

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074741.D
 Acq On : 05 Oct 2022 14:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 05 14:37:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 14:32:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	327292	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	611195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	608091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	284200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	407046	52.489	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.980%	
35) Dibromofluoromethane	8.177	113	329435	52.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	10.571	98	1357656	51.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.853	95	353978	43.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	2311	0.344	ug/l	80
3) Chloromethane	2.371	50	2913	0.292	ug/l #	65
5) Bromomethane	2.959	94	5733	0.658	ug/l #	30
7) Trichlorofluoromethane	3.518	101	2196	0.224	ug/l	86
11) Tert butyl alcohol	5.536	59	17043	6.631	ug/l #	89
12) 1,1-Dichloroethene	4.371	96	2250	0.353	ug/l #	12
13) Acrolein	4.189	56	624	Below Cal	#	1
15) Acrylonitrile	5.742	53	4125	0.728	ug/l #	17
16) Acetone	4.483	43	4493	1.022	ug/l #	29
17) Carbon Disulfide	4.718	76	7250	0.418	ug/l #	93
18) Methyl Acetate	5.083	43	8787	0.540	ug/l	93
20) Methylene Chloride	5.294	84	3488	0.429	ug/l #	58
21) trans-1,2-Dichloroethene	5.806	96	2646	0.376	ug/l	98
23) Vinyl Acetate	6.624	43	7004	0.308	ug/l #	68
25) 2-Butanone	7.500	43	14727	1.846	ug/l #	70
26) 2,2-Dichloropropane	7.453	77	2729	0.231	ug/l	92
29) Tetrahydrofuran	7.859	42	2596	0.467	ug/l #	87
31) Cyclohexane	8.235	56	11313	0.844	ug/l #	1
36) 1,1-Dichloropropene	8.383	75	3924	0.392	ug/l #	87
38) Carbon Tetrachloride	8.241	117	34418	3.651	ug/l #	17
39) Methylcyclohexane	9.612	83	2759	0.213	ug/l #	64
44) Trichloroethene	9.353	130	2023	0.300	ug/l	87
46) Dibromomethane	9.712	93	1516	0.295	ug/l #	68
49) 1,4-Dioxane	9.700	88	103	0.467	ug/l #	25
51) 4-Methyl-2-Pentanone	10.453	43	9643	0.604	ug/l #	74
52) Toluene	10.635	92	4376	0.225	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	2863	0.212	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.165	63	5604	1.091	ug/l	89
59) 2-Hexanone	11.200	43	22006	1.824	ug/l	78
64) Tetrachloroethene	11.112	164	1957	0.396	ug/l #	86
65) Chlorobenzene	11.882	112	6358	0.341	ug/l #	59
67) Ethyl Benzene	11.965	91	9967	0.287	ug/l #	80
68) m/p-Xylenes	12.065	106	7779	0.597	ug/l	91
69) o-Xylene	12.406	106	2875	0.215	ug/l	79
70) Styrene	12.418	104	7804	0.370	ug/l	97
71) Bromoform	12.594	173	1128	0.217	ug/l #	91

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

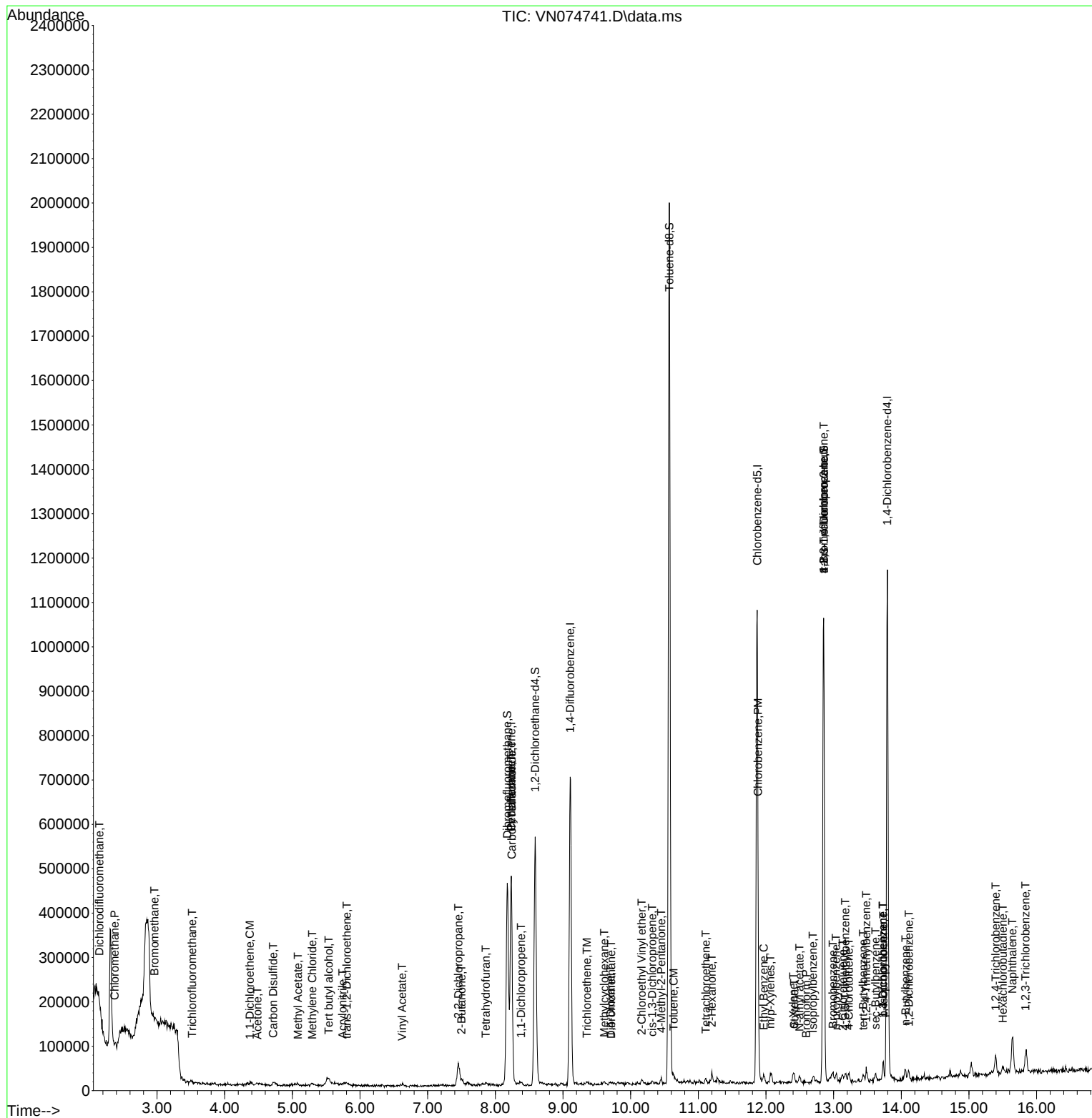
73) Isopropylbenzene	12.694	105	8164	0.299	ug/l	79
74) N-amyl acetate	12.494	43	9677	0.585	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.923	83	1237	Below Cal	#	5
76) 1,2,3-Trichloropropane	12.853	75	203829	23.084	ug/l #	1
77) Bromobenzene	12.988	156	2819	0.499	ug/l	61
78) n-propylbenzene	13.035	91	14582	0.463	ug/l	94
79) 2-Chlorotoluene	13.135	91	9385	0.491	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	8491	0.389	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	203829	46.817	ug/l #	11
82) 4-Chlorotoluene	13.223	91	11883	0.671	ug/l	88
83) tert-Butylbenzene	13.435	119	6180	0.328	ug/l	78
84) 1,2,4-Trimethylbenzene	13.482	105	10062	0.456	ug/l	90
85) sec-Butylbenzene	13.617	105	11187	0.408	ug/l	98
86) p-Isopropyltoluene	13.735	119	9018	0.427	ug/l	91
87) 1,3-Dichlorobenzene	13.729	146	9783	0.902	ug/l	97
88) 1,4-Dichlorobenzene	13.729	146	9783	0.955	ug/l	96
89) n-Butylbenzene	14.064	91	16346	0.877	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	8295	0.794	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	3533	Below Cal	#	60
93) 1,2,4-Trichlorobenzene	15.394	180	14626	3.201	ug/l	93
94) Hexachlorobutadiene	15.500	225	1933	0.904	ug/l #	72
95) Naphthalene	15.641	128	85699	4.339	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	16671	2.847	ug/l	94

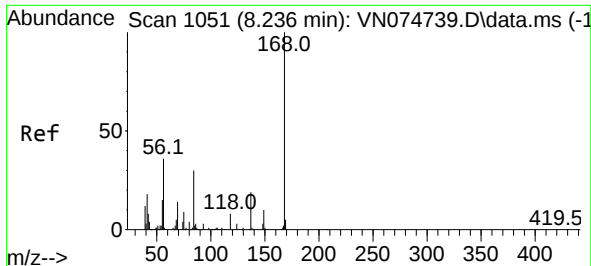
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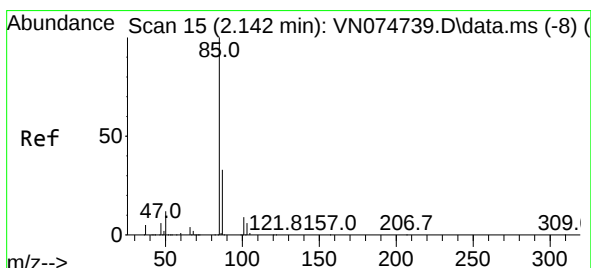
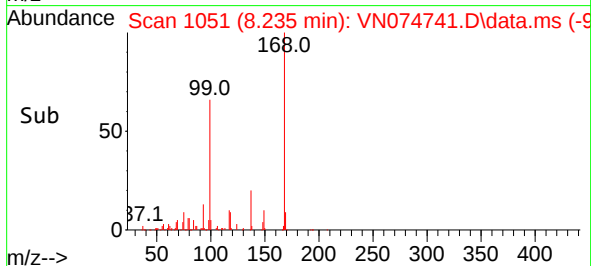
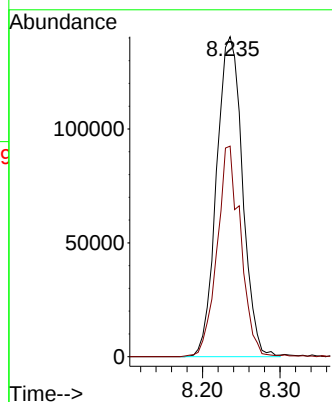
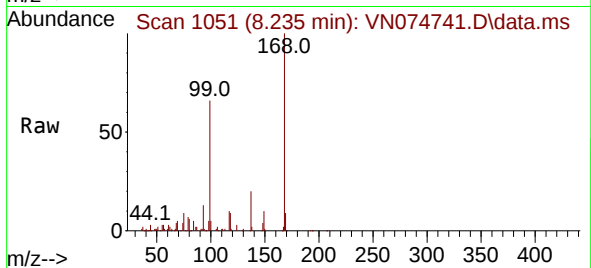




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
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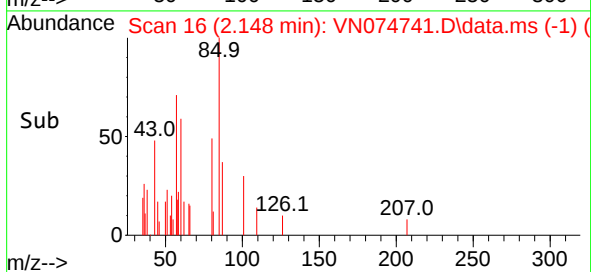
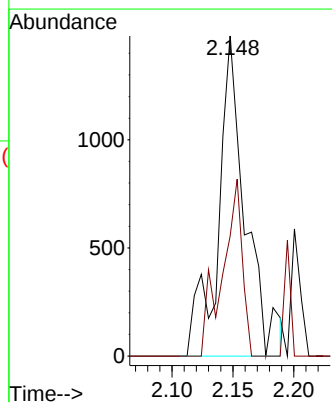
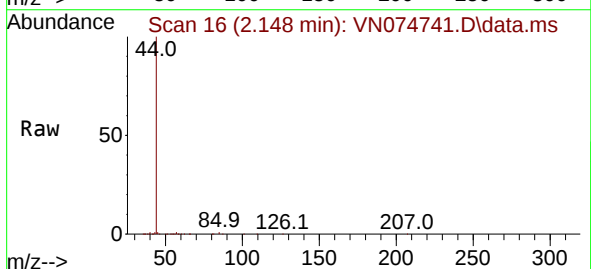
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MSVOA_N
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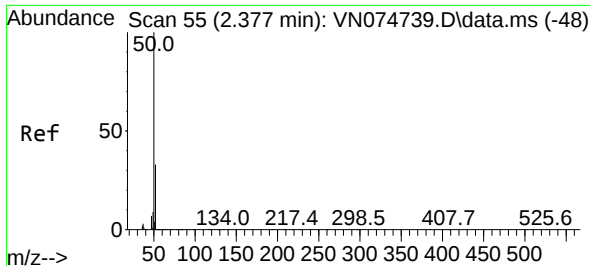
Tgt Ion:168 Resp: 327292
Ion Ratio Lower Upper
168 100
99 65.8 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 0.344 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 85 Resp: 2311
Ion Ratio Lower Upper
85 100
87 42.5 15.7 47.1

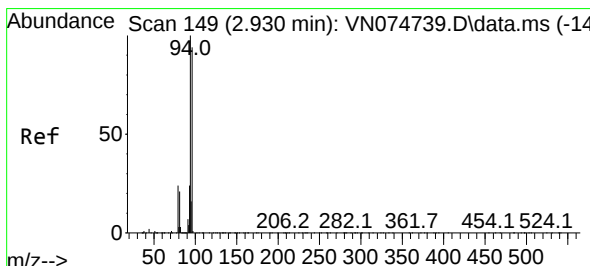
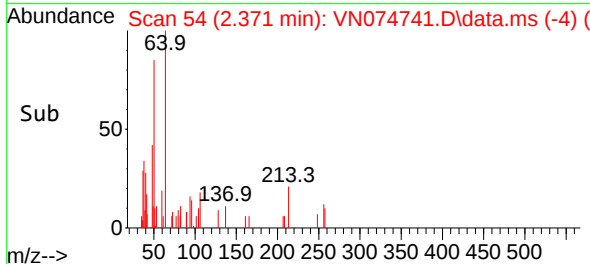
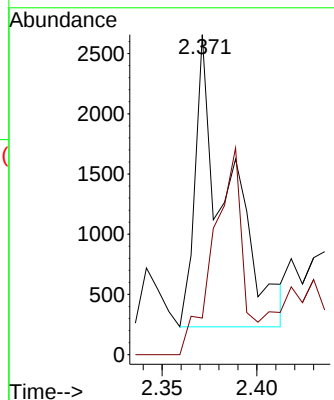
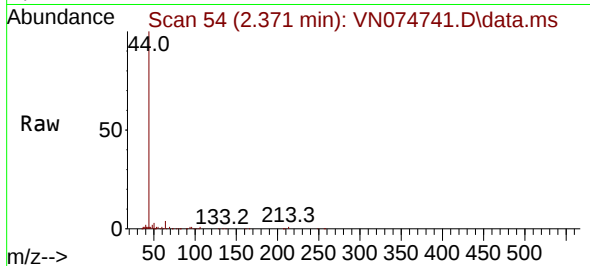




#3
Chloromethane
Concen: 0.292 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

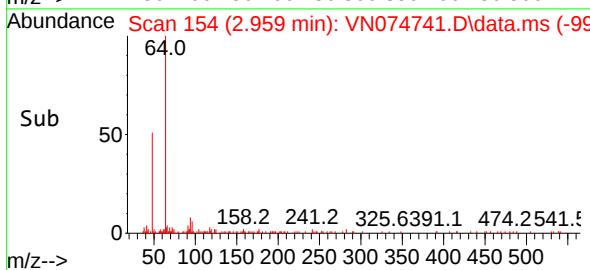
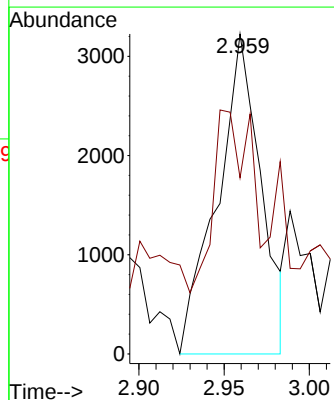
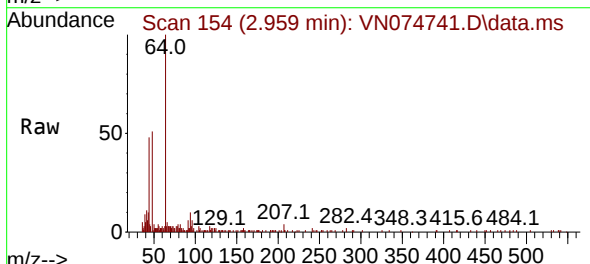
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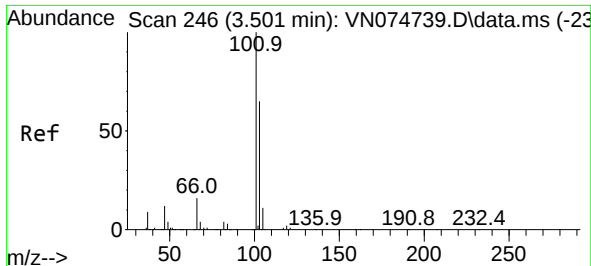
Tgt Ion: 50 Resp: 2913
Ion Ratio Lower Upper
50 100
52 12.5 25.7 38.5#



#5
Bromomethane
Concen: 0.658 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.023 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 94 Resp: 5733
Ion Ratio Lower Upper
94 100
96 27.3 76.0 114.0#

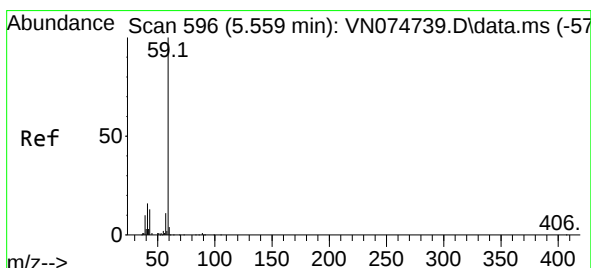
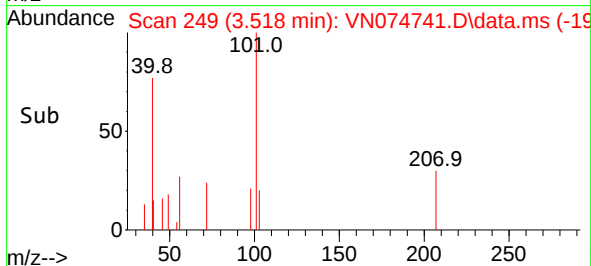
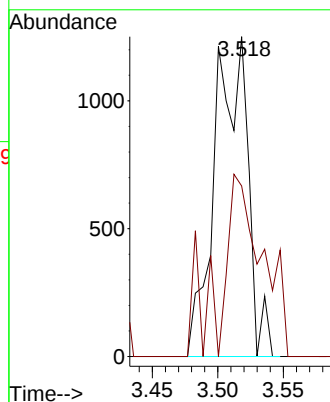
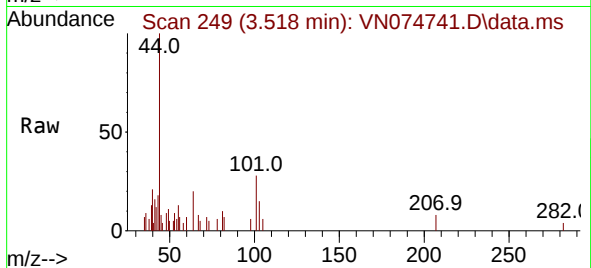




#7
Trichlorofluoromethane
Concen: 0.224 ug/l
RT: 3.518 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

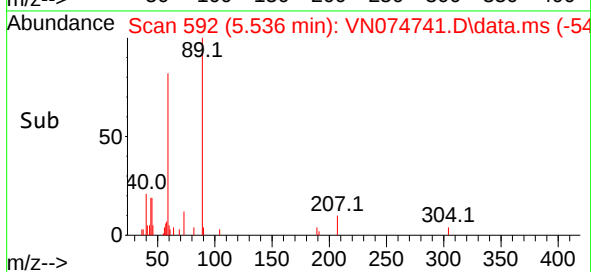
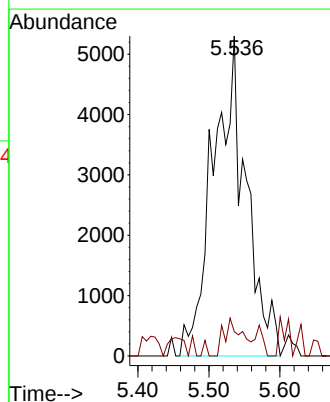
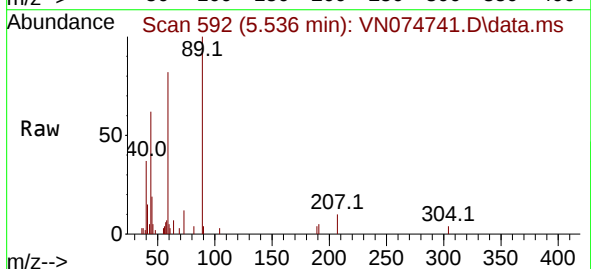
Instrument :
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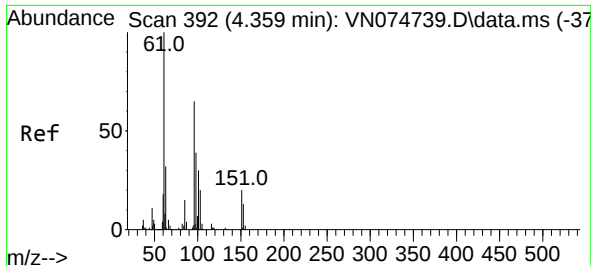
Tgt Ion:101 Resp: 2196
Ion Ratio Lower Upper
101 100
103 53.3 51.5 77.3



#11
Tert butyl alcohol
Concen: 6.631 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.018 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 59 Resp: 17043
Ion Ratio Lower Upper
59 100
57 6.3 8.3 12.5#

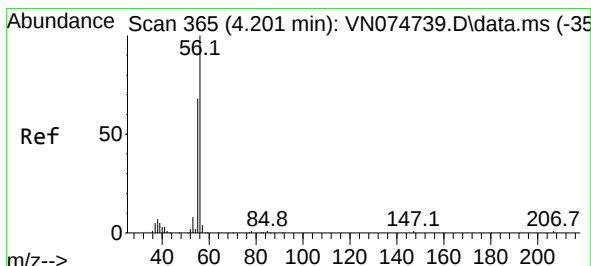
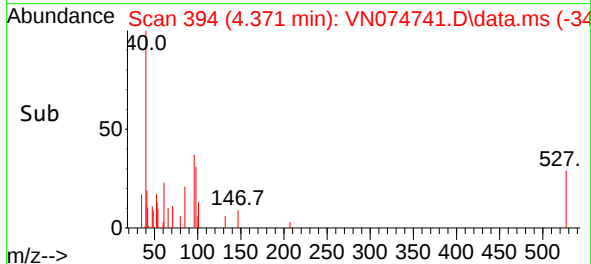
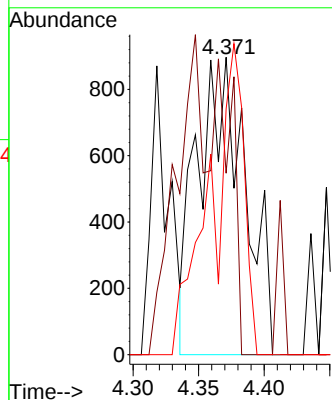
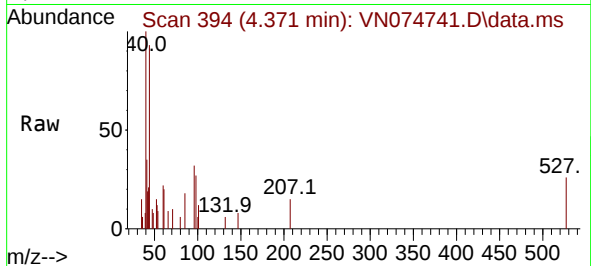




#12
1,1-Dichloroethene
Concen: 0.353 ug/l
RT: 4.371 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

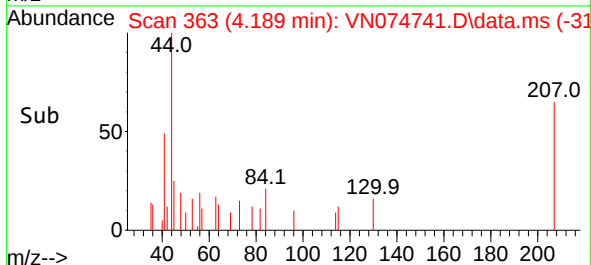
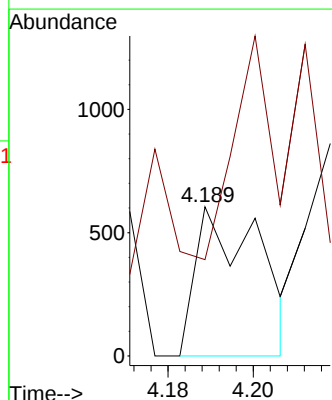
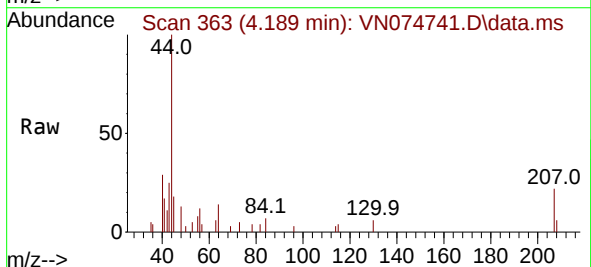
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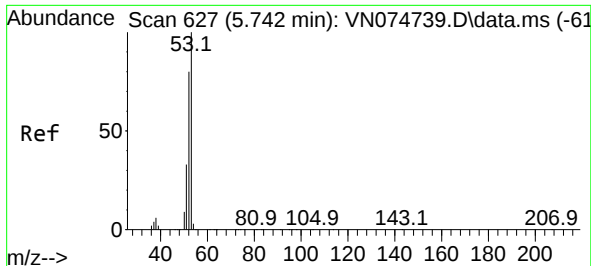
Tgt Ion: 96 Resp: 2250
Ion Ratio Lower Upper
96 100
61 9.1 127.6 191.4#
98 82.6 51.2 76.8#



#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 363
Delta R.T. -0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 56 Resp: 624
Ion Ratio Lower Upper
56 100
55 228.8 54.8 82.2#

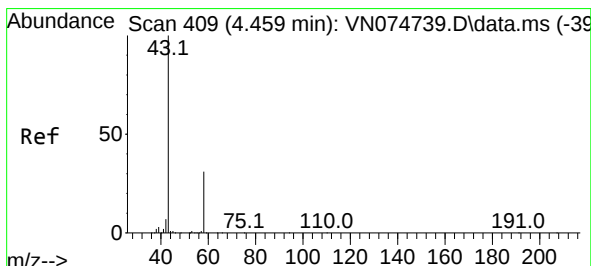
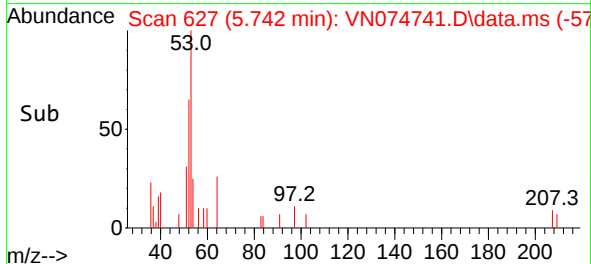
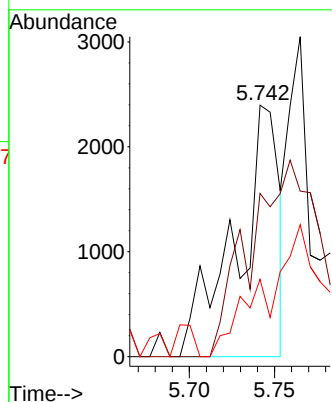
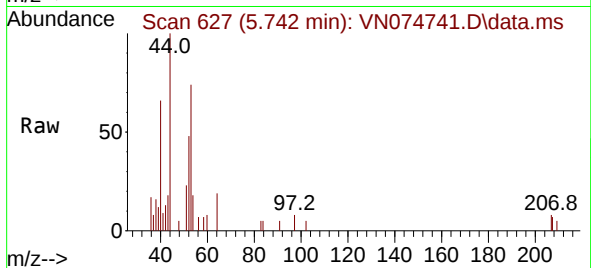




#15
Acrylonitrile
Concen: 0.728 ug/l
RT: 5.742 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

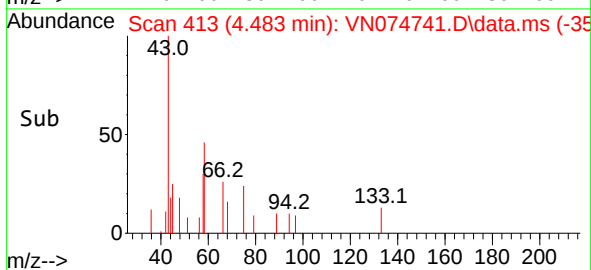
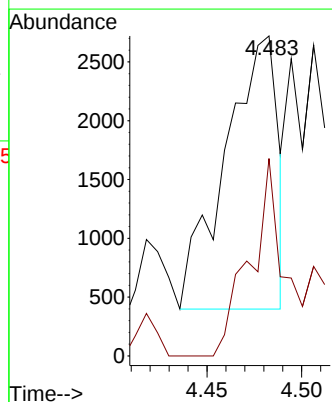
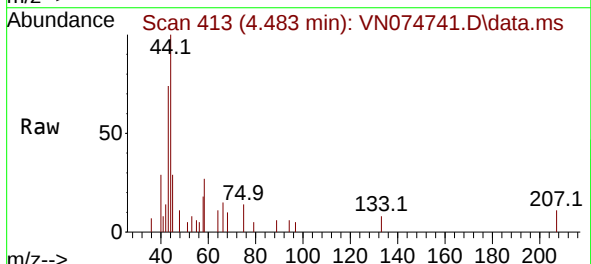
Instrument :
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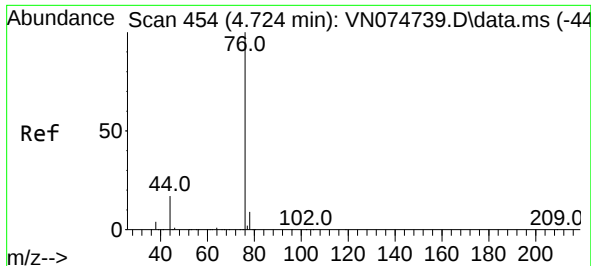
Tgt Ion: 53 Resp: 4125
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 1.022 ug/l
RT: 4.483 min Scan# 413
Delta R.T. 0.029 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 43 Resp: 4493
Ion Ratio Lower Upper
43 100
58 72.3 26.0 39.0#

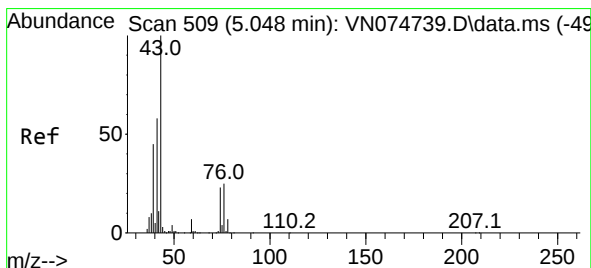
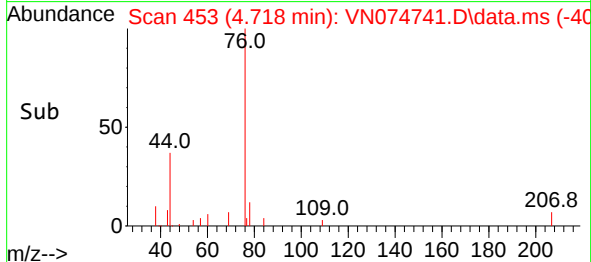
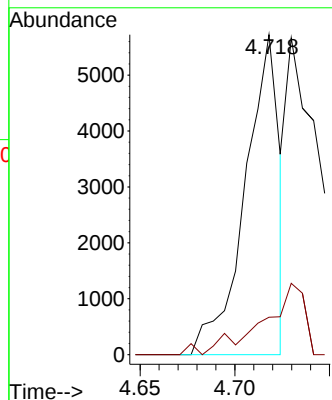
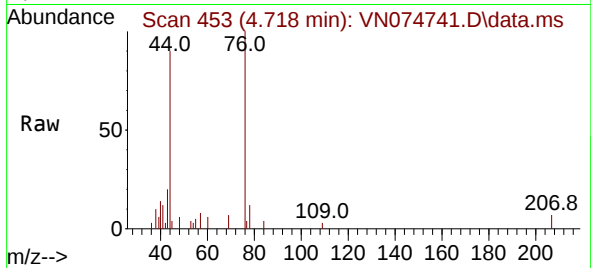




#17
Carbon Disulfide
Concen: 0.418 ug/l
RT: 4.718 min Scan# 418
Delta R.T. -0.012 min
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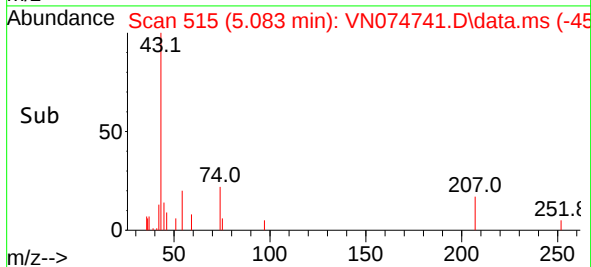
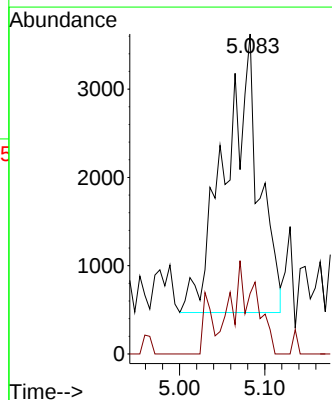
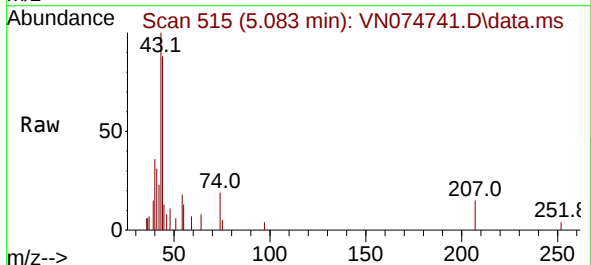
Instrument :
MSVOA_N
ClientSampleId :
IBLK

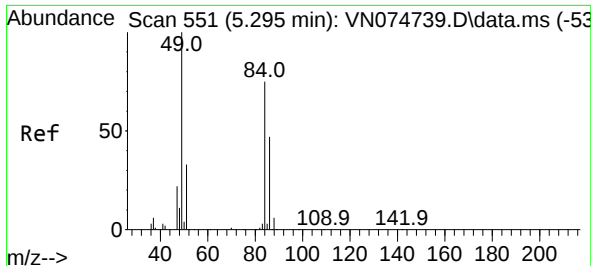
Tgt Ion: 76 Resp: 7250
Ion Ratio Lower Upper
76 100
78 11.7 7.2 10.8#



#18
Methyl Acetate
Concen: 0.540 ug/l
RT: 5.083 min Scan# 515
Delta R.T. 0.029 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 43 Resp: 8787
Ion Ratio Lower Upper
43 100
74 23.5 21.6 32.4

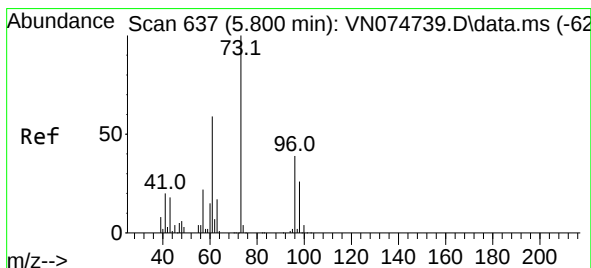
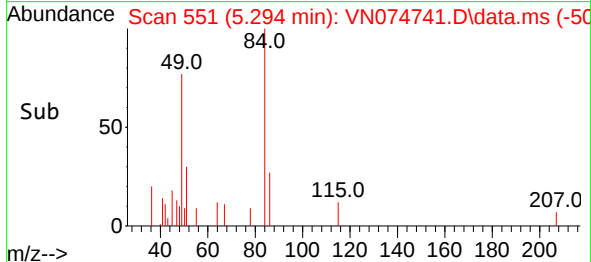
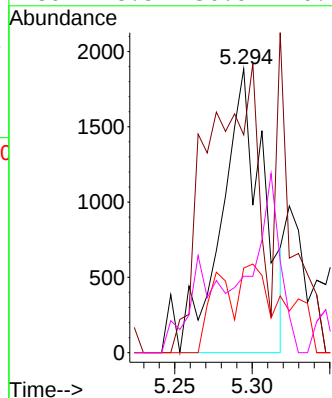
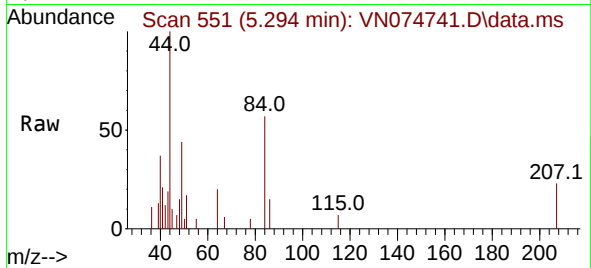




#20
Methylene Chloride
Concen: 0.429 ug/l
RT: 5.294 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

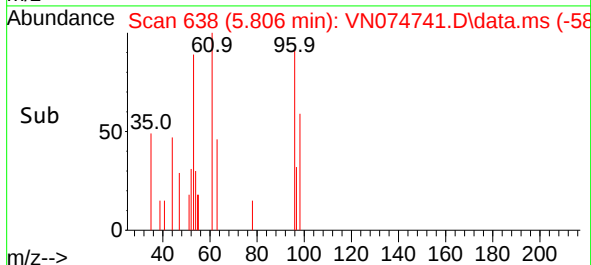
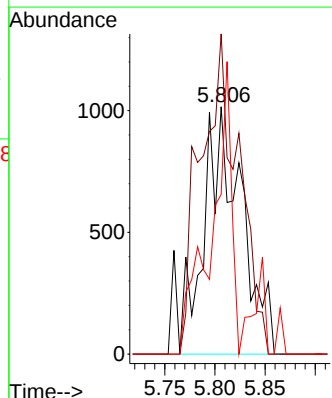
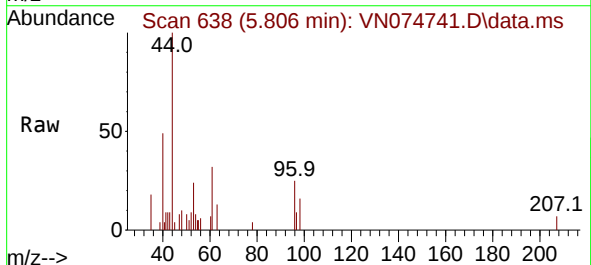
Instrument :
MSVOA_N
ClientSampleId :
IBLK

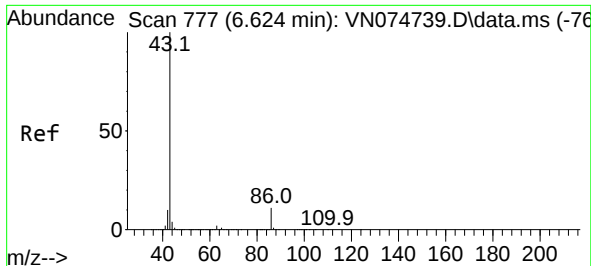
Tgt Ion:	84	Resp:	3488
Ion	Ratio	Lower	Upper
84	100		
49	65.0	88.3	132.5#
51	29.8	28.2	42.2
86	18.8	50.6	76.0#



#21
trans-1,2-Dichloroethene
Concen: 0.376 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion:	96	Resp:	2646
Ion	Ratio	Lower	Upper
96	100		
61	129.4	105.8	158.8
98	64.6	50.3	75.5

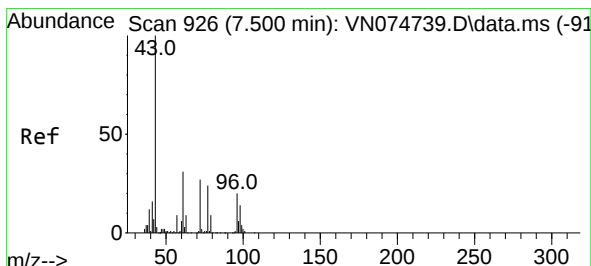
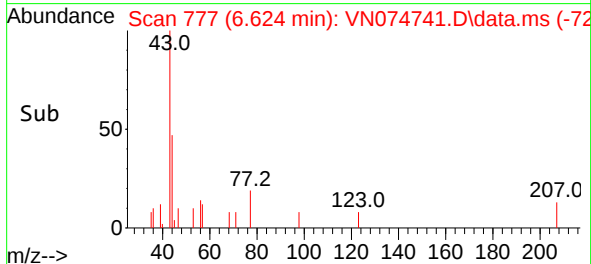
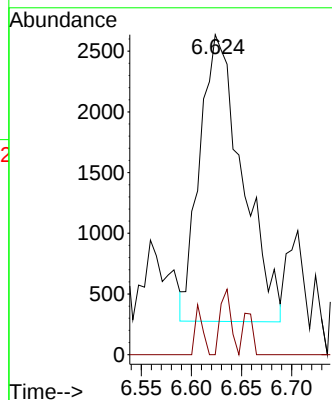
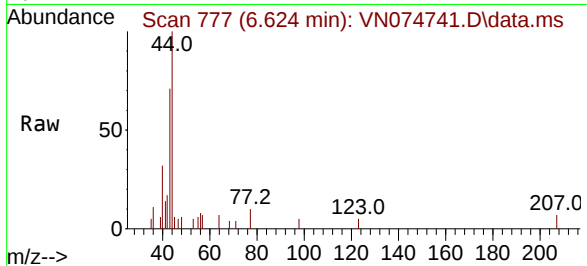




#23
 Vinyl Acetate
 Concen: 0.308 ug/l
 RT: 6.624 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

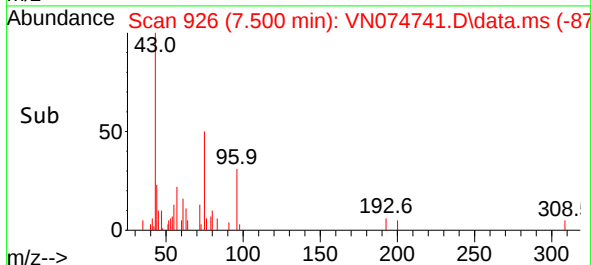
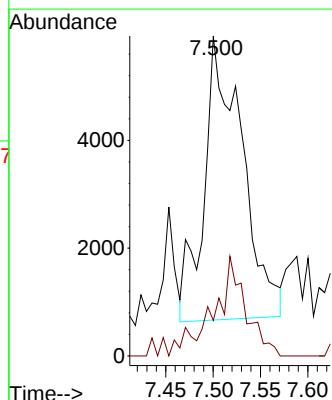
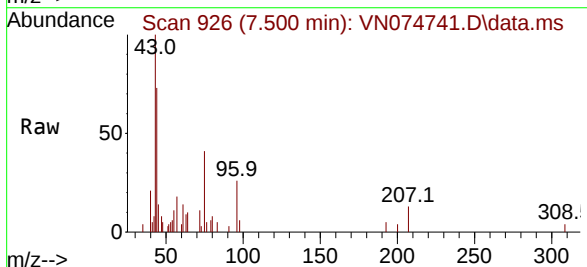
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

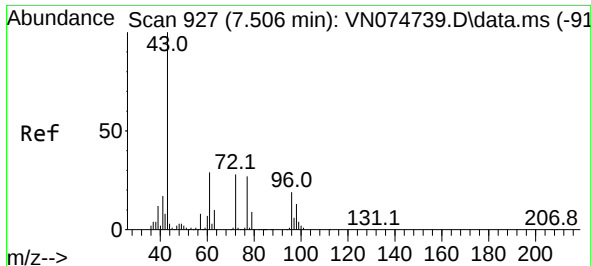
Tgt Ion: 43 Resp: 7004
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 1.846 ug/l
 RT: 7.500 min Scan# 926
 Delta R.T. 0.006 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

Tgt Ion: 43 Resp: 14727
 Ion Ratio Lower Upper
 43 100
 72 13.4 23.7 35.5#

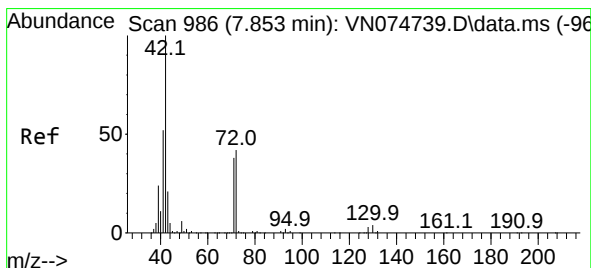
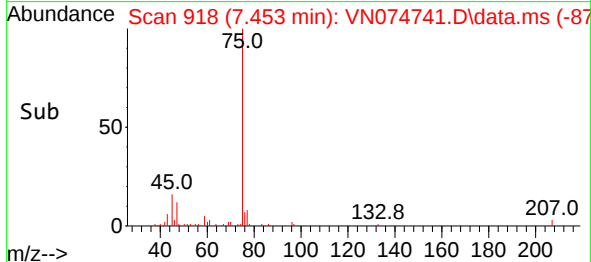
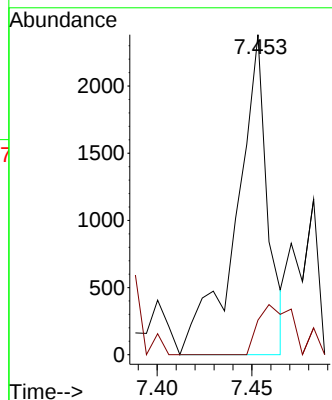
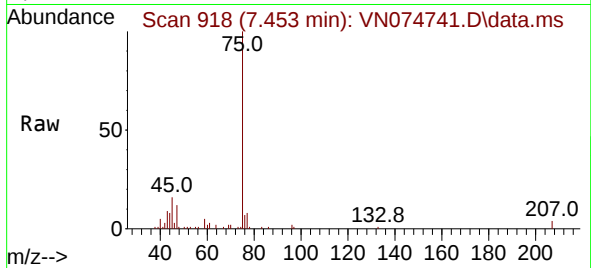




#26
2,2-Dichloropropane
Concen: 0.231 ug/l
RT: 7.453 min Scan# 918
Delta R.T. -0.047 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

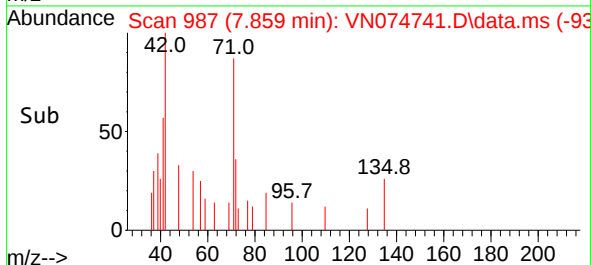
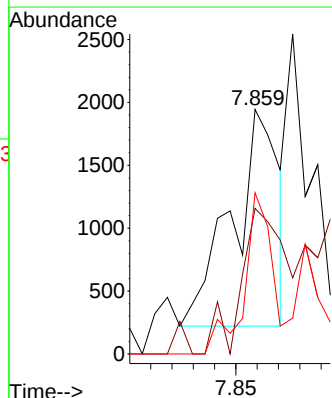
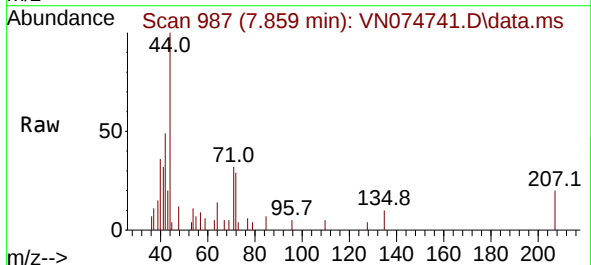
Instrument :
MSVOA_N
ClientSampleId :
IBLK

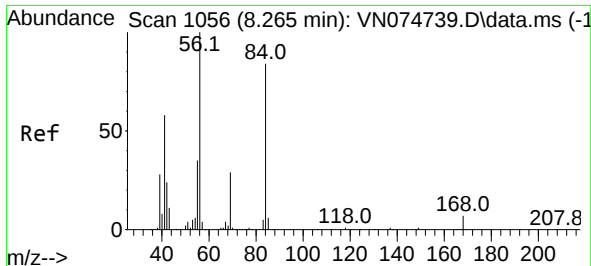
Tgt Ion: 77 Resp: 2729
Ion Ratio Lower Upper
77 100
97 19.1 11.4 34.2



#29
Tetrahydrofuran
Concen: 0.467 ug/l
RT: 7.859 min Scan# 987
Delta R.T. 0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 42 Resp: 2596
Ion Ratio Lower Upper
42 100
72 64.8 39.7 59.5#
71 47.8 36.6 55.0

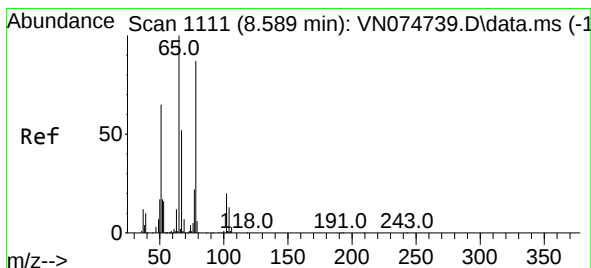
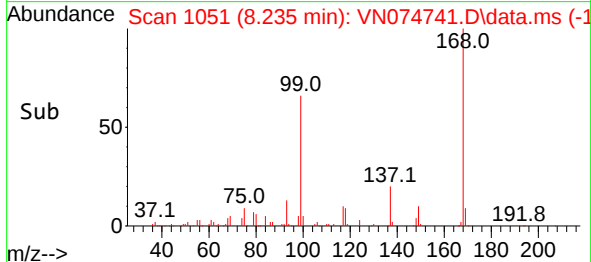
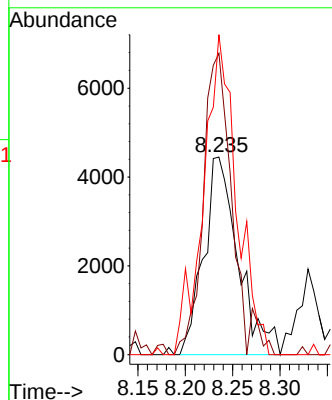
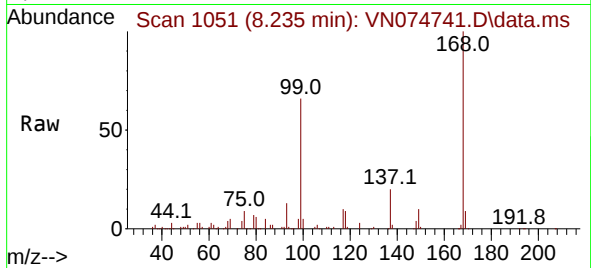




#31
Cyclohexane
Concen: 0.844 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. -0.030 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

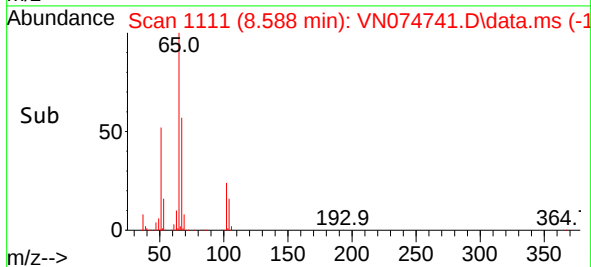
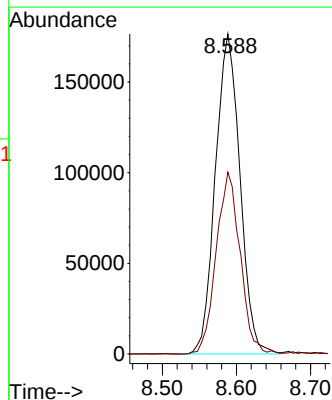
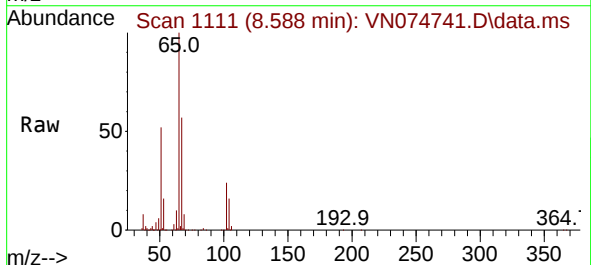
Instrument :
MSVOA_N
ClientSampleId :
IBLK

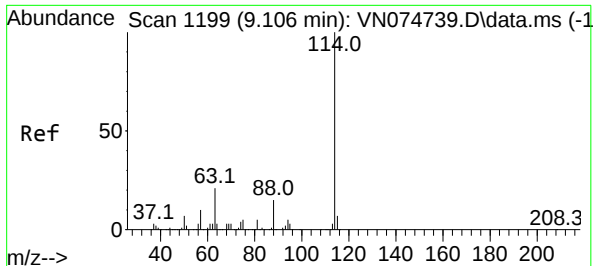
Tgt Ion: 56 Resp: 11313
Ion Ratio Lower Upper
56 100
69 152.4 27.8 41.8#
84 161.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 52.489 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 65 Resp: 407046
Ion Ratio Lower Upper
65 100
67 55.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

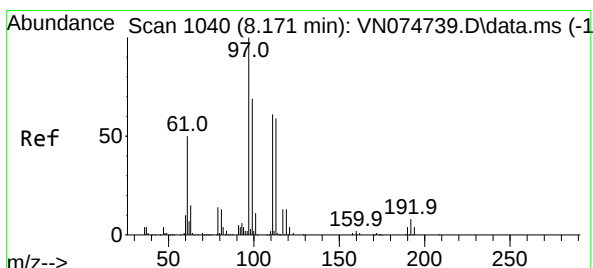
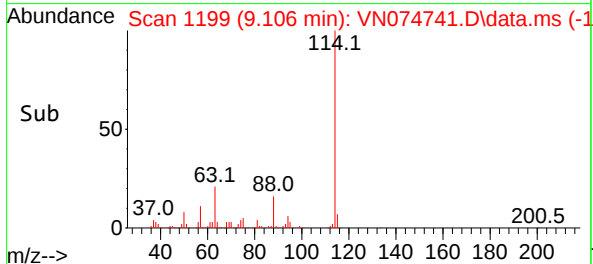
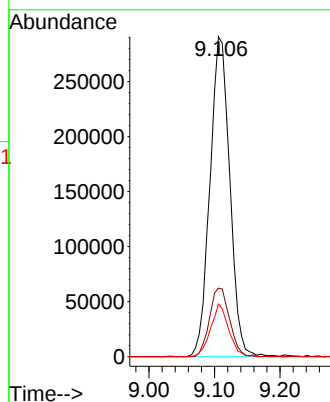
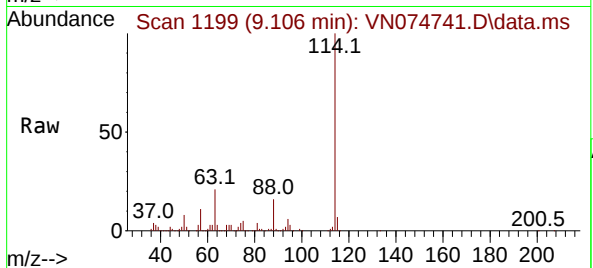
Tgt Ion:114 Resp: 611195

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.675 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

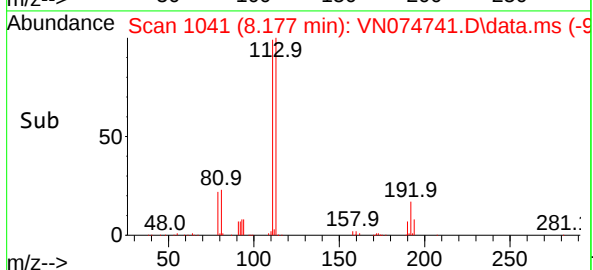
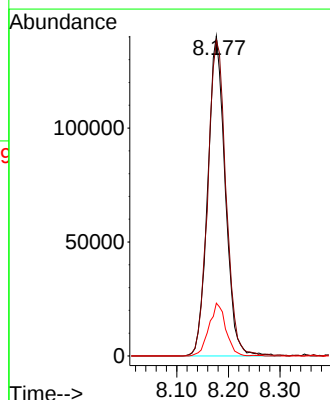
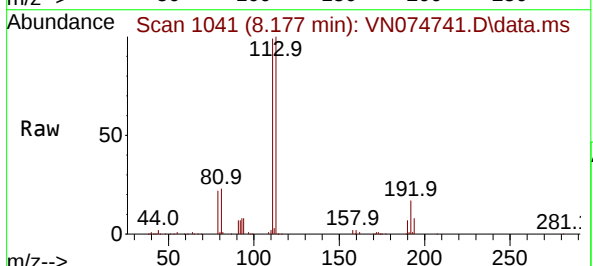
Tgt Ion:113 Resp: 329435

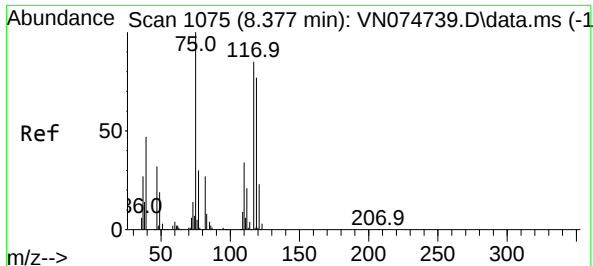
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 15.9 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 0.392 ug/l

RT: 8.383 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

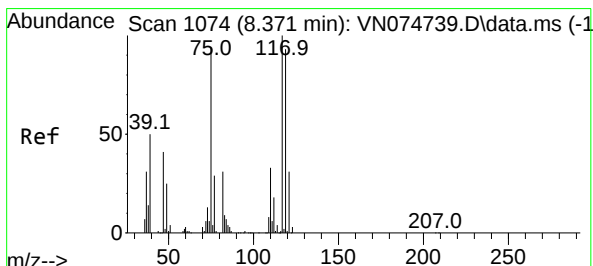
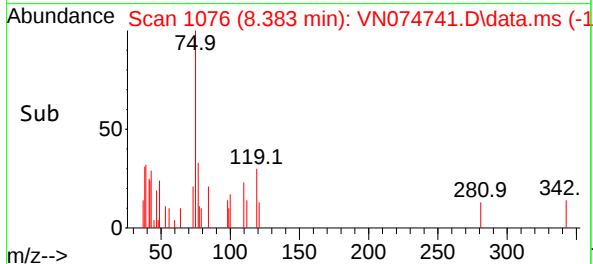
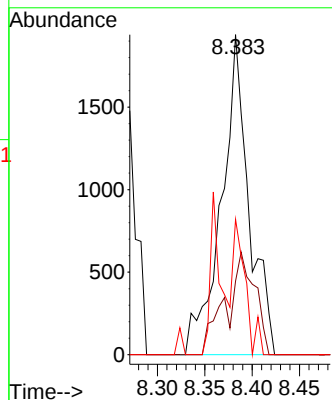
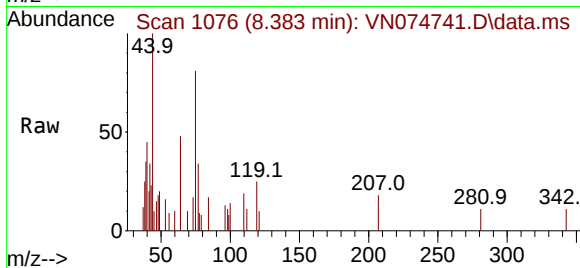
Tgt Ion: 75 Resp: 3924

Ion Ratio Lower Upper

75 100

110 33.5 18.3 54.8

77 18.7 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 3.651 ug/l

RT: 8.241 min Scan# 1052

Delta R.T. -0.130 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

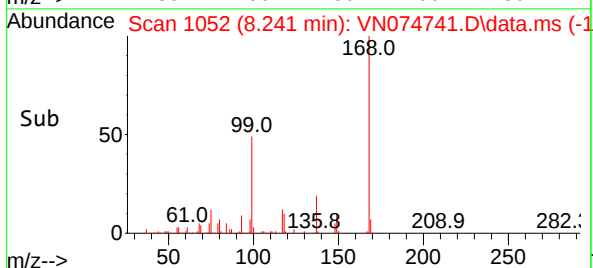
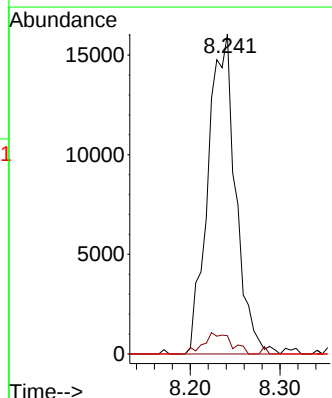
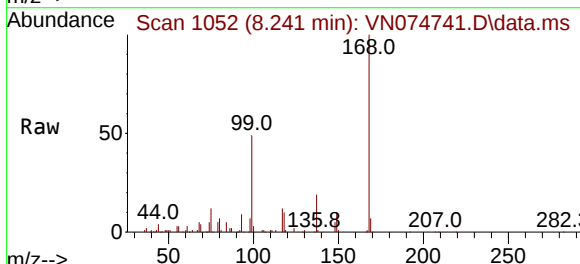
Tgt Ion: 117 Resp: 34418

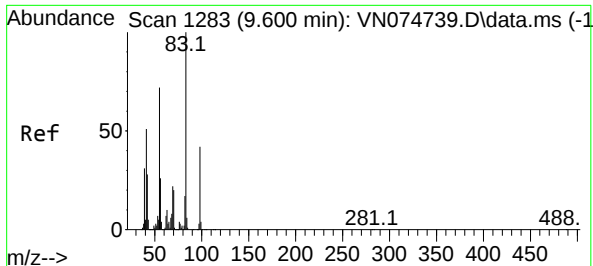
Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.8#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.213 ug/l

RT: 9.612 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

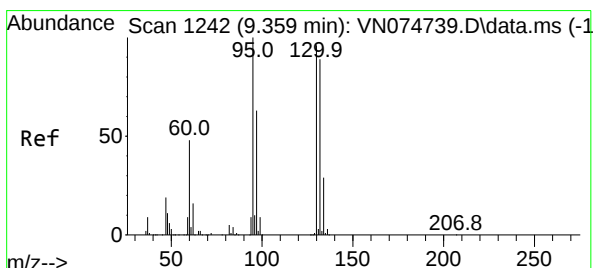
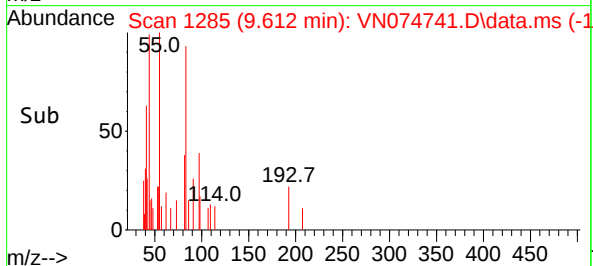
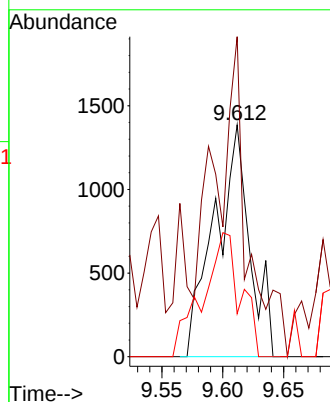
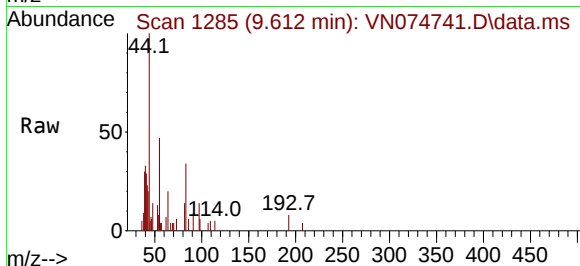
Tgt Ion: 83 Resp: 2759

Ion Ratio Lower Upper

83 100

55 96.8 57.8 86.8#

98 18.6 39.4 59.2#



#44

Trichloroethene

Concen: 0.300 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VN074741.D

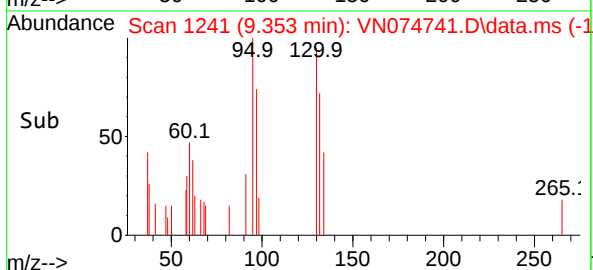
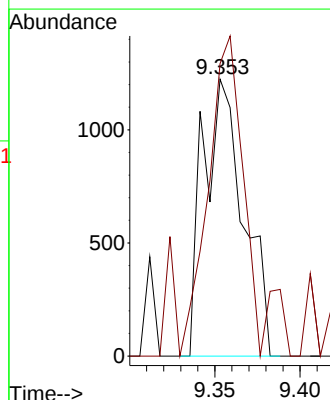
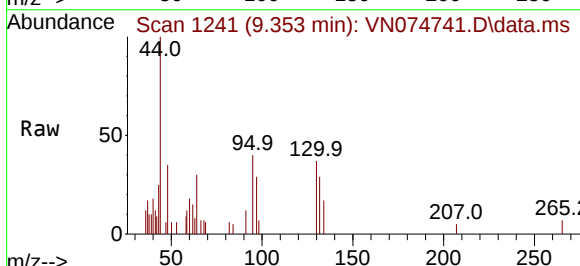
Acq: 05 Oct 2022 14:11

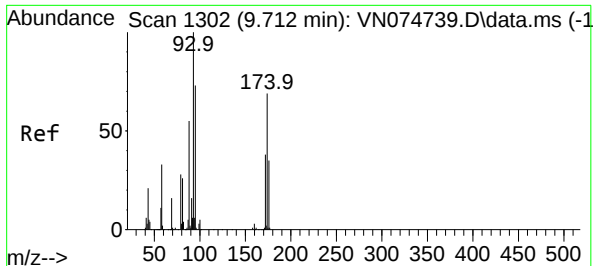
Tgt Ion:130 Resp: 2023

Ion Ratio Lower Upper

130 100

95 105.6 0.0 186.8

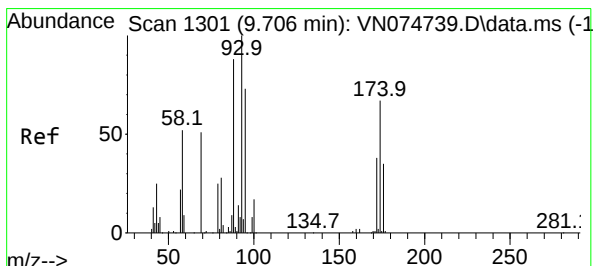
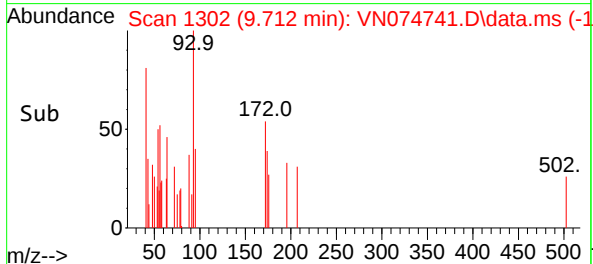
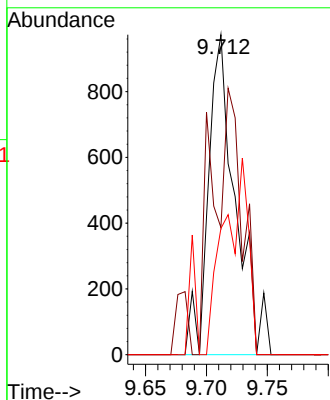
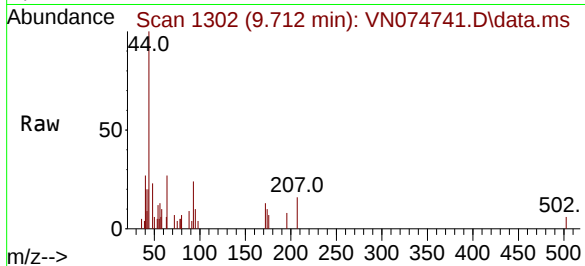




#46
Dibromomethane
Concen: 0.295 ug/l
RT: 9.712 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

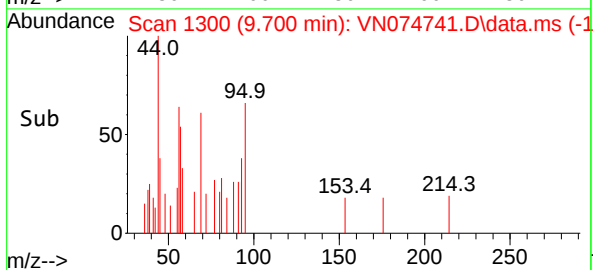
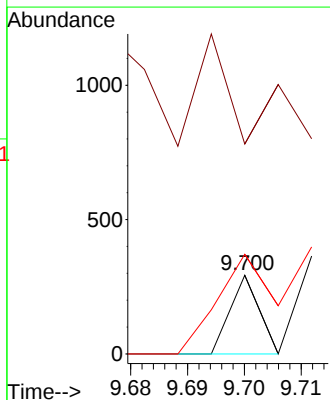
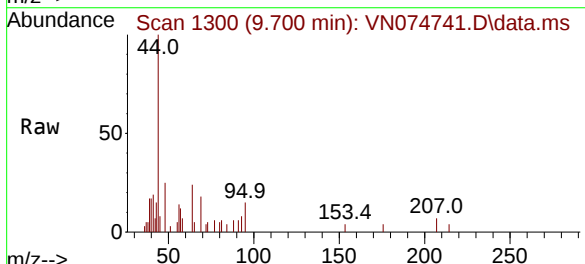
Instrument :
MSVOA_N
ClientSampleId :
IBLK

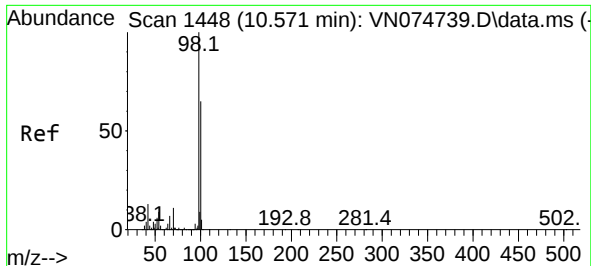
Tgt Ion: 93 Resp: 1516
Ion Ratio Lower Upper
93 100
95 89.6 66.9 100.3
174 54.0 86.6 130.0#



#49
1,4-Dioxane
Concen: 0.467 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 88 Resp: 103
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#

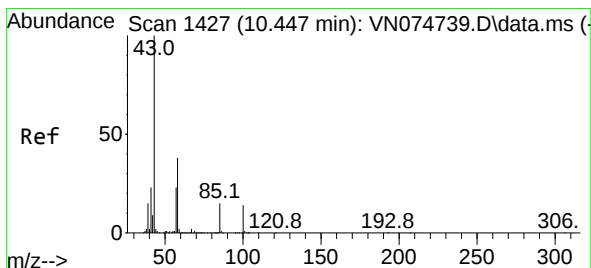
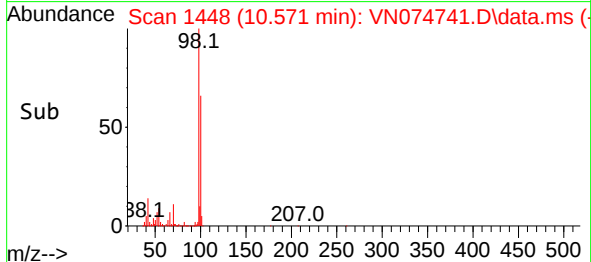
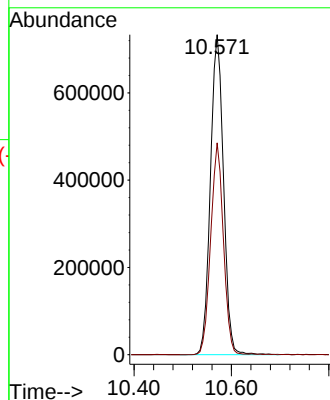
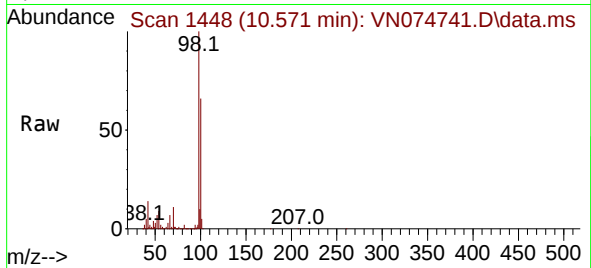




#50
Toluene-d8
Concen: 51.237 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

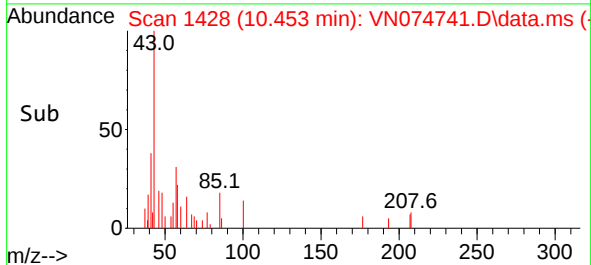
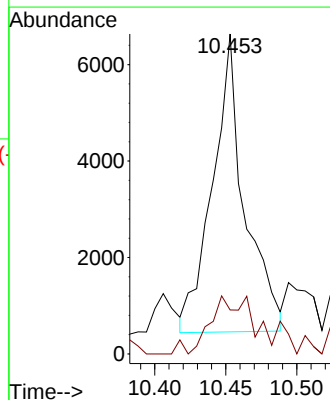
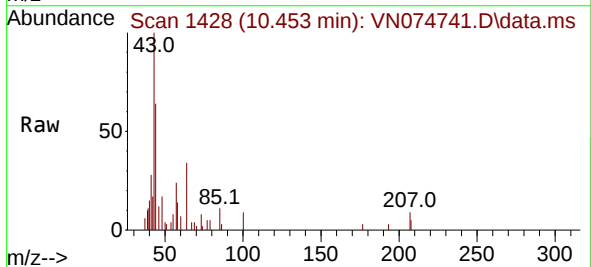
Instrument :
MSVOA_N
ClientSampleId :
IBLK

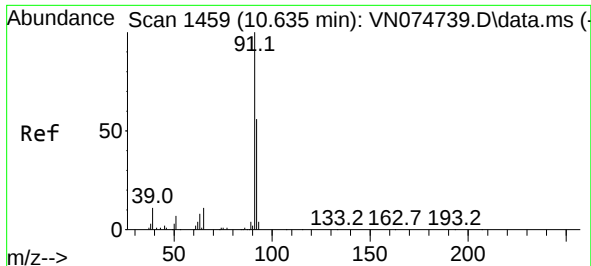
Tgt Ion: 98 Resp: 1357656
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 43 Resp: 9643
Ion Ratio Lower Upper
43 100
58 26.1 34.1 51.1#

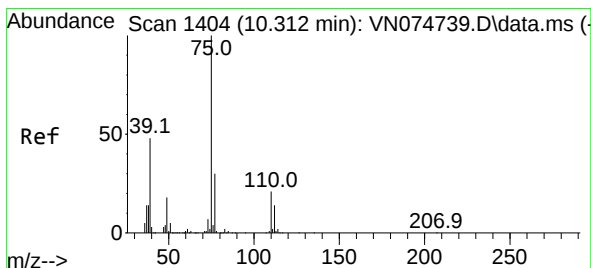
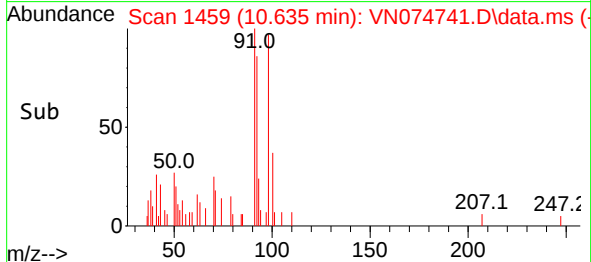
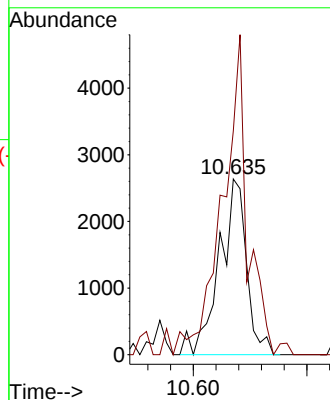
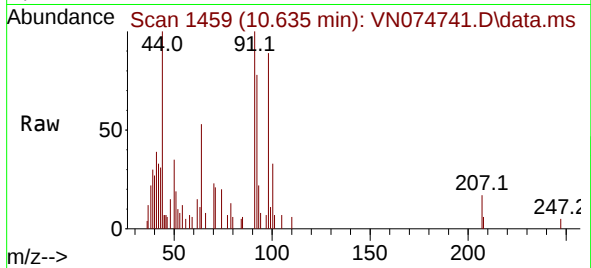




#52
Toluene
Concen: 0.225 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

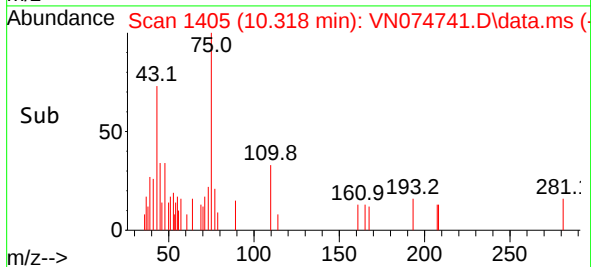
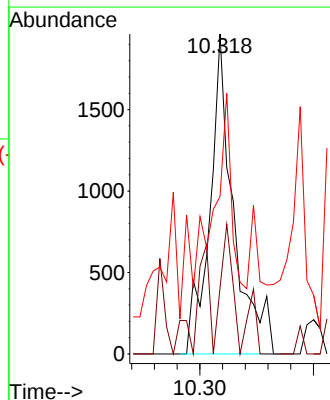
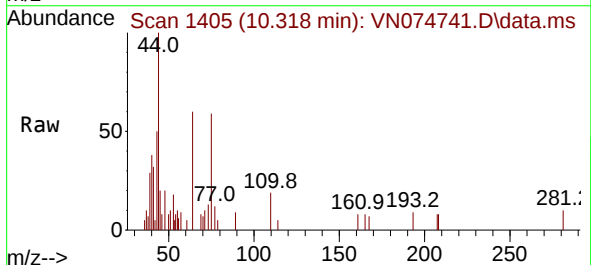
Instrument :
MSVOA_N
ClientSampleId :
IBLK

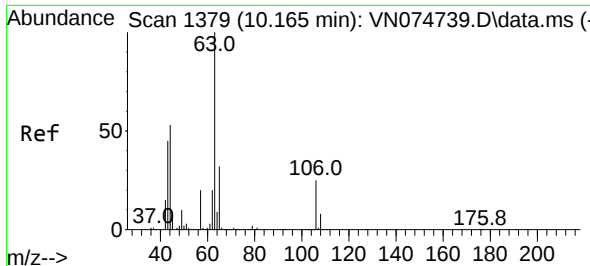
Tgt Ion: 92 Resp: 4376
Ion Ratio Lower Upper
92 100
91 168.9 138.6 207.8



#54
cis-1,3-Dichloropropene
Concen: 0.212 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 75 Resp: 2863
Ion Ratio Lower Upper
75 100
77 20.7 25.2 37.8#
39 38.2 35.7 53.5

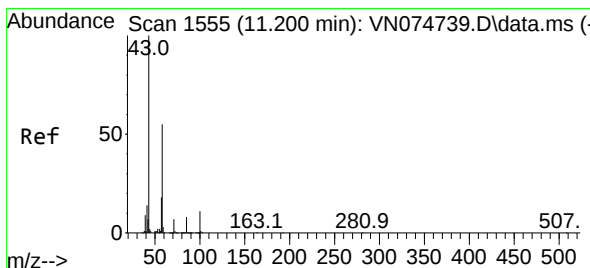
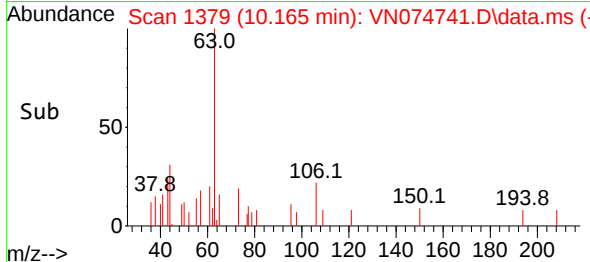
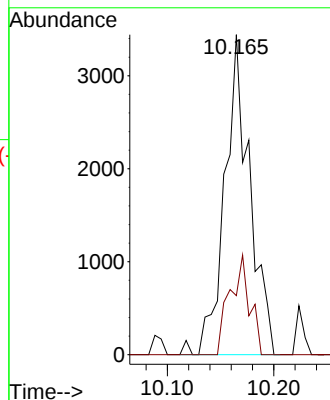
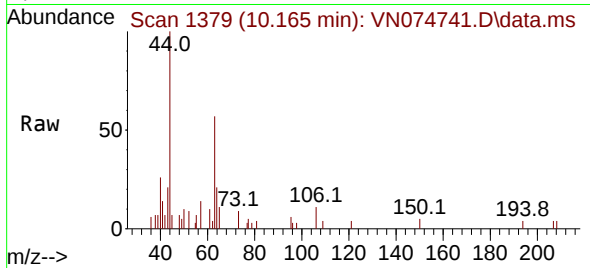




#58
2-Chloroethyl Vinyl ether
Concen: 1.091 ug/l
RT: 10.165 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

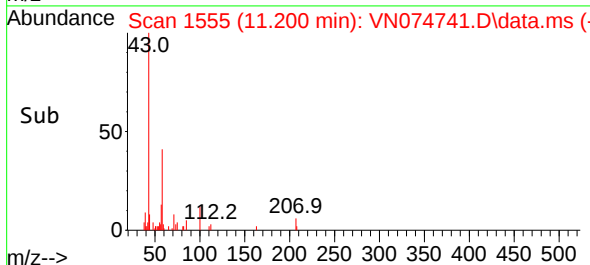
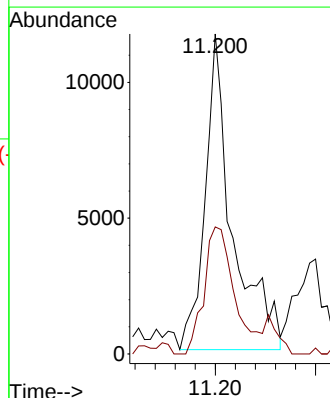
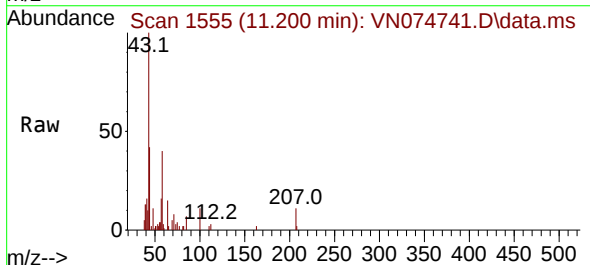
Instrument :
MSVOA_N
ClientSampleId :
IBLK

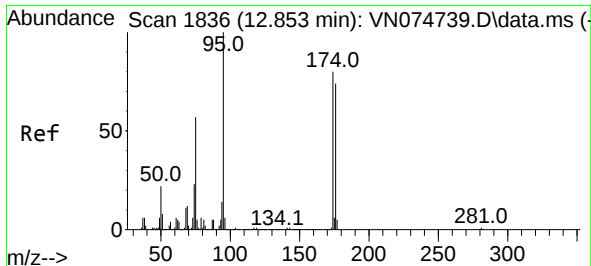
Tgt Ion: 63 Resp: 5604
Ion Ratio Lower Upper
63 100
106 24.8 24.6 36.8



#59
2-Hexanone
Concen: 1.824 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 43 Resp: 22006
Ion Ratio Lower Upper
43 100
58 42.6 29.7 89.1

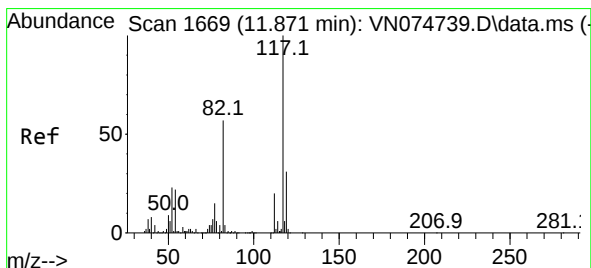
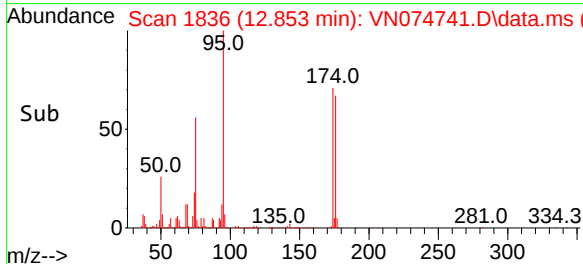
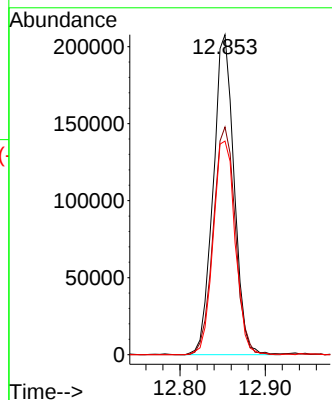
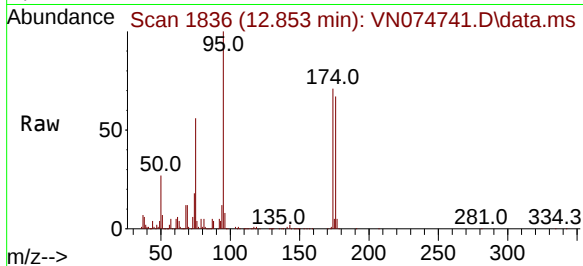




#62
4-Bromofluorobenzene
Concen: 43.946 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

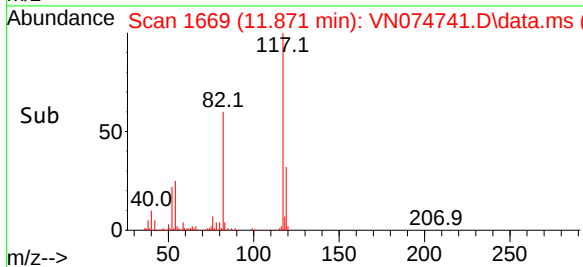
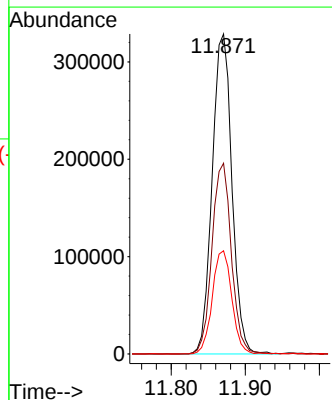
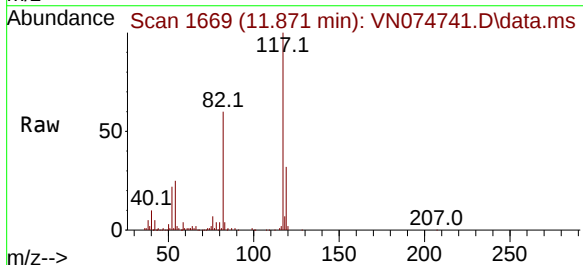
Instrument :
MSVOA_N
ClientSampleId :
IBLK

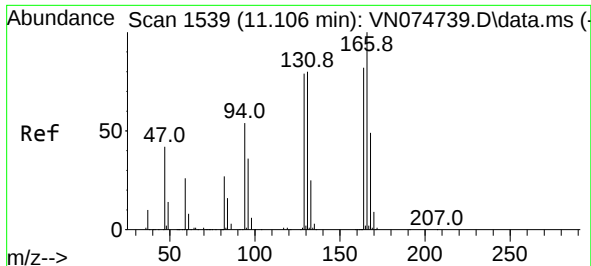
Tgt Ion: 95 Resp: 353978
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 70.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 117 Resp: 608091
Ion Ratio Lower Upper
117 100
82 59.6 44.2 66.2
119 32.3 25.4 38.0

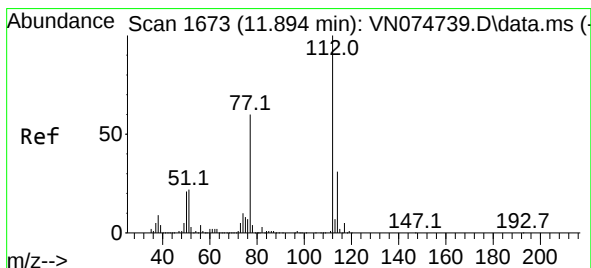
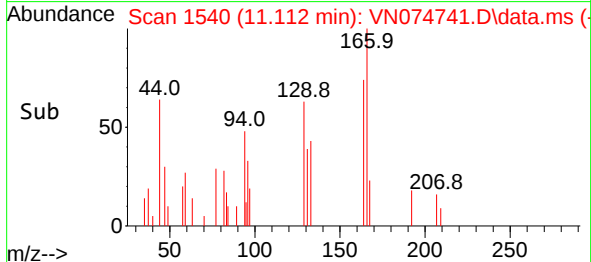
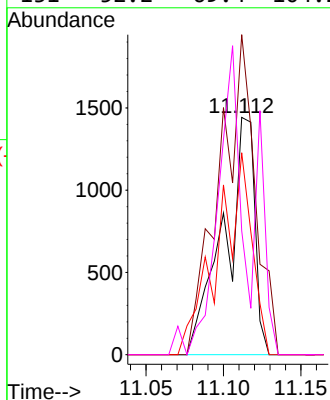
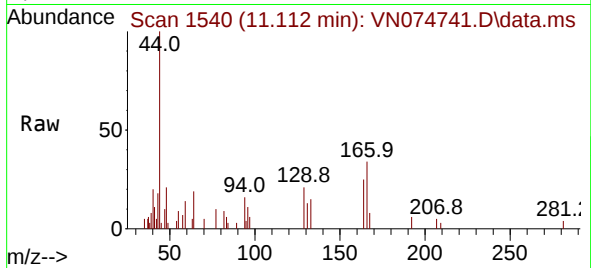




#64
Tetrachloroethene
Concen: 0.396 ug/l
RT: 11.112 min Scan# 1111
Delta R.T. 0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

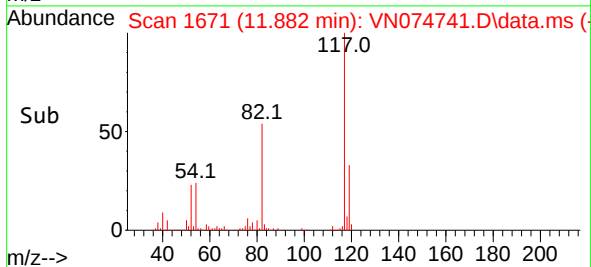
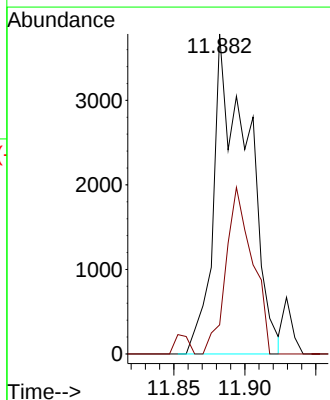
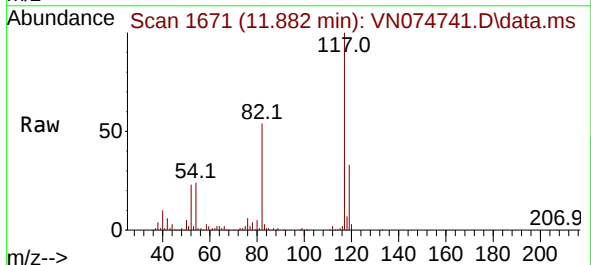
Instrument :
MSVOA_N
ClientSampleId :
IBLK

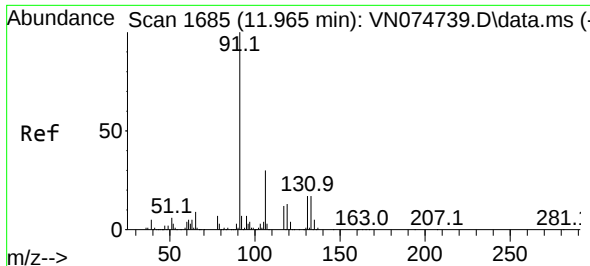
Tgt Ion:164 Resp: 1957
Ion Ratio Lower Upper
164 100
166 134.9 104.2 156.2
129 85.1 73.9 110.9
131 52.2 69.4 104.2#



#65
Chlorobenzene
Concen: 0.341 ug/l
RT: 11.882 min Scan# 1671
Delta R.T. -0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion:112 Resp: 6358
Ion Ratio Lower Upper
112 100
114 9.1 25.4 38.2#

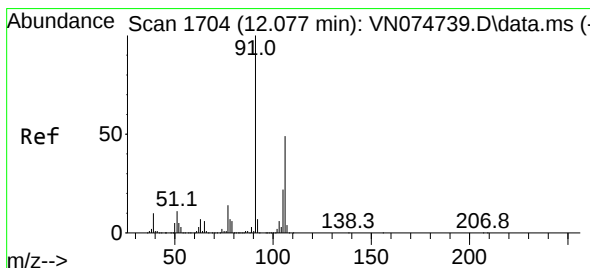
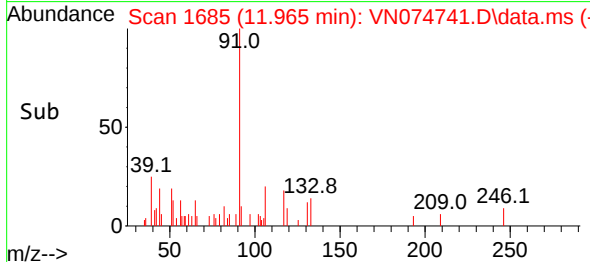
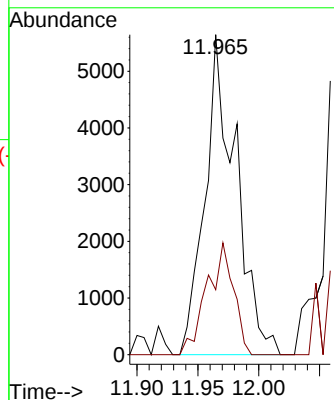
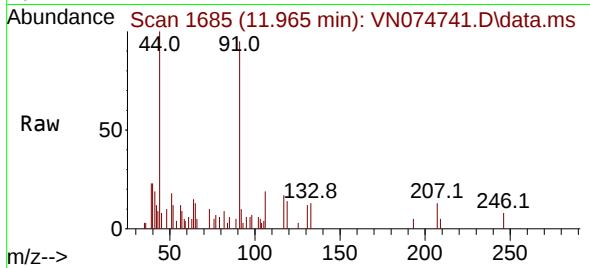




#67
Ethyl Benzene
Concen: 0.287 ug/l
RT: 11.965 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

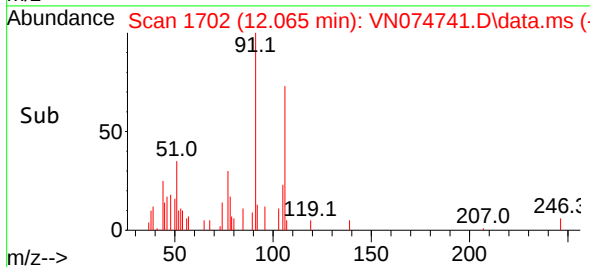
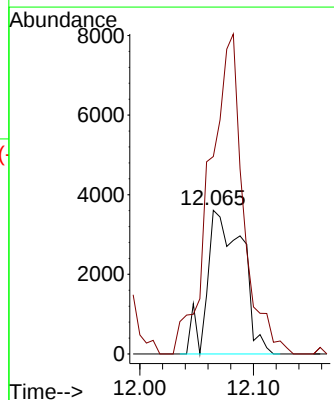
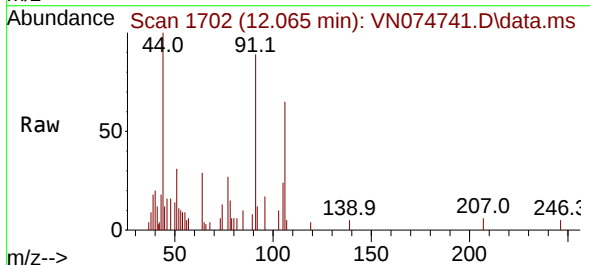
Instrument :
MSVOA_N
ClientSampleId :
IBLK

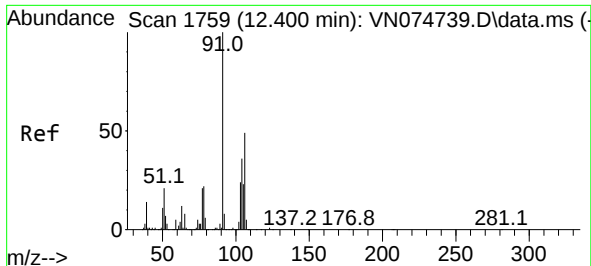
Tgt Ion: 91 Resp: 9967
Ion Ratio Lower Upper
91 100
106 20.3 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.597 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 106 Resp: 7779
Ion Ratio Lower Upper
106 100
91 212.2 158.9 238.3

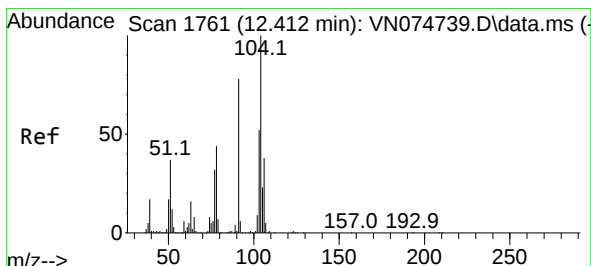
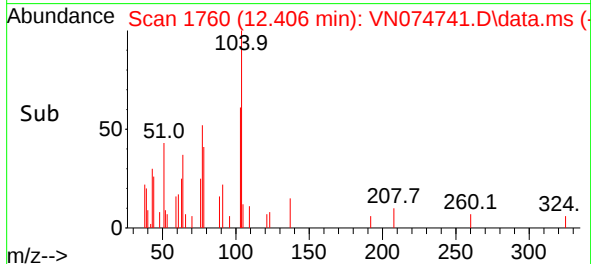
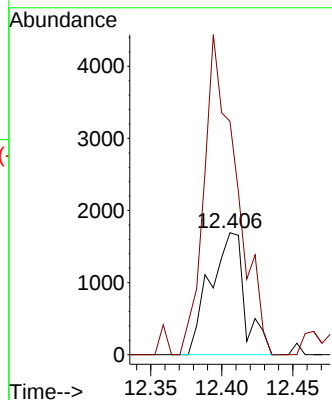
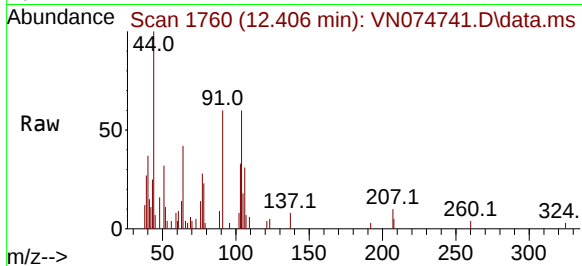




#69
o-Xylene
Concen: 0.215 ug/l
RT: 12.406 min Scan# 1759
Delta R.T. 0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

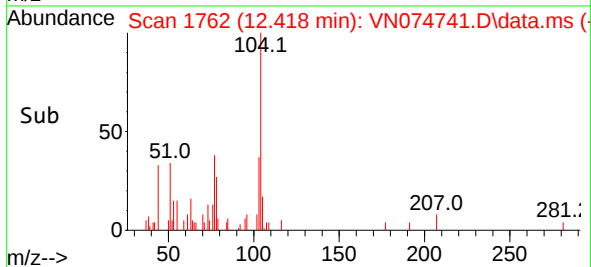
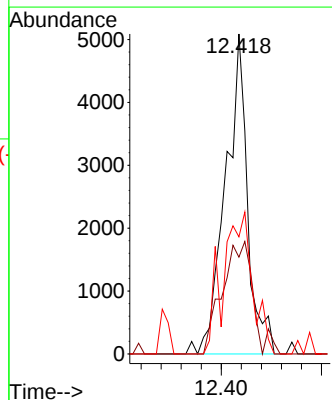
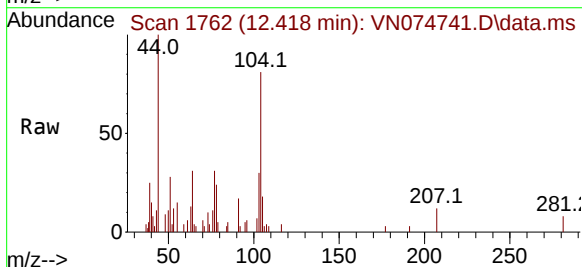
Instrument :
MSVOA_N
ClientSampleId :
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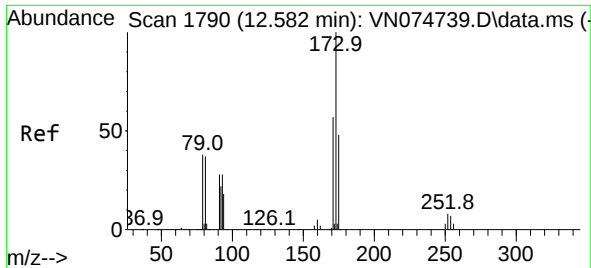
Tgt Ion:106 Resp: 2875
Ion Ratio Lower Upper
106 100
91 244.5 106.0 318.0



#70
Styrene
Concen: 0.370 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion:104 Resp: 7804
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 59.2 44.0 66.0

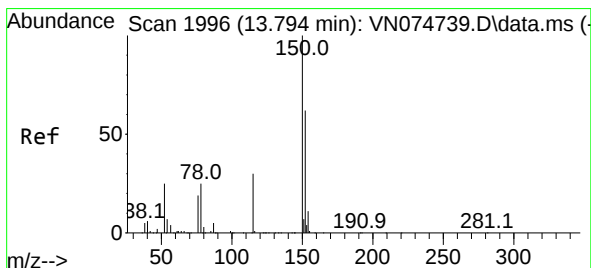
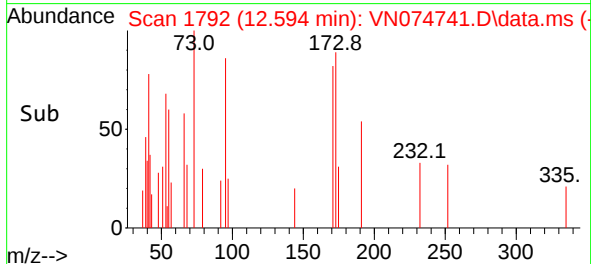
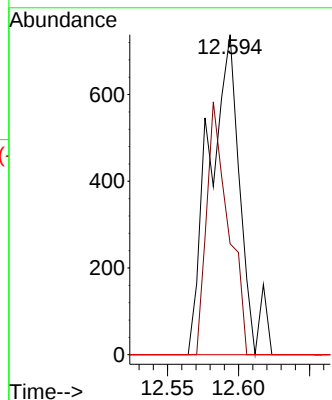
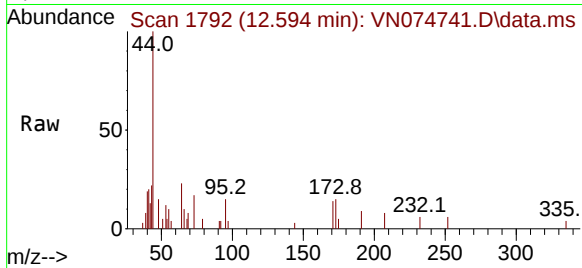




#71
Bromoform
Concen: 0.217 ug/l
RT: 12.594 min Scan# 1790
Delta R.T. 0.018 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

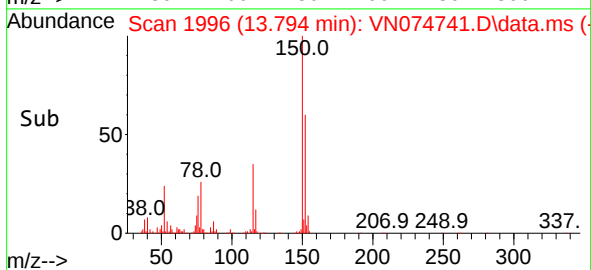
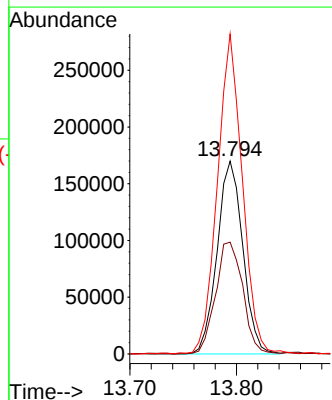
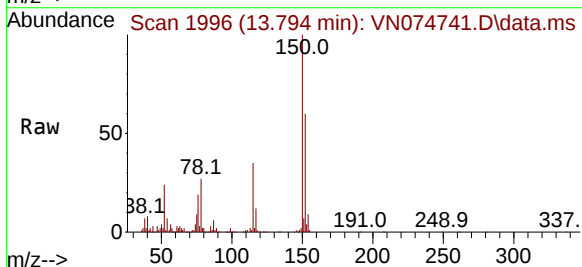
Instrument :
MSVOA_N
ClientSampleId :
IBLK

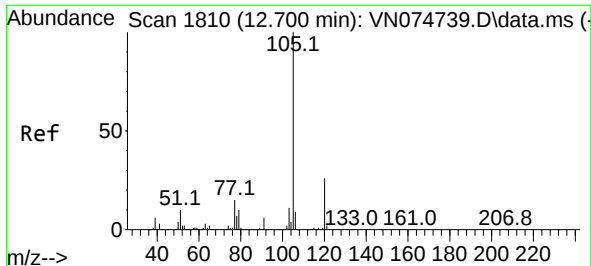
Tgt Ion:173 Resp: 1128
Ion Ratio Lower Upper
173 100
175 55.0 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion:152 Resp: 284200
Ion Ratio Lower Upper
152 100
115 61.6 28.9 86.7
150 160.8 0.0 356.2

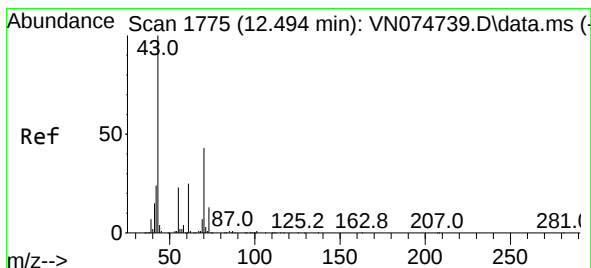
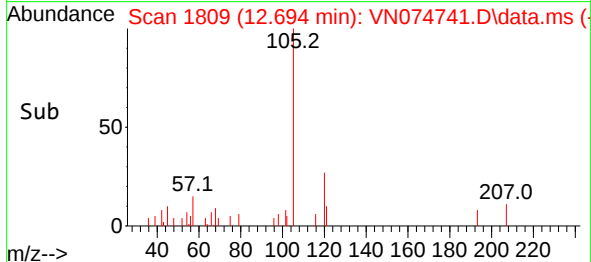
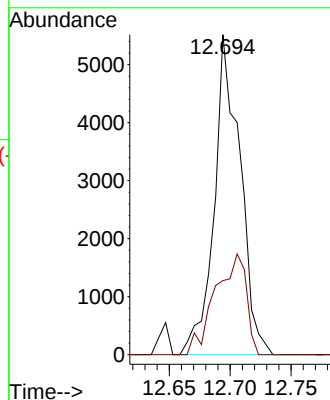
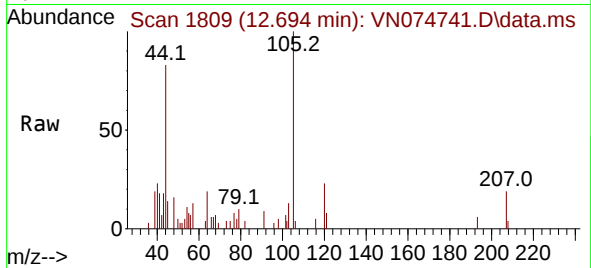




#73
Isopropylbenzene
Concen: 0.299 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

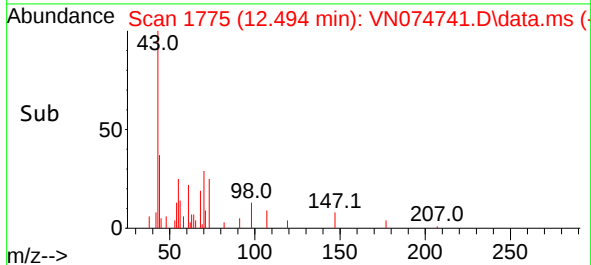
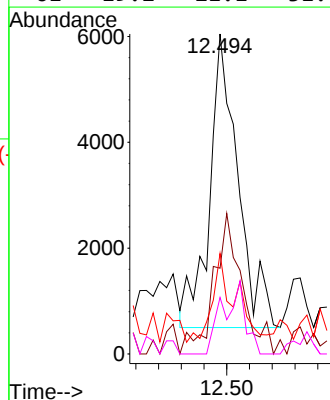
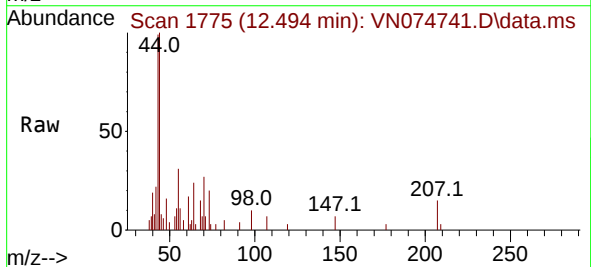
Instrument :
MSVOA_N
ClientSampleId :
IBLK

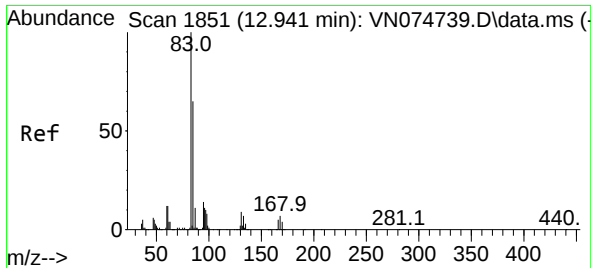
Tgt Ion:105 Resp: 8164
Ion Ratio Lower Upper
105 100
120 37.7 13.5 40.4



#74
N-ethyl acetate
Concen: 0.585 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 43 Resp: 9677
Ion Ratio Lower Upper
43 100
70 47.9 39.0 58.4
55 22.8 21.1 31.7
61 19.2 21.1 31.7#

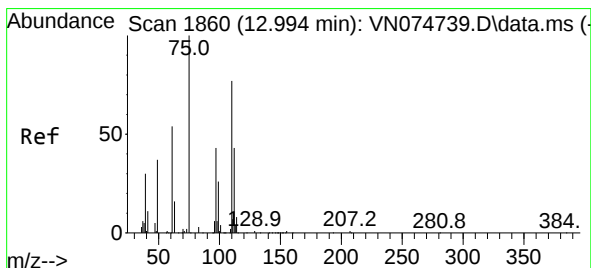
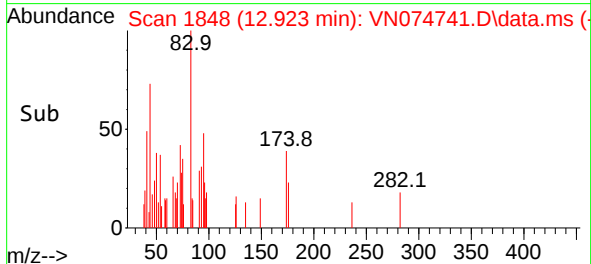
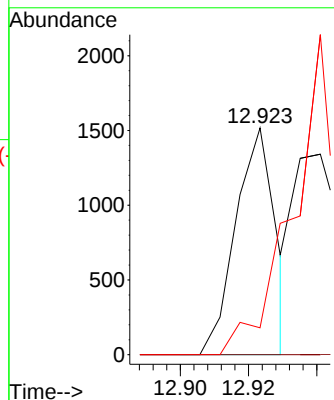
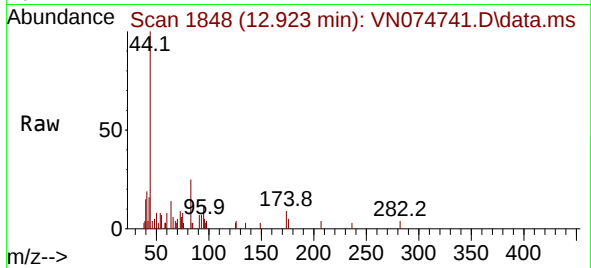




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.923 min Scan# 1848
Delta R.T. -0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

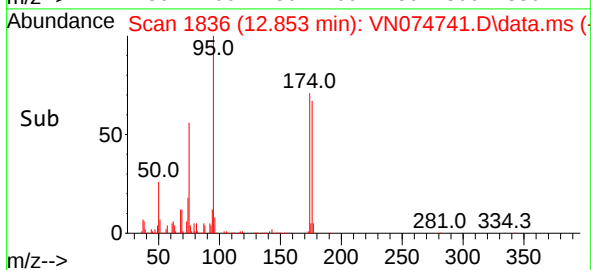
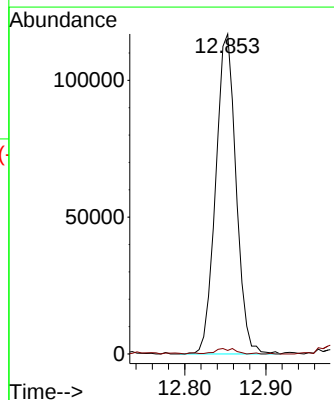
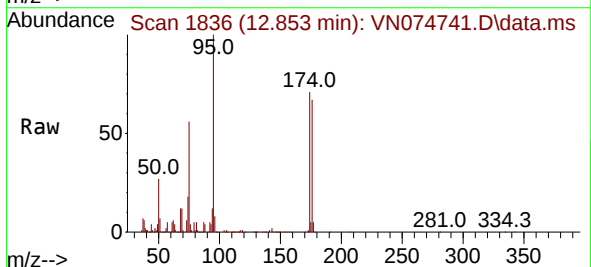
Instrument :
MSVOA_N
ClientSampleId :
IBLK

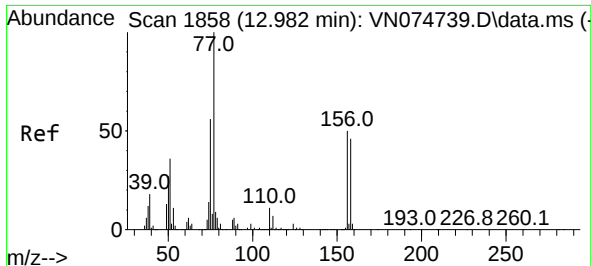
Tgt Ion: 83 Resp: 1237
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 147.5 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 23.084 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 75 Resp: 203829
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#

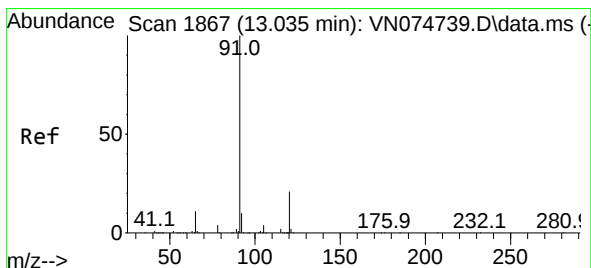
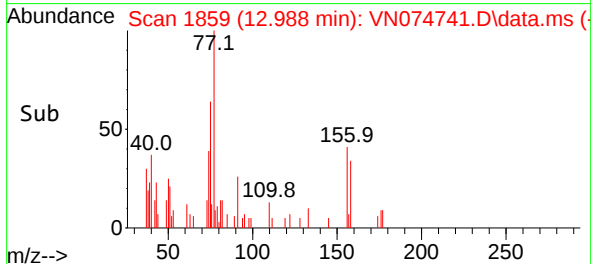
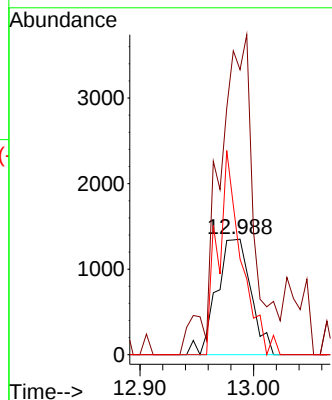
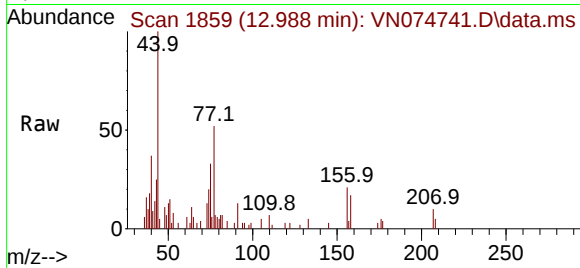




#77
Bromobenzene
Concen: 0.499 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

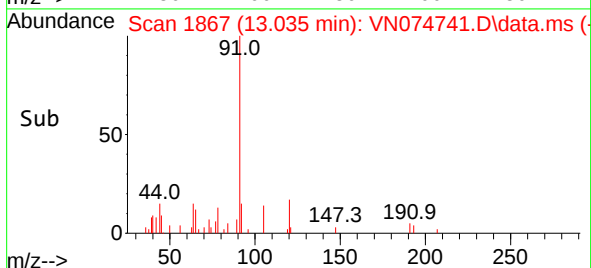
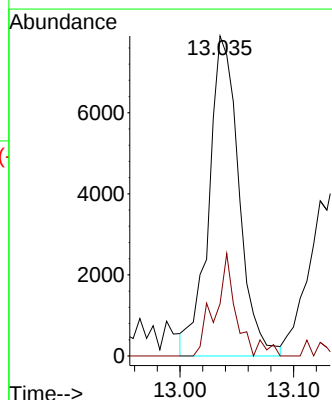
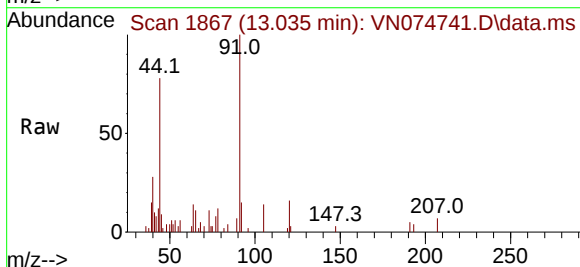
Instrument :
MSVOA_N
ClientSampleId :
IBLK

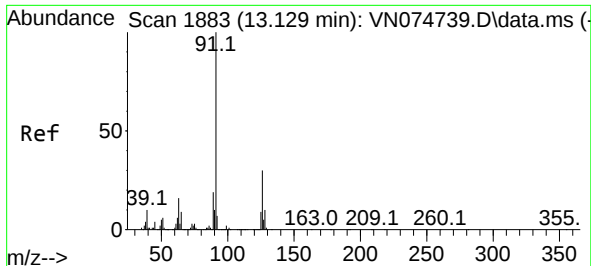
Tgt Ion:156 Resp: 2819
Ion Ratio Lower Upper
156 100
77 272.3 100.5 301.5
158 121.6 48.9 146.6



#78
n-propylbenzene
Concen: 0.463 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 91 Resp: 14582
Ion Ratio Lower Upper
91 100
120 20.8 11.9 35.5

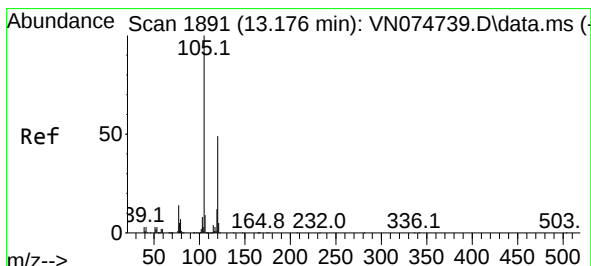
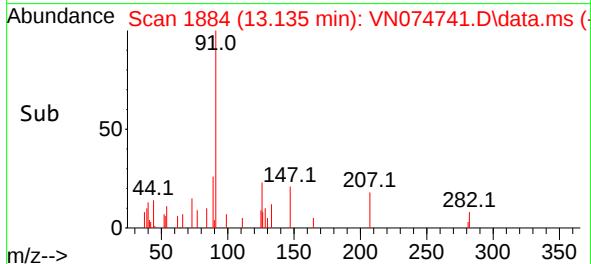
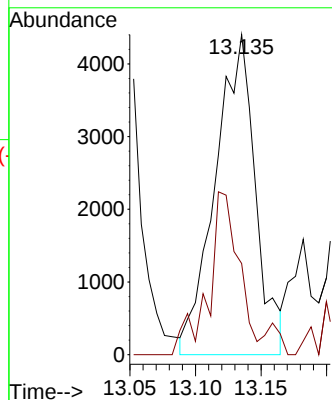
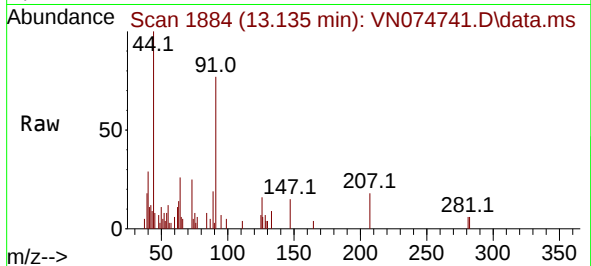




#79
2-Chlorotoluene
Concen: 0.491 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. 0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

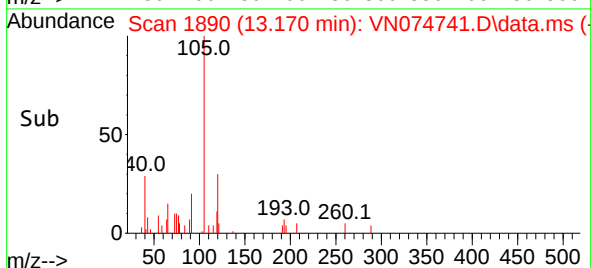
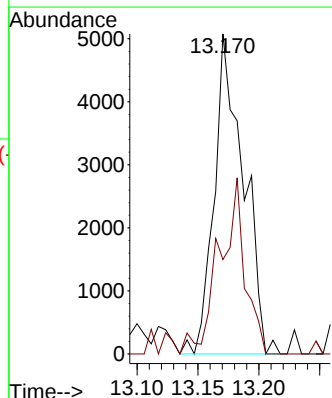
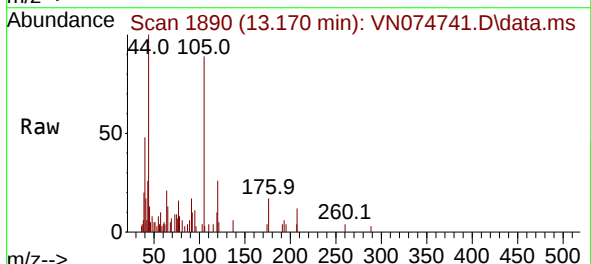
Instrument :
MSVOA_N
ClientSampleId :
IBLK

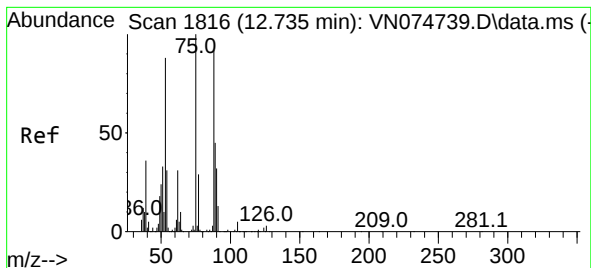
Tgt Ion: 91 Resp: 9385
Ion Ratio Lower Upper
91 100
126 38.3 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.389 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 105 Resp: 8491
Ion Ratio Lower Upper
105 100
120 48.0 24.9 74.7

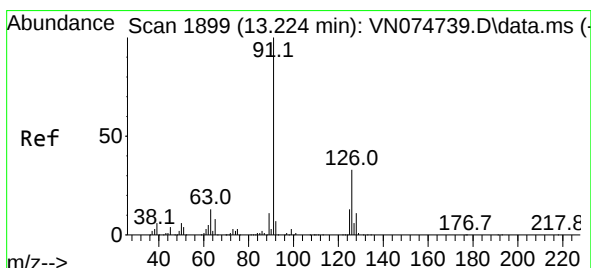
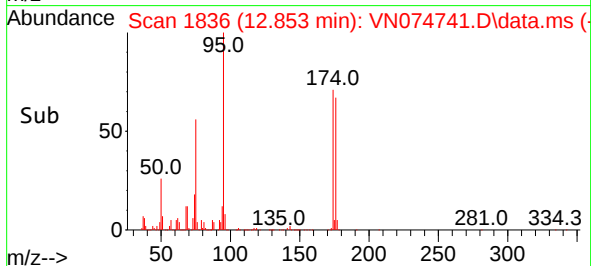
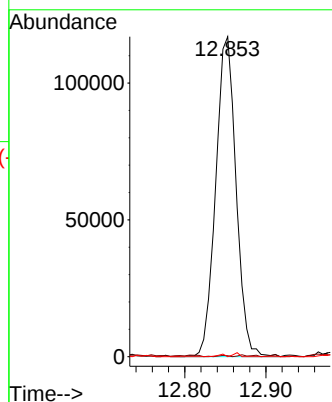
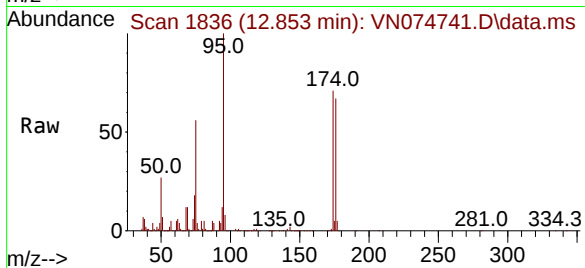




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.817 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.118 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

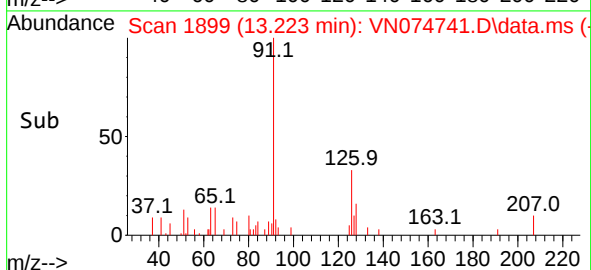
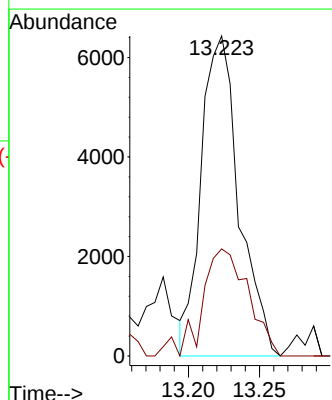
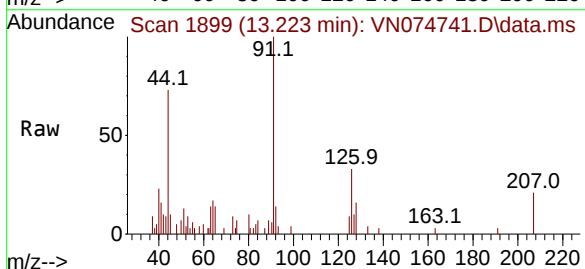
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

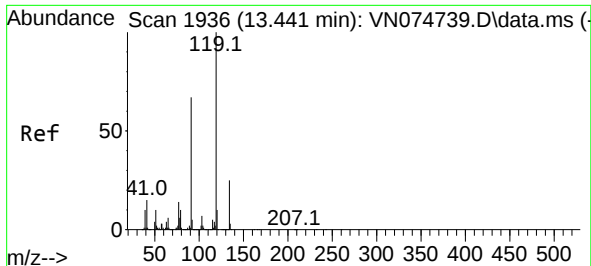
Tgt Ion: 75 Resp: 203829
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.3 37.2 55.8#



#82
 4-Chlorotoluene
 Concen: 0.671 ug/l
 RT: 13.223 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

Tgt Ion: 91 Resp: 11883
 Ion Ratio Lower Upper
 91 100
 126 41.0 17.2 51.6

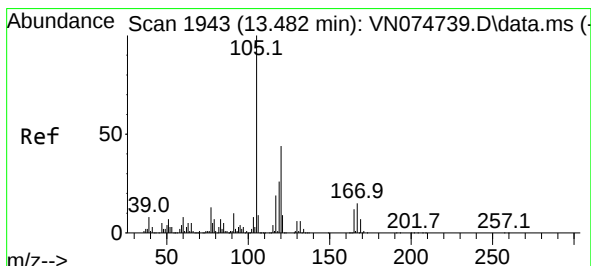
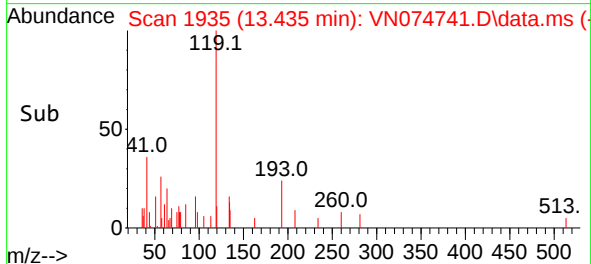
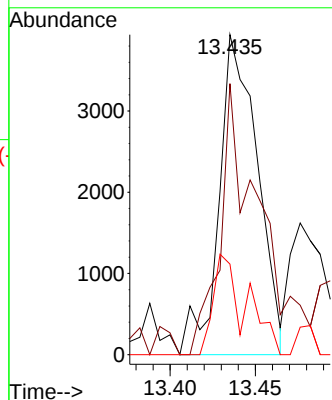
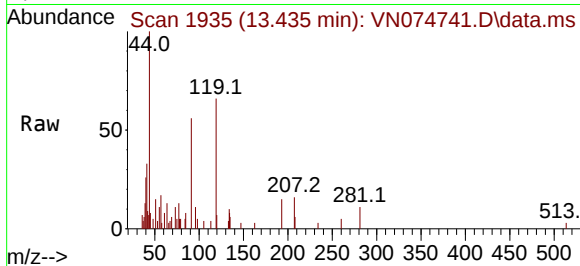




#83
 tert-Butylbenzene
 Concen: 0.328 ug/l
 RT: 13.435 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

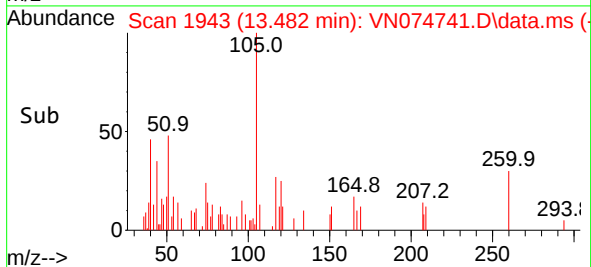
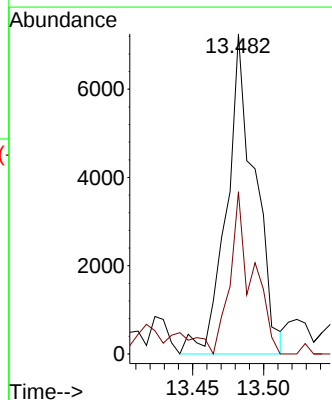
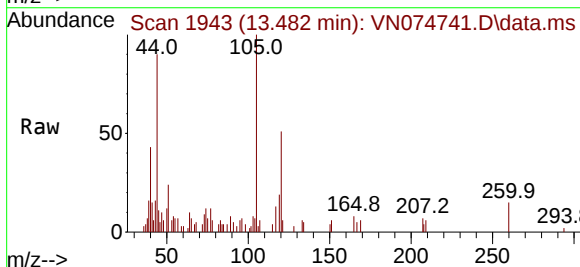
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

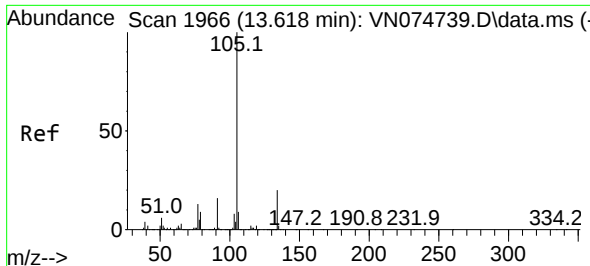
Tgt Ion:119 Resp: 6180
 Ion Ratio Lower Upper
 119 100
 91 87.3 31.6 94.8
 134 26.8 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.456 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.000 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

Tgt Ion:105 Resp: 10062
 Ion Ratio Lower Upper
 105 100
 120 39.7 23.3 69.8

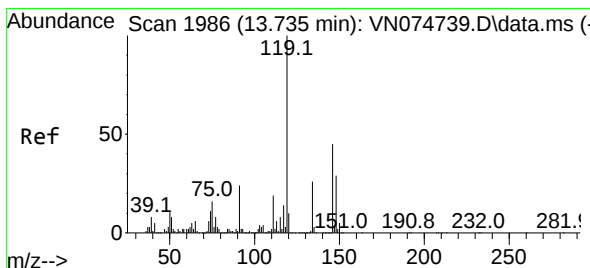
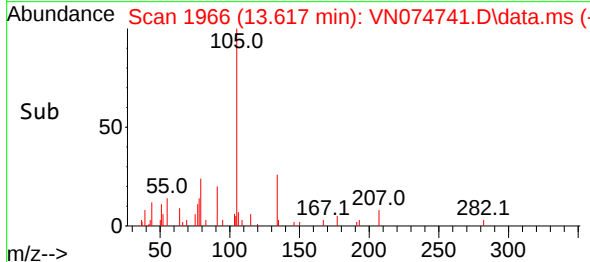
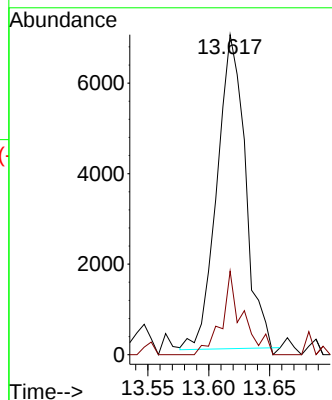
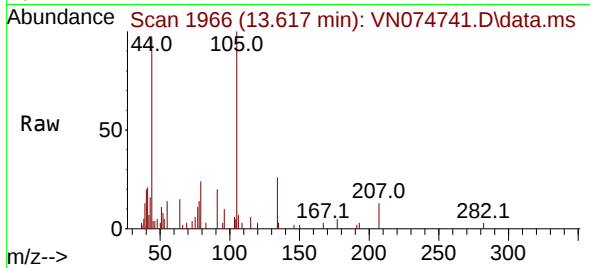




#85
 sec-Butylbenzene
 Concen: 0.408 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

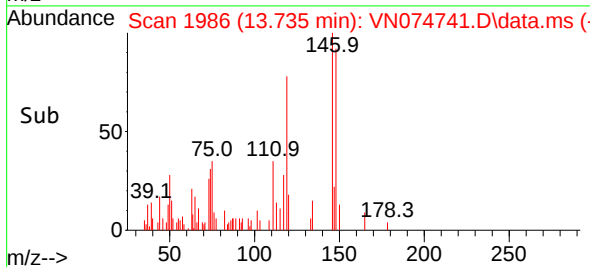
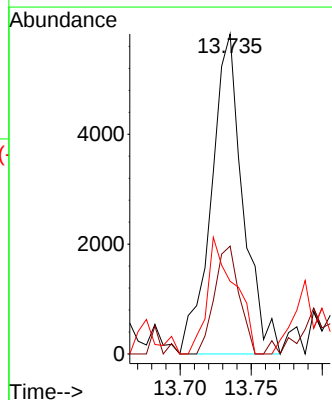
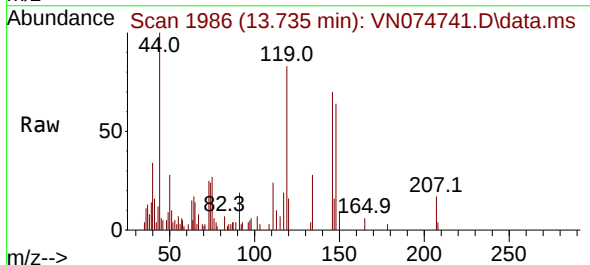
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

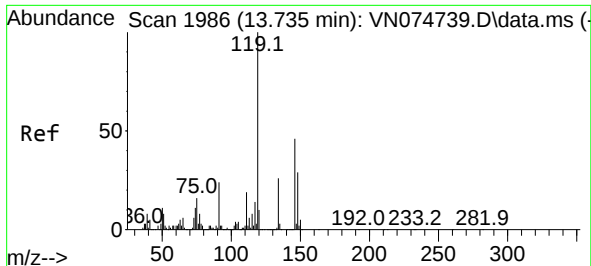
Tgt Ion:105 Resp: 11187
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.427 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

Tgt Ion:119 Resp: 9018
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 32.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.902 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.000 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

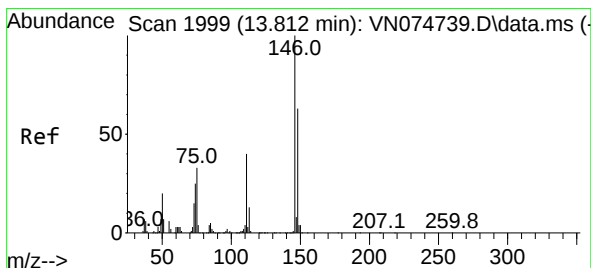
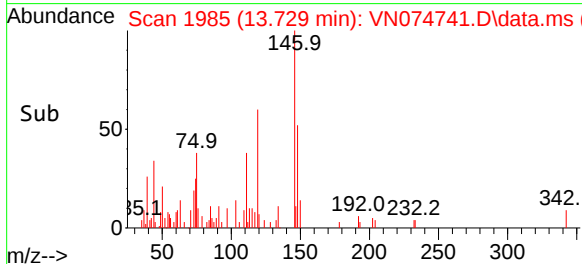
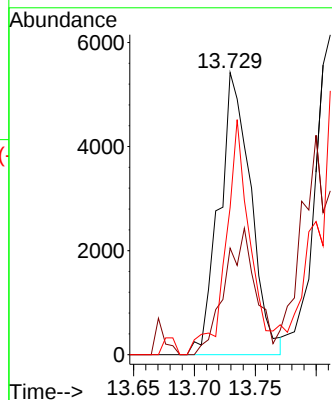
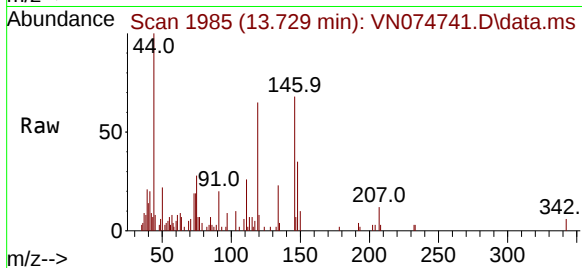
Tgt Ion:146 Resp: 9783

Ion Ratio Lower Upper

146 100

111 44.1 20.0 60.0

148 63.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.955 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.082 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

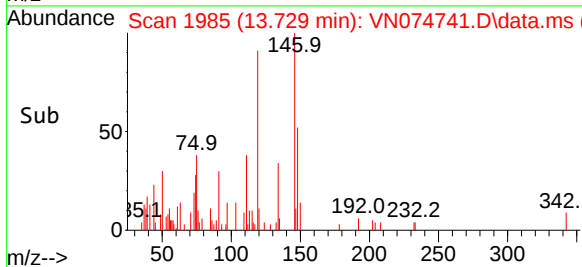
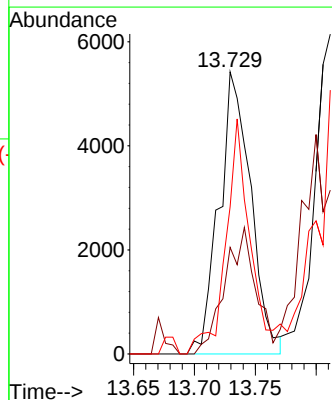
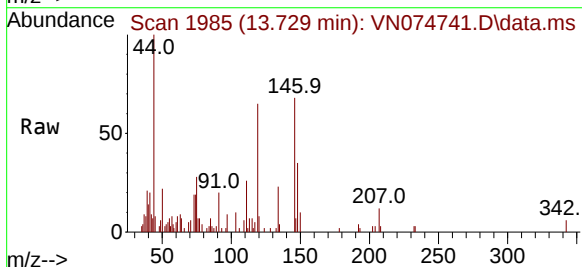
Tgt Ion:146 Resp: 9783

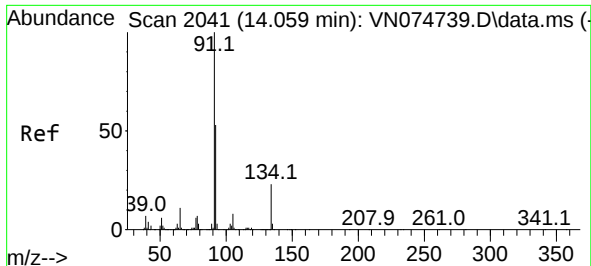
Ion Ratio Lower Upper

146 100

111 44.1 19.1 57.1

148 63.2 31.4 94.3

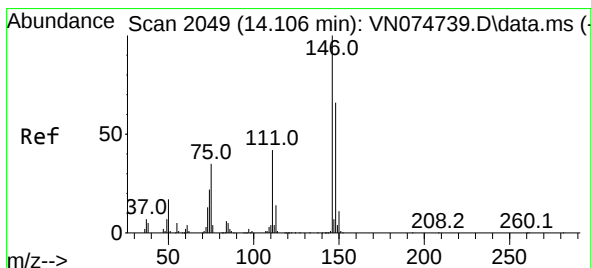
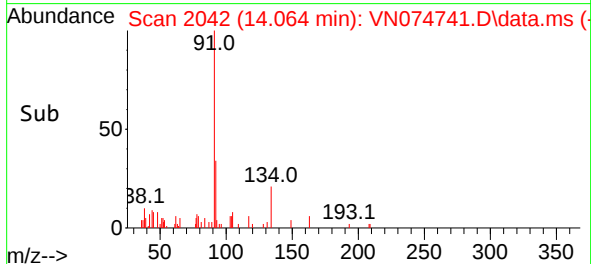
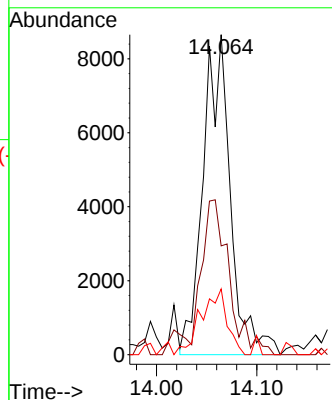
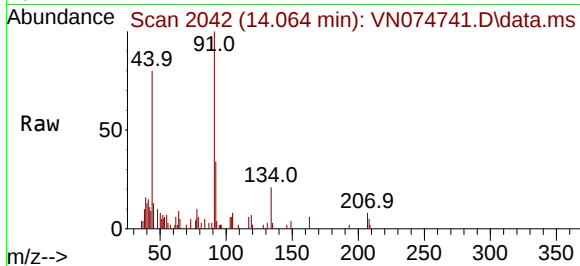




#89
n-Butylbenzene
Concen: 0.877 ug/l
RT: 14.064 min Scan# 2042
Delta R.T. 0.012 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

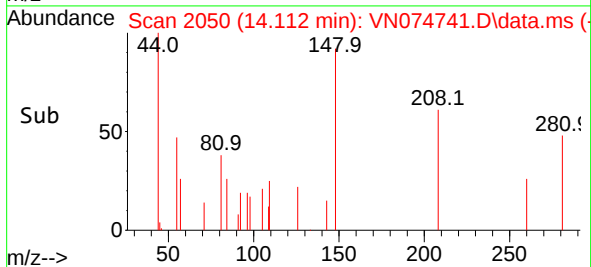
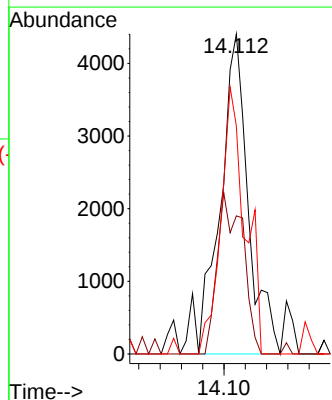
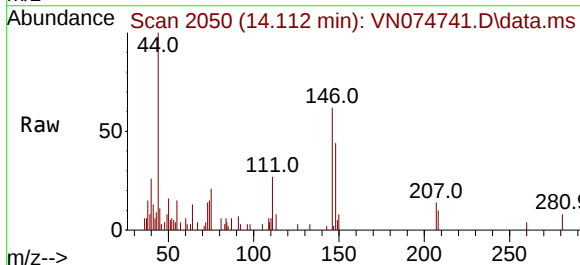
Instrument :
MSVOA_N
ClientSampleId :
IBLK

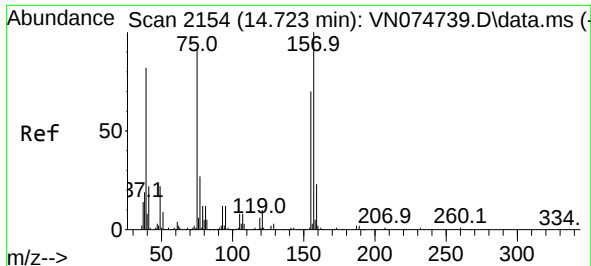
Tgt Ion: 91 Resp: 16346
Ion Ratio Lower Upper
91 100
92 49.0 26.9 80.7
134 19.6 13.6 40.8



#91
1,2-Dichlorobenzene
Concen: 0.794 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

Tgt Ion: 146 Resp: 8295
Ion Ratio Lower Upper
146 100
111 44.7 20.9 62.8
148 70.2 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.717 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

IBLK

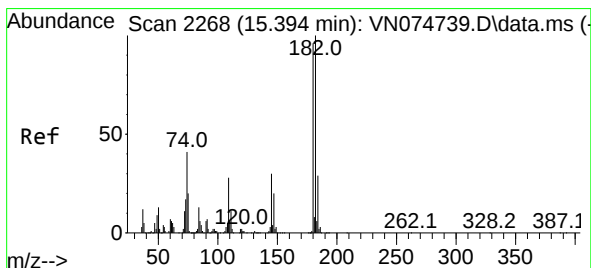
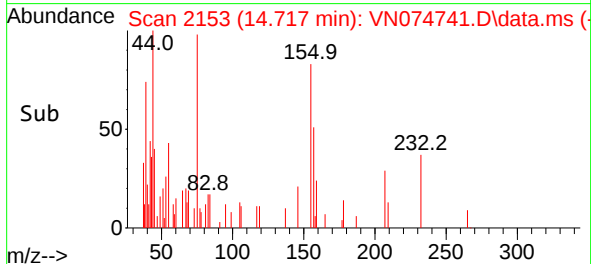
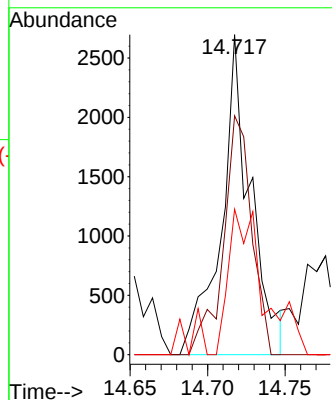
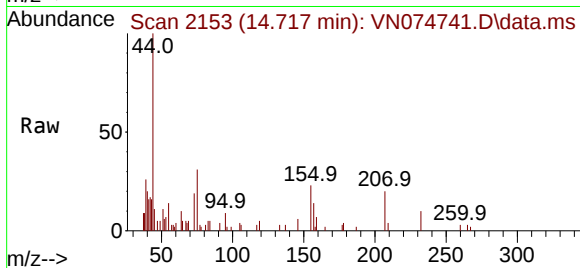
Tgt Ion: 75 Resp: 3533

Ion Ratio Lower Upper

75 100

155 72.5 44.9 134.5

157 55.2 59.0 176.8#



#93

1,2,4-Trichlorobenzene

Concen: 3.201 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.006 min

Lab File: VN074741.D

Acq: 05 Oct 2022 14:11

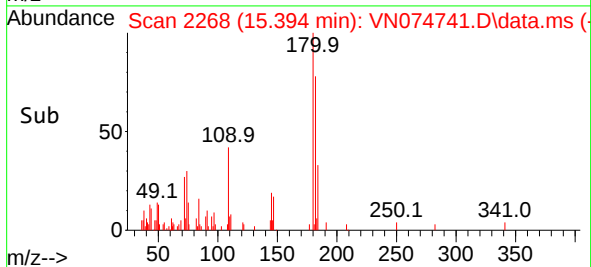
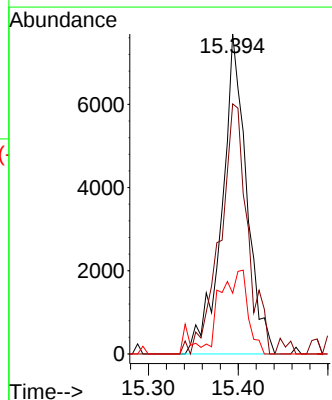
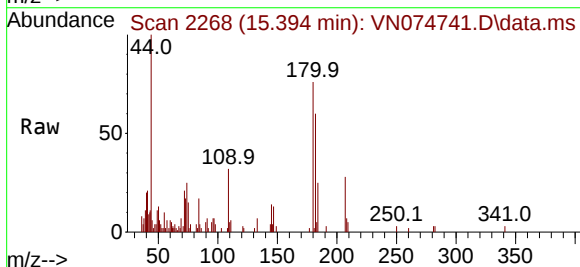
Tgt Ion:180 Resp: 14626

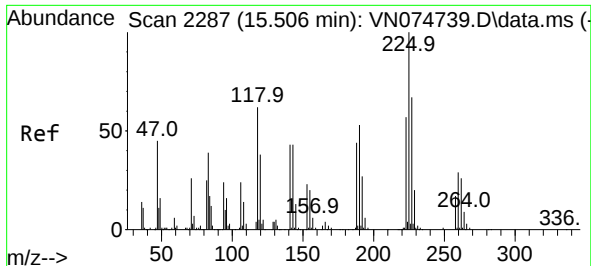
Ion Ratio Lower Upper

180 100

182 86.9 47.5 142.5

145 29.4 14.5 43.5

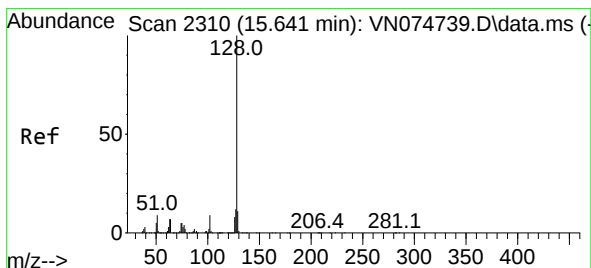
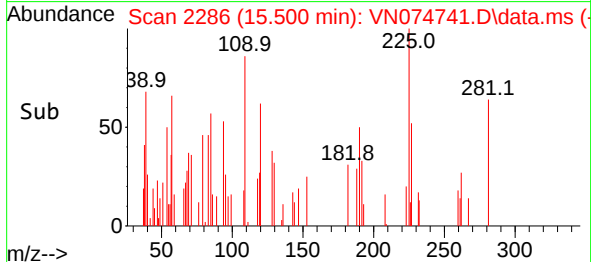
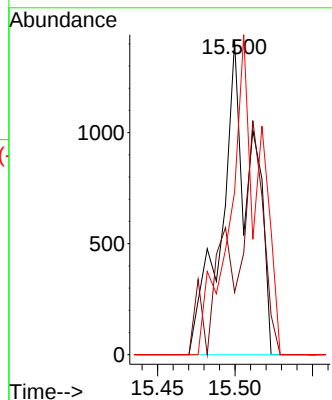
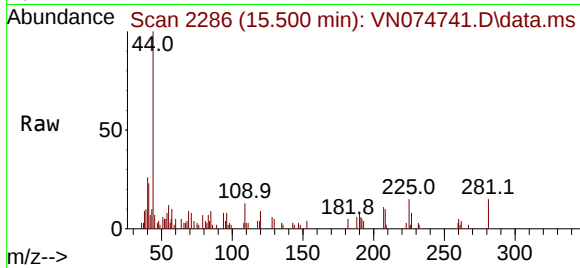




#94
Hexachlorobutadiene
Concen: 0.904 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

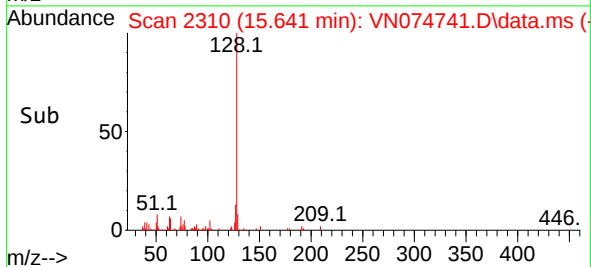
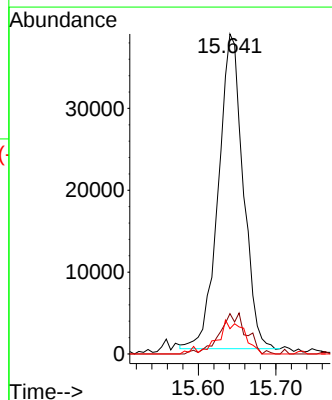
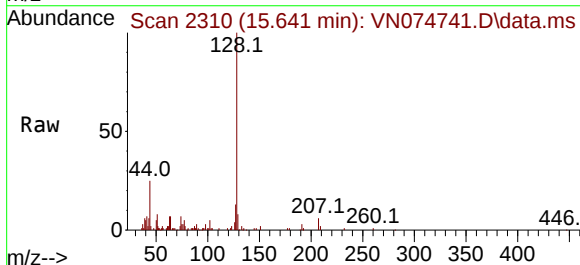
Instrument :
MSVOA_N
ClientSampleId :
IBLK

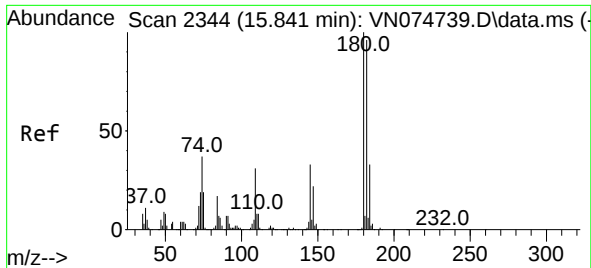
Tgt Ion:225 Resp: 1933
Ion Ratio Lower Upper
225 100
223 73.9 32.4 97.2
227 98.8 31.8 95.4#



#95
Naphthalene
Concen: 4.339 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074741.D
Acq: 05 Oct 2022 14:11

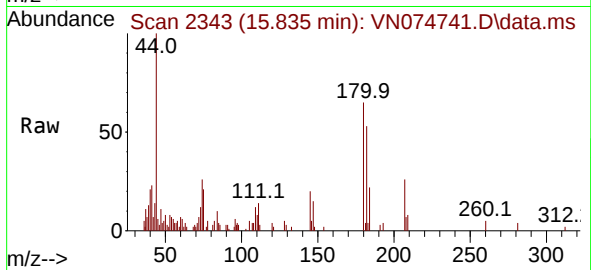
Tgt Ion:128 Resp: 85699
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 11.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.847 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074741.D
 Acq: 05 Oct 2022 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	16671
Ion	Ratio	Lower	Upper
180	100		
182	100.6	47.8	143.3
145	35.1	15.5	46.5

