

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074915.D
 Acq On : 17 Oct 2022 13:49
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 17 16:11:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	453641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	763666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	786267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	502148	41.964	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.920%
35) Dibromofluoromethane	8.177	113	397817	46.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	10.571	98	1670519	46.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.853	95	408543	39.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.000%#

Target Compounds				Qvalue		
3) Chloromethane	2.383	50	6624	Below Cal	#	80
5) Bromomethane	2.948	94	6180	Below Cal		97
11) Tert butyl alcohol	5.571	59	712	0.273	ug/l #	73
13) Acrolein	4.200	56	2683	1.046	ug/l #	68
15) Acrylonitrile	5.736	53	2702	0.397	ug/l #	70
16) Acetone	4.477	43	3952	0.702	ug/l #	82
17) Carbon Disulfide	4.724	76	12523	0.651	ug/l	97
18) Methyl Acetate	5.059	43	11633	0.703	ug/l #	70
20) Methylene Chloride	5.300	84	2774	0.268	ug/l #	79
21) trans-1,2-Dichloroethene	5.800	96	2726	0.319	ug/l #	58
23) Vinyl Acetate	6.624	43	6326	0.268	ug/l #	73
25) 2-Butanone	7.512	43	5518	0.589	ug/l #	48
27) cis-1,2-Dichloroethene	7.512	96	2810	0.264	ug/l	53
29) Tetrahydrofuran	7.865	42	3086	0.484	ug/l #	45
31) Cyclohexane	8.235	56	15585	1.007	ug/l #	23
36) 1,1-Dichloropropene	8.388	75	3208	0.285	ug/l #	55
38) Carbon Tetrachloride	8.224	117	48724	4.270	ug/l #	21
42) 1,2-Dichloroethane	8.688	62	3409	0.265	ug/l	100
44) Trichloroethene	9.353	130	1827	0.230	ug/l	96
49) 1,4-Dioxane	9.700	88	606	2.599	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	5891	0.337	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.171	63	1743	9.582	ug/l #	72
59) 2-Hexanone	11.206	43	10711	0.818	ug/l	88
64) Tetrachloroethene	11.106	164	2203	0.379	ug/l #	62
65) Chlorobenzene	11.888	112	6667	0.295	ug/l #	83
67) Ethyl Benzene	11.970	91	8459	0.206	ug/l	95
68) m/p-Xylenes	12.076	106	6057	0.395	ug/l	90
70) Styrene	12.418	104	6034	0.246	ug/l	91
71) Bromoform	12.847	173	3692	0.626	ug/l #	1
74) N-amyl acetate	12.500	43	5674	0.343	ug/l #	83
76) 1,2,3-Trichloropropane	12.847	75	235031	26.494	ug/l #	1
77) Bromobenzene	12.976	156	1663	0.255	ug/l #	48
78) n-propylbenzene	13.035	91	11277	0.325	ug/l	86
79) 2-Chlorotoluene	13.123	91	7182	0.334	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	5270	0.215	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	235031	63.683	ug/l #	9

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

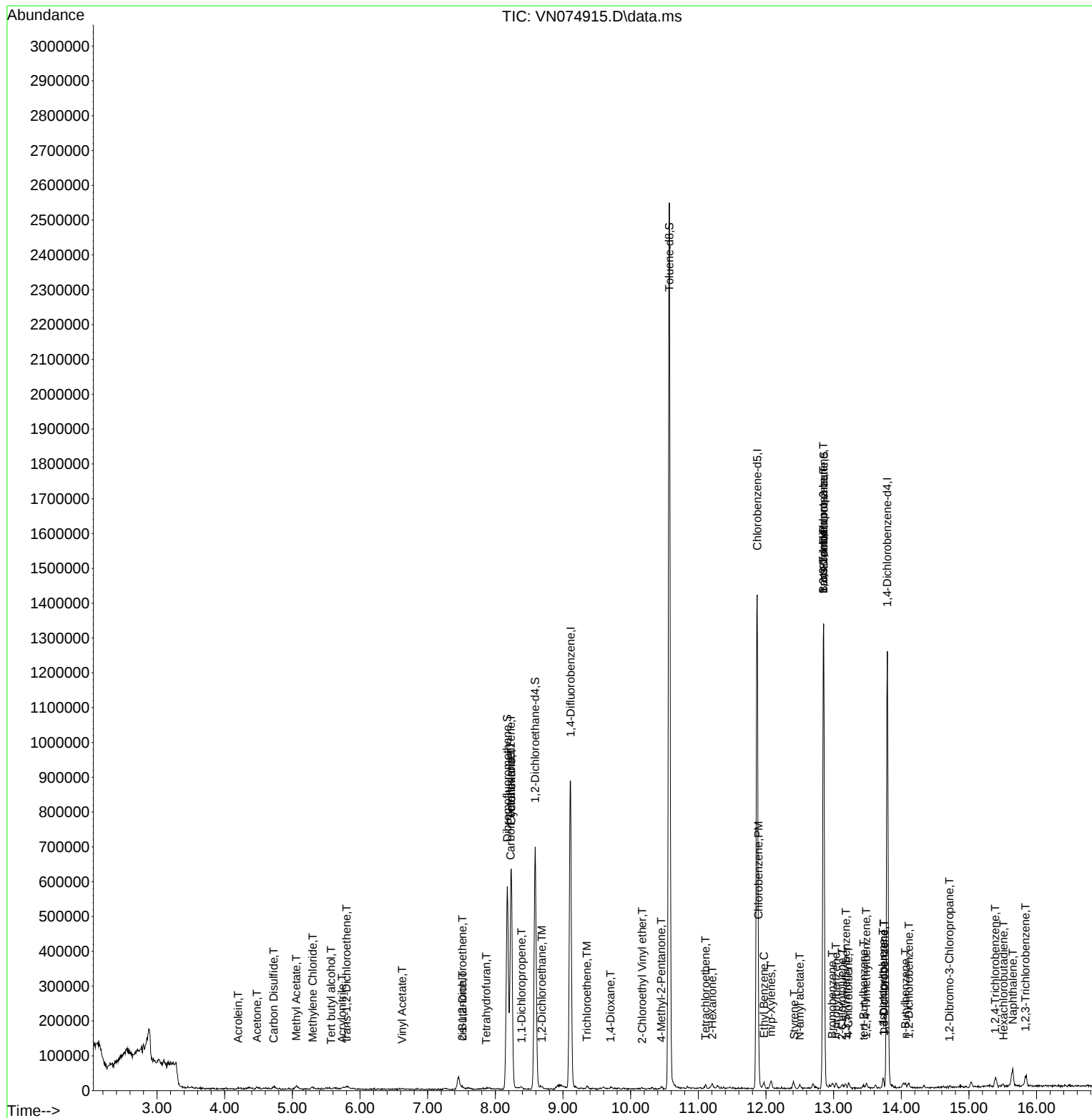
82) 4-Chlorotoluene	13.217	91	9426	0.498	ug/l	100
83) tert-Butylbenzene	13.441	119	5379	0.239	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.482	105	7461	0.317	ug/l	90
86) p-Isopropyltoluene	13.729	119	5152	0.221	ug/l #	83
87) 1,3-Dichlorobenzene	13.741	146	6661	0.617	ug/l	97
88) 1,4-Dichlorobenzene	13.741	146	6661	0.584	ug/l	95
89) n-Butylbenzene	14.059	91	8085	0.416	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	6745	0.626	ug/l	82
92) 1,2-Dibromo-3-Chloropr...	14.711	75	1351	0.728	ug/l	63
93) 1,2,4-Trichlorobenzene	15.388	180	9734	1.929	ug/l	94
94) Hexachlorobutadiene	15.511	225	1679	0.697	ug/l #	48
95) Naphthalene	15.647	128	53874	2.477	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	10200	1.937	ug/l	97

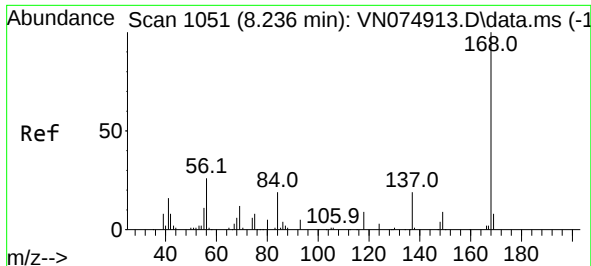
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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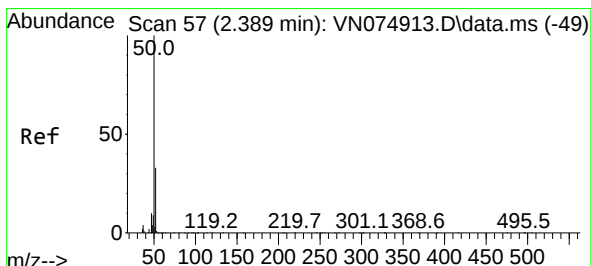
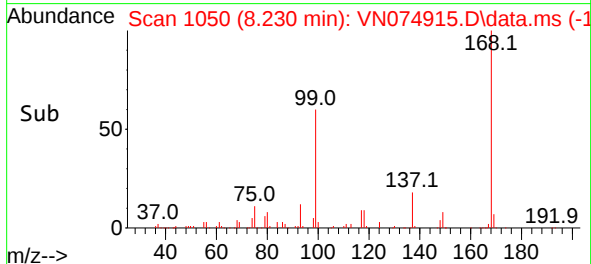
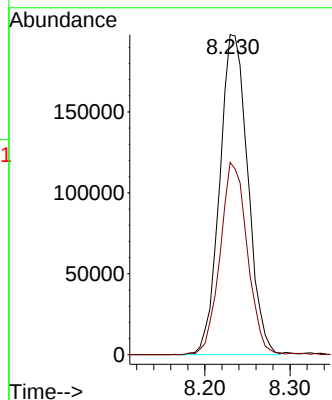
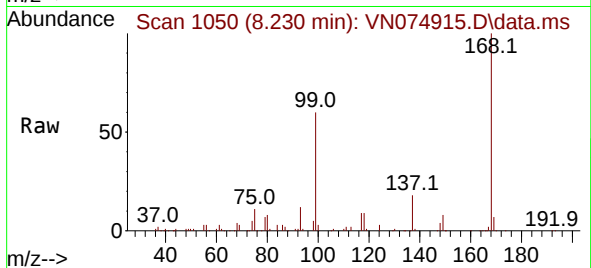




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

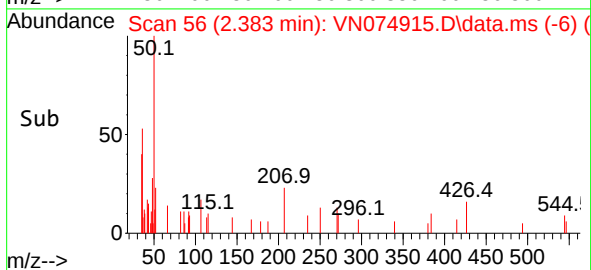
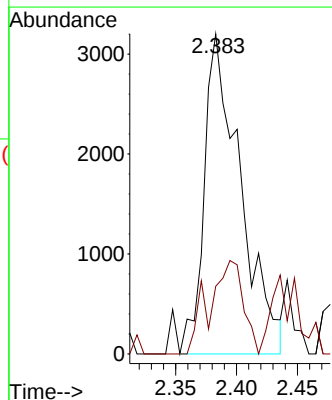
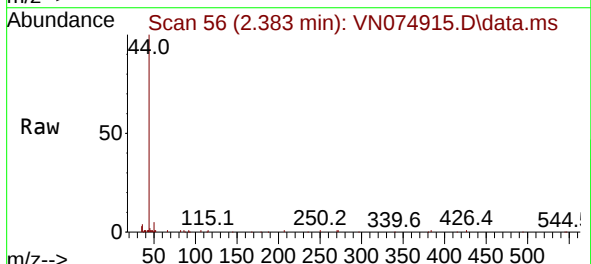
Instrument :
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ClientSampleId :
IBLK

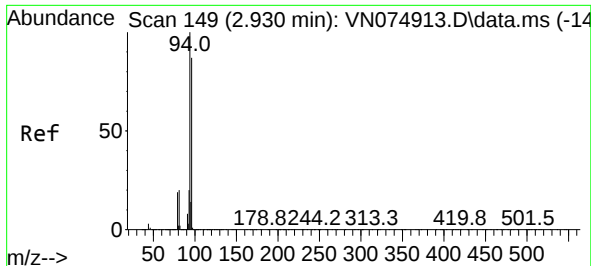
Tgt Ion:168 Resp: 453641
Ion Ratio Lower Upper
168 100
99 60.1 47.6 71.4



#3
Chloromethane
Concen: Below Cal
RT: 2.383 min Scan# 56
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 50 Resp: 6624
Ion Ratio Lower Upper
50 100
52 21.1 26.1 39.1#

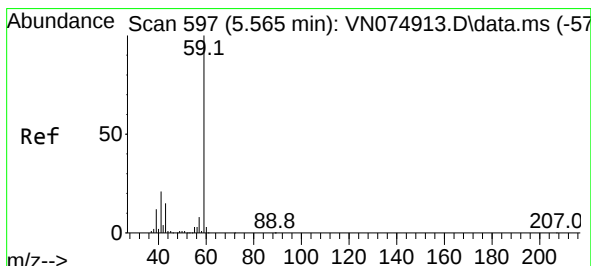
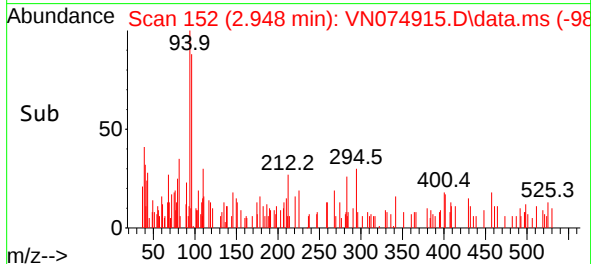
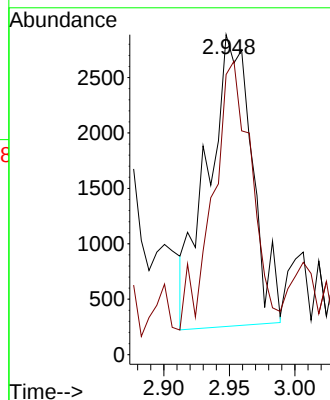
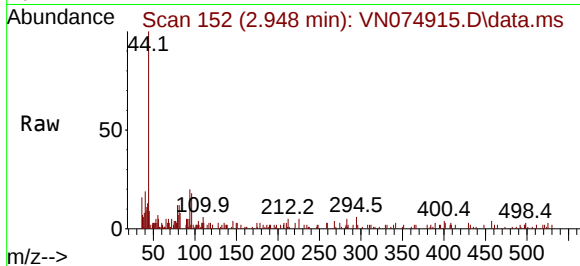




#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

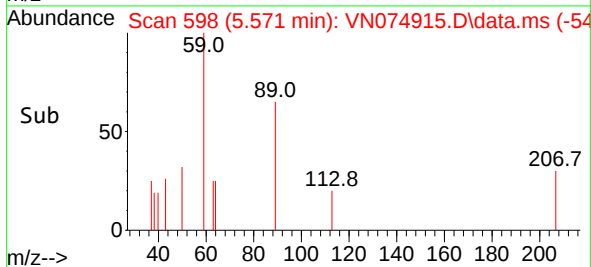
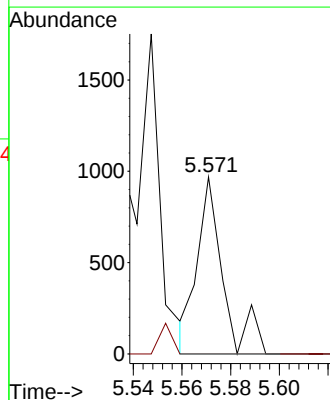
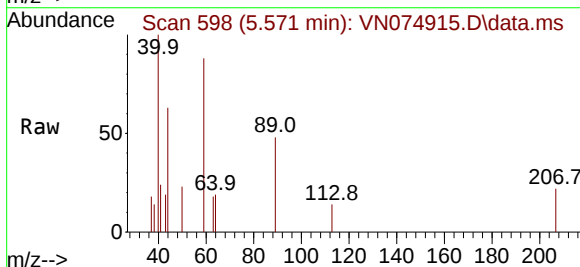
Instrument :
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ClientSampleId :
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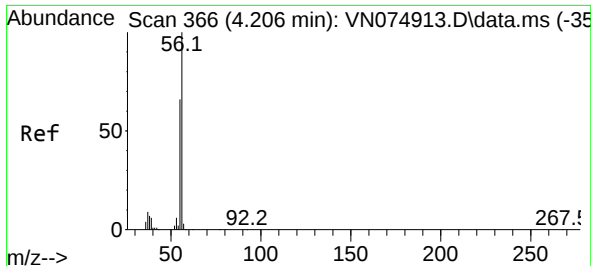
Tgt Ion: 94 Resp: 6180
Ion Ratio Lower Upper
94 100
96 90.6 70.0 105.0



#11
Tert butyl alcohol
Concen: 0.273 ug/l
RT: 5.571 min Scan# 598
Delta R.T. 0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 59 Resp: 712
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

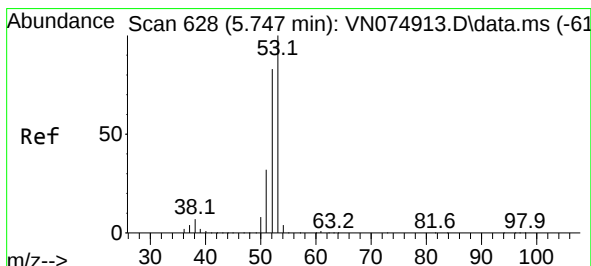
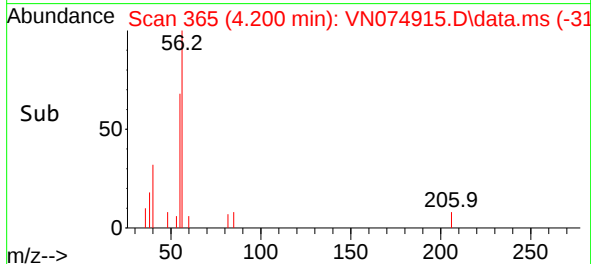
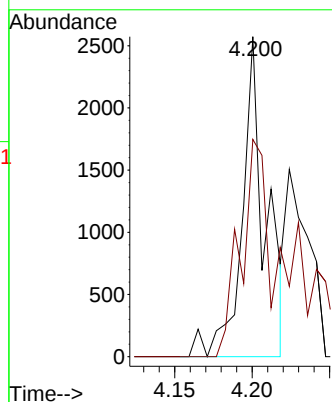
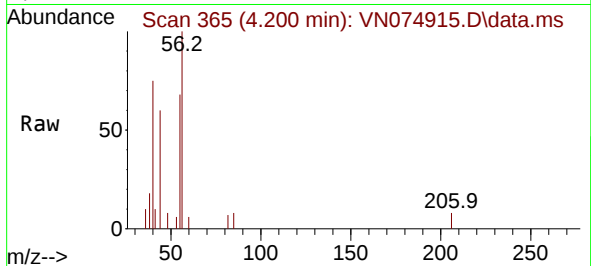




#13
Acrolein
Concen: 1.046 ug/l
RT: 4.200 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

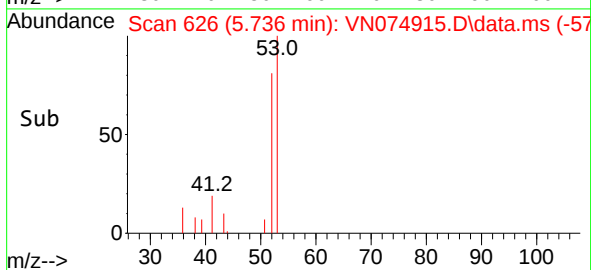
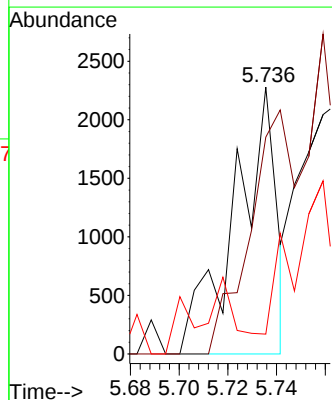
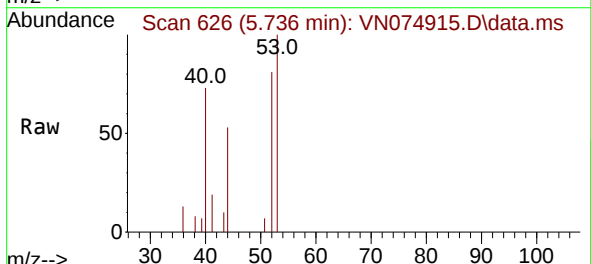
Instrument :
MSVOA_N
ClientSampleId :
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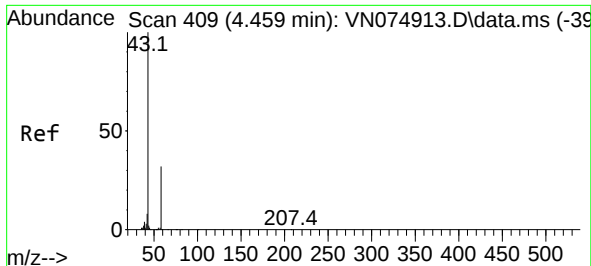
Tgt Ion: 56 Resp: 2683
Ion Ratio Lower Upper
56 100
55 92.5 53.4 80.0#



#15
Acrylonitrile
Concen: 0.397 ug/l
RT: 5.736 min Scan# 626
Delta R.T. -0.012 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 53 Resp: 2702
Ion Ratio Lower Upper
53 100
52 97.3 66.2 99.2
51 0.0 28.5 42.7#

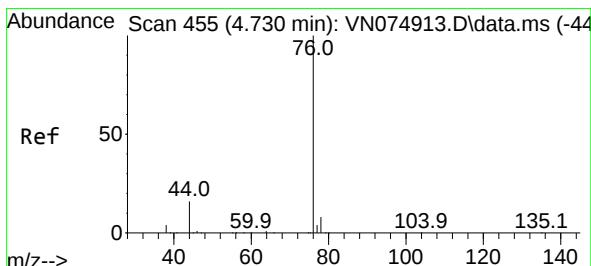
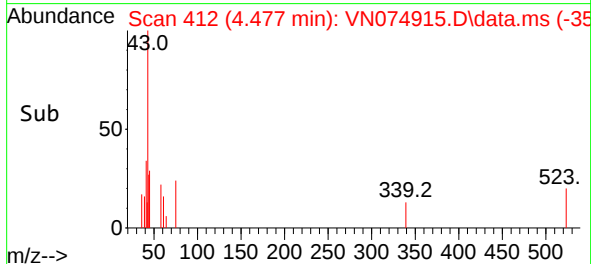
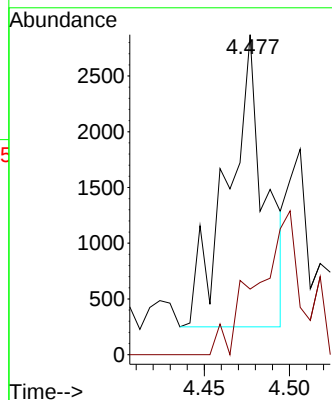
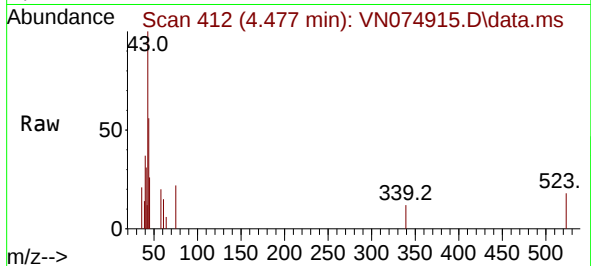




#16
Acetone
Concen: 0.702 ug/l
RT: 4.477 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

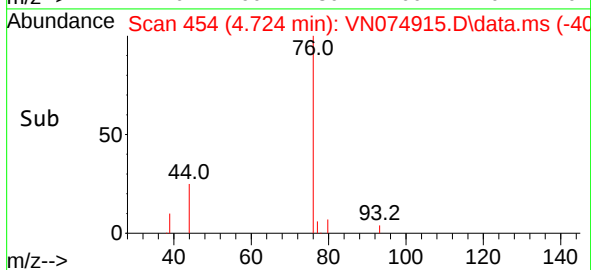
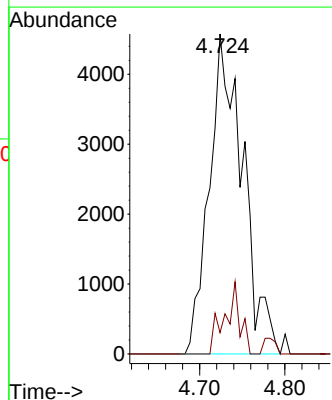
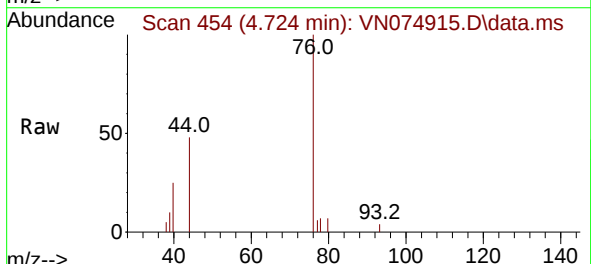
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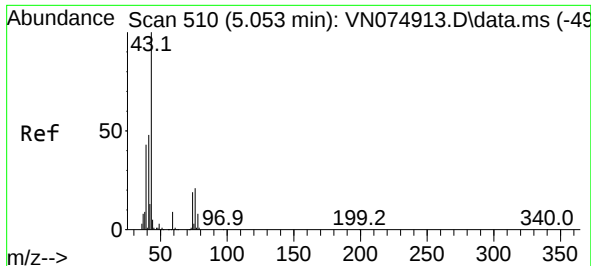
Tgt Ion: 43 Resp: 3952
Ion Ratio Lower Upper
43 100
58 22.4 25.8 38.8#



#17
Carbon Disulfide
Concen: 0.651 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 76 Resp: 12523
Ion Ratio Lower Upper
76 100
78 6.7 6.1 9.1

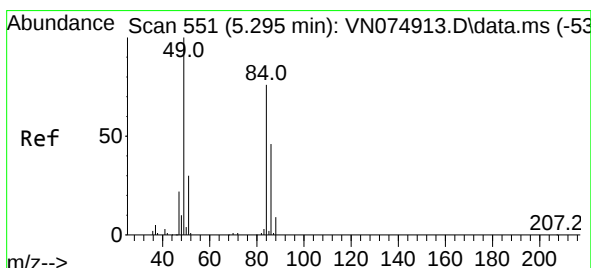
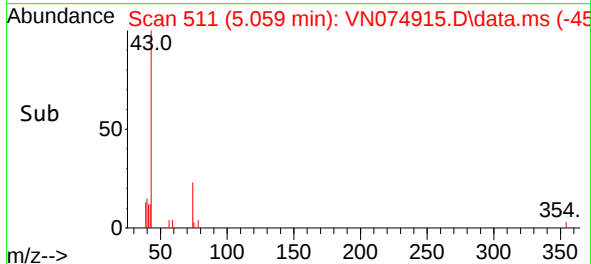
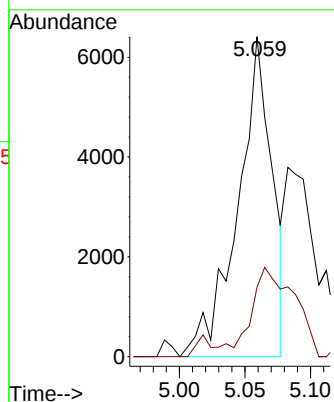
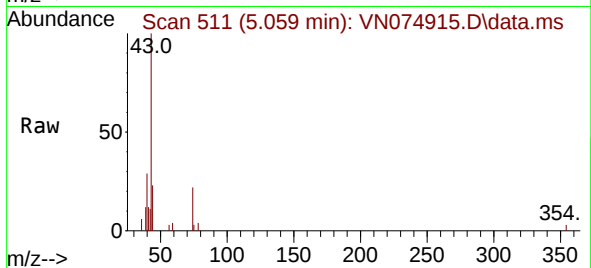




#18
Methyl Acetate
Concen: 0.703 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN074915.D
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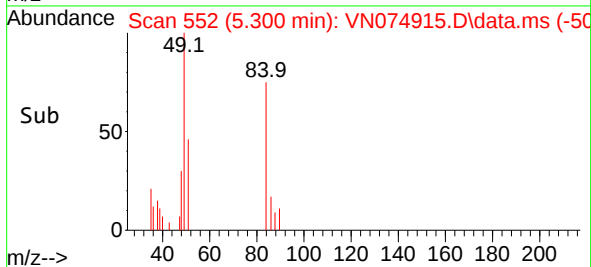
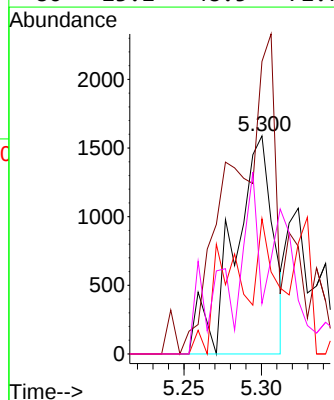
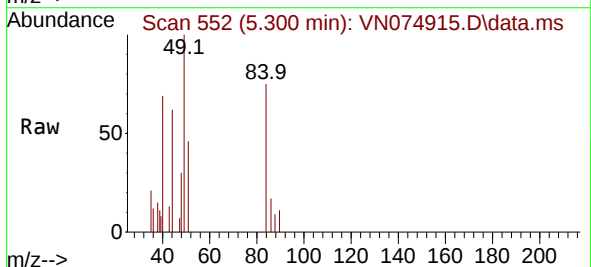
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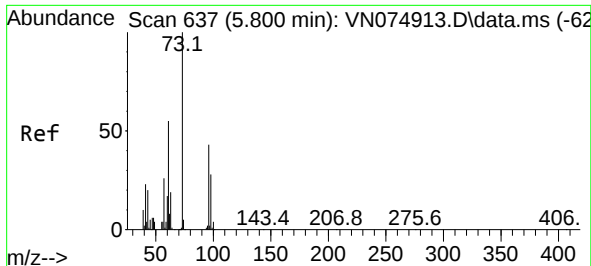
Tgt Ion: 43 Resp: 11633
Ion Ratio Lower Upper
43 100
74 35.4 17.0 25.6#



#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 84 Resp: 2774
Ion Ratio Lower Upper
84 100
49 134.0 104.6 156.8
51 62.0 31.8 47.8#
86 23.2 48.5 72.7#

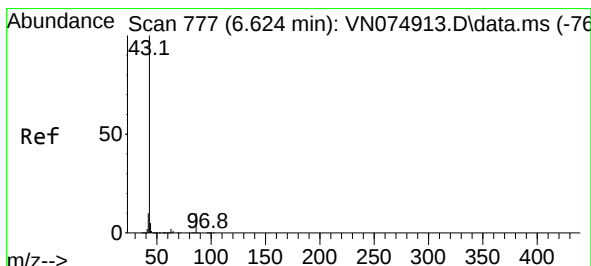
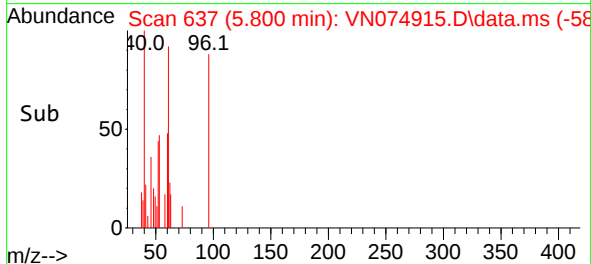
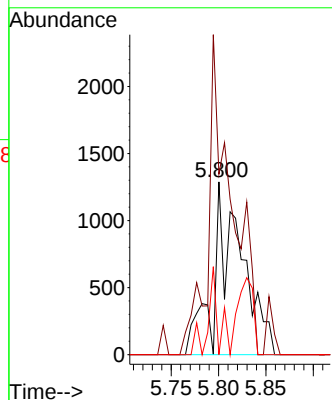
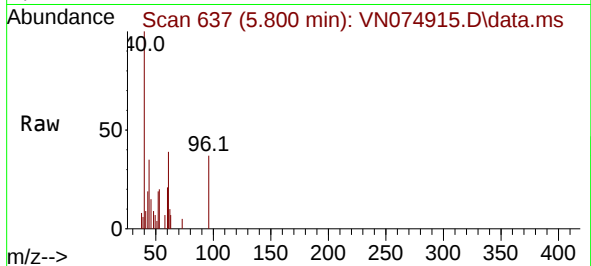




#21
trans-1,2-Dichloroethene
Concen: 0.319 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

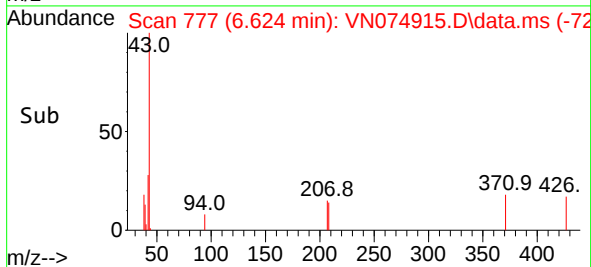
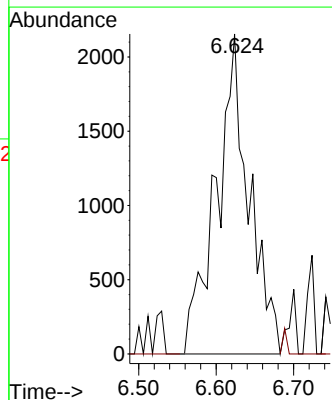
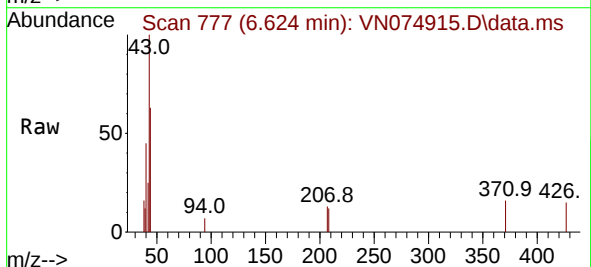
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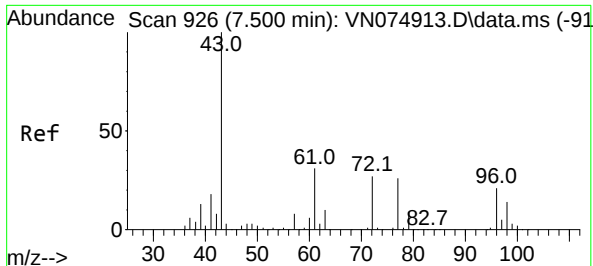
Tgt Ion: 96 Resp: 2726
Ion Ratio Lower Upper
96 100
61 104.5 104.3 156.5
98 0.0 51.9 77.9#



#23
Vinyl Acetate
Concen: 0.268 ug/l
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 43 Resp: 6326
Ion Ratio Lower Upper
43 100
86 0.0 8.0 12.0#





#25

2-Butanone

Concen: 0.589 ug/l

RT: 7.512 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

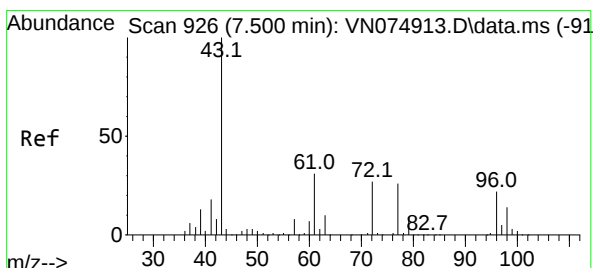
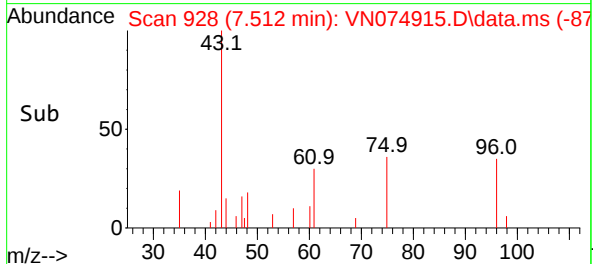
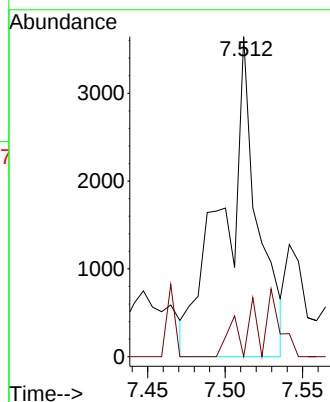
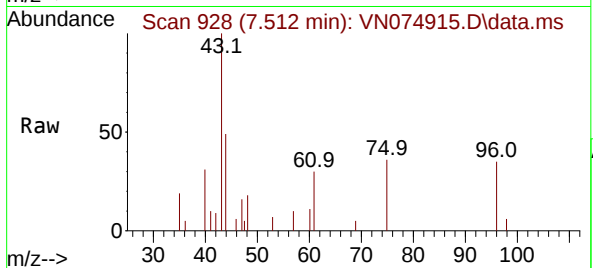
IBLK

Tgt Ion: 43 Resp: 5518

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



#27

cis-1,2-Dichloroethene

Concen: 0.264 ug/l

RT: 7.512 min Scan# 928

Delta R.T. 0.012 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

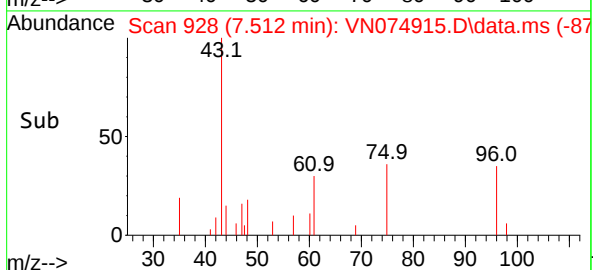
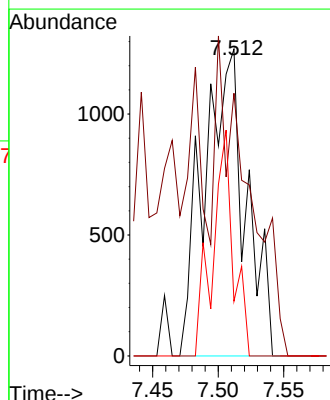
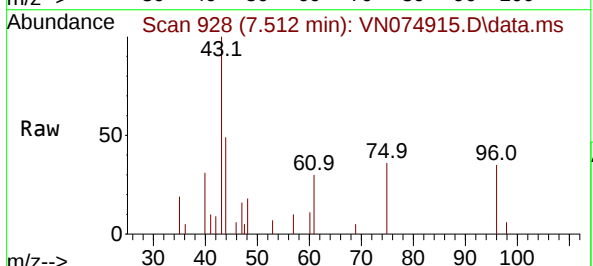
Tgt Ion: 96 Resp: 2810

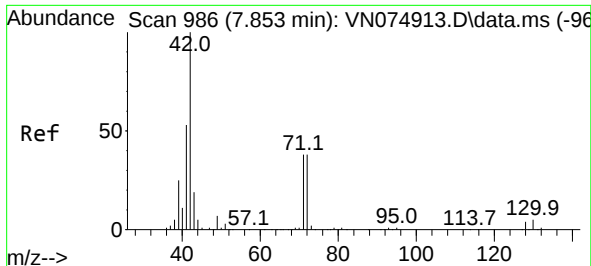
Ion Ratio Lower Upper

96 100

61 79.0 0.0 288.6

98 36.4 0.0 128.0





#29

Tetrahydrofuran

Concen: 0.484 ug/l

RT: 7.865 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

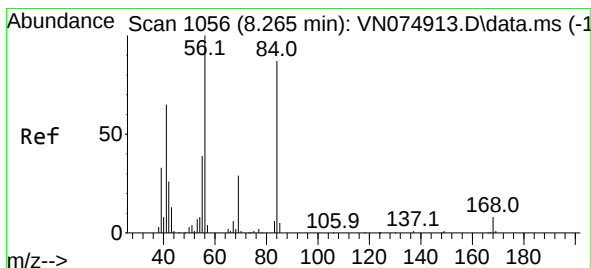
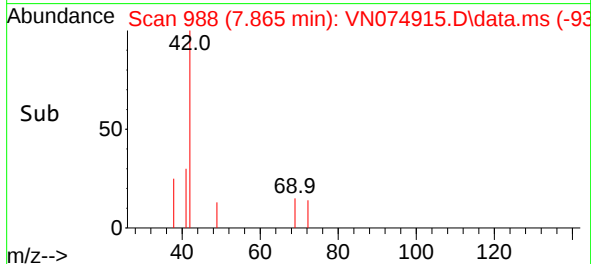
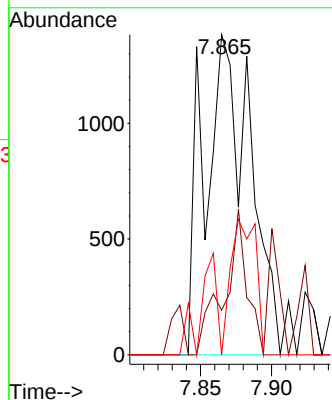
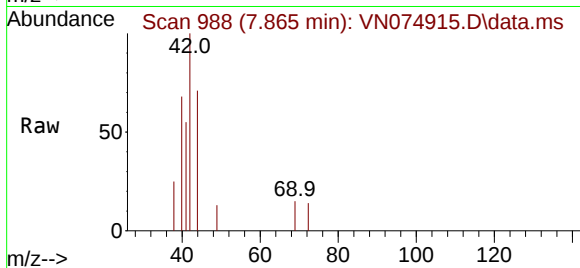
Tgt Ion: 42 Resp: 3086

Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

71 11.4 30.7 46.1#



#31

Cyclohexane

Concen: 1.007 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.030 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

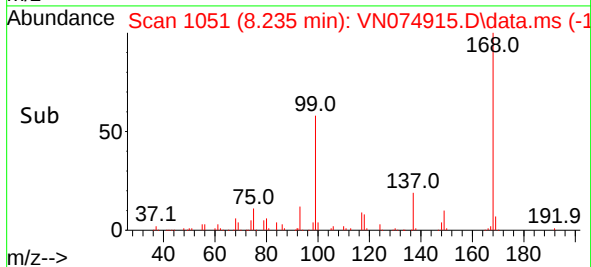
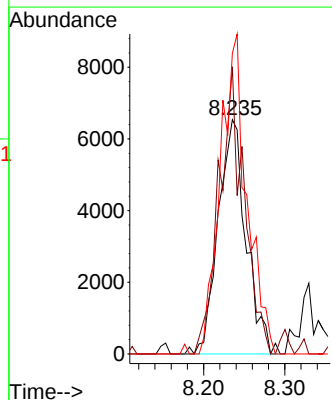
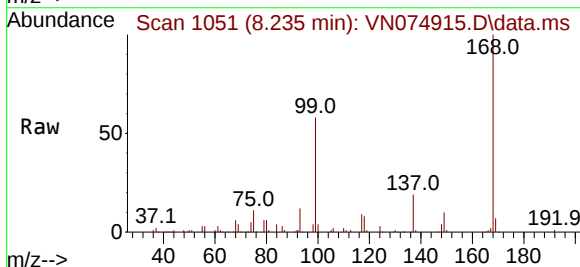
Tgt Ion: 56 Resp: 15585

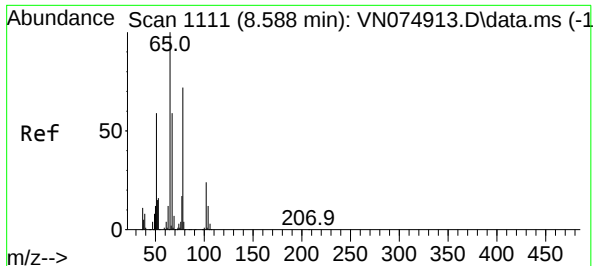
Ion Ratio Lower Upper

56 100

69 122.6 23.4 35.0#

84 128.3 69.9 104.9#





#33

1,2-Dichloroethane-d4

Concen: 41.964 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

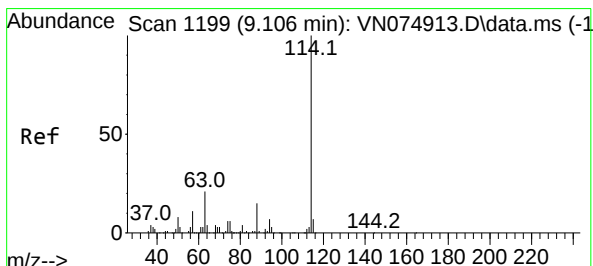
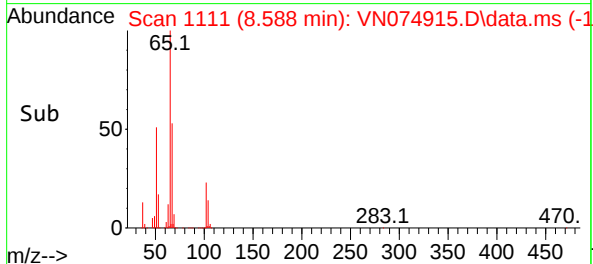
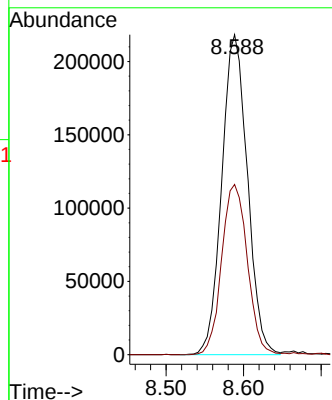
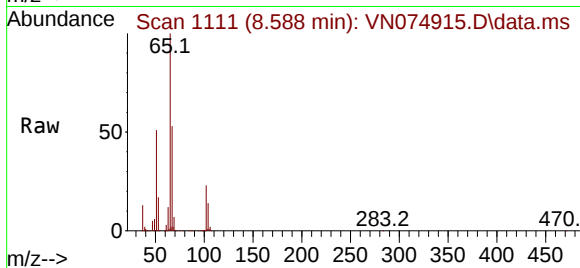
IBLK

Tgt Ion: 65 Resp: 502148

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1200

Delta R.T. 0.006 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

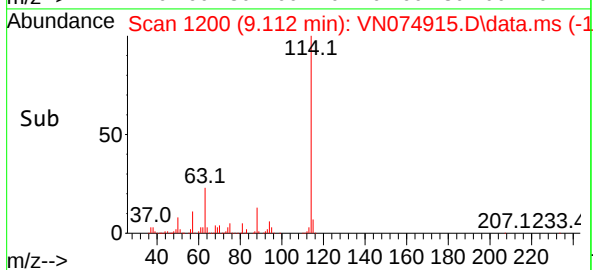
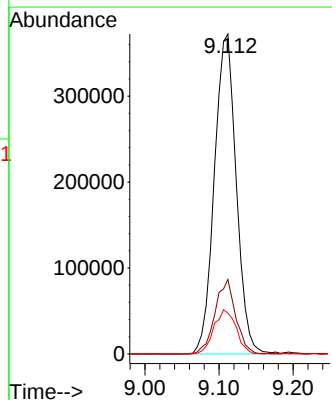
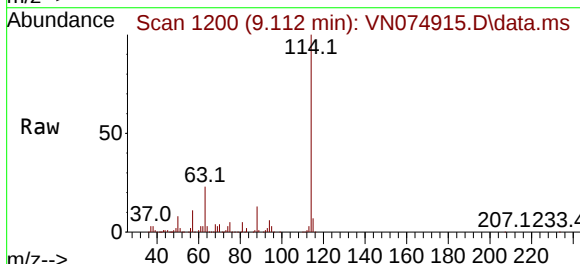
Tgt Ion: 114 Resp: 763666

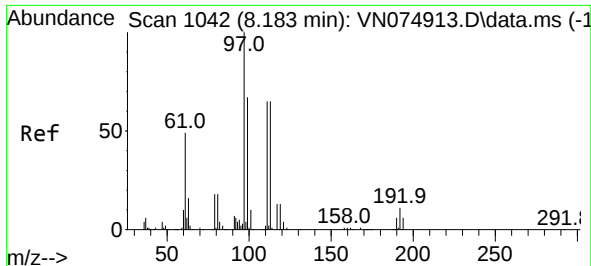
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.2

88 12.8 0.0 30.2

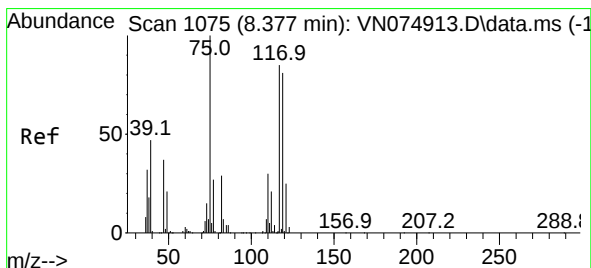
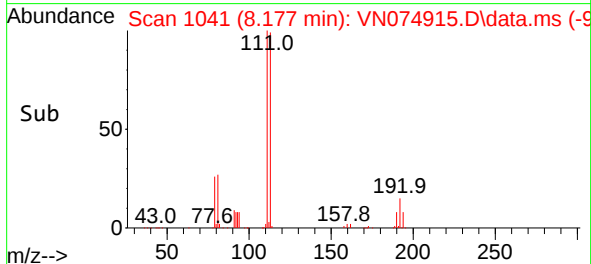
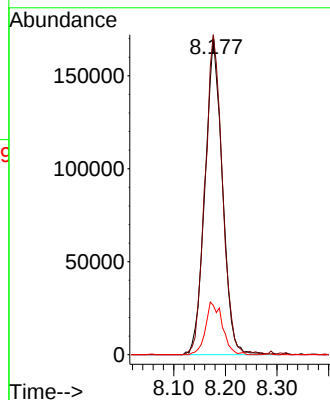
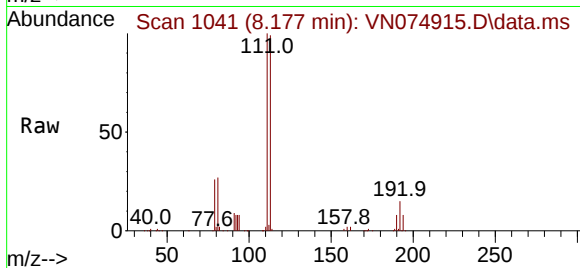




#35
Dibromofluoromethane
Concen: 46.333 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

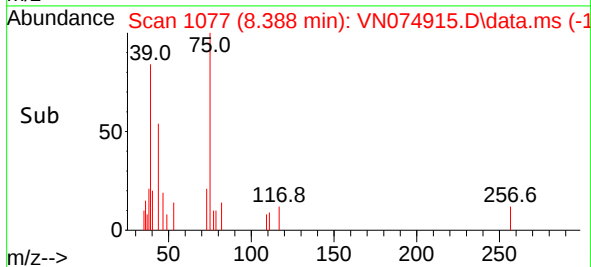
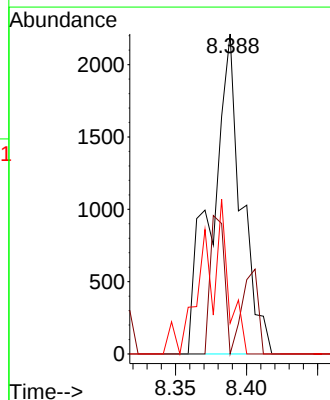
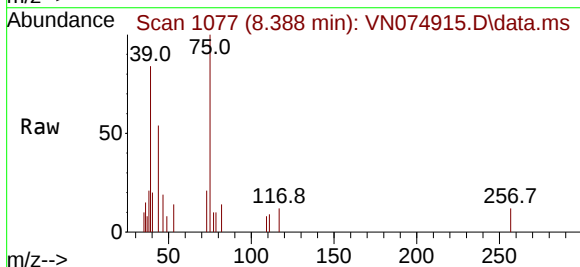
Instrument :
MSVOA_N
ClientSampleId :
IBLK

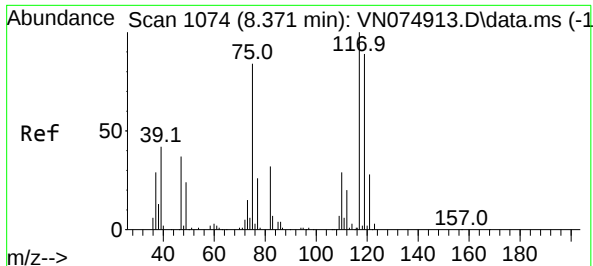
Tgt Ion:113 Resp: 397817
Ion Ratio Lower Upper
113 100
111 100.4 82.9 124.3
192 16.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 0.285 ug/l
RT: 8.388 min Scan# 1077
Delta R.T. 0.012 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 75 Resp: 3208
Ion Ratio Lower Upper
75 100
110 12.1 16.1 48.3#
77 0.0 23.3 34.9#

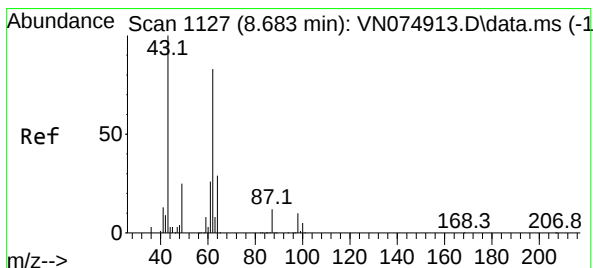
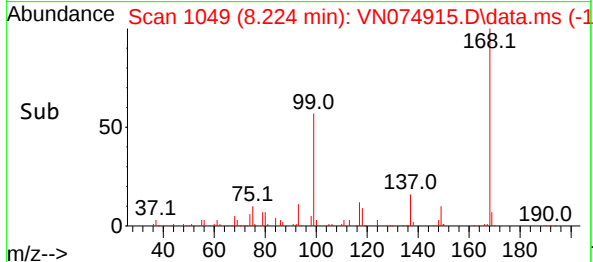
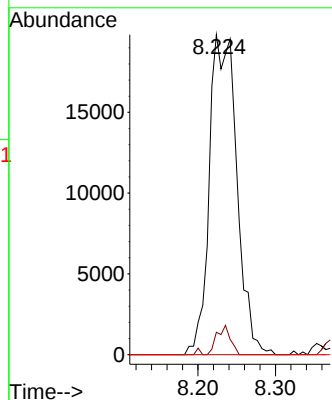
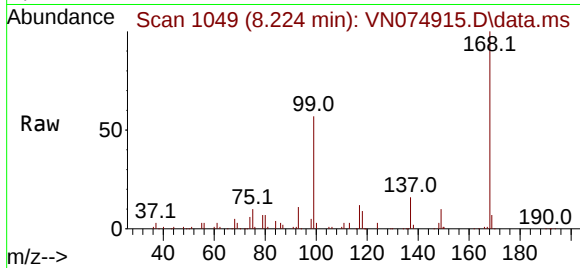




#38
Carbon Tetrachloride
Concen: 4.270 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

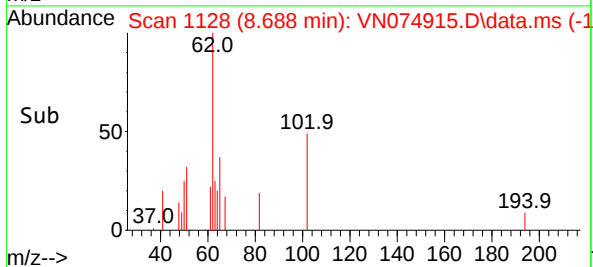
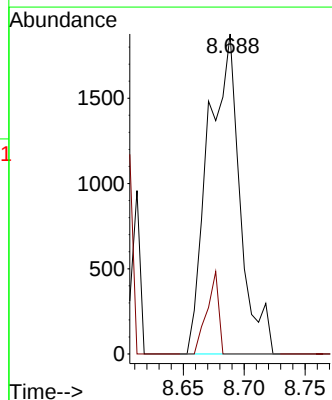
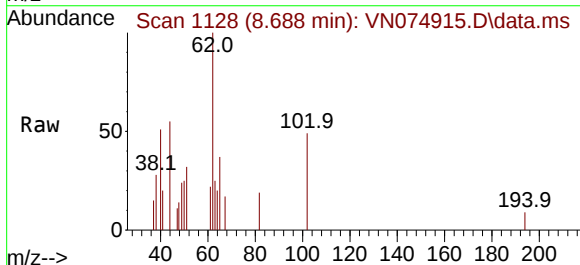
Instrument :
MSVOA_N
ClientSampleId :
IBLK

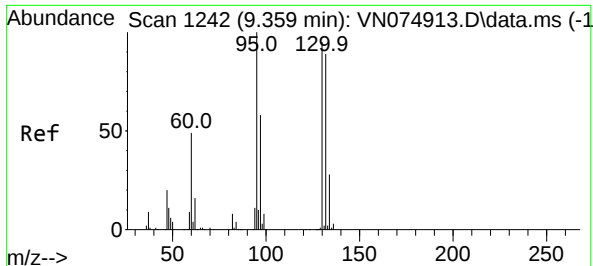
Tgt Ion:117 Resp: 48724
Ion Ratio Lower Upper
117 100
119 7.0 71.0 106.6#
121 0.0 22.2 33.4#



#42
1,2-Dichloroethane
Concen: 0.265 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 62 Resp: 3409
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0

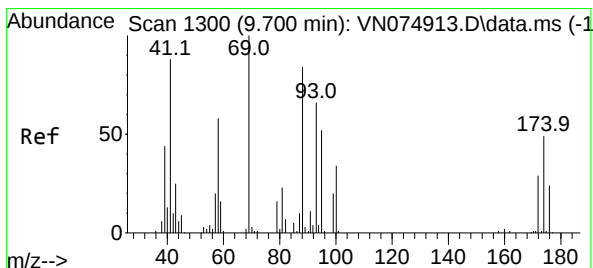
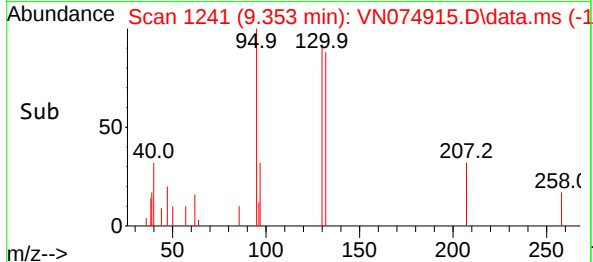
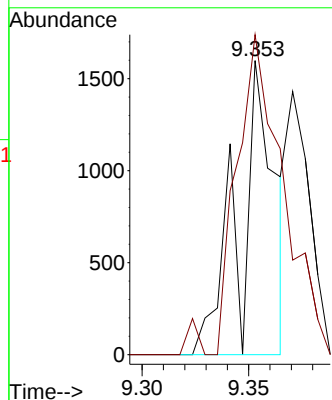
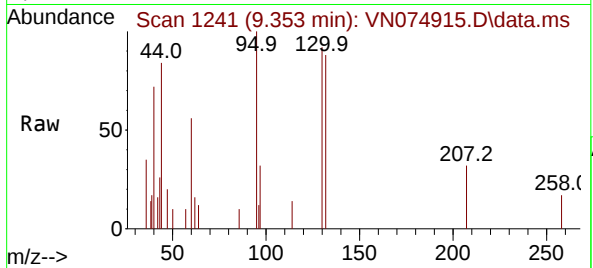




#44
Trichloroethene
Concen: 0.230 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

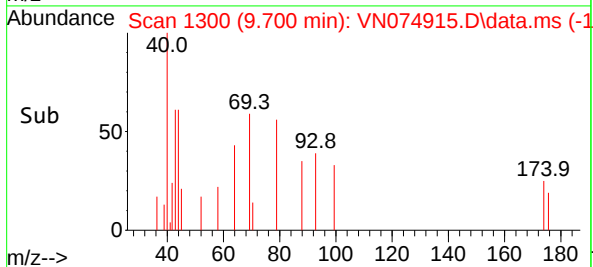
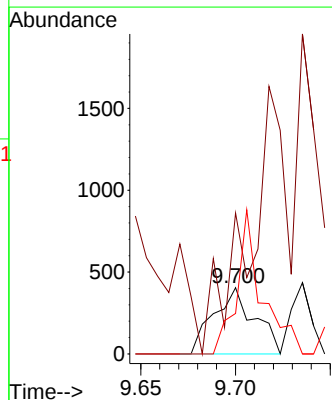
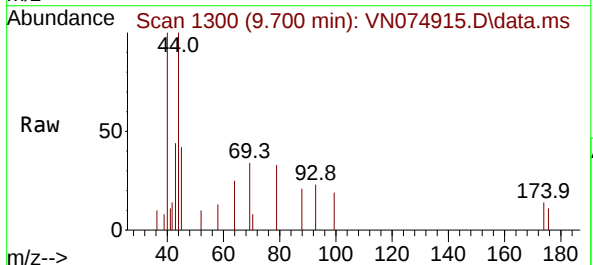
Instrument :
MSVOA_N
ClientSampleId :
IBLK

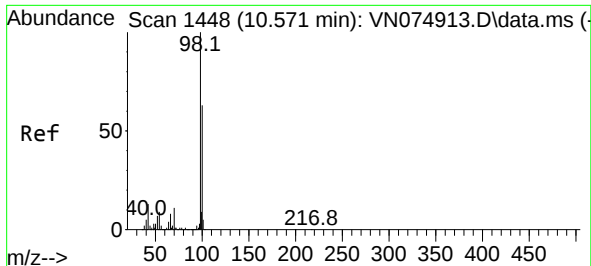
Tgt Ion:130 Resp: 1827
Ion Ratio Lower Upper
130 100
95 108.8 0.0 210.4



#49
1,4-Dioxane
Concen: 2.599 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 88 Resp: 606
Ion Ratio Lower Upper
88 100
43 360.9 19.4 29.2#
58 133.2 56.9 85.3#

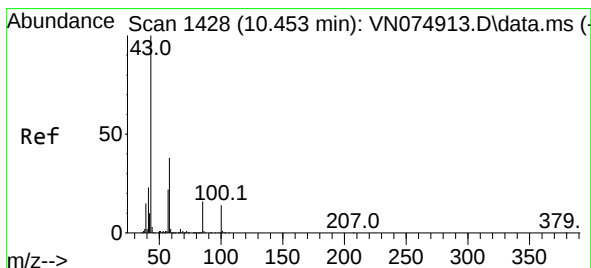
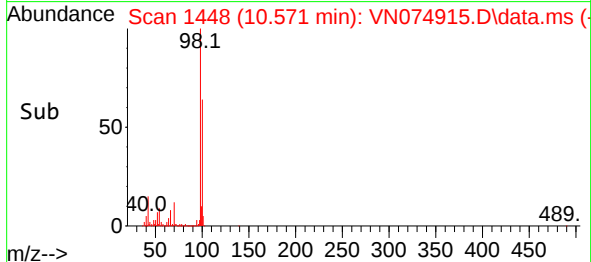
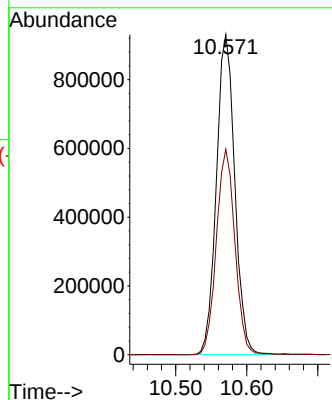
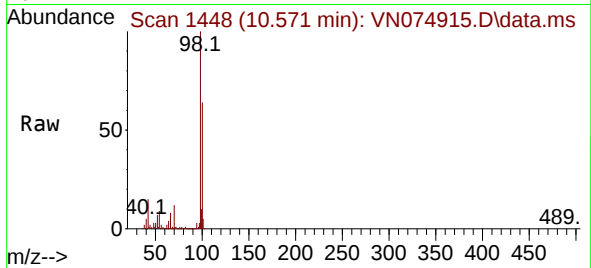




#50
Toluene-d8
Concen: 46.919 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

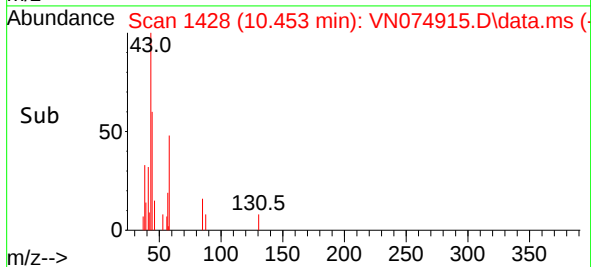
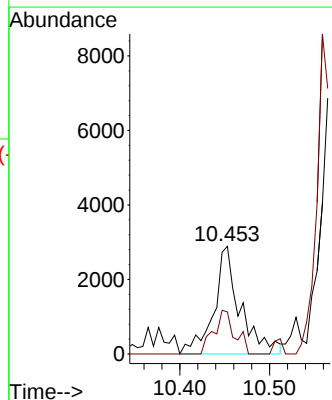
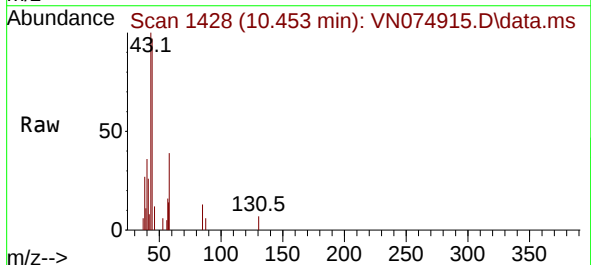
Instrument :
MSVOA_N
ClientSampleId :
IBLK

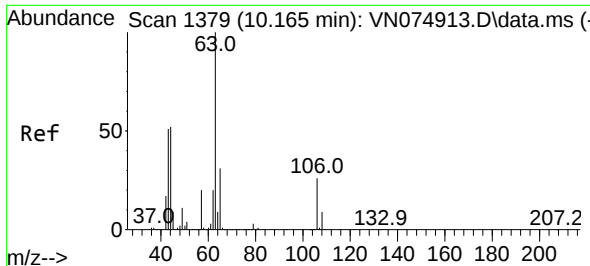
Tgt Ion: 98 Resp: 1670519
Ion Ratio Lower Upper
98 100
100 64.7 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.337 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 43 Resp: 5891
Ion Ratio Lower Upper
43 100
58 31.9 30.0 45.0

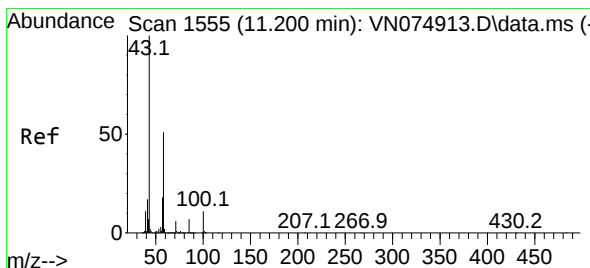
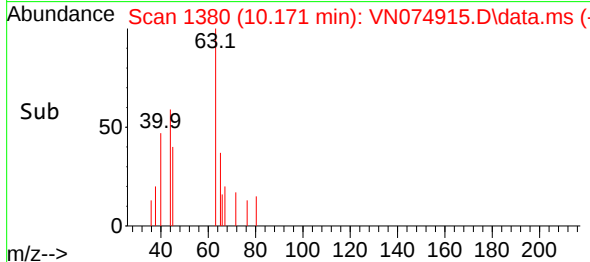
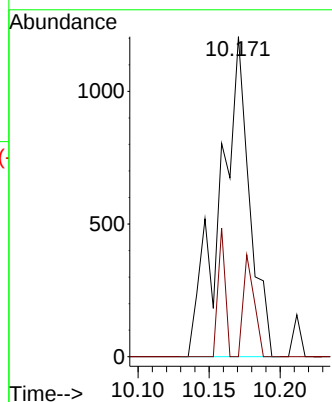
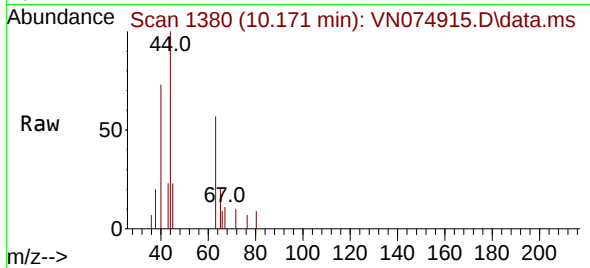




#58
2-Chloroethyl Vinyl ether
Concen: 9.582 ug/l
RT: 10.171 min Scan# 1380
Delta R.T. 0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

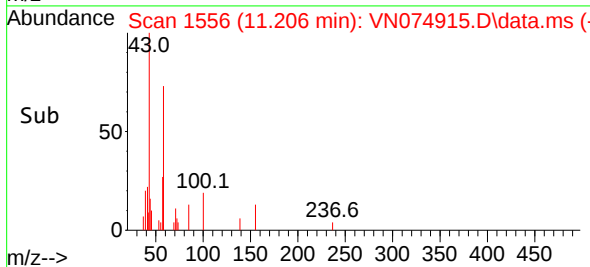
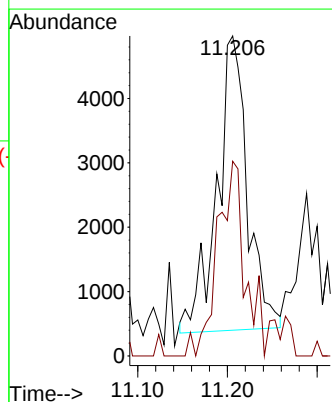
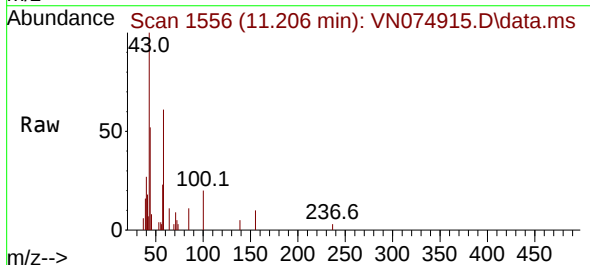
Instrument :
MSVOA_N
ClientSampleId :
IBLK

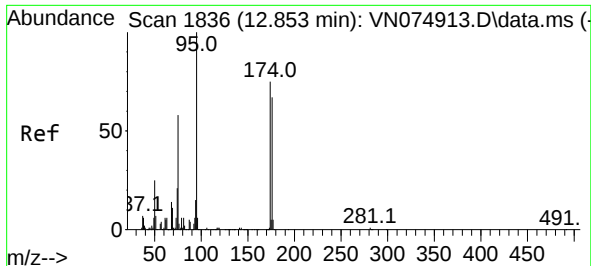
Tgt Ion: 63 Resp: 1743
Ion Ratio Lower Upper
63 100
106 11.8 20.8 31.2#



#59
2-Hexanone
Concen: 0.818 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 43 Resp: 10711
Ion Ratio Lower Upper
43 100
58 61.4 26.3 78.9

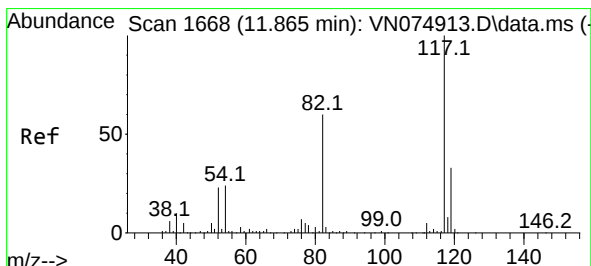
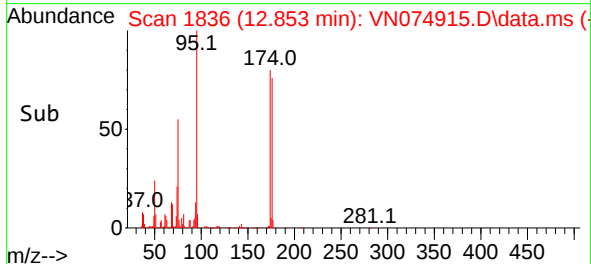
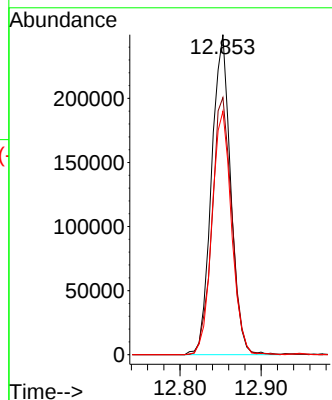
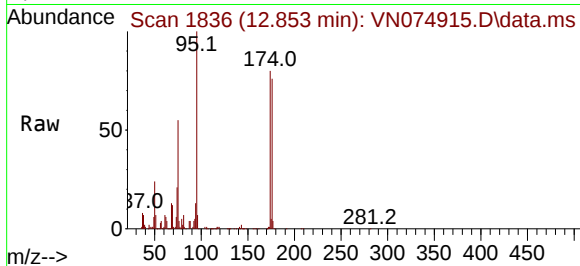




#62
4-Bromofluorobenzene
Concen: 39.495 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

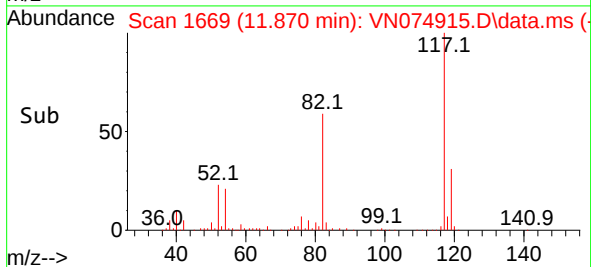
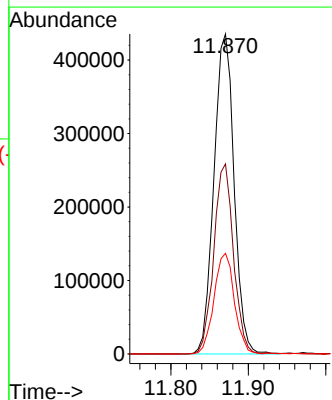
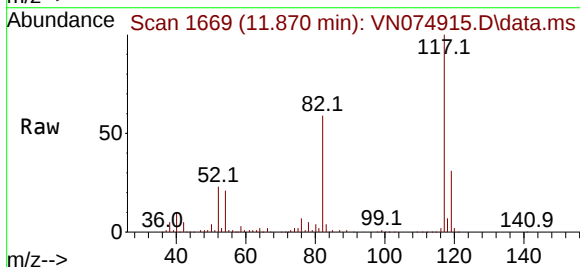
Instrument :
MSVOA_N
ClientSampleId :
IBLK

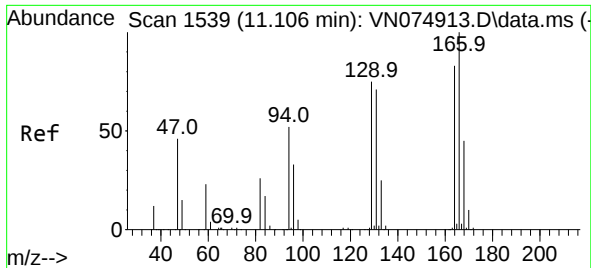
Tgt Ion: 95 Resp: 408543
Ion Ratio Lower Upper
95 100
174 83.1 0.0 157.8
176 77.8 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 117 Resp: 786267
Ion Ratio Lower Upper
117 100
82 59.4 48.0 72.0
119 31.4 26.1 39.1

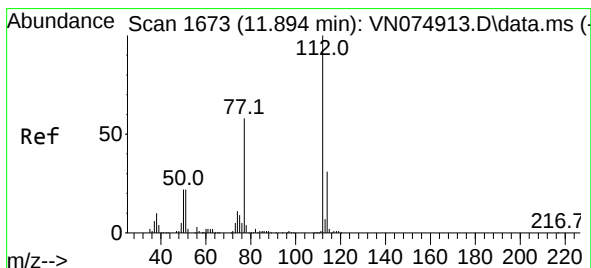
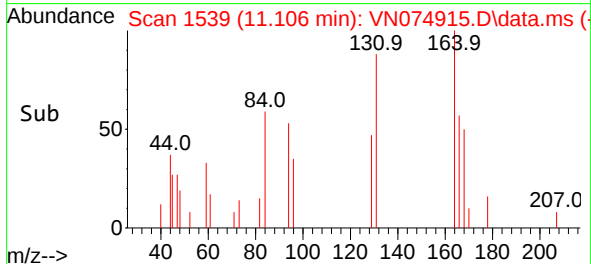
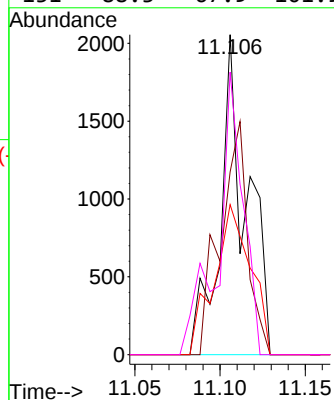
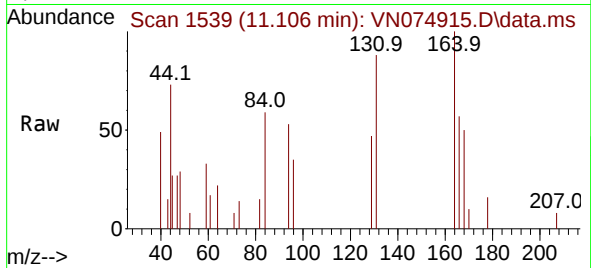




#64
Tetrachloroethene
Concen: 0.379 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

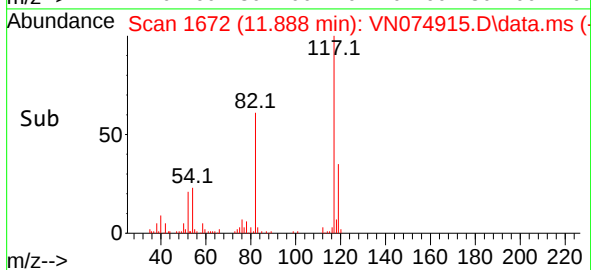
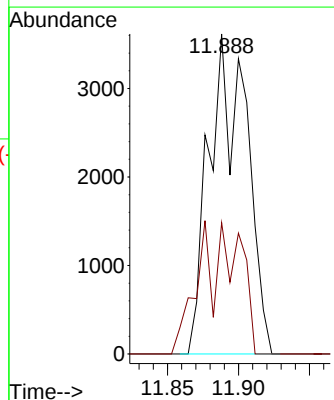
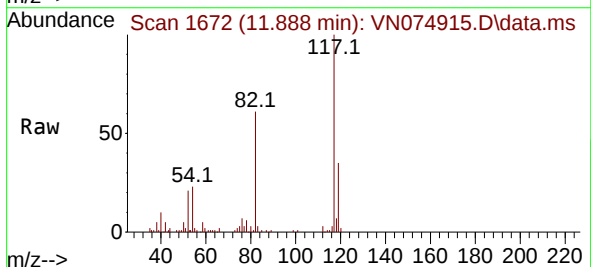
Instrument :
MSVOA_N
ClientSampleId :
IBLK

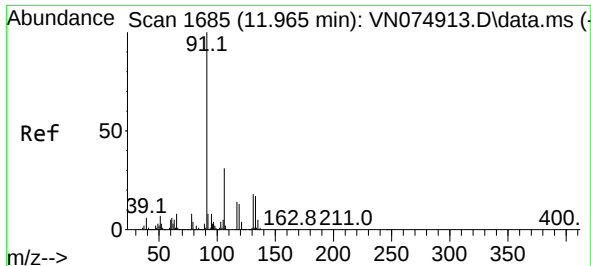
Tgt Ion:164 Resp: 2203
Ion Ratio Lower Upper
164 100
166 57.1 95.8 143.8#
129 46.9 72.0 108.0#
131 88.3 67.9 101.9



#65
Chlorobenzene
Concen: 0.295 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion:112 Resp: 6667
Ion Ratio Lower Upper
112 100
114 41.0 25.2 37.8#





#67

Ethyl Benzene

Concen: 0.206 ug/l

RT: 11.970 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

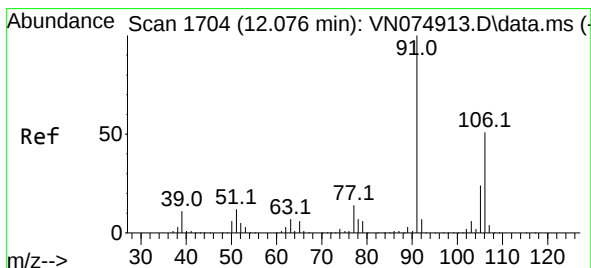
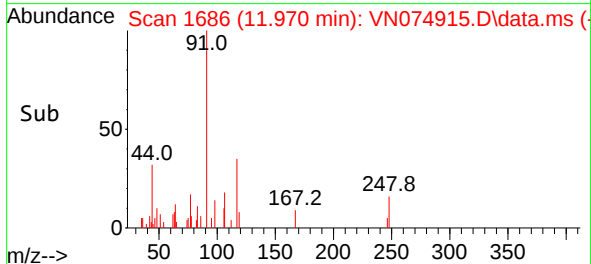
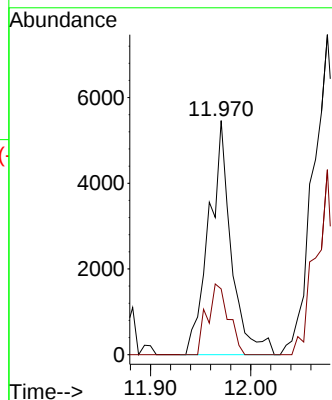
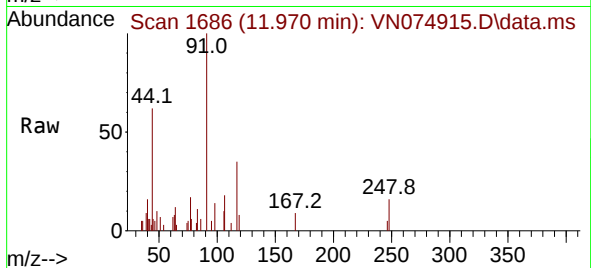
IBLK

Tgt Ion: 91 Resp: 8459

Ion Ratio Lower Upper

91 100

106 28.1 24.7 37.1



#68

m/p-Xylenes

Concen: 0.395 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN074915.D

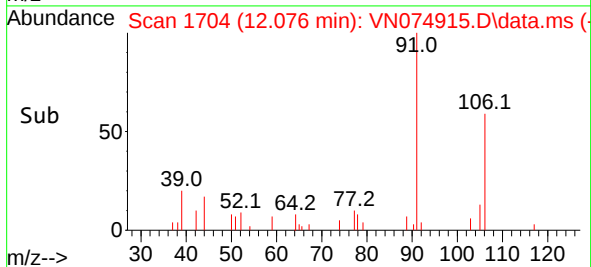
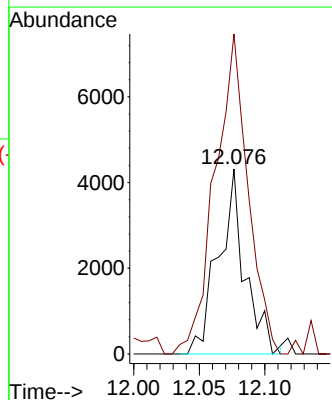
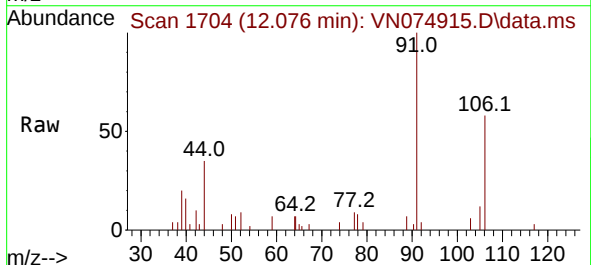
Acq: 17 Oct 2022 13:49

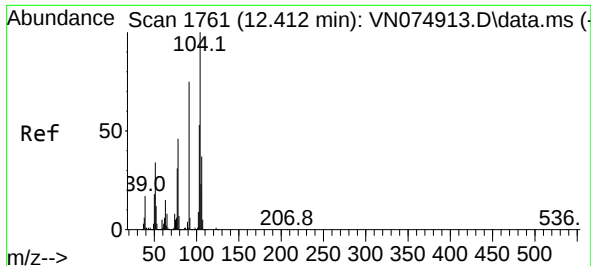
Tgt Ion: 106 Resp: 6057

Ion Ratio Lower Upper

106 100

91 215.7 160.6 240.8

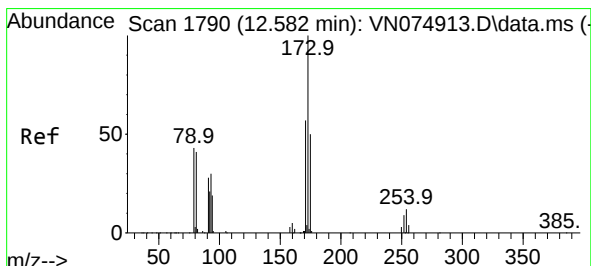
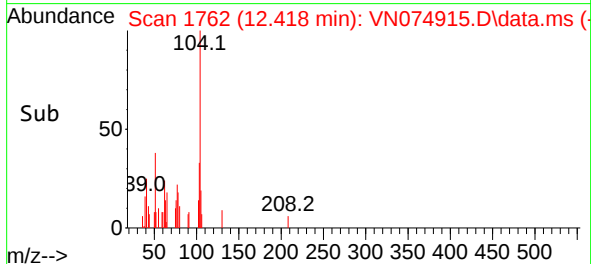
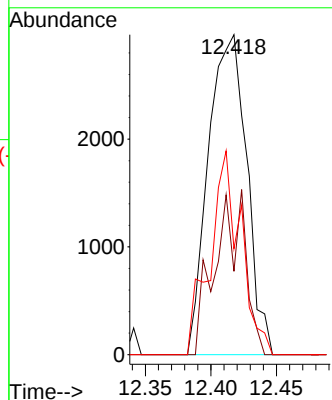
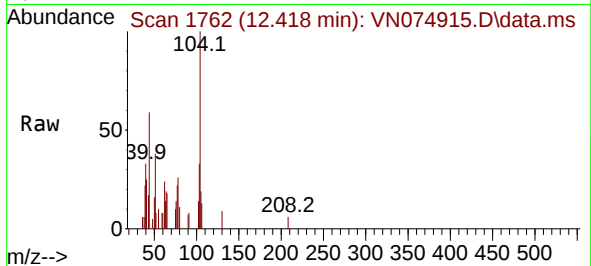




#70
Styrene
Concen: 0.246 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

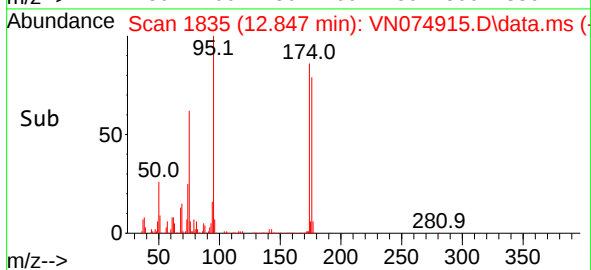
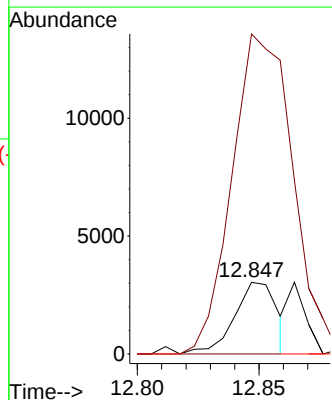
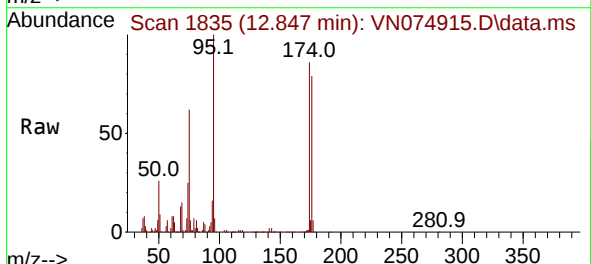
Instrument :
MSVOA_N
ClientSampleId :
IBLK

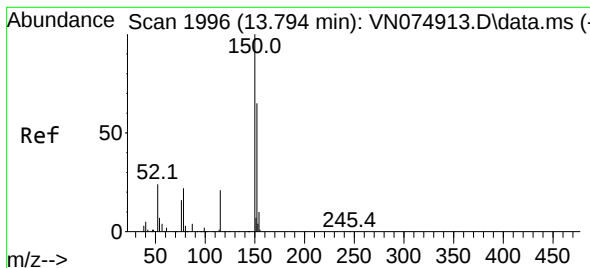
Tgt Ion:104 Resp: 6034
Ion Ratio Lower Upper
104 100
78 40.2 38.8 58.2
103 51.3 45.0 67.4



#71
Bromoform
Concen: 0.626 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion:173 Resp: 3692
Ion Ratio Lower Upper
173 100
175 523.9 24.5 73.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

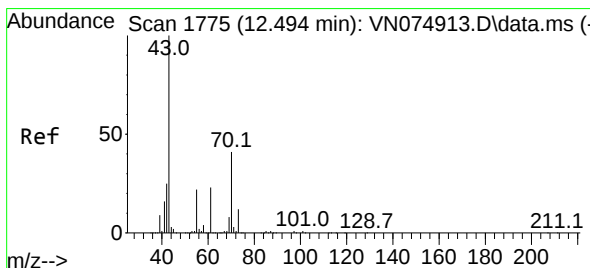
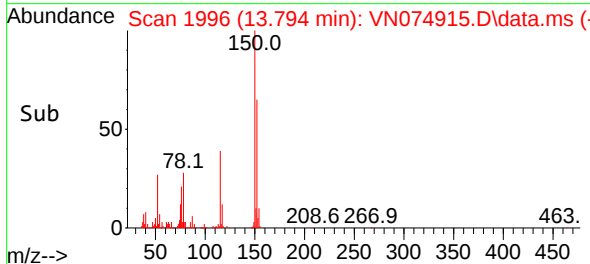
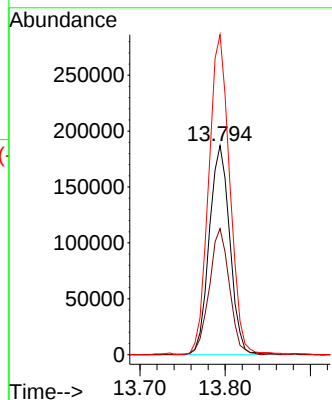
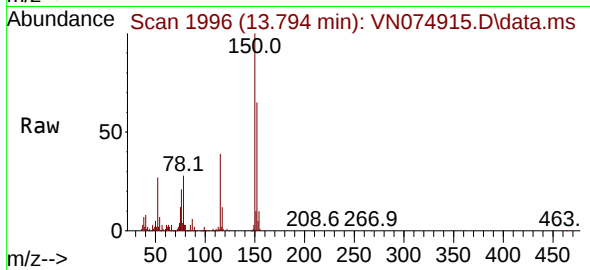
Tgt Ion:152 Resp: 313867

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

150 156.8 0.0 341.6



#74

N-ethyl acetate

Concen: 0.343 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

Tgt Ion: 43 Resp: 5674

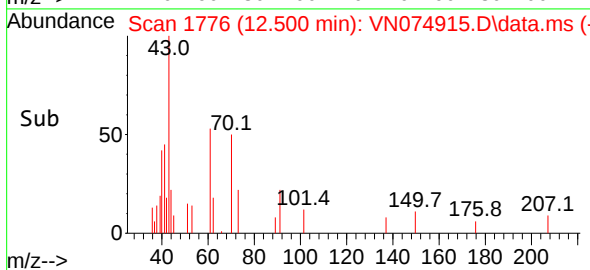
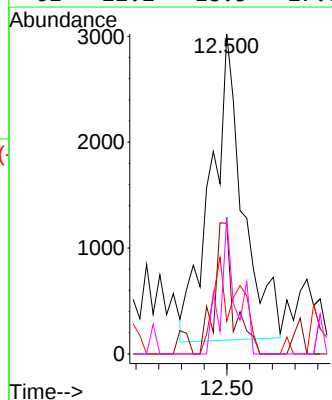
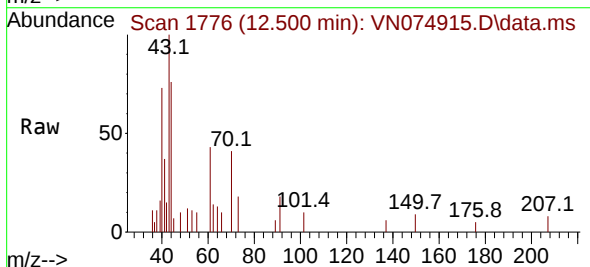
Ion Ratio Lower Upper

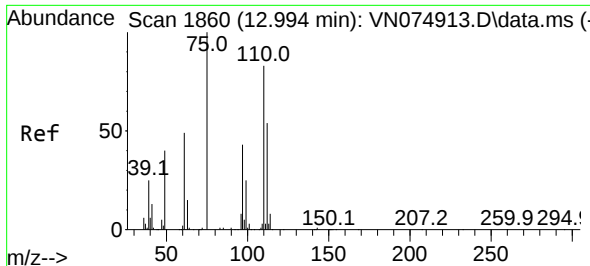
43 100

70 25.6 32.1 48.1#

55 12.1 17.7 26.5#

61 22.2 18.5 27.7

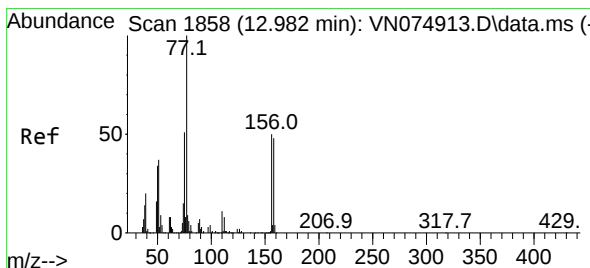
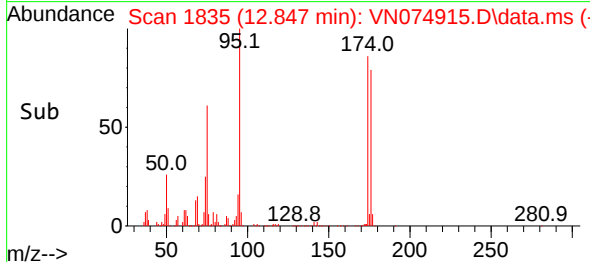
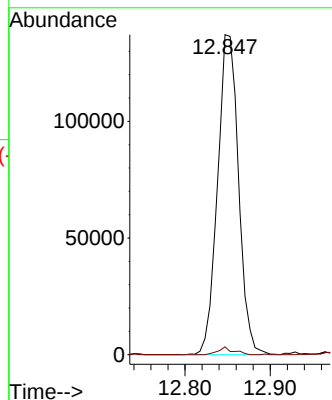
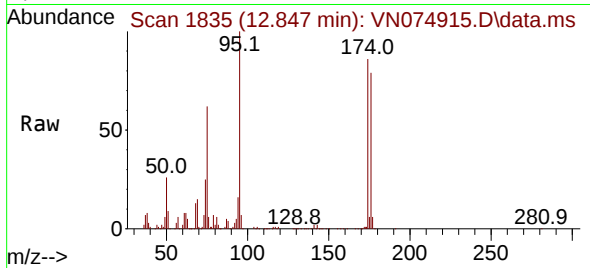




#76
1,2,3-Trichloropropane
Concen: 26.494 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

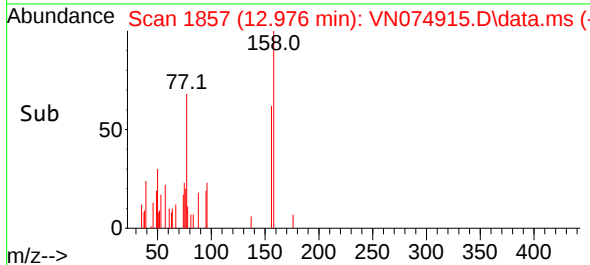
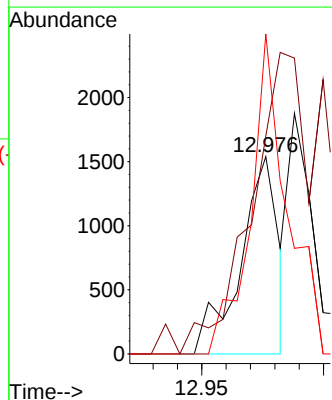
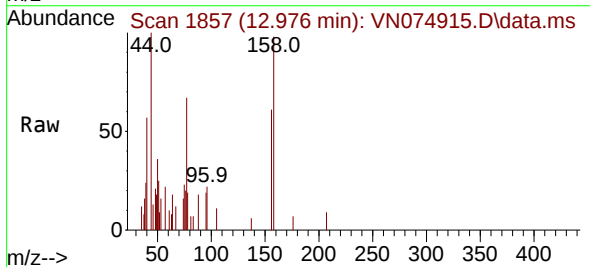
Instrument :
MSVOA_N
ClientSampleId :
IBLK

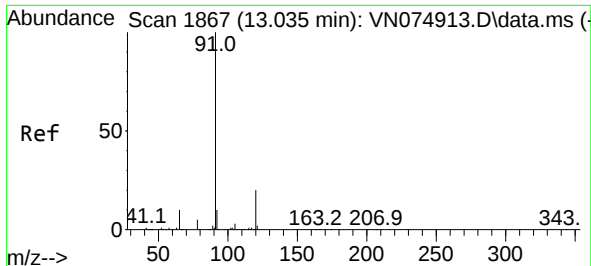
Tgt Ion: 75 Resp: 235031
Ion Ratio Lower Upper
75 100
77 1.7 77.8 233.5#



#77
Bromobenzene
Concen: 0.255 ug/l
RT: 12.976 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion:156 Resp: 1663
Ion Ratio Lower Upper
156 100
77 314.4 116.7 350.1
158 156.5 48.2 144.6#

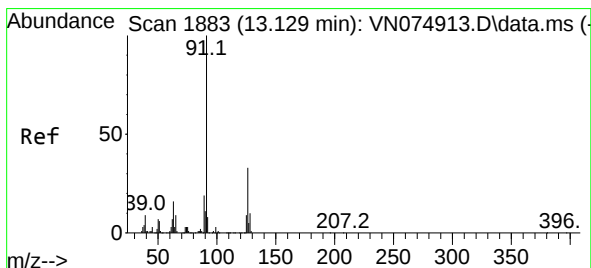
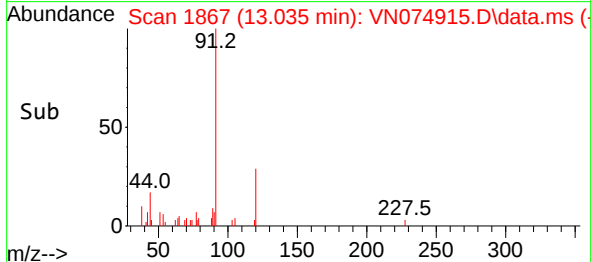
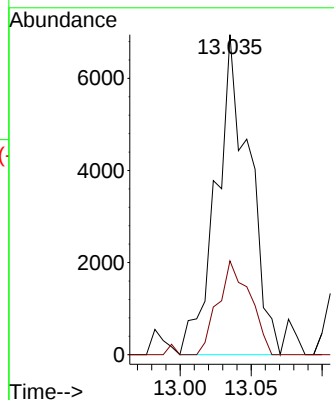
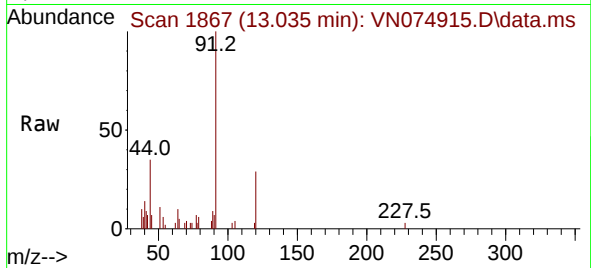




#78
n-propylbenzene
Concen: 0.325 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

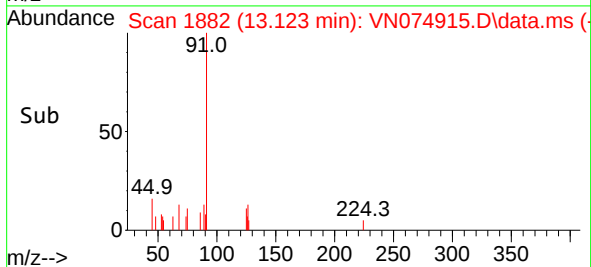
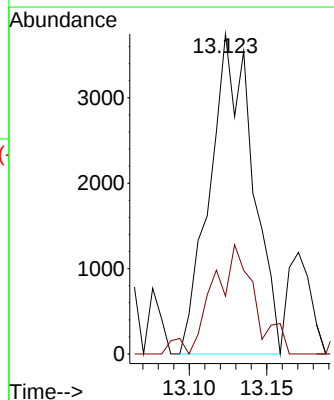
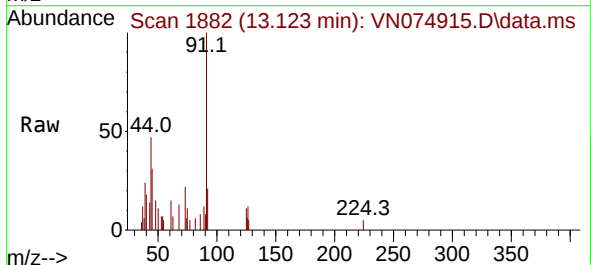
Instrument :
MSVOA_N
ClientSampleId :
IBLK

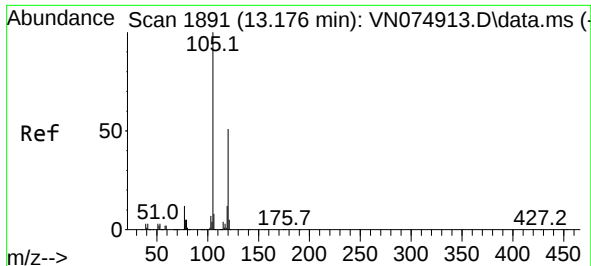
Tgt Ion: 91 Resp: 11277
Ion Ratio Lower Upper
91 100
120 28.4 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.334 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 91 Resp: 7182
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.7

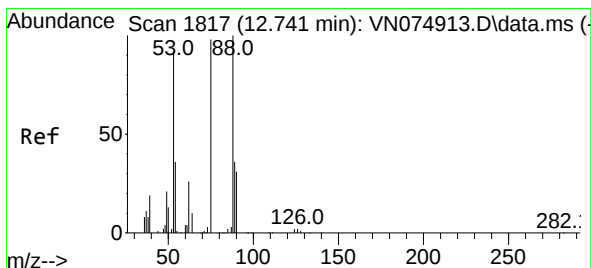
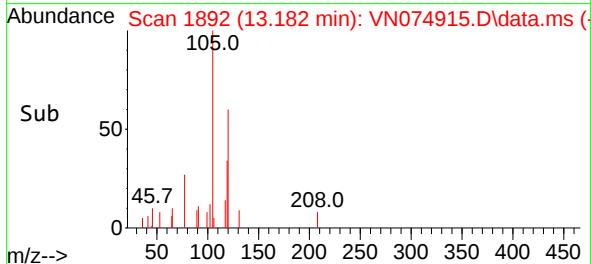
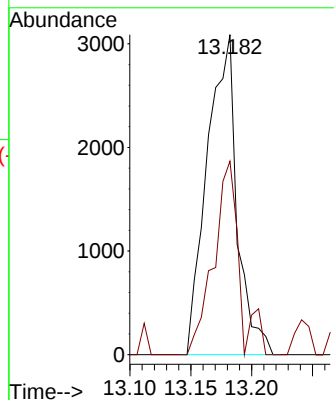
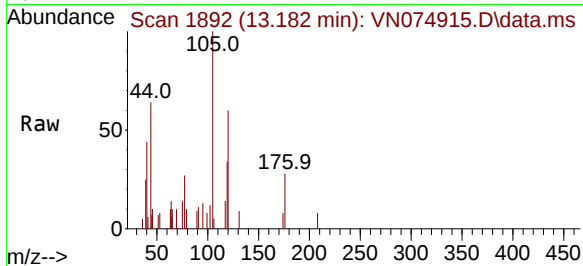




#80
 1,3,5-Trimethylbenzene
 Concen: 0.215 ug/l
 RT: 13.182 min Scan# 1891
 Delta R.T. 0.006 min
 Lab File: VN074915.D
 Acq: 17 Oct 2022 13:49

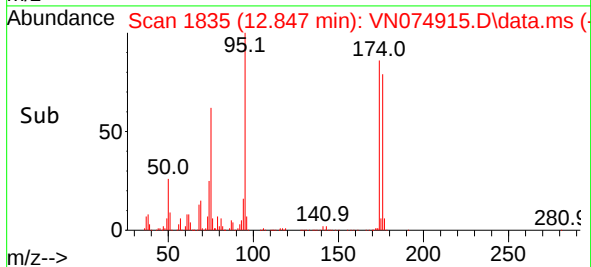
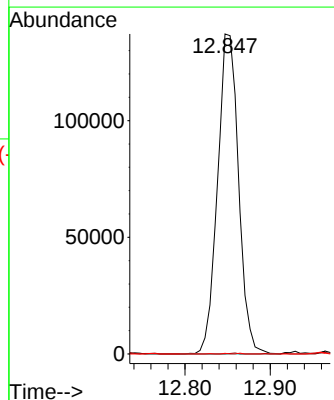
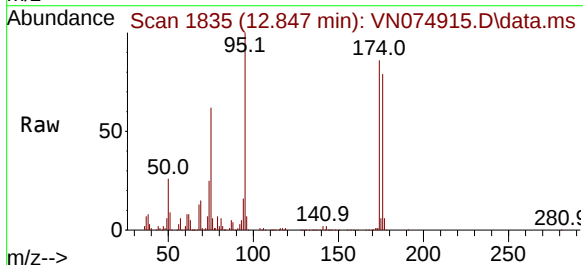
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

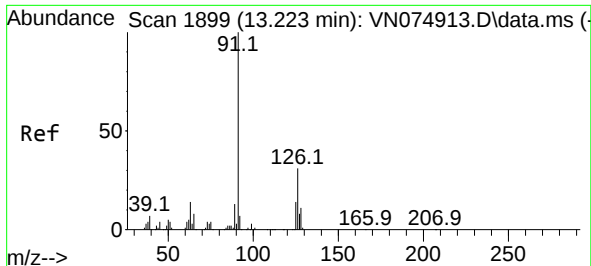
Tgt Ion:105 Resp: 5270
 Ion Ratio Lower Upper
 105 100
 120 52.0 23.9 71.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.683 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. 0.106 min
 Lab File: VN074915.D
 Acq: 17 Oct 2022 13:49

Tgt Ion: 75 Resp: 235031
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.4 123.6#
 89 0.0 34.7 52.1#

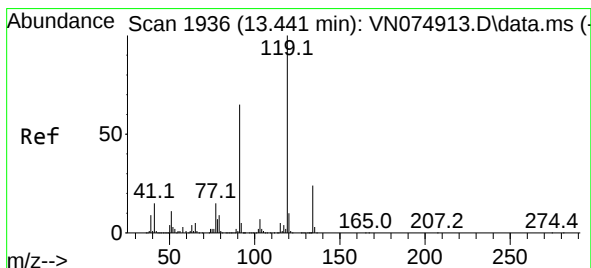
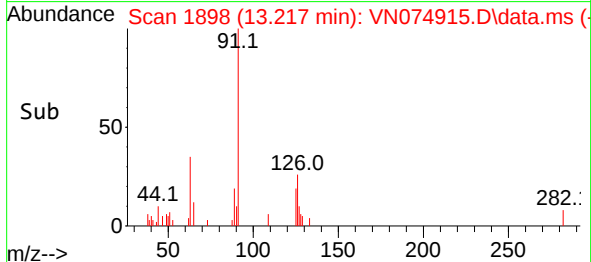
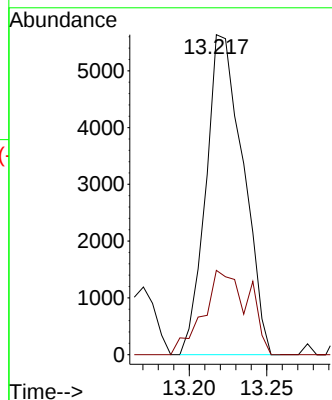
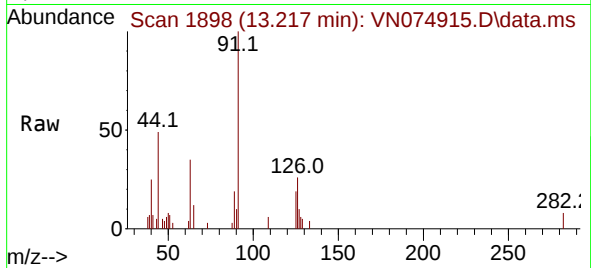




#82
4-Chlorotoluene
Concen: 0.498 ug/l
RT: 13.217 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

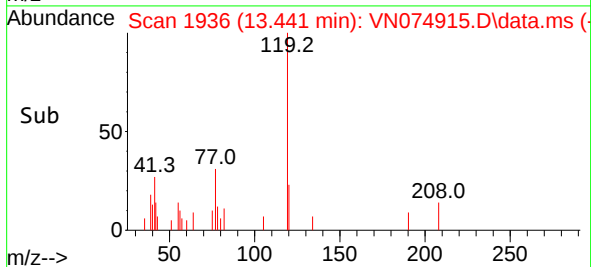
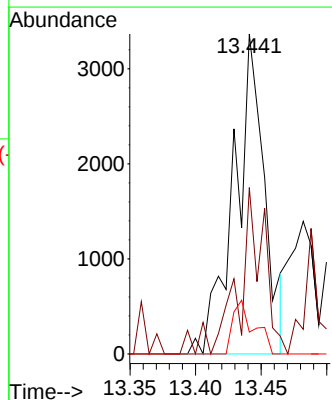
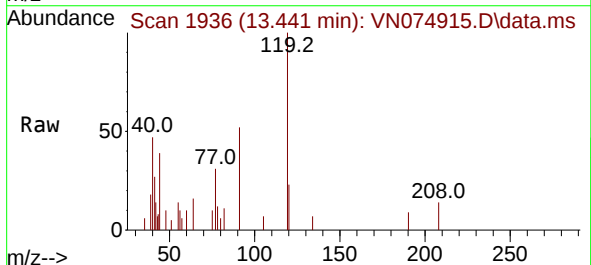
Instrument :
MSVOA_N
ClientSampleId :
IBLK

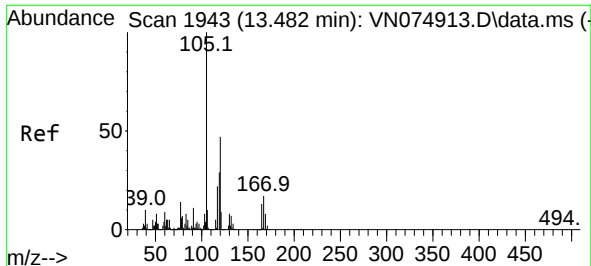
Tgt Ion: 91 Resp: 9426
Ion Ratio Lower Upper
91 100
126 31.7 16.0 47.9



#83
tert-Butylbenzene
Concen: 0.239 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 119 Resp: 5379
Ion Ratio Lower Upper
119 100
91 43.0 33.1 99.2
134 11.7 13.1 39.3#

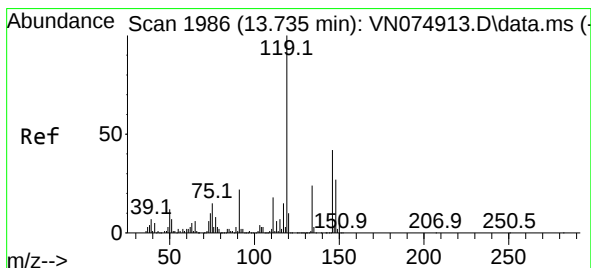
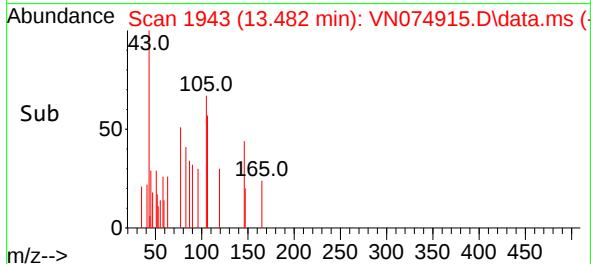
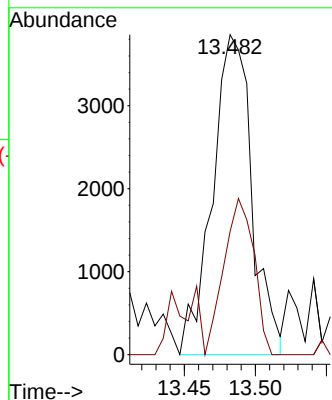
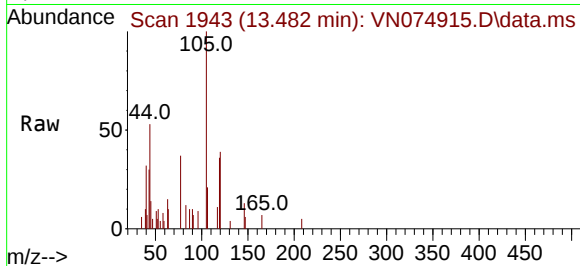




#84
1,2,4-Trimethylbenzene
Concen: 0.317 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

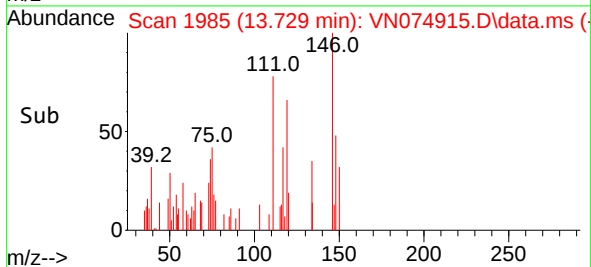
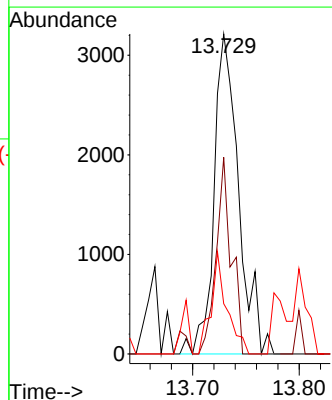
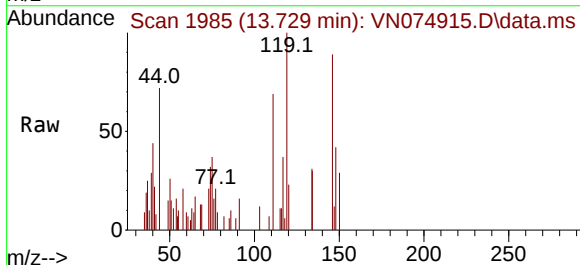
Instrument :
MSVOA_N
ClientSampleId :
IBLK

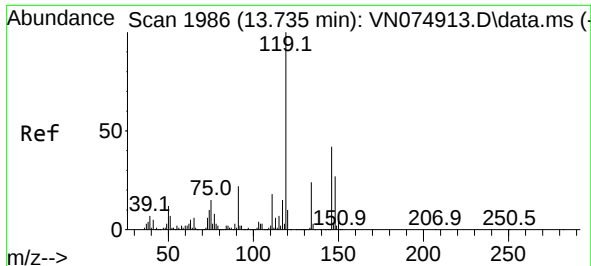
Tgt Ion:105 Resp: 7461
Ion Ratio Lower Upper
105 100
120 37.2 21.9 65.8



#86
p-Isopropyltoluene
Concen: 0.221 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. -0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion:119 Resp: 5152
Ion Ratio Lower Upper
119 100
134 38.3 12.3 36.9#
91 20.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 0.617 ug/l

RT: 13.741 min Scan# 1987

Delta R.T. 0.006 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

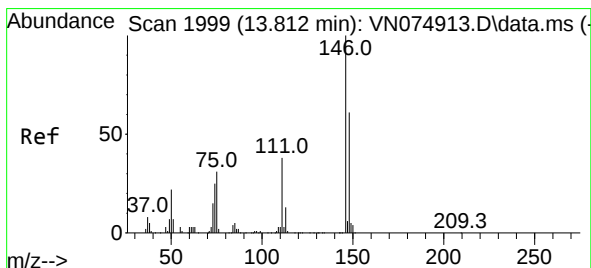
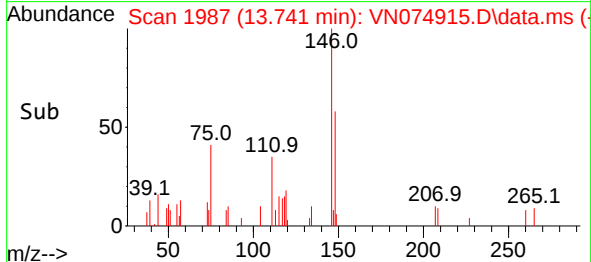
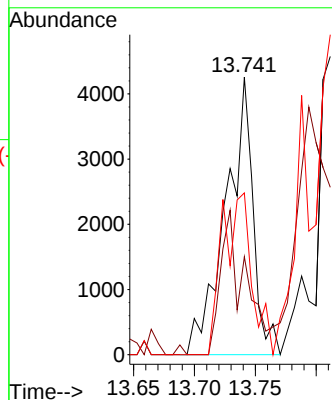
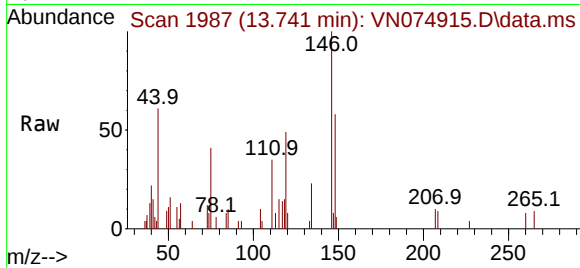
Tgt Ion:146 Resp: 6661

Ion Ratio Lower Upper

146 100

111 45.7 20.3 60.9

148 62.7 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 0.584 ug/l

RT: 13.741 min Scan# 1987

Delta R.T. -0.071 min

Lab File: VN074915.D

Acq: 17 Oct 2022 13:49

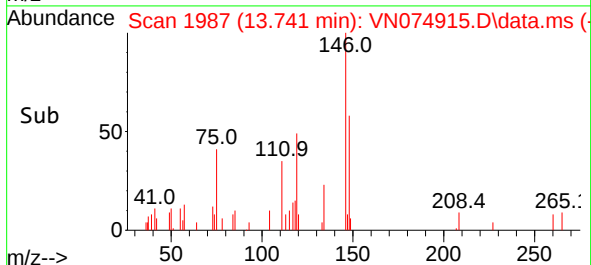
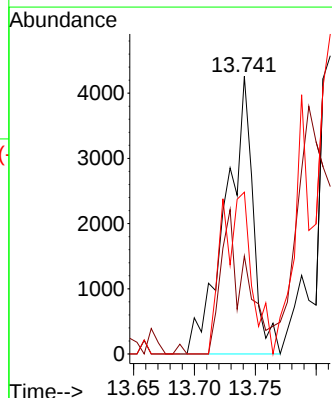
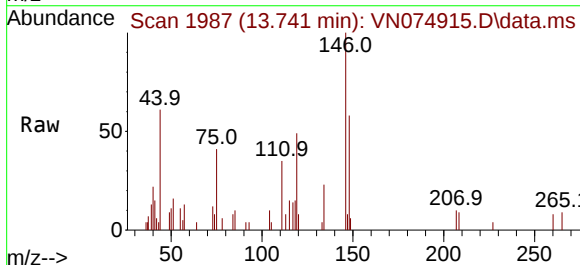
Tgt Ion:146 Resp: 6661

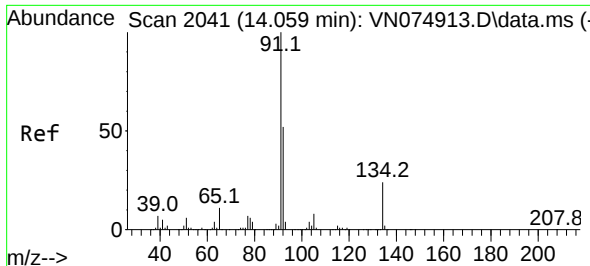
Ion Ratio Lower Upper

146 100

111 45.7 19.4 58.1

148 62.7 31.8 95.3

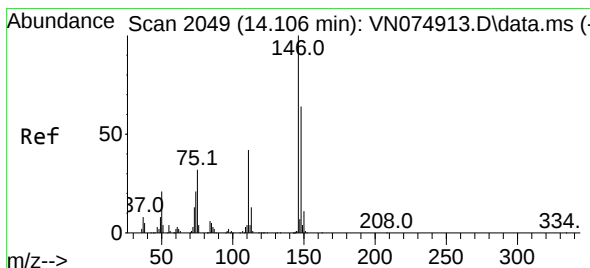
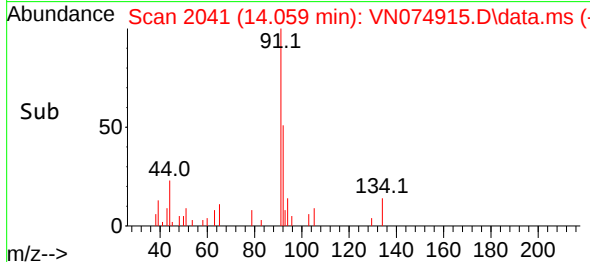
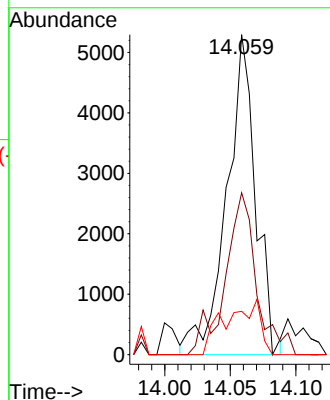
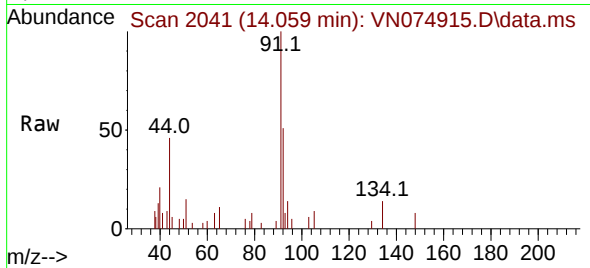




#89
n-Butylbenzene
Concen: 0.416 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

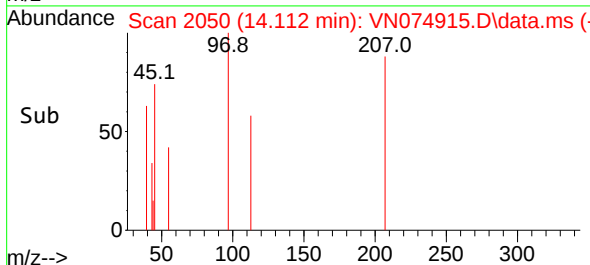
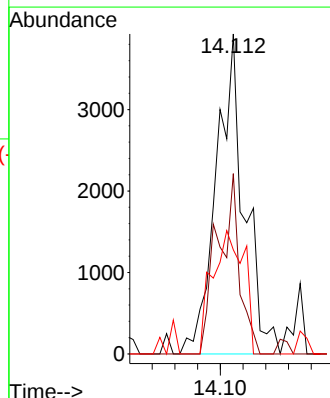
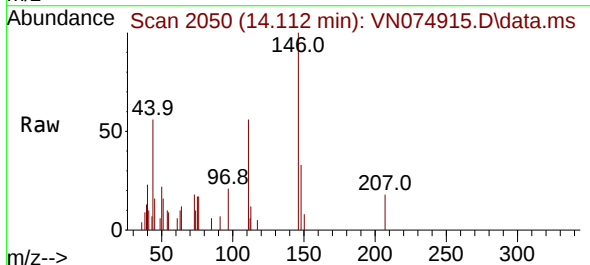
Instrument :
MSVOA_N
ClientSampleId :
IBLK

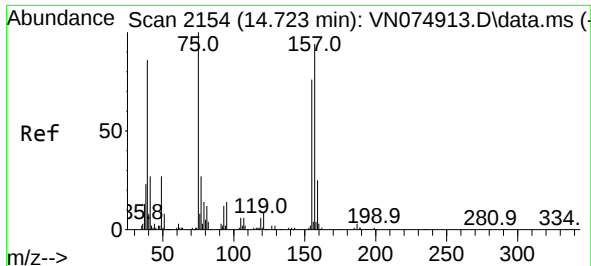
Tgt Ion: 91	Resp:	8085
Ion Ratio	Lower	Upper
91	100	
92	54.8	26.0 78.0
134	13.8	11.8 35.3



#91
1,2-Dichlorobenzene
Concen: 0.626 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

Tgt Ion: 146	Resp:	6745
Ion Ratio	Lower	Upper
146	100	
111	43.6	20.4 61.3
148	43.4	32.1 96.3

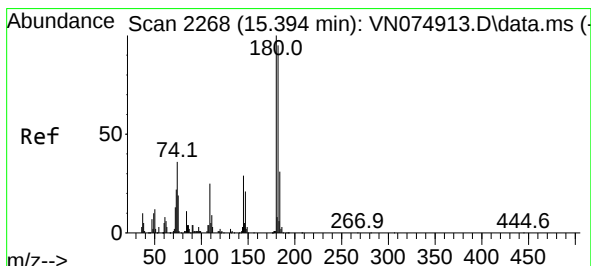
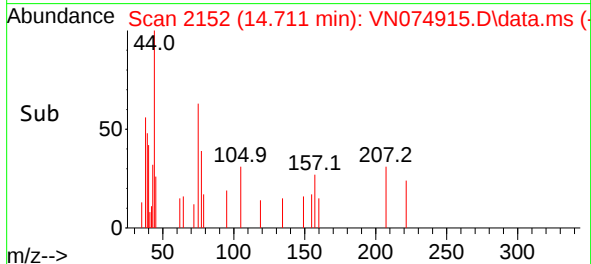
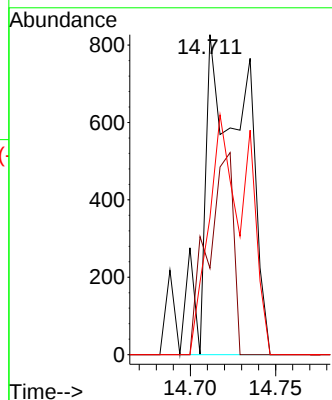
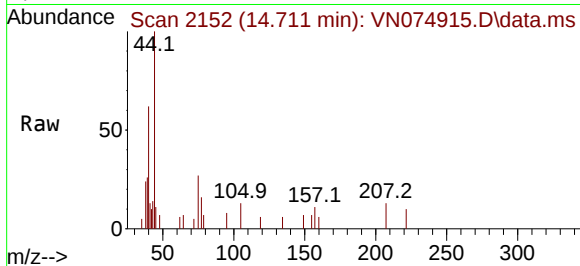




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.728 ug/l
 RT: 14.711 min Scan# 2154
 Delta R.T. -0.012 min
 Lab File: VN074915.D
 Acq: 17 Oct 2022 13:49

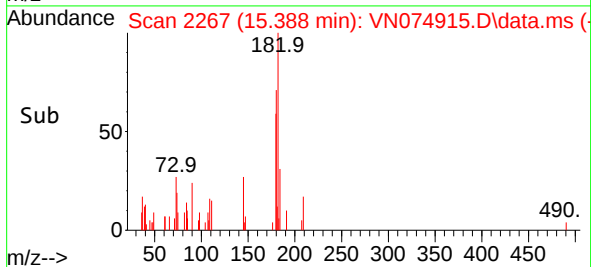
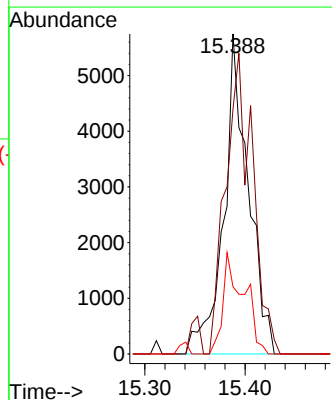
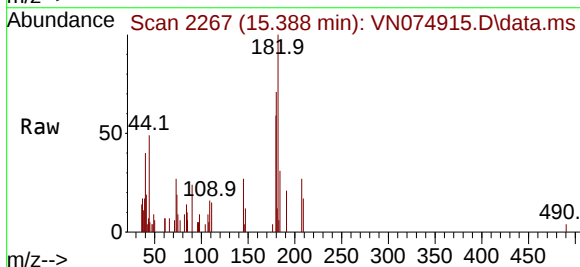
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

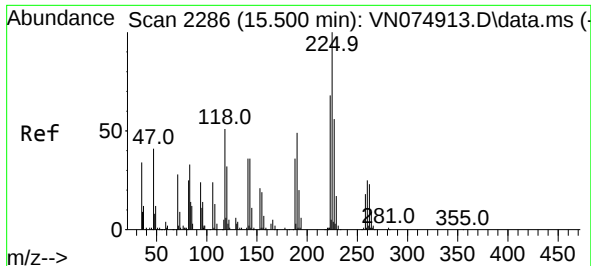
Tgt Ion: 75 Resp: 1351
 Ion Ratio Lower Upper
 75 100
 155 40.1 39.9 119.6
 157 70.2 50.6 151.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.929 ug/l
 RT: 15.388 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: VN074915.D
 Acq: 17 Oct 2022 13:49

Tgt Ion: 180 Resp: 9734
 Ion Ratio Lower Upper
 180 100
 182 103.3 49.1 147.3
 145 27.2 15.4 46.4

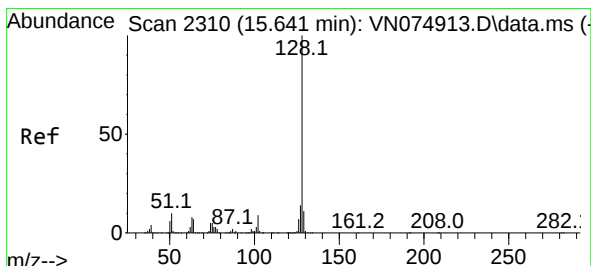
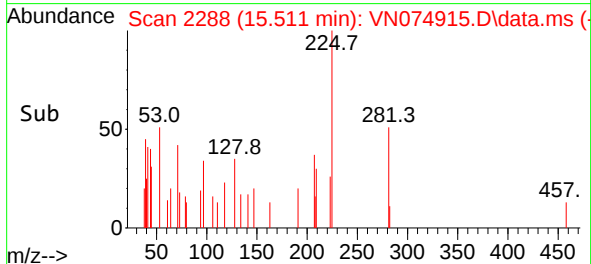
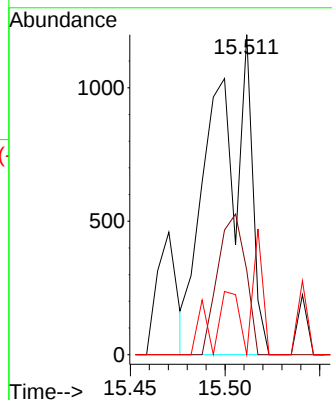
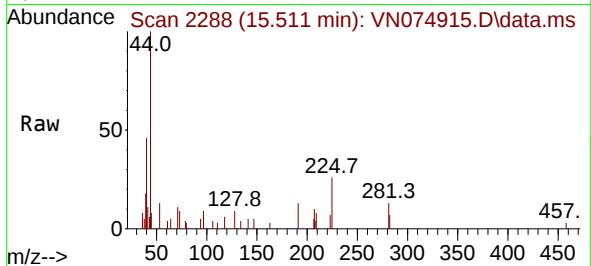




#94
Hexachlorobutadiene
Concen: 0.697 ug/l
RT: 15.511 min Scan# 211
Delta R.T. 0.012 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

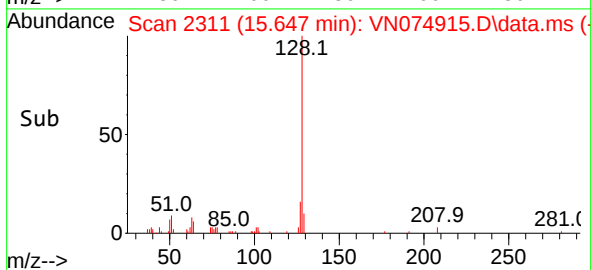
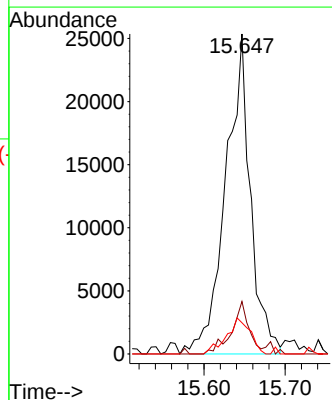
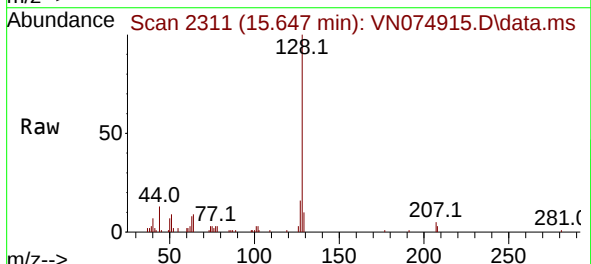
Instrument :
MSVOA_N
ClientSampleId :
IBLK

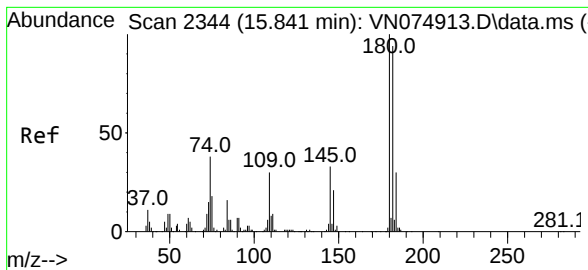
Tgt Ion:225 Resp: 1679
Ion Ratio Lower Upper
225 100
223 32.2 29.8 89.5
227 9.9 30.1 90.5#



#95
Naphthalene
Concen: 2.477 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN074915.D
Acq: 17 Oct 2022 13:49

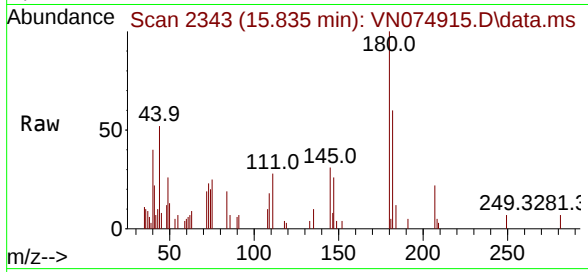
Tgt Ion:128 Resp: 53874
Ion Ratio Lower Upper
128 100
127 11.5 10.8 16.2
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.937 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074915.D
 Acq: 17 Oct 2022 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	10200
Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.6
145	36.2	15.8	47.4

