

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072802.D
 Acq On : 13 Jun 2022 13:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 14 05:20:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	256728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	465149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	402409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	143594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	207859	28.917	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	57.840%#		
35) Dibromofluoromethane	8.022	113	153870	33.215	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	66.420%#		
50) Toluene-d8	10.439	98	512038	27.522	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	55.040%#		
62) 4-Bromofluorobenzene	12.727	95	195221	29.693	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	59.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	1076	0.268	ug/l	# 43
3) Chloromethane	2.299	50	1485	Below Cal	#	81
6) Chloroethane	3.022	64	177	Below Cal	#	42
10) Methyl Iodide	4.422	142	1126	0.413	ug/l	# 79
13) Acrolein	4.040	56	211	Below Cal	#	1
15) Acrylonitrile	5.557	53	4331	1.295	ug/l	# 84
16) Acetone	4.299	43	2794	0.856	ug/l	89
17) Carbon Disulfide	4.534	76	6360	0.293	ug/l	96
18) Methyl Acetate	4.869	43	2518	0.293	ug/l	# 58
20) Methylene Chloride	5.098	84	1447	Below Cal	#	70
21) trans-1,2-Dichloroethene	5.604	96	1530	Below Cal	#	68
23) Vinyl Acetate	6.434	43	3904	0.248	ug/l	# 68
25) 2-Butanone	7.351	43	5301	1.035	ug/l	92
27) cis-1,2-Dichloroethene	7.328	96	1084	0.214	ug/l	47
29) Tetrahydrofuran	7.710	42	1931	0.609	ug/l	# 54
31) Cyclohexane	8.086	56	9650	Below Cal	#	51
36) 1,1-Dichloropropene	8.216	75	1878	0.291	ug/l	# 74
38) Carbon Tetrachloride	8.081	117	32786	4.846	ug/l	# 17
42) 1,2-Dichloroethane	8.528	62	1733	0.210	ug/l	# 74
44) Trichloroethene	9.210	130	1376	0.316	ug/l	96
46) Dibromomethane	9.581	93	901	0.250	ug/l	# 66
49) 1,4-Dioxane	9.575	88	431	3.561	ug/l	# 76
51) 4-Methyl-2-Pentanone	10.333	43	6259	0.618	ug/l	# 82
58) 2-Chloroethyl Vinyl ether	10.045	63	794	0.209	ug/l	# 44
59) 2-Hexanone	11.086	43	11774	1.570	ug/l	86
64) Tetrachloroethene	10.980	164	1070	0.347	ug/l	# 90
65) Chlorobenzene	11.769	112	3495	0.329	ug/l	98
67) Ethyl Benzene	11.845	91	5345	0.270	ug/l	93
68) m/p-Xylenes	11.951	106	3702	0.522	ug/l	97
70) Styrene	12.292	104	3432	0.302	ug/l	92
73) Isopropylbenzene	12.574	105	3976	0.272	ug/l	94
74) N-ethyl acetate	12.386	43	6848	0.976	ug/l	# 87
75) 1,1,2,2-Tetrachloroethane	12.827	83	1576	0.305	ug/l	# 94
76) 1,2,3-Trichloropropane	12.727	75	113758	23.082	ug/l	# 1
77) Bromobenzene	12.863	156	1562	0.532	ug/l	66
78) n-propylbenzene	12.916	91	7496	0.460	ug/l	92

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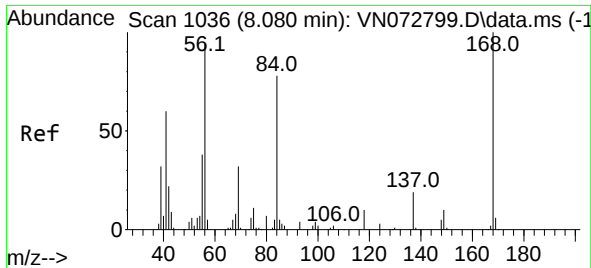
Instrument :
 MSVOA_N
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 Response via : Initial Calibration

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

79) 2-Chlorotoluene	13.004	91	5084	0.498	ug/l	90
80) 1,3,5-Trimethylbenzene	13.057	105	3923	0.332	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.727	75	113758	70.352	ug/l #	10
82) 4-Chlorotoluene	13.098	91	6836	0.719	ug/l	96
83) tert-Butylbenzene	13.321	119	3004	0.285	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	5353	0.471	ug/l	78
85) sec-Butylbenzene	13.498	105	5632	0.399	ug/l	97
86) p-Isopropyltoluene	13.616	119	4969	0.452	ug/l	89
87) 1,3-Dichlorobenzene	13.616	146	4792	0.952	ug/l	98
88) 1,4-Dichlorobenzene	13.616	146	4792	0.964	ug/l	96
89) n-Butylbenzene	13.939	91	8070	0.865	ug/l	90
90) Hexachloroethane	14.210	117	727	0.309	ug/l #	36
91) 1,2-Dichlorobenzene	13.980	146	4562	0.915	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1510	1.333	ug/l	72
93) 1,2,4-Trichlorobenzene	15.263	180	7436	3.287	ug/l	95
94) Hexachlorobutadiene	15.357	225	1313	1.207	ug/l #	18
95) Naphthalene	15.504	128	49658	5.564	ug/l	98
96) 1,2,3-Trichlorobenzene	15.704	180	10038	4.263	ug/l	94

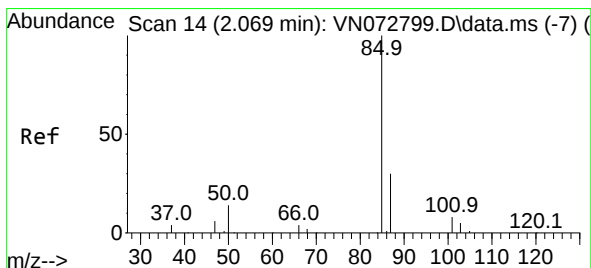
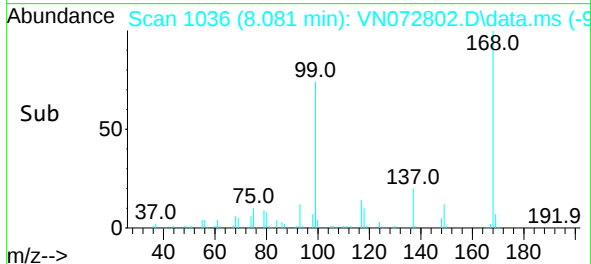
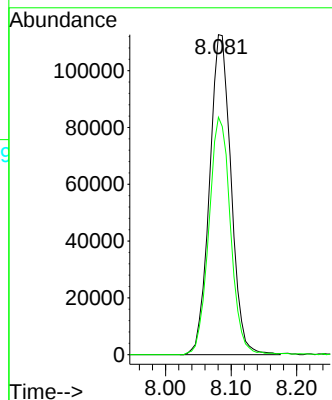
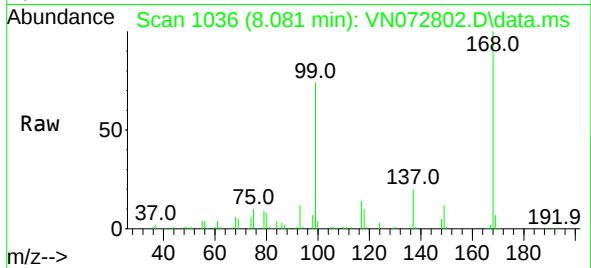
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

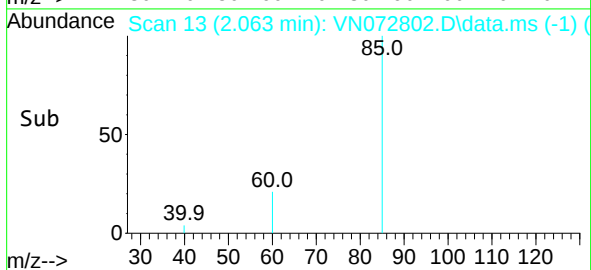
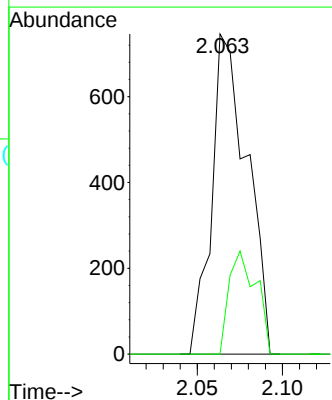
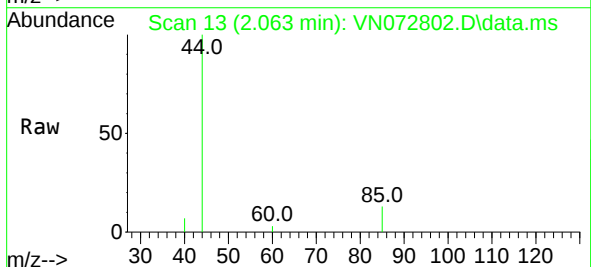
Instrument :
MSVOA_N
ClientSampleId :
IBLK

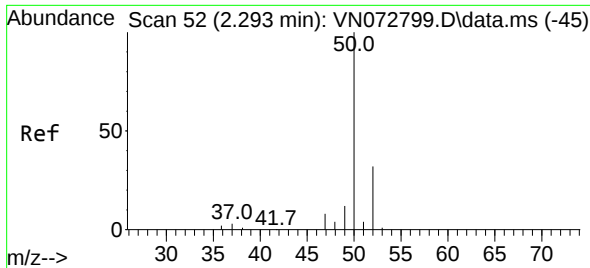
Tgt Ion:168 Resp: 256728
Ion Ratio Lower Upper
168 100
99 74.2 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 0.268 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 85 Resp: 1076
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.1#

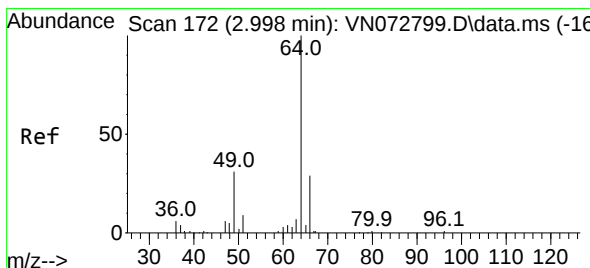
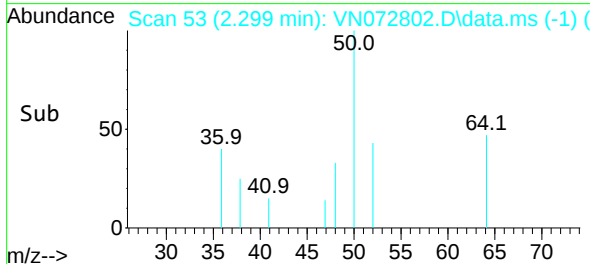
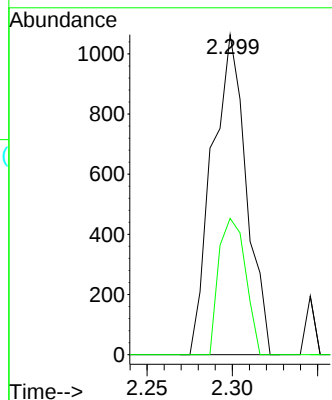
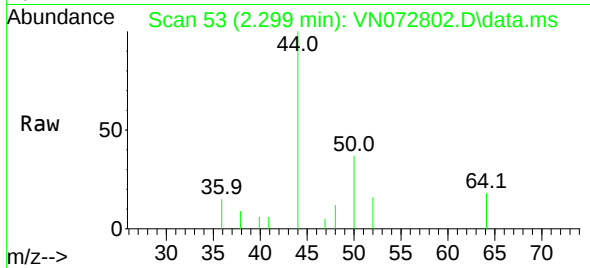




#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

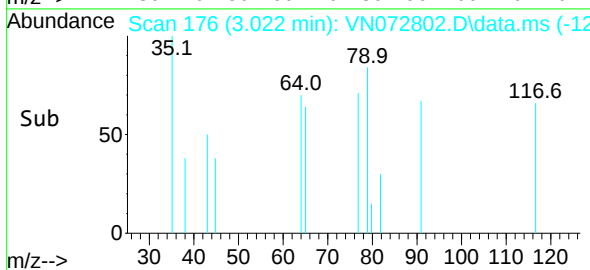
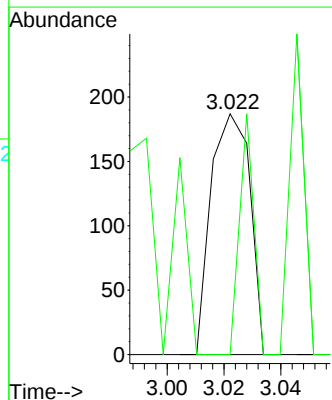
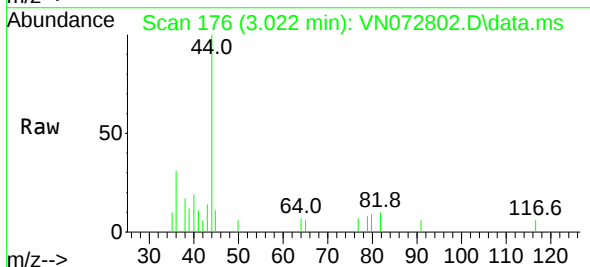
Instrument :
MSVOA_N
ClientSampleId :
IBLK

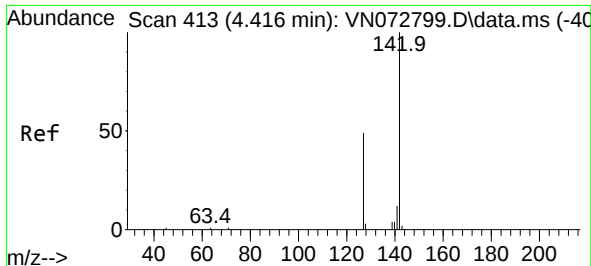
Tgt Ion: 50 Resp: 1485
Ion Ratio Lower Upper
50 100
52 42.6 25.7 38.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.022 min Scan# 176
Delta R.T. 0.024 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

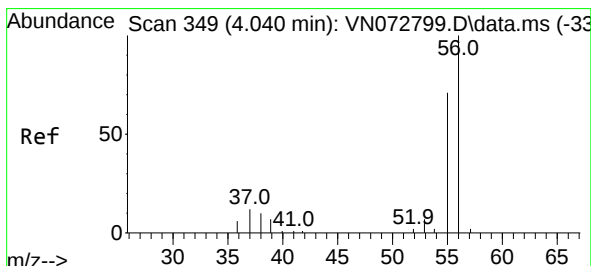
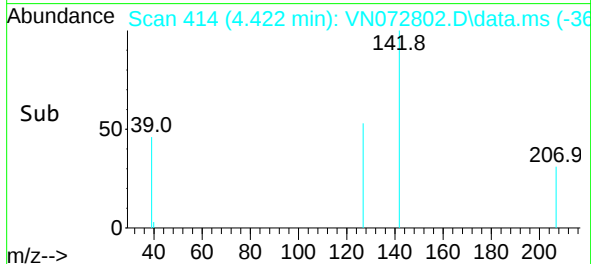
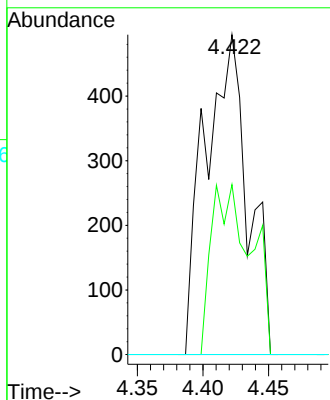
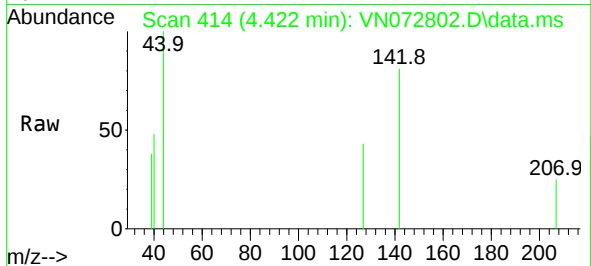




#10
Methyl Iodide
Concen: 0.413 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

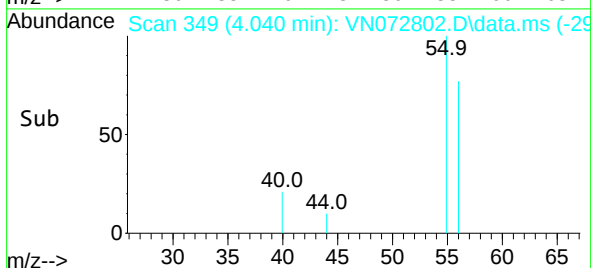
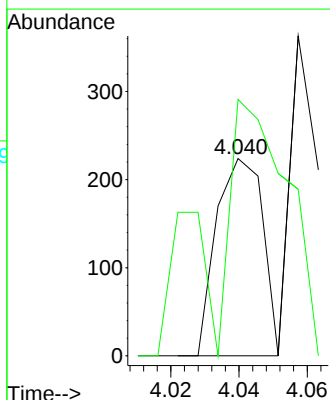
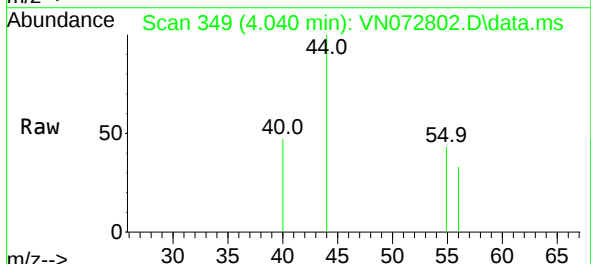
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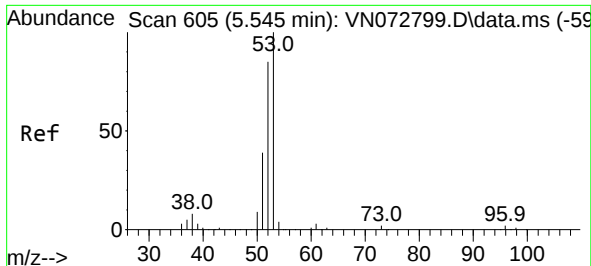
Tgt Ion:142 Resp: 1126
Ion Ratio Lower Upper
142 100
127 49.2 31.3 46.9#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: Below Cal
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 241.2 54.8 82.2#

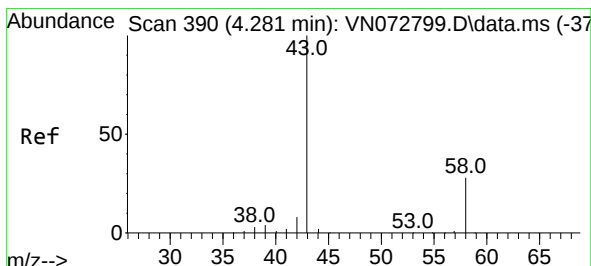
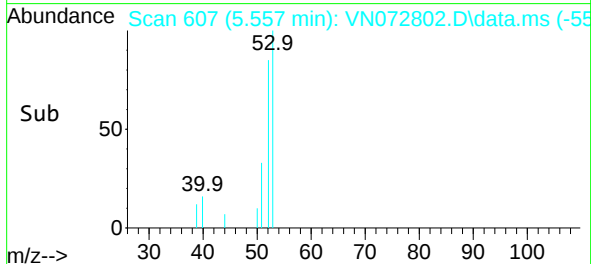
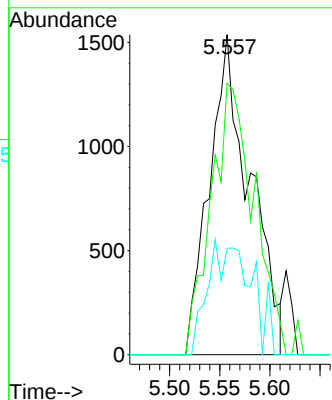
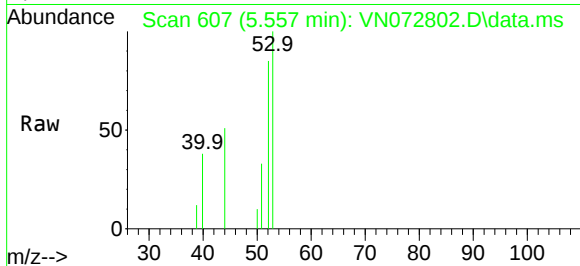




#15
Acrylonitrile
Concen: 1.295 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

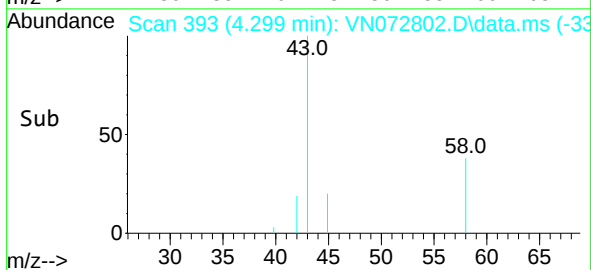
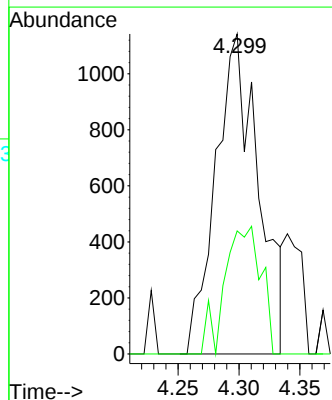
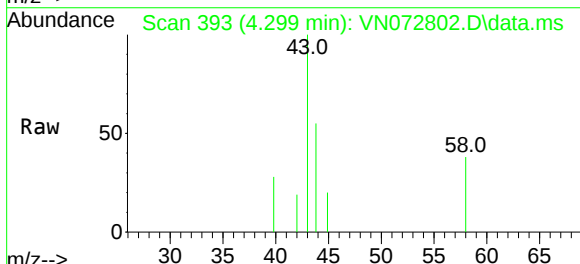
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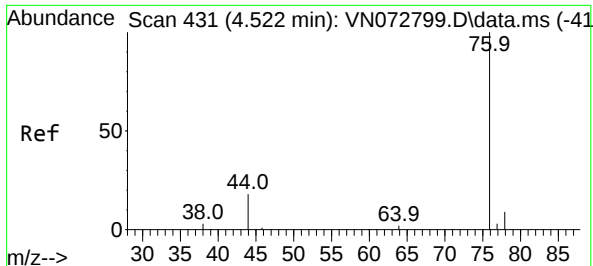
Tgt Ion: 53 Resp: 4331
Ion Ratio Lower Upper
53 100
52 89.7 66.4 99.6
51 13.8 28.5 42.7#



#16
Acetone
Concen: 0.856 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 38.4 26.0 39.0

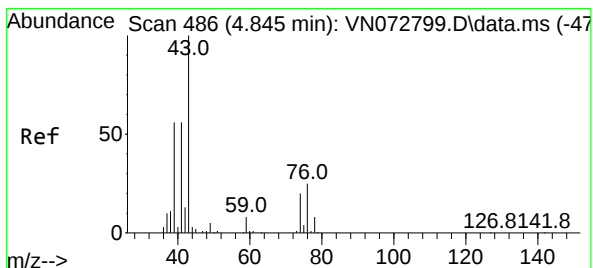
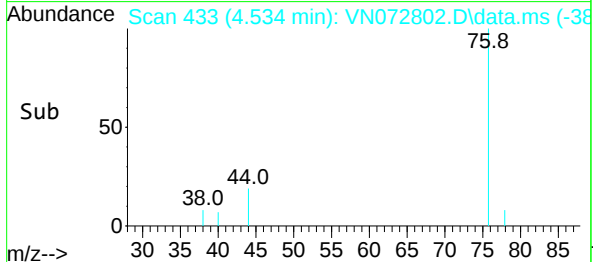
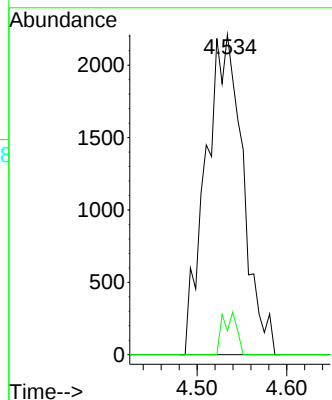
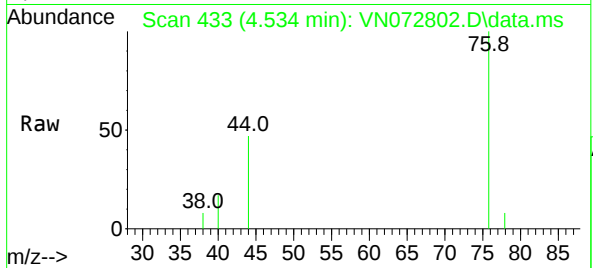




#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

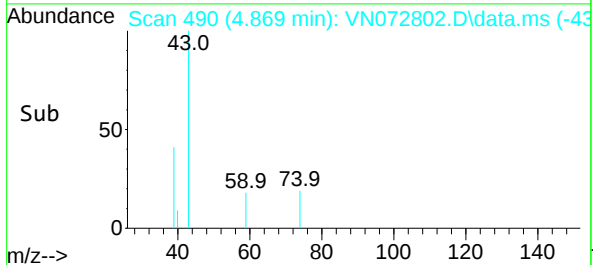
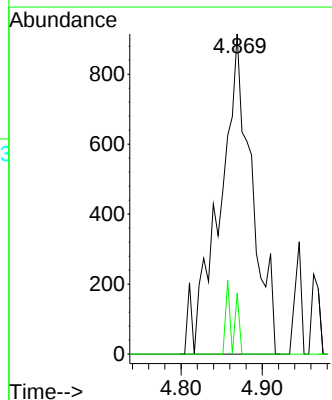
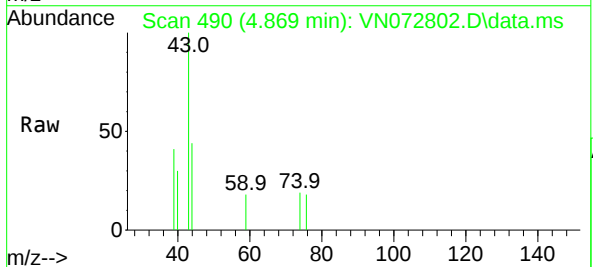
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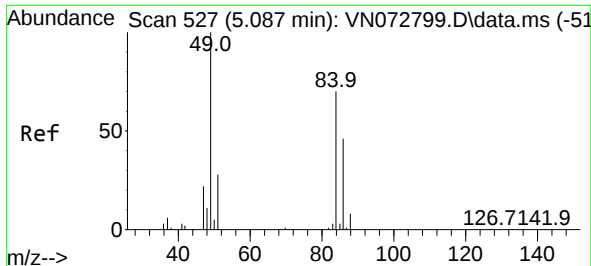
Tgt Ion: 76 Resp: 6360
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8



#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.024 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
74 5.4 21.6 32.4#



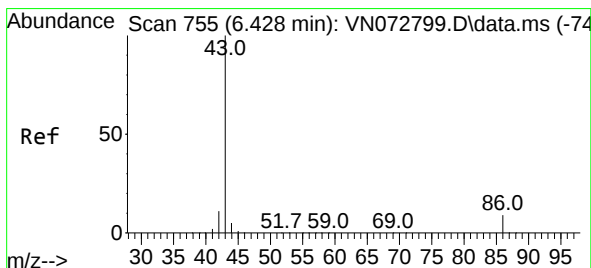
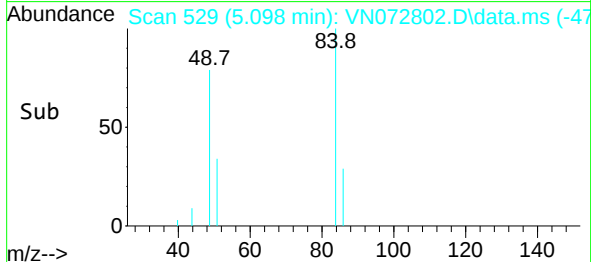
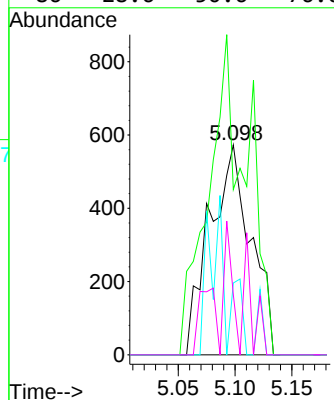
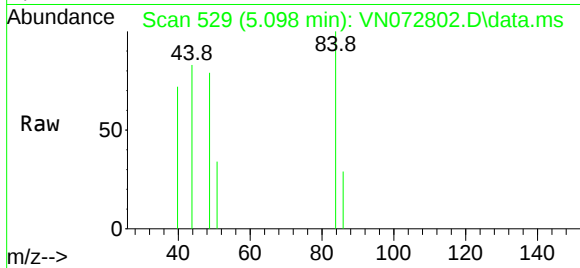


#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1447

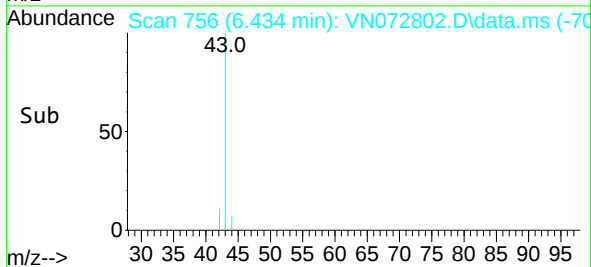
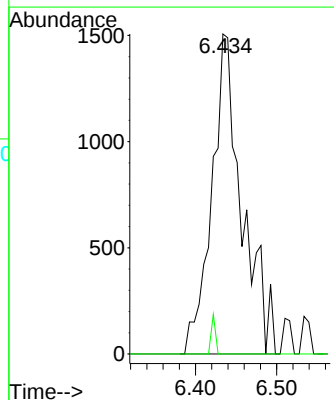
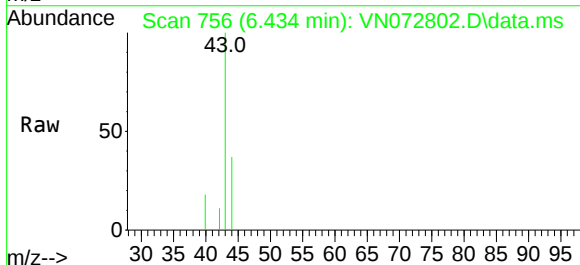
Ion	Ratio	Lower	Upper
84	100		
49	78.7	88.3	132.5#
51	34.2	28.2	42.2
86	28.6	50.6	76.0#

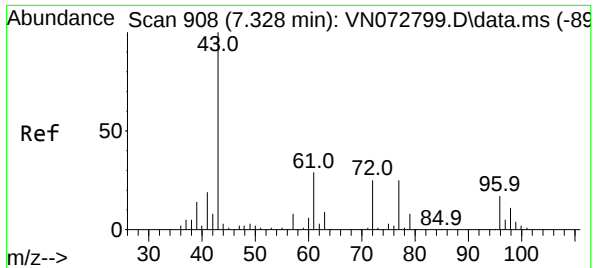


#23
Vinyl Acetate
Concen: 0.248 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 43 Resp: 3904

Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0#

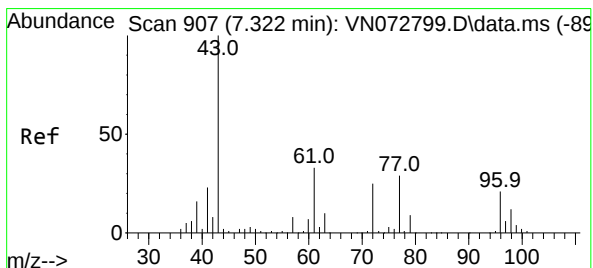
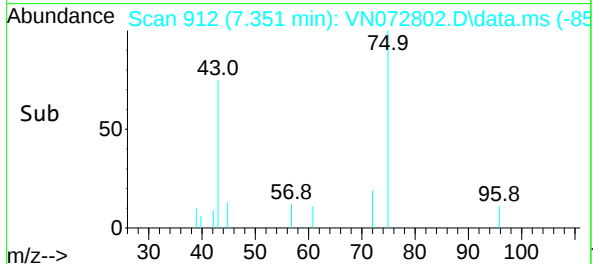
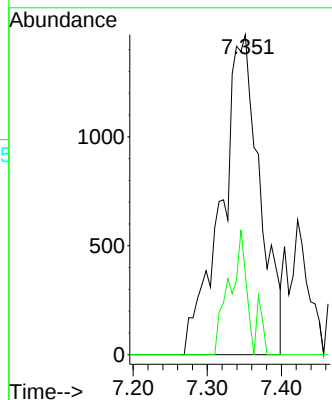
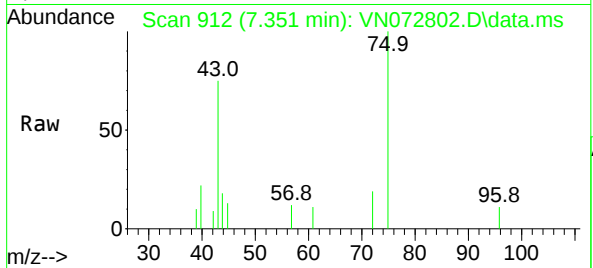




#25
2-Butanone
Concen: 1.035 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

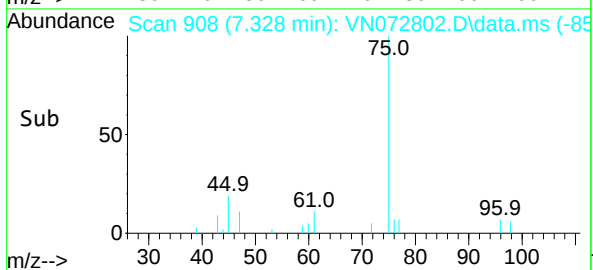
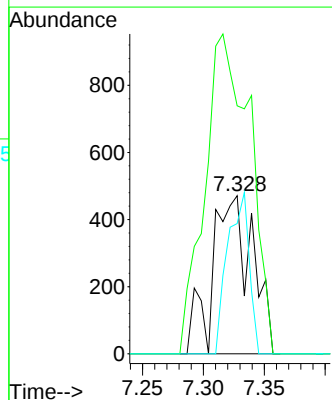
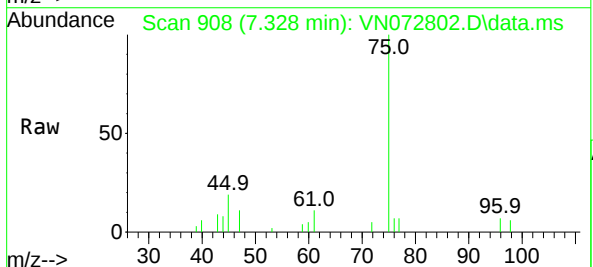
Instrument :
MSVOA_N
ClientSampleId :
IBLK

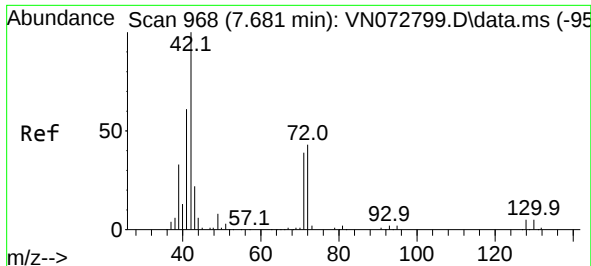
Tgt Ion: 43 Resp: 5301
Ion Ratio Lower Upper
43 100
72 25.3 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 0.214 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 96 Resp: 1084
Ion Ratio Lower Upper
96 100
61 227.2 0.0 280.6
98 54.2 0.0 128.4





#29

Tetrahydrofuran

Concen: 0.609 ug/l

RT: 7.710 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN072802.D

Acq: 13 Jun 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

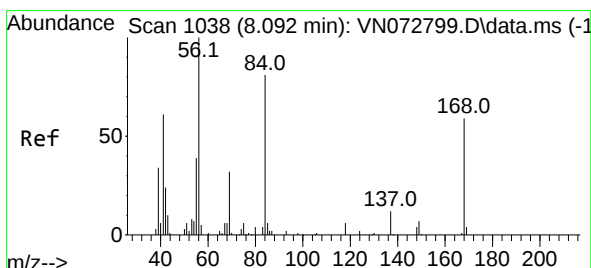
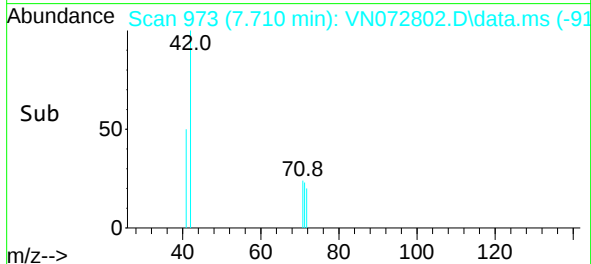
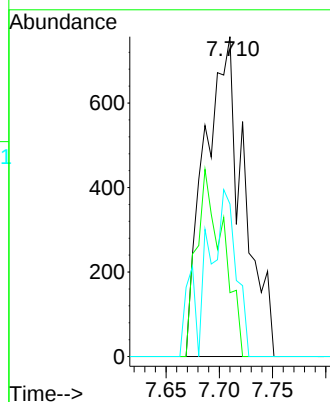
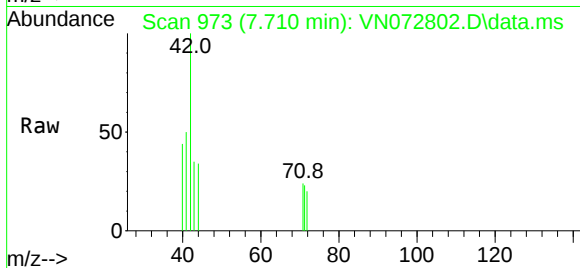
Tgt Ion: 42 Resp: 1931

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 33.9 36.6 55.0#



#31

Cyclohexane

Concen: Below Cal

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072802.D

Acq: 13 Jun 2022 13:04

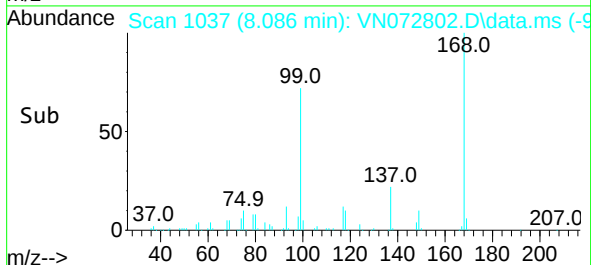
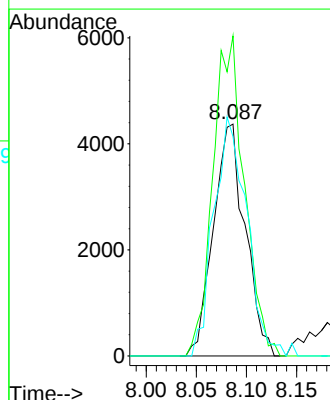
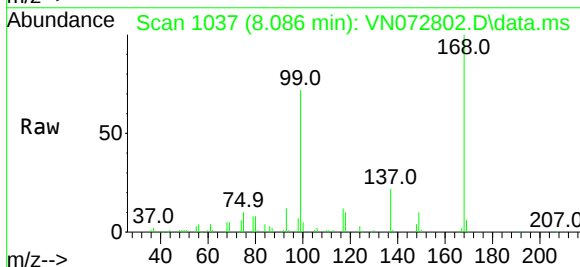
Tgt Ion: 56 Resp: 9650

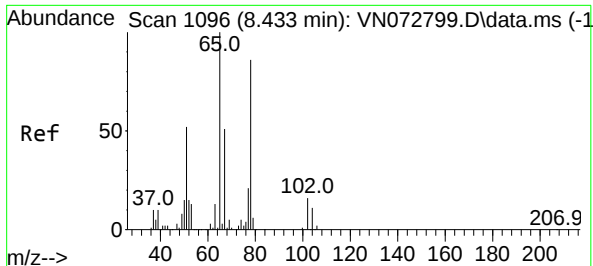
Ion Ratio Lower Upper

56 100

69 138.0 27.8 41.8#

84 94.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 28.917 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072802.D

Acq: 13 Jun 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

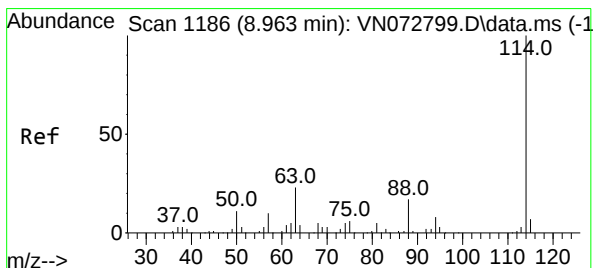
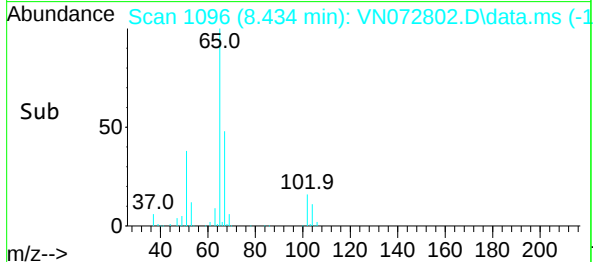
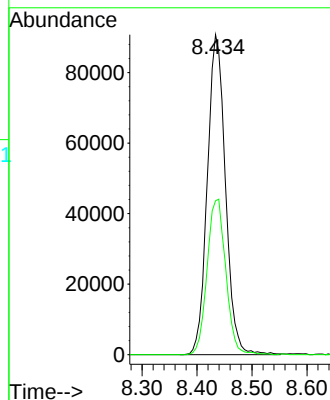
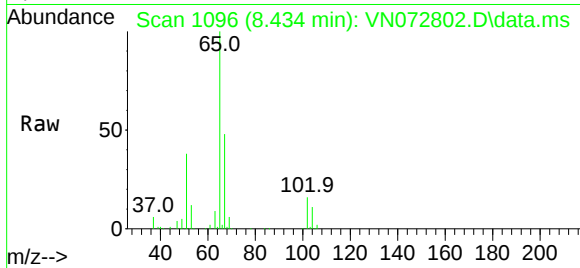
IBLK

Tgt Ion: 65 Resp: 207859

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072802.D

Acq: 13 Jun 2022 13:04

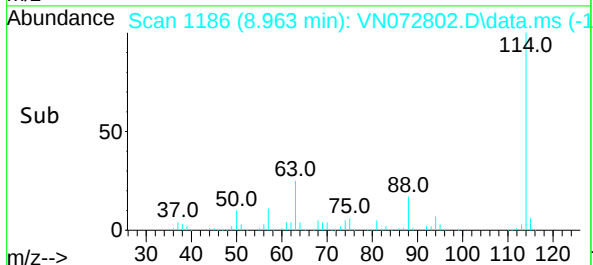
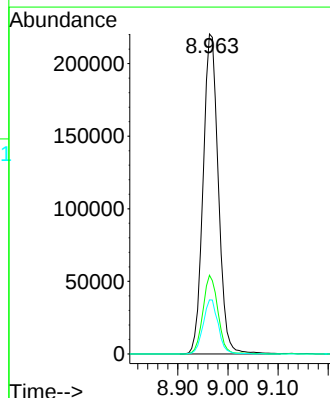
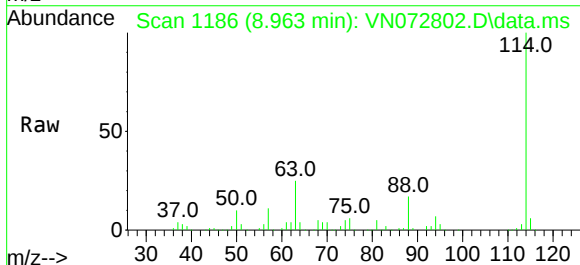
Tgt Ion: 114 Resp: 465149

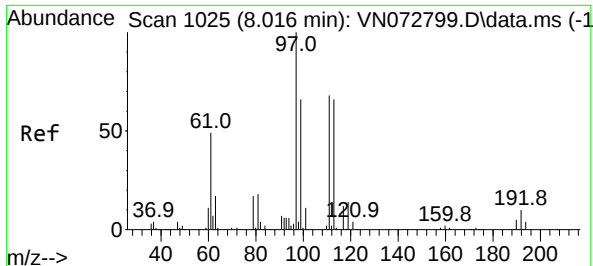
Ion Ratio Lower Upper

114 100

63 24.6 0.0 40.0

88 16.9 0.0 32.6

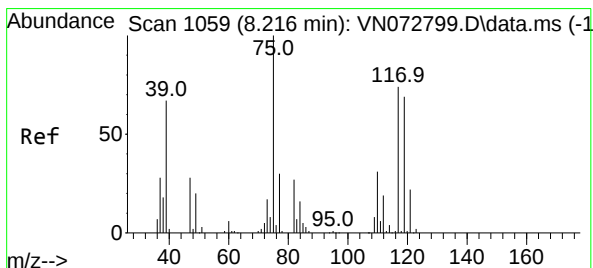
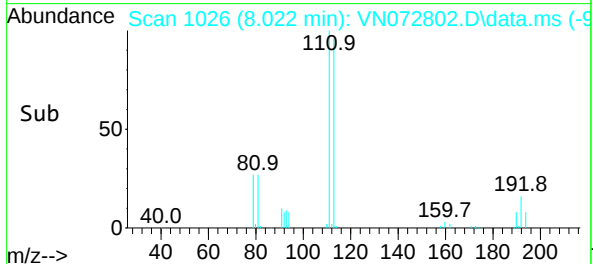
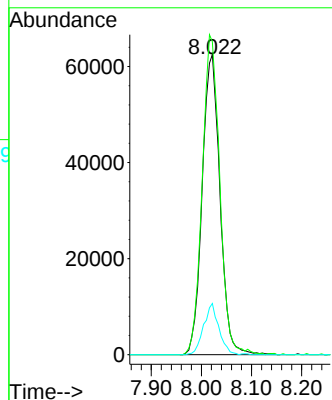
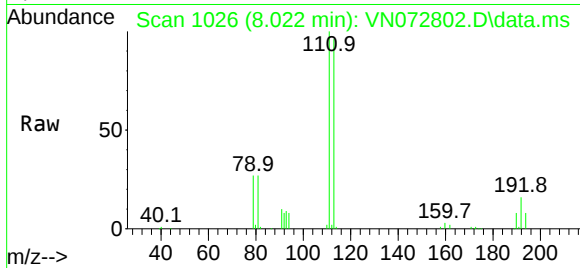




#35
Dibromofluoromethane
Concen: 33.215 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

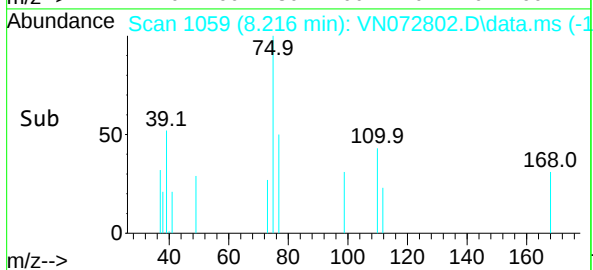
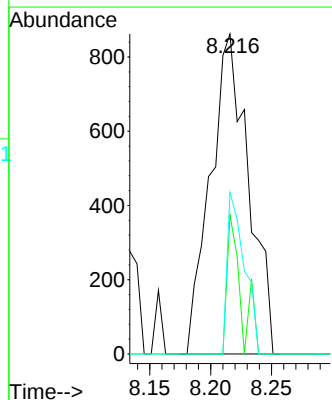
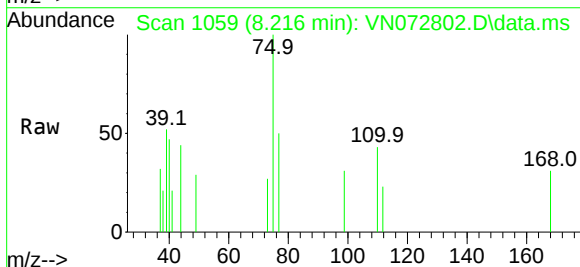
Instrument :
MSVOA_N
ClientSampleId :
IBLK

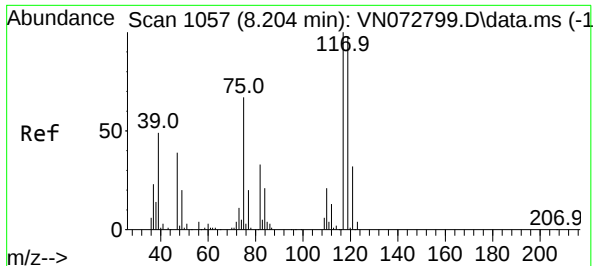
Tgt Ion:113 Resp: 153870
Ion Ratio Lower Upper
113 100
111 105.2 81.4 122.0
192 14.7 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 0.291 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 75 Resp: 1878
Ion Ratio Lower Upper
75 100
110 15.8 18.3 54.8#
77 22.8 25.1 37.7#

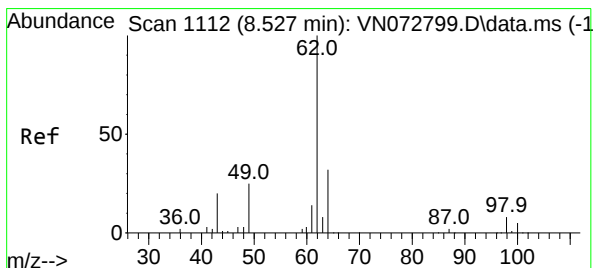
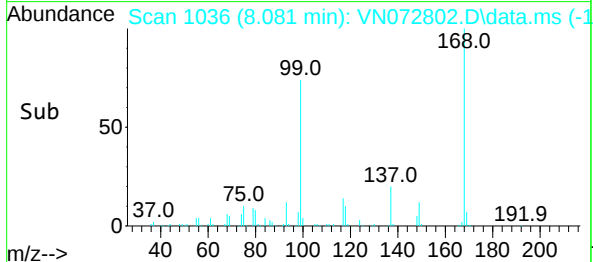
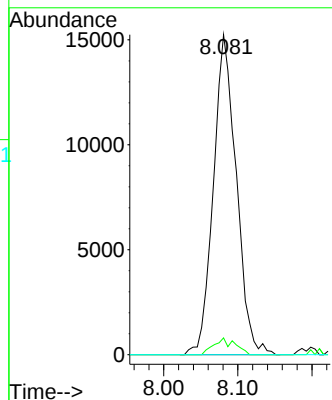
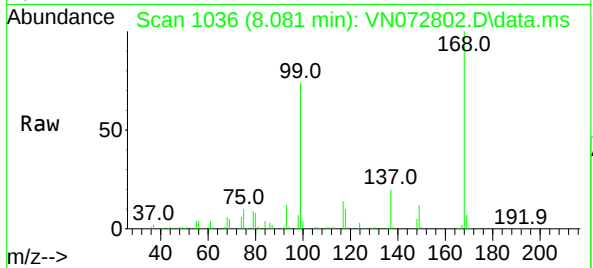




#38
Carbon Tetrachloride
Concen: 4.846 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

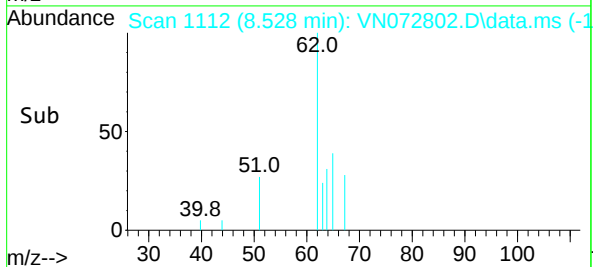
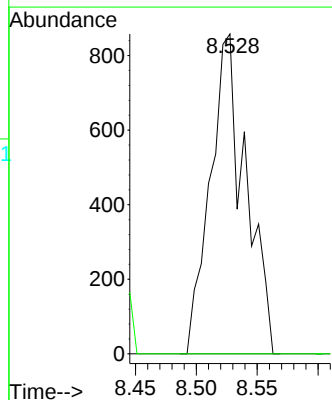
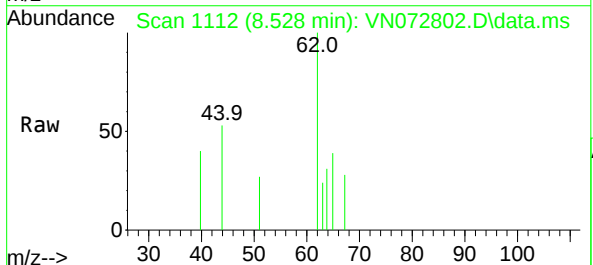
Instrument :
MSVOA_N
ClientSampleId :
IBLK

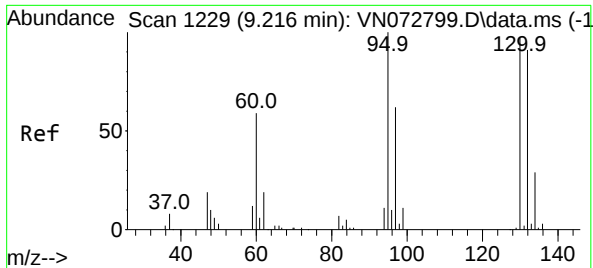
Tgt Ion:117 Resp: 32786
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 0.210 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.001 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 62 Resp: 1733
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4

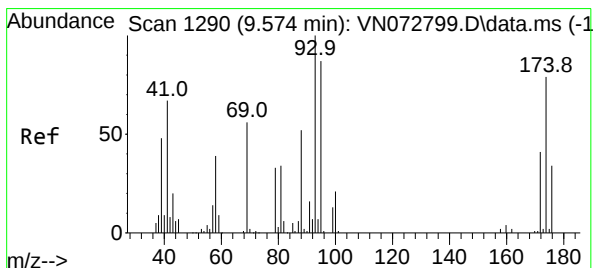
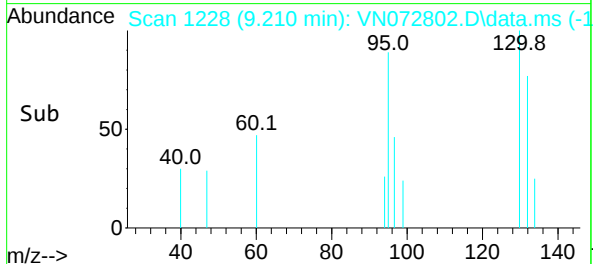
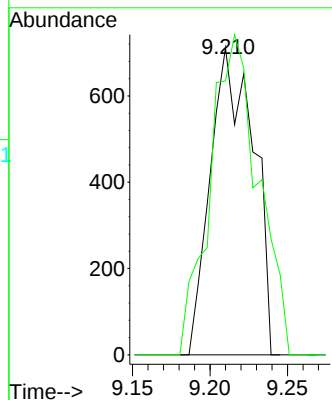
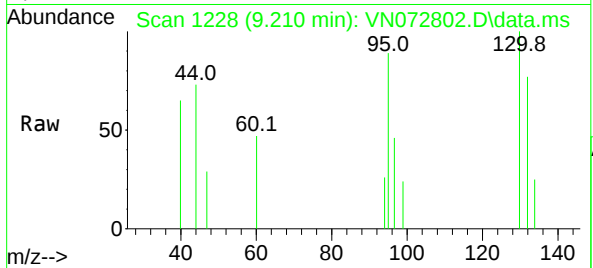




#44
Trichloroethene
Concen: 0.316 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

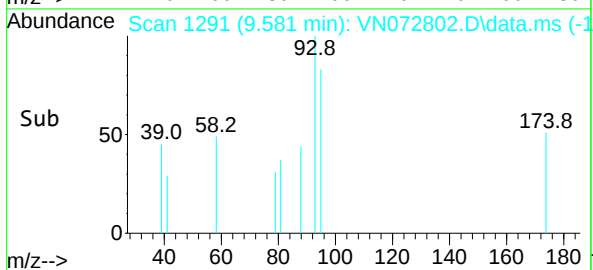
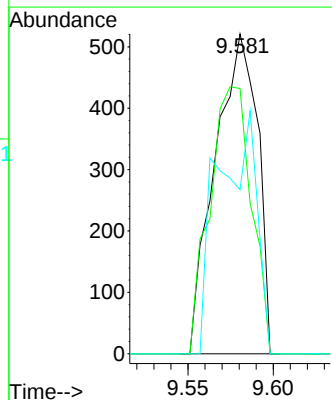
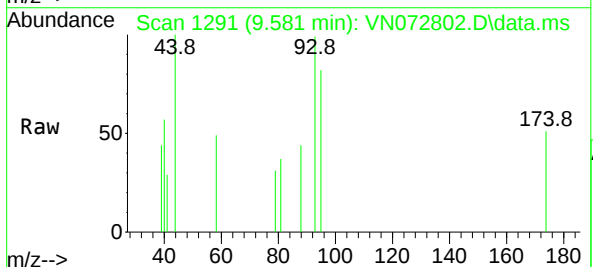
Instrument :
MSVOA_N
ClientSampleId :
IBLK

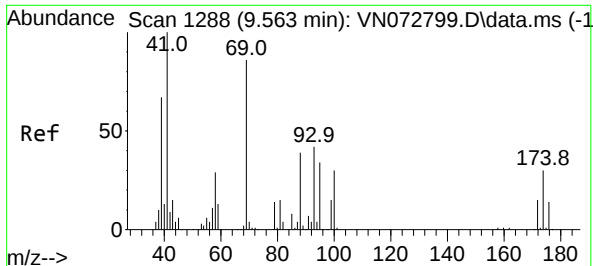
Tgt Ion:130 Resp: 1376
Ion Ratio Lower Upper
130 100
95 89.2 0.0 186.8



#46
Dibromomethane
Concen: 0.250 ug/l
RT: 9.581 min Scan# 1291
Delta R.T. 0.007 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 93 Resp: 901
Ion Ratio Lower Upper
93 100
95 82.0 66.9 100.3
174 45.8 86.6 130.0#

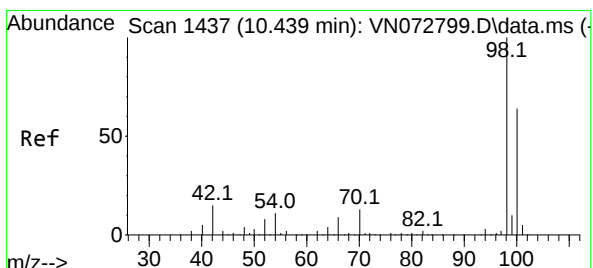
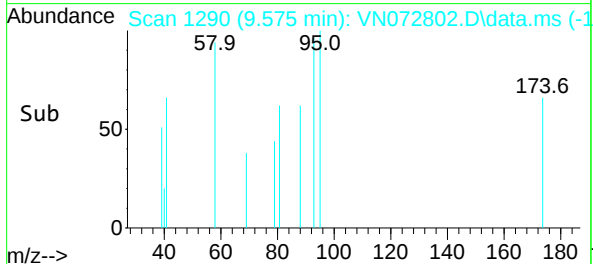
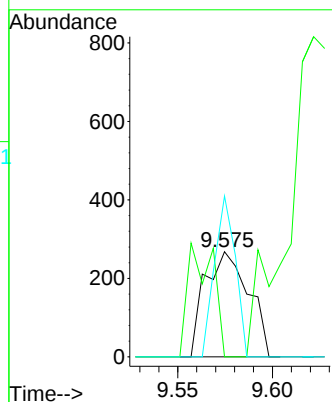
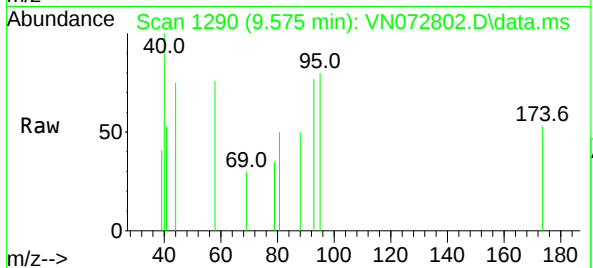




#49
1,4-Dioxane
Concen: 3.561 ug/l
RT: 9.575 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

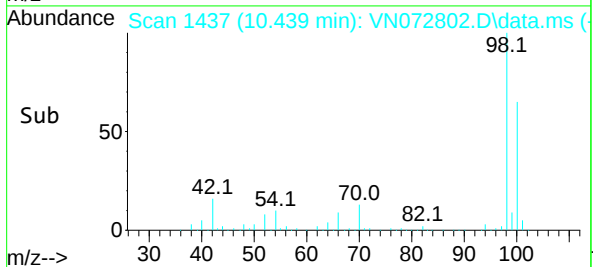
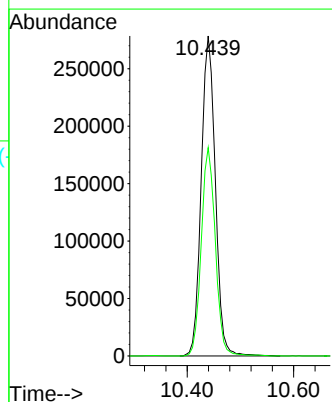
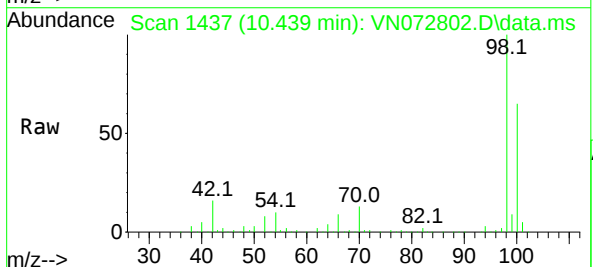
Instrument :
MSVOA_N
ClientSampleId :
IBLK

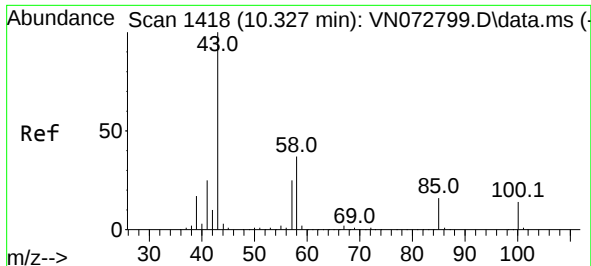
Tgt Ion: 88 Resp: 431
Ion Ratio Lower Upper
88 100
43 61.7 20.2 30.4#
58 72.4 54.2 81.4



#50
Toluene-d8
Concen: 27.522 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 98 Resp: 512038
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

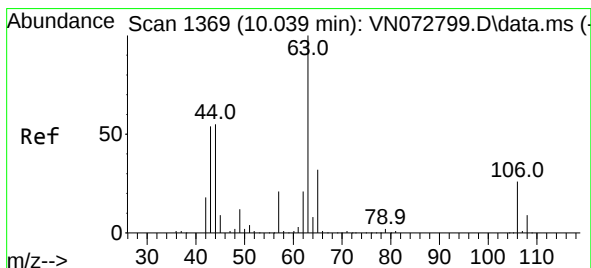
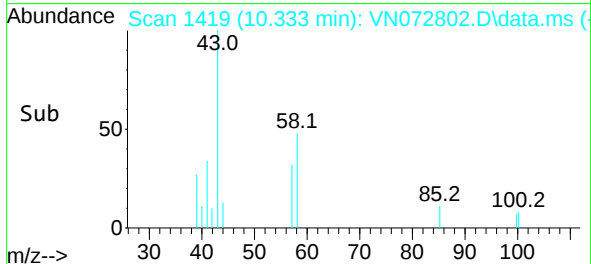
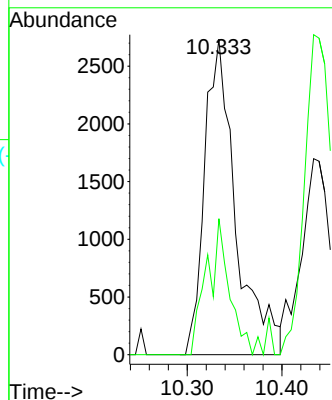
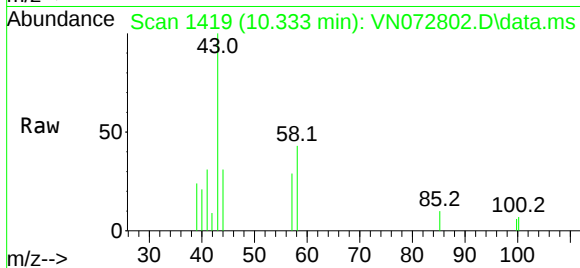




#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 10.333 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

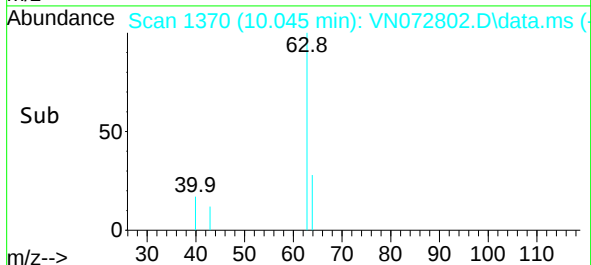
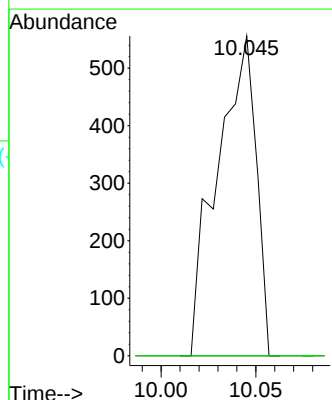
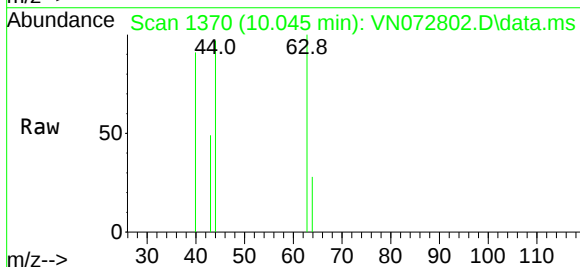
Instrument :
MSVOA_N
ClientSampleId :
IBLK

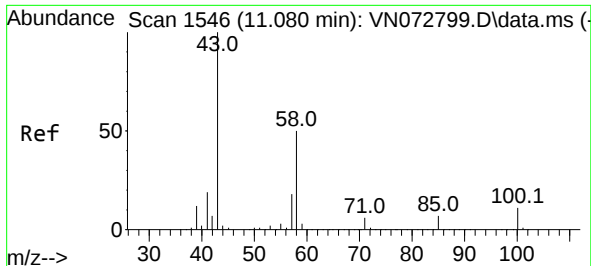
Tgt Ion: 43 Resp: 6259
Ion Ratio Lower Upper
43 100
58 31.1 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: 0.209 ug/l
RT: 10.045 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 63 Resp: 794
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

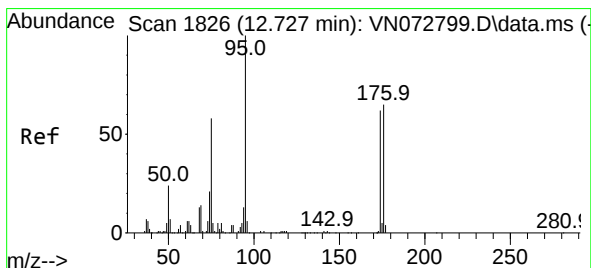
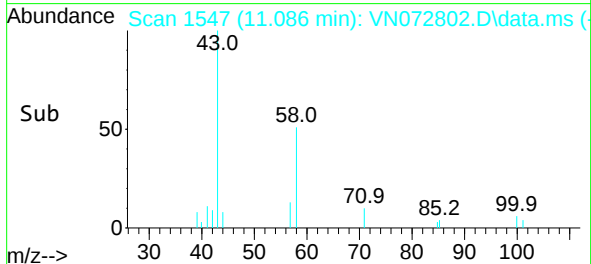
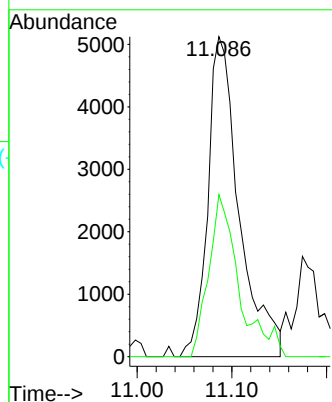
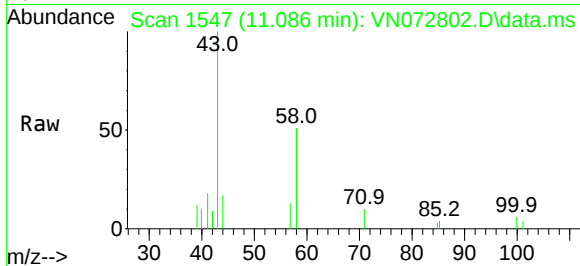




#59
2-Hexanone
Concen: 1.570 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

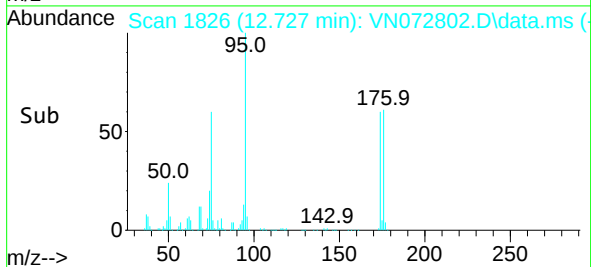
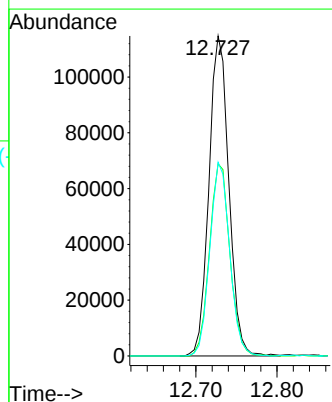
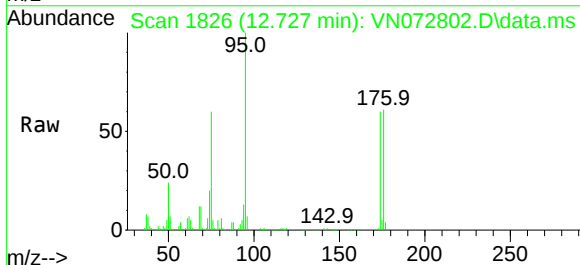
Instrument :
MSVOA_N
ClientSampleId :
IBLK

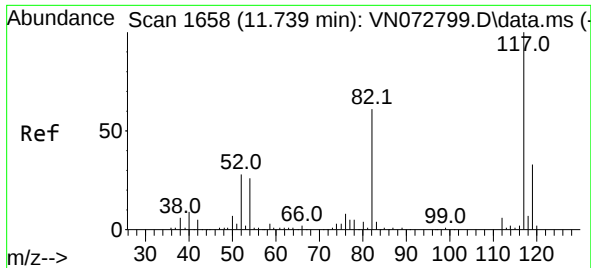
Tgt Ion: 43 Resp: 11774
Ion Ratio Lower Upper
43 100
58 48.9 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 29.693 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 95 Resp: 195221
Ion Ratio Lower Upper
95 100
174 61.5 0.0 167.6
176 60.2 0.0 163.4

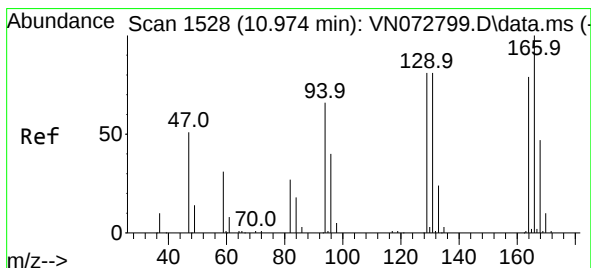
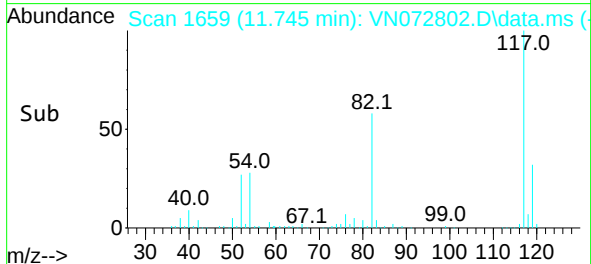
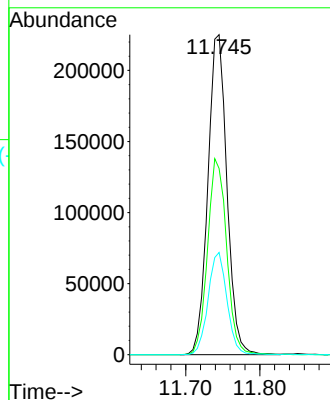
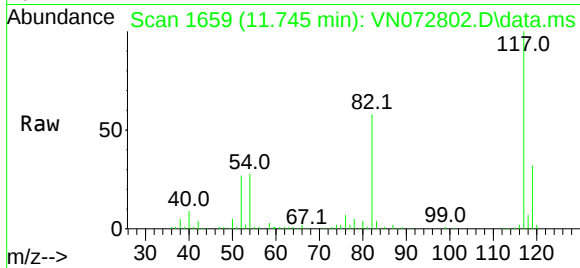




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

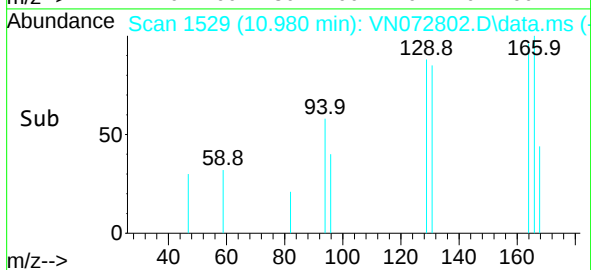
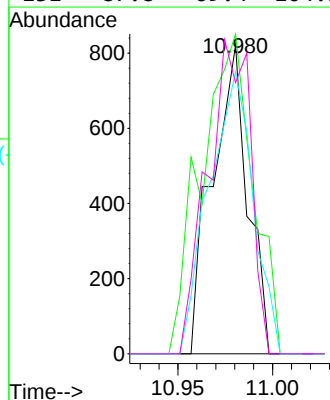
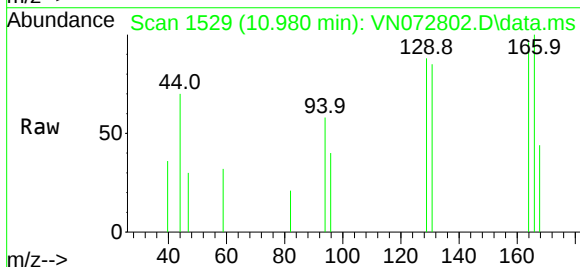
Instrument :
MSVOA_N
ClientSampleId :
IBLK

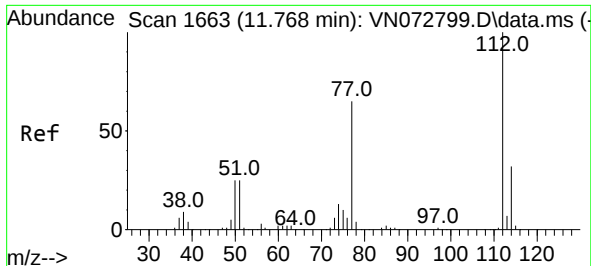
Tgt Ion:117 Resp: 402409
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 0.347 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:164 Resp: 1070
Ion Ratio Lower Upper
164 100
166 103.7 104.2 156.2#
129 91.4 73.9 110.9
131 87.8 69.4 104.2

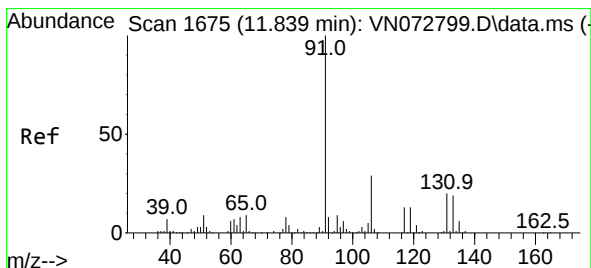
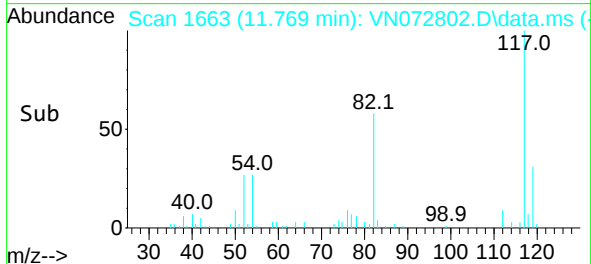
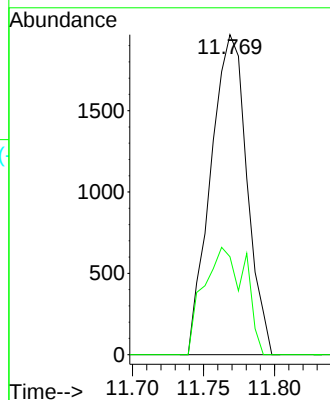
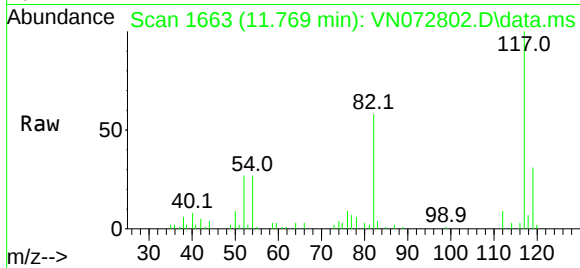




#65
Chlorobenzene
Concen: 0.329 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.001 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

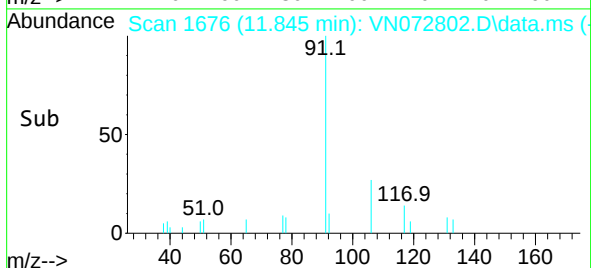
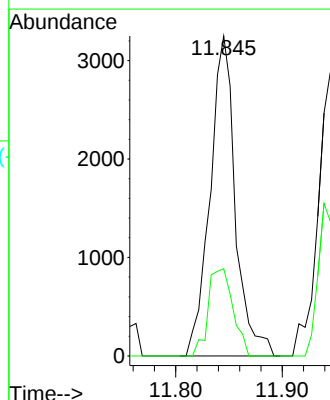
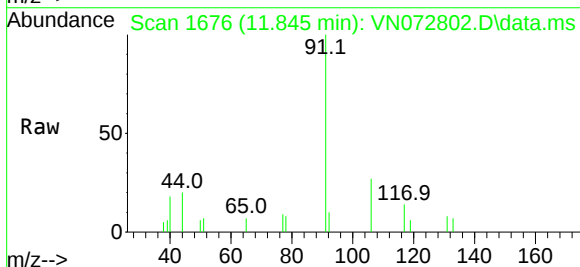
Instrument :
MSVOA_N
ClientSampleId :
IBLK

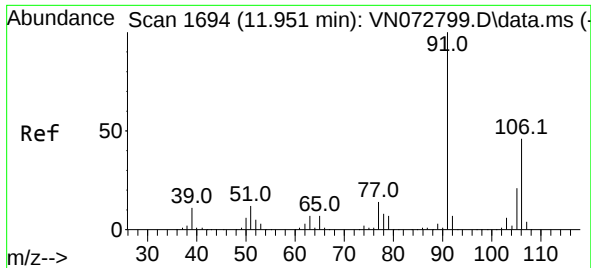
Tgt Ion:112 Resp: 3495
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.2



#67
Ethyl Benzene
Concen: 0.270 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 91 Resp: 5345
Ion Ratio Lower Upper
91 100
106 27.3 24.9 37.3

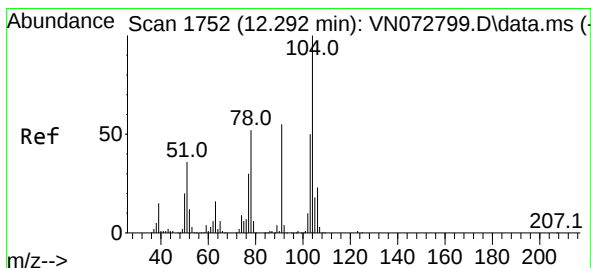
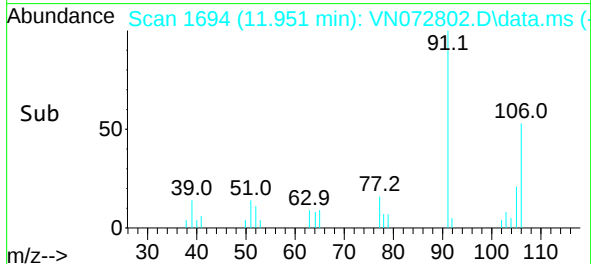
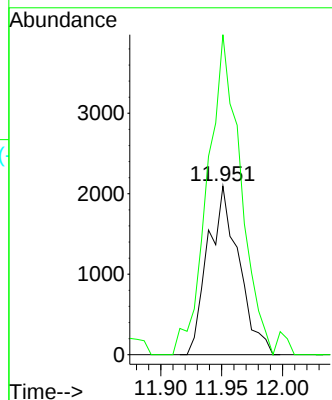
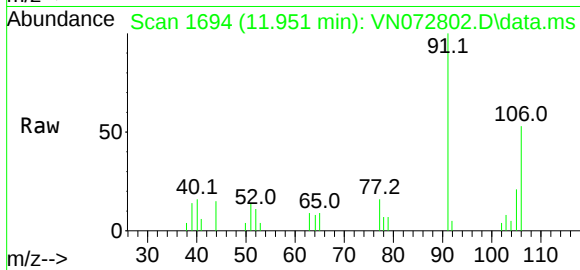




#68
m/p-Xylenes
Concen: 0.522 ug/l
RT: 11.951 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

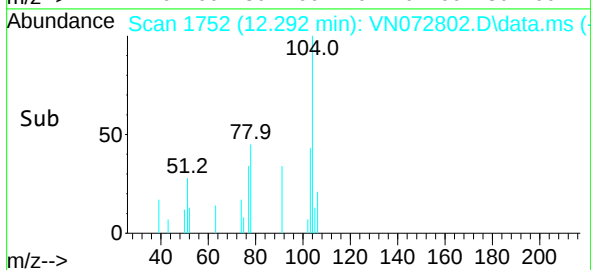
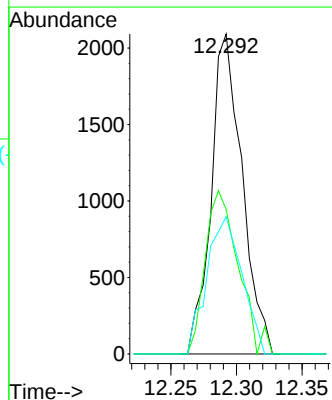
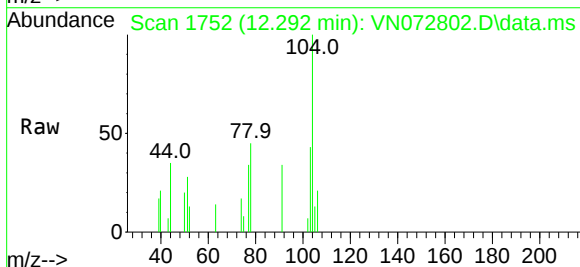
Instrument :
MSVOA_N
ClientSampleId :
IBLK

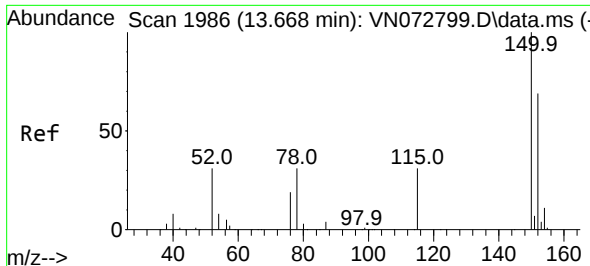
Tgt Ion:106 Resp: 3702
Ion Ratio Lower Upper
106 100
91 203.8 158.9 238.3



#70
Styrene
Concen: 0.302 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:104 Resp: 3432
Ion Ratio Lower Upper
104 100
78 54.7 39.5 59.3
103 48.9 44.0 66.0

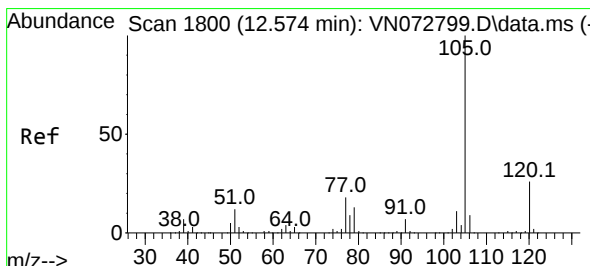
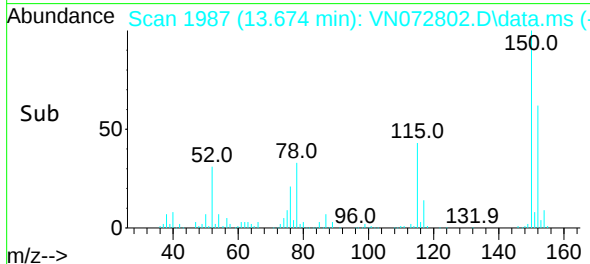
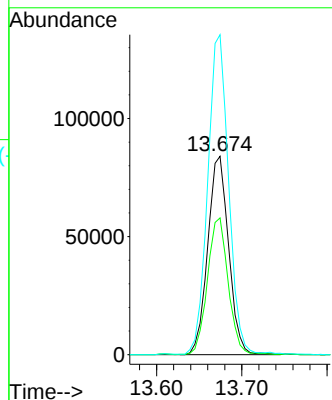
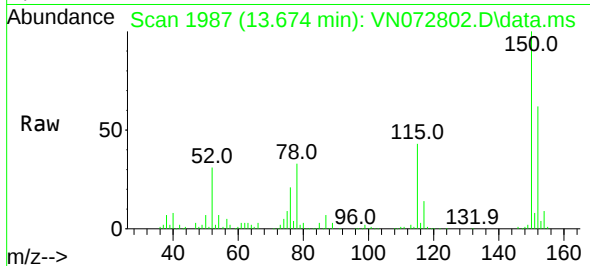




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

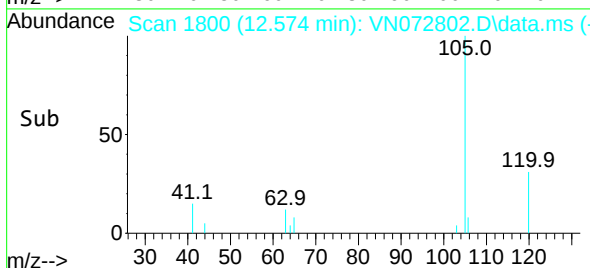
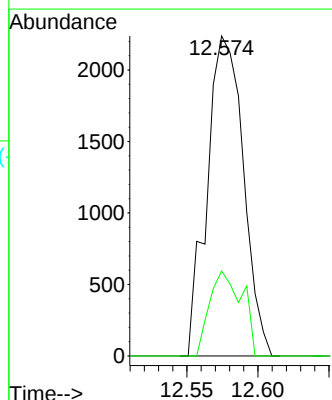
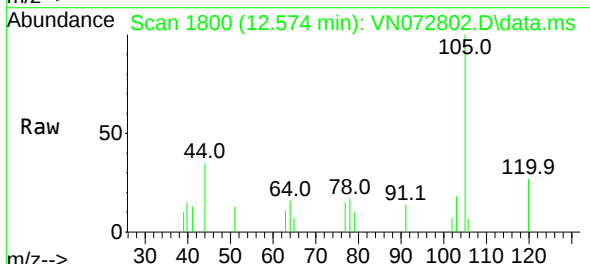
Instrument :
MSVOA_N
ClientSampleId :
IBLK

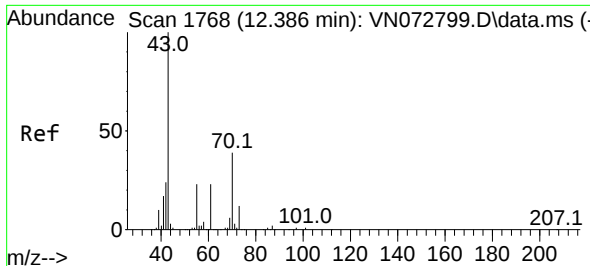
Tgt Ion:152 Resp: 143594
Ion Ratio Lower Upper
152 100
115 68.5 28.9 86.7
150 161.9 0.0 356.2



#73
Isopropylbenzene
Concen: 0.272 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:105 Resp: 3976
Ion Ratio Lower Upper
105 100
120 23.8 13.5 40.4

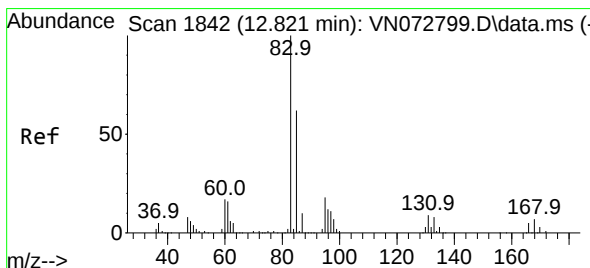
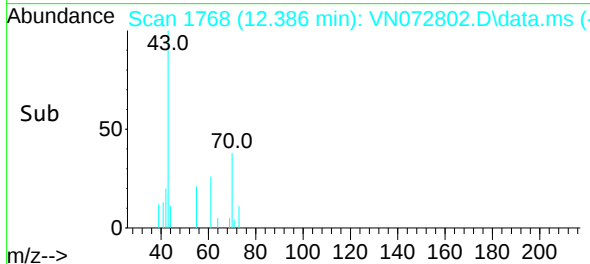
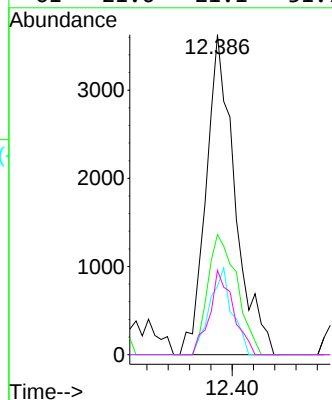
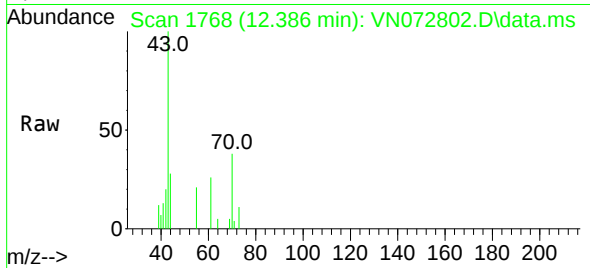




#74
N-amy1 acetate
Concen: 0.976 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

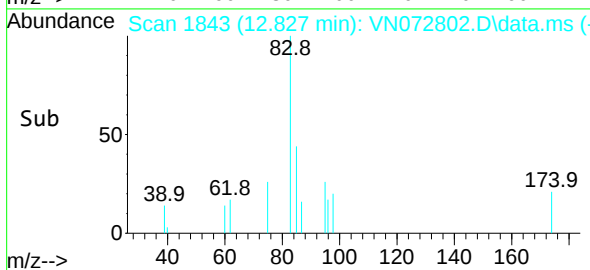
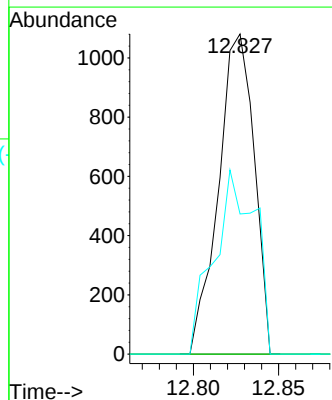
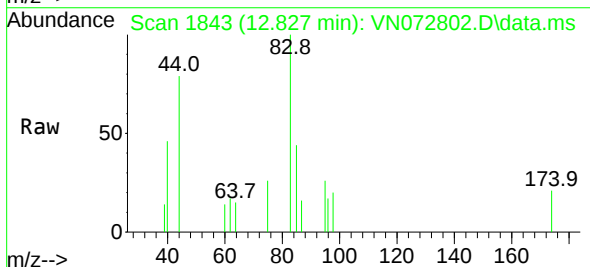
Instrument :
MSVOA_N
ClientSampleId :
IBLK

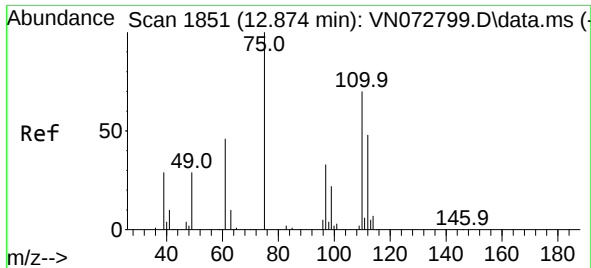
Tgt Ion:	43	Resp:	6848
Ion	Ratio	Lower	Upper
43	100		
70	37.8	39.0	58.4#
55	20.9	21.1	31.7#
61	21.6	21.1	31.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.305 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:	83	Resp:	1576
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.9#
85	66.3	32.3	96.9

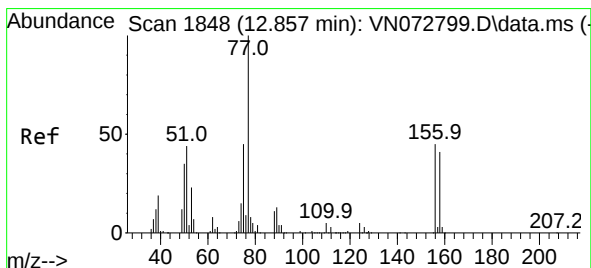
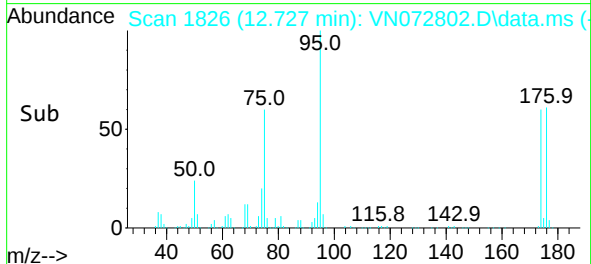
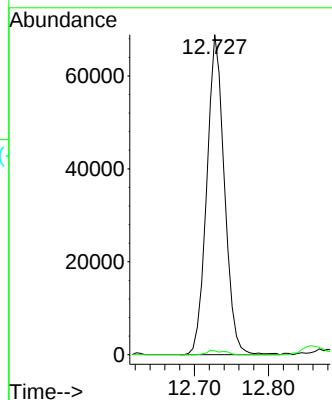
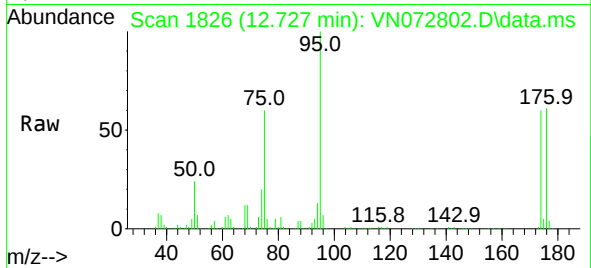




#76
1,2,3-Trichloropropane
Concen: 23.082 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

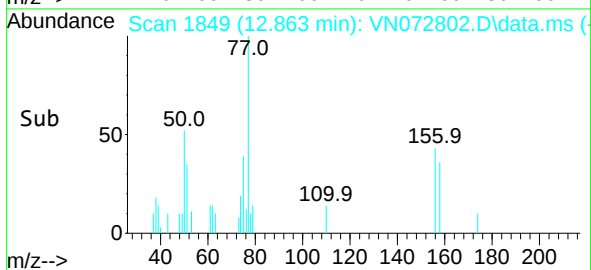
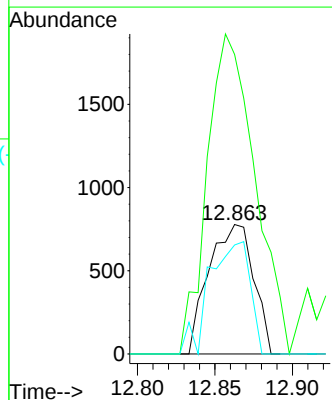
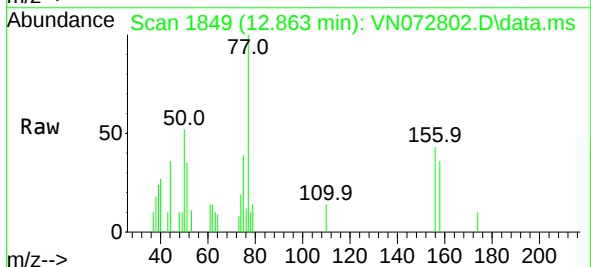
Instrument :
MSVOA_N
ClientSampleId :
IBLK

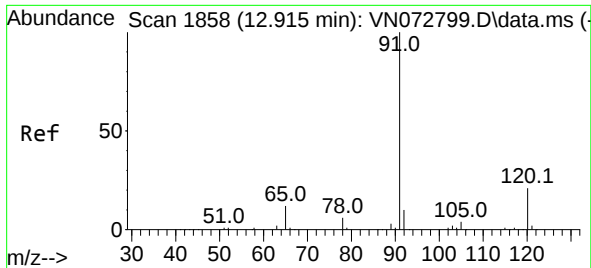
Tgt Ion: 75 Resp: 113758
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#77
Bromobenzene
Concen: 0.532 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:156 Resp: 1562
Ion Ratio Lower Upper
156 100
77 263.9 100.5 301.5
158 78.5 48.9 146.6

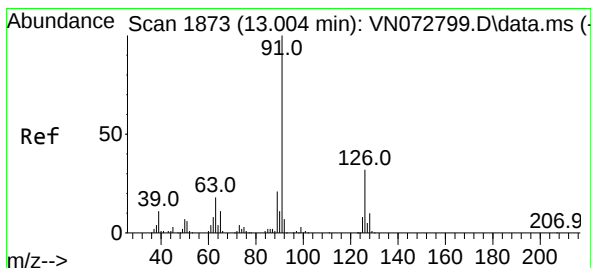
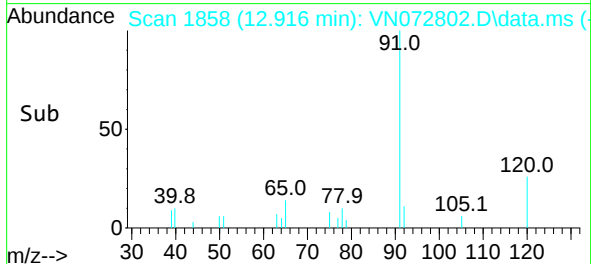
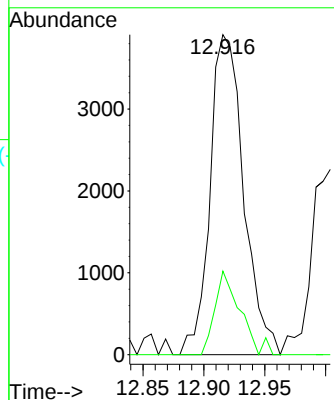
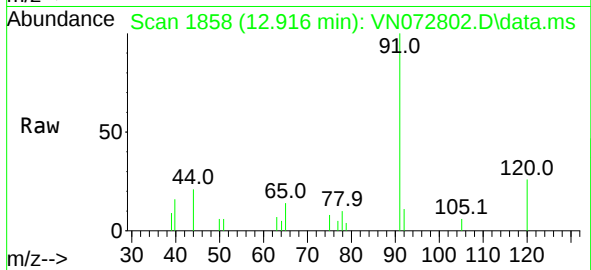




#78
n-propylbenzene
Concen: 0.460 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.001 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

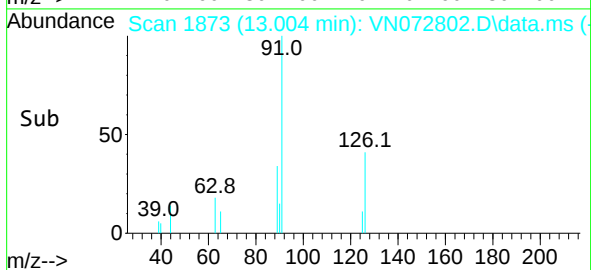
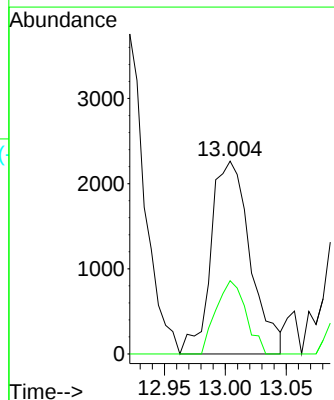
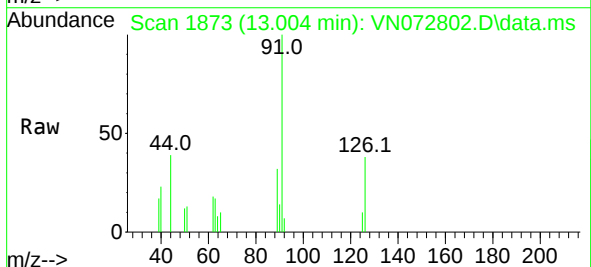
Instrument :
MSVOA_N
ClientSampleId :
IBLK

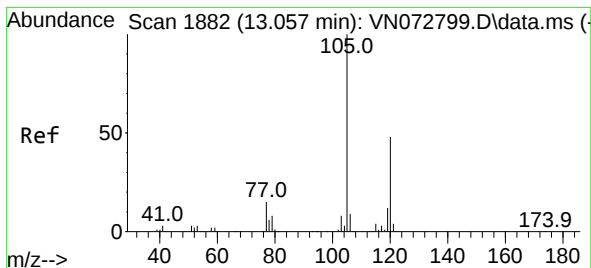
Tgt Ion: 91 Resp: 7496
Ion Ratio Lower Upper
91 100
120 19.7 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.498 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 91 Resp: 5084
Ion Ratio Lower Upper
91 100
126 28.9 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.332 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN072802.D

Acq: 13 Jun 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

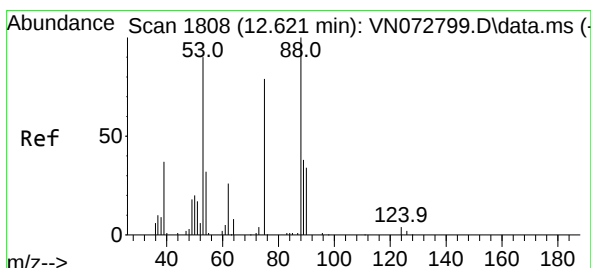
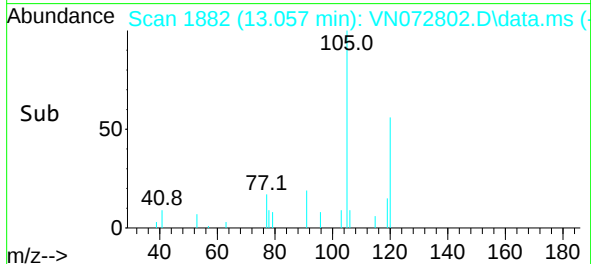
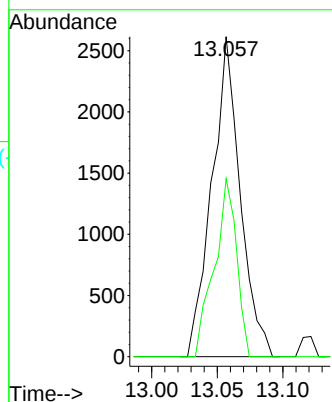
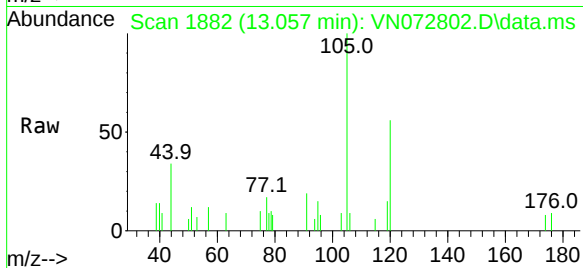
IBLK

Tgt Ion:105 Resp: 3923

Ion Ratio Lower Upper

105 100

120 43.6 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 70.352 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.106 min

Lab File: VN072802.D

Acq: 13 Jun 2022 13:04

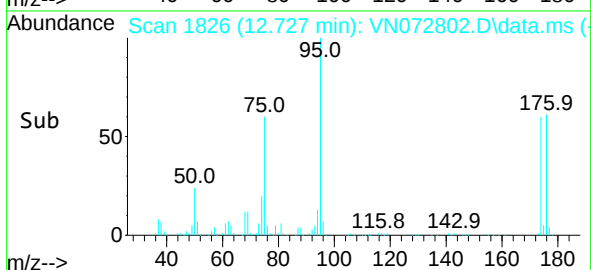
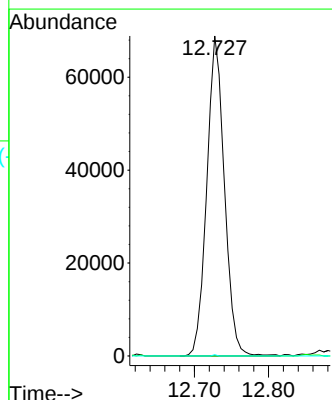
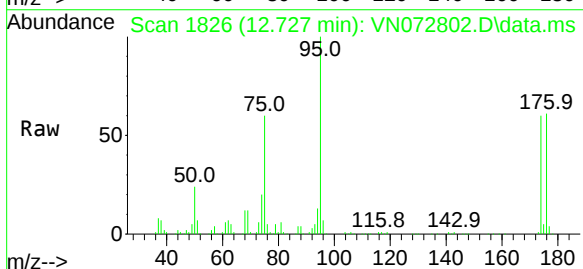
Tgt Ion: 75 Resp: 113758

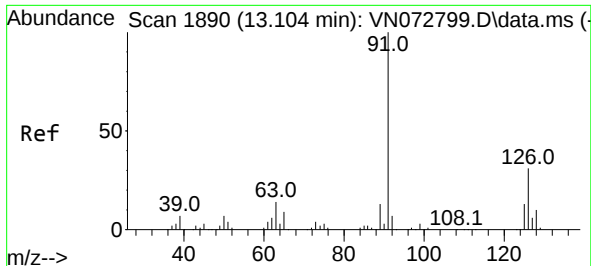
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.1 37.2 55.8#

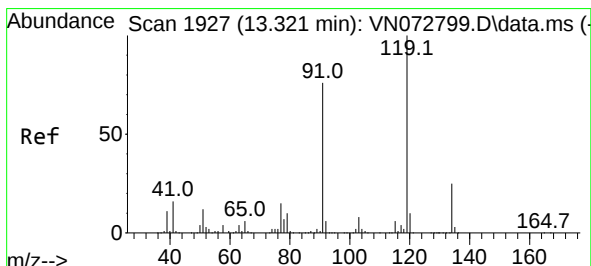
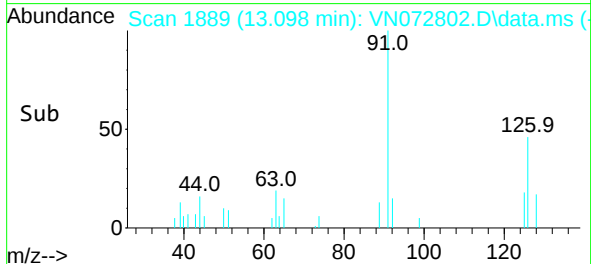
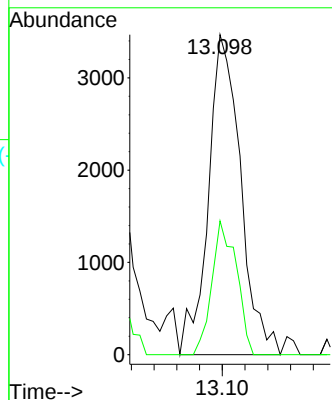
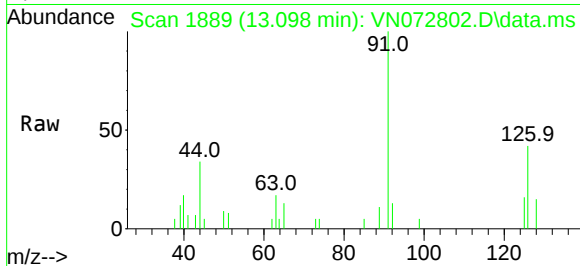




#82
4-Chlorotoluene
Concen: 0.719 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

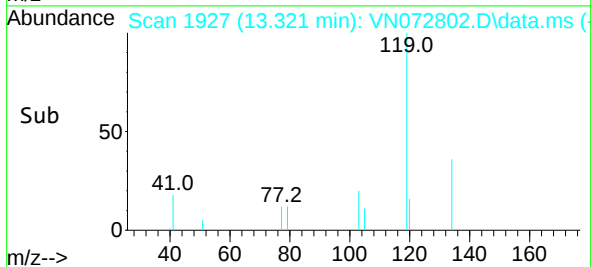
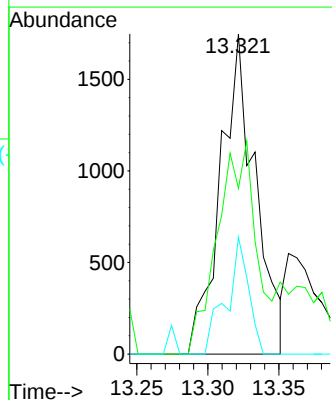
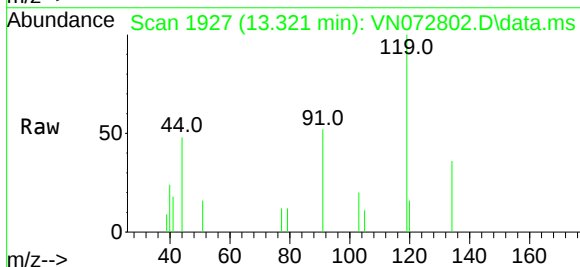
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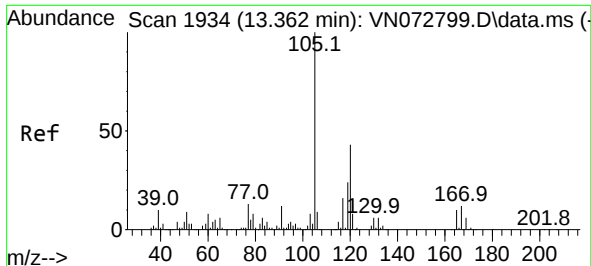
Tgt Ion: 91 Resp: 6836
Ion Ratio Lower Upper
91 100
126 31.9 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.285 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 119 Resp: 3004
Ion Ratio Lower Upper
119 100
91 72.8 31.6 94.8
134 23.2 13.7 41.1

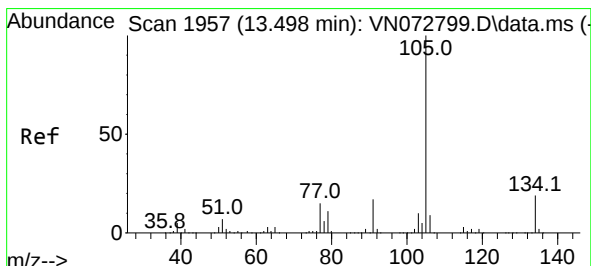
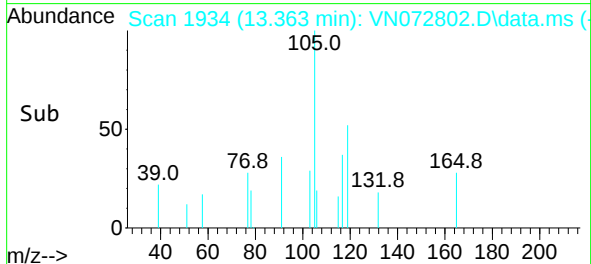
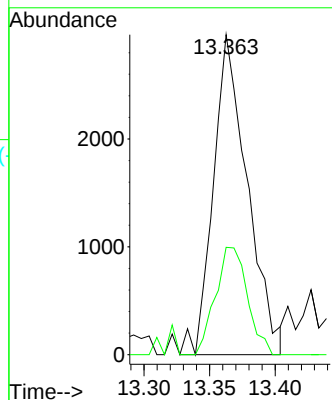
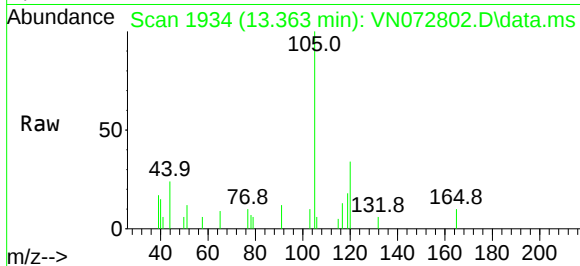




#84
1,2,4-Trimethylbenzene
Concen: 0.471 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.001 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

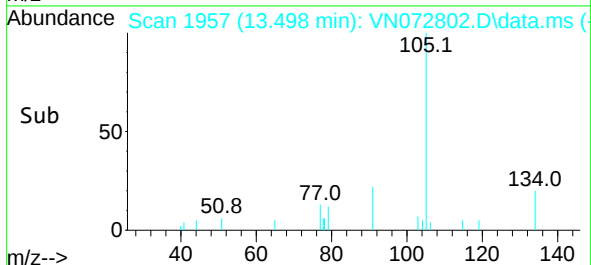
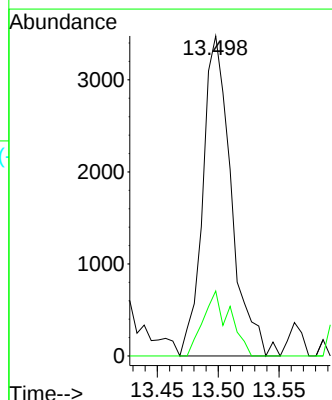
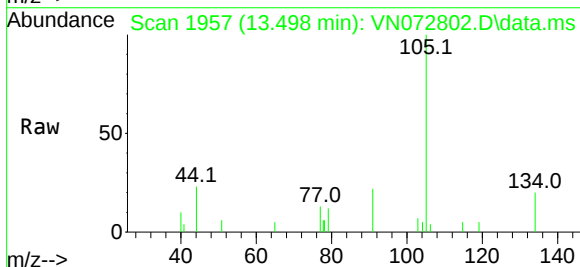
Instrument :
MSVOA_N
ClientSampleId :
IBLK

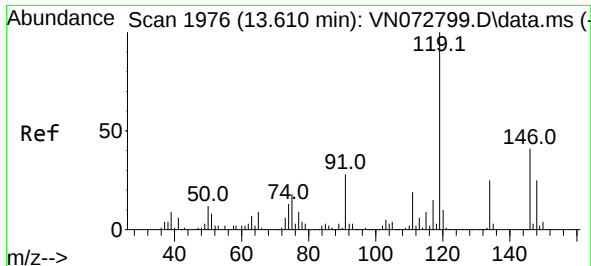
Tgt Ion:105 Resp: 5353
Ion Ratio Lower Upper
105 100
120 31.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.399 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:105 Resp: 5632
Ion Ratio Lower Upper
105 100
134 19.2 10.4 31.1

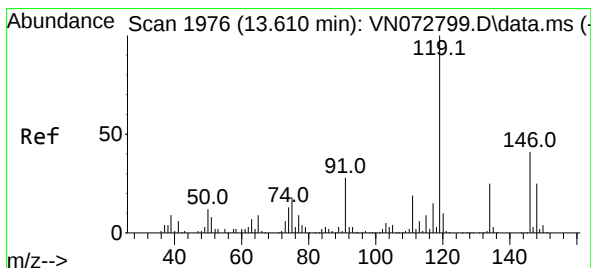
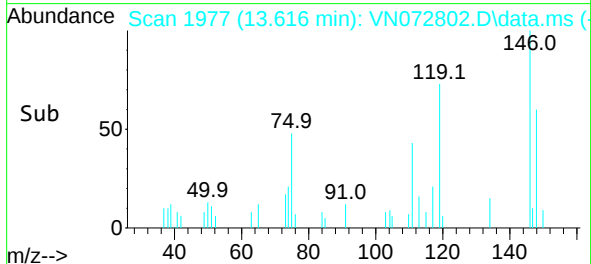
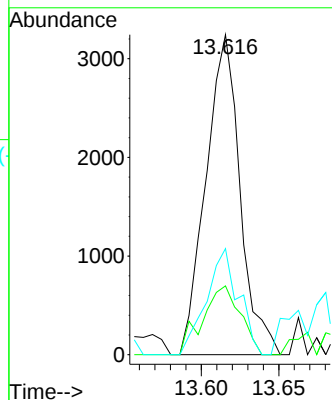
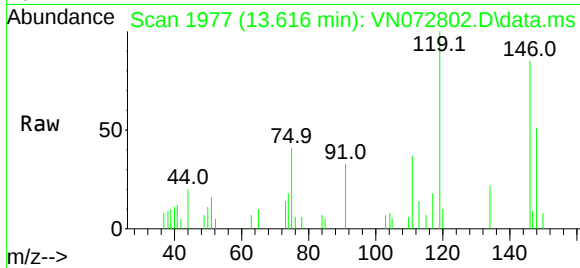




#86
p-Isopropyltoluene
Concen: 0.452 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

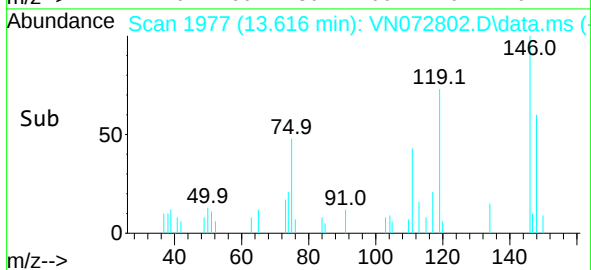
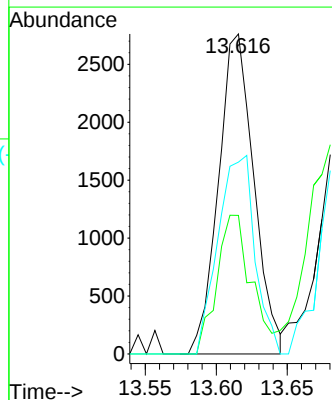
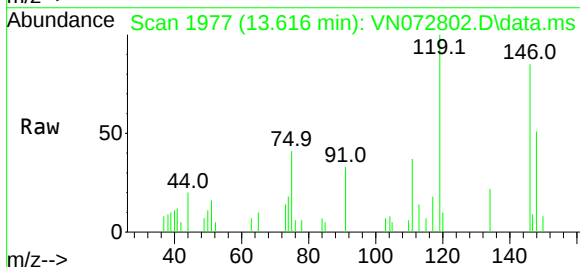
Instrument :
MSVOA_N
ClientSampleId :
IBLK

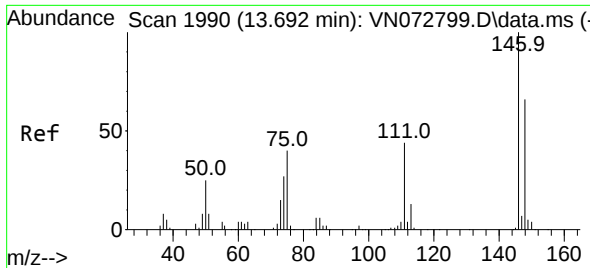
Tgt Ion:119	Resp:	4969
Ion	Ratio	Lower Upper
119	100	
134	23.8	13.3 39.8
91	31.3	11.3 33.9



#87
1,3-Dichlorobenzene
Concen: 0.952 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:146	Resp:	4792
Ion	Ratio	Lower Upper
146	100	
111	42.1	20.0 60.0
148	64.6	32.0 96.0

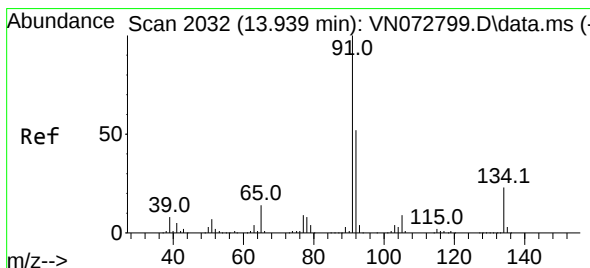
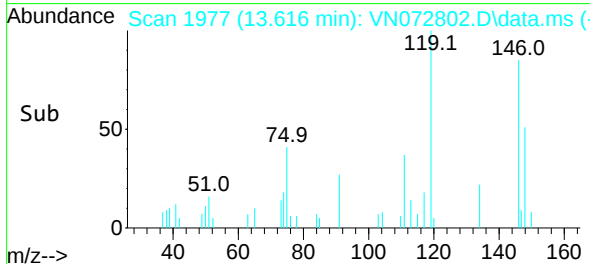
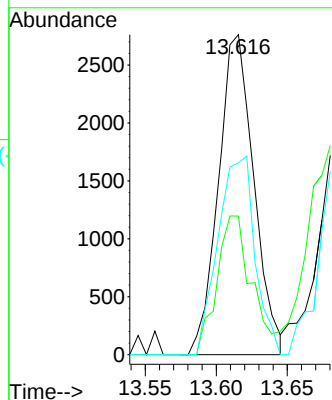
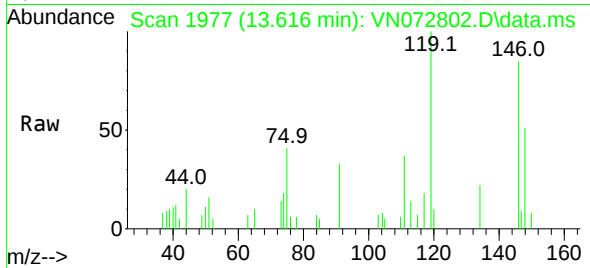




#88
1,4-Dichlorobenzene
Concen: 0.964 ug/l
RT: 13.616 min Scan# 1990
Delta R.T. -0.076 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

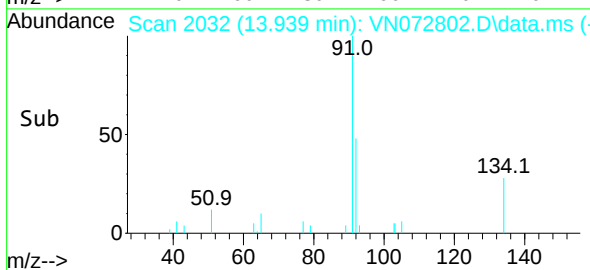
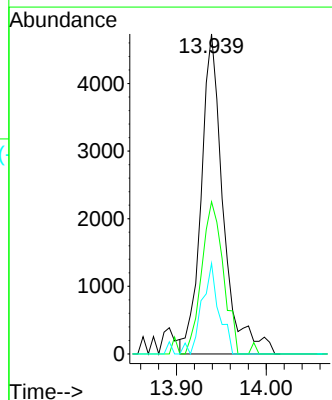
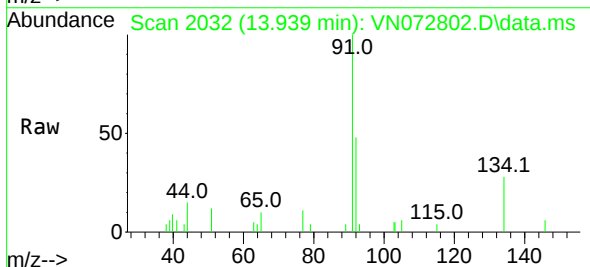
Instrument :
MSVOA_N
ClientSampleId :
IBLK

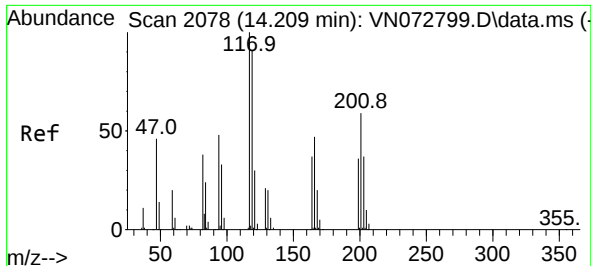
Tgt Ion:146 Resp: 4792
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.1
148 64.6 31.4 94.3



#89
n-Butylbenzene
Concen: 0.865 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion: 91 Resp: 8070
Ion Ratio Lower Upper
91 100
92 46.6 26.9 80.7
134 21.9 13.6 40.8

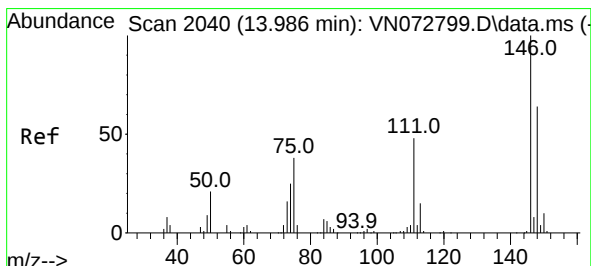
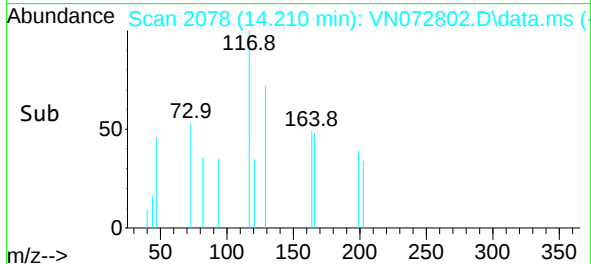
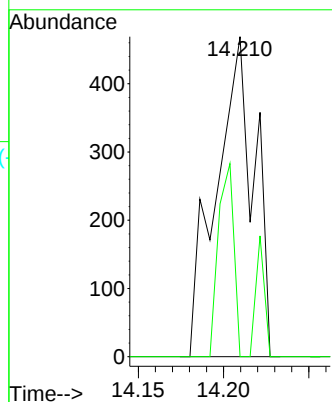
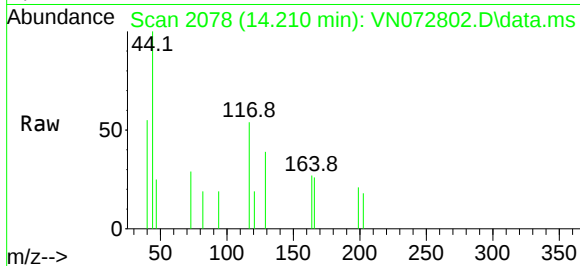




#90
Hexachloroethane
Concen: 0.309 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.001 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

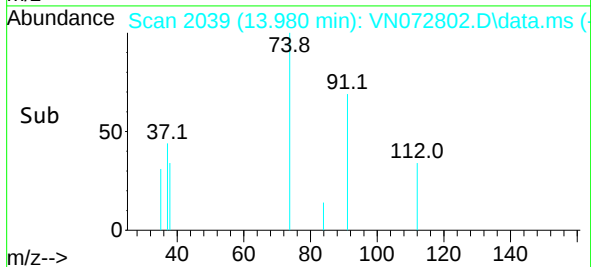
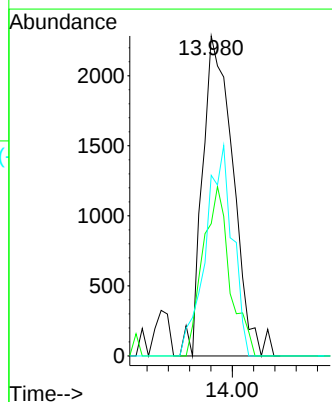
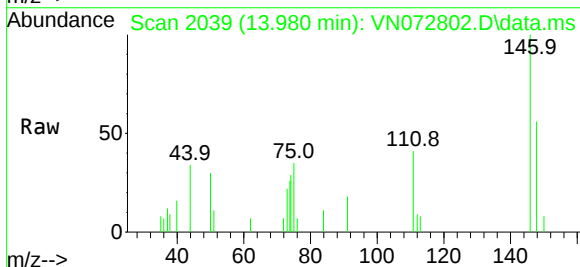
Instrument :
MSVOA_N
ClientSampleId :
IBLK

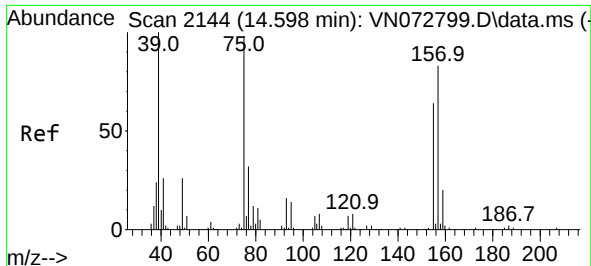
Tgt Ion:117 Resp: 727
Ion Ratio Lower Upper
117 100
201 24.6 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.915 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

Tgt Ion:146 Resp: 4562
Ion Ratio Lower Upper
146 100
111 46.5 20.9 62.8
148 57.9 32.1 96.3

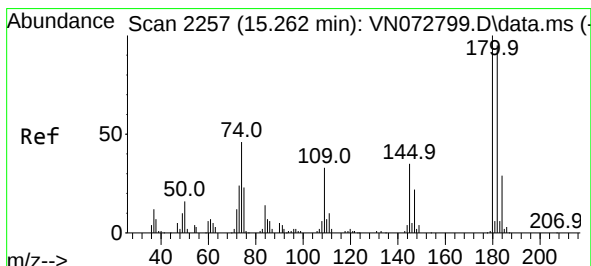
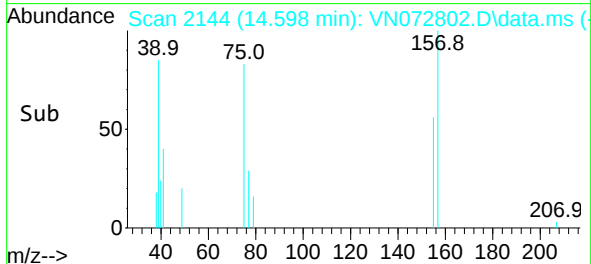
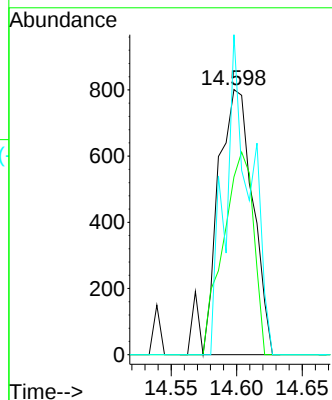
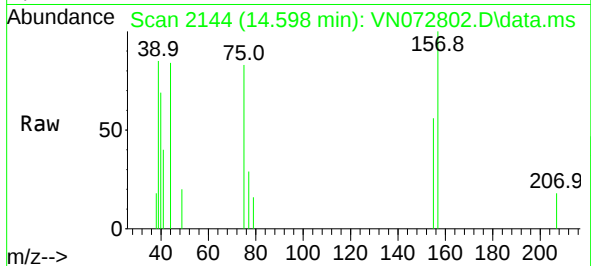




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.333 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN072802.D
 Acq: 13 Jun 2022 13:04

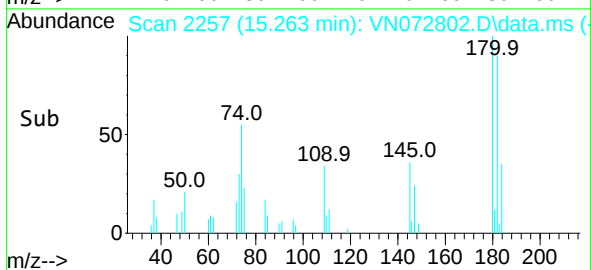
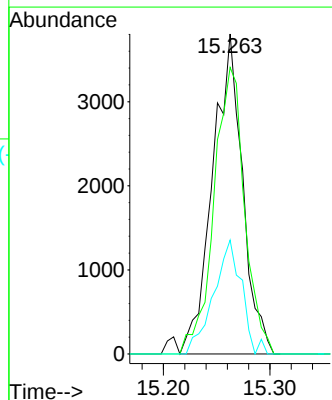
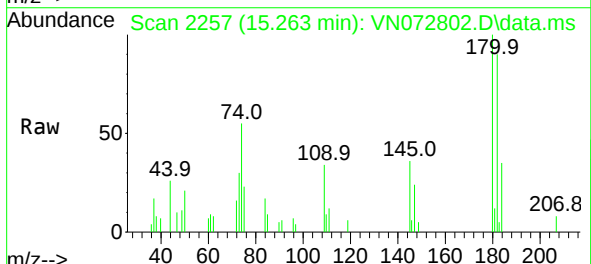
Instrument :
 MSVOA_N
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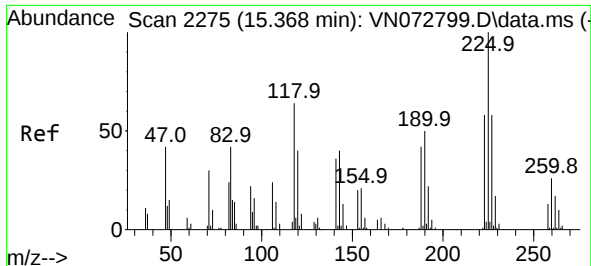
Tgt Ion: 75 Resp: 1510
 Ion Ratio Lower Upper
 75 100
 155 65.4 44.9 134.5
 157 85.6 59.0 176.8



#93
 1,2,4-Trichlorobenzene
 Concen: 3.287 ug/l
 RT: 15.263 min Scan# 2257
 Delta R.T. 0.001 min
 Lab File: VN072802.D
 Acq: 13 Jun 2022 13:04

Tgt Ion: 180 Resp: 7436
 Ion Ratio Lower Upper
 180 100
 182 91.4 47.5 142.5
 145 33.3 14.5 43.5

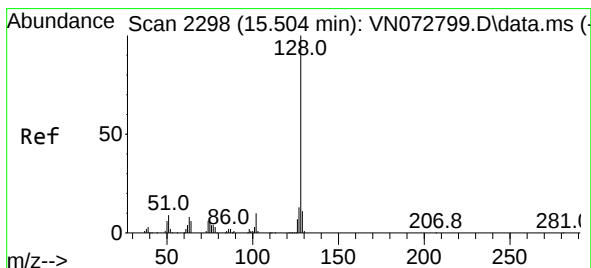
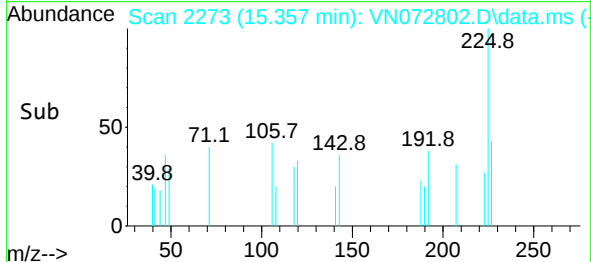
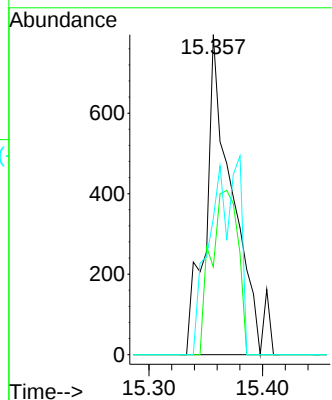
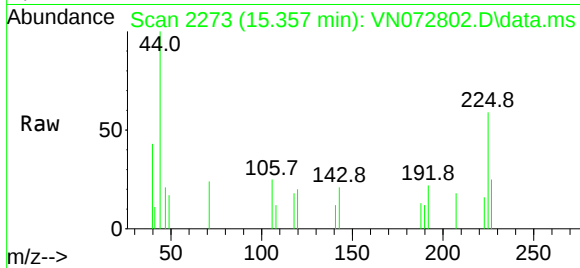




#94
Hexachlorobutadiene
Concen: 1.207 ug/l
RT: 15.357 min Scan# 2273
Delta R.T. -0.011 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

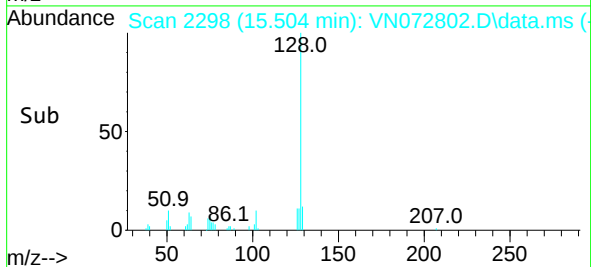
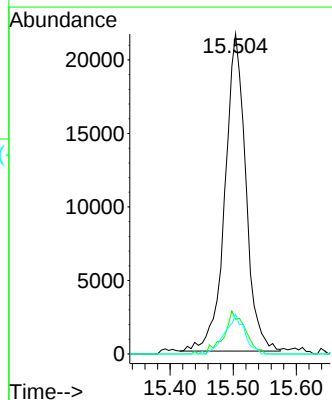
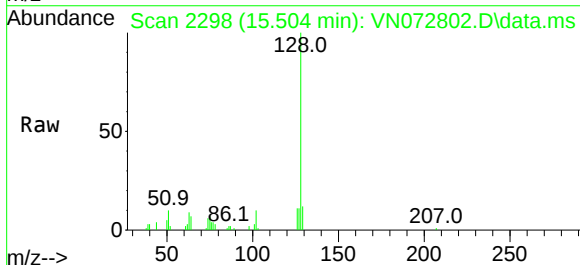
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MSVOA_N
ClientSampleId :
IBLK

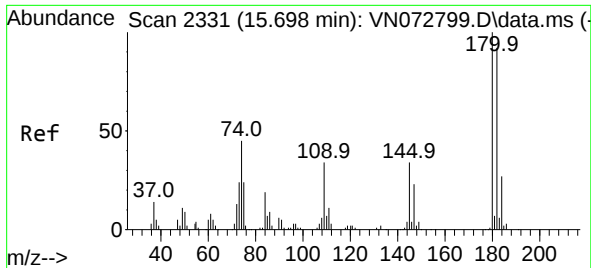
Tgt Ion:	225	Resp:	1313
Ion Ratio	Lower	Upper	
225	100		
223	0.0	32.4	97.2#
227	0.0	31.8	95.4#



#95
Naphthalene
Concen: 5.564 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072802.D
Acq: 13 Jun 2022 13:04

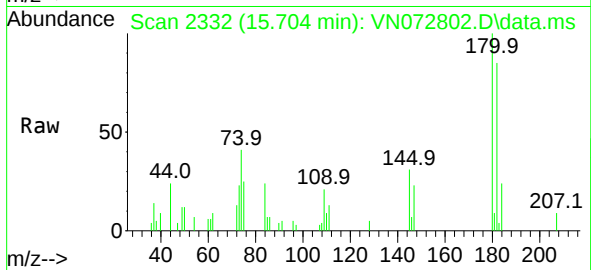
Tgt Ion:	128	Resp:	49658
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	11.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.263 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072802.D
 Acq: 13 Jun 2022 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	10038
Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.8	143.3
145	40.8	15.5	46.5

