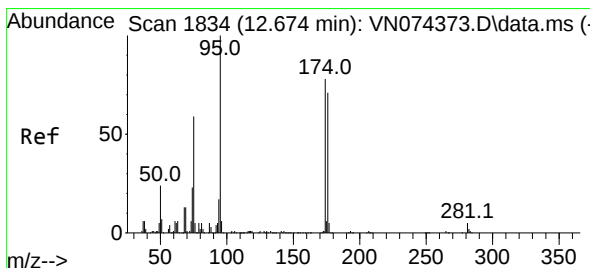
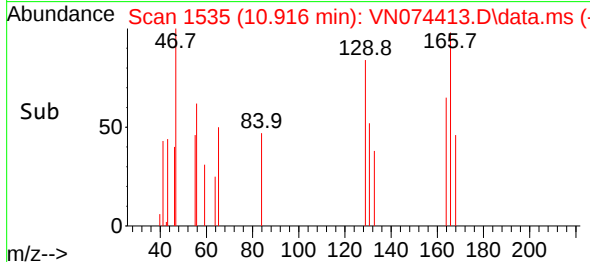
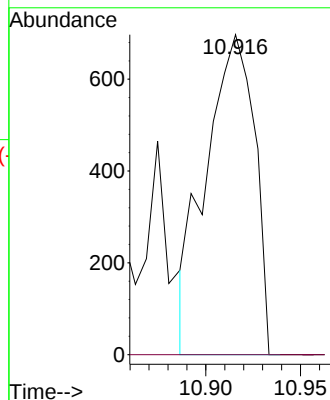
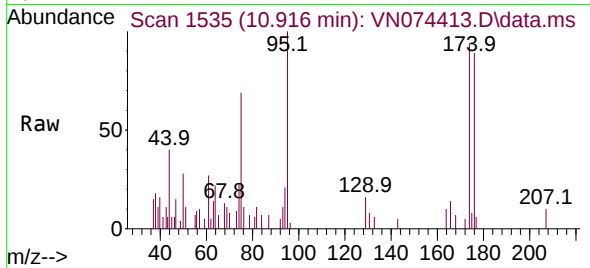




#60
Dibromochloromethane
Concen: 0.273 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

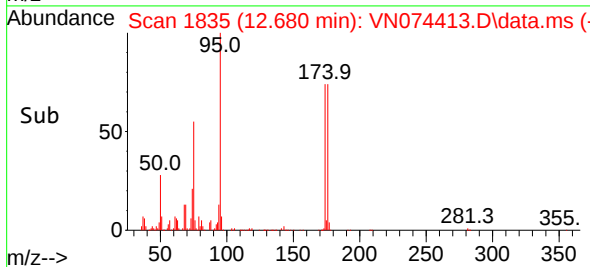
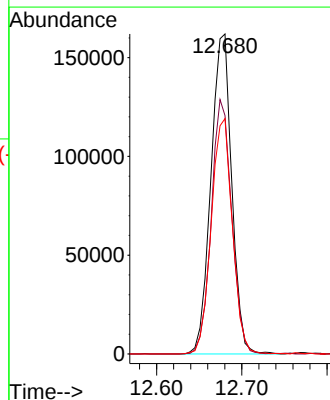
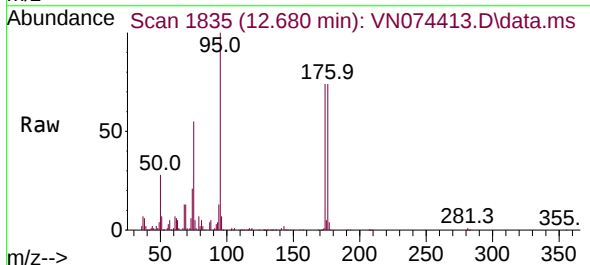
Instrument :
MSVOA_N
ClientSampleId :
IBLK

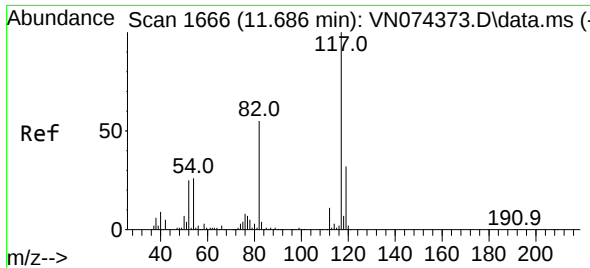
Tgt Ion:129 Resp: 1243
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#



#62
4-Bromofluorobenzene
Concen: 55.459 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 95 Resp: 274545
Ion Ratio Lower Upper
95 100
174 78.0 0.0 150.6
176 74.8 0.0 143.4

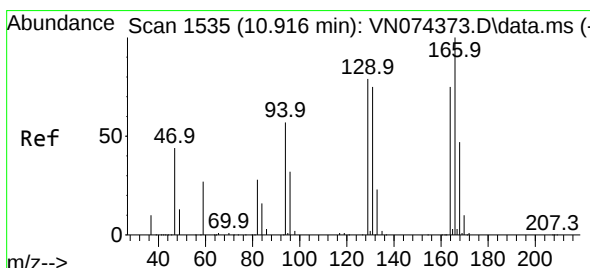
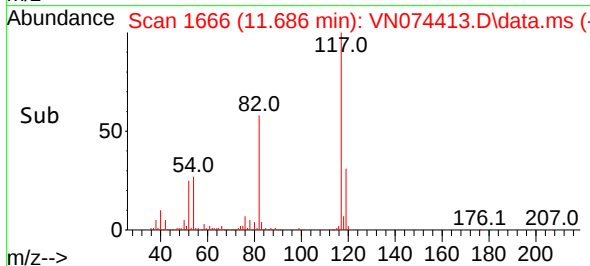
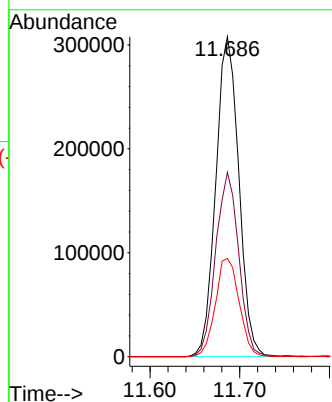
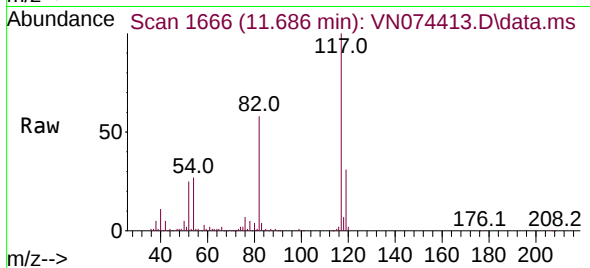




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

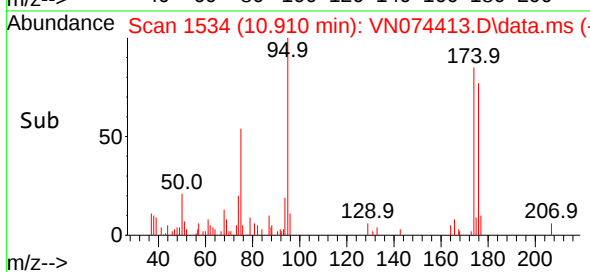
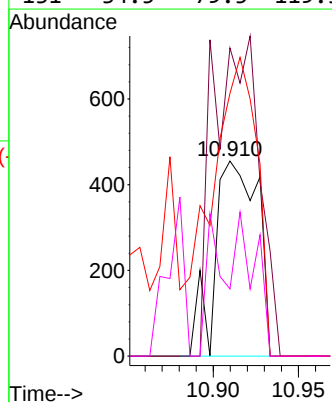
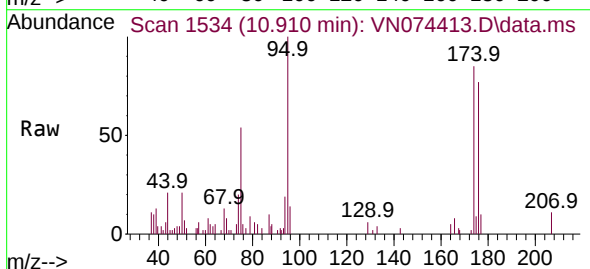
Instrument :
MSVOA_N
ClientSampleId :
IBLK

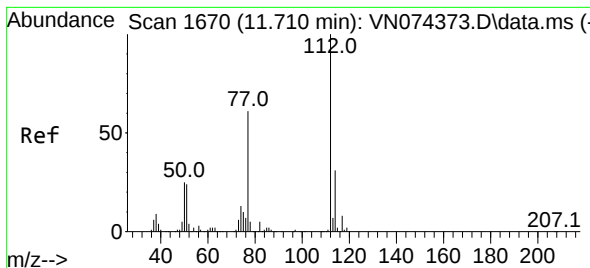
Tgt Ion:117 Resp: 549510
Ion Ratio Lower Upper
117 100
82 57.7 44.3 66.5
119 30.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.215 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion:164 Resp: 801
Ion Ratio Lower Upper
164 100
166 158.0 106.6 160.0
129 134.7 84.0 126.0#
131 34.5 79.5 119.3#

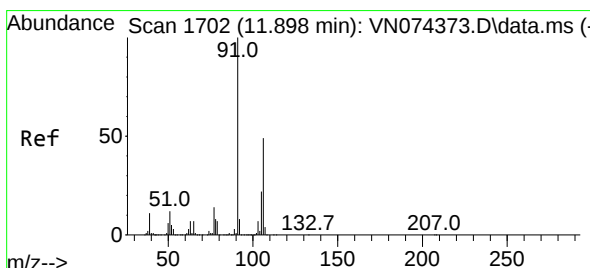
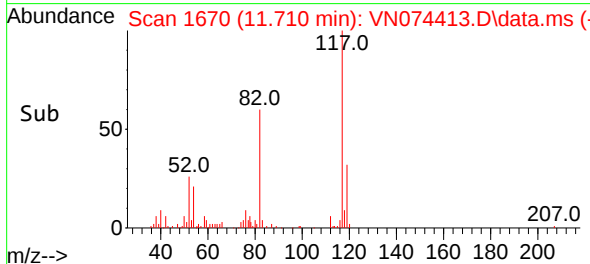
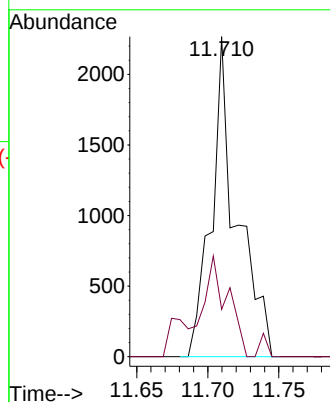
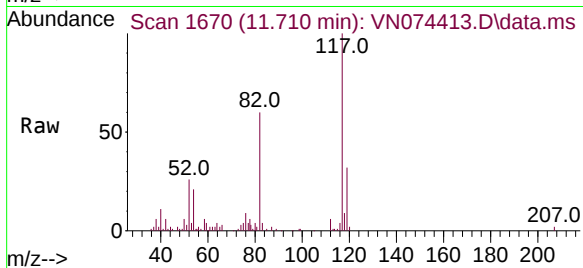




#65
Chlorobenzene
Concen: 0.210 ug/l
RT: 11.710 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

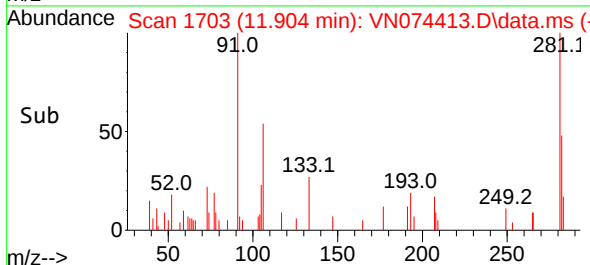
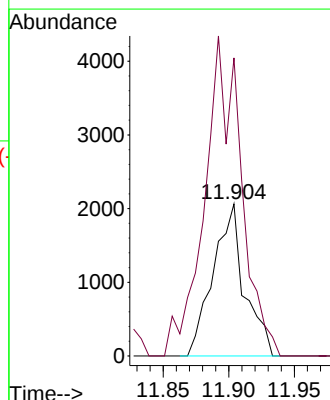
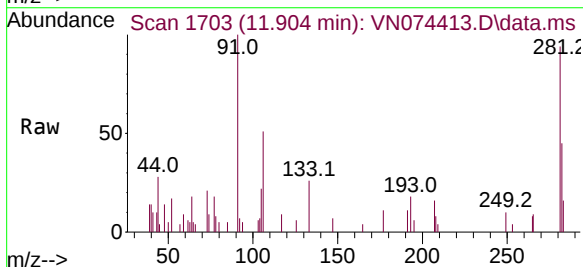
Instrument :
MSVOA_N
ClientSampleId :
IBLK

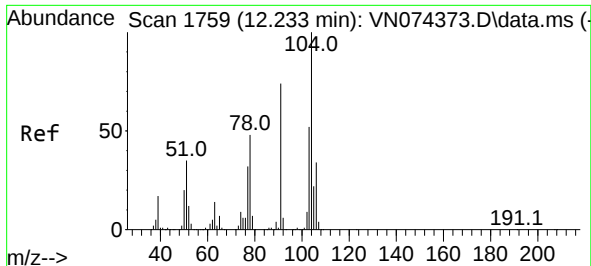
Tgt Ion:112 Resp: 2788
Ion Ratio Lower Upper
112 100
114 14.8 25.1 37.7#



#68
m/p-Xylenes
Concen: 0.365 ug/l
RT: 11.904 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion:106 Resp: 3431
Ion Ratio Lower Upper
106 100
91 245.6 167.7 251.5

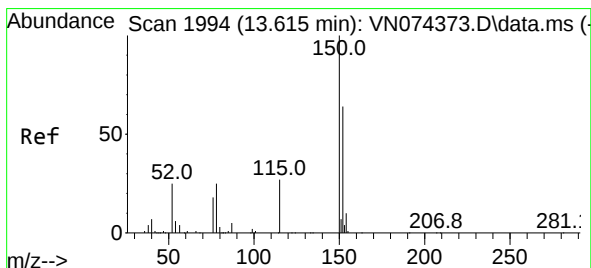
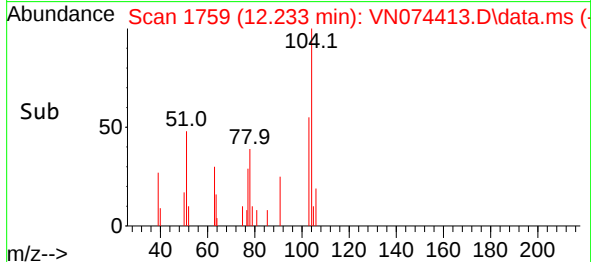
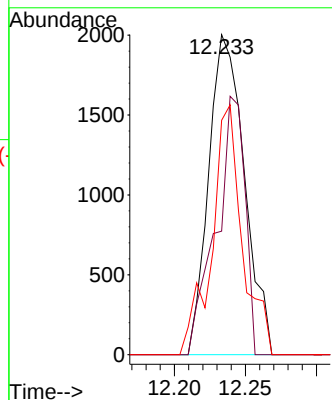
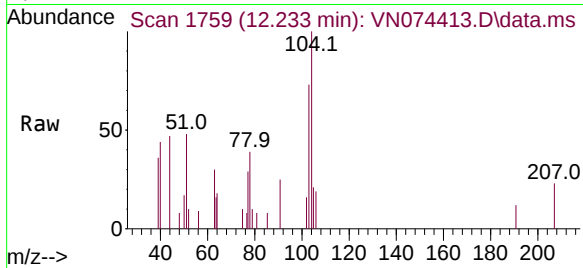




#70
Styrene
Concen: 0.233 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

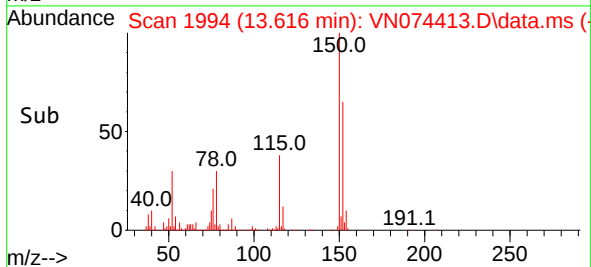
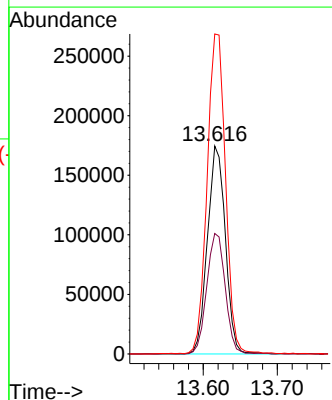
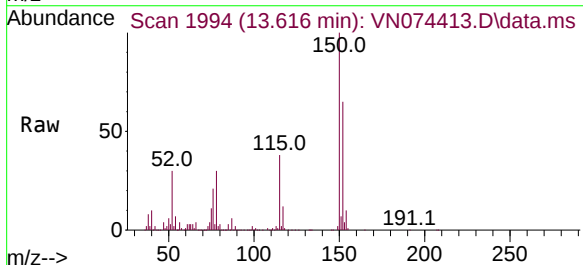
Instrument :
MSVOA_N
ClientSampleId :
IBLK

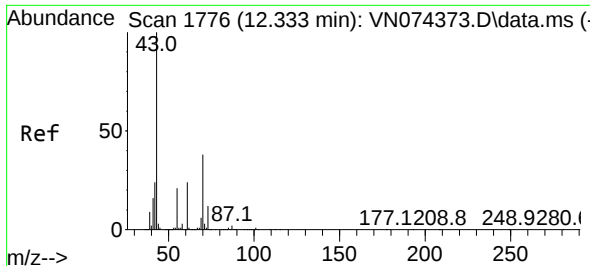
Tgt Ion:104 Resp: 3508
Ion Ratio Lower Upper
104 100
78 65.0 41.8 62.6#
103 66.3 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion:152 Resp: 293707
Ion Ratio Lower Upper
152 100
115 59.4 32.0 96.0
150 157.2 0.0 359.6

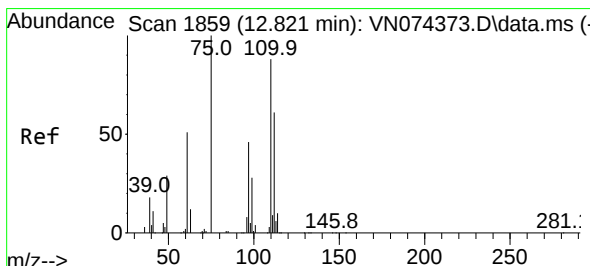
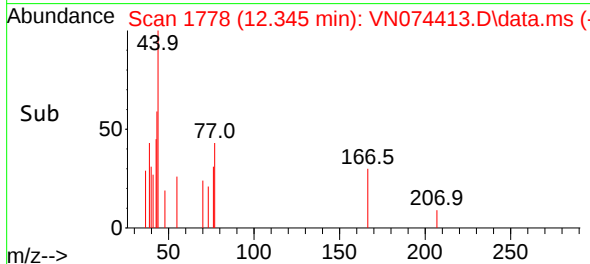
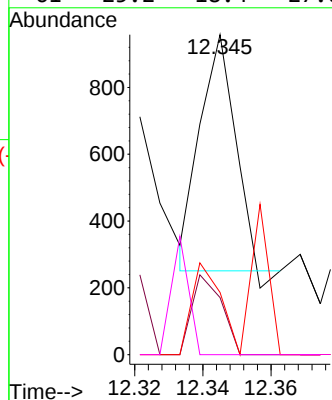
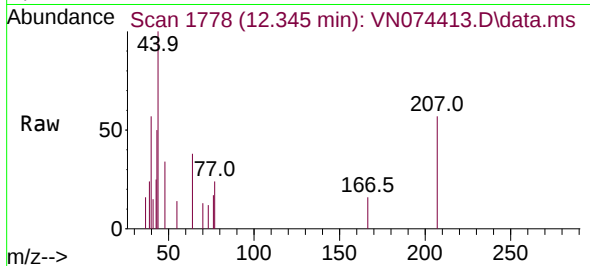




#74
N-amy1 acetate
Concen: Below Cal
RT: 12.345 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

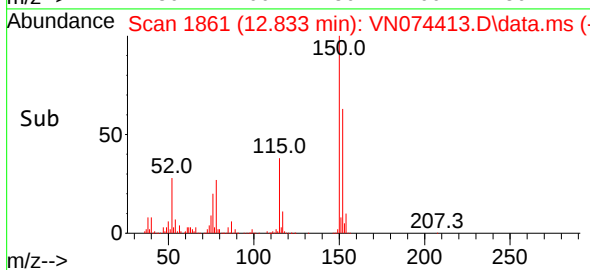
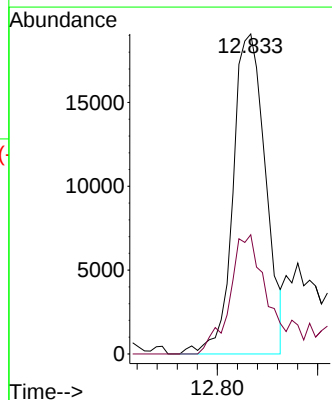
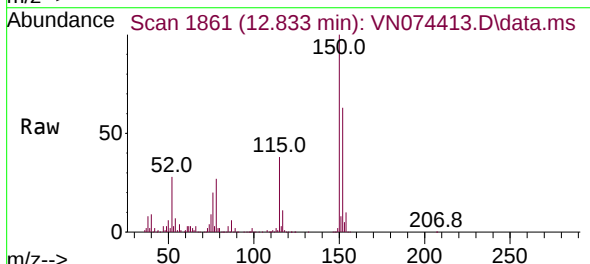
Instrument :
MSVOA_N
ClientSampleId :
IBLK

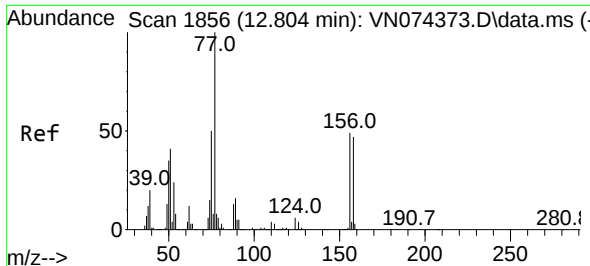
Tgt Ion: 43	Resp: 496
Ion Ratio	Lower Upper
43 100	
70 29.2	31.4 47.0#
55 32.9	17.0 25.6#
61 25.2	18.4 27.6



#76
1,2,3-Trichloropropane
Concen: 5.598 ug/l
RT: 12.833 min Scan# 1861
Delta R.T. 0.012 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 75	Resp: 42979
Ion Ratio	Lower Upper
75 100	
77 41.3	78.9 236.7#

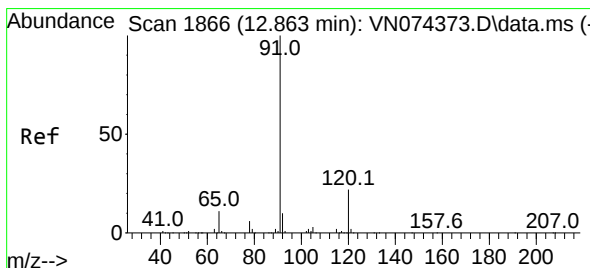
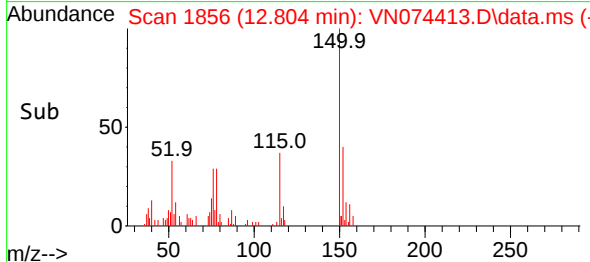
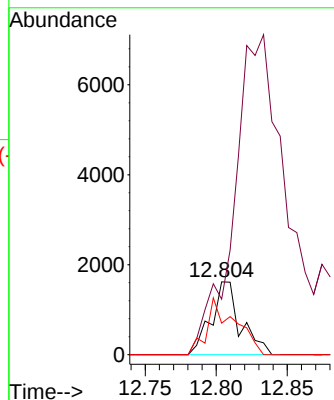
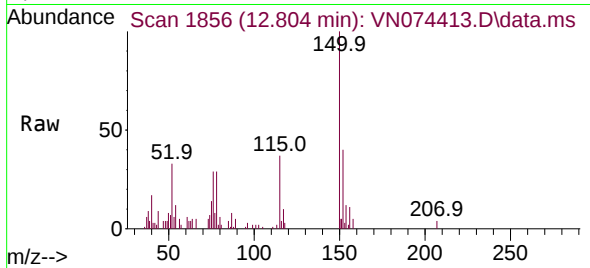




#77
Bromobenzene
Concen: 0.381 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

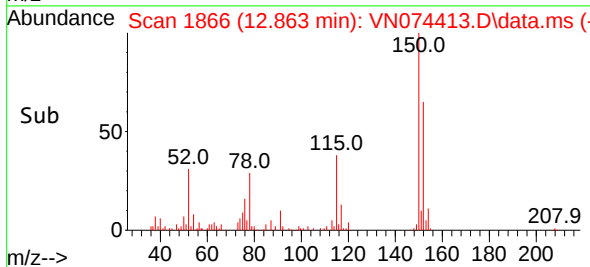
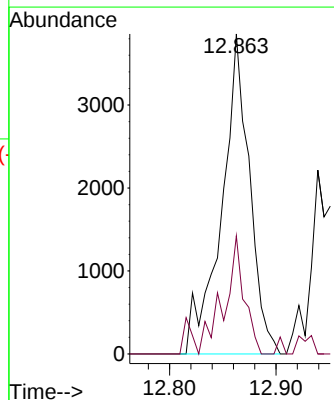
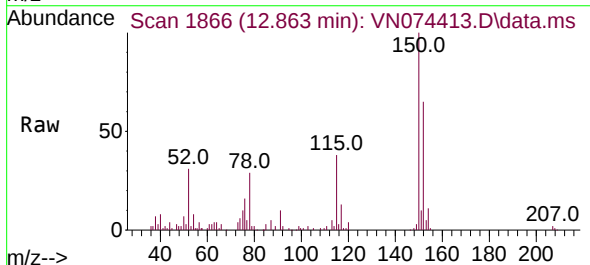
Instrument :
MSVOA_N
ClientSampleId :
IBLK

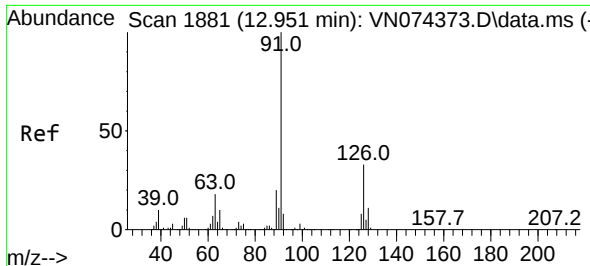
Tgt Ion:156 Resp: 2311
Ion Ratio Lower Upper
156 100
77 0.0 124.4 373.1#
158 76.0 49.2 147.6



#78
n-propylbenzene
Concen: 0.217 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 91 Resp: 7014
Ion Ratio Lower Upper
91 100
120 26.7 11.1 33.1

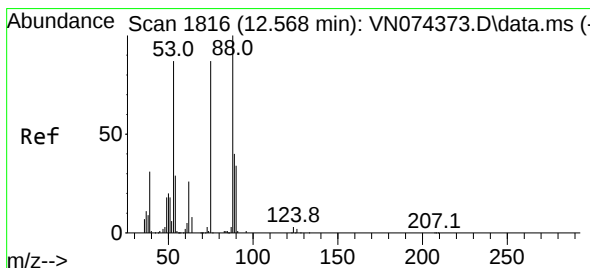
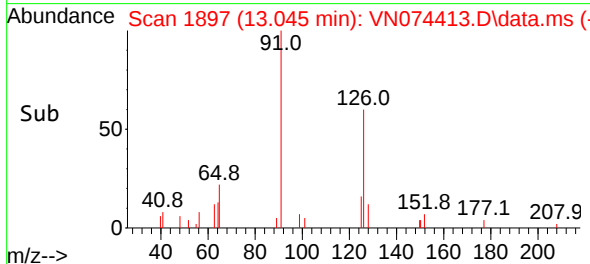
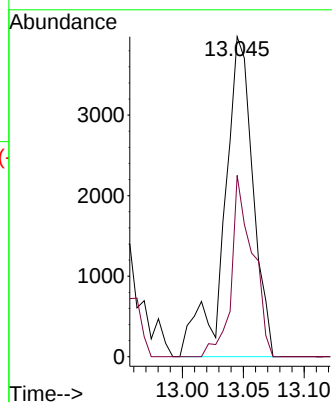
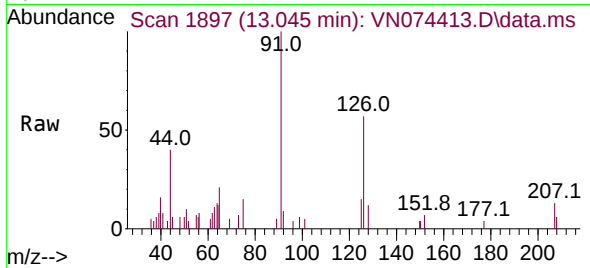




#79
2-Chlorotoluene
Concen: 0.332 ug/l
RT: 13.045 min Scan# 11
Delta R.T. 0.094 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

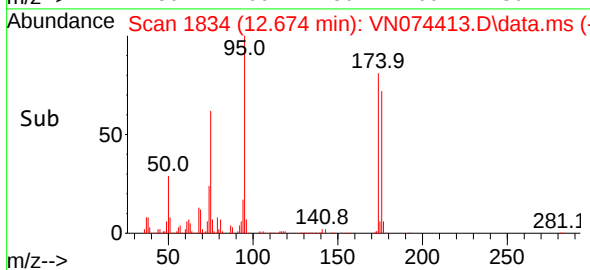
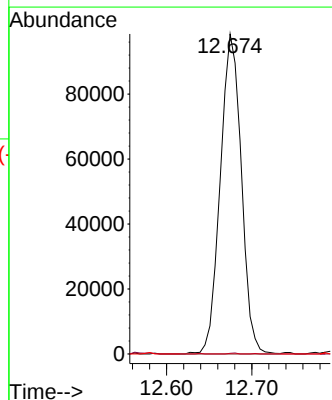
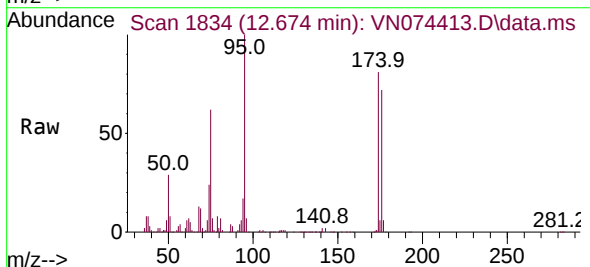
Instrument :
MSVOA_N
ClientSampleId :
IBLK

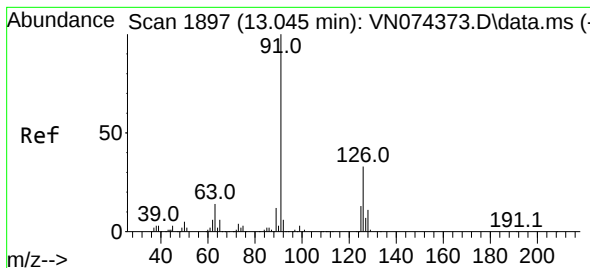
Tgt Ion: 91 Resp: 6537
Ion Ratio Lower Upper
91 100
126 42.3 16.2 48.5



#81
trans-1,4-Dichloro-2-butene
Concen: 49.104 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 75 Resp: 169145
Ion Ratio Lower Upper
75 100
53 0.0 82.2 123.2#
89 0.0 37.7 56.5#





#82

4-Chlorotoluene

Concen: 0.344 ug/l

RT: 13.045 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

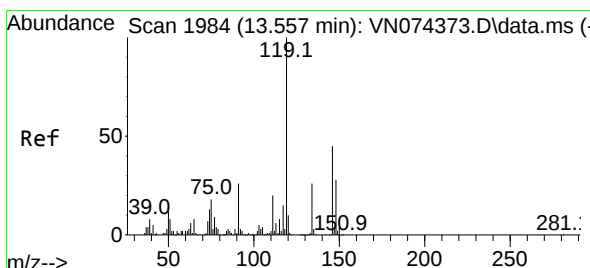
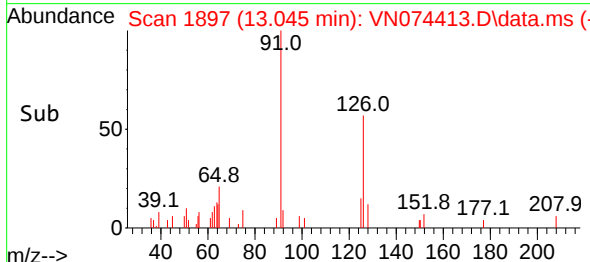
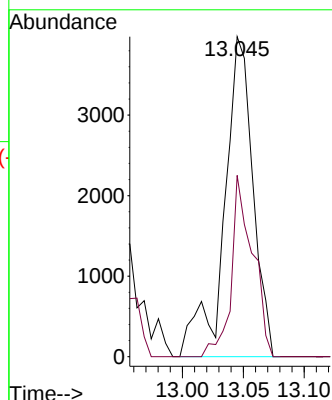
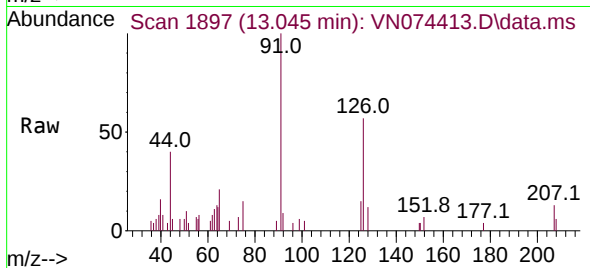
IBLK

Tgt Ion: 91 Resp: 6537

Ion Ratio Lower Upper

91 100

126 42.3 16.4 49.1



#87

1,3-Dichlorobenzene

Concen: 0.479 ug/l

RT: 13.563 min Scan# 1985

Delta R.T. 0.006 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

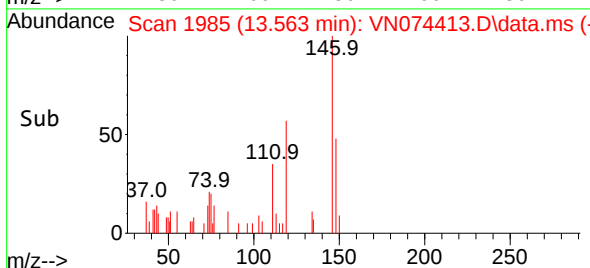
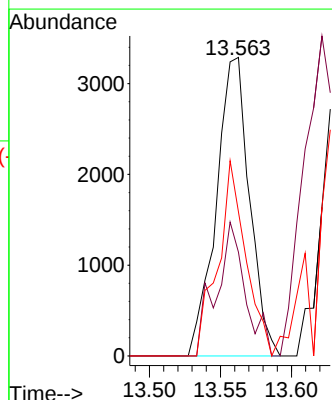
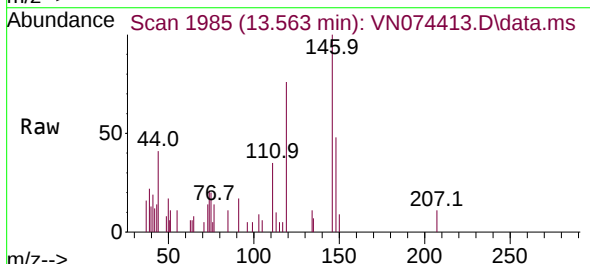
Tgt Ion: 146 Resp: 5369

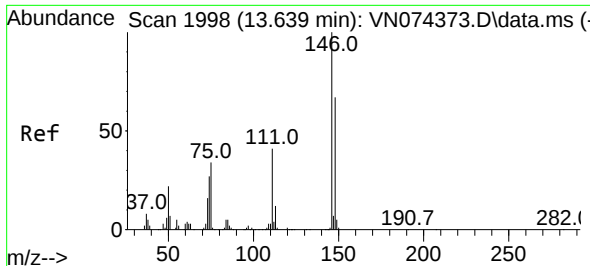
Ion Ratio Lower Upper

146 100

111 39.6 21.5 64.5

148 54.7 32.0 96.0

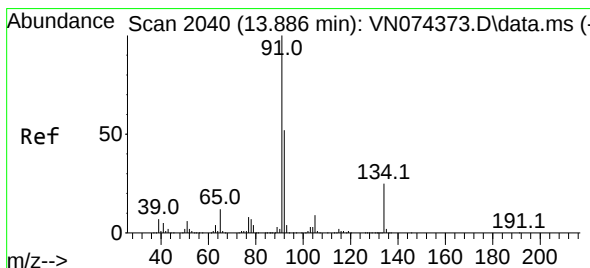
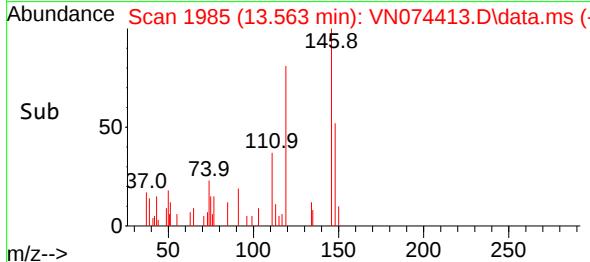
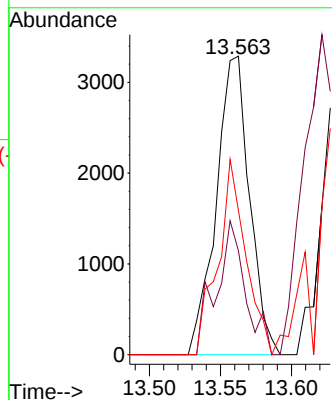
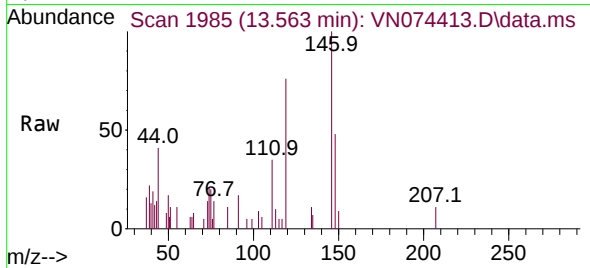




#88
1,4-Dichlorobenzene
Concen: 0.475 ug/l
RT: 13.563 min Scan# 1998
Delta R.T. -0.076 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

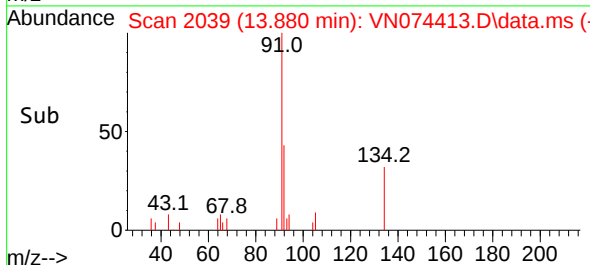
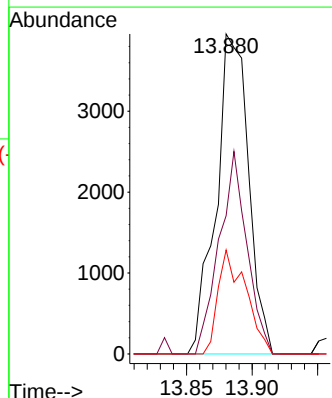
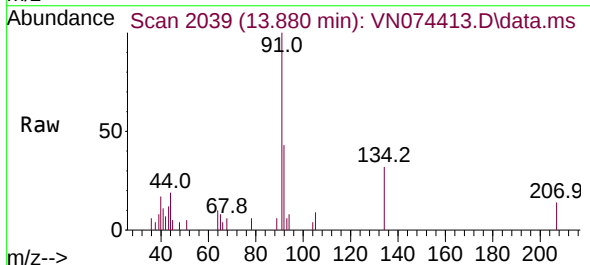
Instrument :
MSVOA_N
ClientSampleId :
IBLK

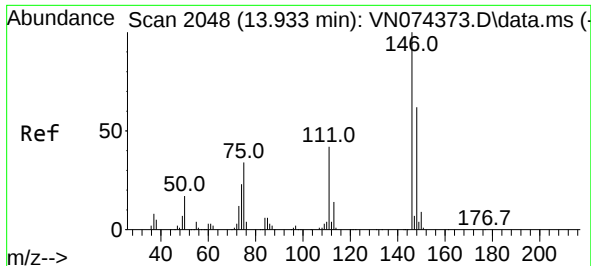
Tgt Ion:146 Resp: 5369
Ion Ratio Lower Upper
146 100
111 39.6 20.8 62.2
148 54.7 32.1 96.5



#89
n-Butylbenzene
Concen: 0.348 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion: 91 Resp: 6802
Ion Ratio Lower Upper
91 100
92 54.2 25.8 77.4
134 27.8 12.4 37.0





#91

1,2-Dichlorobenzene

Concen: 0.237 ug/l

RT: 13.933 min Scan# 2048

Delta R.T. 0.000 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

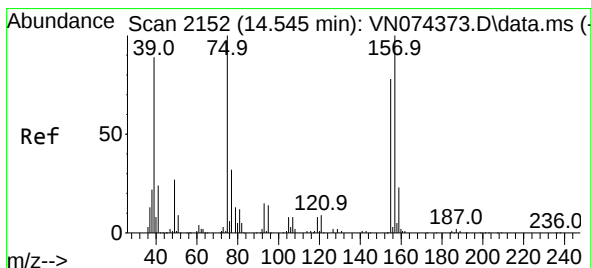
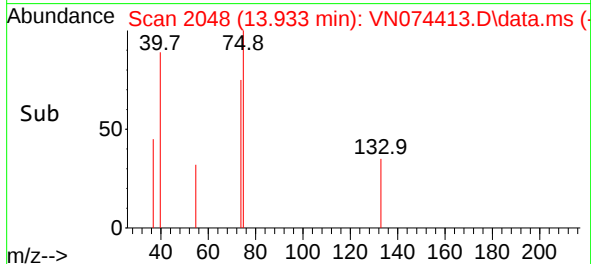
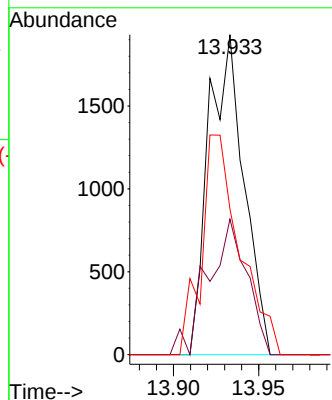
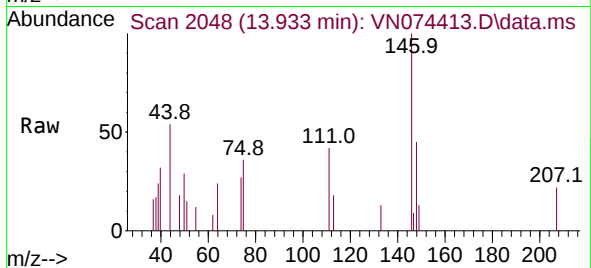
Tgt Ion:146 Resp: 2788

Ion Ratio Lower Upper

146 100

111 46.9 21.9 65.7

148 74.5 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN074413.D

Acq: 12 Sep 2022 15:54

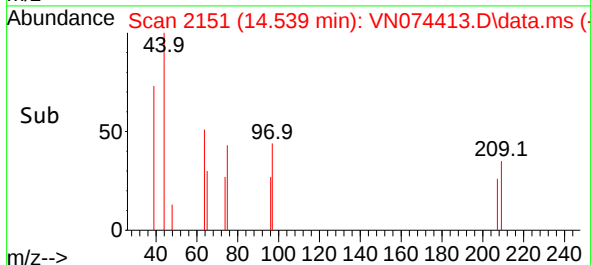
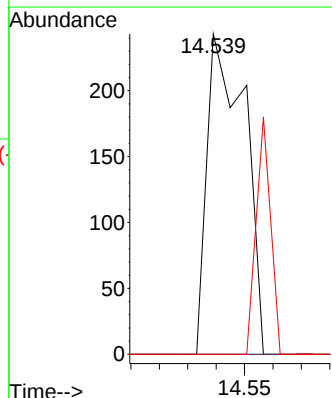
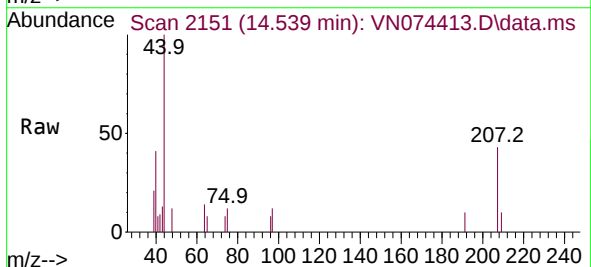
Tgt Ion: 75 Resp: 224

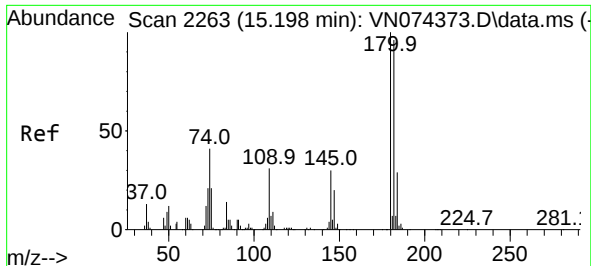
Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

157 28.1 46.2 138.5#

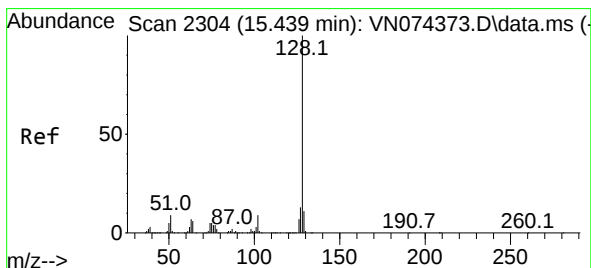
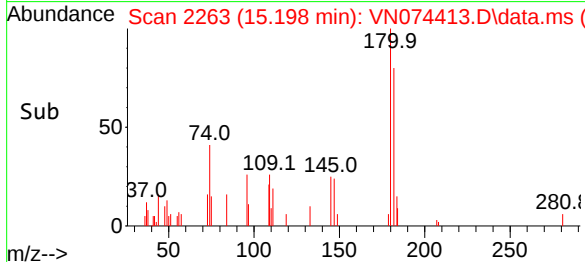
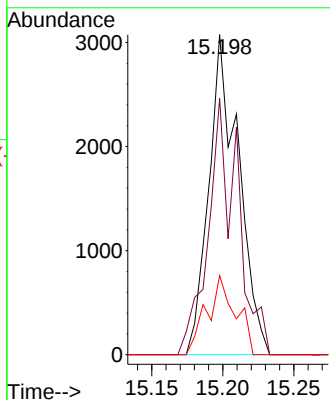
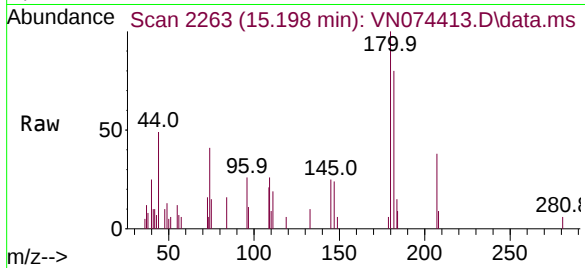




#93
1,2,4-Trichlorobenzene
Concen: 0.762 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

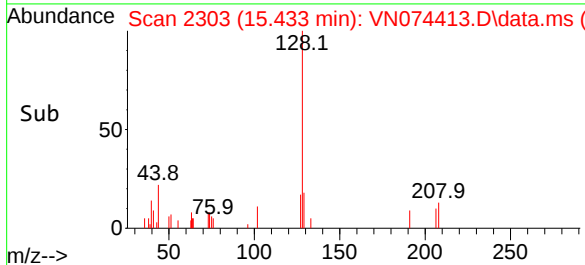
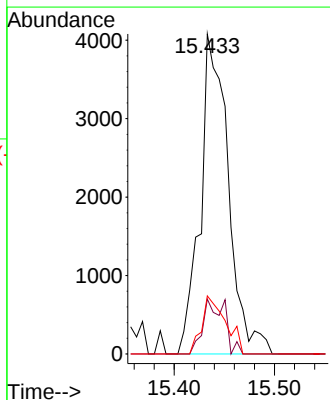
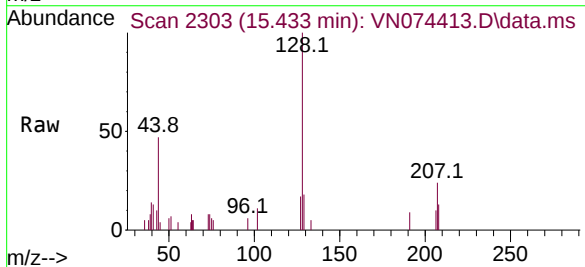
Instrument :
MSVOA_N
ClientSampleId :
IBLK

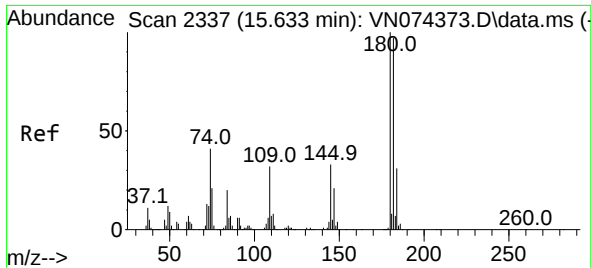
Tgt Ion	Ratio	Lower	Upper
180	100		
182	79.3	47.4	142.2
145	24.0	16.1	48.2



#95
Naphthalene
Concen: 0.344 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN074413.D
Acq: 12 Sep 2022 15:54

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	15.4	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.385 ug/l
 RT: 15.639 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074413.D
 Acq: 12 Sep 2022 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	2337
Ion	Ratio	Lower	Upper
180	100		
182	107.9	47.6	142.8
145	38.0	17.3	52.0

