

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073199.D
 Acq On : 28 Jun 2022 12:35
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 28 16:18:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 15:54:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	326725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	529992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	483624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	226372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	197894	41.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.920%
35) Dibromofluoromethane	7.951	113	167422	47.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	10.375	98	562060	44.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.760%
62) 4-Bromofluorobenzene	12.668	95	241113	50.099	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	1586	0.332	ug/l	99
3) Chloromethane	2.263	50	1525	0.329	ug/l	95
5) Bromomethane	2.834	94	1632	0.877	ug/l	99
7) Trichlorofluoromethane	3.340	101	1445	0.212	ug/l #	65
9) 1,1,2-Trichlorotrifluo...	4.157	101	956	0.238	ug/l #	42
10) Methyl Iodide	4.351	142	834	3.874	ug/l #	77
11) Tert butyl alcohol	5.293	59	374	0.327	ug/l #	72
12) 1,1-Dichloroethene	4.122	96	1038	0.270	ug/l #	80
13) Acrolein	3.993	56	1426	1.975	ug/l	96
15) Acrylonitrile	5.492	53	4380	1.489	ug/l #	88
16) Acetone	4.245	43	2627	0.992	ug/l	94
17) Carbon Disulfide	4.463	76	10471	1.050	ug/l #	93
18) Methyl Acetate	4.781	43	2508	0.338	ug/l #	68
20) Methylene Chloride	5.016	84	1456	0.313	ug/l #	68
21) trans-1,2-Dichloroethene	5.516	96	2033	0.506	ug/l #	87
23) Vinyl Acetate	6.357	43	3883	0.287	ug/l #	93
25) 2-Butanone	7.281	43	5291	1.255	ug/l #	80
26) 2,2-Dichloropropane	7.228	77	2148	0.297	ug/l #	53
27) cis-1,2-Dichloroethene	7.257	96	1311	0.269	ug/l	46
29) Tetrahydrofuran	7.622	42	2318	0.803	ug/l #	67
31) Cyclohexane	8.016	56	8298	1.074	ug/l #	18
36) 1,1-Dichloropropene	8.145	75	2542	0.469	ug/l #	80
38) Carbon Tetrachloride	8.016	117	33154	5.909	ug/l #	16
39) Methylcyclohexane	9.392	83	1808	0.268	ug/l #	81
42) 1,2-Dichloroethane	8.457	62	1429	0.235	ug/l #	74
44) Trichloroethene	9.145	130	1686	0.396	ug/l	88
46) Dibromomethane	9.510	93	969	0.334	ug/l #	64
49) 1,4-Dioxane	9.510	88	297	2.868	ug/l #	52
51) 4-Methyl-2-Pentanone	10.269	43	4292	0.574	ug/l #	80
52) Toluene	10.445	92	2083	0.201	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	1641	0.266	ug/l #	57
58) 2-Chloroethyl Vinyl ether	9.980	63	1086	0.354	ug/l #	81
59) 2-Hexanone	11.033	43	9245	1.623	ug/l	89
61) 1,2-Dibromoethane	11.274	107	1073	0.252	ug/l #	80
64) Tetrachloroethene	10.910	164	1811	0.459	ug/l #	78
65) Chlorobenzene	11.710	112	3863	0.353	ug/l	97

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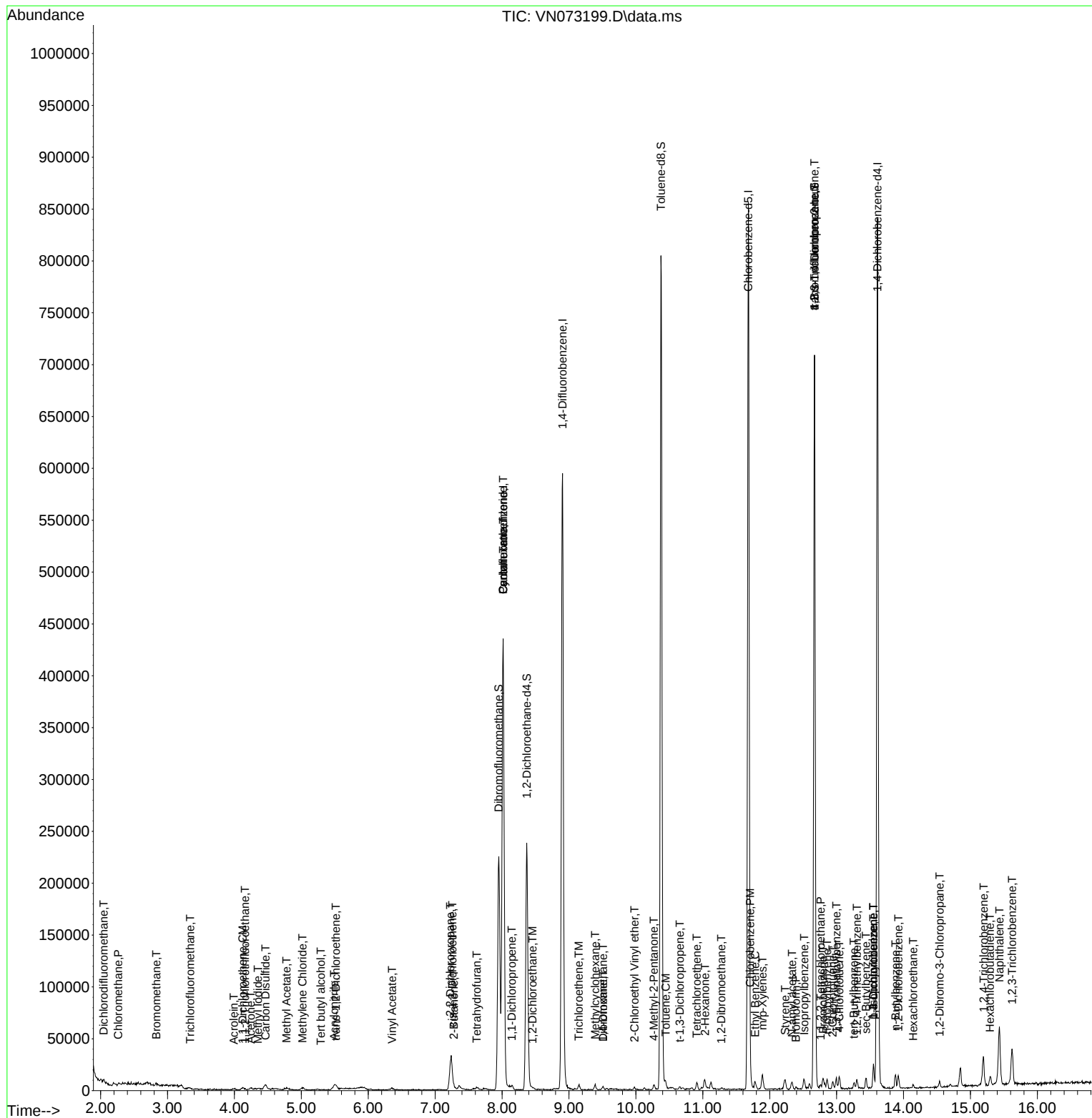
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	11.780	91	5119	0.258	ug/l	92
68) m/p-Xylenes	11.892	106	4576	0.611	ug/l	94
70) Styrene	12.233	104	3605	0.305	ug/l	93
71) Bromoform	12.392	173	878	0.298	ug/l #	28
73) Isopropylbenzene	12.516	105	4195	0.215	ug/l	99
74) N-amyl acetate	12.333	43	4506	0.460	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.763	83	1410	0.217	ug/l #	84
76) 1,2,3-Trichloropropane	12.668	75	126768	21.417	ug/l #	1
77) Bromobenzene	12.798	156	2009	0.442	ug/l	95
78) n-propylbenzene	12.857	91	7987	0.368	ug/l	89
79) 2-Chlorotoluene	12.939	91	5164	0.376	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	4183	0.263	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.668	75	126768	58.734	ug/l #	10
82) 4-Chlorotoluene	13.039	91	7394	0.556	ug/l	97
83) tert-Butylbenzene	13.257	119	3049	0.213	ug/l	90
84) 1,2,4-Trimethylbenzene	13.304	105	6265	0.394	ug/l	85
85) sec-Butylbenzene	13.439	105	5779	0.301	ug/l	97
86) p-Isopropyltoluene	13.551	119	5758	0.372	ug/l	92
87) 1,3-Dichlorobenzene	13.551	146	6058	0.743	ug/l	95
88) 1,4-Dichlorobenzene	13.551	146	6058	0.742	ug/l	95
89) n-Butylbenzene	13.880	91	7962	0.617	ug/l	92
90) Hexachloroethane	14.145	117	589	0.204	ug/l	63
91) 1,2-Dichlorobenzene	13.921	146	5186	0.624	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.539	75	1563	0.991	ug/l	80
93) 1,2,4-Trichlorobenzene	15.198	180	10508	2.430	ug/l	99
94) Hexachlorobutadiene	15.292	225	2047	1.065	ug/l	86
95) Naphthalene	15.433	128	61725	3.538	ug/l	98
96) 1,2,3-Trichlorobenzene	15.621	180	13559	3.039	ug/l	95

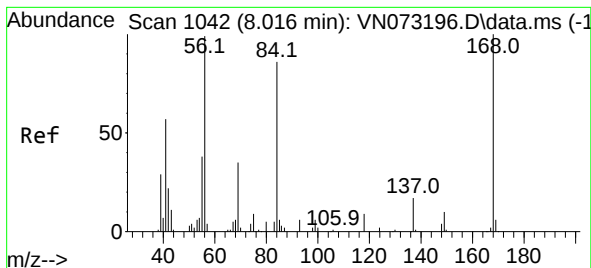
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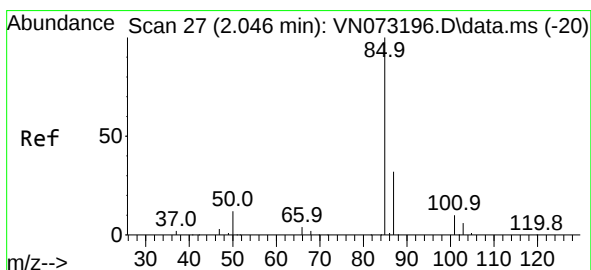
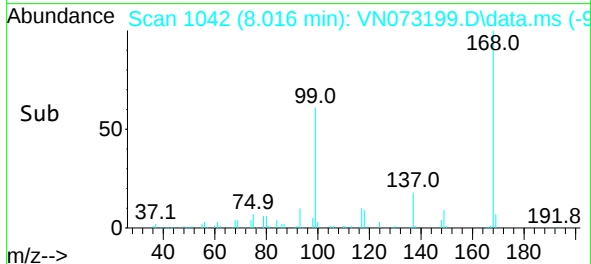
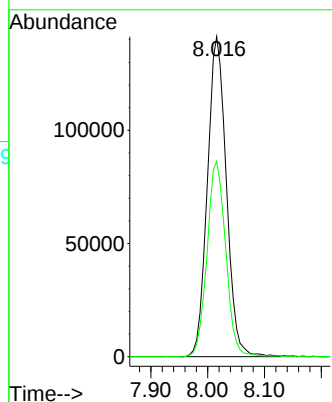
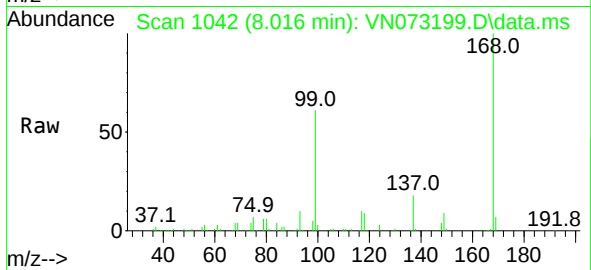




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073199.D
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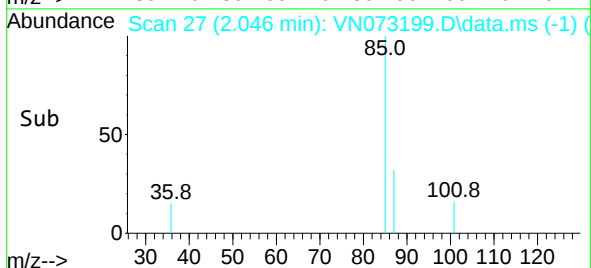
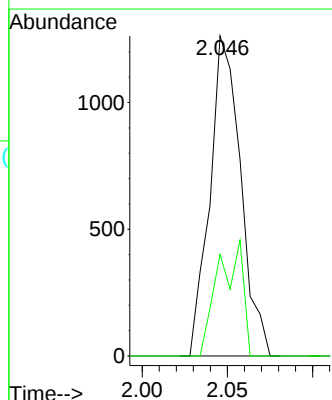
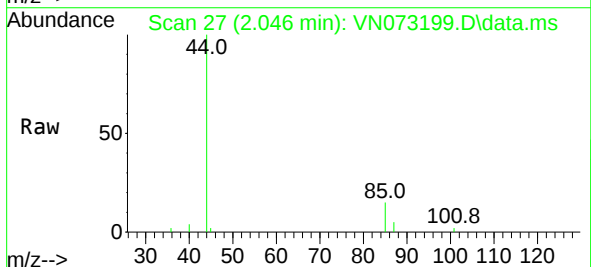
Instrument :
MSVOA_N
ClientSampleId :
IBLK

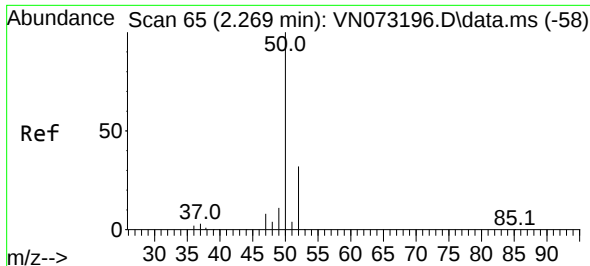
Tgt Ion:168 Resp: 326725
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 0.332 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 85 Resp: 1586
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1

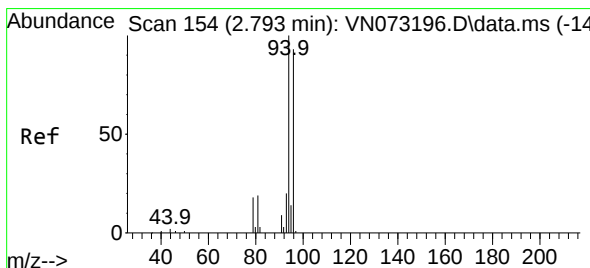
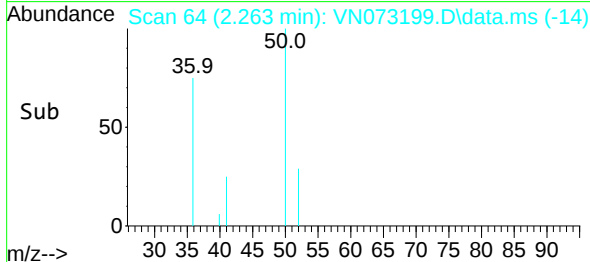
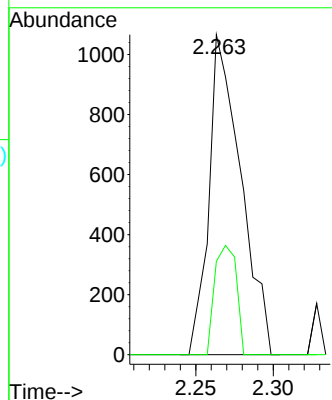
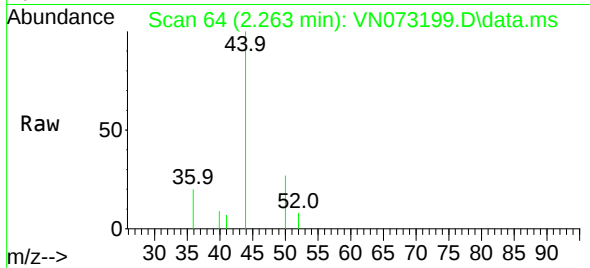




#3
Chloromethane
Concen: 0.329 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073199.D
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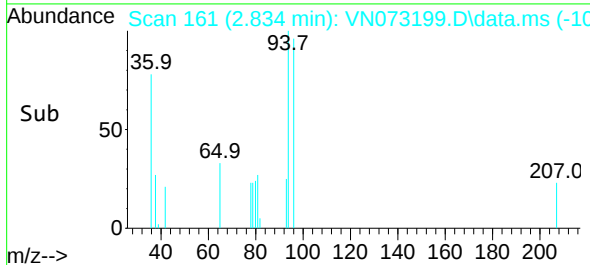
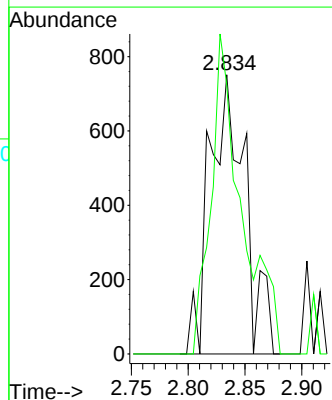
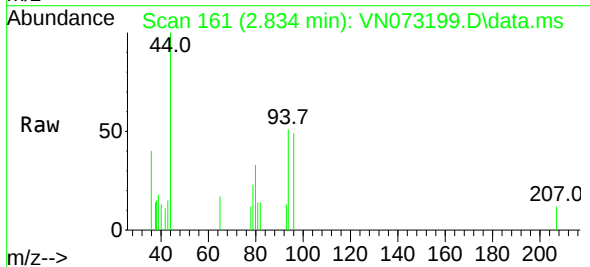
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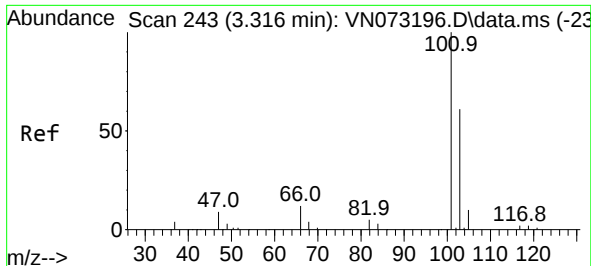
Tgt Ion: 50 Resp: 1525
Ion Ratio Lower Upper
50 100
52 29.2 25.7 38.5



#5
Bromomethane
Concen: 0.877 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.041 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 94 Resp: 1632
Ion Ratio Lower Upper
94 100
96 96.4 76.0 114.0

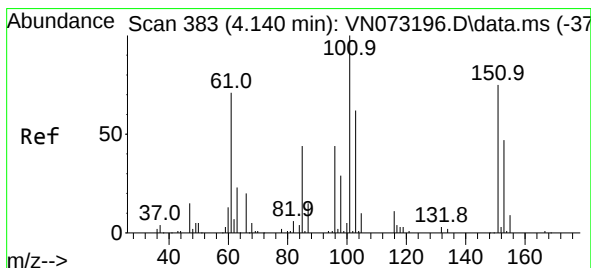
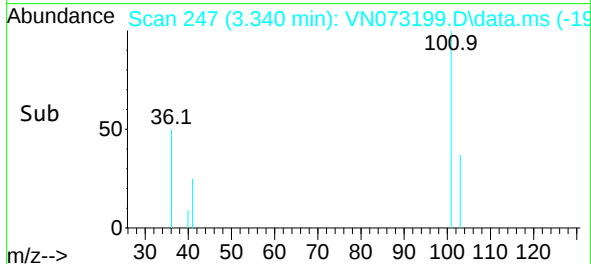
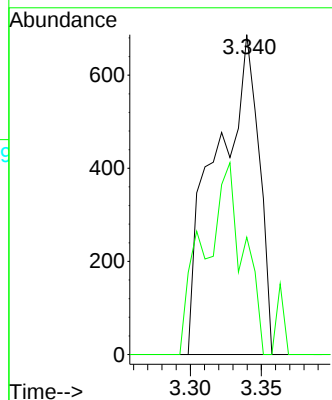
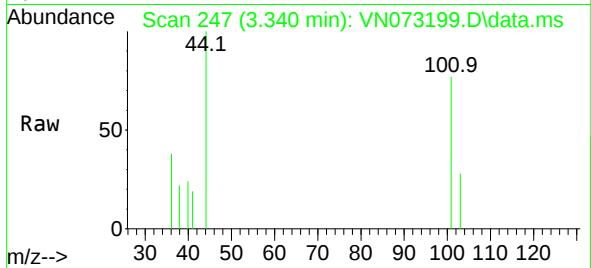




#7
 Trichlorofluoromethane
 Concen: 0.212 ug/l
 RT: 3.340 min Scan# 243
 Delta R.T. 0.024 min
 Lab File: VN073199.D
 Acq: 28 Jun 2022 12:35

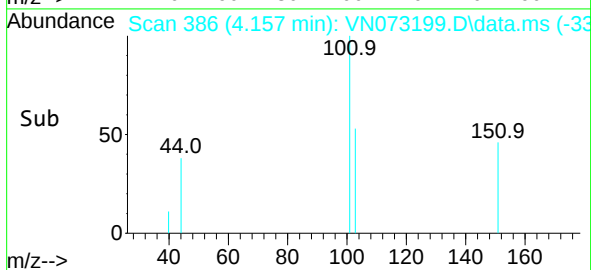
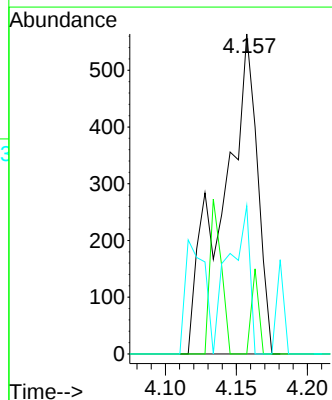
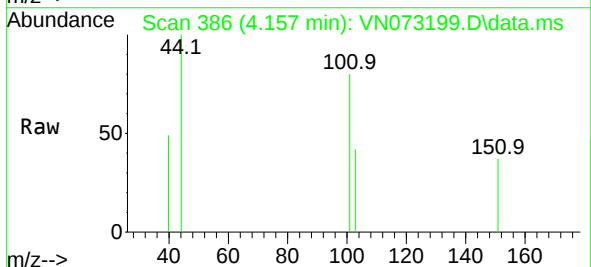
Instrument :
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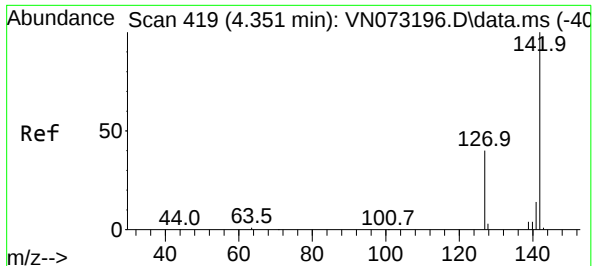
Tgt Ion:101 Resp: 1445
 Ion Ratio Lower Upper
 101 100
 103 36.7 51.5 77.3#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.238 ug/l
 RT: 4.157 min Scan# 386
 Delta R.T. 0.017 min
 Lab File: VN073199.D
 Acq: 28 Jun 2022 12:35

Tgt Ion:101 Resp: 956
 Ion Ratio Lower Upper
 101 100
 85 5.5 34.7 52.1#
 151 28.1 63.0 94.4#

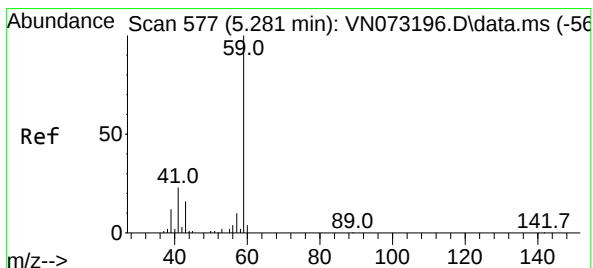
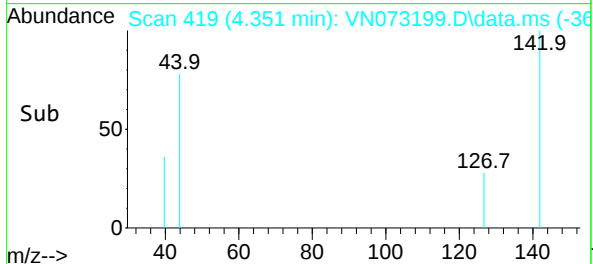
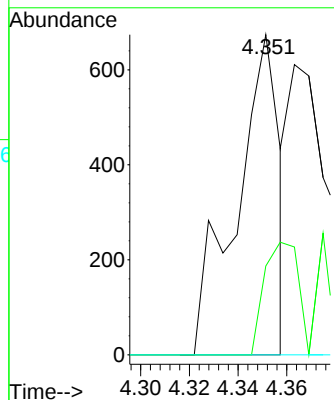
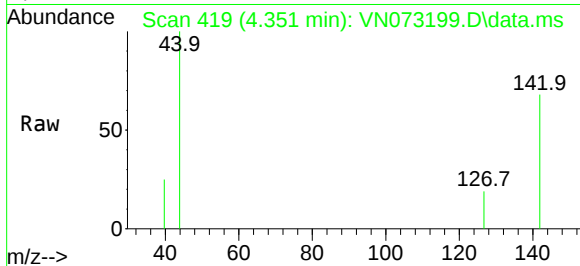




#10
Methyl Iodide
Concen: 3.874 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

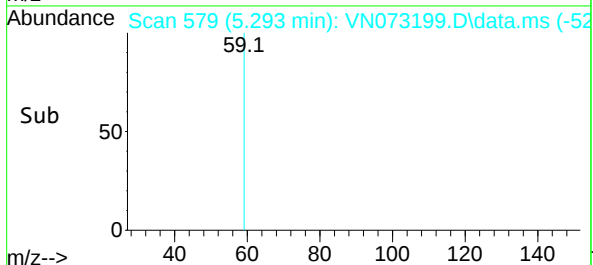
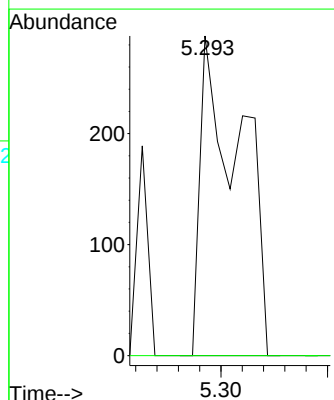
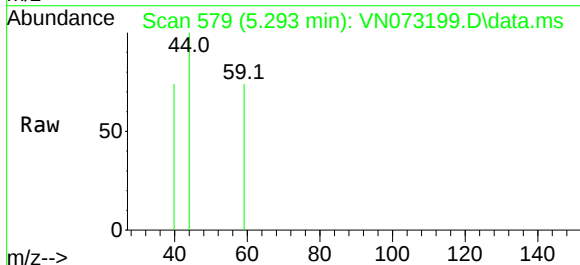
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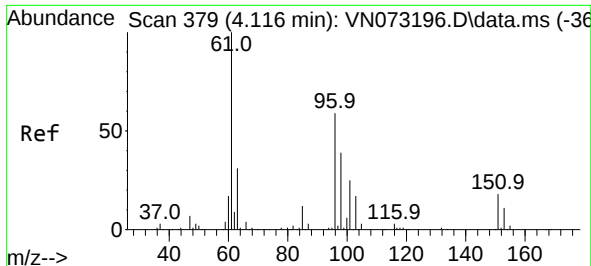
Tgt Ion:142 Resp: 834
Ion Ratio Lower Upper
142 100
127 27.6 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.327 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.012 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 59 Resp: 374
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.270 ug/l

RT: 4.122 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN073199.D

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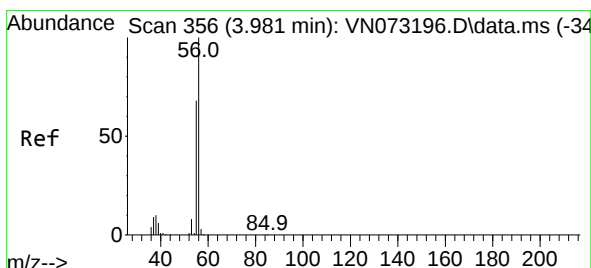
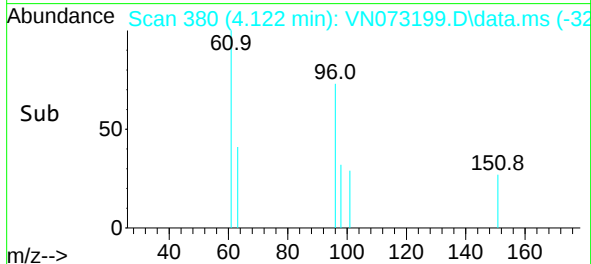
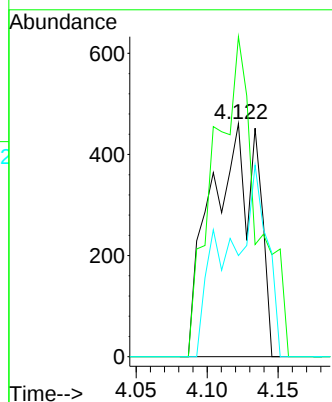
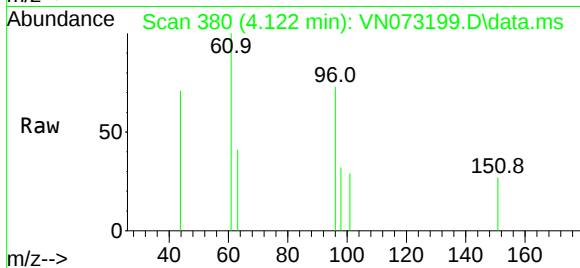
Tgt Ion: 96 Resp: 1038

Ion Ratio Lower Upper

96 100

61 137.3 127.6 191.4

98 43.4 51.2 76.8#



#13

Acrolein

Concen: 1.975 ug/l

RT: 3.993 min Scan# 358

Delta R.T. 0.012 min

Lab File: VN073199.D

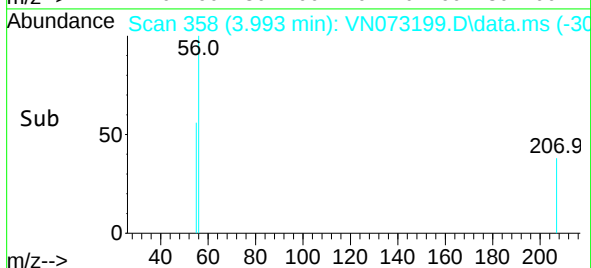
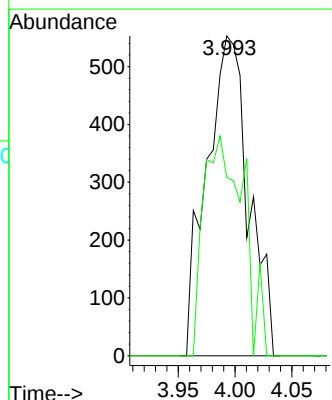
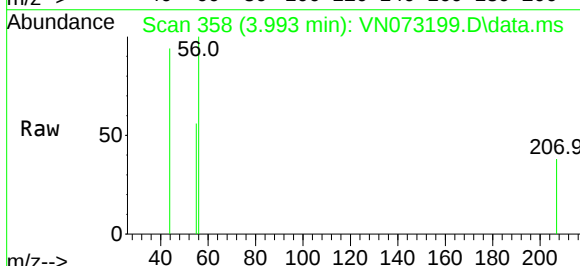
Acq: 28 Jun 2022 12:35

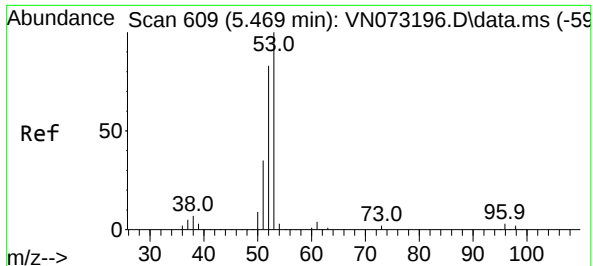
Tgt Ion: 56 Resp: 1426

Ion Ratio Lower Upper

56 100

55 65.6 54.8 82.2

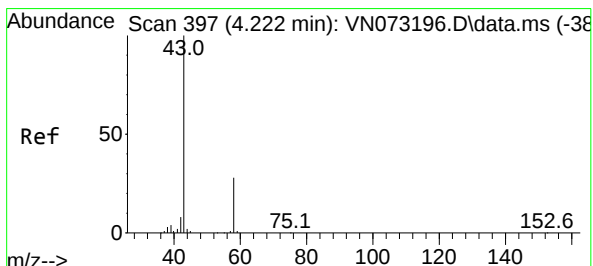
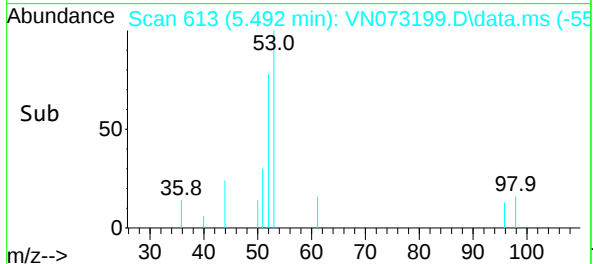
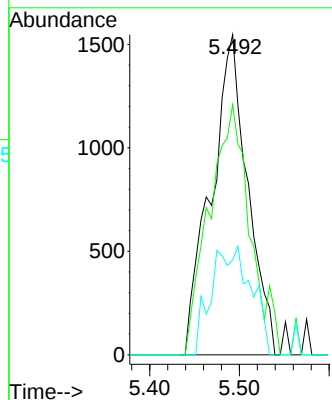
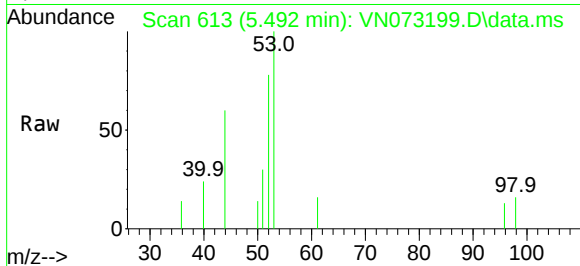




#15
Acrylonitrile
Concen: 1.489 ug/l
RT: 5.492 min Scan# 61
Delta R.T. 0.023 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

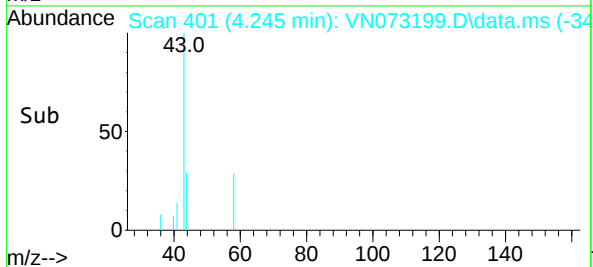
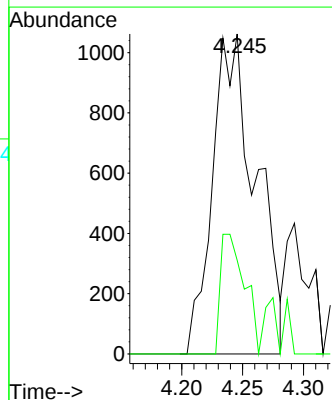
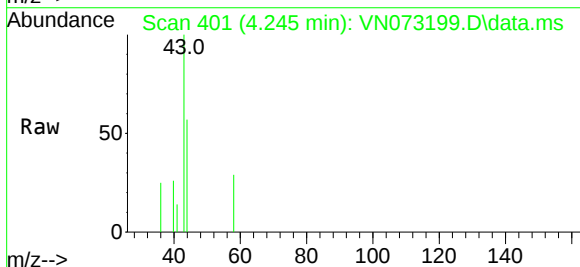
Instrument :
MSVOA_N
ClientSampleId :
IBLK

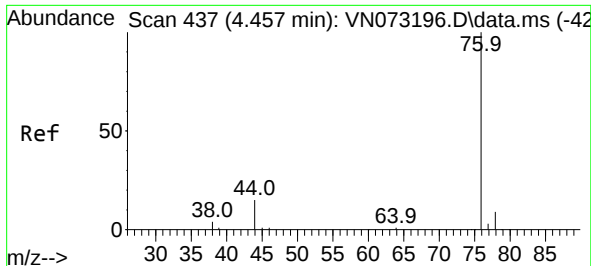
Tgt Ion: 53 Resp: 4380
Ion Ratio Lower Upper
53 100
52 86.9 66.4 99.6
51 17.3 28.5 42.7#



#16
Acetone
Concen: 0.992 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.023 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 43 Resp: 2627
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0





#17

Carbon Disulfide

Concen: 1.050 ug/l

RT: 4.463 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

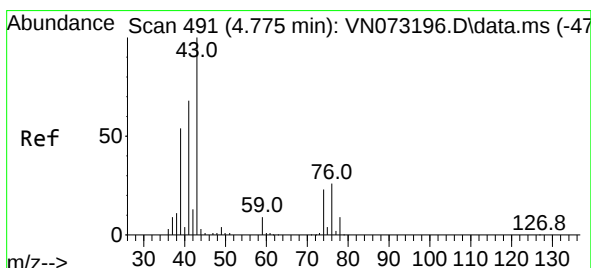
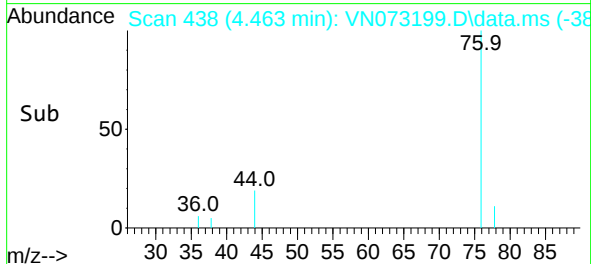
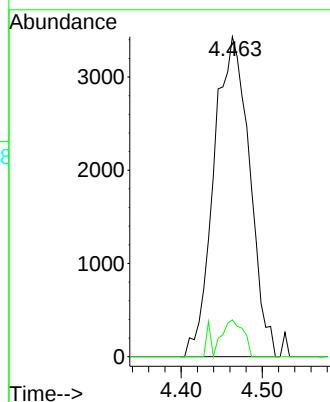
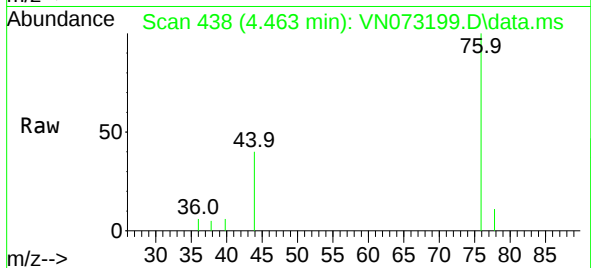
IBLK

Tgt Ion: 76 Resp: 10471

Ion Ratio Lower Upper

76 100

78 11.5 7.2 10.8#



#18

Methyl Acetate

Concen: 0.338 ug/l

RT: 4.781 min Scan# 492

Delta R.T. 0.006 min

Lab File: VN073199.D

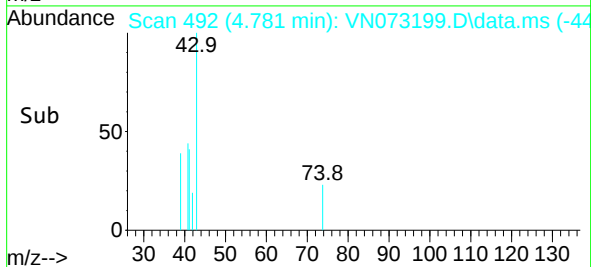
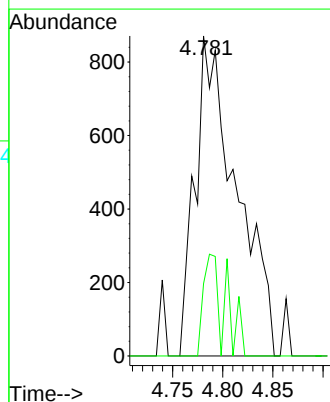
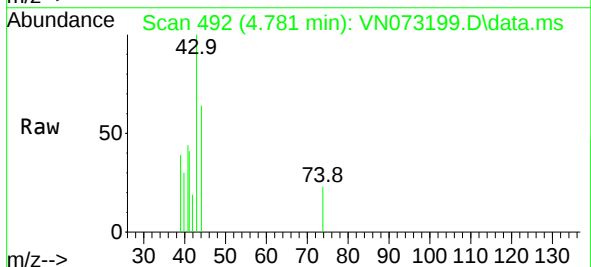
Acq: 28 Jun 2022 12:35

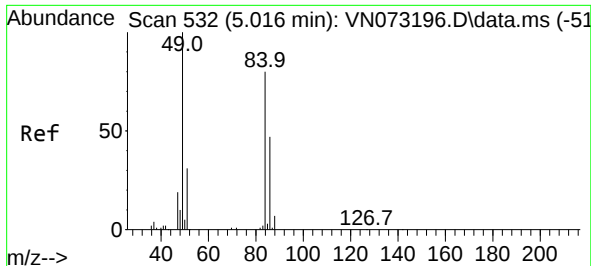
Tgt Ion: 43 Resp: 2508

Ion Ratio Lower Upper

43 100

74 10.5 21.6 32.4#

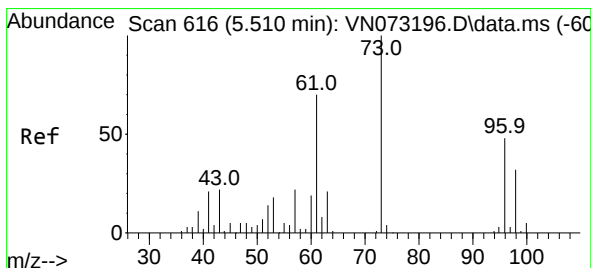
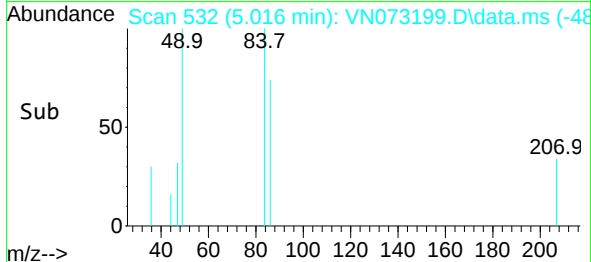
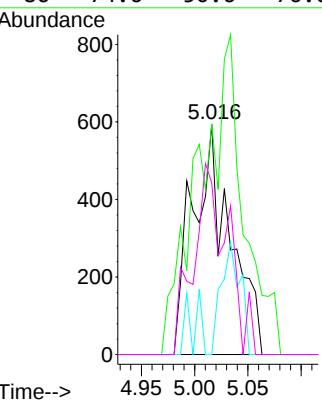
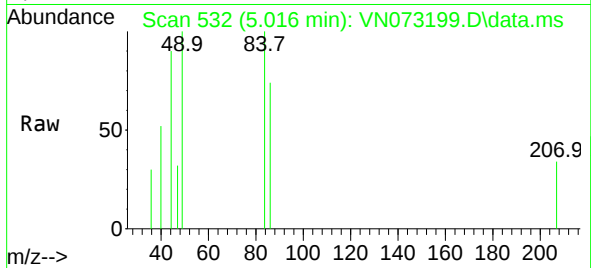




#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

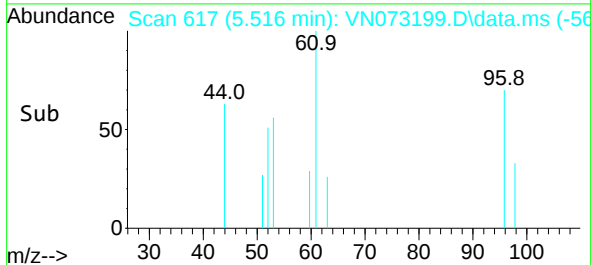
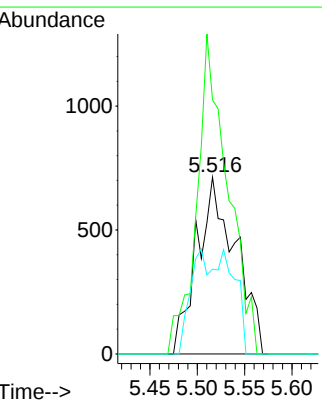
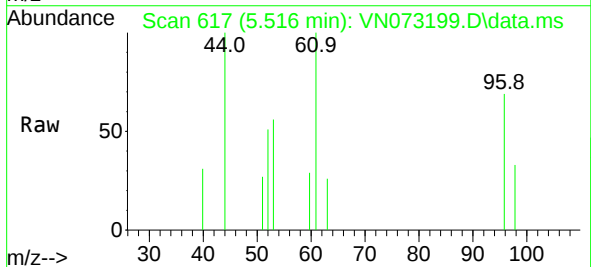
Instrument :
MSVOA_N
ClientSampleId :
IBLK

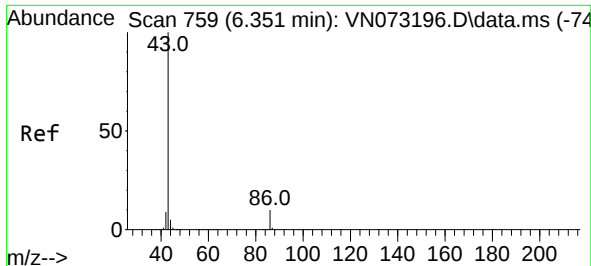
Tgt Ion:	84	Resp:	1456
Ion	Ratio	Lower	Upper
84	100		
49	74.9	88.3	132.5#
51	0.0	28.2	42.2#
86	74.6	50.6	76.0



#21
trans-1,2-Dichloroethene
Concen: 0.506 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion:	96	Resp:	2033
Ion	Ratio	Lower	Upper
96	100		
61	143.8	105.8	158.8
98	48.0	50.3	75.5#

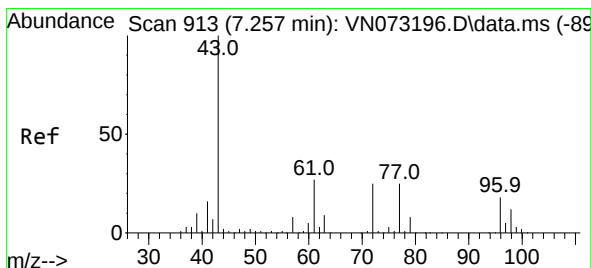
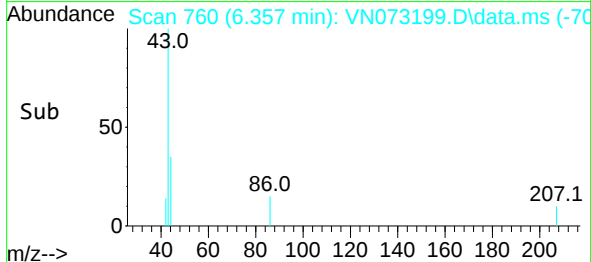
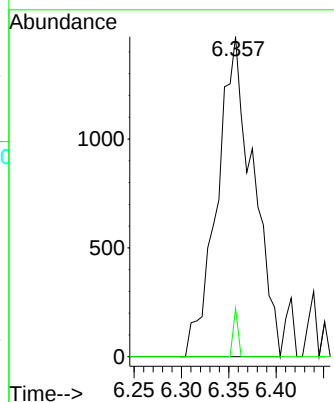
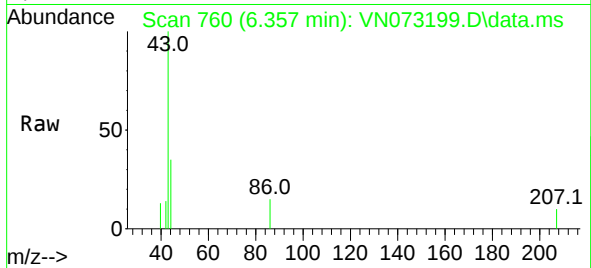




#23
 Vinyl Acetate
 Concen: 0.287 ug/l
 RT: 6.357 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN073199.D
 Acq: 28 Jun 2022 12:35

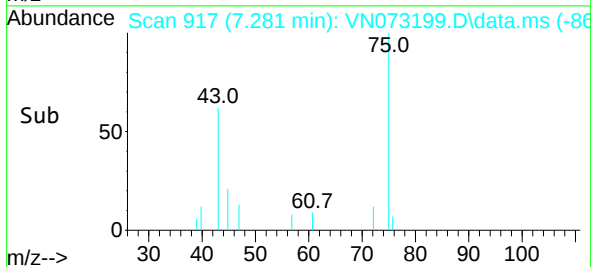
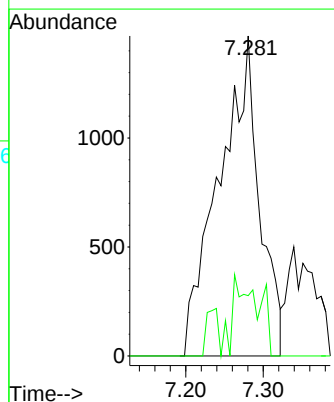
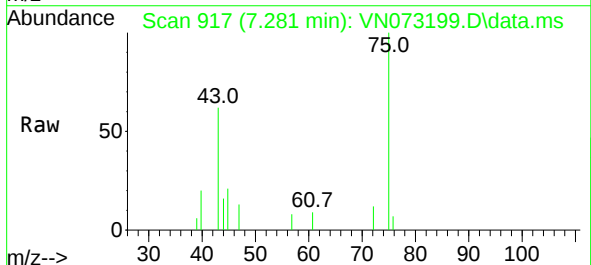
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

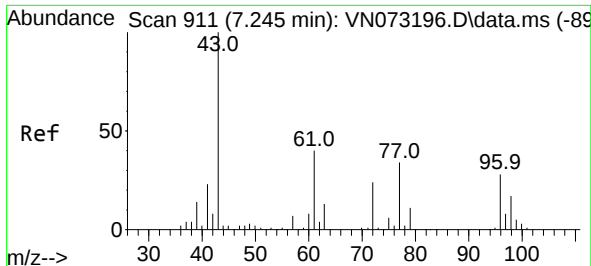
Tgt Ion: 43 Resp: 3883
 Ion Ratio Lower Upper
 43 100
 86 15.1 10.0 15.0#



#25
 2-Butanone
 Concen: 1.255 ug/l
 RT: 7.281 min Scan# 917
 Delta R.T. 0.024 min
 Lab File: VN073199.D
 Acq: 28 Jun 2022 12:35

Tgt Ion: 43 Resp: 5291
 Ion Ratio Lower Upper
 43 100
 72 18.9 23.7 35.5#

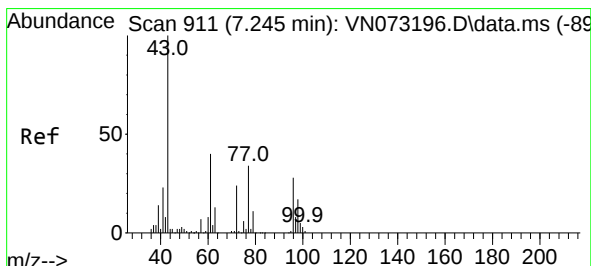
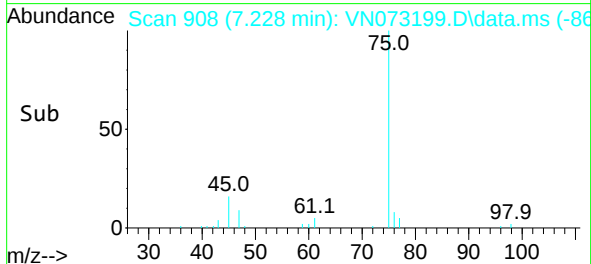
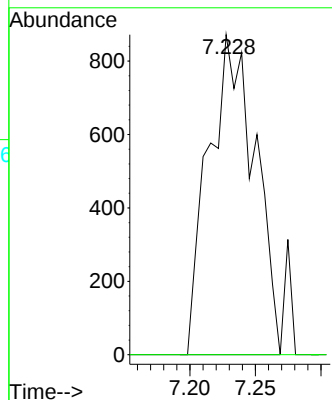
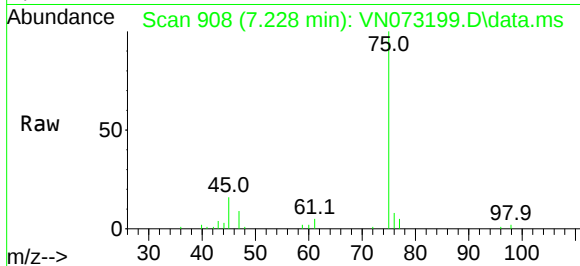




#26
2,2-Dichloropropane
Concen: 0.297 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.017 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

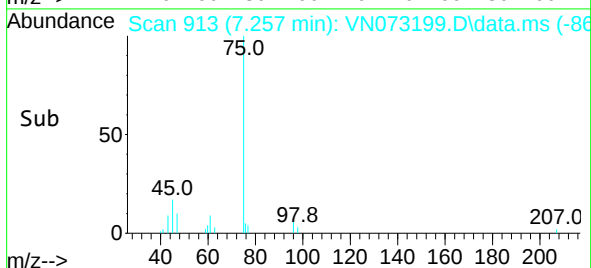
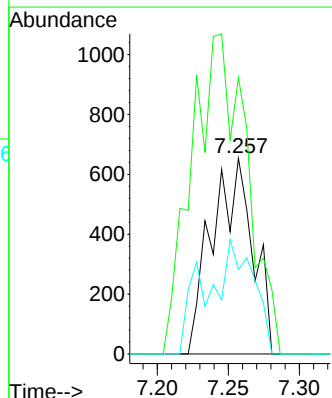
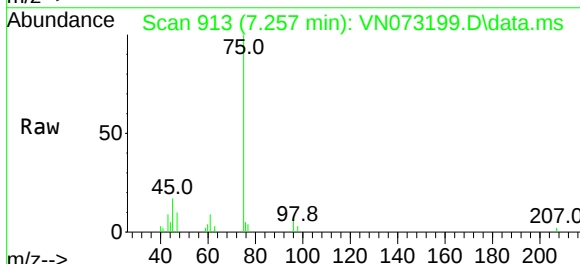
Instrument :
MSVOA_N
ClientSampleId :
IBLK

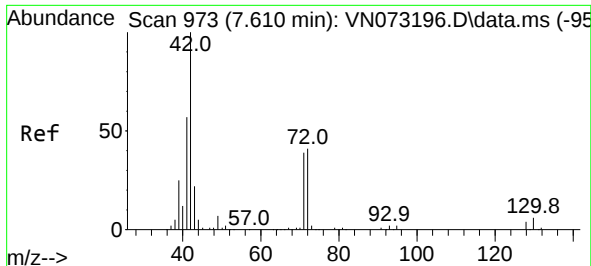
Tgt Ion: 77 Resp: 2148
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#27
cis-1,2-Dichloroethene
Concen: 0.269 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 96 Resp: 1311
Ion Ratio Lower Upper
96 100
61 218.1 0.0 280.6
98 37.8 0.0 128.4





#29

Tetrahydrofuran

Concen: 0.803 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

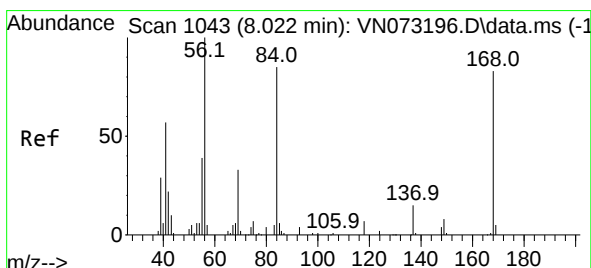
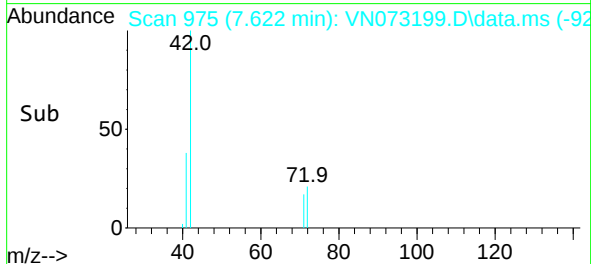
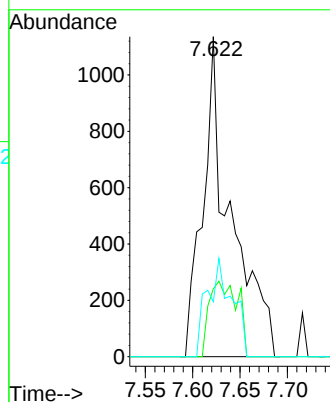
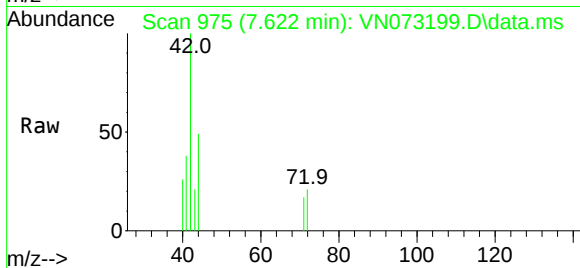
Tgt Ion: 42 Resp: 2318

Ion Ratio Lower Upper

42 100

72 23.9 39.7 59.5#

71 27.5 36.6 55.0#



#31

Cyclohexane

Concen: 1.074 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

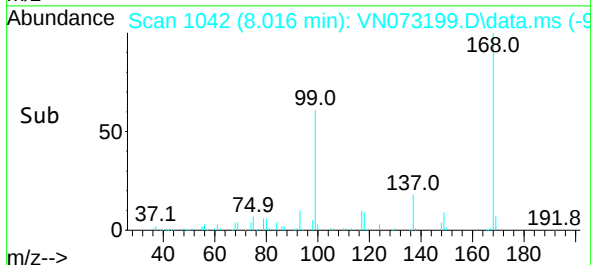
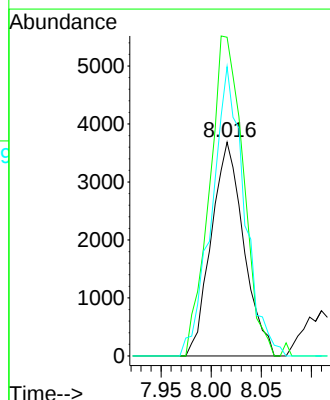
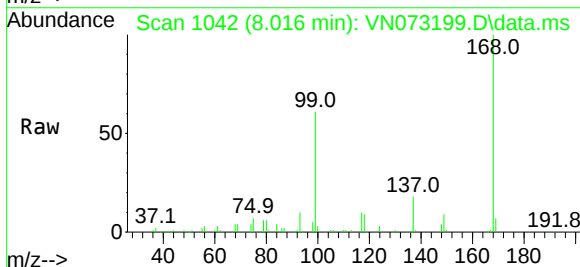
Tgt Ion: 56 Resp: 8298

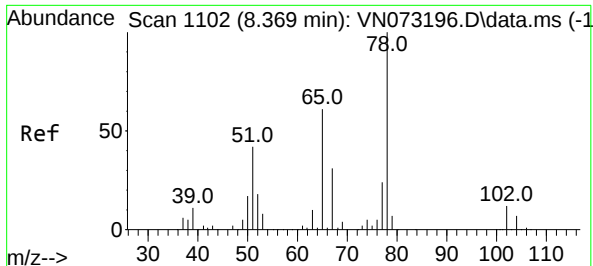
Ion Ratio Lower Upper

56 100

69 149.1 27.8 41.8#

84 135.3 76.9 115.3#

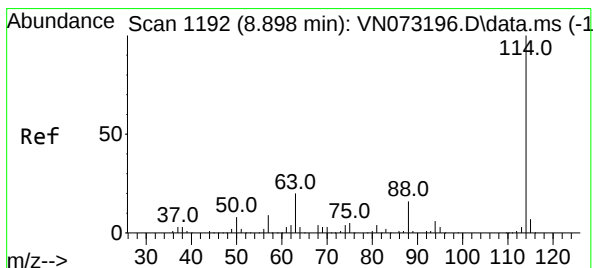
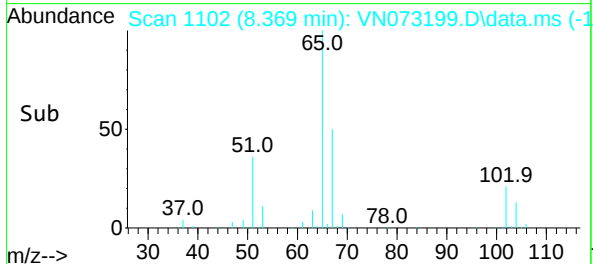
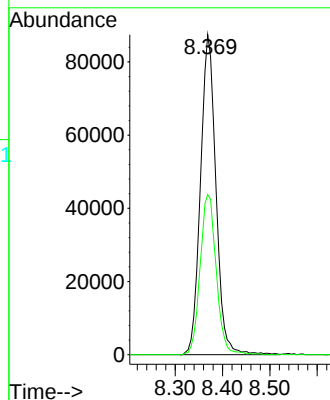
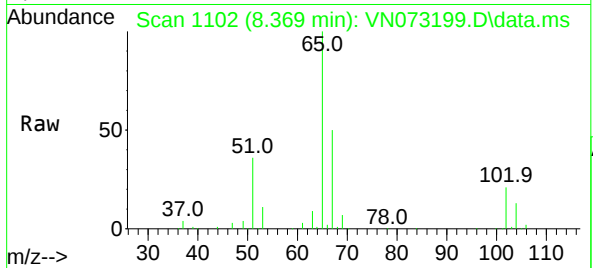




#33
1,2-Dichloroethane-d4
Concen: 41.957 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

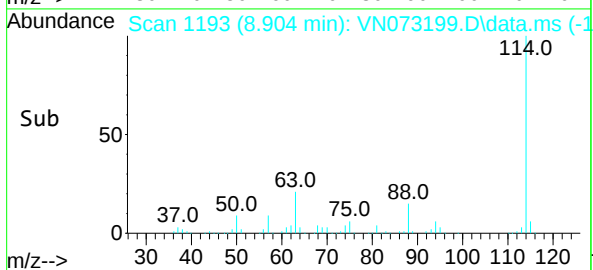
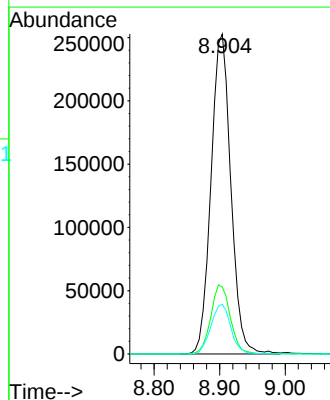
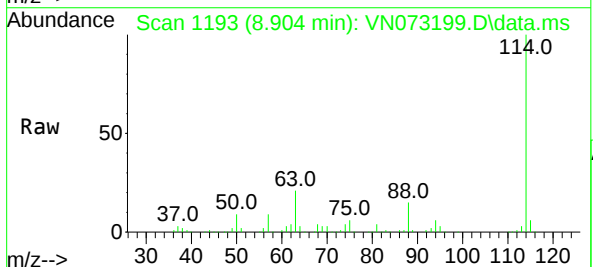
Instrument :
MSVOA_N
ClientSampleId :
IBLK

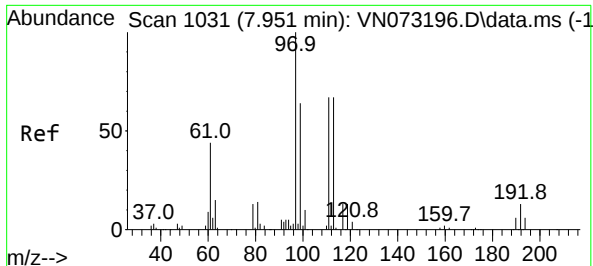
Tgt Ion: 65 Resp: 197894
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 114 Resp: 529992
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 15.5 0.0 32.6

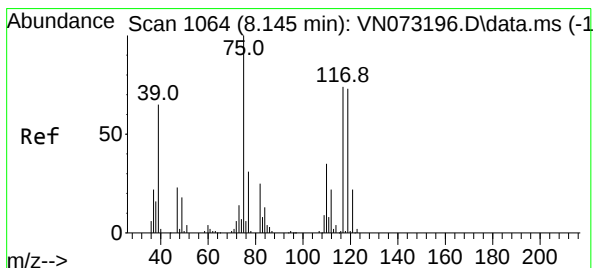
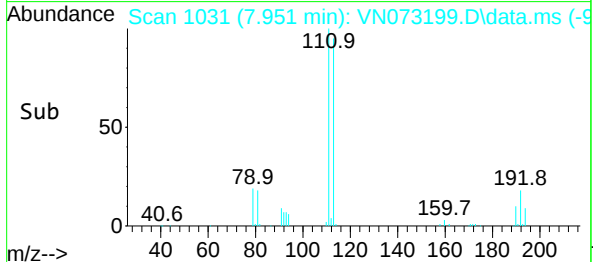
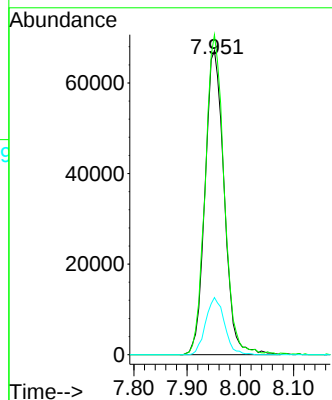
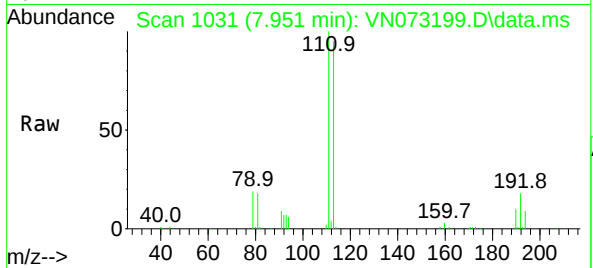




#35
Dibromofluoromethane
Concen: 47.481 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

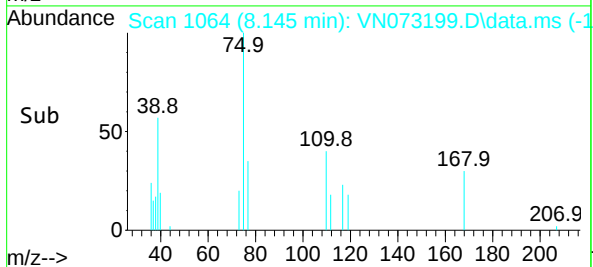
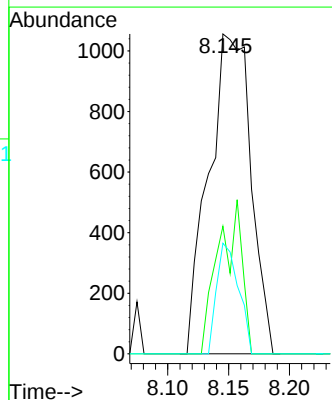
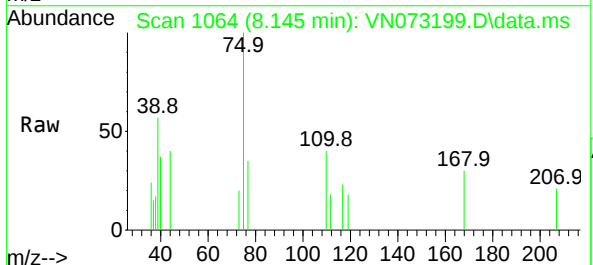
Instrument :
MSVOA_N
ClientSampleId :
IBLK

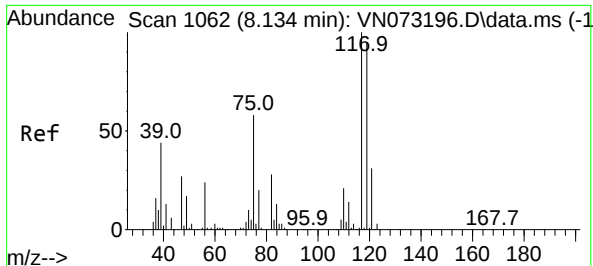
Tgt Ion:113 Resp: 167422
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 0.469 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 75 Resp: 2542
Ion Ratio Lower Upper
75 100
110 27.0 18.3 54.8
77 17.9 25.1 37.7#

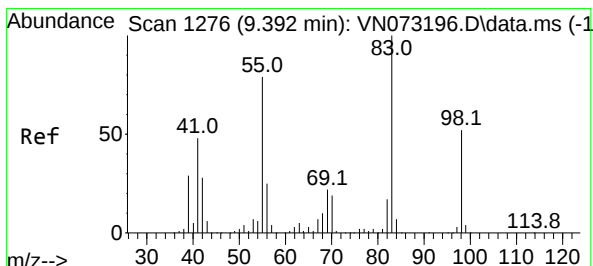
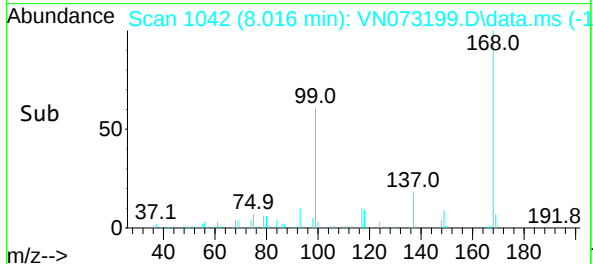
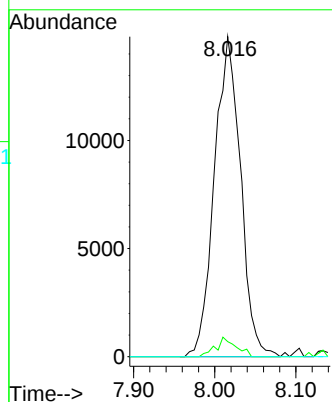
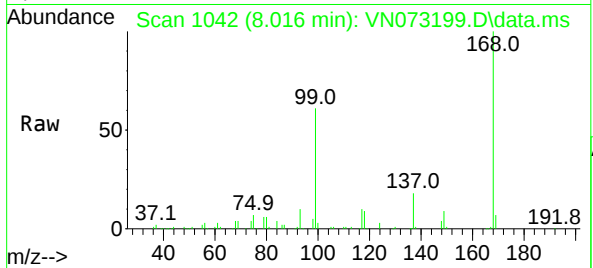




#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

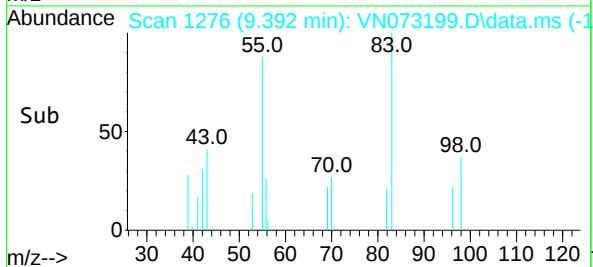
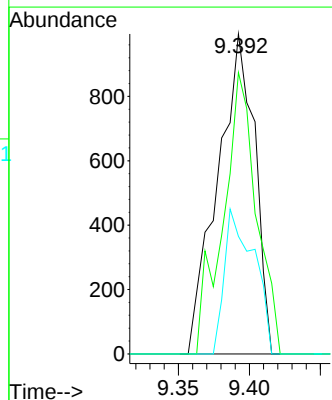
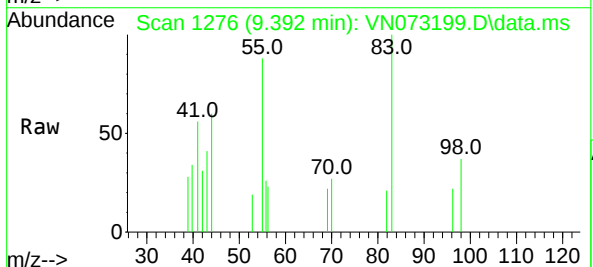
Instrument :
MSVOA_N
ClientSampleId :
IBLK

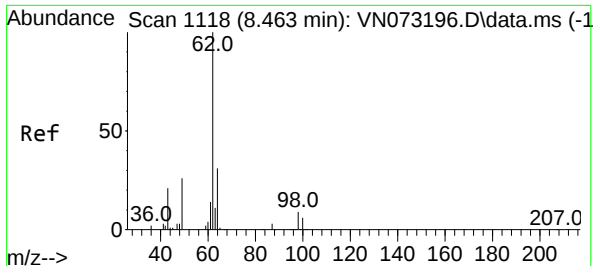
Tgt Ion:117 Resp: 33154
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.268 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 83 Resp: 1808
Ion Ratio Lower Upper
83 100
55 87.9 57.8 86.8#
98 36.7 39.4 59.2#





#42

1,2-Dichloroethane

Concen: 0.235 ug/l

RT: 8.457 min Scan# 1117

Delta R.T. -0.006 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

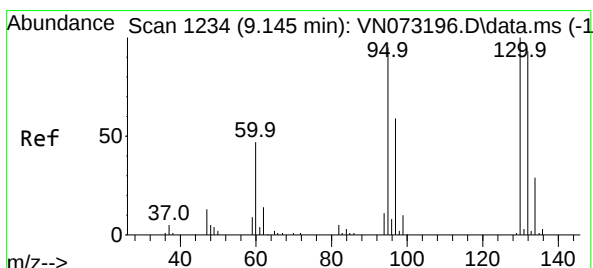
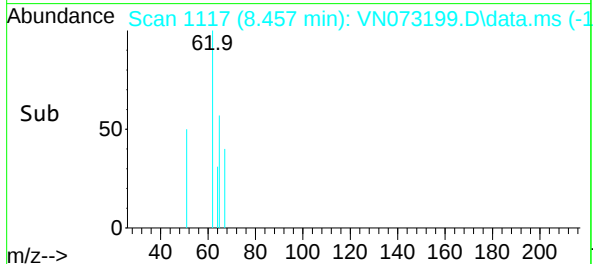
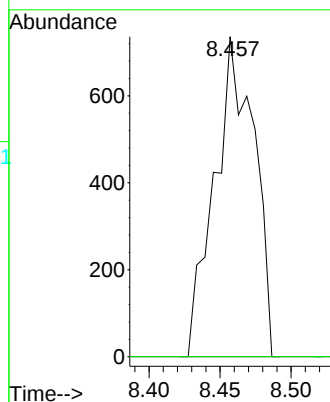
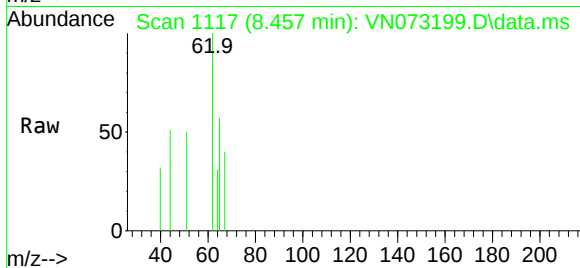
IBLK

Tgt Ion: 62 Resp: 1429

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.4



#44

Trichloroethene

Concen: 0.396 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VN073199.D

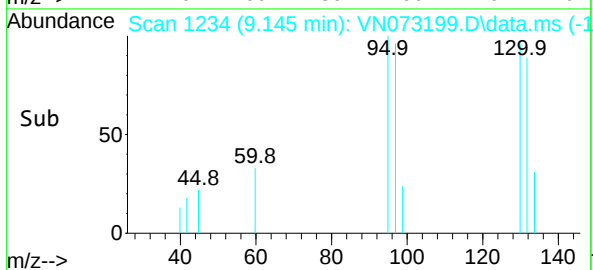
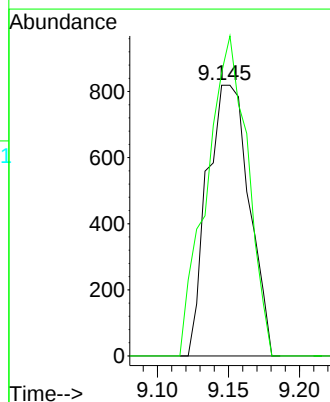
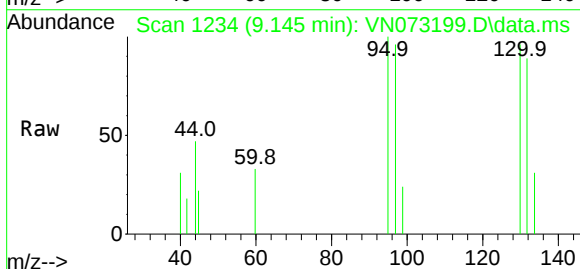
Acq: 28 Jun 2022 12:35

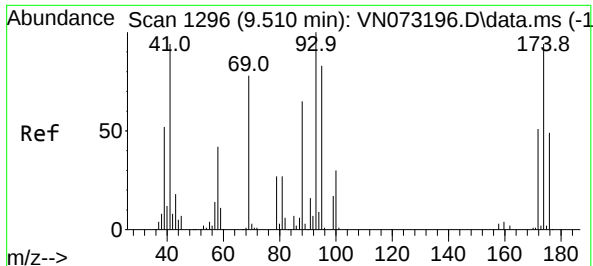
Tgt Ion:130 Resp: 1686

Ion Ratio Lower Upper

130 100

95 104.6 0.0 186.8





#46

Dibromomethane

Concen: 0.334 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

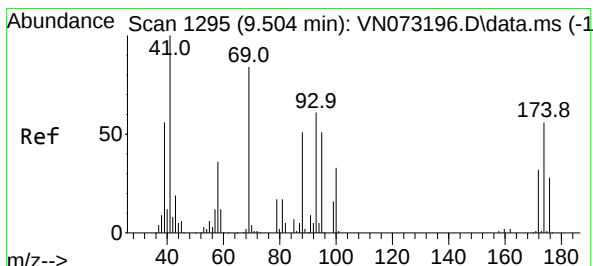
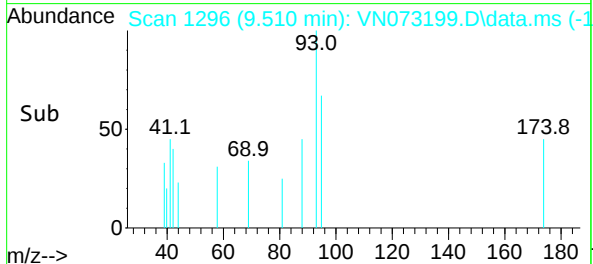
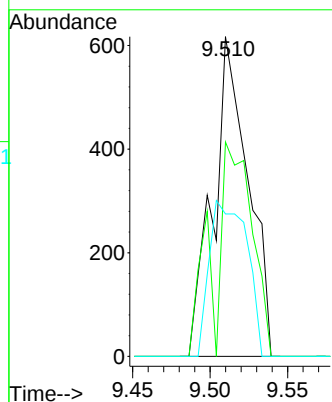
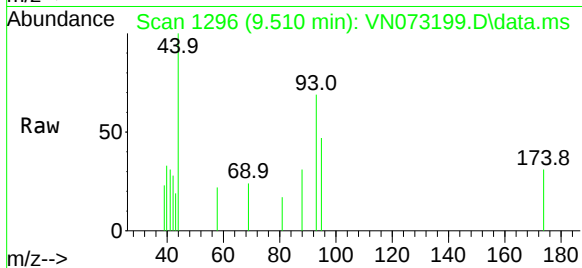
Tgt Ion: 93 Resp: 969

Ion Ratio Lower Upper

93 100

95 72.8 66.9 100.3

174 52.1 86.6 130.0#



#49

1,4-Dioxane

Concen: 2.868 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

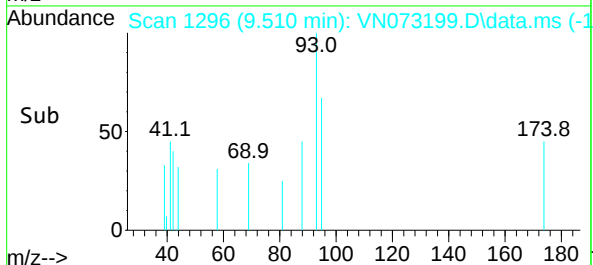
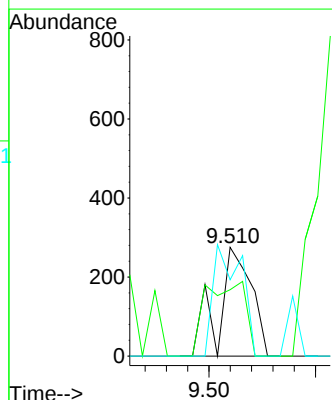
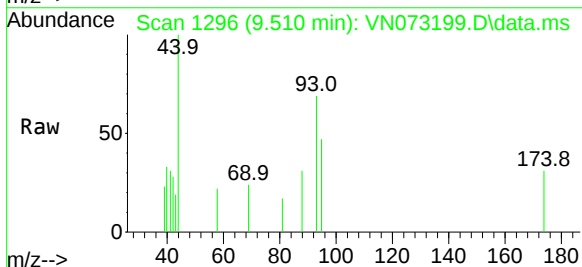
Tgt Ion: 88 Resp: 297

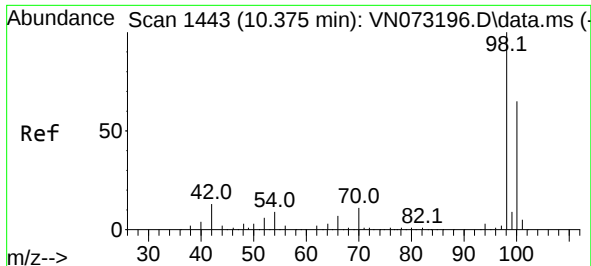
Ion Ratio Lower Upper

88 100

43 82.2 20.2 30.4#

58 86.5 54.2 81.4#





#50

Toluene-d8

Concen: 44.880 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

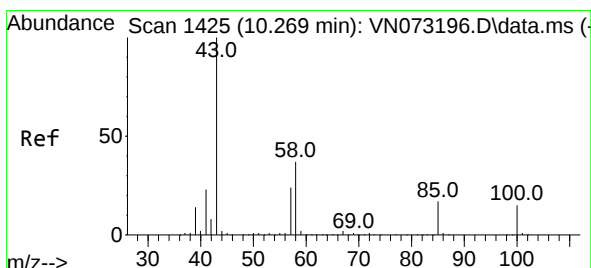
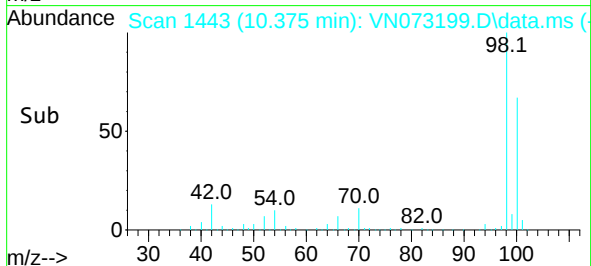
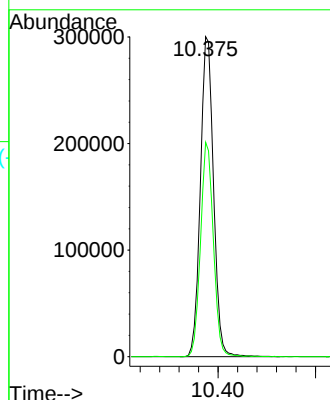
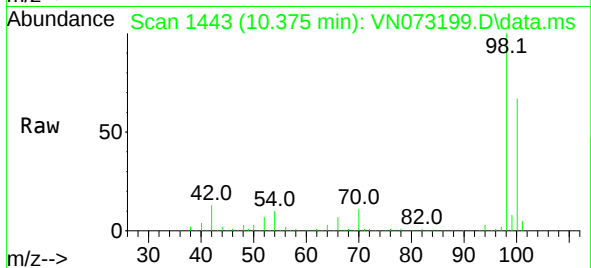
IBLK

Tgt Ion: 98 Resp: 562060

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.574 ug/l

RT: 10.269 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VN073199.D

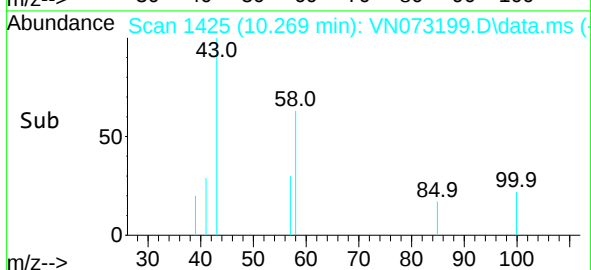
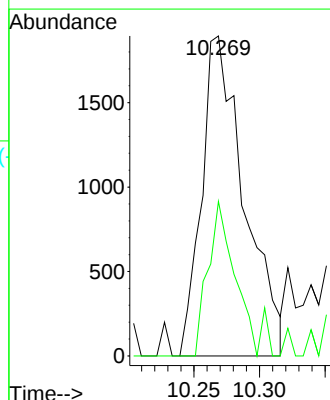
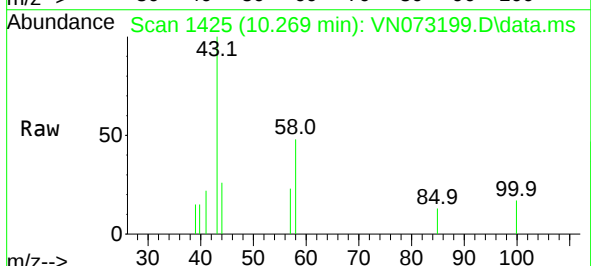
Acq: 28 Jun 2022 12:35

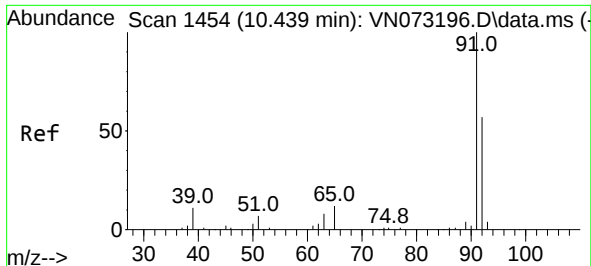
Tgt Ion: 43 Resp: 4292

Ion Ratio Lower Upper

43 100

58 30.1 34.1 51.1#

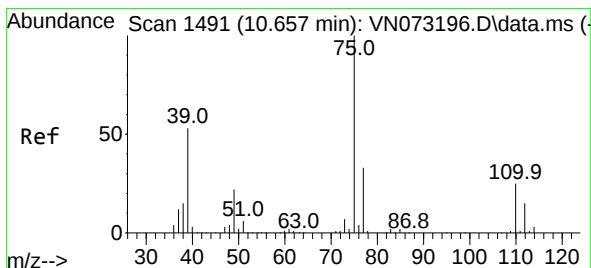
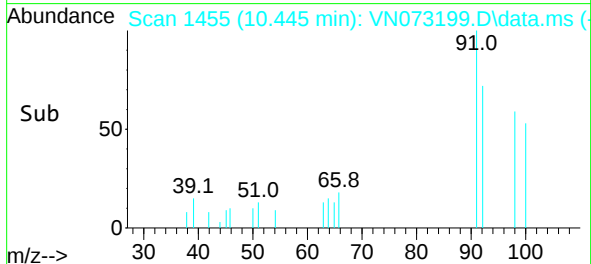
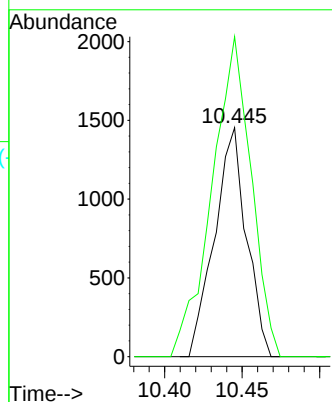
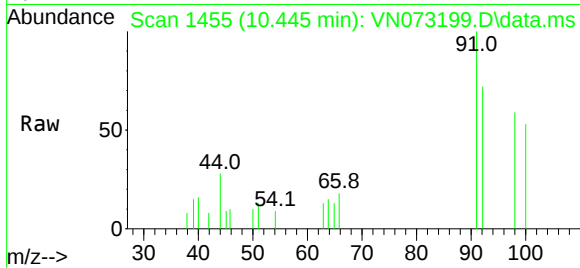




#52
Toluene
Concen: 0.201 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

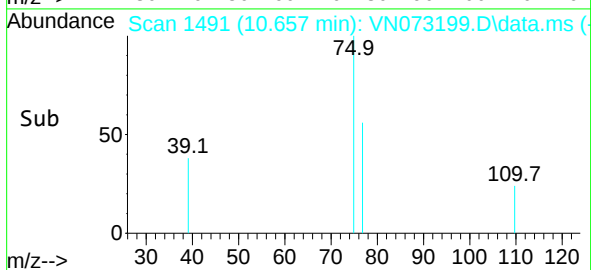
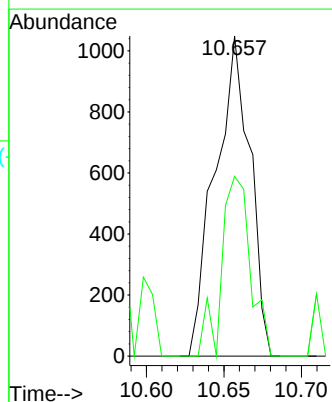
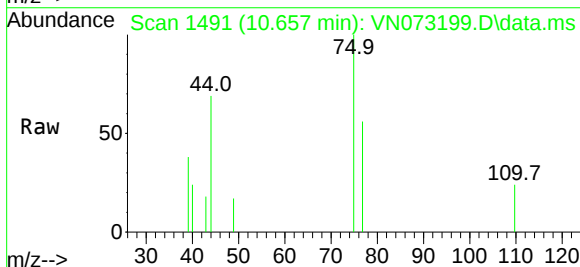
Instrument :
MSVOA_N
ClientSampleId :
IBLK

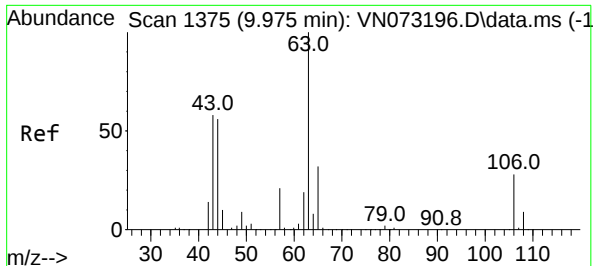
Tgt Ion: 92 Resp: 2083
Ion Ratio Lower Upper
92 100
91 171.4 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 0.266 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 75 Resp: 1641
Ion Ratio Lower Upper
75 100
77 56.1 25.6 38.4#





#58

2-Chloroethyl Vinyl ether

Concen: 0.354 ug/l

RT: 9.980 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

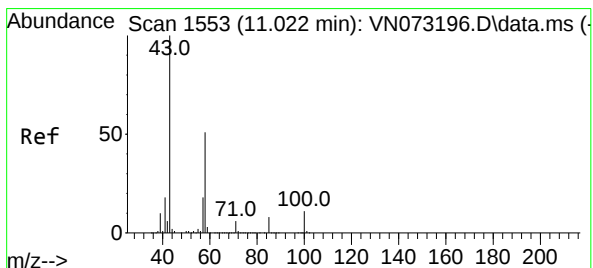
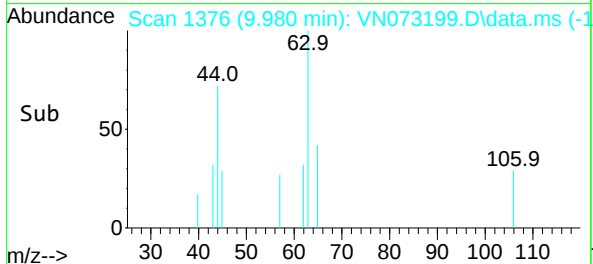
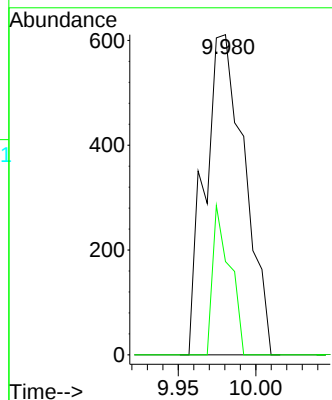
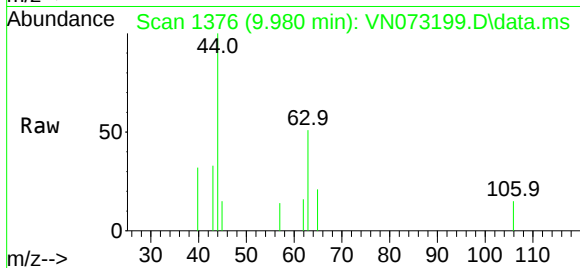
IBLK

Tgt Ion: 63 Resp: 1086

Ion Ratio Lower Upper

63 100

106 20.2 24.6 36.8#



#59

2-Hexanone

Concen: 1.623 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.011 min

Lab File: VN073199.D

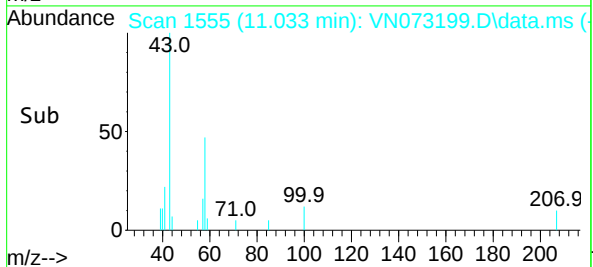
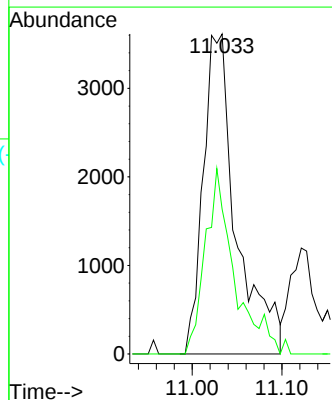
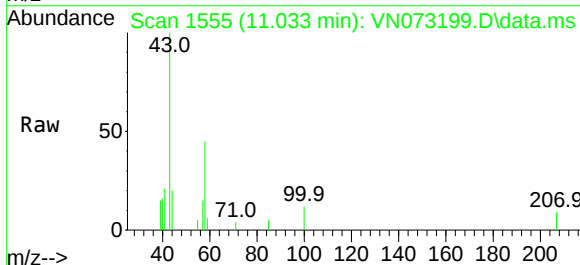
Acq: 28 Jun 2022 12:35

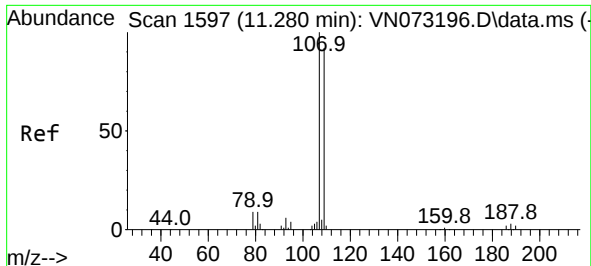
Tgt Ion: 43 Resp: 9245

Ion Ratio Lower Upper

43 100

58 51.2 29.7 89.1

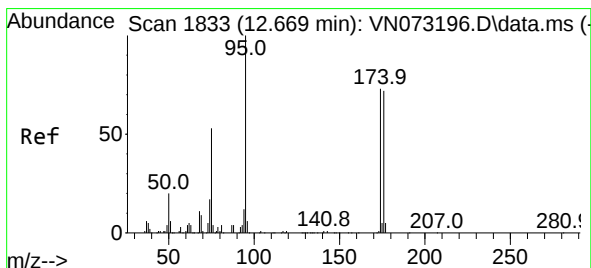
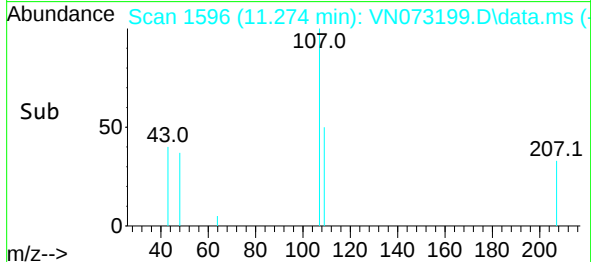
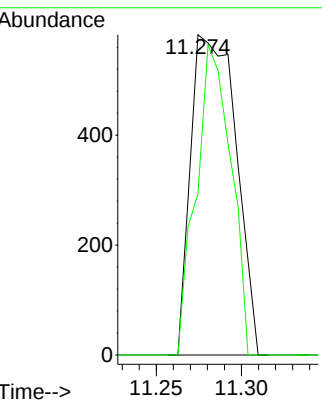
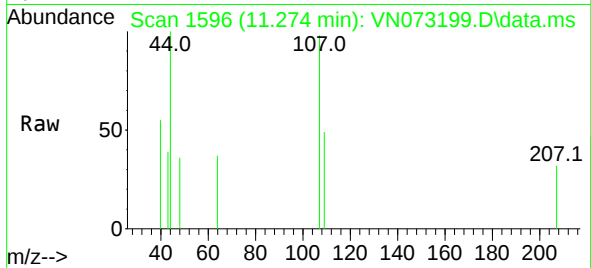




#61
1,2-Dibromoethane
Concen: 0.252 ug/l
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

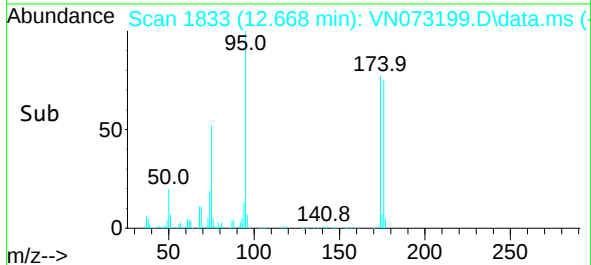
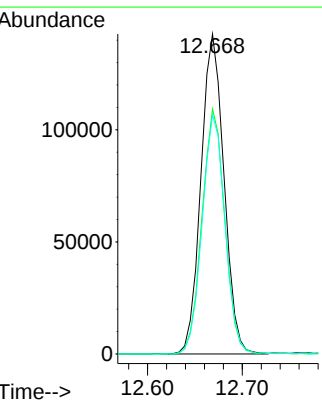
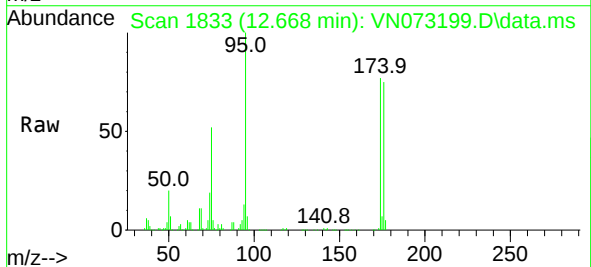
Instrument :
MSVOA_N
ClientSampleId :
IBLK

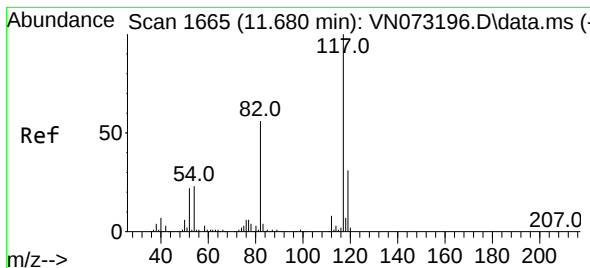
Tgt Ion:107 Resp: 1073
Ion Ratio Lower Upper
107 100
109 74.5 75.0 112.6#



#62
4-Bromofluorobenzene
Concen: 50.099 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 95 Resp: 241113
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 74.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

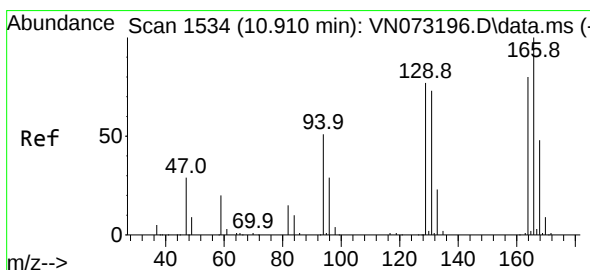
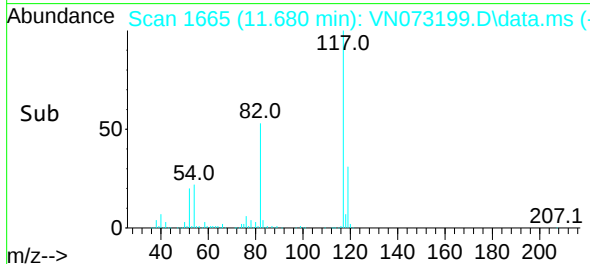
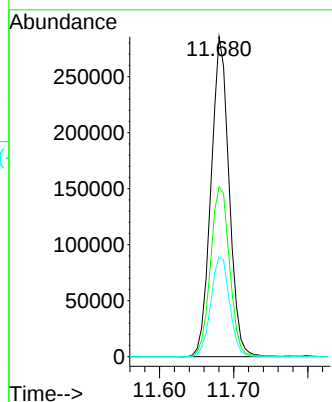
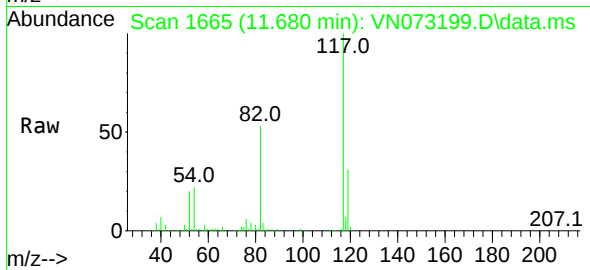
Tgt Ion:117 Resp: 483624

Ion Ratio Lower Upper

117 100

82 53.0 44.2 66.2

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 0.459 ug/l

RT: 10.910 min Scan# 1534

Delta R.T. -0.000 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Tgt Ion:164 Resp: 1811

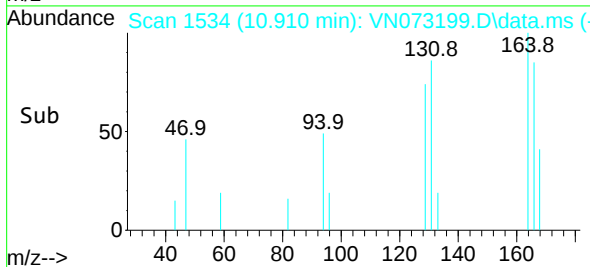
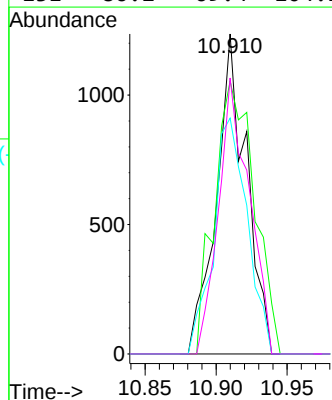
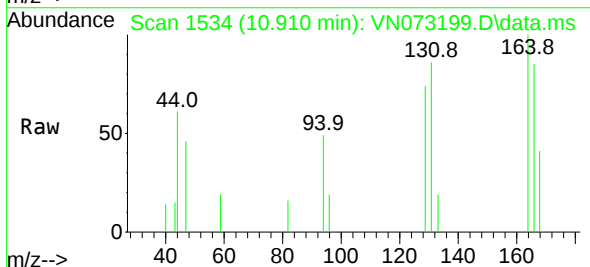
Ion Ratio Lower Upper

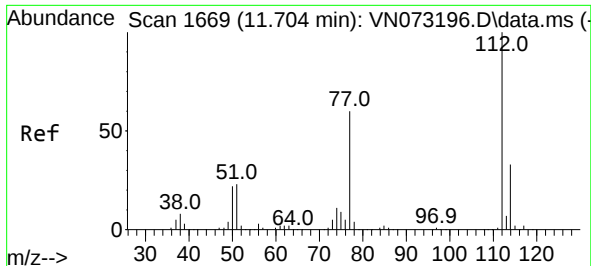
164 100

166 85.4 104.2 156.2#

129 73.7 73.9 110.9#

131 86.2 69.4 104.2

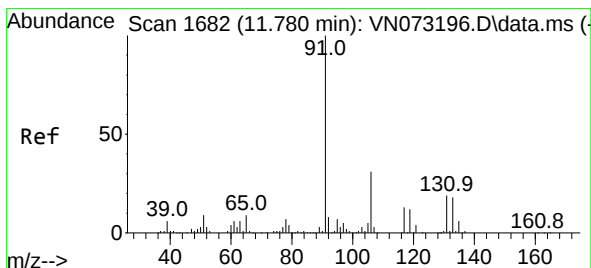
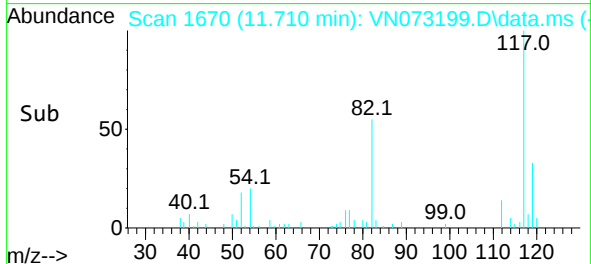
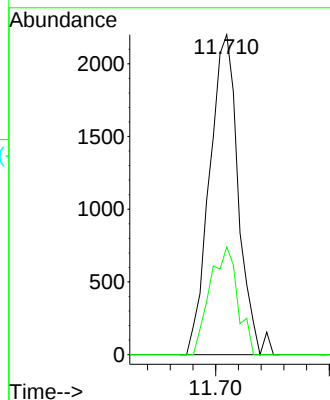
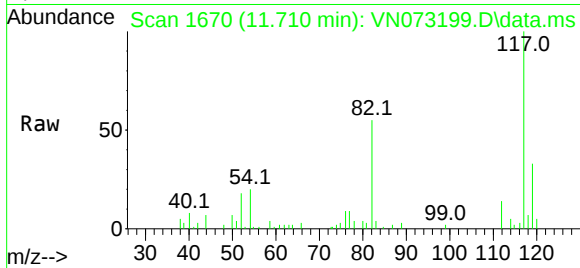




#65
Chlorobenzene
Concen: 0.353 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

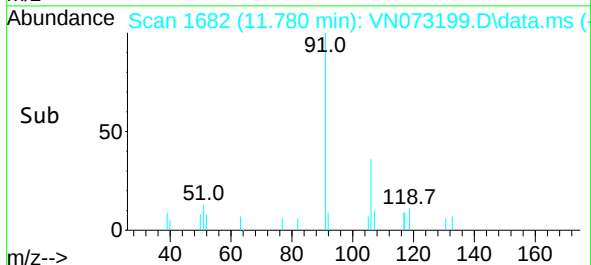
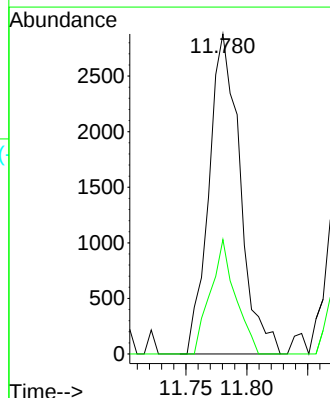
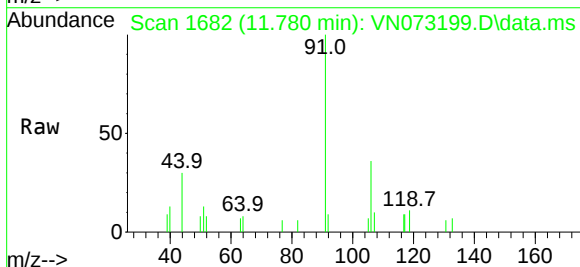
Instrument :
MSVOA_N
ClientSampleId :
IBLK

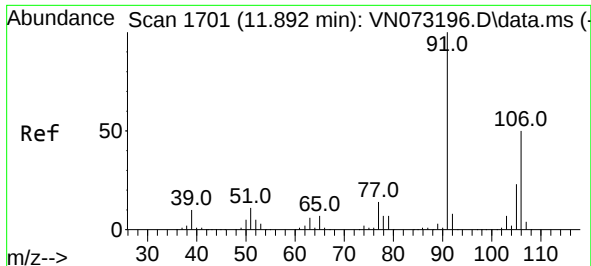
Tgt Ion:112 Resp: 3863
Ion Ratio Lower Upper
112 100
114 33.7 25.4 38.2



#67
Ethyl Benzene
Concen: 0.258 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 91 Resp: 5119
Ion Ratio Lower Upper
91 100
106 35.8 24.9 37.3

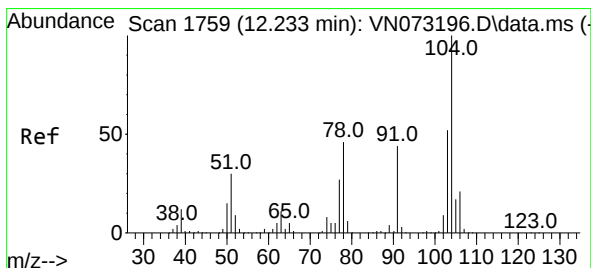
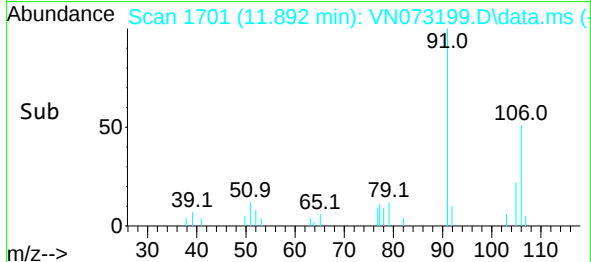
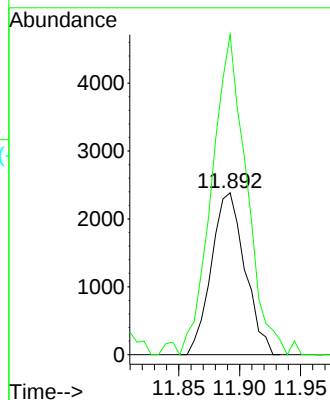
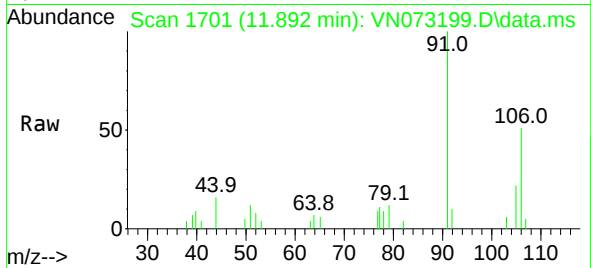




#68
m/p-Xylenes
Concen: 0.611 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

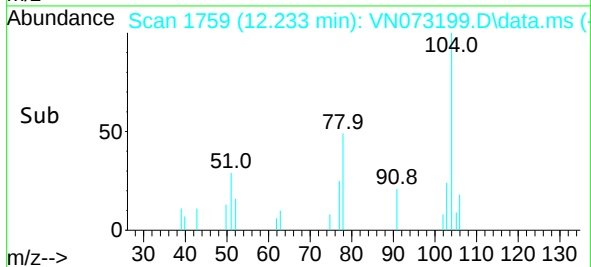
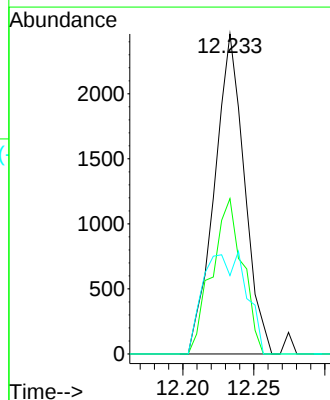
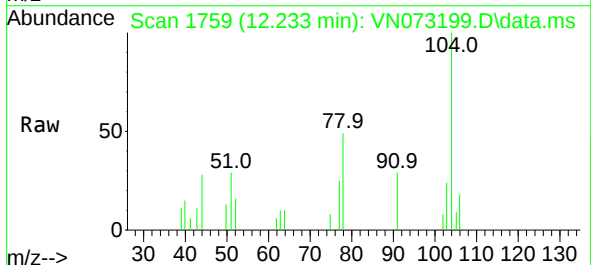
Instrument :
MSVOA_N
ClientSampleId :
IBLK

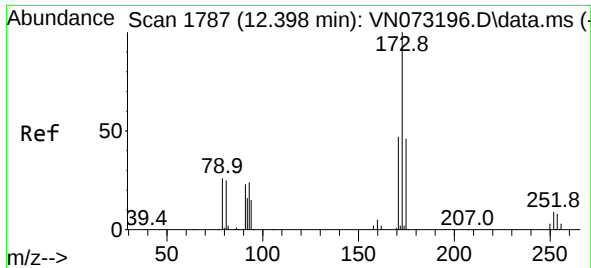
Tgt Ion:106 Resp: 4576
Ion Ratio Lower Upper
106 100
91 207.7 158.9 238.3



#70
Styrene
Concen: 0.305 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion:104 Resp: 3605
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 45.6 44.0 66.0

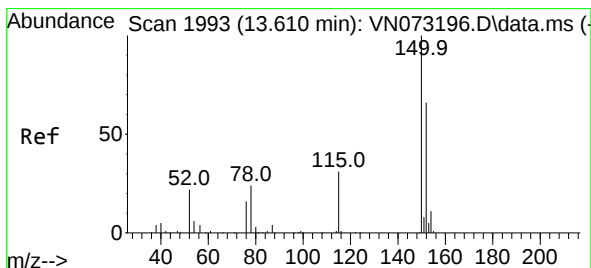
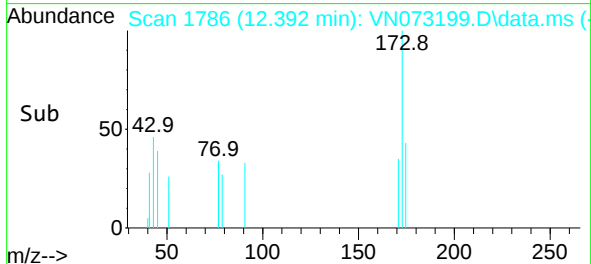
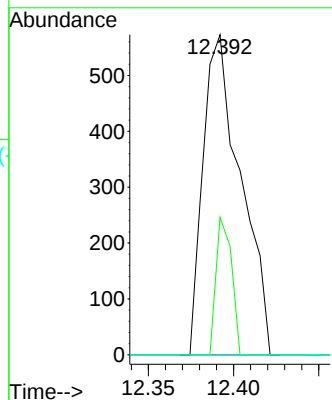
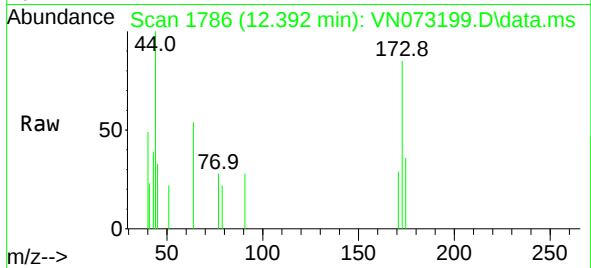




#71
Bromoform
Concen: 0.298 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

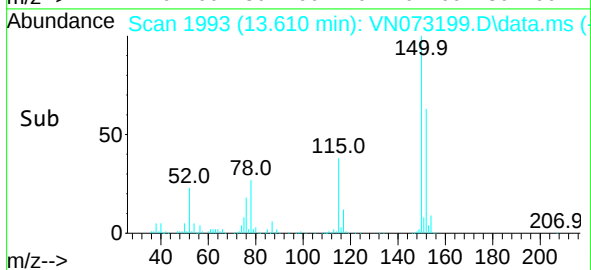
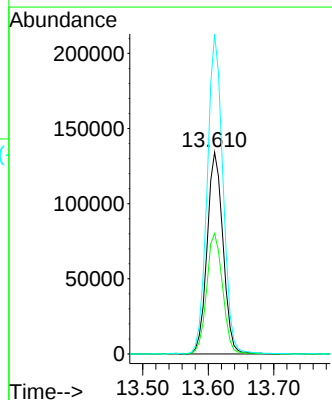
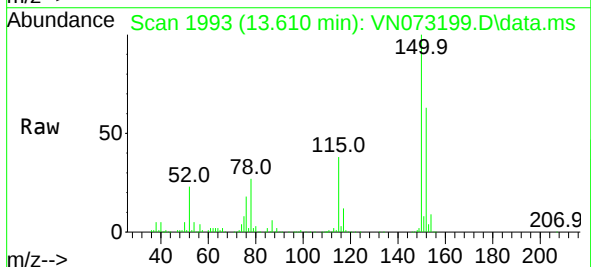
Instrument :
MSVOA_N
ClientSampleId :
IBLK

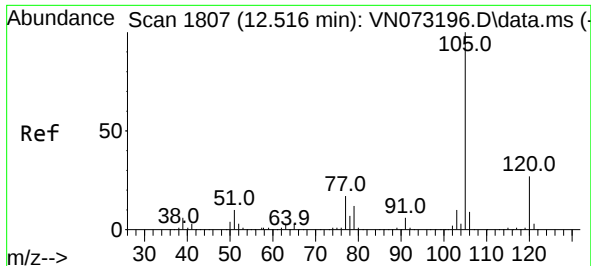
Tgt Ion:173 Resp: 878
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion:152 Resp: 226372
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 157.1 0.0 356.2

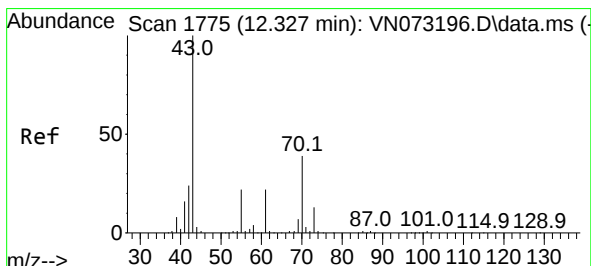
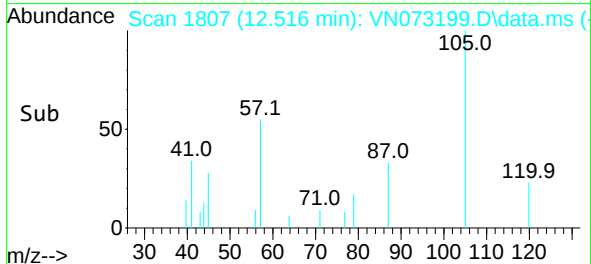
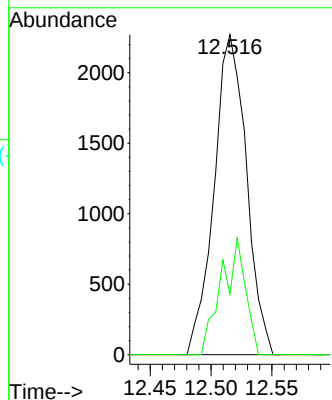
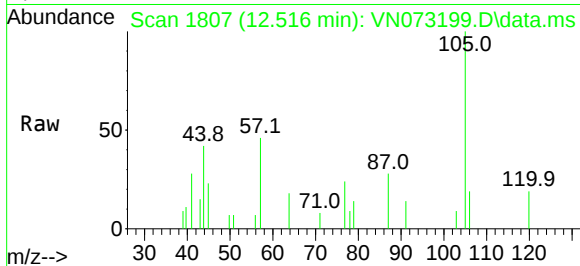




#73
Isopropylbenzene
Concen: 0.215 ug/l
RT: 12.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

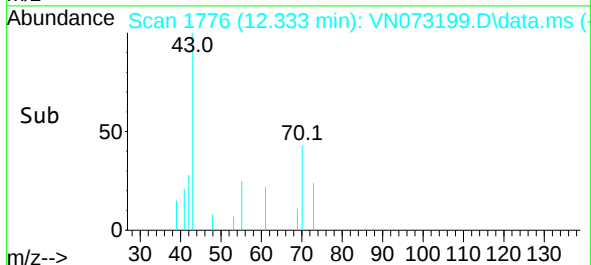
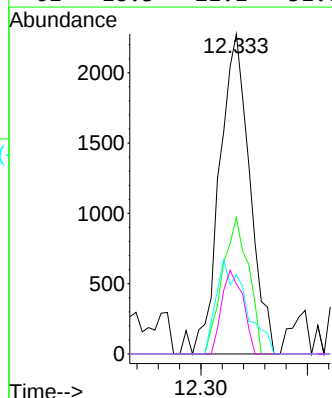
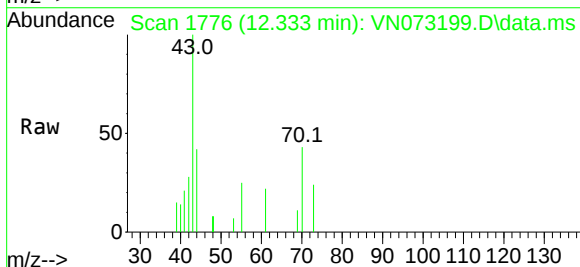
Instrument :
MSVOA_N
ClientSampleId :
IBLK

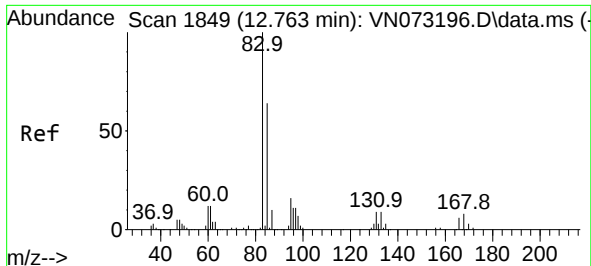
Tgt Ion:105 Resp: 4195
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 0.460 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 43 Resp: 4506
Ion Ratio Lower Upper
43 100
70 36.6 39.0 58.4#
55 28.8 21.1 31.7
61 18.3 21.1 31.7#

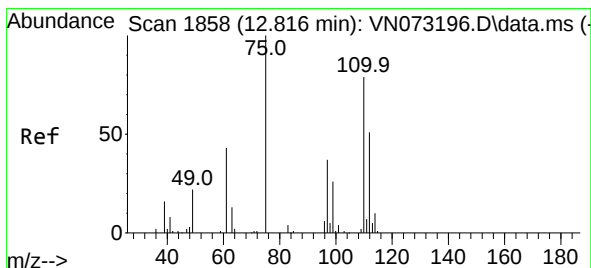
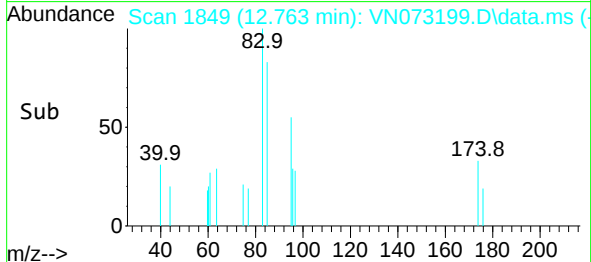
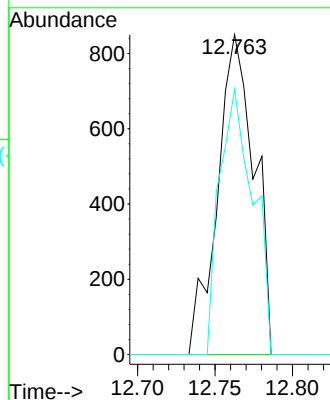
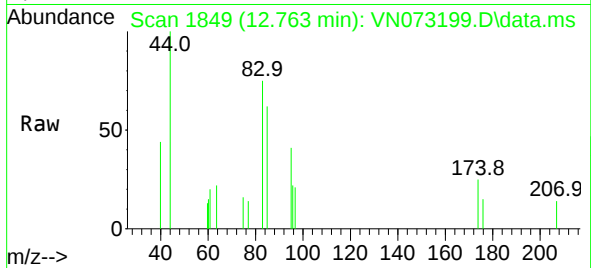




#75
1,1,2,2-Tetrachloroethane
Concen: 0.217 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

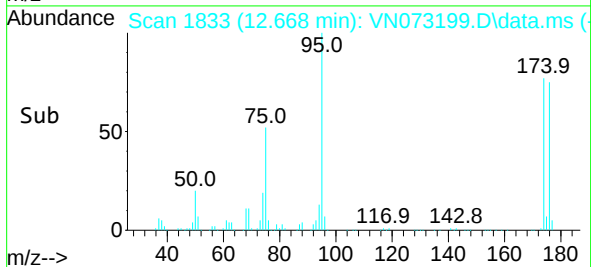
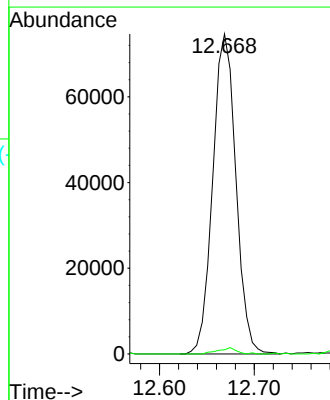
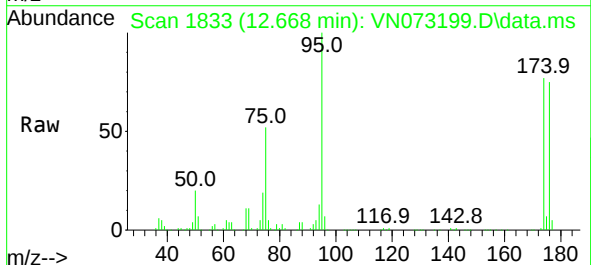
Instrument :
MSVOA_N
ClientSampleId :
IBLK

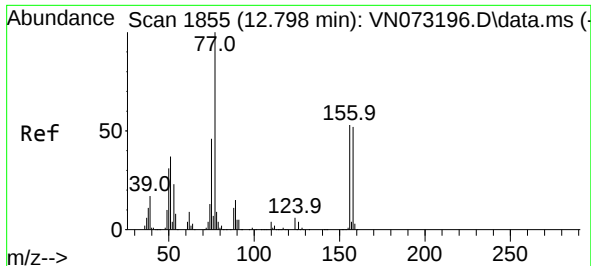
Tgt Ion: 83 Resp: 1410
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 76.0 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 21.417 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 75 Resp: 126768
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#

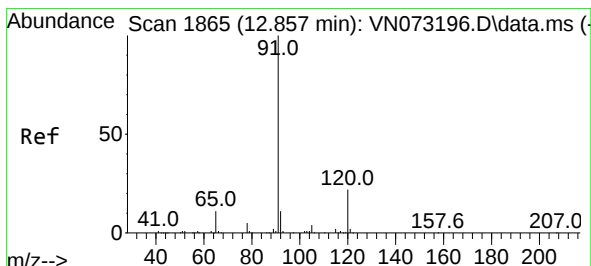
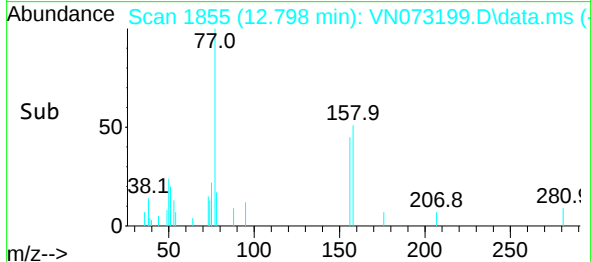
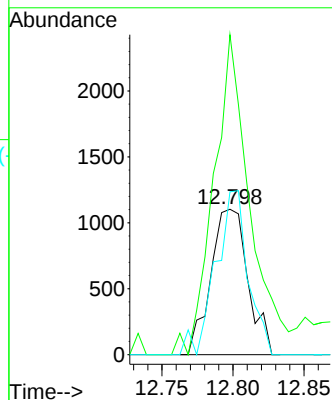
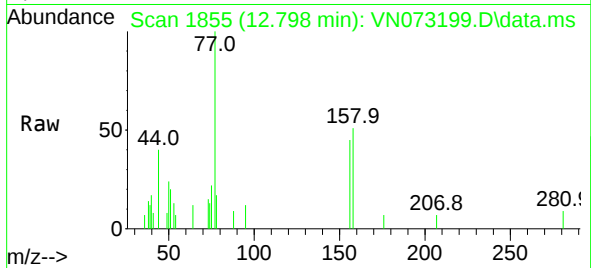




#77
Bromobenzene
Concen: 0.442 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

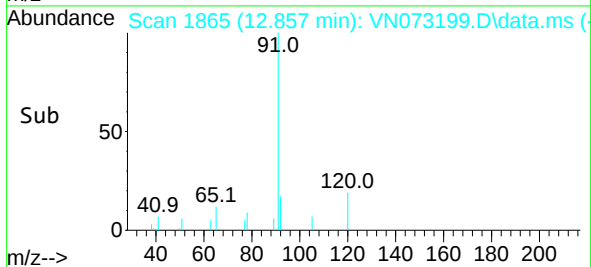
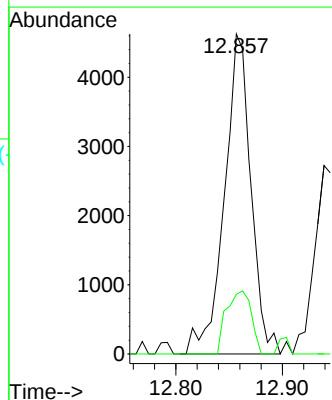
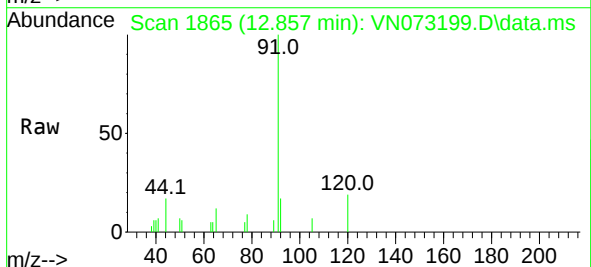
Instrument :
MSVOA_N
ClientSampleId :
IBLK

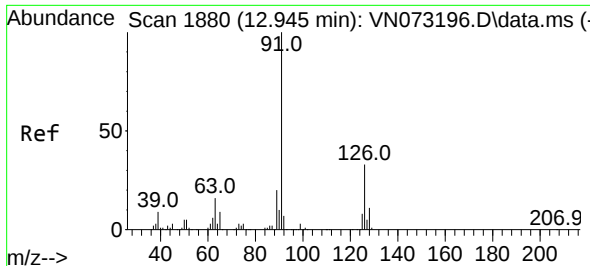
Tgt Ion:156 Resp: 2009
Ion Ratio Lower Upper
156 100
77 212.7 100.5 301.5
158 97.9 48.9 146.6



#78
n-propylbenzene
Concen: 0.368 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 91 Resp: 7987
Ion Ratio Lower Upper
91 100
120 18.5 11.9 35.5

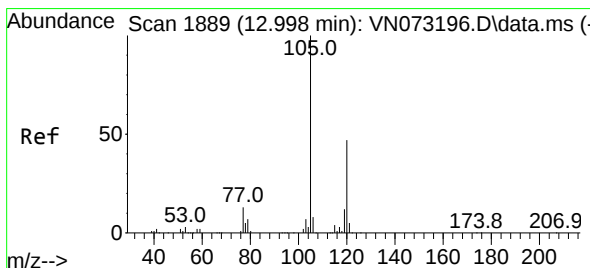
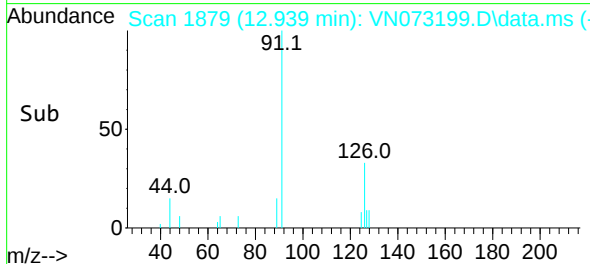
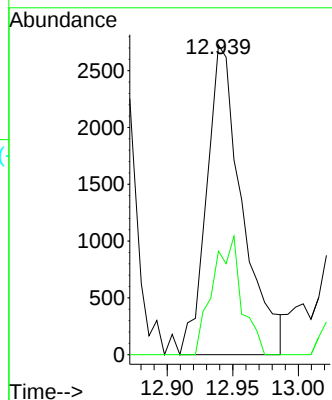
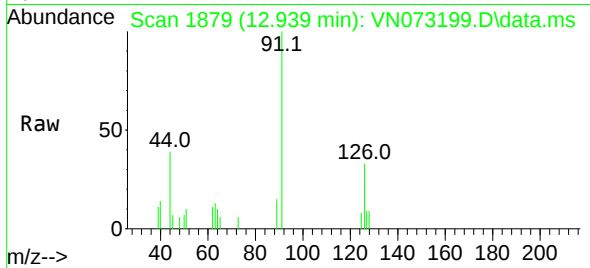




#79
2-Chlorotoluene
Concen: 0.376 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

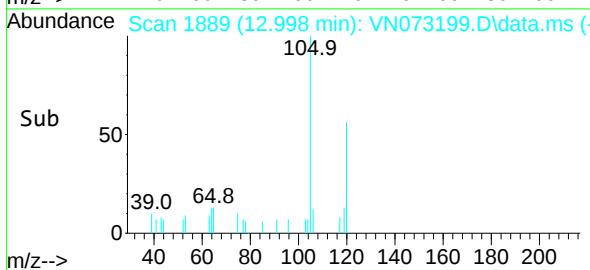
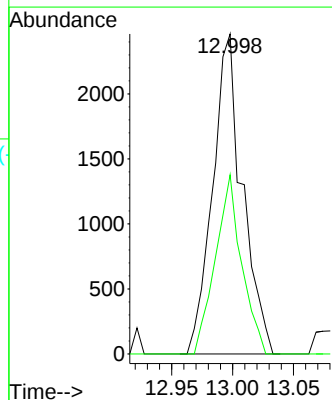
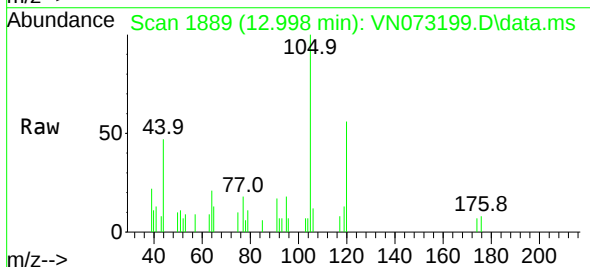
Instrument :
MSVOA_N
ClientSampleId :
IBLK

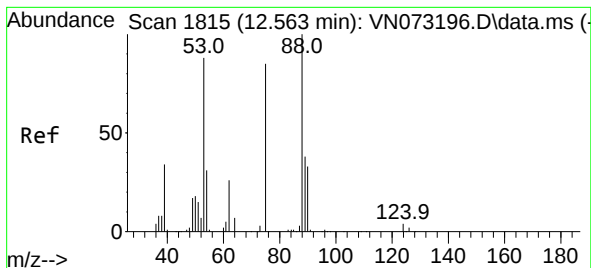
Tgt Ion: 91 Resp: 5164
Ion Ratio Lower Upper
91 100
126 30.9 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.263 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 105 Resp: 4183
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.7

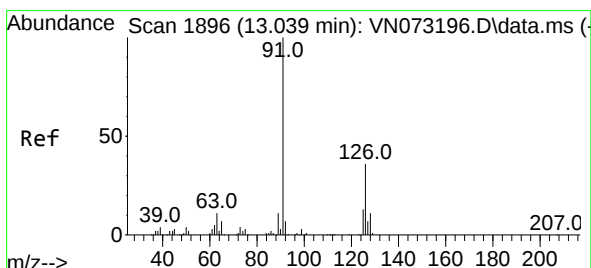
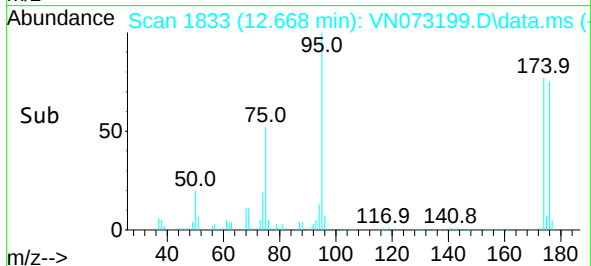
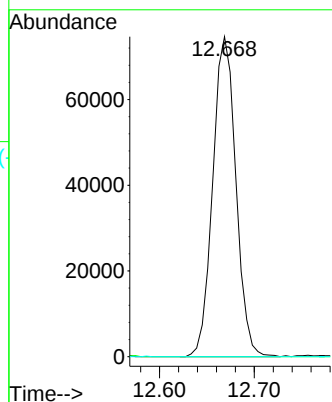
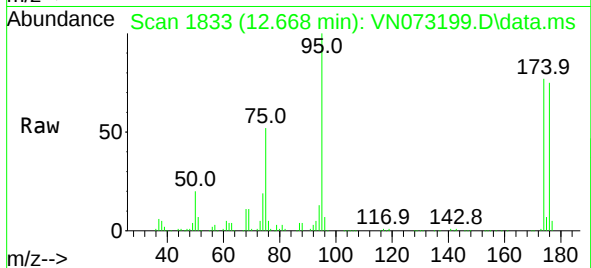




#81
trans-1,4-Dichloro-2-butene
Concen: 58.734 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

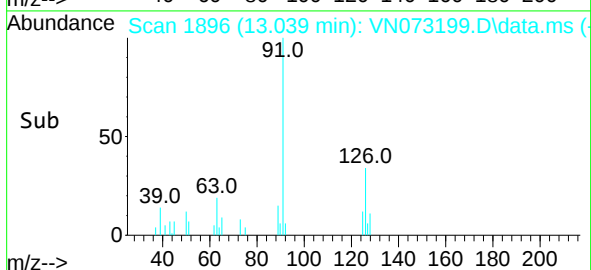
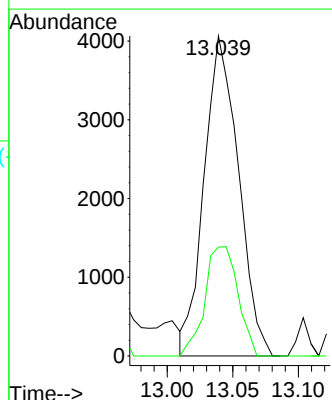
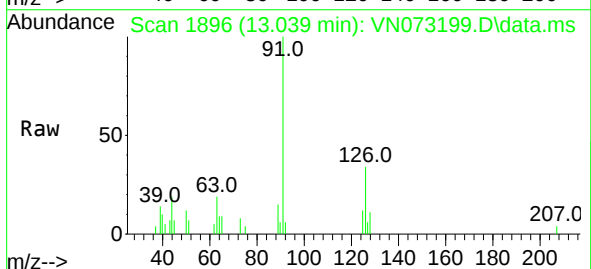
Instrument :
MSVOA_N
ClientSampleId :
IBLK

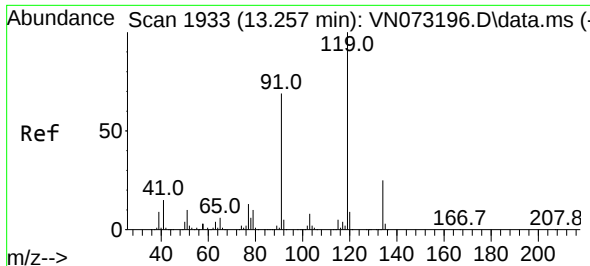
Tgt Ion: 75 Resp: 126768
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.556 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion: 91 Resp: 7394
Ion Ratio Lower Upper
91 100
126 32.9 17.2 51.6

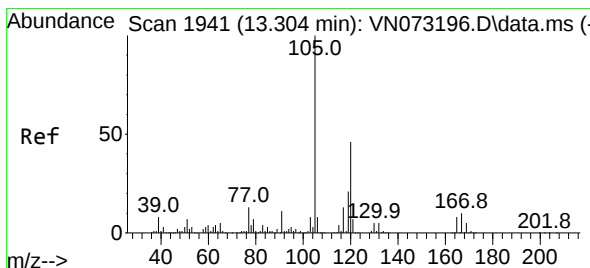
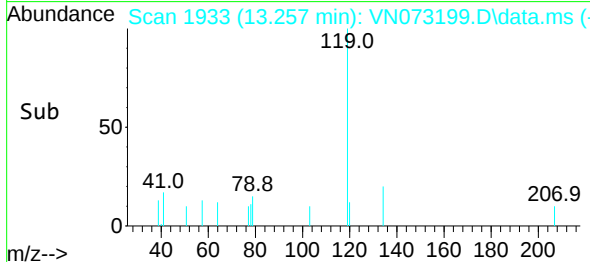
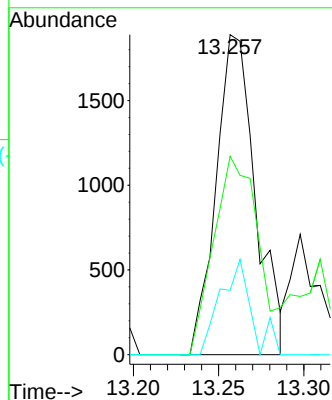
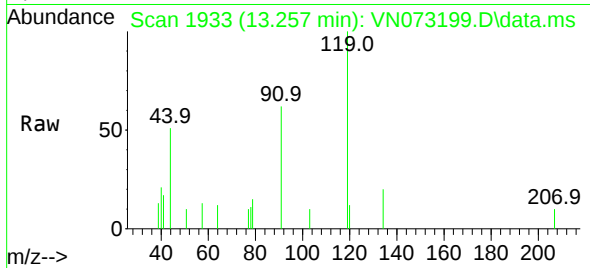




#83
 tert-Butylbenzene
 Concen: 0.213 ug/l
 RT: 13.257 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: VN073199.D
 Acq: 28 Jun 2022 12:35

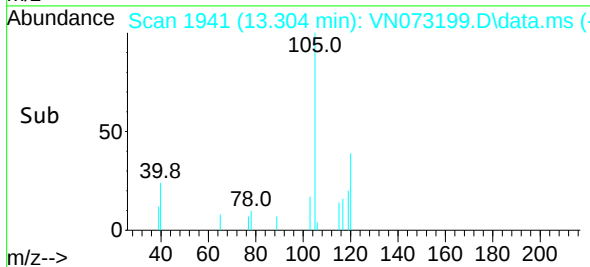
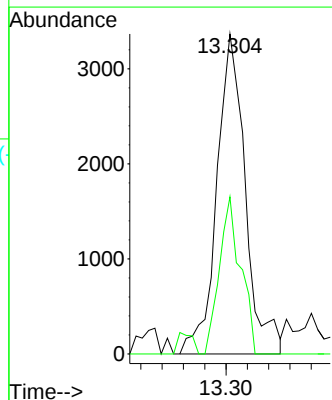
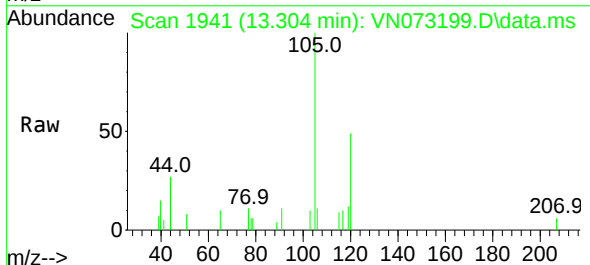
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

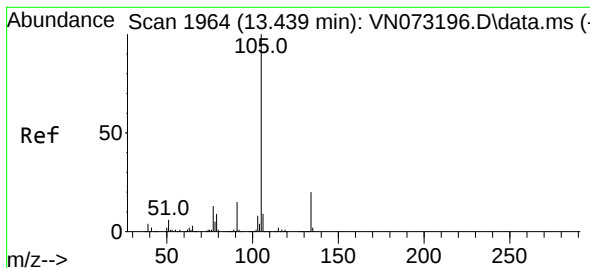
Tgt Ion:	119	Resp:	3049
Ion	Ratio	Lower	Upper
119	100		
91	71.1	31.6	94.8
134	23.3	13.7	41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.394 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN073199.D
 Acq: 28 Jun 2022 12:35

Tgt Ion:	105	Resp:	6265
Ion	Ratio	Lower	Upper
105	100		
120	36.6	23.3	69.8





#85

sec-Butylbenzene

Concen: 0.301 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

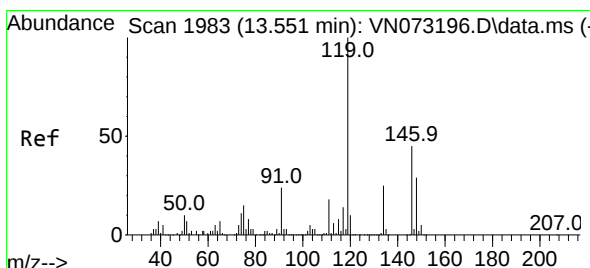
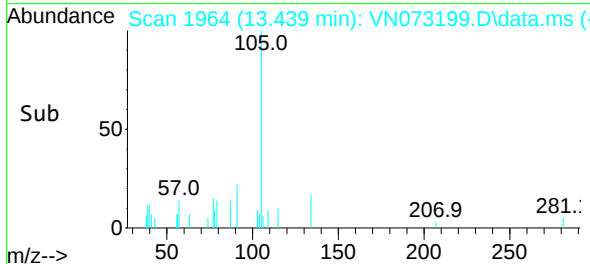
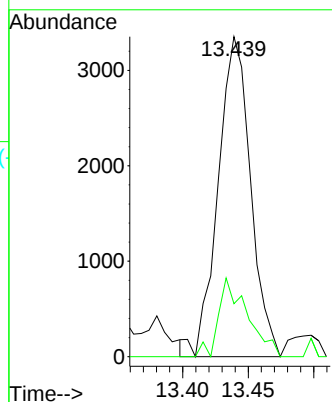
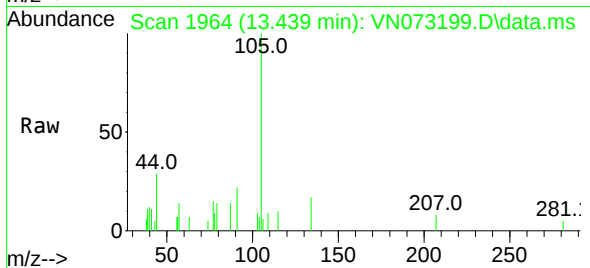
IBLK

Tgt Ion:105 Resp: 5779

Ion Ratio Lower Upper

105 100

134 22.0 10.4 31.1



#86

p-Isopropyltoluene

Concen: 0.372 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

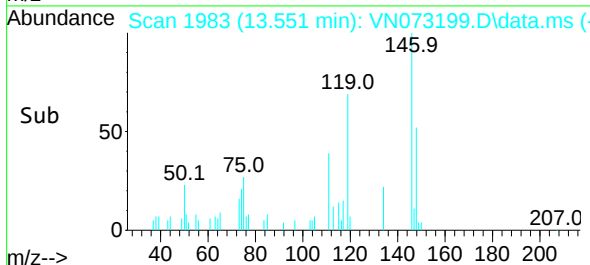
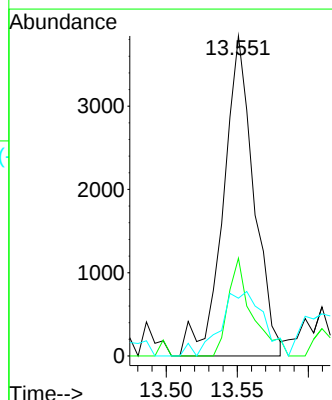
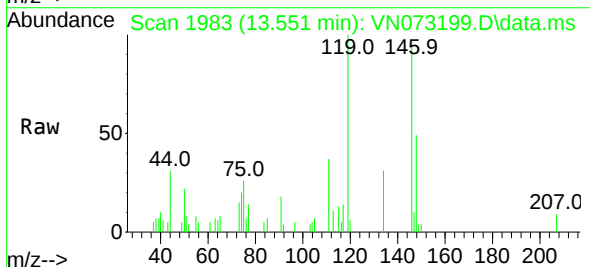
Tgt Ion:119 Resp: 5758

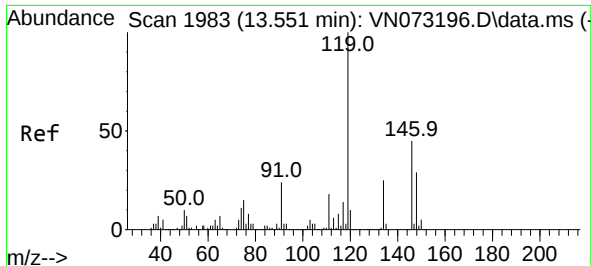
Ion Ratio Lower Upper

119 100

134 24.0 13.3 39.8

91 28.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.743 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

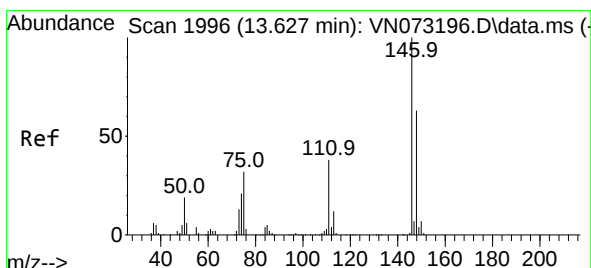
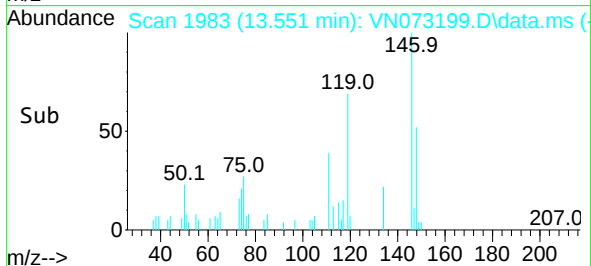
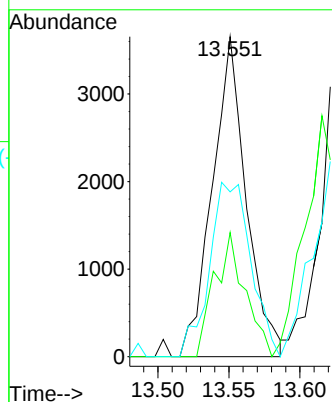
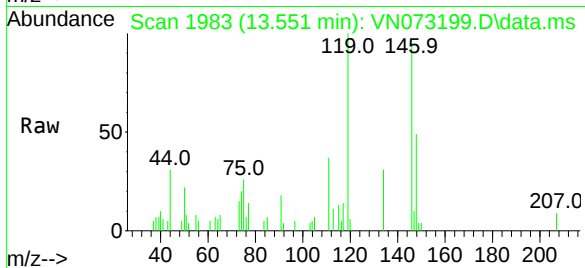
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:146	Resp:	6058
Ion Ratio	Lower	Upper
146	100	
111	35.0	20.0 60.0
148	66.6	32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.742 ug/l

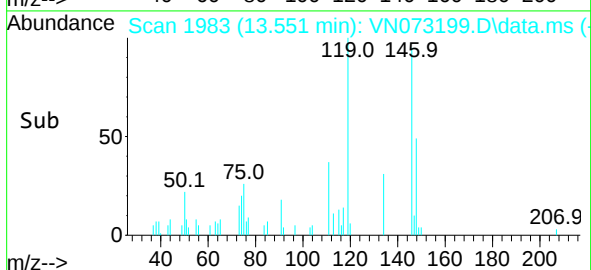
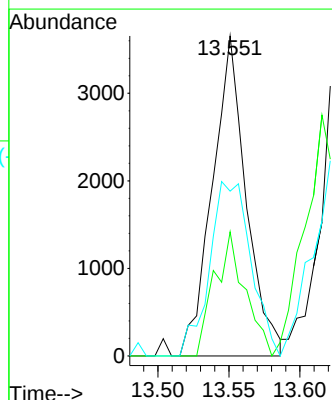
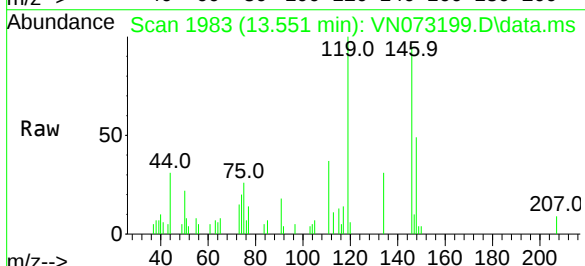
RT: 13.551 min Scan# 1983

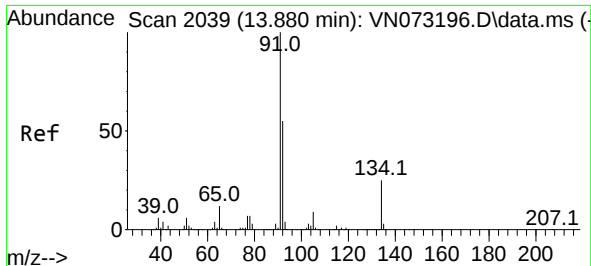
Delta R.T. -0.076 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Tgt Ion:146	Resp:	6058
Ion Ratio	Lower	Upper
146	100	
111	35.0	19.1 57.1
148	66.6	31.4 94.3

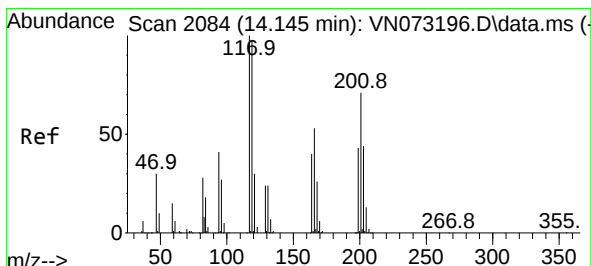
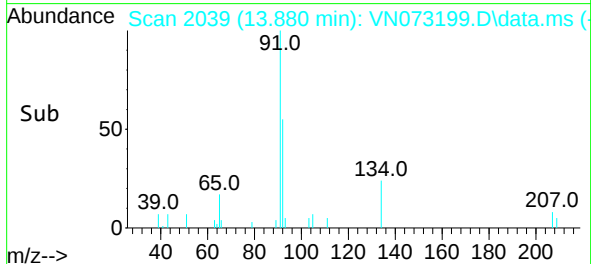
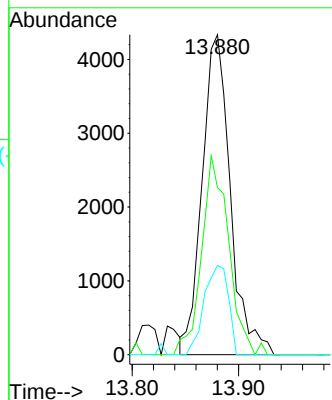
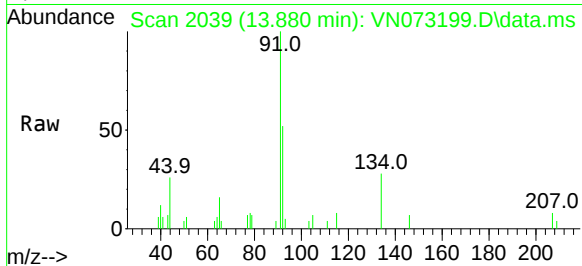




#89
n-Butylbenzene
Concen: 0.617 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

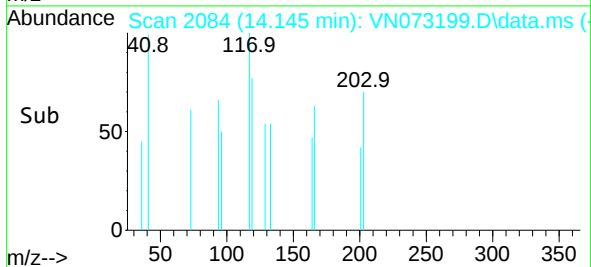
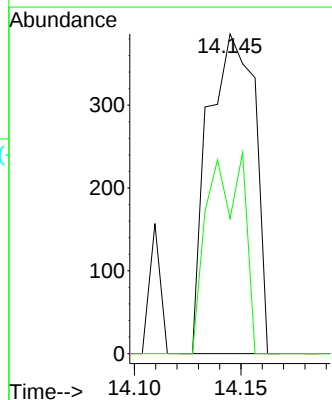
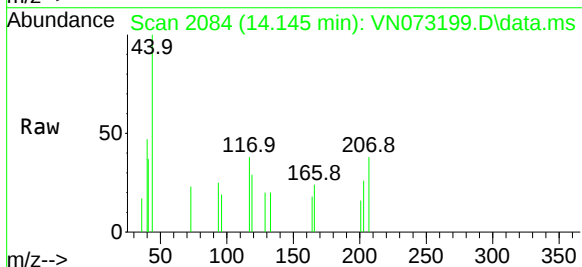
Instrument :
MSVOA_N
ClientSampleId :
IBLK

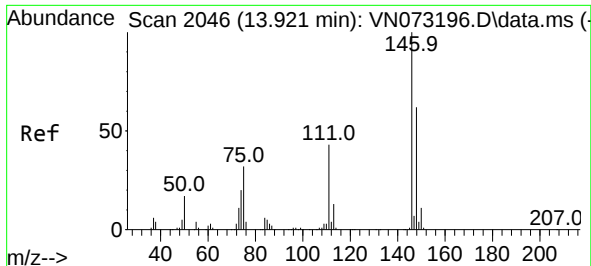
Tgt Ion:	91	Resp:	7962
Ion Ratio	Lower	Upper	
91	100		
92	59.8	26.9	80.7
134	23.9	13.6	40.8



#90
Hexachloroethane
Concen: 0.204 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion:	117	Resp:	589
Ion Ratio	Lower	Upper	
117	100		
201	48.7	40.6	122.0

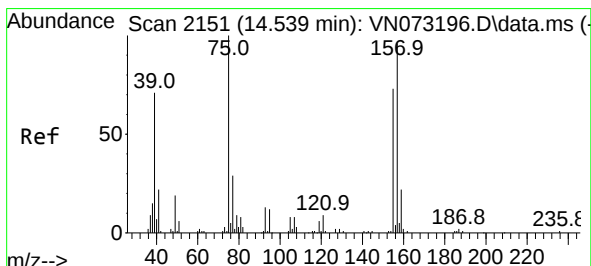
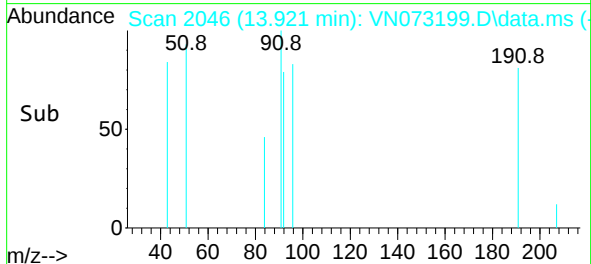
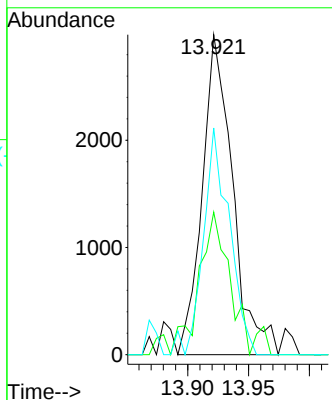
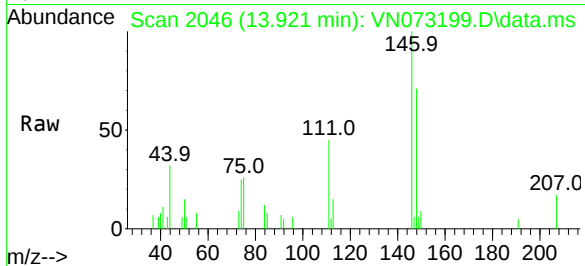




#91
1,2-Dichlorobenzene
Concen: 0.624 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

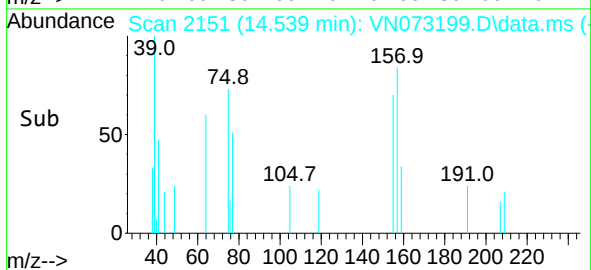
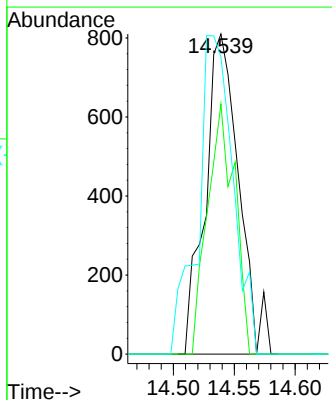
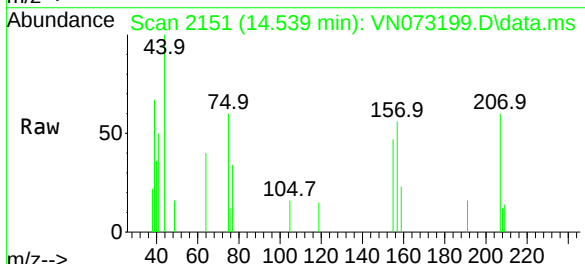
Instrument :
MSVOA_N
ClientSampleId :
IBLK

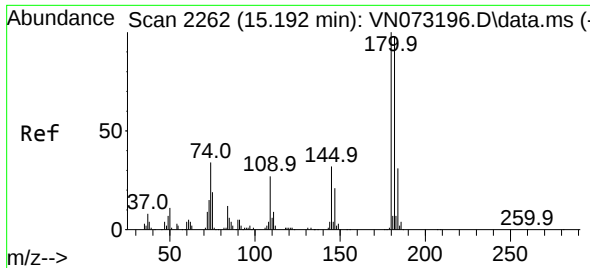
Tgt Ion:	146	Resp:	5186
Ion	Ratio	Lower	Upper
146	100		
111	47.2	20.9	62.8
148	60.9	32.1	96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.991 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion:	75	Resp:	1563
Ion	Ratio	Lower	Upper
75	100		
155	63.1	44.9	134.5
157	102.9	59.0	176.8

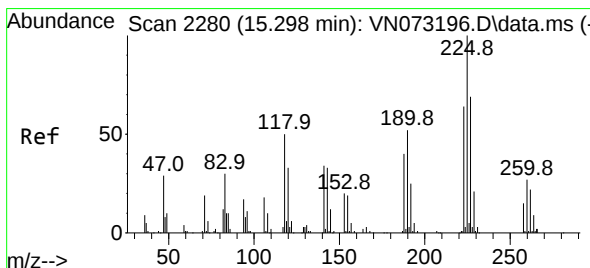
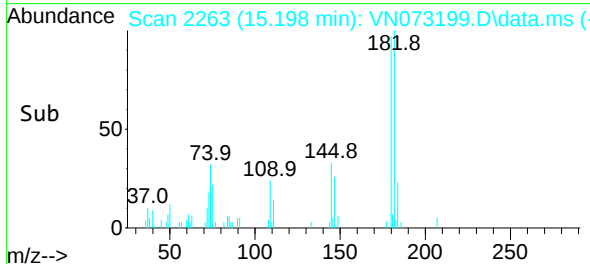
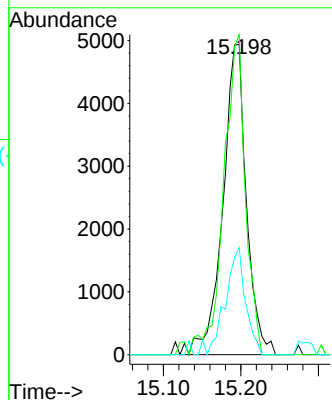
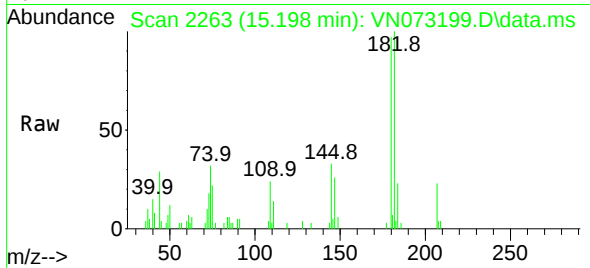




#93
1,2,4-Trichlorobenzene
Concen: 2.430 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

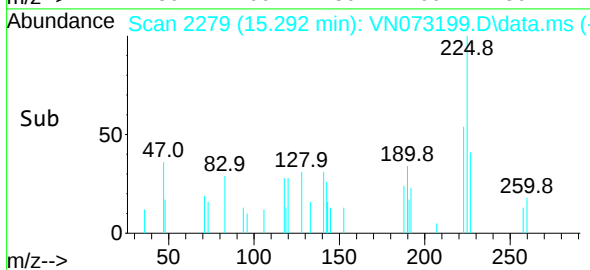
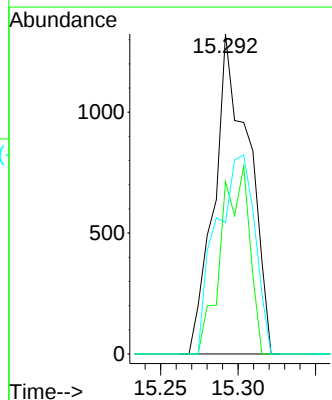
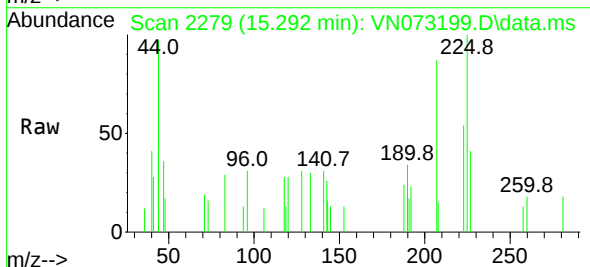
Instrument :
MSVOA_N
ClientSampleId :
IBLK

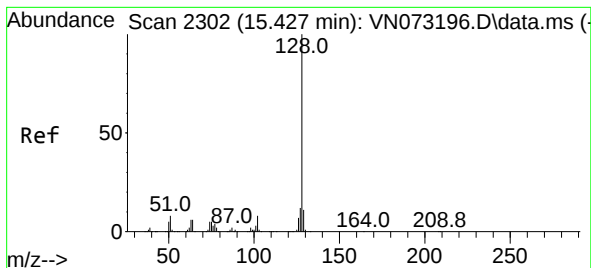
Tgt Ion:180 Resp: 10508
Ion Ratio Lower Upper
180 100
182 94.6 47.5 142.5
145 29.7 14.5 43.5



#94
Hexachlorobutadiene
Concen: 1.065 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.006 min
Lab File: VN073199.D
Acq: 28 Jun 2022 12:35

Tgt Ion:225 Resp: 2047
Ion Ratio Lower Upper
225 100
223 48.1 32.4 97.2
227 69.1 31.8 95.4





#95

Naphthalene

Concen: 3.538 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

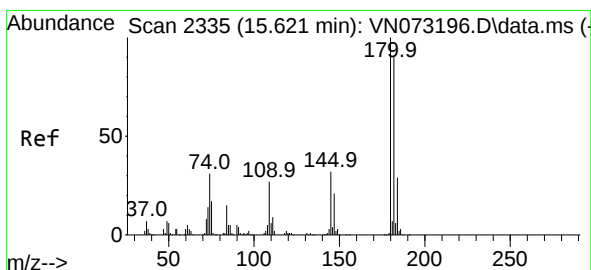
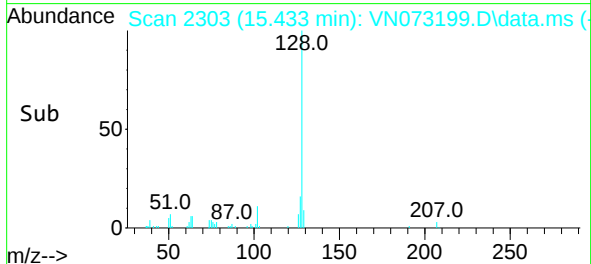
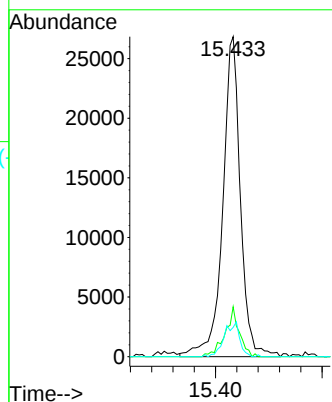
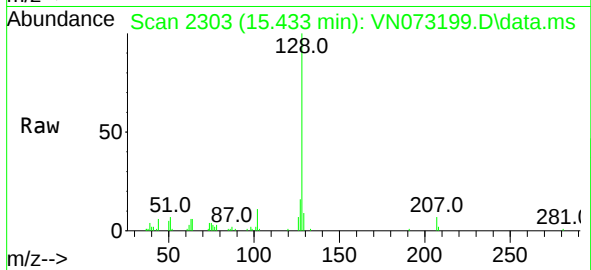
Tgt Ion:128 Resp: 61725

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 9.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.039 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073199.D

Acq: 28 Jun 2022 12:35

Tgt Ion:180 Resp: 13559

Ion Ratio Lower Upper

180 100

182 101.6 47.8 143.3

145 31.1 15.5 46.5

