

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077629.D
 Acq On : 09 May 2023 13:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 09 13:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:43:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	489563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	880824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	757929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	266417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	300210	48.352	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.700%
35) Dibromofluoromethane	8.172	113	275161	50.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	10.572	98	1065908	51.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.854	95	325383	46.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.125	85	1586	0.290 ug/l	#	71
3) Chloromethane	2.372	50	3366	Below Cal	#	85
4) Vinyl Chloride	2.531	62	1385	0.212 ug/l	#	42
5) Bromomethane	2.984	94	3647	0.704 ug/l	#	72
12) 1,1-Dichloroethene	4.354	96	1224	0.252 ug/l	#	66
13) Acrolein	4.190	56	1493	2.109 ug/l	#	77
15) Acrylonitrile	5.731	53	4693	2.598 ug/l	#	80
16) Acetone	4.454	43	1763	1.196 ug/l	#	40
17) Carbon Disulfide	4.719	76	11730	1.004 ug/l	#	81
18) Methyl Acetate	5.049	43	2862	0.490 ug/l	#	70
20) Methylene Chloride	5.284	84	3983	0.652 ug/l	#	83
21) trans-1,2-Dichloroethene	5.796	96	1294	0.235 ug/l		95
23) Vinyl Acetate	6.613	43	1047	6.344 ug/l	#	62
25) 2-Butanone	7.495	43	1361	0.632 ug/l	#	73
27) cis-1,2-Dichloroethene	7.495	96	1685	0.252 ug/l		89
29) Tetrahydrofuran	7.866	42	1129	0.853 ug/l	#	76
31) Cyclohexane	8.231	56	10535	1.328 ug/l	#	3
37) Ethyl Acetate	7.560	43	889	0.205 ug/l	#	72
38) Carbon Tetrachloride	8.225	117	55516	6.703 ug/l	#	16
42) 1,2-Dichloroethane	8.684	62	1817	0.236 ug/l	#	73
44) Trichloroethene	9.354	130	1855	0.308 ug/l		93
49) 1,4-Dioxane	9.701	88	230	2.168 ug/l	#	81
51) 4-Methyl-2-Pentanone	10.448	43	2315	0.518 ug/l		98
53) t-1,3-Dichloropropene	10.842	75	1664	0.213 ug/l	#	75
58) 2-Chloroethyl Vinyl ether	10.166	63	950	4.180 ug/l	#	73
59) 2-Hexanone	11.201	43	3583	1.134 ug/l		77
61) 1,2-Dibromoethane	11.472	107	1522	0.262 ug/l		90
64) Tetrachloroethene	11.113	164	1559	0.346 ug/l	#	55
65) Chlorobenzene	11.889	112	5546	0.356 ug/l	#	81
67) Ethyl Benzene	11.972	91	5496	0.201 ug/l	#	70
68) m/p-Xylenes	12.083	106	4407	0.407 ug/l		91
70) Styrene	12.419	104	4435	0.267 ug/l		98
74) N-amyl acetate	12.495	43	1448	0.276 ug/l	#	77
75) 1,1,2,2-Tetrachloroethane	12.942	83	1682	0.257 ug/l	#	94
76) 1,2,3-Trichloropropane	12.854	75	167617	30.487 ug/l	#	1
77) Bromobenzene	12.983	156	3325	0.632 ug/l		72

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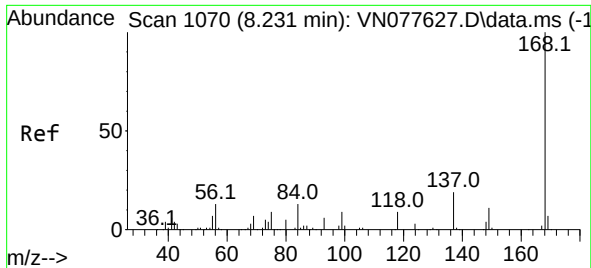
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 09 13:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
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 QLast Update : Tue May 09 13:43:04 2023
 Response via : Initial Calibration

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

78) n-propylbenzene	13.042	91	7751	0.304	ug/l	93
79) 2-Chlorotoluene	13.130	91	5383	0.331	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	3874	0.213	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.854	75	167617	97.076	ug/l #	15
82) 4-Chlorotoluene	13.230	91	8524	0.559	ug/l	92
84) 1,2,4-Trimethylbenzene	13.501	105	4837	0.283	ug/l	91
85) sec-Butylbenzene	13.619	105	6016	0.262	ug/l	94
86) p-Isopropyltoluene	13.736	119	4806	0.267	ug/l	92
87) 1,3-Dichlorobenzene	13.742	146	6749	0.738	ug/l	97
88) 1,4-Dichlorobenzene	13.742	146	6749	0.742	ug/l	96
89) n-Butylbenzene	14.054	91	6937	0.487	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	6989	0.768	ug/l #	77
92) 1,2-Dibromo-3-Chloropr...	14.730	75	604	0.522	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.389	180	6998	6.217	ug/l	96
94) Hexachlorobutadiene	15.501	225	1916	0.986	ug/l	68
95) Naphthalene	15.642	128	27884	6.616	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.842	180	9038	6.772	ug/l	84

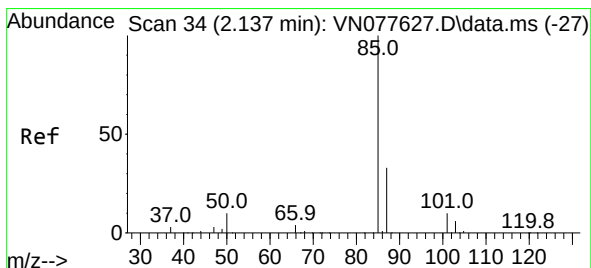
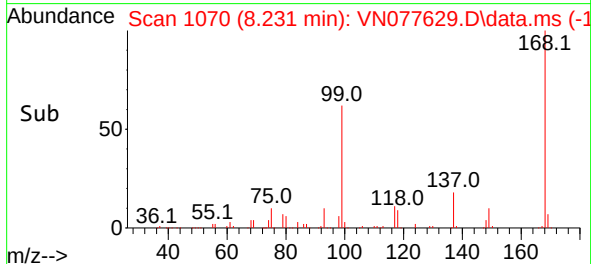
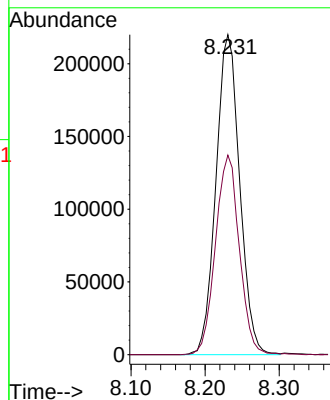
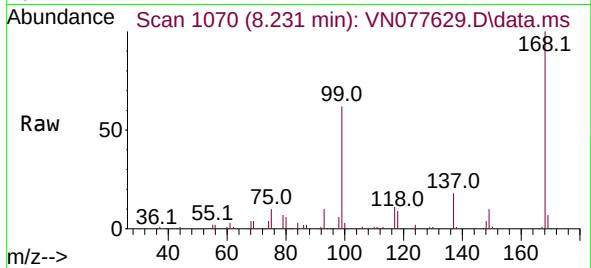
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

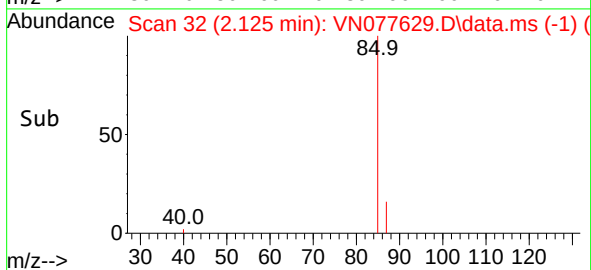
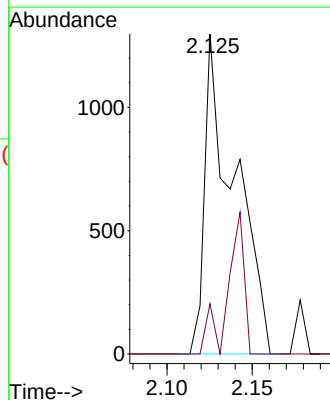
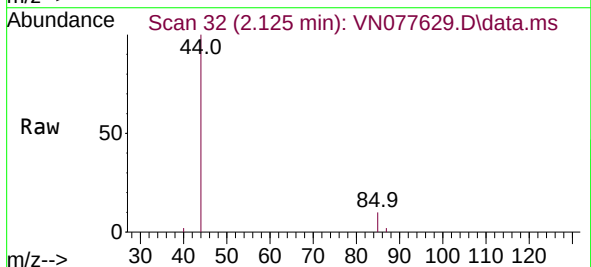
Instrument :
MSVOA_N
ClientSampleId :
IBLK

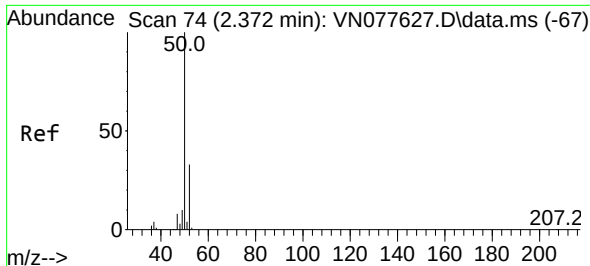
Tgt Ion:168 Resp: 489563
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.290 ug/l
RT: 2.125 min Scan# 32
Delta R.T. -0.012 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 85 Resp: 1586
Ion Ratio Lower Upper
85 100
87 15.7 15.8 47.4#

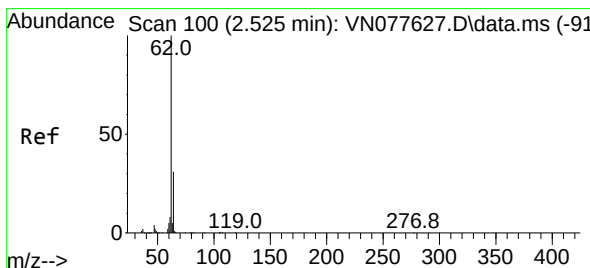
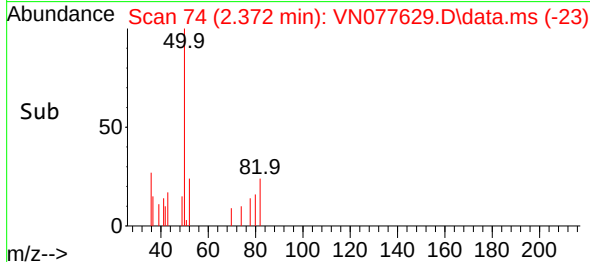
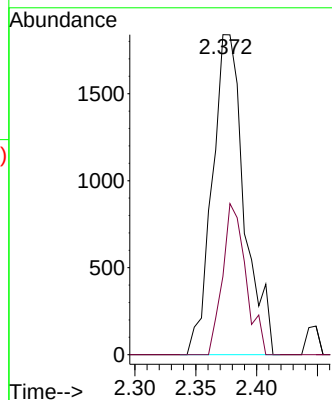
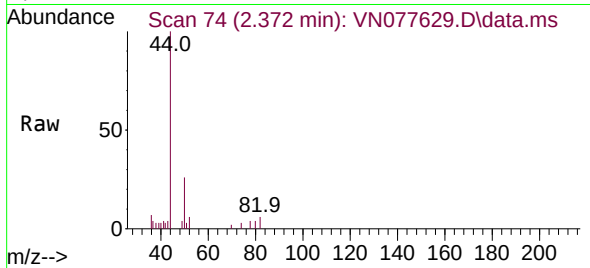




#3
Chloromethane
Concen: Below Cal
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

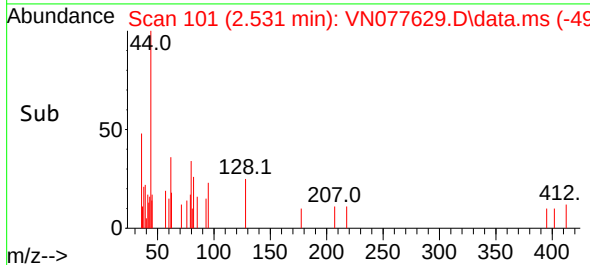
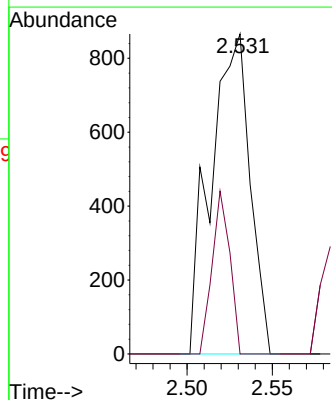
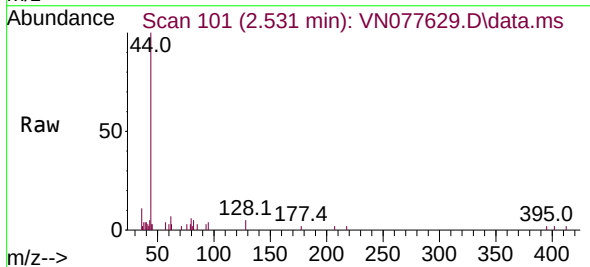
Instrument : MSVOA_N
ClientSampleId : IBLK

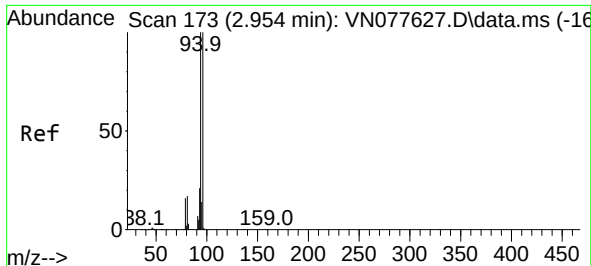
Tgt Ion: 50 Resp: 3366
Ion Ratio Lower Upper
50 100
52 24.5 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.212 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 62 Resp: 1385
Ion Ratio Lower Upper
62 100
64 0.0 26.2 39.2#





#5

Bromomethane

Concen: 0.704 ug/l

RT: 2.984 min Scan# 1

Delta R.T. 0.030 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

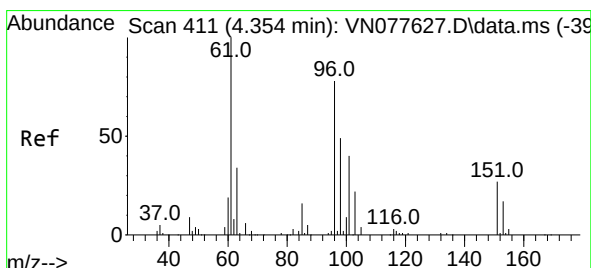
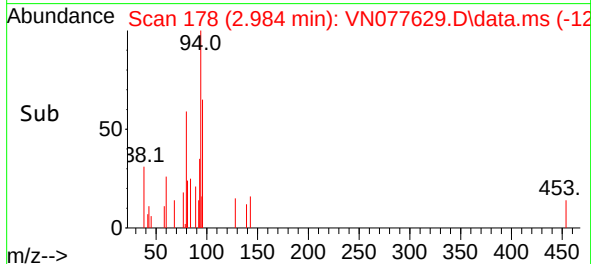
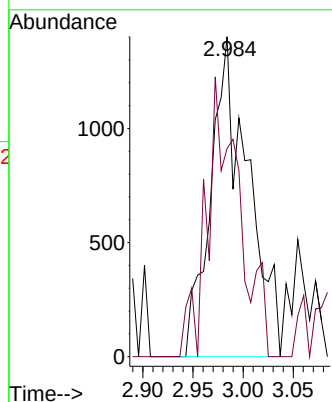
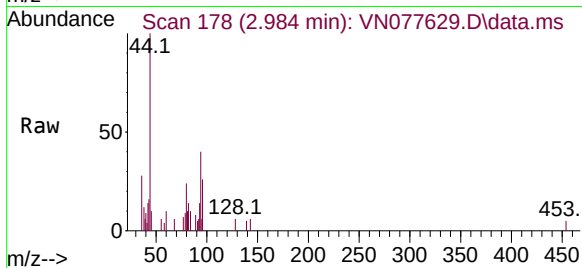
IBLK

Tgt Ion: 94 Resp: 3647

Ion Ratio Lower Upper

94 100

96 65.1 73.1 109.7#



#12

1,1-Dichloroethene

Concen: 0.252 ug/l

RT: 4.354 min Scan# 411

Delta R.T. 0.000 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

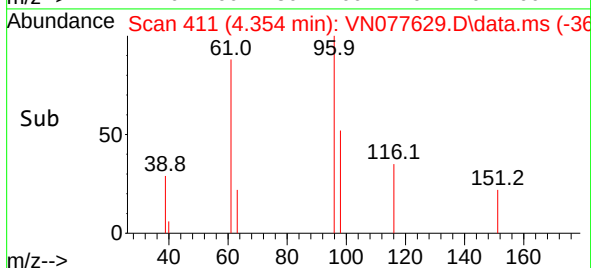
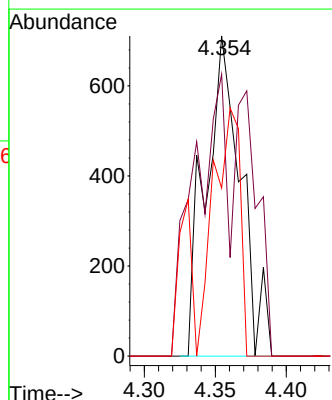
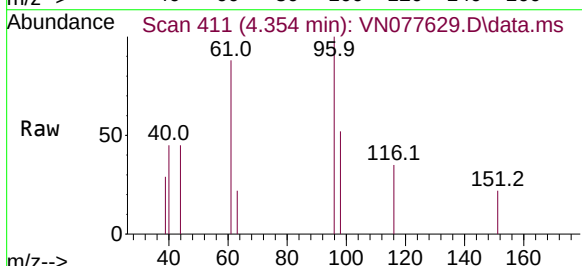
Tgt Ion: 96 Resp: 1224

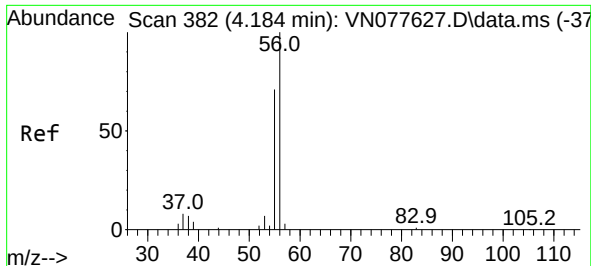
Ion Ratio Lower Upper

96 100

61 88.0 112.7 169.1#

98 52.5 51.2 76.8

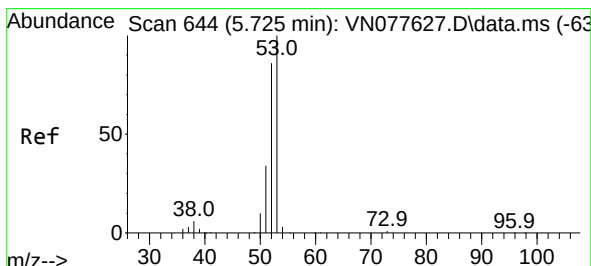
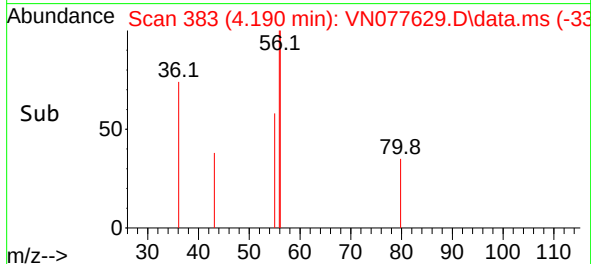
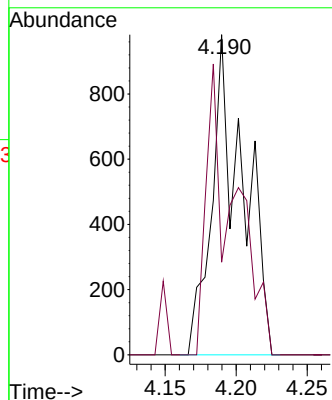
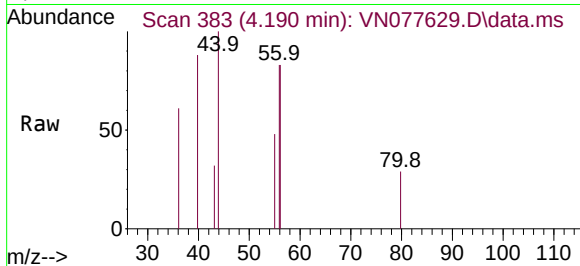




#13
Acrolein
Concen: 2.109 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

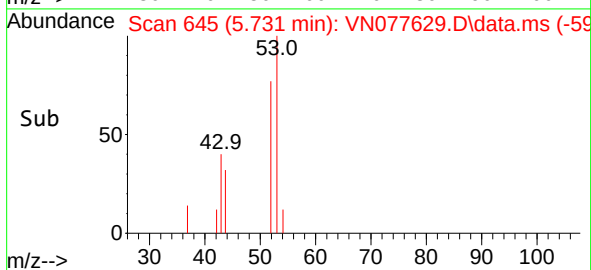
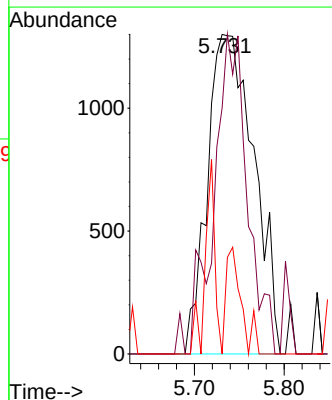
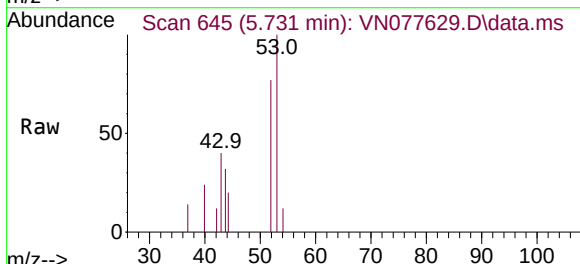
Instrument :
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ClientSampleId :
IBLK

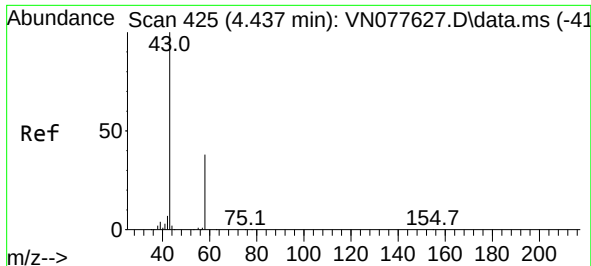
Tgt Ion: 56 Resp: 1493
Ion Ratio Lower Upper
56 100
55 49.7 54.5 81.7#



#15
Acrylonitrile
Concen: 2.598 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 53 Resp: 4693
Ion Ratio Lower Upper
53 100
52 73.0 65.3 97.9
51 10.9 28.9 43.3#





#16

Acetone

Concen: 1.196 ug/l

RT: 4.454 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

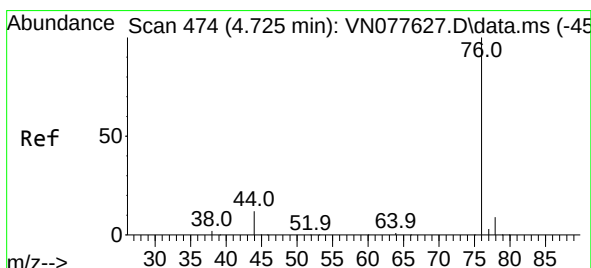
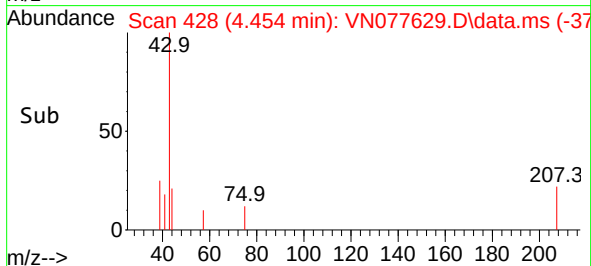
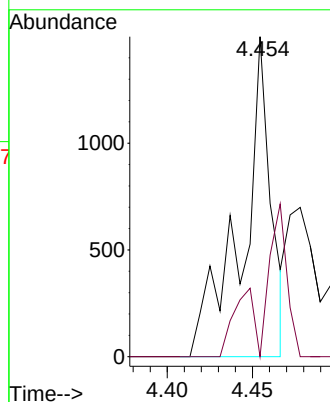
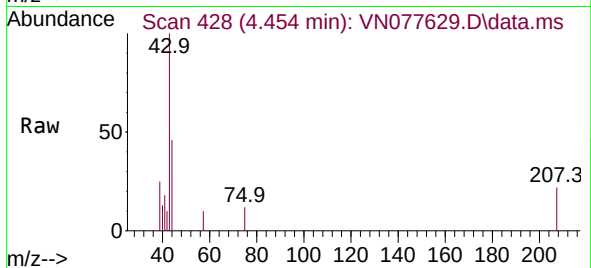
IBLK

Tgt Ion: 43 Resp: 1763

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#17

Carbon Disulfide

Concen: 1.004 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.006 min

Lab File: VN077629.D

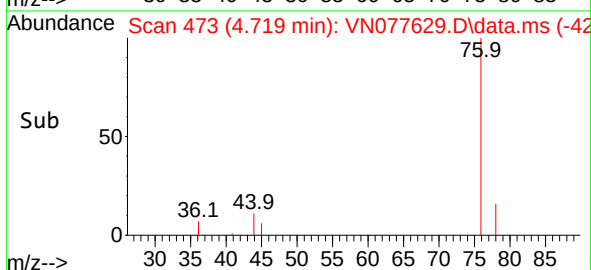
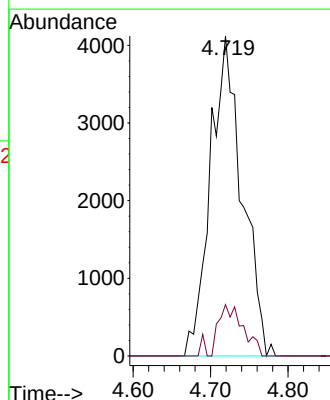
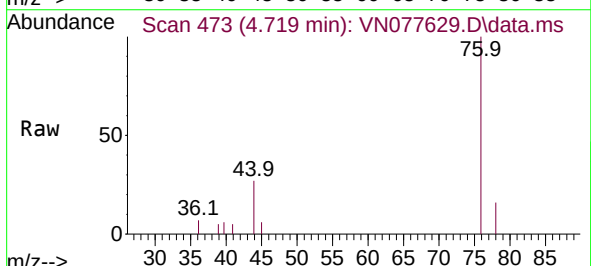
Acq: 09 May 2023 13:22

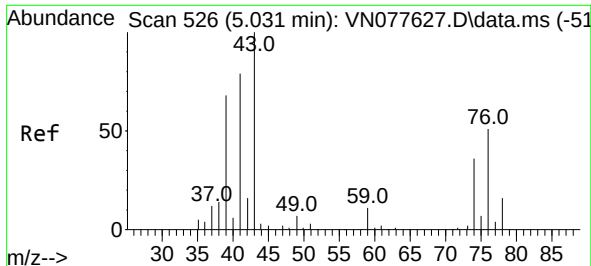
Tgt Ion: 76 Resp: 11730

Ion Ratio Lower Upper

76 100

78 16.0 7.4 11.0#

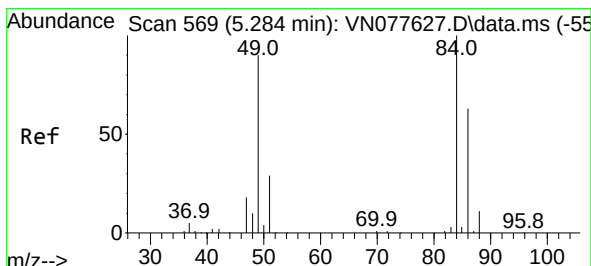
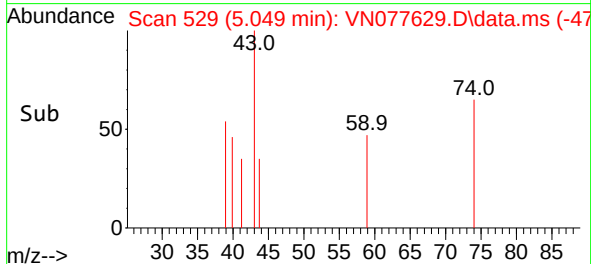
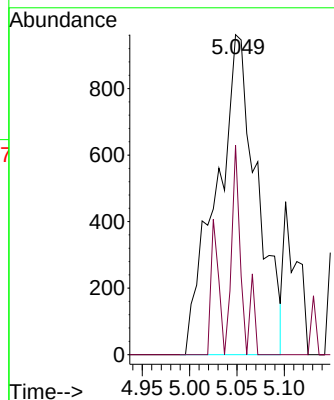
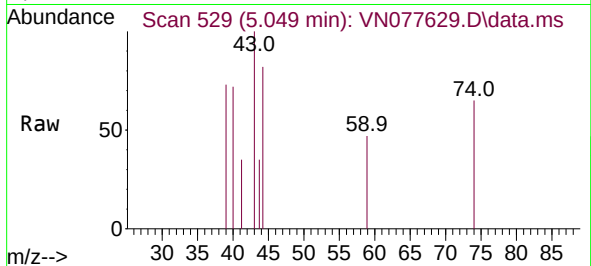




#18
Methyl Acetate
Concen: 0.490 ug/l
RT: 5.049 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

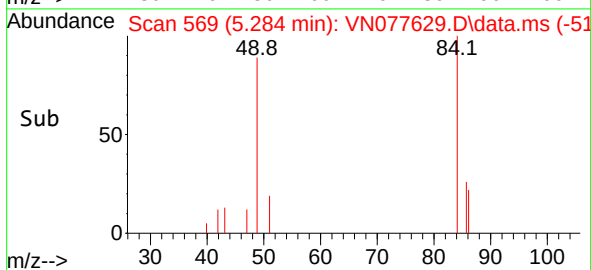
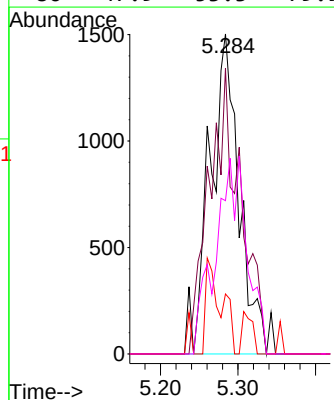
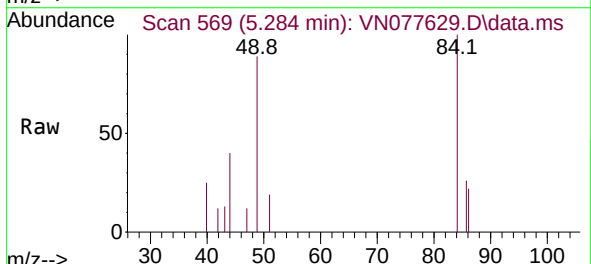
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MSVOA_N
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IBLK

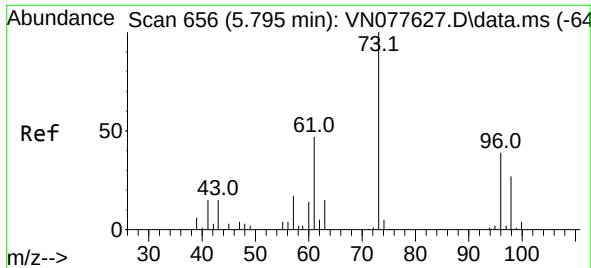
Tgt Ion: 43 Resp: 2862
Ion Ratio Lower Upper
43 100
74 16.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.652 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 84 Resp: 3983
Ion Ratio Lower Upper
84 100
49 89.4 79.7 119.5
51 18.8 25.2 37.8#
86 47.9 53.3 79.9#

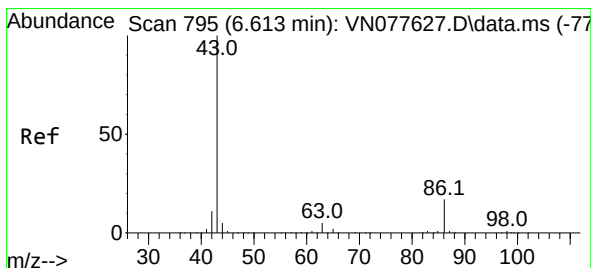
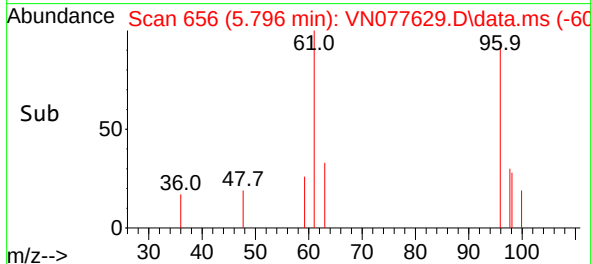
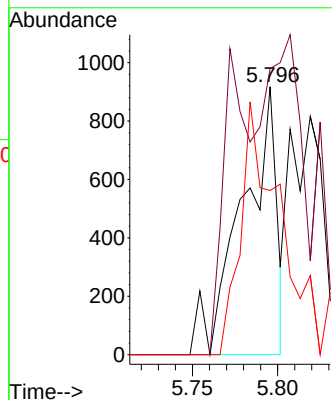
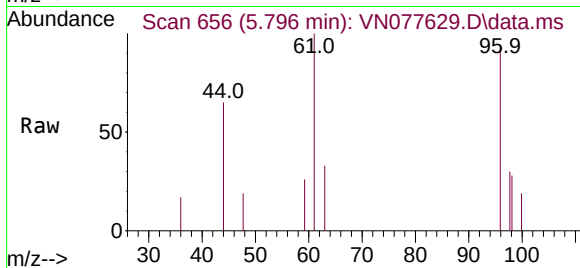




#21
trans-1,2-Dichloroethene
Concen: 0.235 ug/l
RT: 5.796 min Scan# 610
Delta R.T. 0.001 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

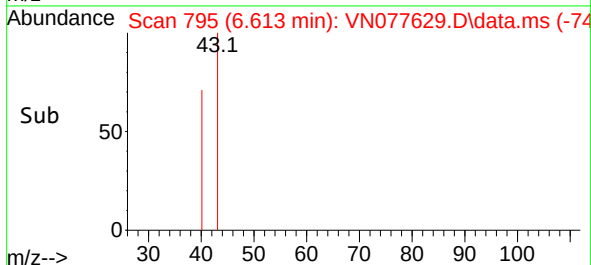
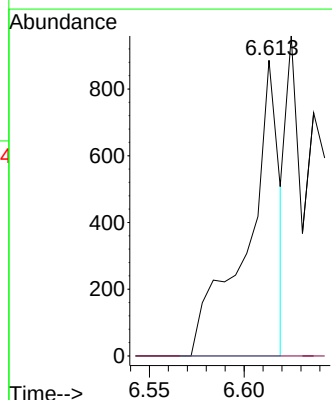
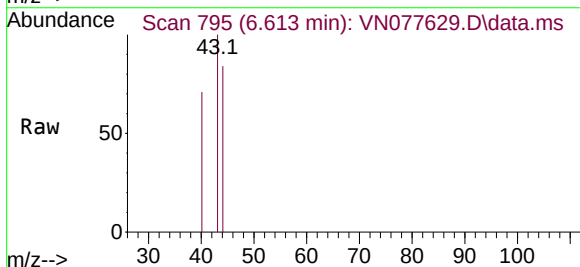
Instrument :
MSVOA_N
ClientSampleId :
IBLK

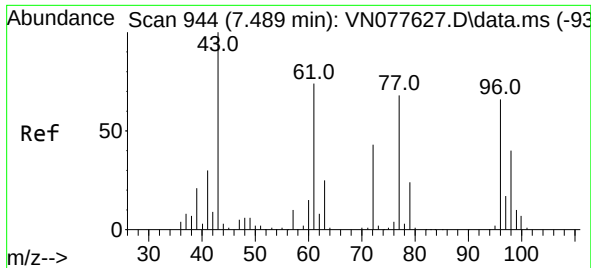
Tgt Ion: 96 Resp: 1294
Ion Ratio Lower Upper
96 100
61 106.8 90.1 135.1
98 61.2 46.4 69.6



#23
Vinyl Acetate
Concen: 6.344 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
86 0.0 13.0 19.6#

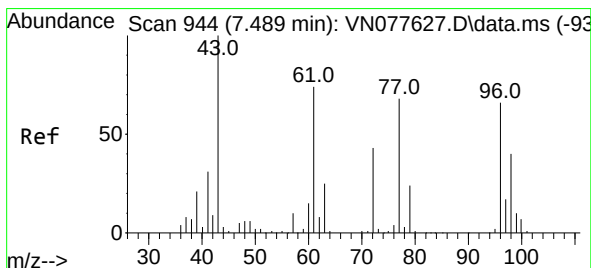
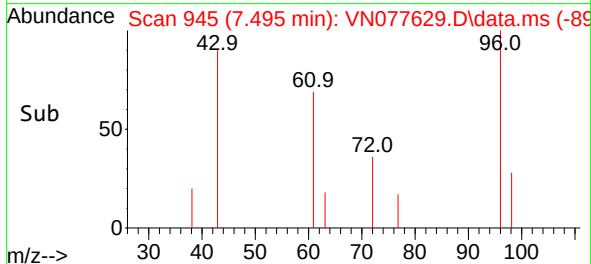
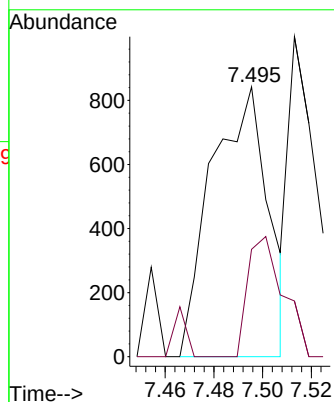
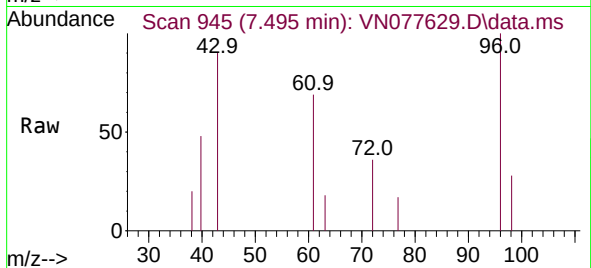




#25
2-Butanone
Concen: 0.632 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

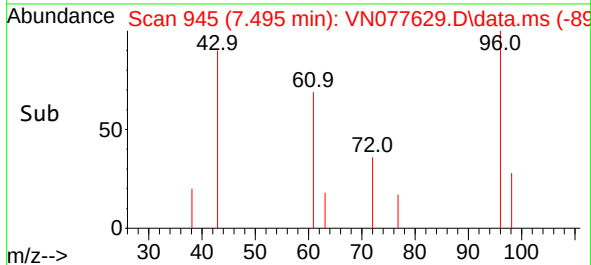
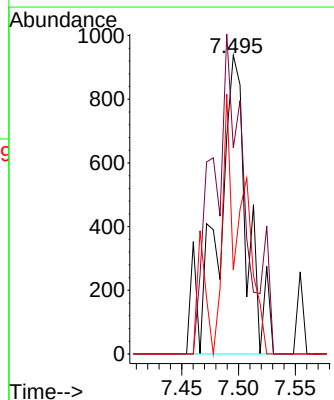
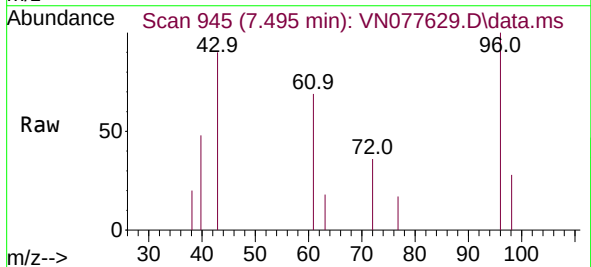
Instrument :
MSVOA_N
ClientSampleId :
IBLK

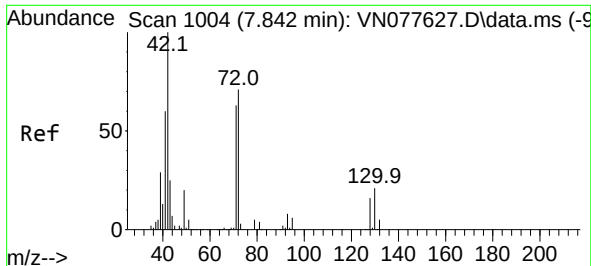
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
72 21.3 30.2 45.2#



#27
cis-1,2-Dichloroethene
Concen: 0.252 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 96 Resp: 1685
Ion Ratio Lower Upper
96 100
61 115.1 0.0 255.2
98 56.5 0.0 128.8

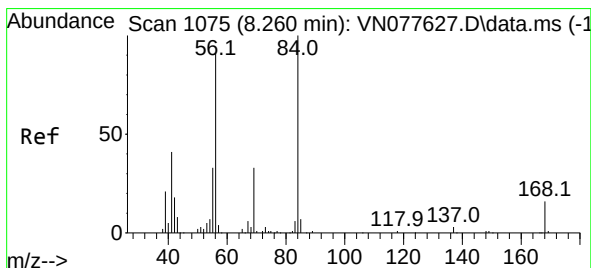
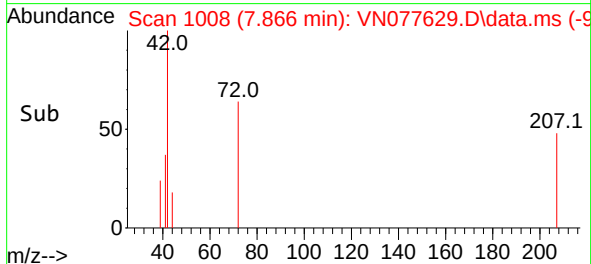
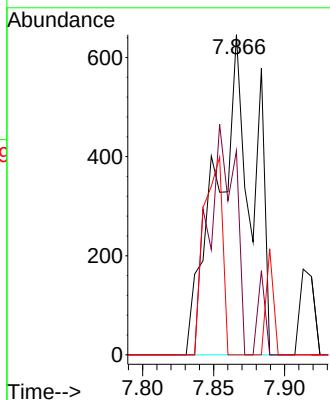
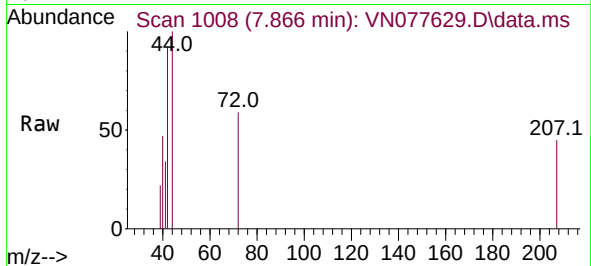




#29
Tetrahydrofuran
Concen: 0.853 ug/l
RT: 7.866 min Scan# 1008
Delta R.T. 0.024 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

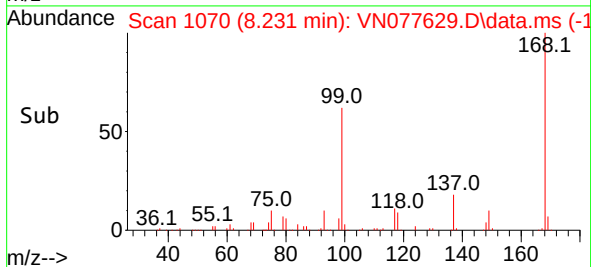
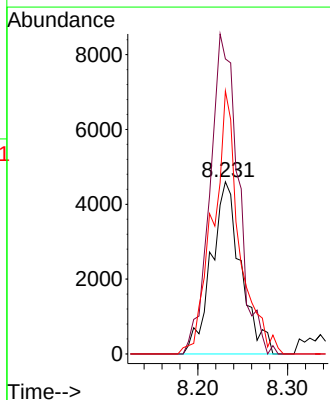
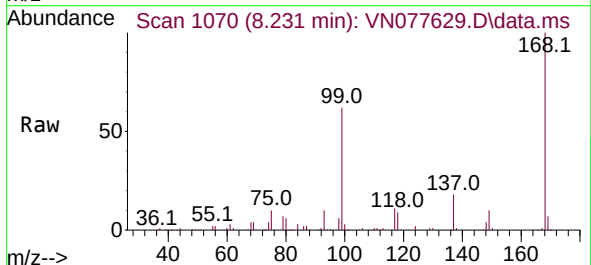
Instrument :
MSVOA_N
ClientSampleId :
IBLK

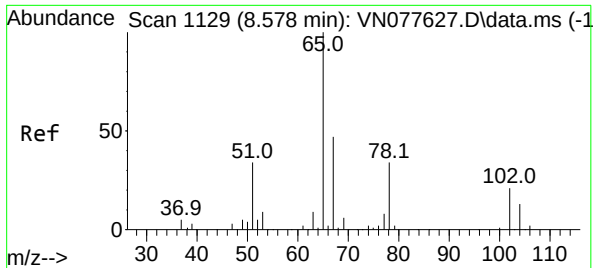
Tgt Ion: 42 Resp: 1129
Ion Ratio Lower Upper
42 100
72 53.0 49.8 74.6
71 32.4 47.4 71.2#



#31
Cyclohexane
Concen: 1.328 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 56 Resp: 10535
Ion Ratio Lower Upper
56 100
69 171.4 26.8 40.2#
84 152.8 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 48.352 ug/l

RT: 8.584 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

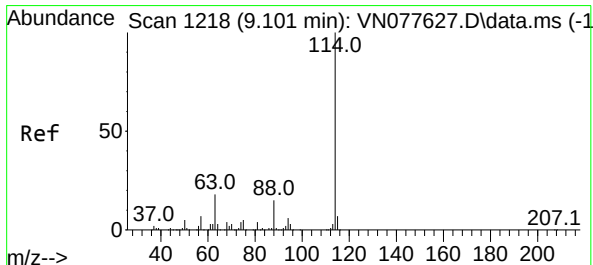
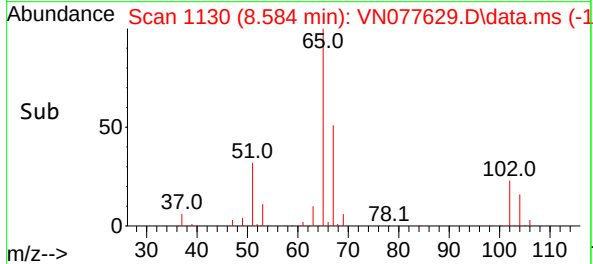
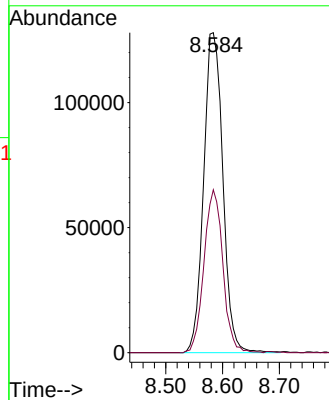
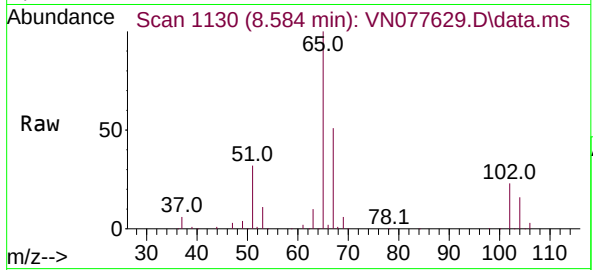
IBLK

Tgt Ion: 65 Resp: 300210

Ion Ratio Lower Upper

65 100

67 50.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

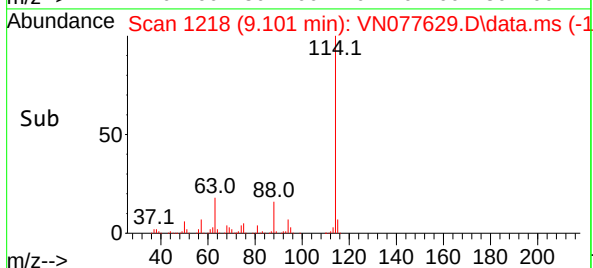
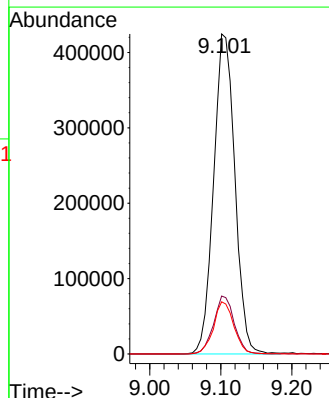
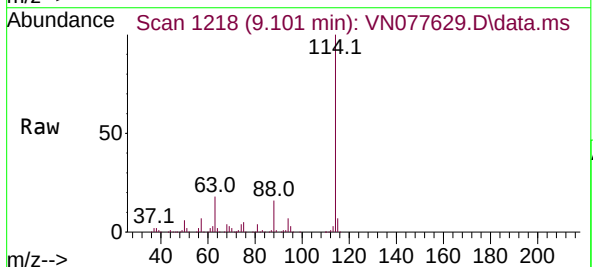
Tgt Ion: 114 Resp: 880824

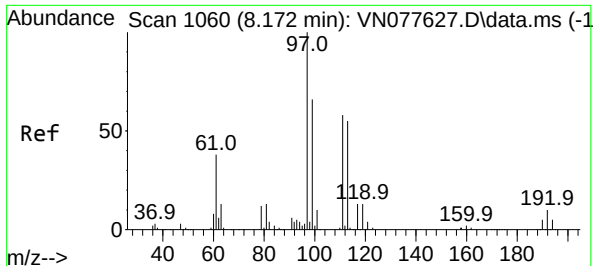
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.089 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

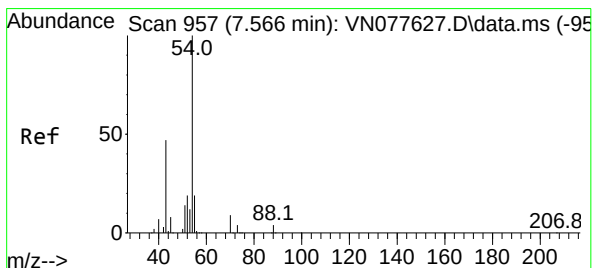
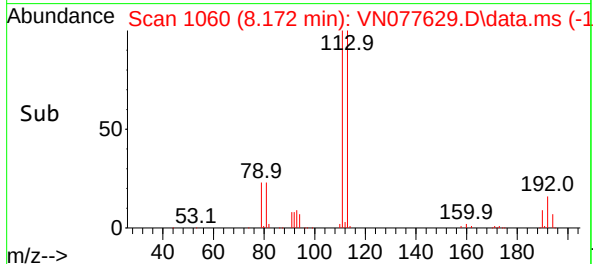
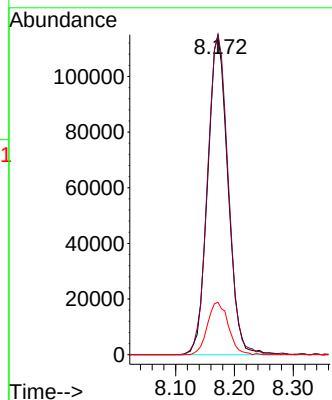
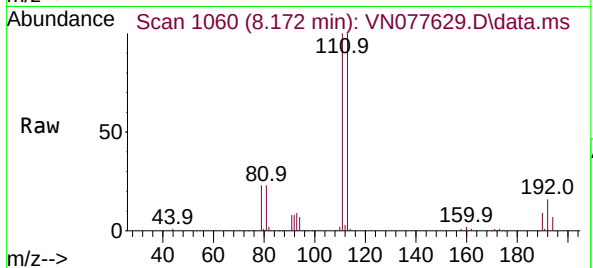
Tgt Ion:113 Resp: 275161

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.9 12.7 19.1



#37

Ethyl Acetate

Concen: 0.205 ug/l

RT: 7.560 min Scan# 956

Delta R.T. -0.006 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

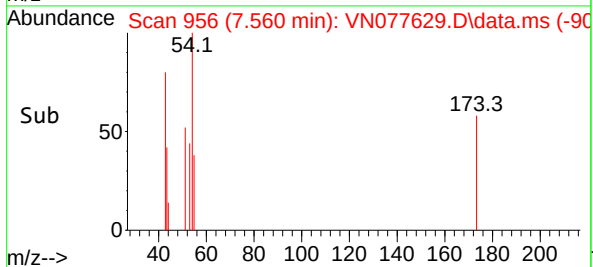
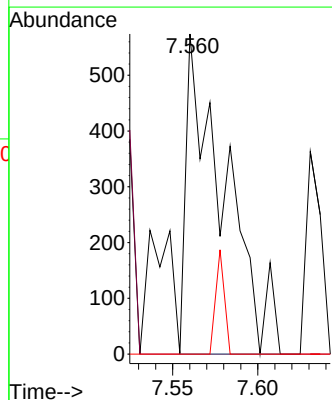
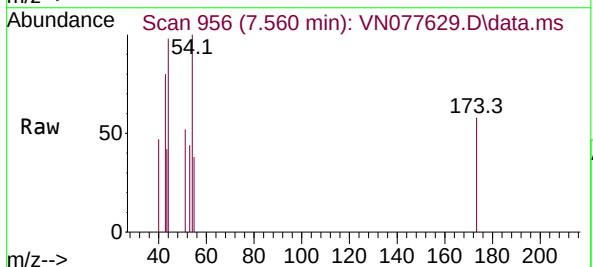
Tgt Ion: 43 Resp: 889

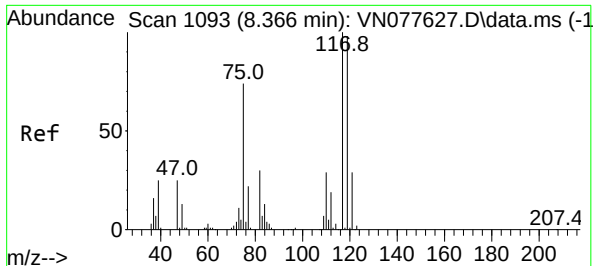
Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 7.4 11.3 16.9#

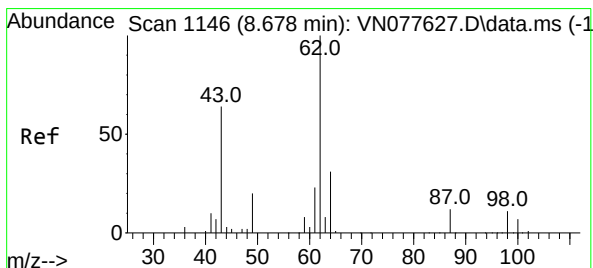
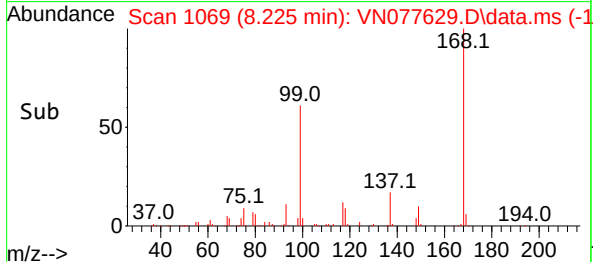
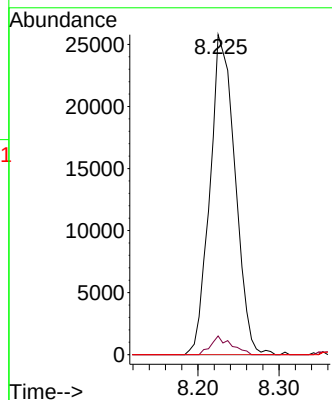
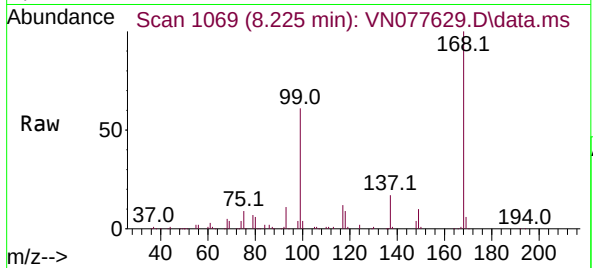




#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 8.225 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

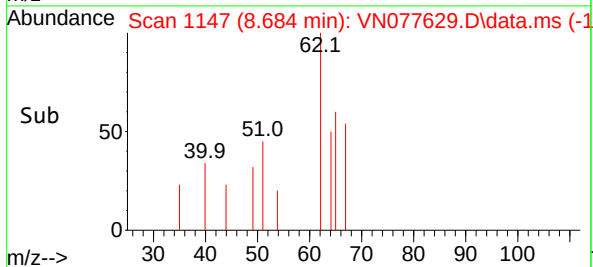
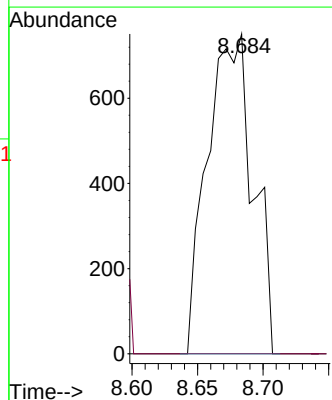
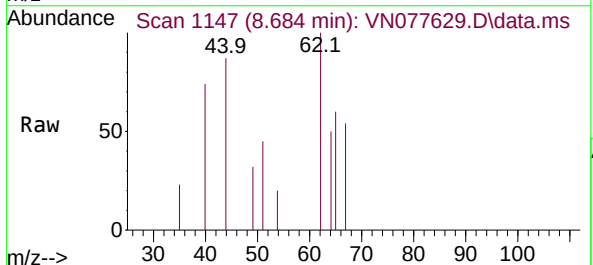
Instrument :
MSVOA_N
ClientSampleId :
IBLK

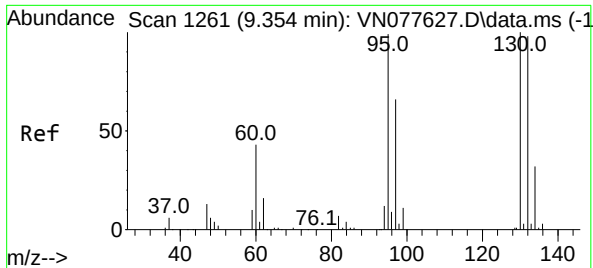
Tgt Ion:117 Resp: 55516
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.236 ug/l
RT: 8.684 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 62 Resp: 1817
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

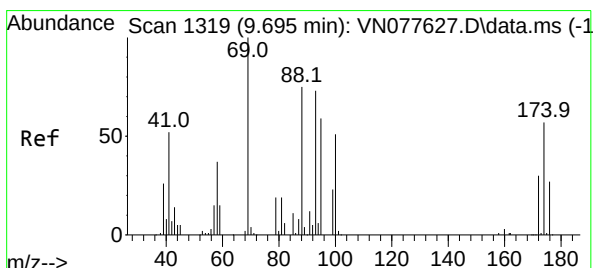
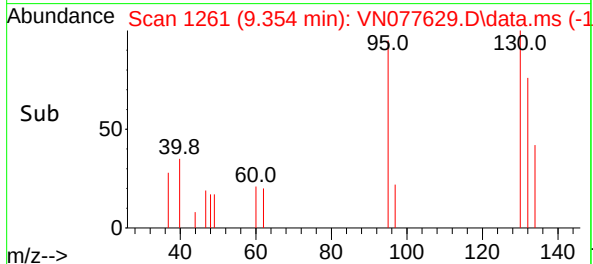
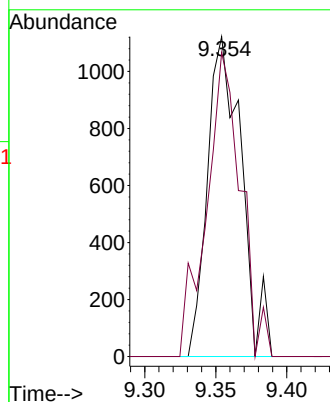
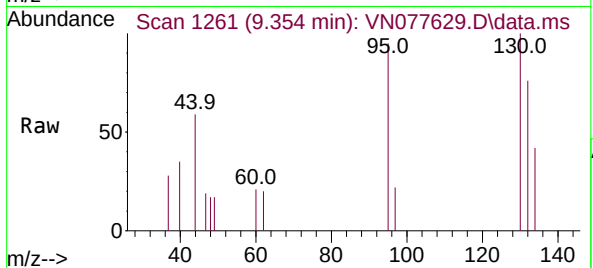




#44
Trichloroethene
Concen: 0.308 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

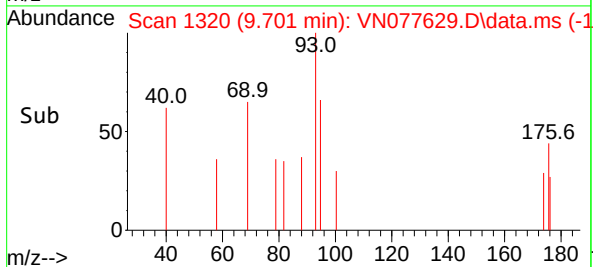
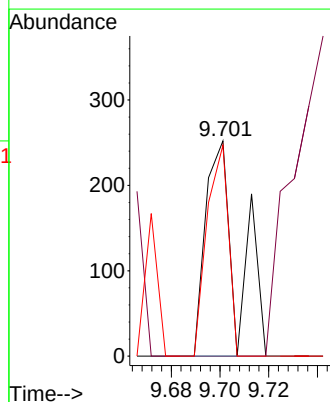
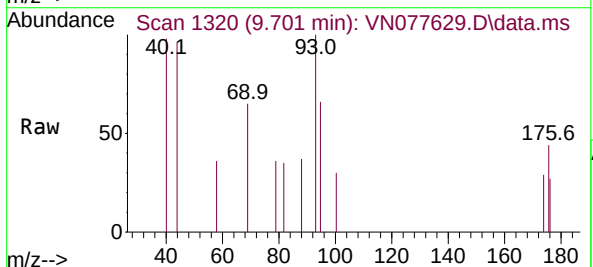
Instrument :
MSVOA_N
ClientSampleId :
IBLK

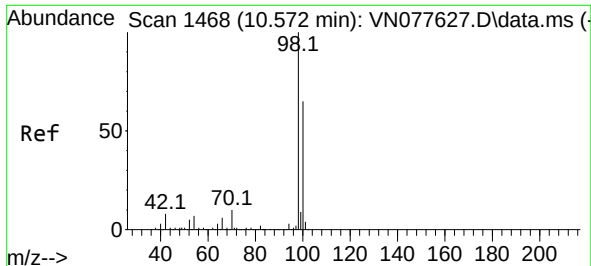
Tgt Ion:130 Resp: 1855
Ion Ratio Lower Upper
130 100
95 95.1 0.0 204.6



#49
1,4-Dioxane
Concen: 2.168 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 88 Resp: 230
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 65.7 47.0 70.4

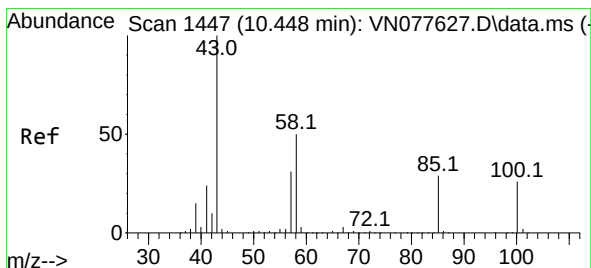
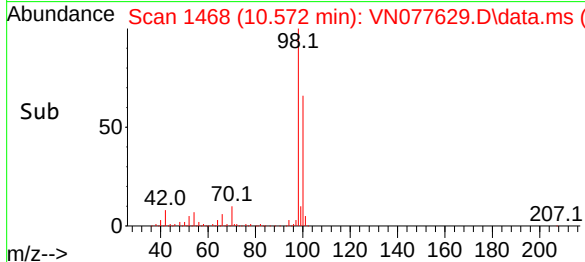
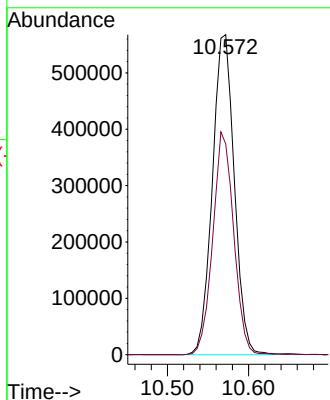
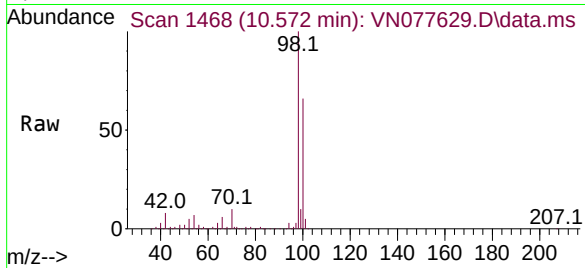




#50
Toluene-d8
Concen: 51.249 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

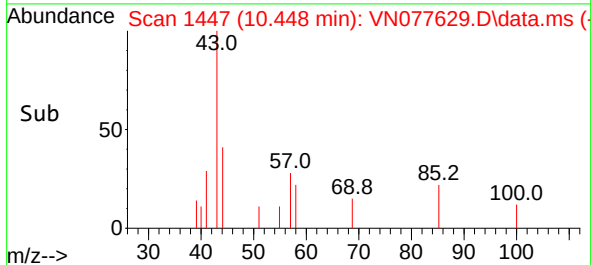
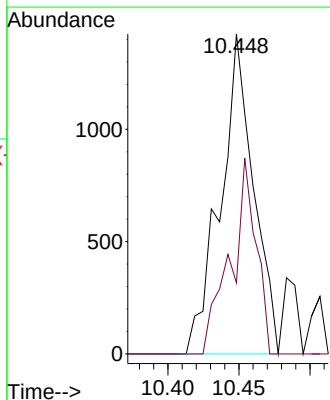
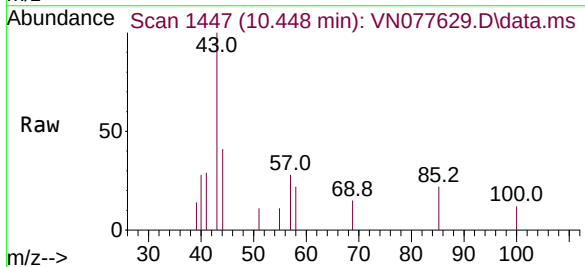
Instrument :
MSVOA_N
ClientSampleId :
IBLK

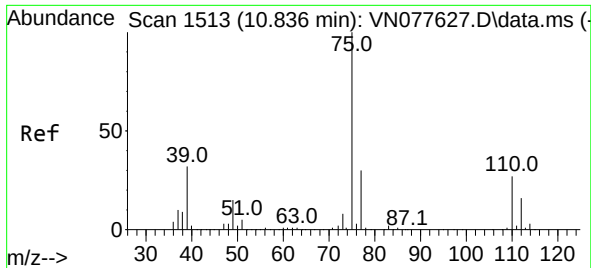
Tgt Ion: 98 Resp: 1065908
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
58 47.0 36.6 54.8

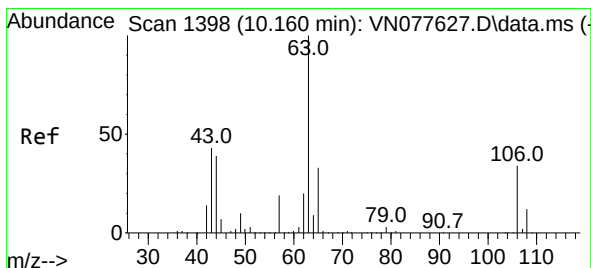
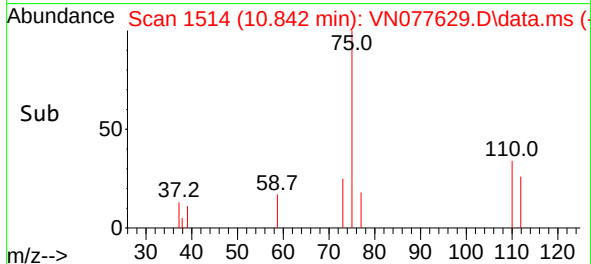
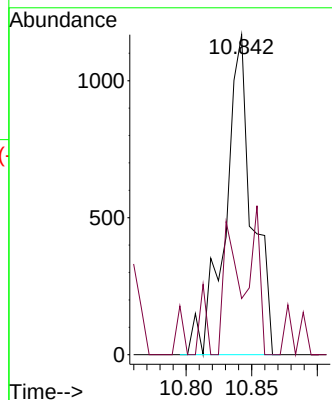
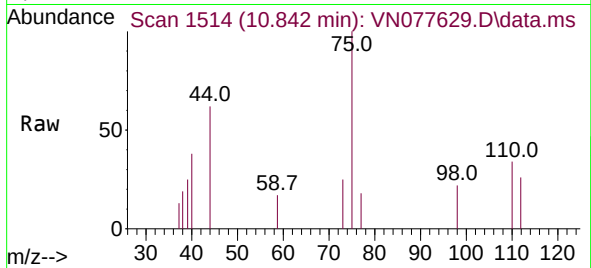




#53
t-1,3-Dichloropropene
Concen: 0.213 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

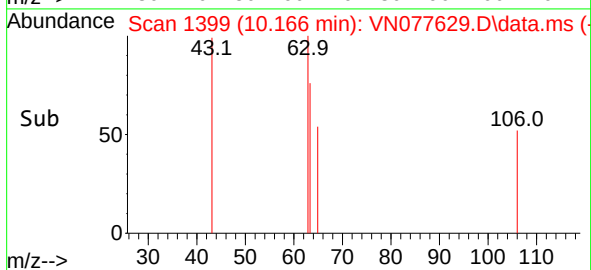
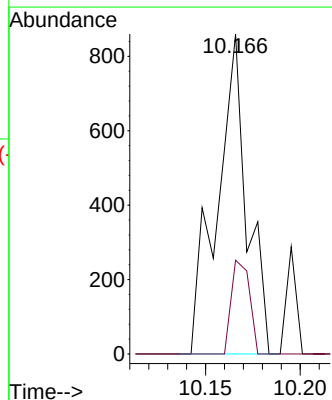
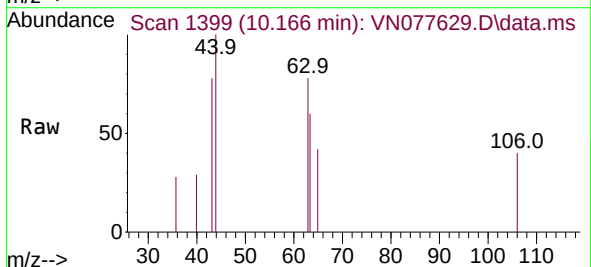
Instrument :
MSVOA_N
ClientSampleId :
IBLK

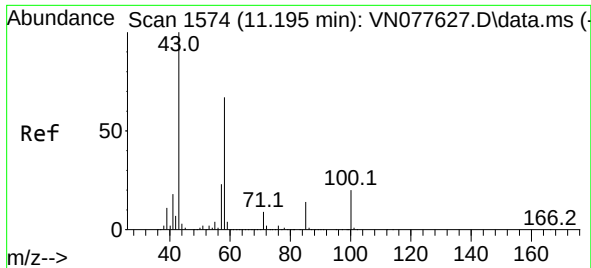
Tgt Ion: 75 Resp: 1664
Ion Ratio Lower Upper
75 100
77 17.6 25.4 38.0#



#58
2-Chloroethyl Vinyl ether
Concen: 4.180 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 63 Resp: 950
Ion Ratio Lower Upper
63 100
106 17.7 26.2 39.4#

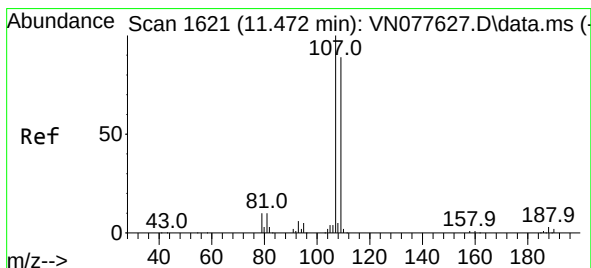
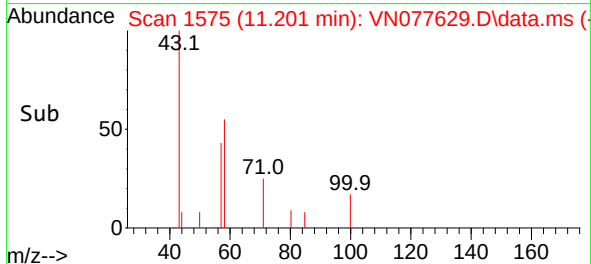
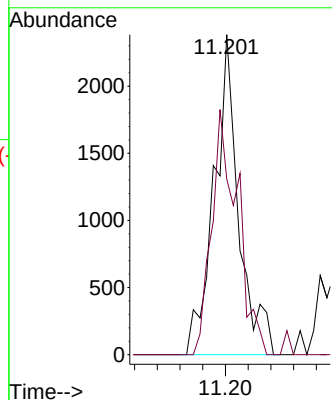
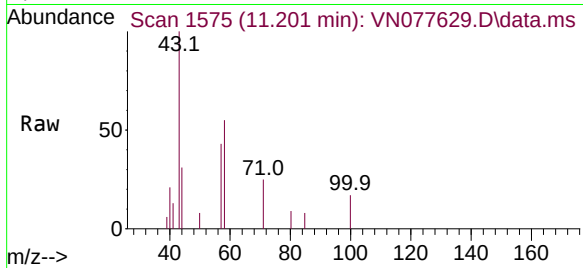




#59
2-Hexanone
Concen: 1.134 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

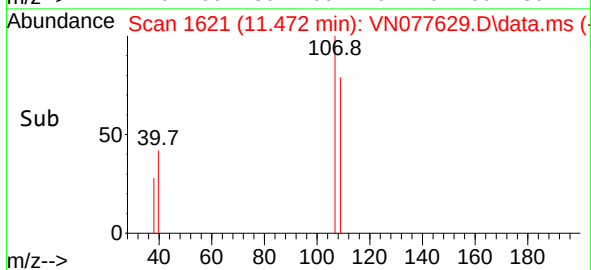
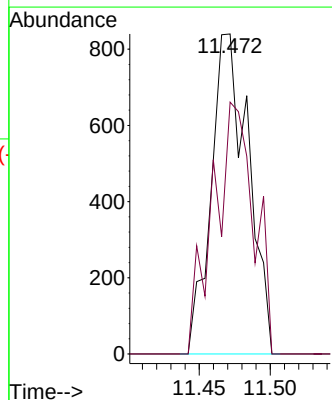
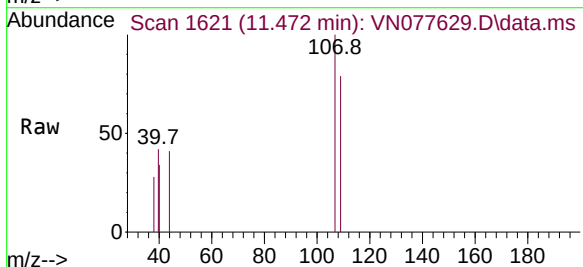
Instrument :
MSVOA_N
ClientSampleId :
IBLK

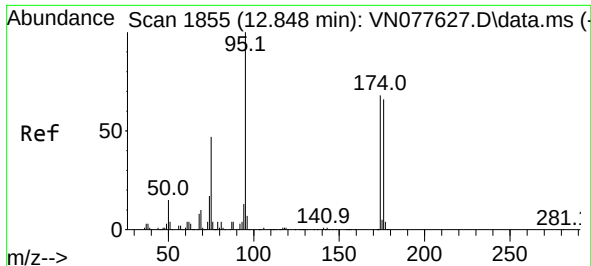
Tgt Ion: 43 Resp: 3583
Ion Ratio Lower Upper
43 100
58 81.2 31.7 95.1



#61
1,2-Dibromoethane
Concen: 0.262 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 107 Resp: 1522
Ion Ratio Lower Upper
107 100
109 86.3 76.6 114.8

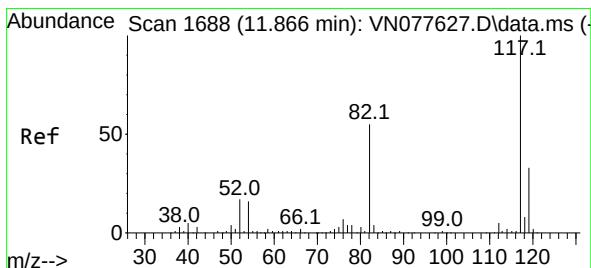
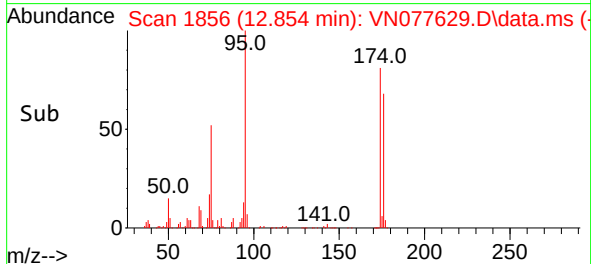
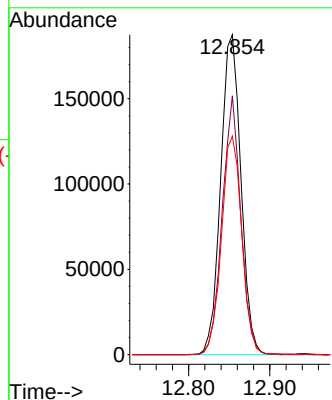
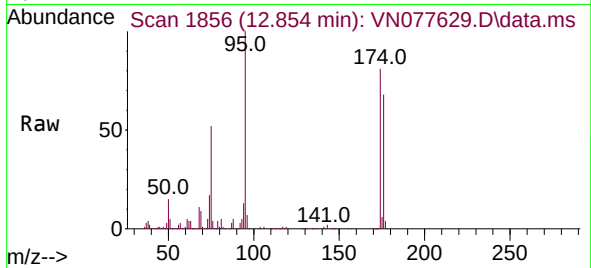




#62
4-Bromofluorobenzene
Concen: 46.255 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

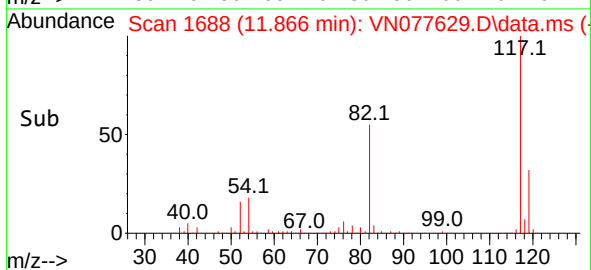
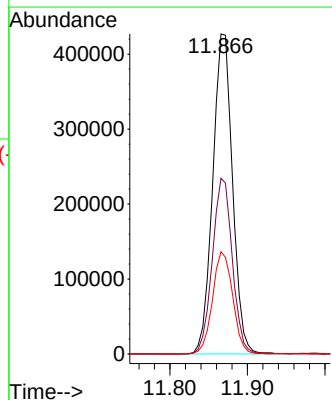
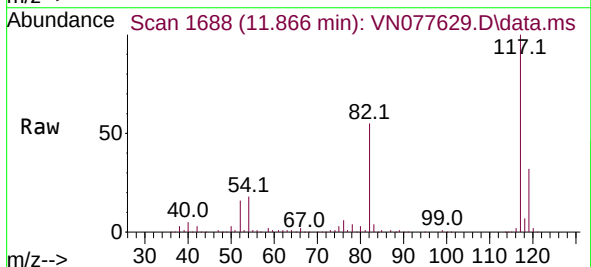
Instrument :
MSVOA_N
ClientSampleId :
IBLK

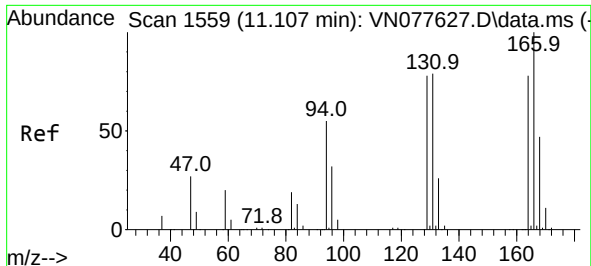
Tgt Ion: 95 Resp: 325383
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 68.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 117 Resp: 757929
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.9 25.6 38.4

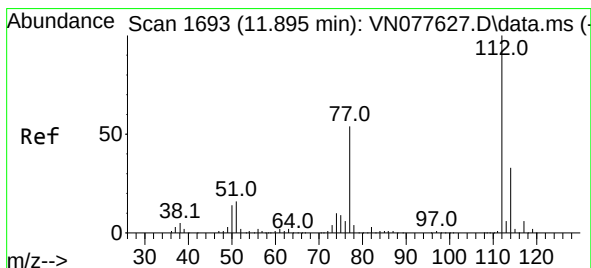
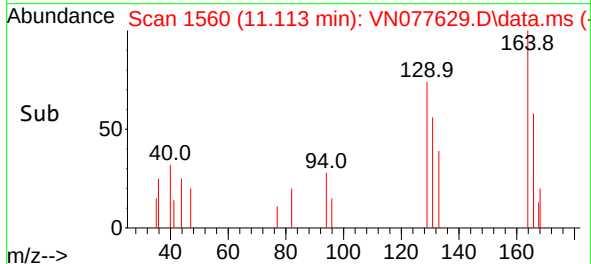
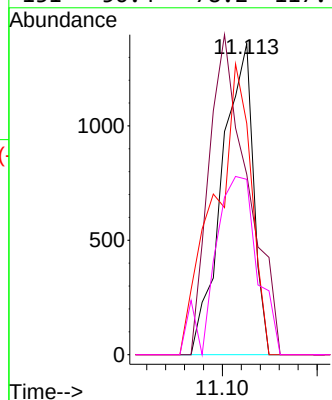
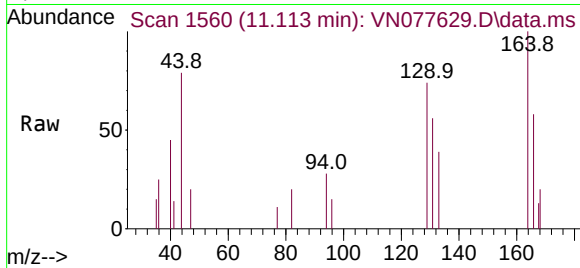




#64
Tetrachloroethene
Concen: 0.346 ug/l
RT: 11.113 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

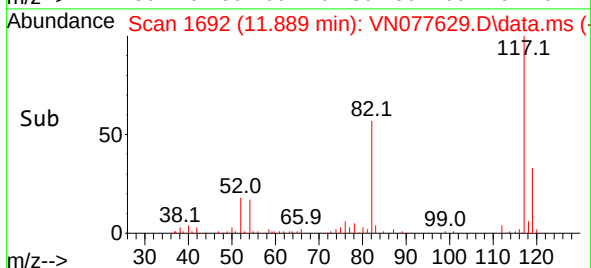
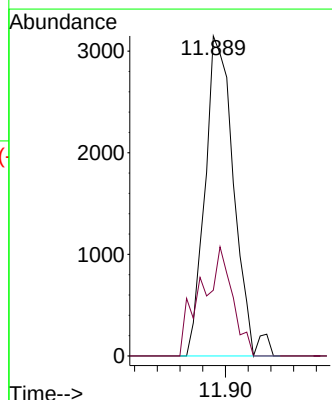
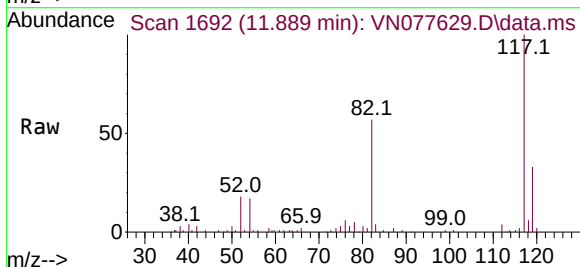
Instrument :
MSVOA_N
ClientSampleId :
IBLK

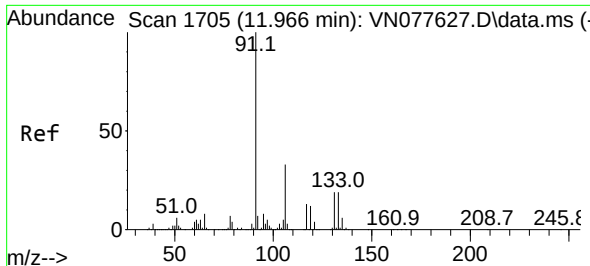
Tgt Ion:164 Resp: 1559
Ion Ratio Lower Upper
164 100
166 57.9 101.4 152.0#
129 74.3 82.4 123.6#
131 56.4 78.2 117.4#



#65
Chlorobenzene
Concen: 0.356 ug/l
RT: 11.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion:112 Resp: 5546
Ion Ratio Lower Upper
112 100
114 20.5 25.0 37.4#

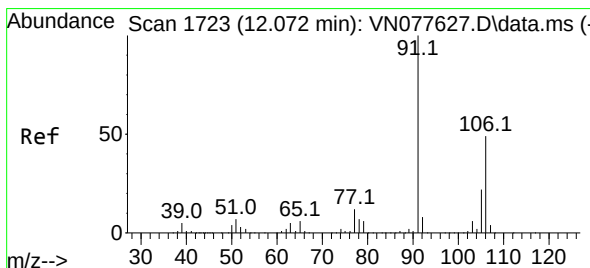
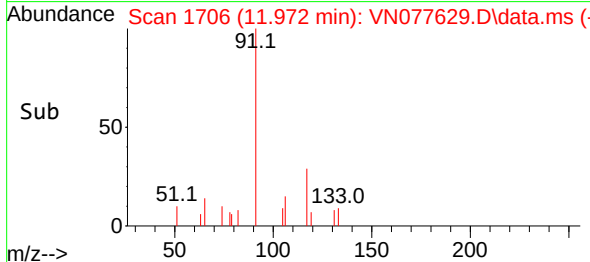
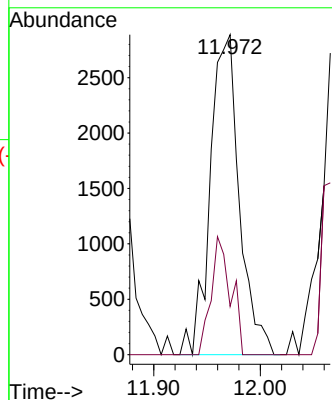
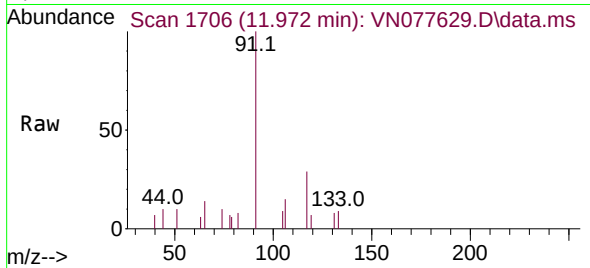




#67
Ethyl Benzene
Concen: 0.201 ug/l
RT: 11.972 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

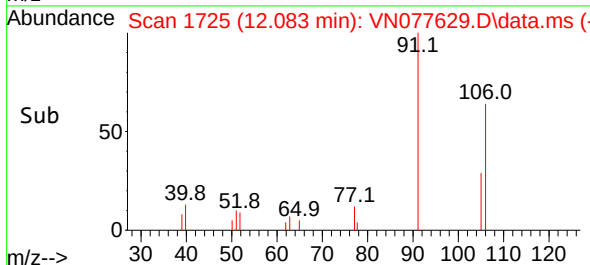
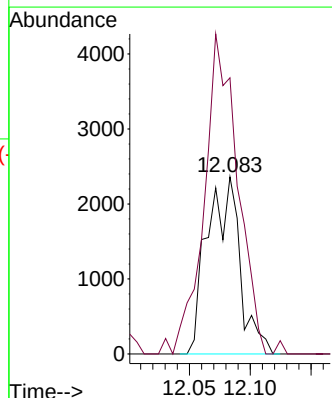
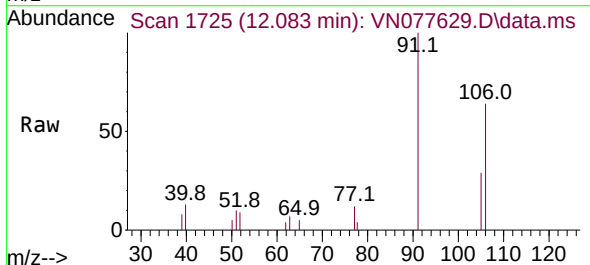
Instrument :
MSVOA_N
ClientSampleId :
IBLK

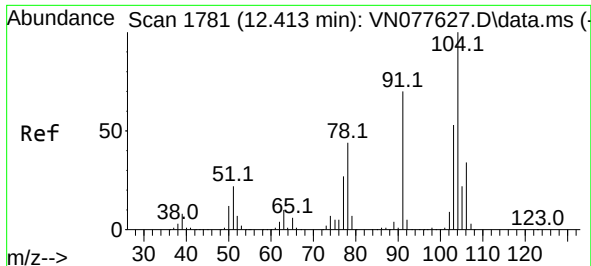
Tgt Ion: 91 Resp: 5496
Ion Ratio Lower Upper
91 100
106 15.1 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.407 ug/l
RT: 12.083 min Scan# 1725
Delta R.T. 0.011 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 106 Resp: 4407
Ion Ratio Lower Upper
106 100
91 185.8 159.6 239.4

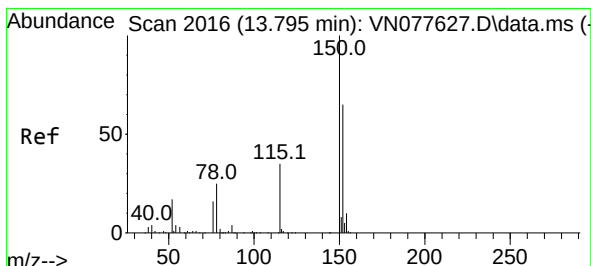
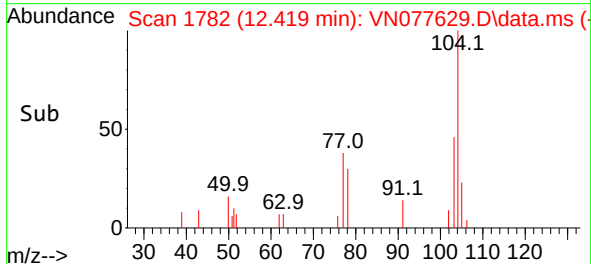
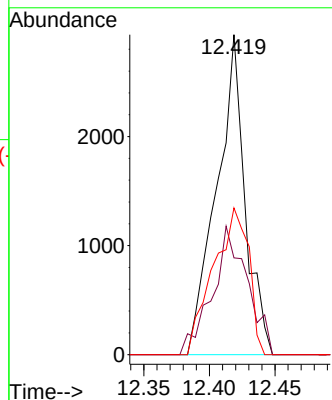
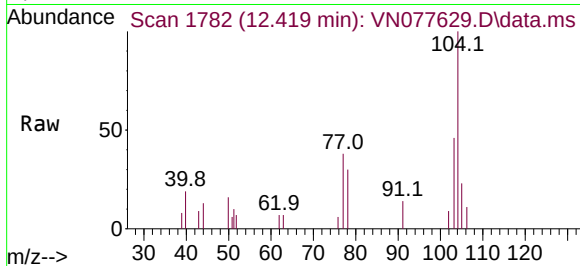




#70
Styrene
Concen: 0.267 ug/l
RT: 12.419 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

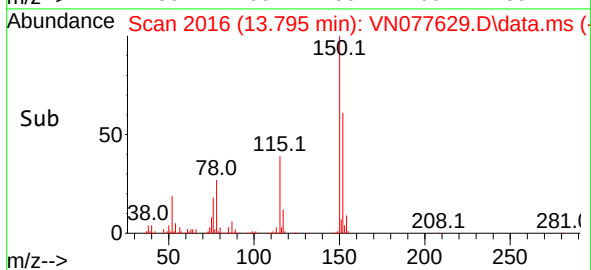
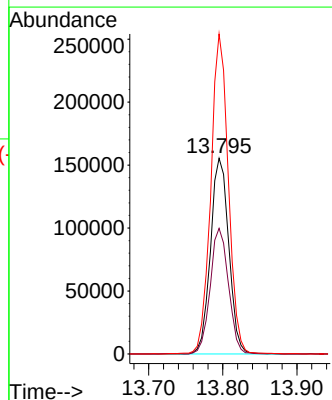
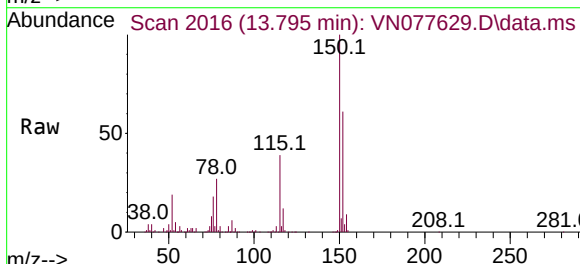
Instrument :
MSVOA_N
ClientSampleId :
IBLK

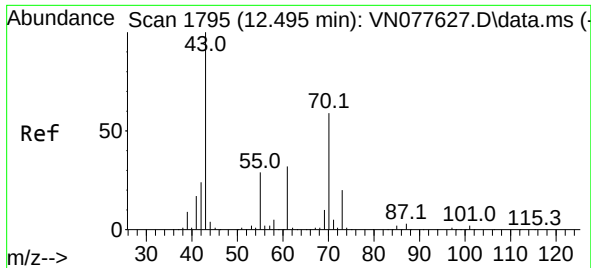
Tgt Ion:104 Resp: 4435
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 56.9 43.2 64.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion:152 Resp: 266417
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 157.0 0.0 355.8

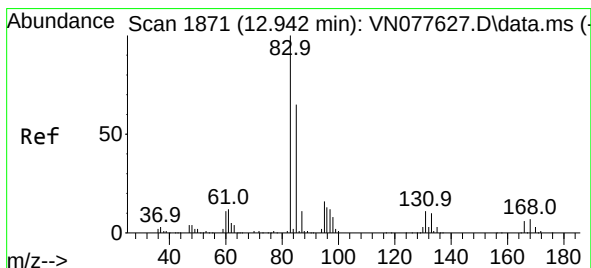
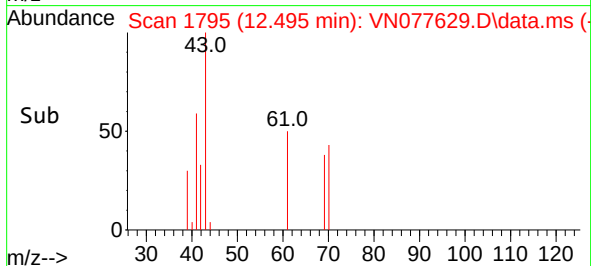
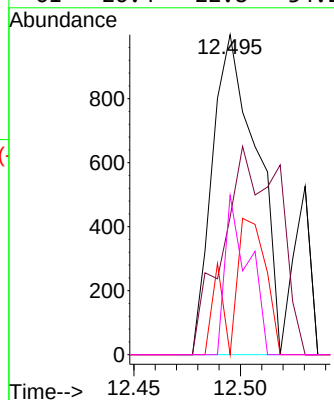
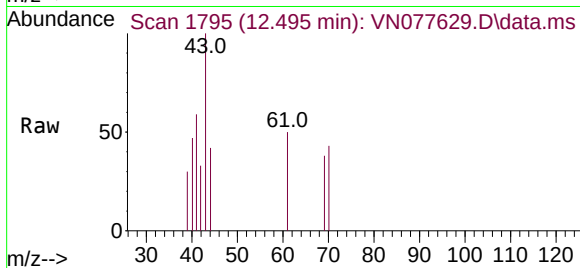




#74
N-amy1 acetate
Concen: 0.276 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

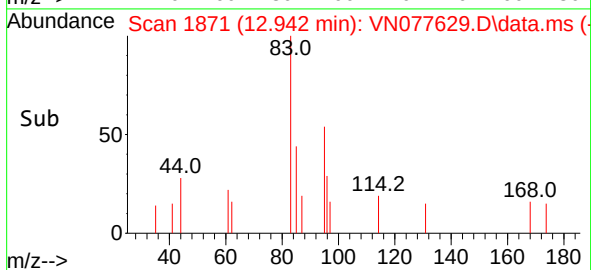
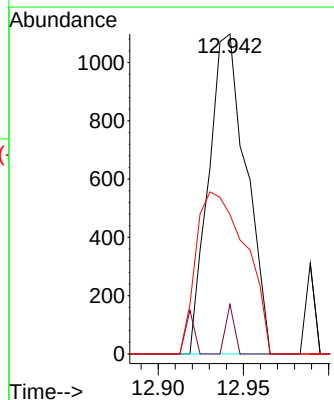
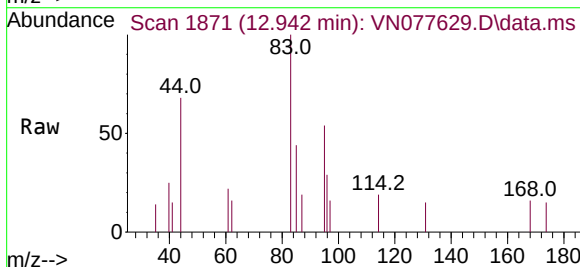
Instrument :
MSVOA_N
ClientSampleId :
IBLK

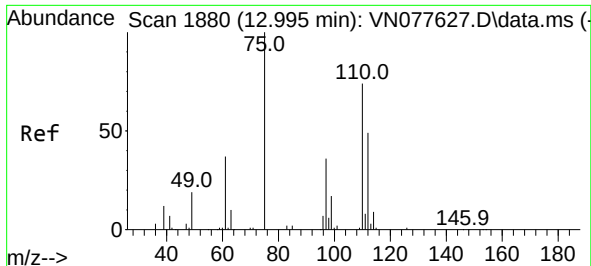
Tgt Ion:	43	Resp:	1448
Ion	Ratio	Lower	Upper
43	100		
70	81.8	43.4	65.2#
55	33.5	21.4	32.0#
61	26.4	22.8	34.2



#75
1,1,2,2-Tetrachloroethane
Concen: 0.257 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion:	83	Resp:	1682
Ion	Ratio	Lower	Upper
83	100		
131	3.6	5.0	15.0#
85	67.2	31.9	95.7

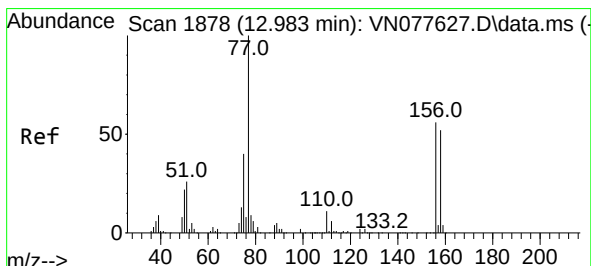
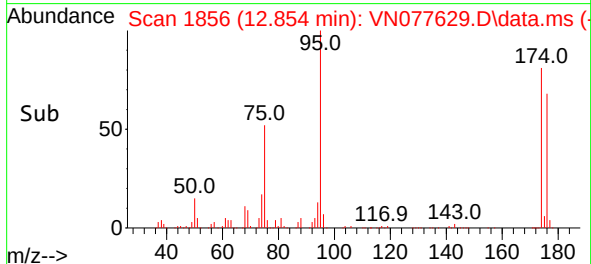
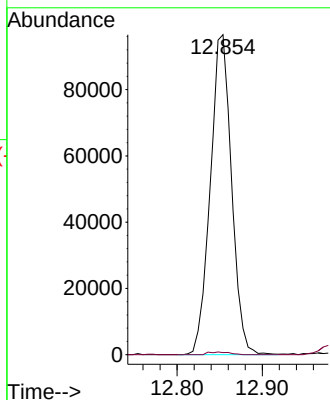
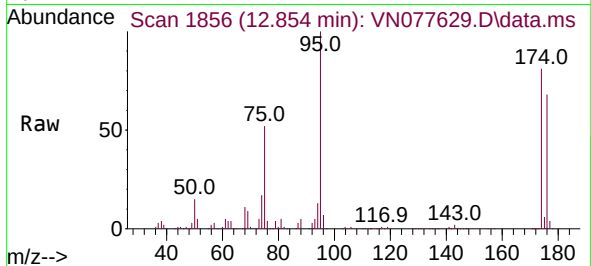




#76
1,2,3-Trichloropropane
Concen: 30.487 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

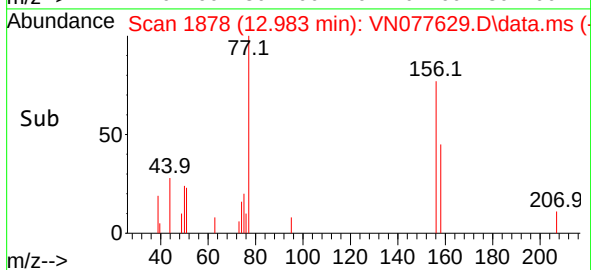
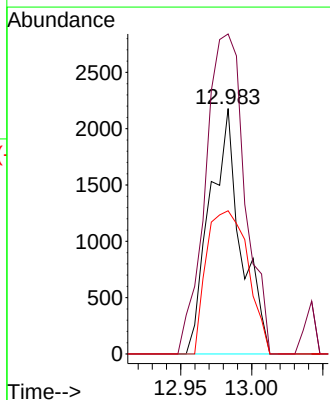
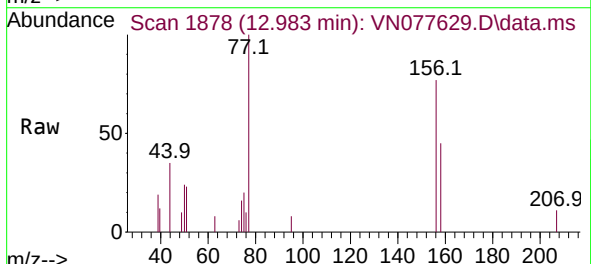
Instrument :
MSVOA_N
ClientSampleId :
IBLK

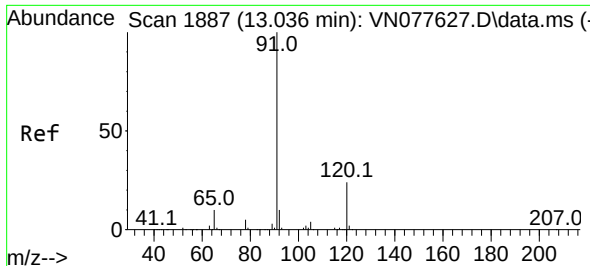
Tgt Ion: 75 Resp: 167617
Ion Ratio Lower Upper
75 100
77 0.8 84.5 253.5#



#77
Bromobenzene
Concen: 0.632 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion:156 Resp: 3325
Ion Ratio Lower Upper
156 100
77 165.4 107.7 323.3
158 77.9 48.4 145.3

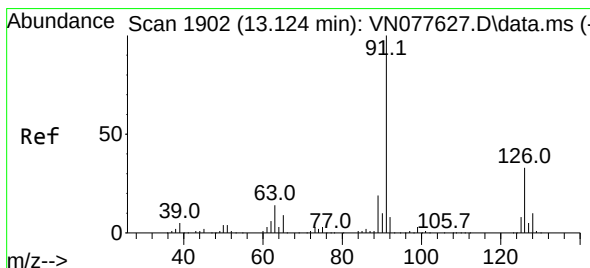
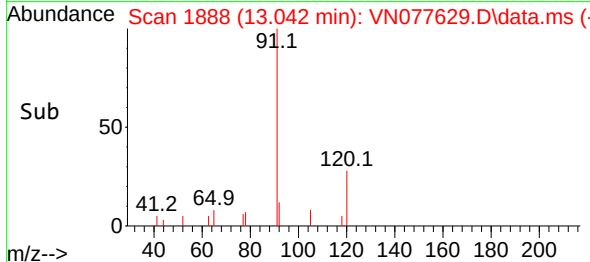
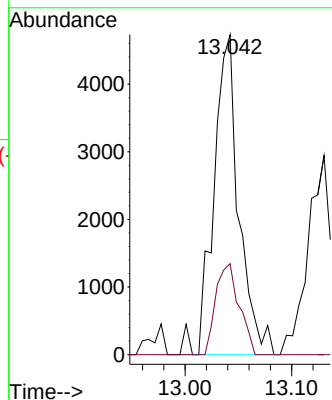
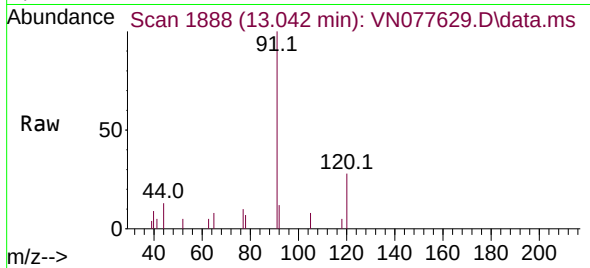




#78
n-propylbenzene
Concen: 0.304 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

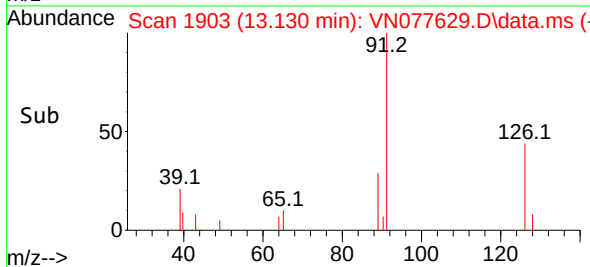
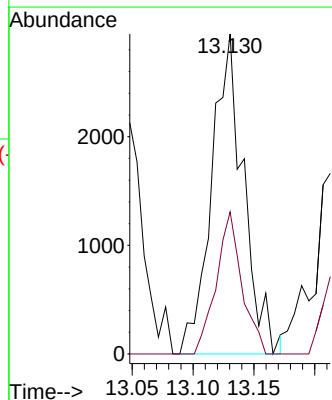
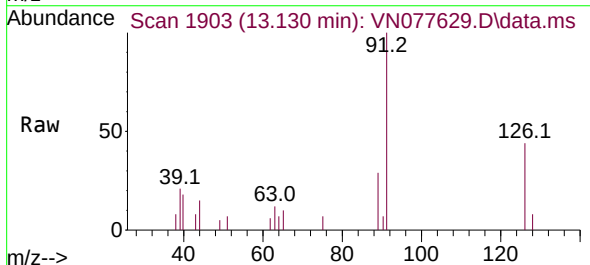
Instrument :
MSVOA_N
ClientSampleId :
IBLK

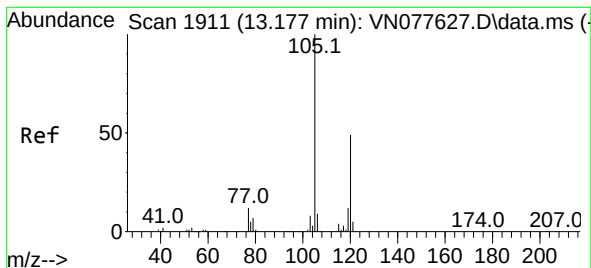
Tgt Ion: 91 Resp: 7751
Ion Ratio Lower Upper
91 100
120 26.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.331 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 91 Resp: 5383
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.213 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

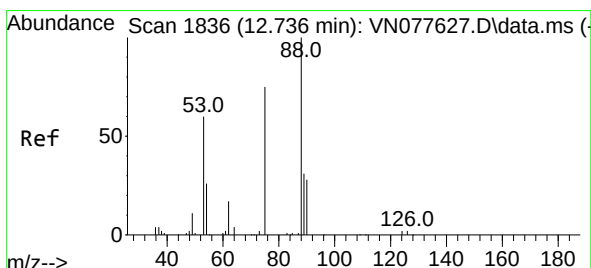
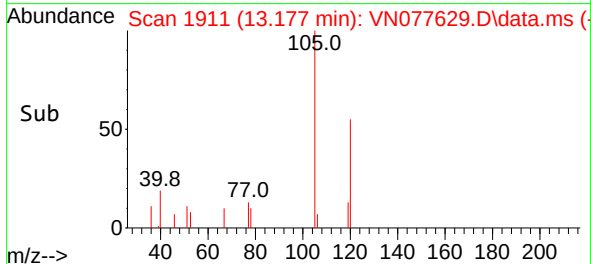
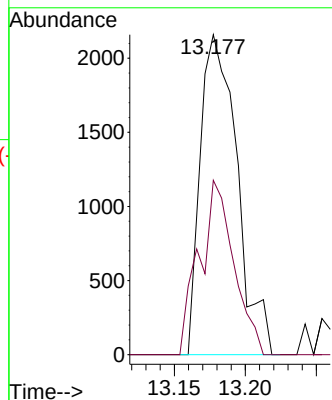
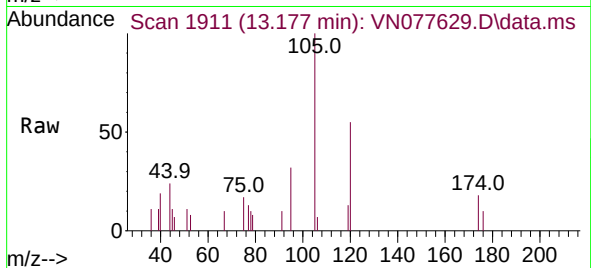
IBLK

Tgt Ion:105 Resp: 3874

Ion Ratio Lower Upper

105 100

120 51.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 97.076 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.118 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

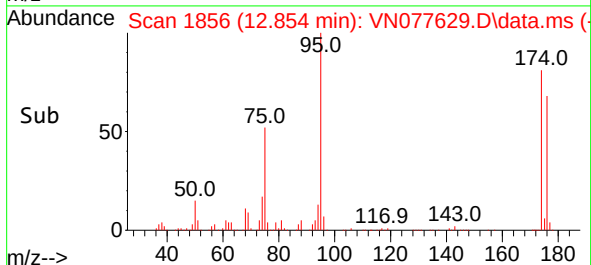
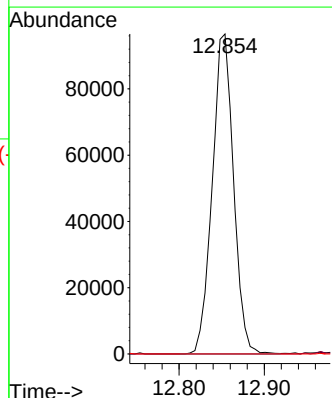
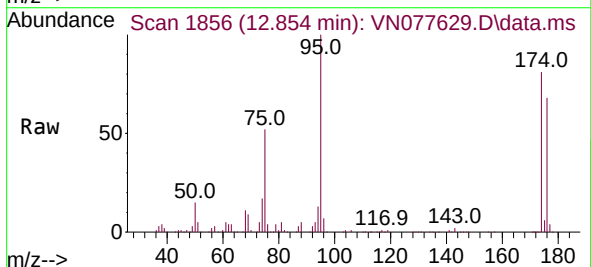
Tgt Ion: 75 Resp: 167617

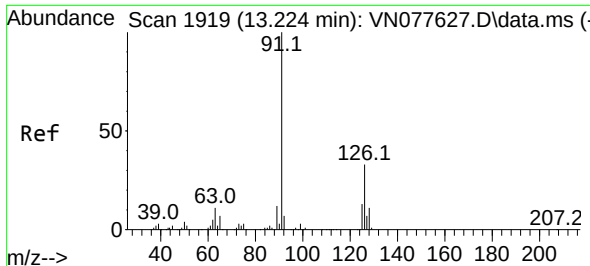
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

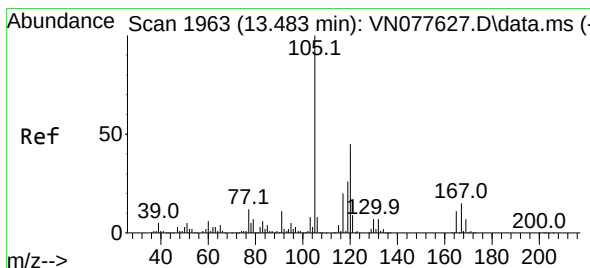
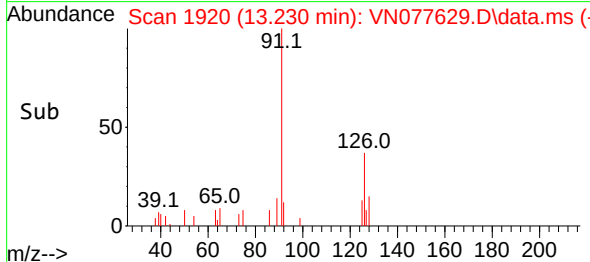
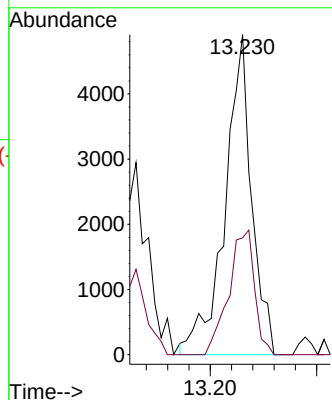
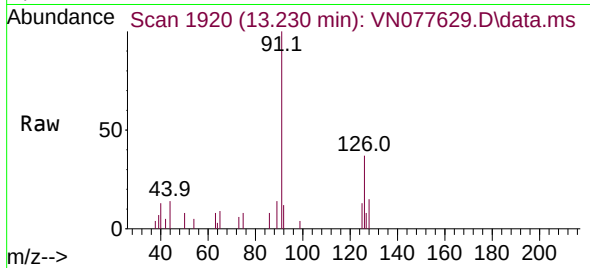




#82
4-Chlorotoluene
Concen: 0.559 ug/l
RT: 13.230 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

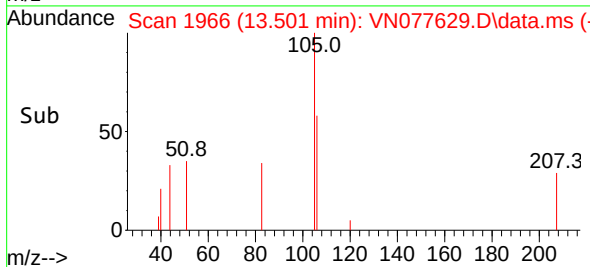
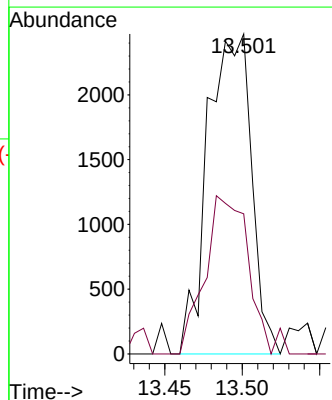
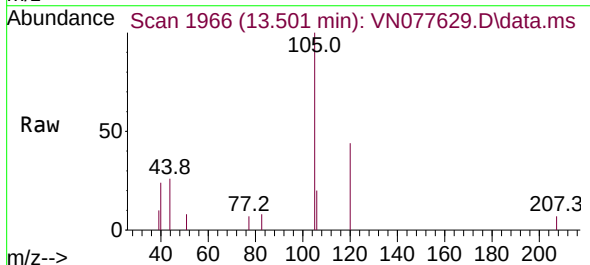
Instrument :
MSVOA_N
ClientSampleId :
IBLK

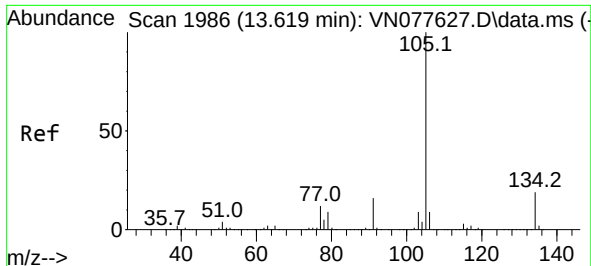
Tgt Ion: 91 Resp: 8524
Ion Ratio Lower Upper
91 100
126 37.7 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.283 ug/l
RT: 13.501 min Scan# 1966
Delta R.T. 0.018 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion: 105 Resp: 4837
Ion Ratio Lower Upper
105 100
120 49.8 22.0 66.0

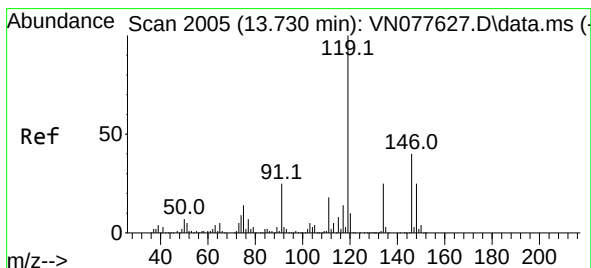
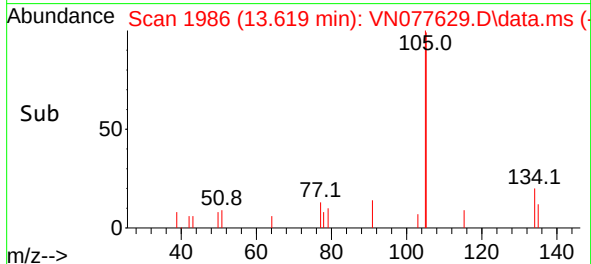
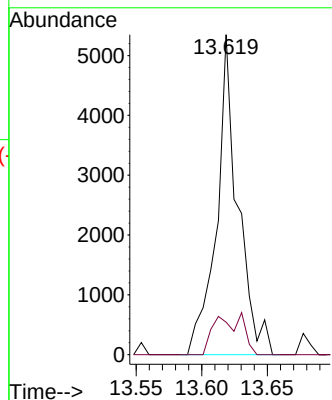
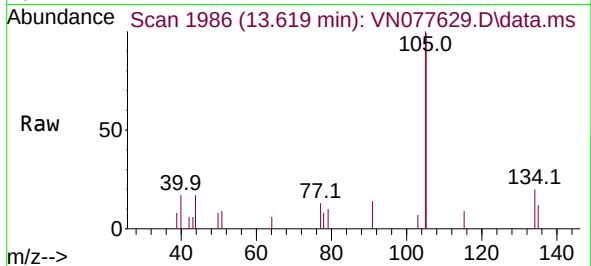




#85
 sec-Butylbenzene
 Concen: 0.262 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077629.D
 Acq: 09 May 2023 13:22

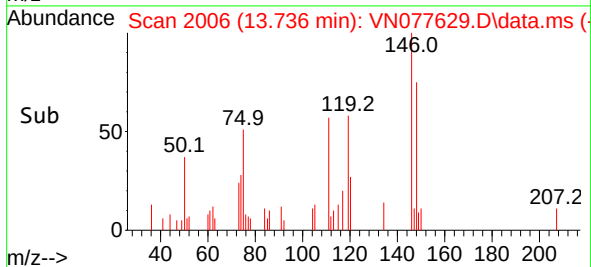
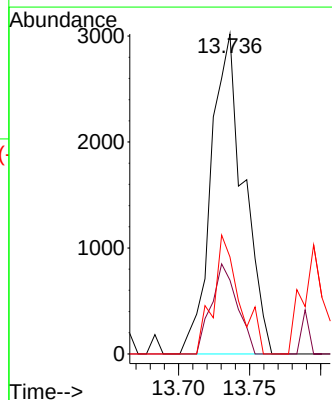
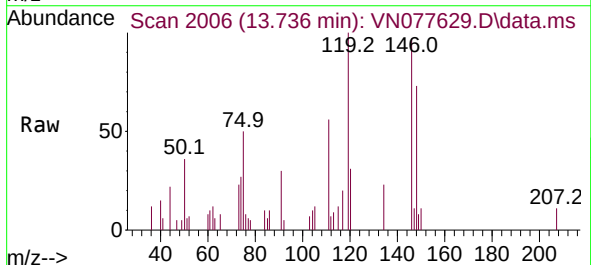
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

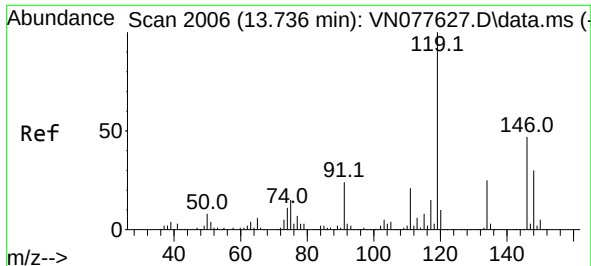
Tgt Ion:105 Resp: 6016
 Ion Ratio Lower Upper
 105 100
 134 16.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.267 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077629.D
 Acq: 09 May 2023 13:22

Tgt Ion:119 Resp: 4806
 Ion Ratio Lower Upper
 119 100
 134 22.4 12.6 37.8
 91 29.6 12.4 37.2

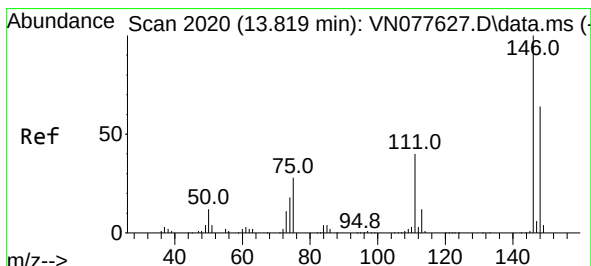
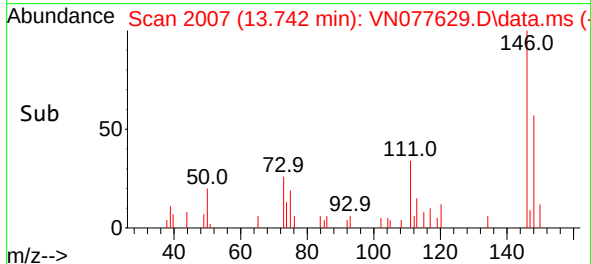
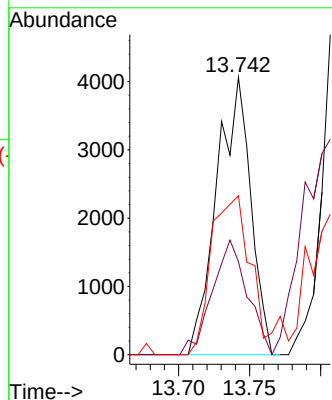
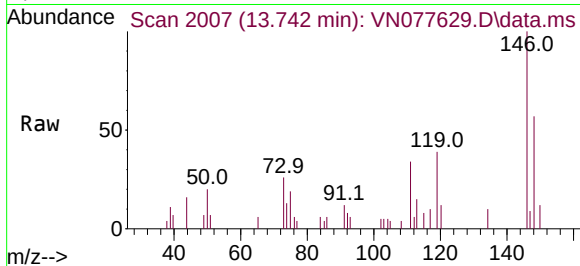




#87
 1,3-Dichlorobenzene
 Concen: 0.738 ug/l
 RT: 13.742 min Scan# 2007
 Delta R.T. 0.006 min
 Lab File: VN077629.D
 Acq: 09 May 2023 13:22

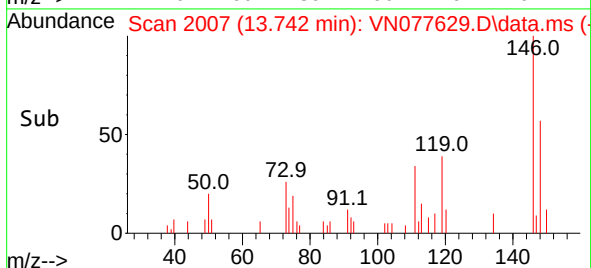
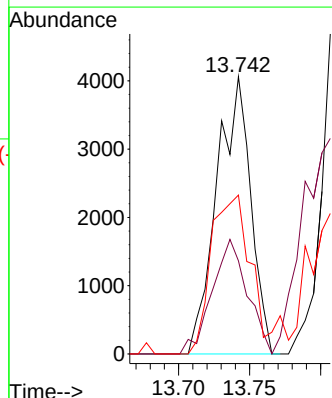
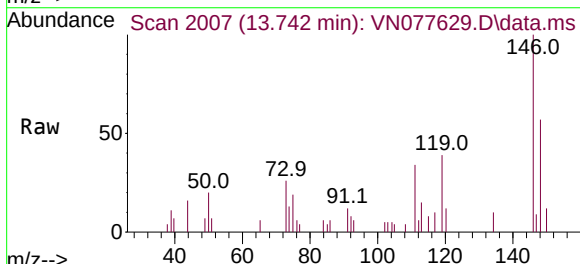
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

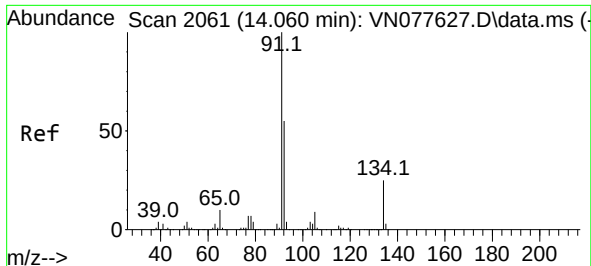
Tgt Ion:146 Resp: 6749
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.3
 148 66.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.742 ug/l
 RT: 13.742 min Scan# 2007
 Delta R.T. -0.077 min
 Lab File: VN077629.D
 Acq: 09 May 2023 13:22

Tgt Ion:146 Resp: 6749
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.6 61.8
 148 66.5 31.6 94.8

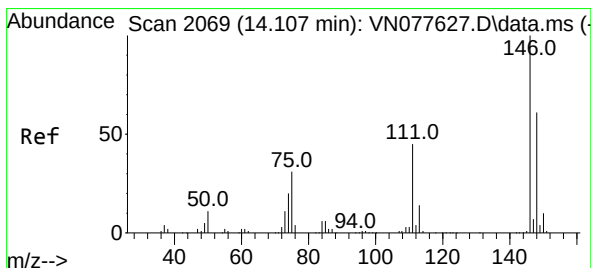
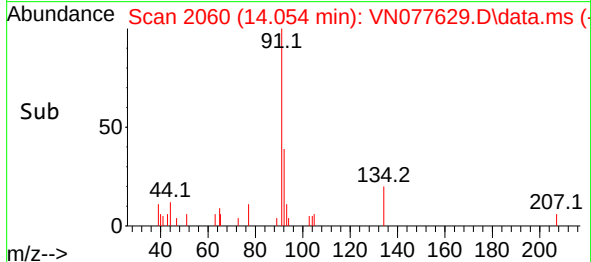
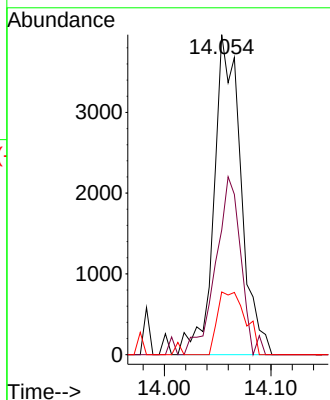
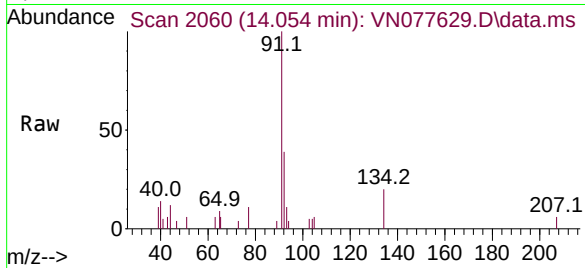




#89
n-Butylbenzene
Concen: 0.487 ug/l
RT: 14.054 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

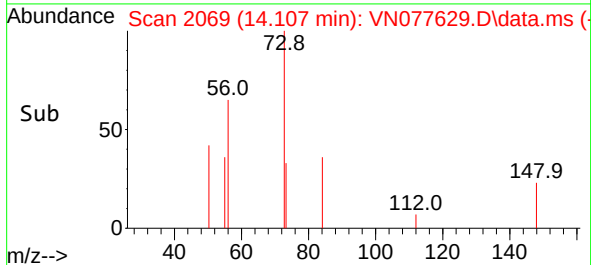
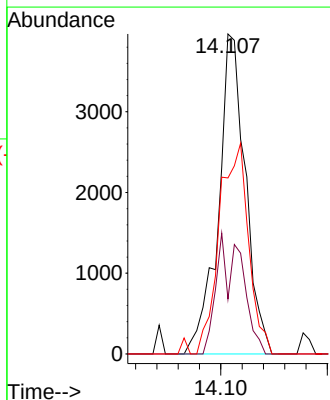
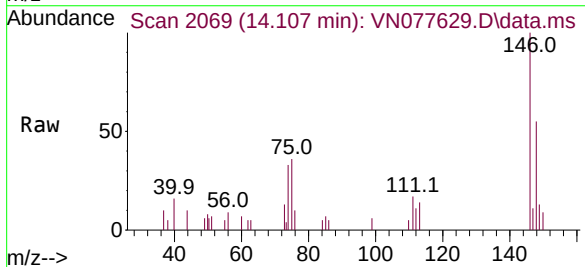
Instrument :
MSVOA_N
ClientSampleId :
IBLK

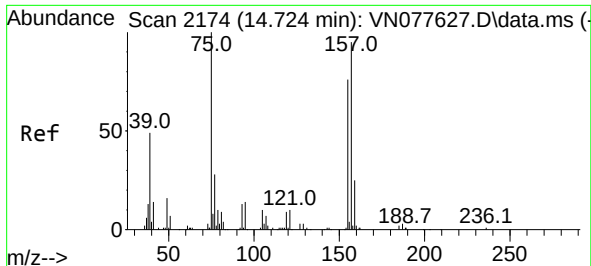
Tgt Ion: 91 Resp: 6937
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 20.5 12.6 37.6



#91
1,2-Dichlorobenzene
Concen: 0.768 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion:146 Resp: 6989
Ion Ratio Lower Upper
146 100
111 16.5 22.0 66.0#
148 71.2 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.522 ug/l

RT: 14.730 min Scan# 2175

Delta R.T. 0.006 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

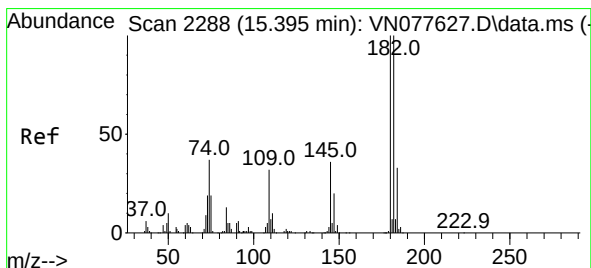
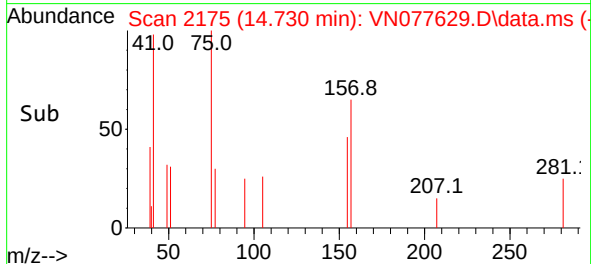
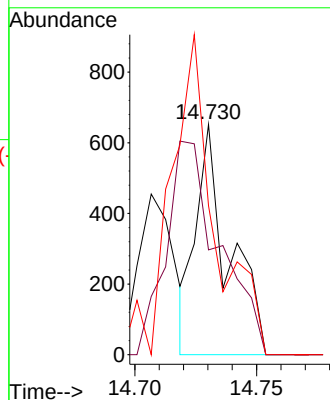
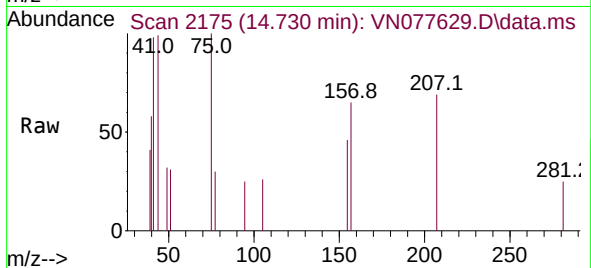
Tgt Ion: 75 Resp: 604

Ion Ratio Lower Upper

75 100

155 151.8 39.1 117.2#

157 187.7 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 6.217 ug/l

RT: 15.389 min Scan# 2287

Delta R.T. -0.006 min

Lab File: VN077629.D

Acq: 09 May 2023 13:22

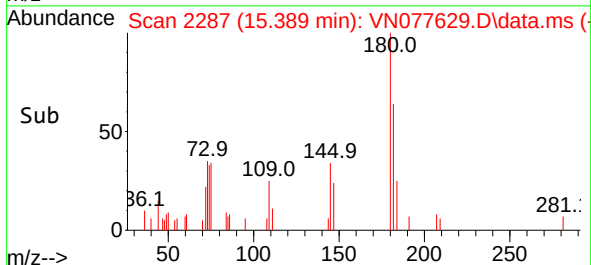
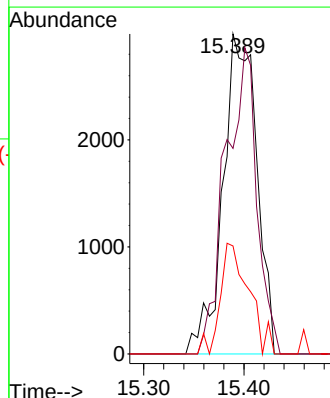
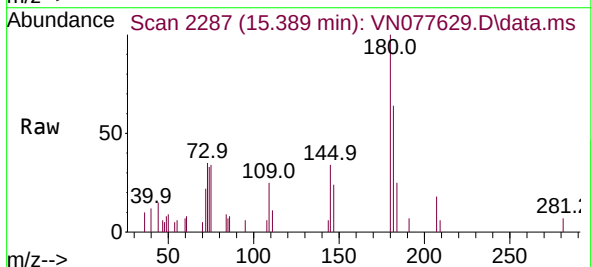
Tgt Ion:180 Resp: 6998

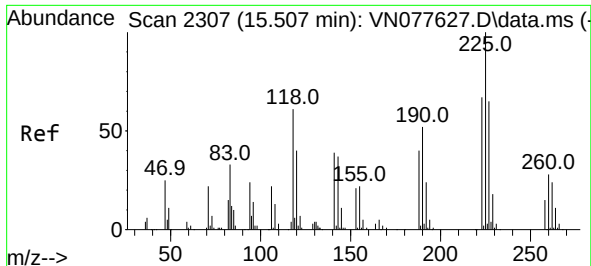
Ion Ratio Lower Upper

180 100

182 88.7 46.1 138.2

145 29.2 16.6 49.8

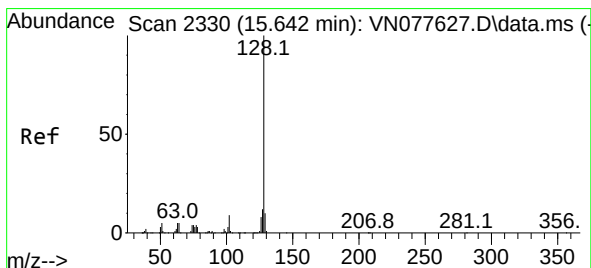
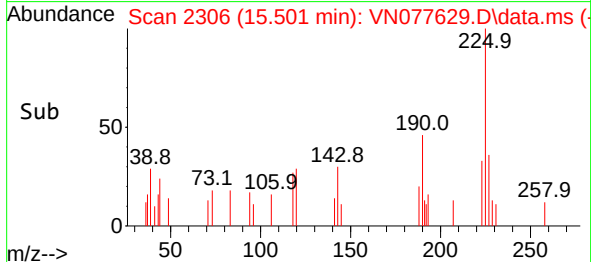
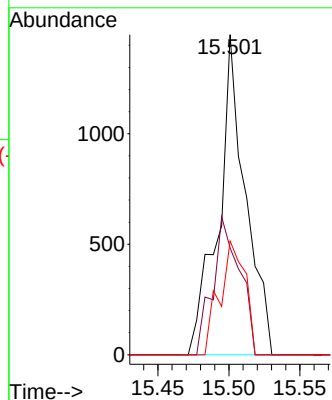
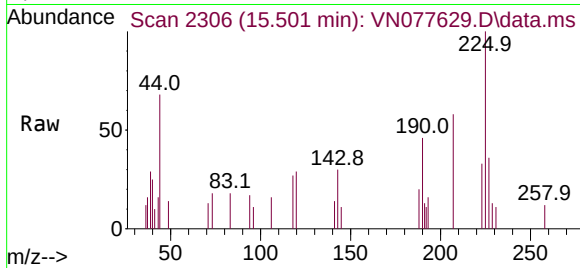




#94
Hexachlorobutadiene
Concen: 0.986 ug/l
RT: 15.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

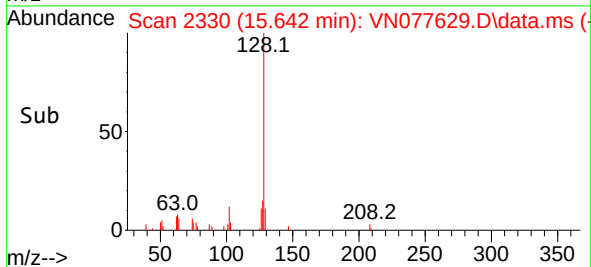
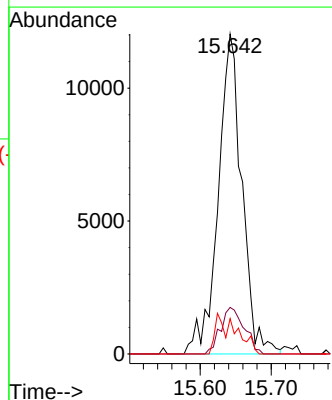
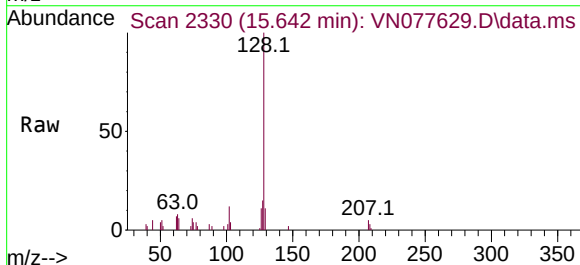
Instrument :
MSVOA_N
ClientSampleId :
IBLK

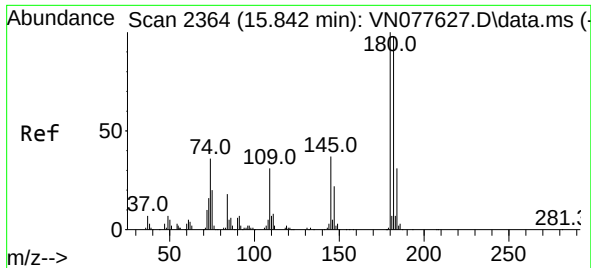
Tgt Ion:	225	Resp:	1916
Ion	Ratio	Lower	Upper
225	100		
223	43.0	31.3	93.8
227	33.4	31.9	95.9



#95
Naphthalene
Concen: 6.616 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077629.D
Acq: 09 May 2023 13:22

Tgt Ion:	128	Resp:	27884
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.0	15.0
129	4.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 6.772 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077629.D
 Acq: 09 May 2023 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	9038
Ion	Ratio	Lower	Upper
180	100		
182	113.5	46.2	138.6
145	36.0	17.5	52.6

