

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075669.D
 Acq On : 09 Dec 2022 14:57
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 12 05:20:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	209542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	297653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115192	51.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.620%	
35) Dibromofluoromethane	8.171	113	105260	50.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.200%	
50) Toluene-d8	10.570	98	389473	49.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.853	95	124765	46.714	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	381	0.247	ug/l #	43
3) Chloromethane	2.377	50	789	0.430	ug/l	88
4) Vinyl Chloride	2.524	62	512	0.227	ug/l #	53
5) Bromomethane	2.936	94	1257	0.654	ug/l	95
7) Trichlorofluoromethane	3.494	101	922	0.282	ug/l	99
11) Tert butyl alcohol	5.512	59	1638	4.980	ug/l #	72
13) Acrolein	4.177	56	290	0.766	ug/l #	81
15) Acrylonitrile	5.718	53	420	0.494	ug/l #	18
16) Acetone	4.453	43	1335	1.773	ug/l	97
17) Carbon Disulfide	4.724	76	3138	0.661	ug/l #	70
18) Methyl Acetate	5.053	43	2006	0.829	ug/l #	61
20) Methylene Chloride	5.277	84	1231	0.548	ug/l #	78
21) trans-1,2-Dichloroethene	5.794	96	678	0.338	ug/l #	30
23) Vinyl Acetate	6.618	43	2435	0.628	ug/l #	65
25) 2-Butanone	7.500	43	1620	1.472	ug/l #	82
27) cis-1,2-Dichloroethene	7.488	96	552	0.227	ug/l	85
29) Tetrahydrofuran	7.835	42	272	0.401	ug/l #	65
31) Cyclohexane	8.229	56	4285	1.302	ug/l #	42
36) 1,1-Dichloropropene	8.377	75	1068	0.387	ug/l #	45
38) Carbon Tetrachloride	8.229	117	20579	6.457	ug/l #	16
39) Methylcyclohexane	9.600	83	1290	0.368	ug/l #	83
40) Benzene	8.606	78	1808	0.213	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	593	0.209	ug/l #	71
44) Trichloroethene	9.359	130	821	0.343	ug/l	48
48) Methyl methacrylate	9.688	41	436	0.256	ug/l #	49
49) 1,4-Dioxane	9.700	88	235	5.670	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	2283	1.000	ug/l	90
52) Toluene	10.635	92	1552	0.277	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	706	0.217	ug/l #	66
58) 2-Chloroethyl Vinyl ether	10.159	63	523	0.593	ug/l #	41
59) 2-Hexanone	11.200	43	3516	2.120	ug/l	91
64) Tetrachloroethene	11.106	164	857	0.395	ug/l #	76
65) Chlorobenzene	11.894	112	2898	0.473	ug/l	98
67) Ethyl Benzene	11.965	91	3445	0.333	ug/l	90
68) m/p-Xylenes	12.076	106	3094	0.739	ug/l	95
69) o-Xylene	12.406	106	1236	0.304	ug/l	97

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

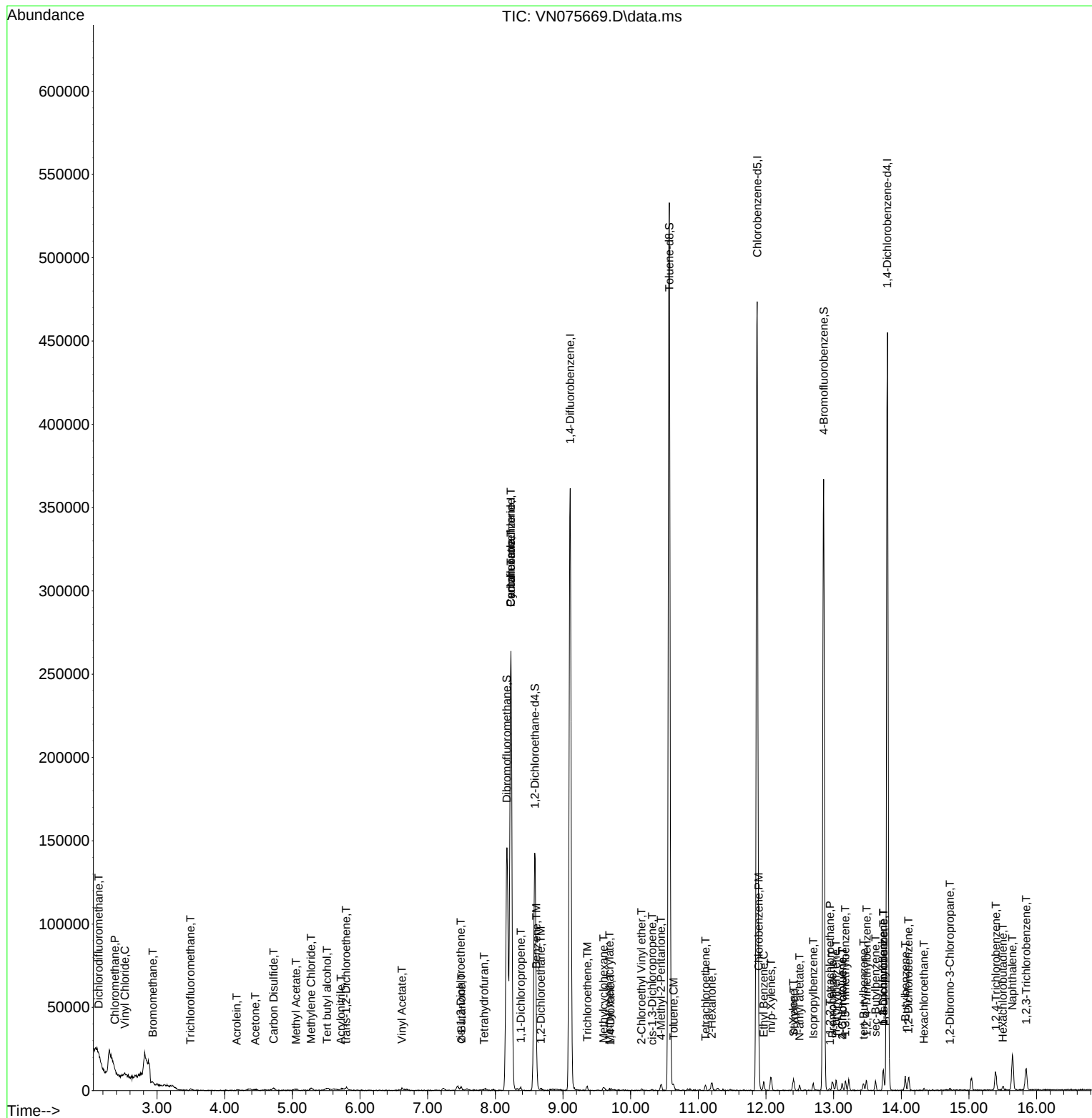
70) Styrene	12.412	104	2505	0.384	ug/l	94
73) Isopropylbenzene	12.700	105	3216	0.338	ug/l	99
74) N-amyl acetate	12.494	43	1507	0.545	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	889	0.311	ug/l #	87
77) Bromobenzene	12.982	156	1416	0.592	ug/l	91
78) n-propylbenzene	13.035	91	5252	0.497	ug/l	97
79) 2-Chlorotoluene	13.129	91	3553	0.545	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	3181	0.400	ug/l	96
82) 4-Chlorotoluene	13.129	91	3553	0.545	ug/l	95
83) tert-Butylbenzene	13.441	119	2920	0.405	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	3801	0.475	ug/l	96
85) sec-Butylbenzene	13.617	105	4548	0.459	ug/l	92
86) p-Isopropyltoluene	13.735	119	3622	0.436	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	4211	0.941	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	4211	0.925	ug/l	91
89) n-Butylbenzene	14.059	91	5408	0.813	ug/l	95
90) Hexachloroethane	14.335	117	318	0.224	ug/l #	10
91) 1,2-Dichlorobenzene	14.106	146	3992	0.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	341	0.726	ug/l	70
93) 1,2,4-Trichlorobenzene	15.400	180	5150	2.409	ug/l	93
94) Hexachlorobutadiene	15.500	225	895	0.738	ug/l	86
95) Naphthalene	15.641	128	22327	3.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	5866	2.792	ug/l	93

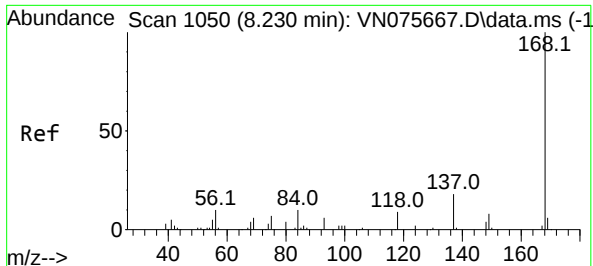
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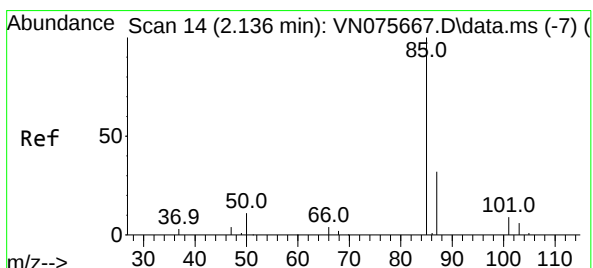
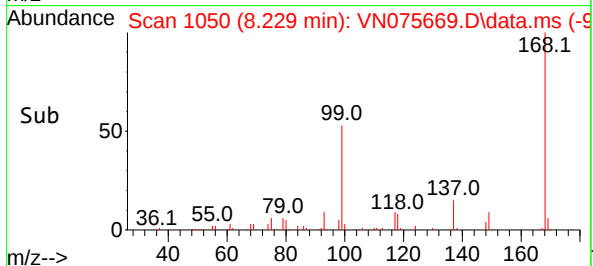
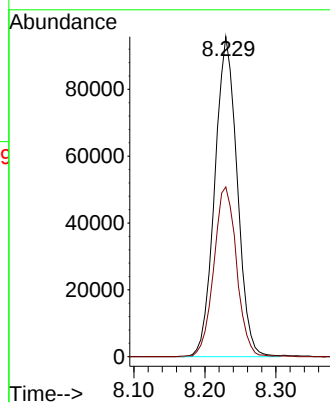
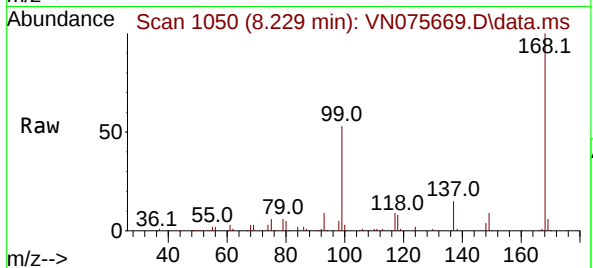




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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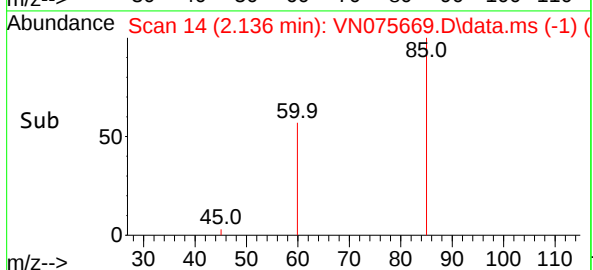
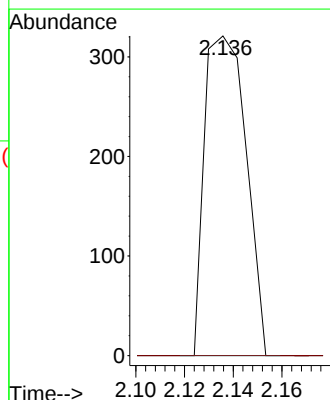
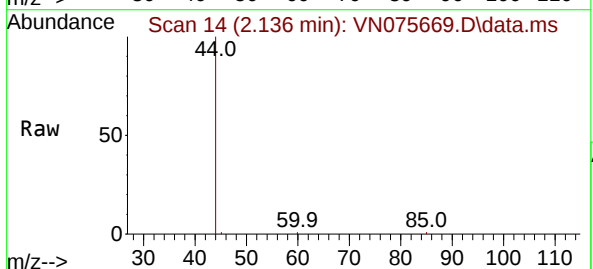
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ClientSampleId :
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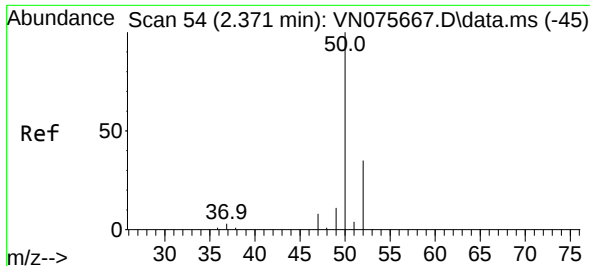
Tgt Ion:168 Resp: 209542
Ion Ratio Lower Upper
168 100
99 52.9 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 0.247 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 85 Resp: 381
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

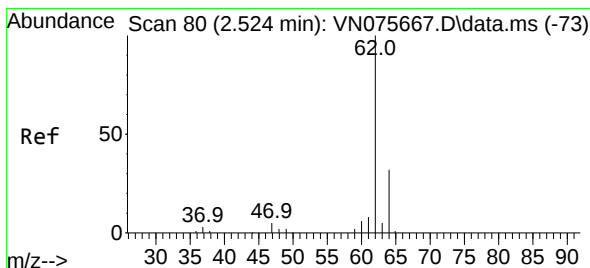
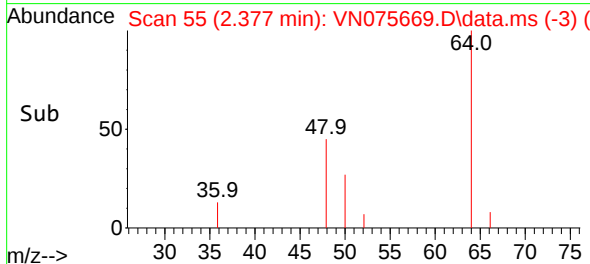
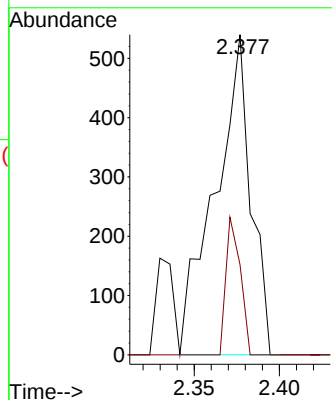
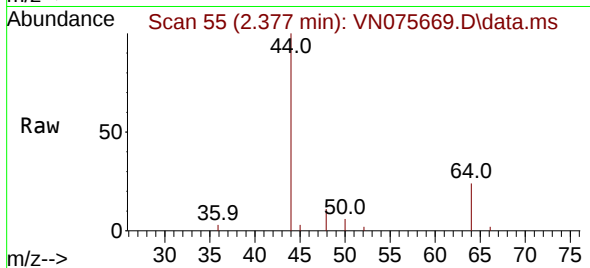




#3
Chloromethane
Concen: 0.430 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

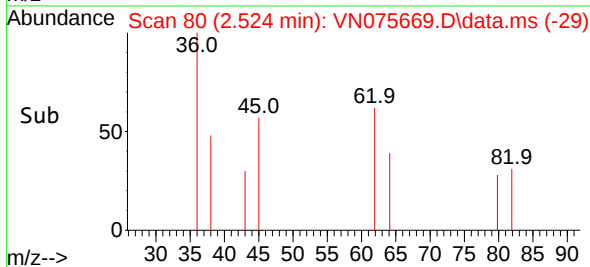
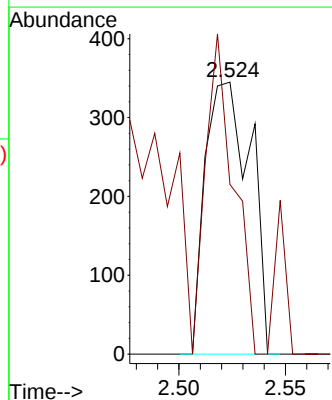
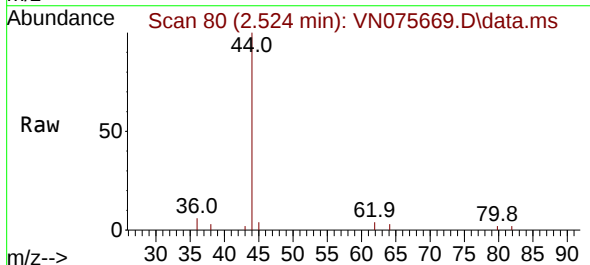
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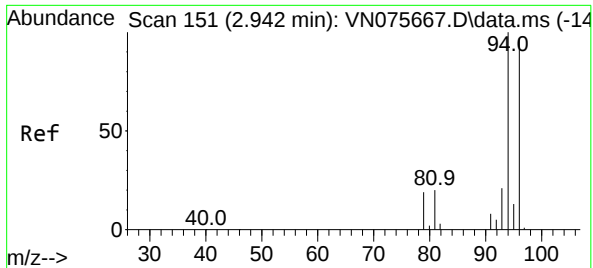
Tgt Ion: 50 Resp: 789
Ion Ratio Lower Upper
50 100
52 28.1 27.9 41.9



#4
Vinyl Chloride
Concen: 0.227 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 62 Resp: 512
Ion Ratio Lower Upper
62 100
64 5.8 25.9 38.9#

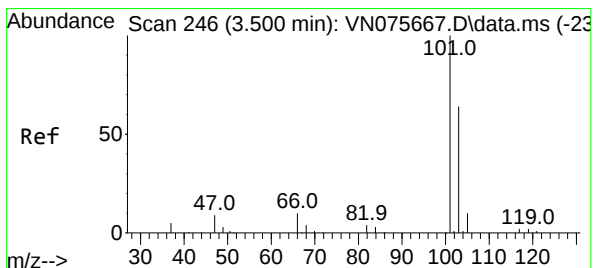
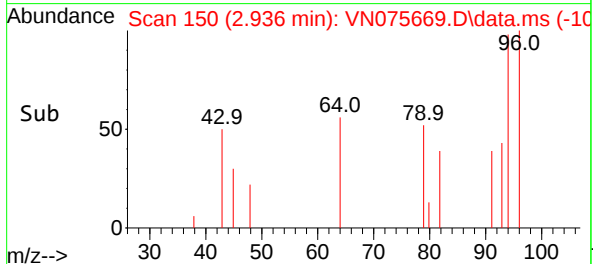
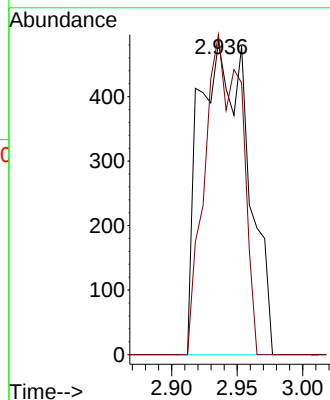
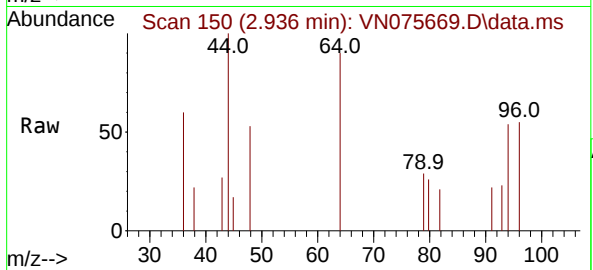




#5
Bromomethane
Concen: 0.654 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

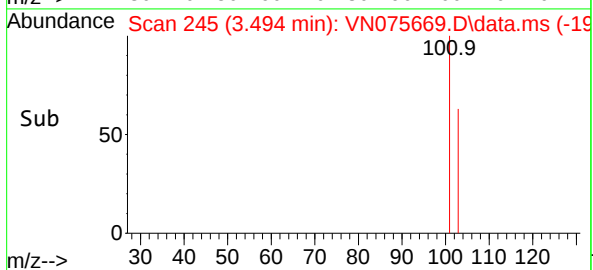
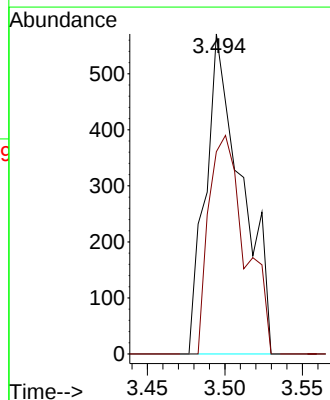
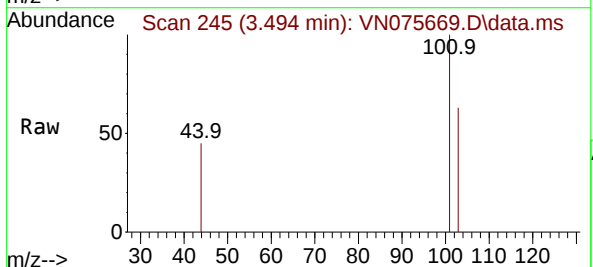
Instrument :
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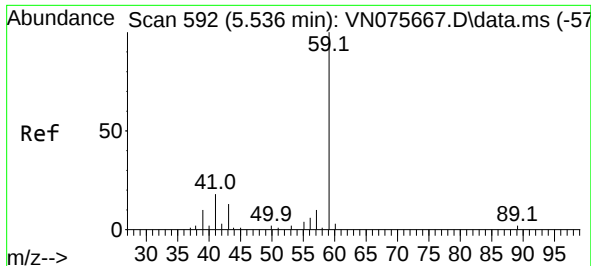
Tgt Ion: 94 Resp: 1257
Ion Ratio Lower Upper
94 100
96 102.3 77.6 116.4



#7
Trichlorofluoromethane
Concen: 0.282 ug/l
RT: 3.494 min Scan# 245
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 101 Resp: 922
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

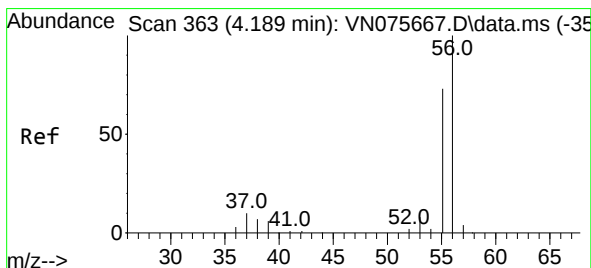
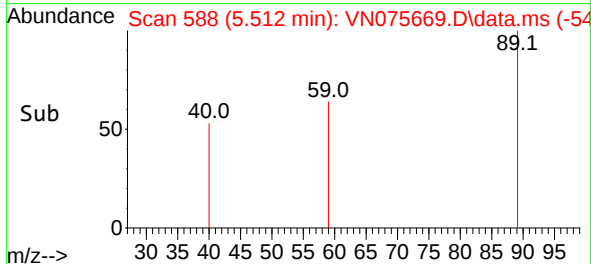
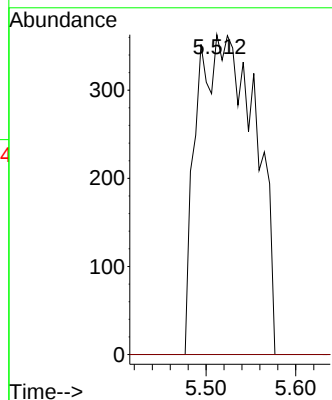
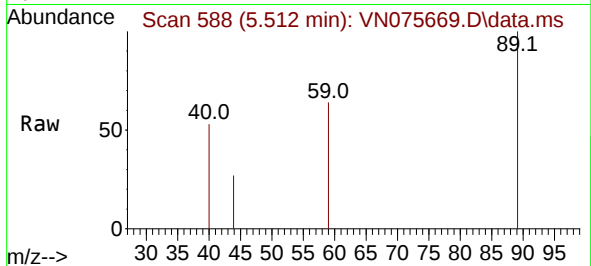




#11
Tert butyl alcohol
Concen: 4.980 ug/l
RT: 5.512 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

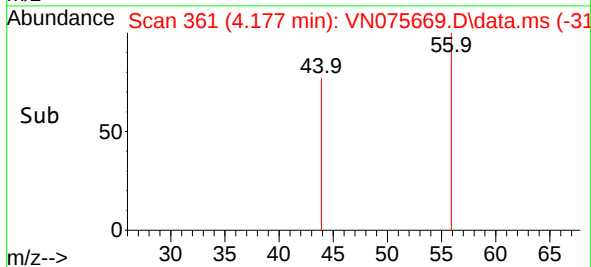
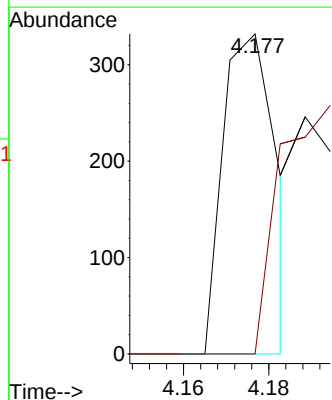
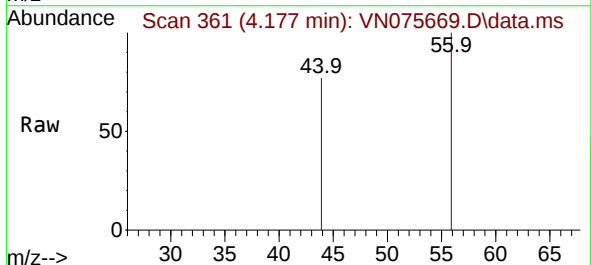
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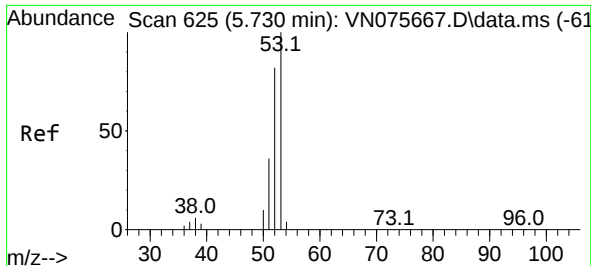
Tgt Ion: 59 Resp: 1638
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.766 ug/l
RT: 4.177 min Scan# 361
Delta R.T. -0.012 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 56 Resp: 290
Ion Ratio Lower Upper
56 100
55 85.2 55.7 83.5#

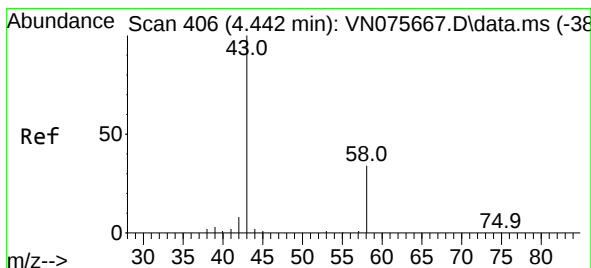
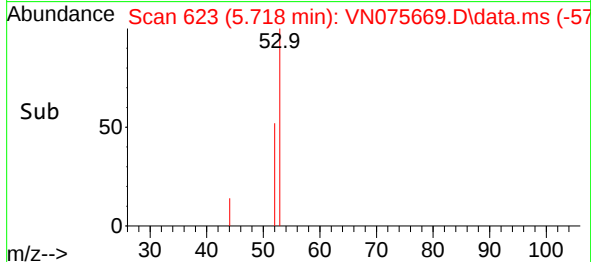
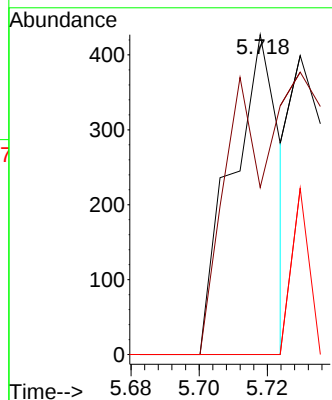
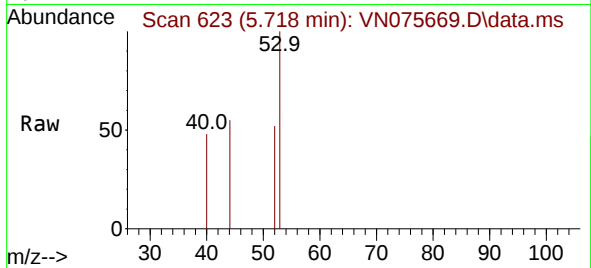




#15
Acrylonitrile
Concen: 0.494 ug/l
RT: 5.718 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

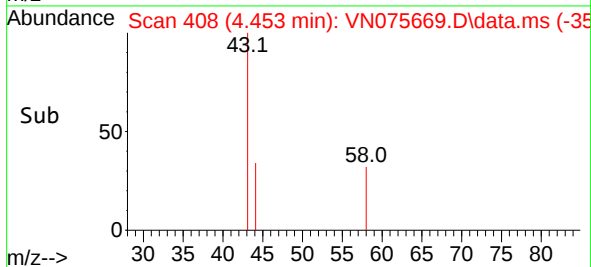
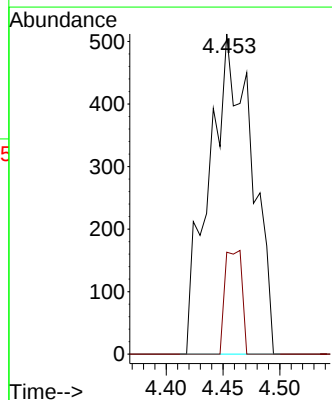
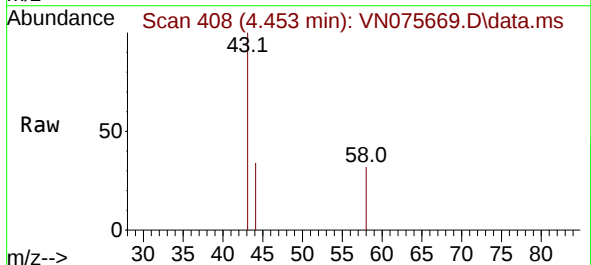
Instrument :
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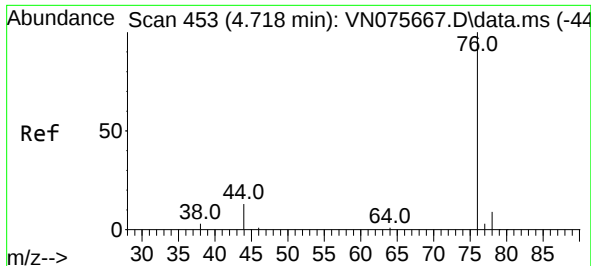
Tgt Ion: 53 Resp: 420
Ion Ratio Lower Upper
53 100
52 174.8 65.0 97.4#
51 18.6 28.9 43.3#



#16
Acetone
Concen: 1.773 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
58 31.8 27.0 40.4

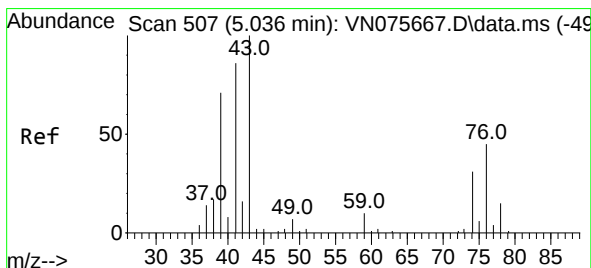
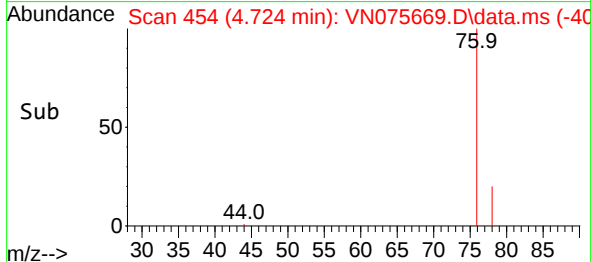
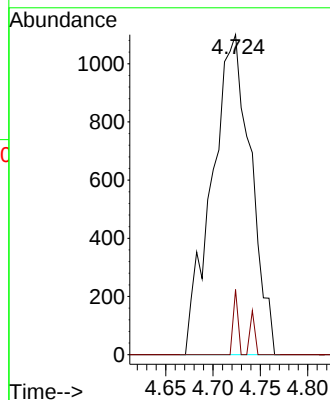
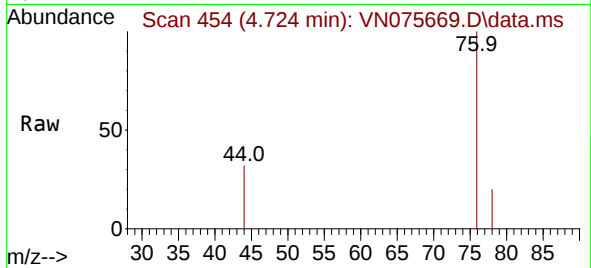




#17
Carbon Disulfide
Concen: 0.661 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
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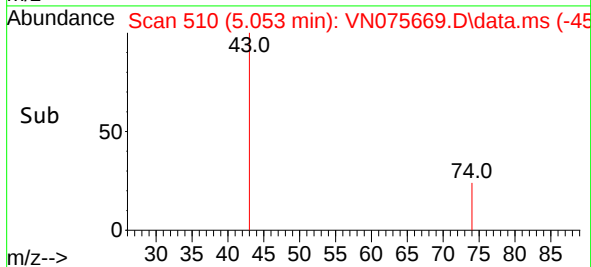
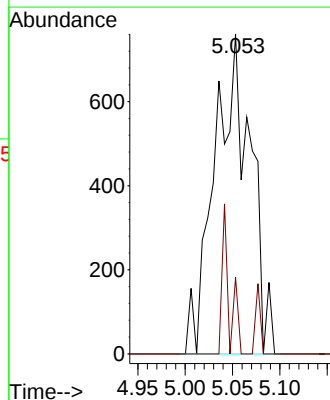
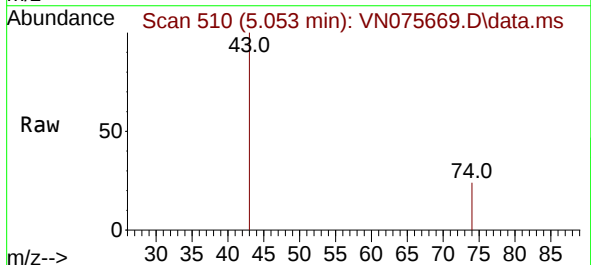
Instrument :
MSVOA_N
ClientSampleId :
IBLK

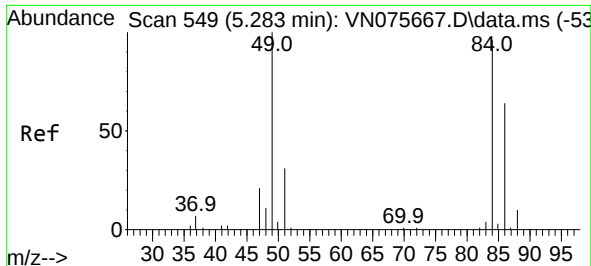
Tgt Ion: 76 Resp: 3138
Ion Ratio Lower Upper
76 100
78 20.4 7.4 11.2#



#18
Methyl Acetate
Concen: 0.829 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.018 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
74 9.5 24.5 36.7#

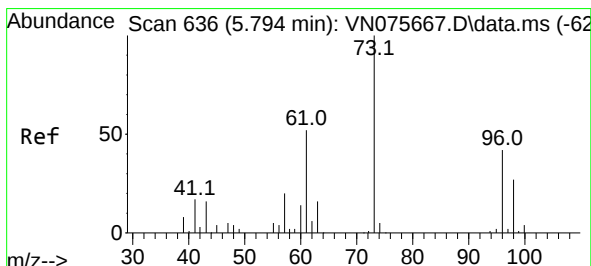
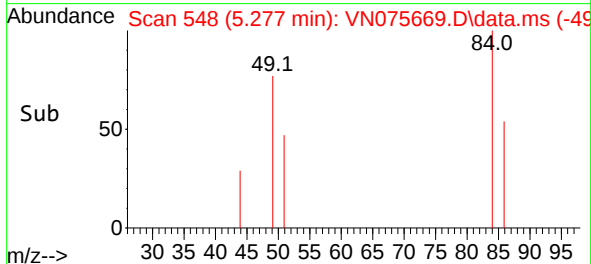
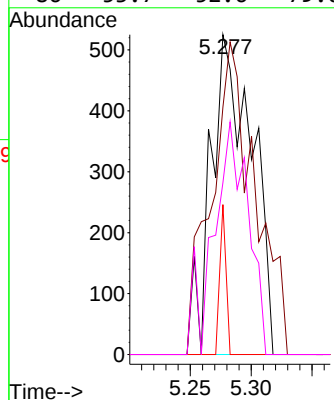
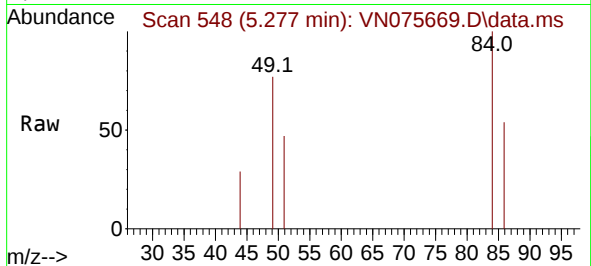




#20
Methylene Chloride
Concen: 0.548 ug/l
RT: 5.277 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

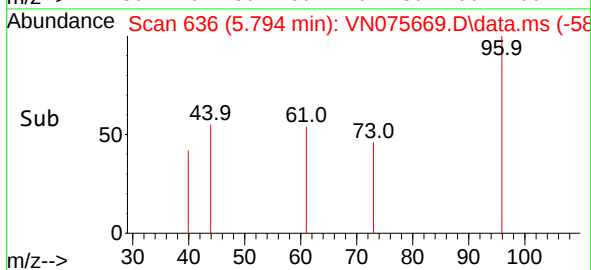
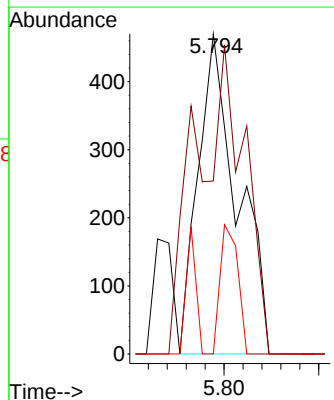
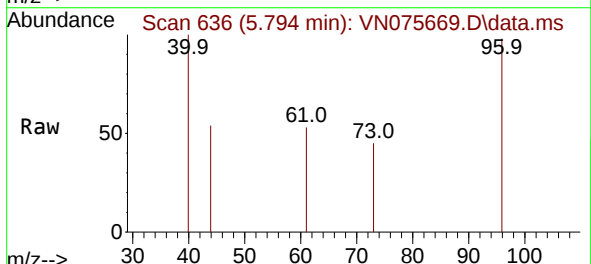
Instrument :
MSVOA_N
ClientSampleId :
IBLK

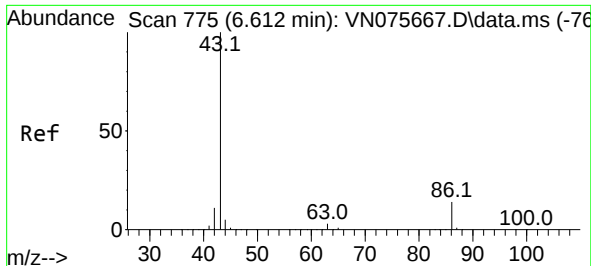
Tgt Ion: 84	Resp: 1231
Ion Ratio	Lower Upper
84 100	
49 77.3	83.0 124.4#
51 46.9	26.0 39.0#
86 53.7	52.6 79.0



#21
trans-1,2-Dichloroethene
Concen: 0.338 ug/l
RT: 5.794 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 96	Resp: 678
Ion Ratio	Lower Upper
96 100	
61 54.0	100.5 150.7#
98 0.0	52.7 79.1#

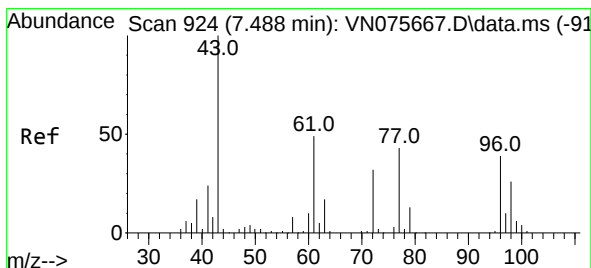
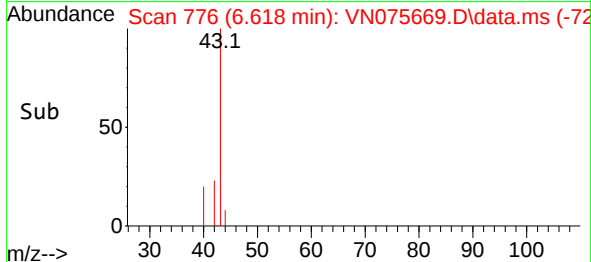
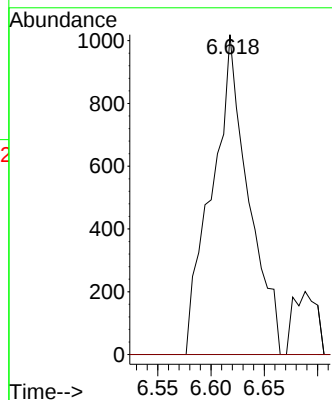
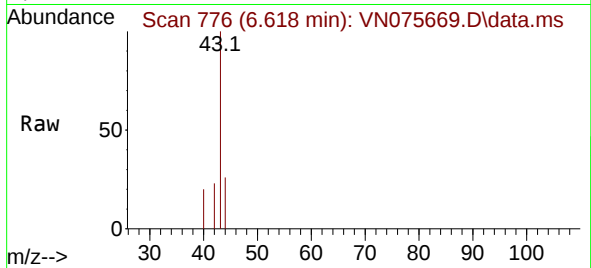




#23
 Vinyl Acetate
 Concen: 0.628 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN075669.D
 Acq: 09 Dec 2022 14:57

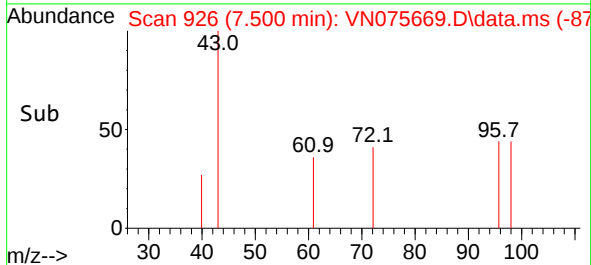
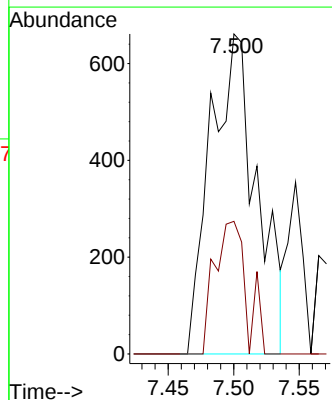
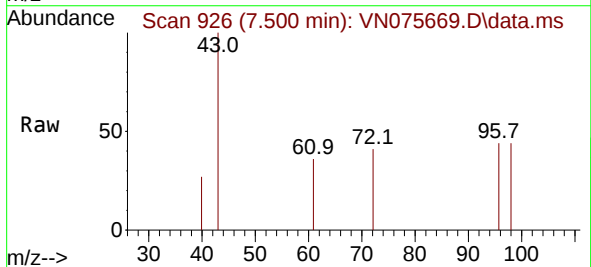
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

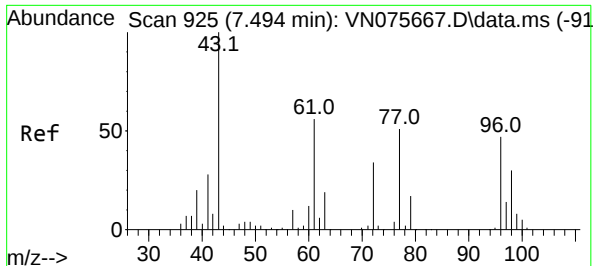
Tgt Ion: 43 Resp: 2435
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.5 17.3#



#25
 2-Butanone
 Concen: 1.472 ug/l
 RT: 7.500 min Scan# 926
 Delta R.T. 0.012 min
 Lab File: VN075669.D
 Acq: 09 Dec 2022 14:57

Tgt Ion: 43 Resp: 1620
 Ion Ratio Lower Upper
 43 100
 72 41.5 25.3 37.9#

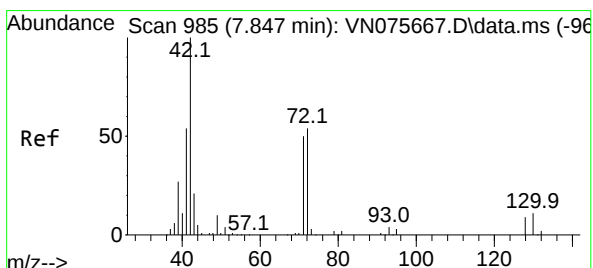
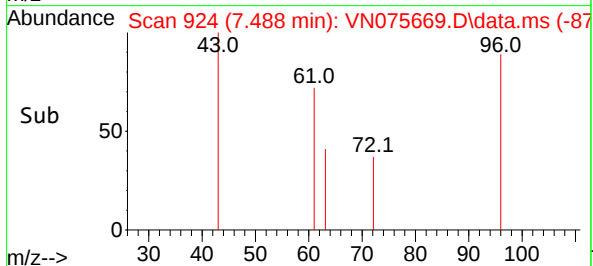
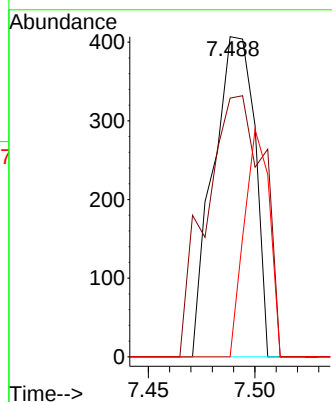
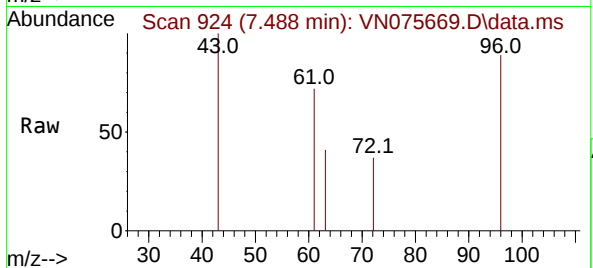




#27
cis-1,2-Dichloroethene
Concen: 0.227 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

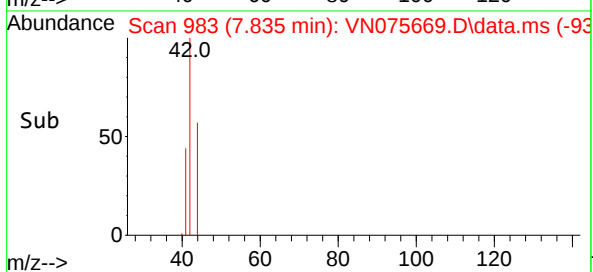
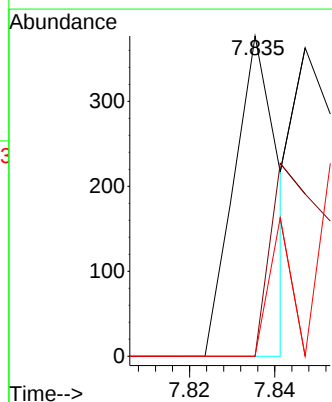
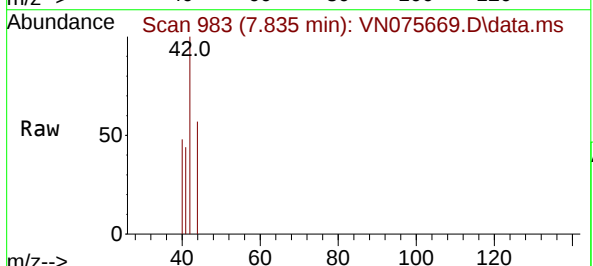
Instrument :
MSVOA_N
ClientSampleId :
IBLK

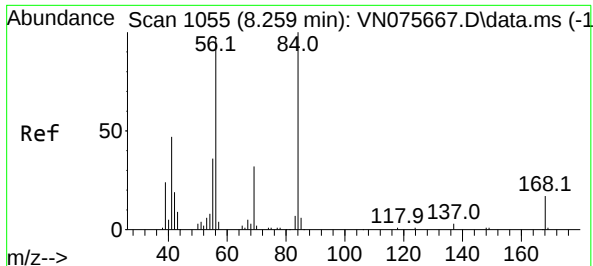
Tgt Ion: 96	Resp:	552	
Ion	Ratio	Lower	Upper
96	100		
61	112.7	0.0	247.8
98	43.1	0.0	126.0



#29
Tetrahydrofuran
Concen: 0.401 ug/l
RT: 7.835 min Scan# 983
Delta R.T. -0.012 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 42	Resp:	272	
Ion	Ratio	Lower	Upper
42	100		
72	75.0	44.6	67.0#
71	21.0	41.2	61.8#

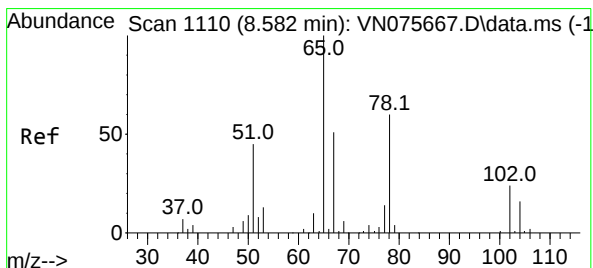
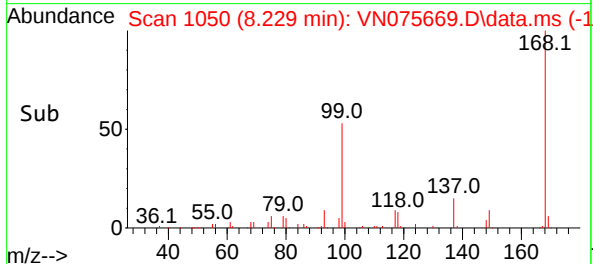
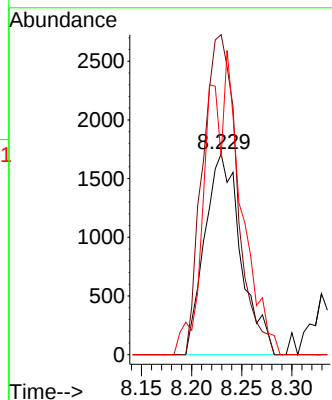
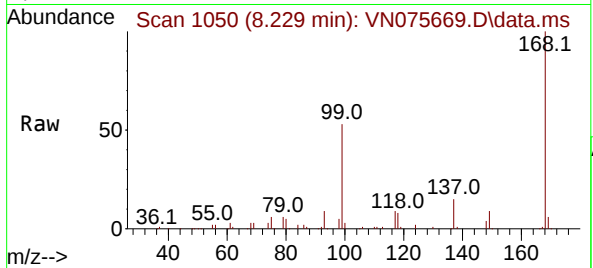




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

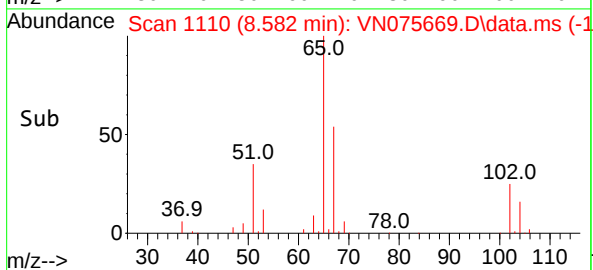
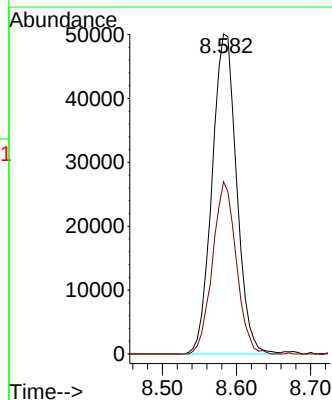
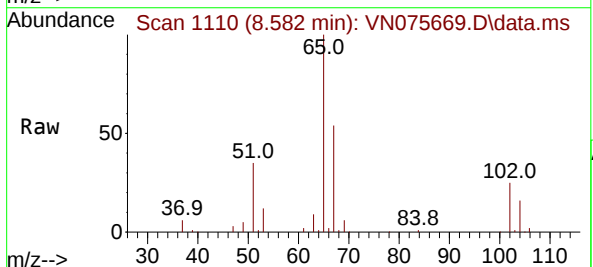
Instrument :
MSVOA_N
ClientSampleId :
IBLK

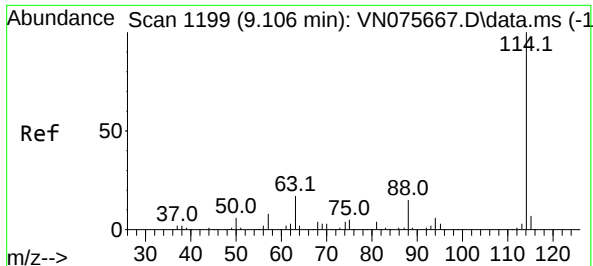
Tgt Ion: 56 Resp: 4285
Ion Ratio Lower Upper
56 100
69 159.4 26.2 39.2#
84 98.5 82.8 124.2



#33
1,2-Dichloroethane-d4
Concen: 51.811 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 65 Resp: 115192
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

IBLK

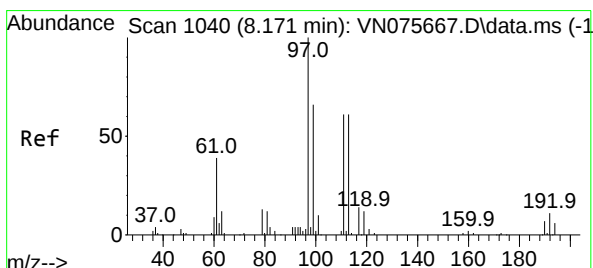
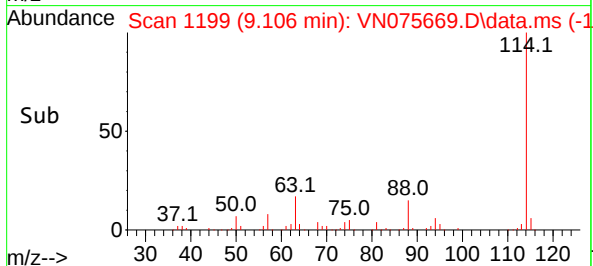
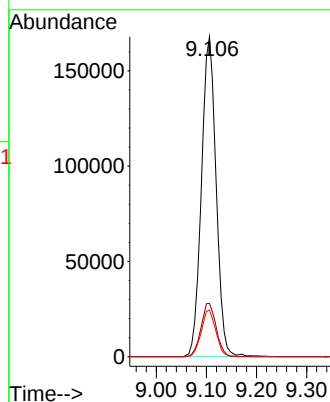
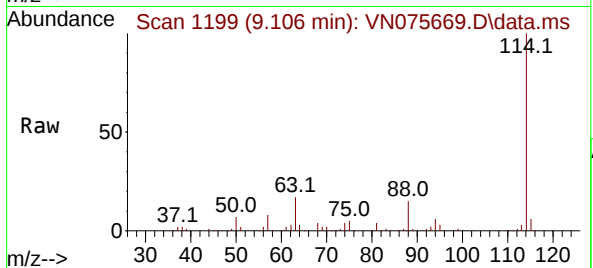
Tgt Ion:114 Resp: 340931

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.4

88 14.5 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.604 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

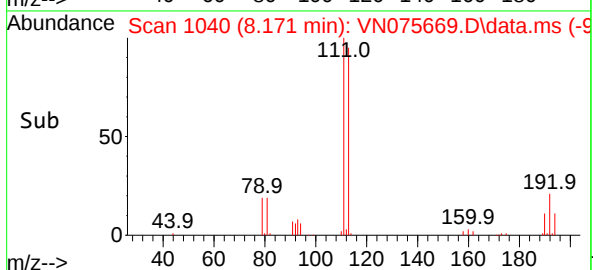
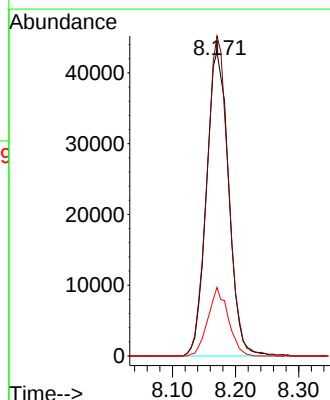
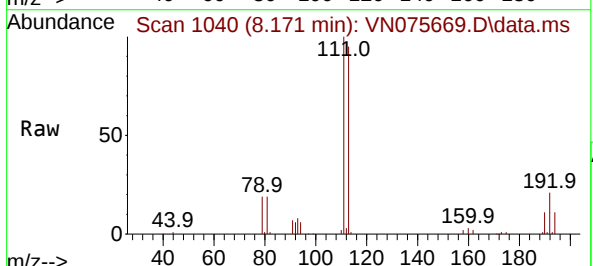
Tgt Ion:113 Resp: 105260

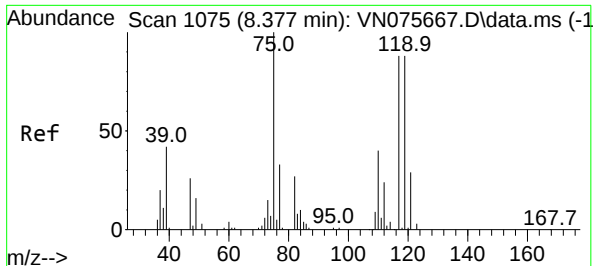
Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.6

192 20.6 16.2 24.2





#36

1,1-Dichloropropene

Concen: 0.387 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

IBLK

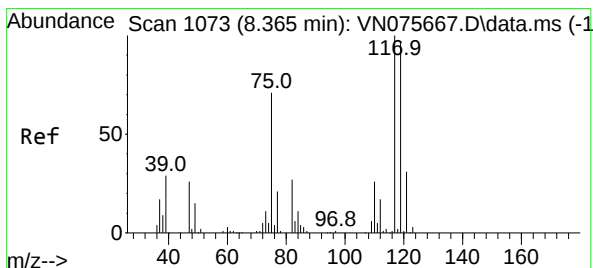
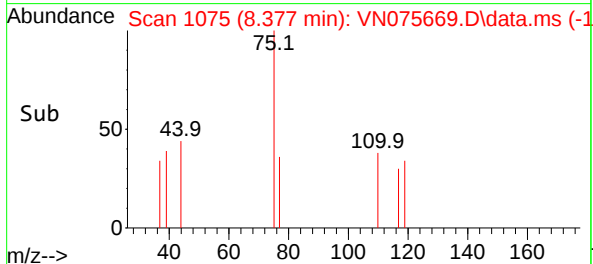
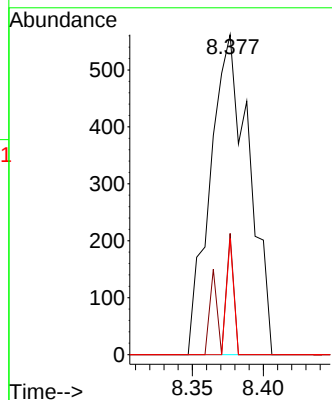
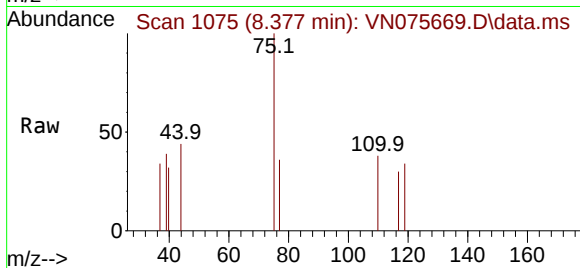
Tgt Ion: 75 Resp: 1068

Ion Ratio Lower Upper

75 100

110 0.0 18.9 56.9#

77 6.7 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

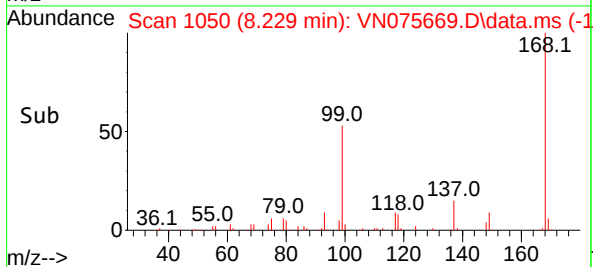
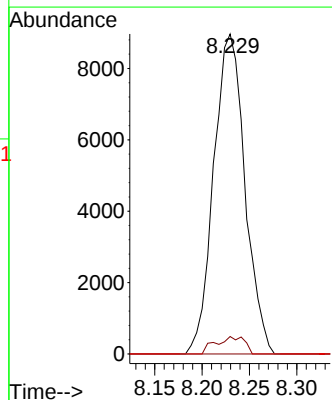
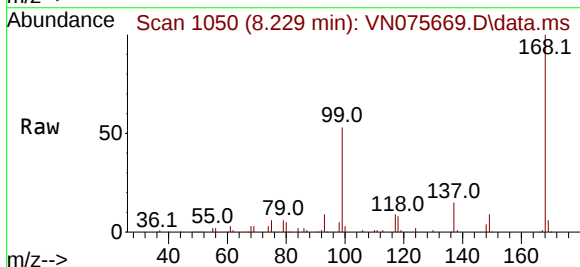
Tgt Ion: 117 Resp: 20579

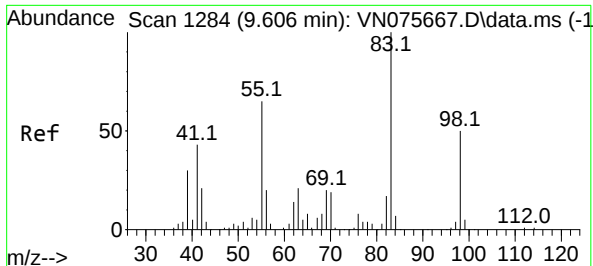
Ion Ratio Lower Upper

117 100

119 5.5 77.2 115.8#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.368 ug/l

RT: 9.600 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

IBLK

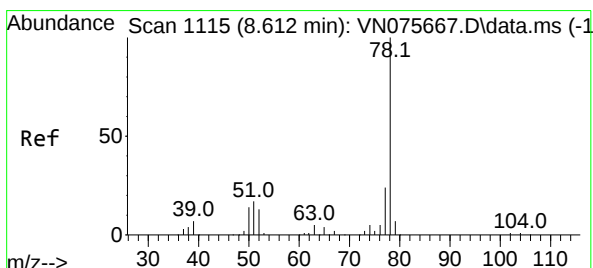
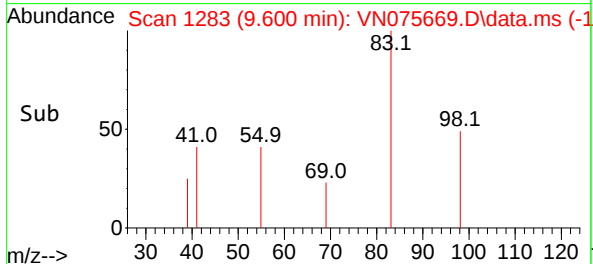
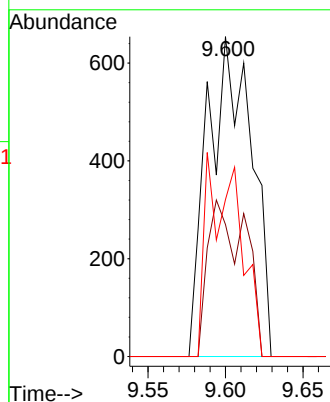
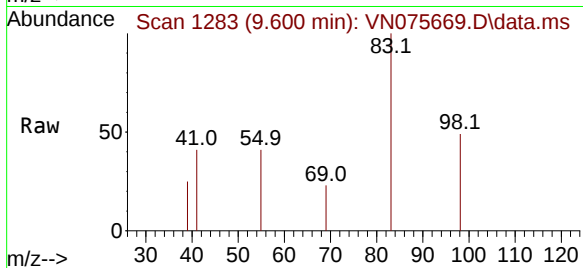
Tgt Ion: 83 Resp: 1290

Ion Ratio Lower Upper

83 100

55 41.3 51.6 77.4#

98 49.1 39.8 59.8



#40

Benzene

Concen: 0.213 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075669.D

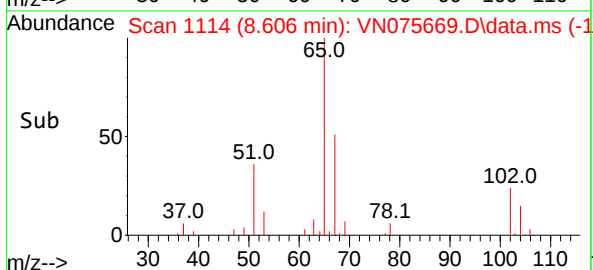
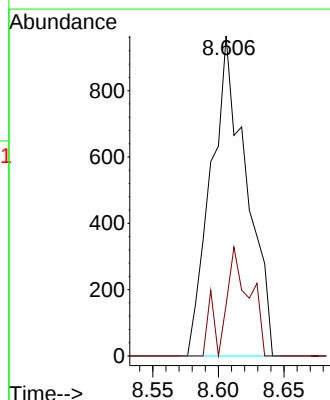
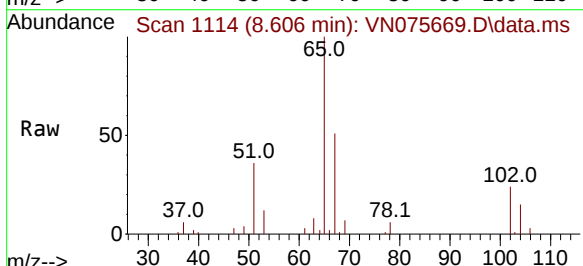
Acq: 09 Dec 2022 14:57

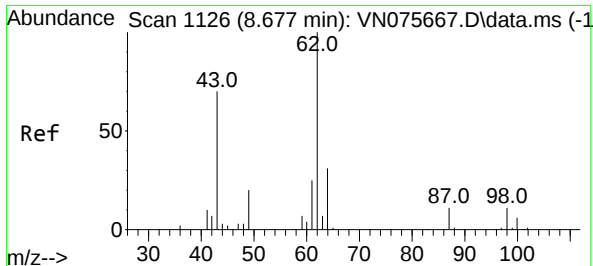
Tgt Ion: 78 Resp: 1808

Ion Ratio Lower Upper

78 100

77 16.1 19.1 28.7#





#42

1,2-Dichloroethane

Concen: 0.209 ug/l

RT: 8.671 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

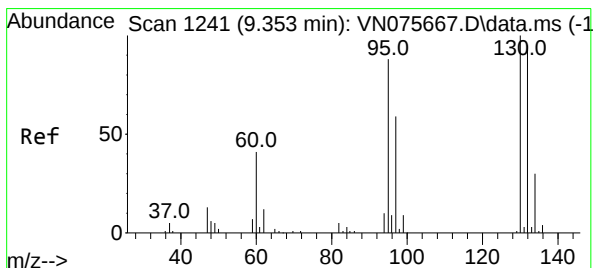
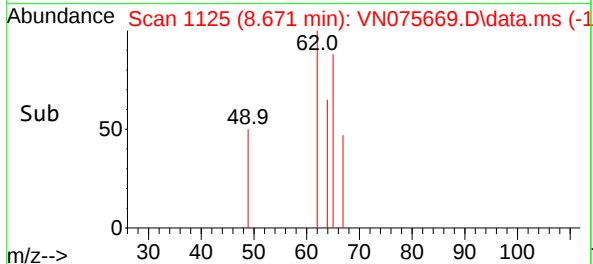
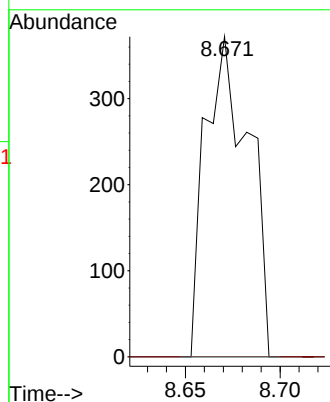
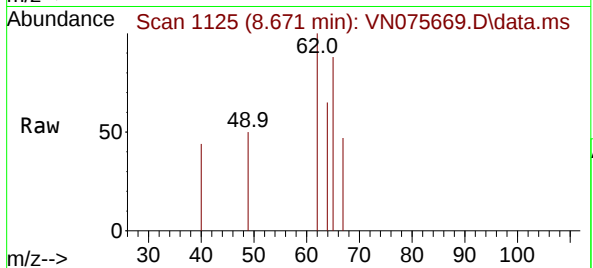
IBLK

Tgt Ion: 62 Resp: 593

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.8



#44

Trichloroethene

Concen: 0.343 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VN075669.D

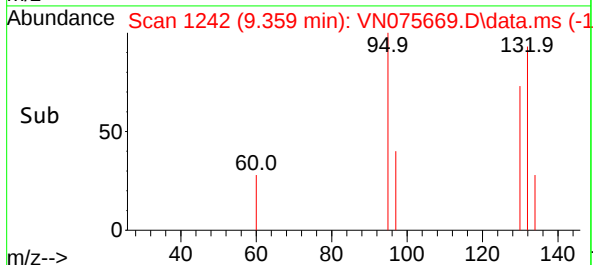
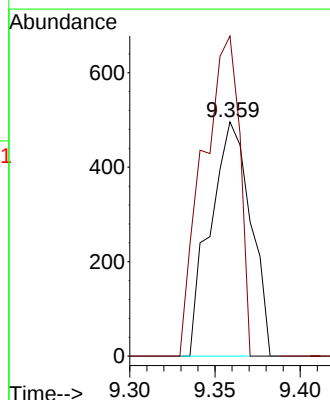
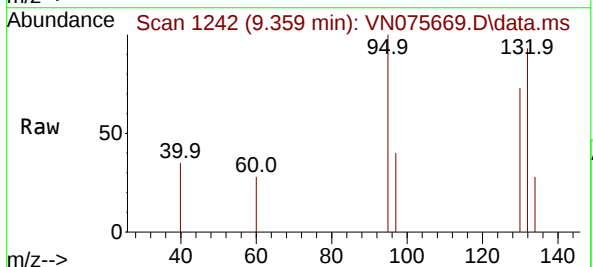
Acq: 09 Dec 2022 14:57

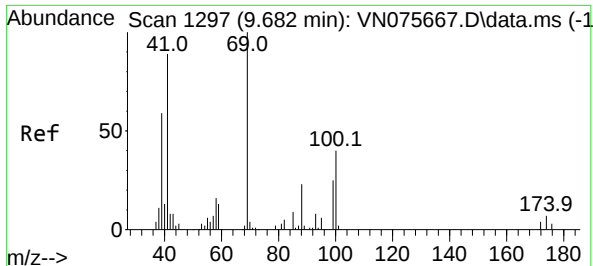
Tgt Ion: 130 Resp: 821

Ion Ratio Lower Upper

130 100

95 136.7 0.0 176.8





#48

Methyl methacrylate

Concen: 0.256 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

IBLK

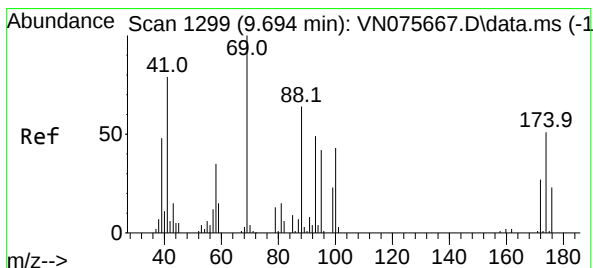
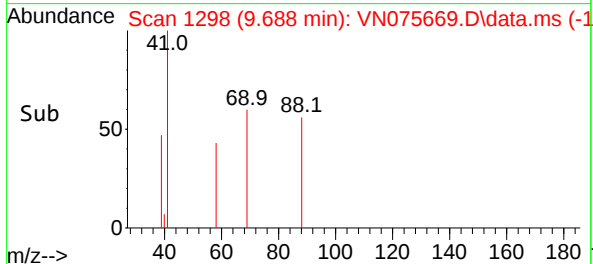
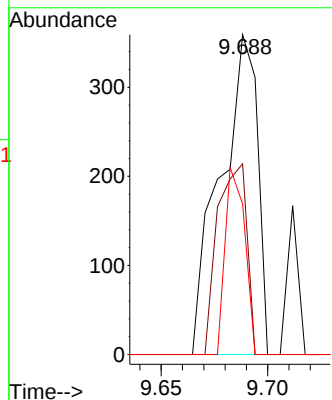
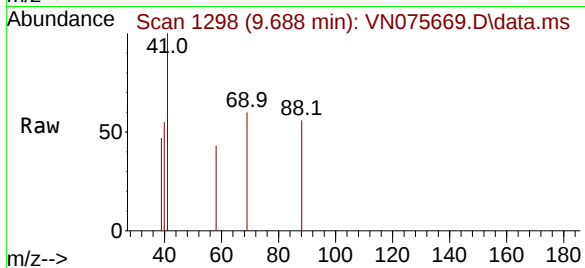
Tgt Ion: 41 Resp: 436

Ion Ratio Lower Upper

41 100

69 46.8 82.5 123.7#

39 30.7 53.2 79.8#



#49

1,4-Dioxane

Concen: 5.670 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

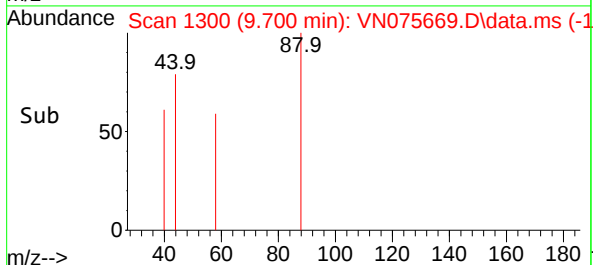
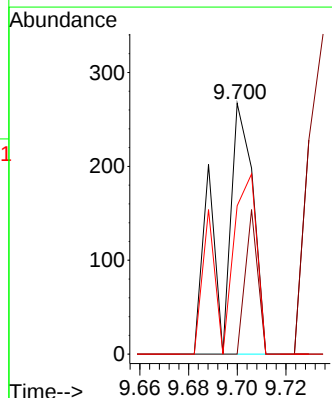
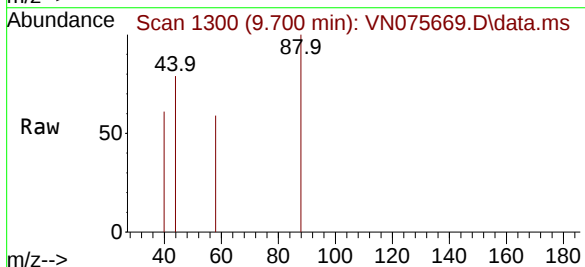
Tgt Ion: 88 Resp: 235

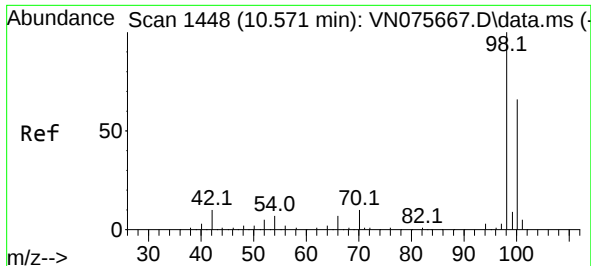
Ion Ratio Lower Upper

88 100

43 23.0 17.4 26.0

58 75.7 46.8 70.2#

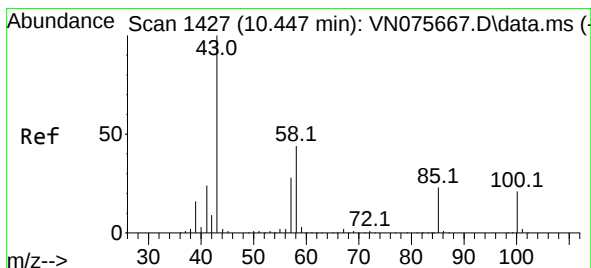
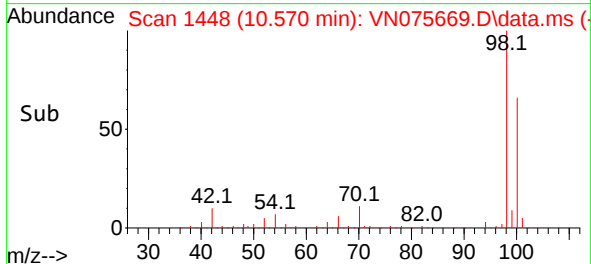
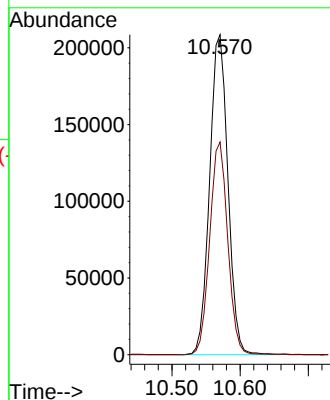
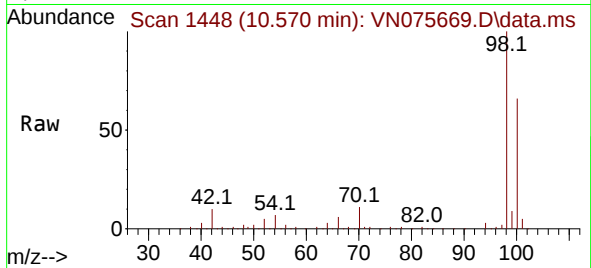




#50
Toluene-d8
Concen: 49.858 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

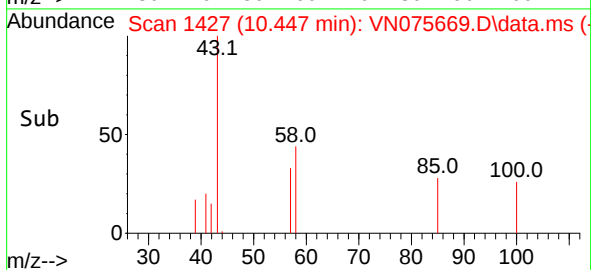
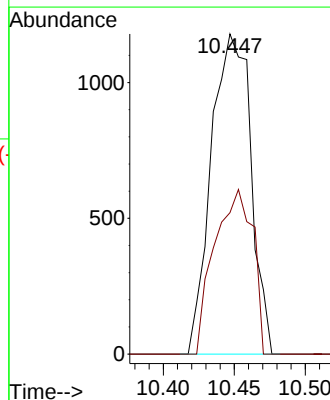
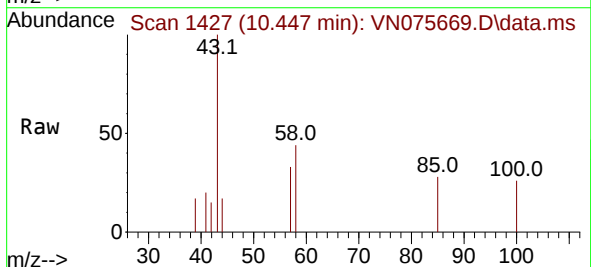
Instrument :
MSVOA_N
ClientSampleId :
IBLK

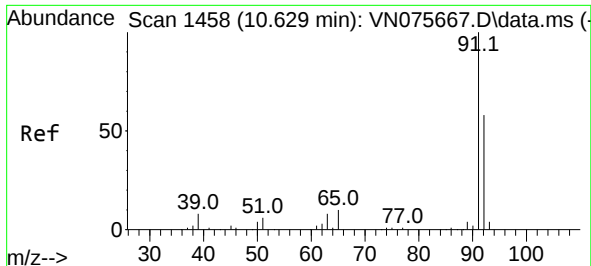
Tgt Ion: 98 Resp: 389473
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.000 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 43 Resp: 2283
Ion Ratio Lower Upper
43 100
58 50.0 35.0 52.6

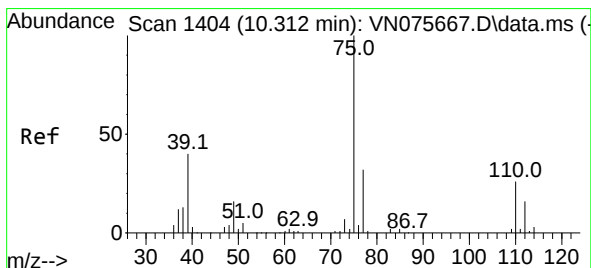
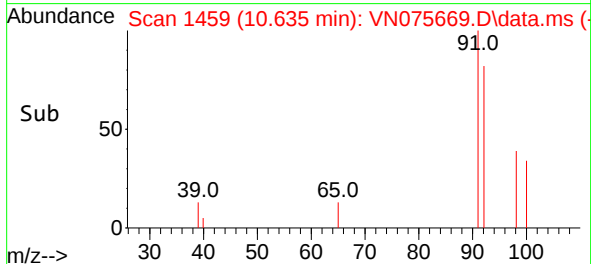
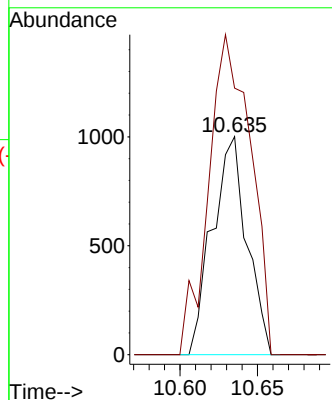
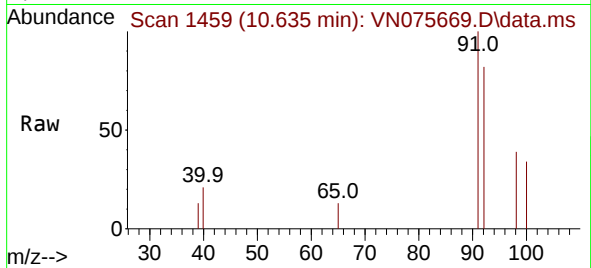




#52
Toluene
Concen: 0.277 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

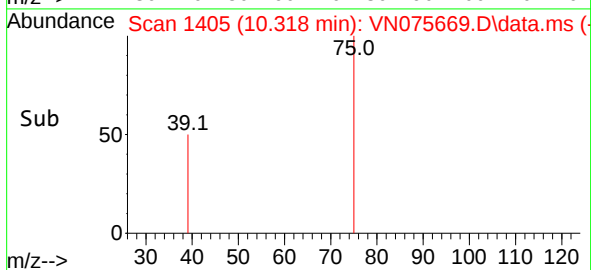
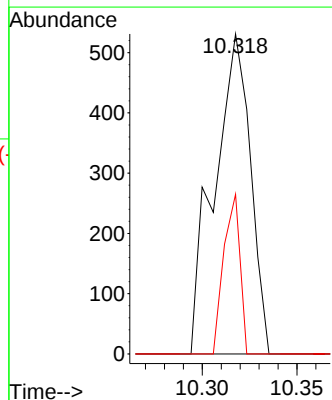
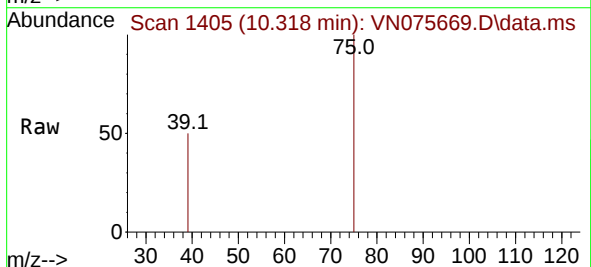
Instrument :
MSVOA_N
ClientSampleId :
IBLK

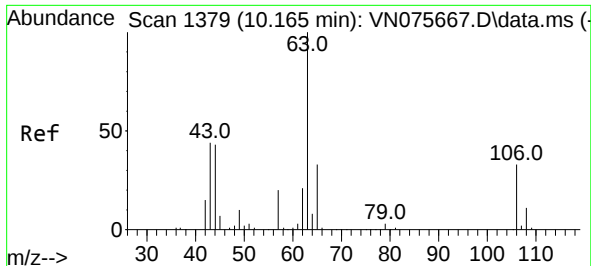
Tgt Ion: 92 Resp: 1552
Ion Ratio Lower Upper
92 100
91 178.5 137.9 206.9



#54
cis-1,3-Dichloropropene
Concen: 0.217 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 75 Resp: 706
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 49.9 32.0 48.0#

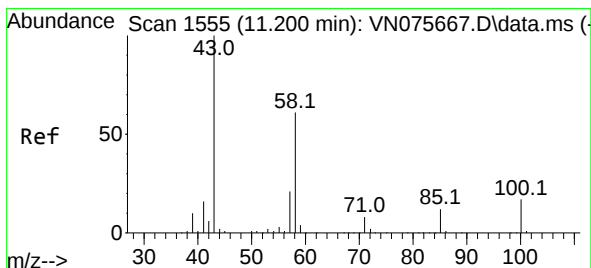
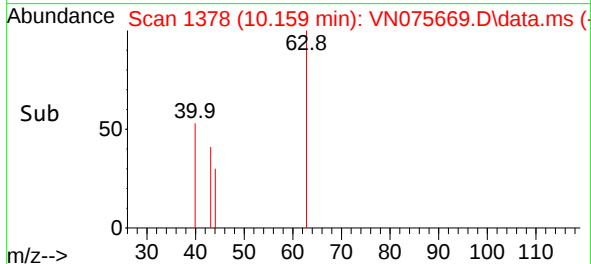
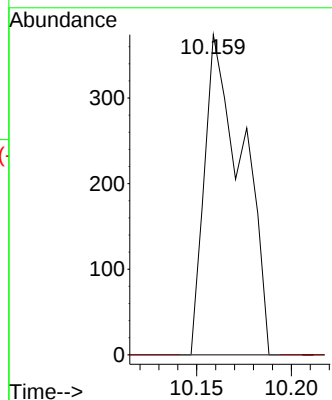
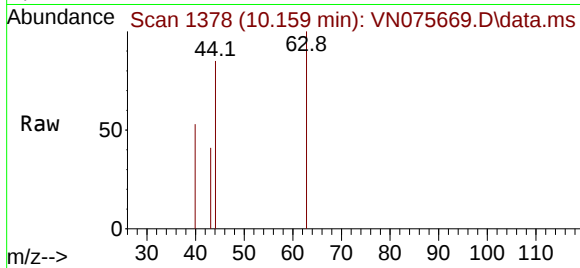




#58
2-Chloroethyl Vinyl ether
Concen: 0.593 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

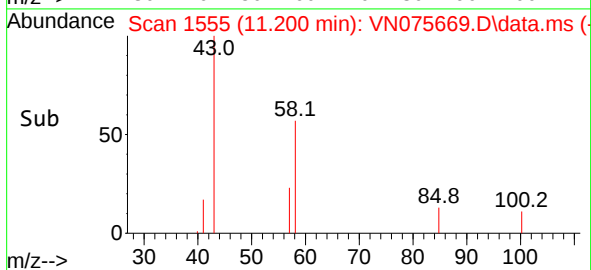
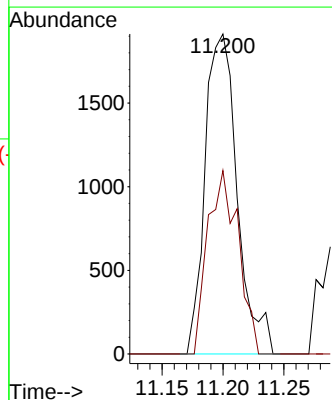
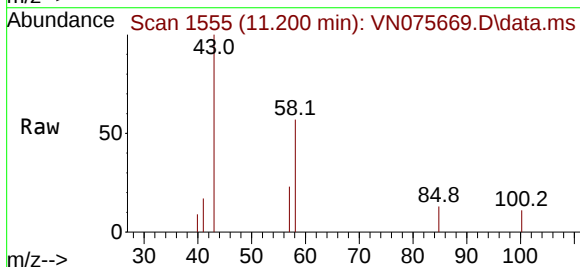
Instrument :
MSVOA_N
ClientSampleId :
IBLK

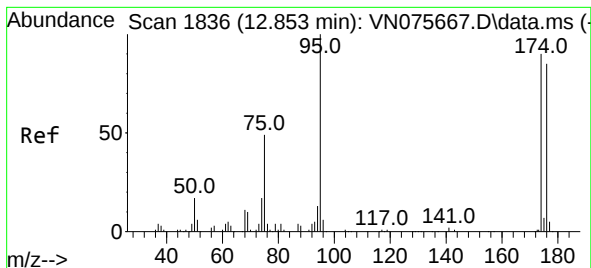
Tgt Ion: 63 Resp: 523
Ion Ratio Lower Upper
63 100
106 0.0 26.6 40.0#



#59
2-Hexanone
Concen: 2.120 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 43 Resp: 3516
Ion Ratio Lower Upper
43 100
58 54.5 30.9 92.5

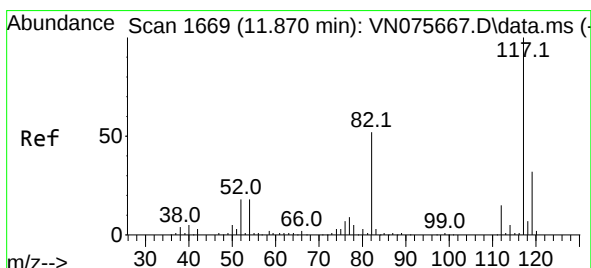
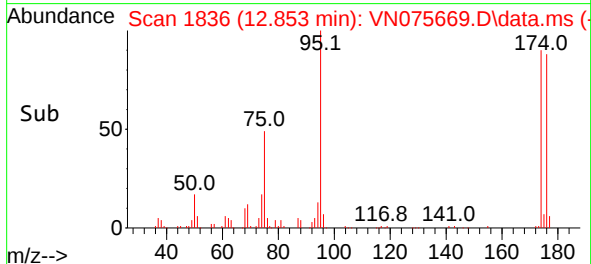
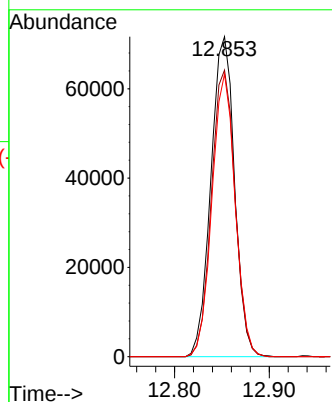
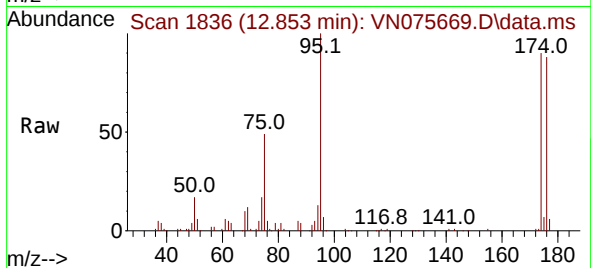




#62
4-Bromofluorobenzene
Concen: 46.714 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

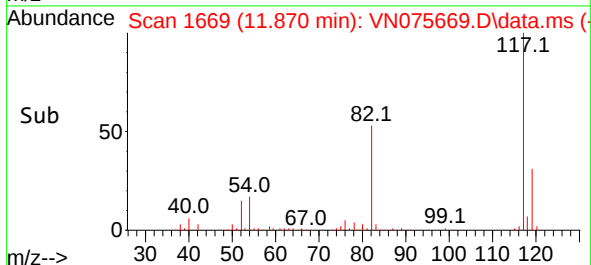
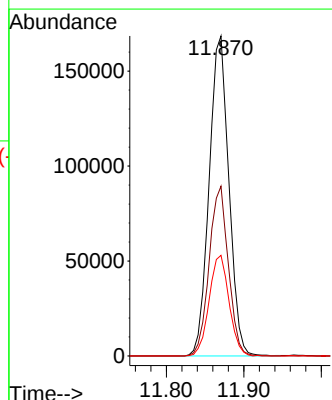
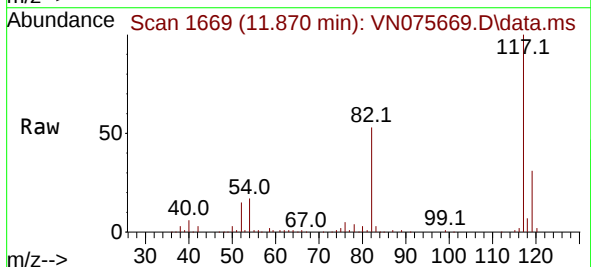
Instrument :
MSVOA_N
ClientSampleId :
IBLK

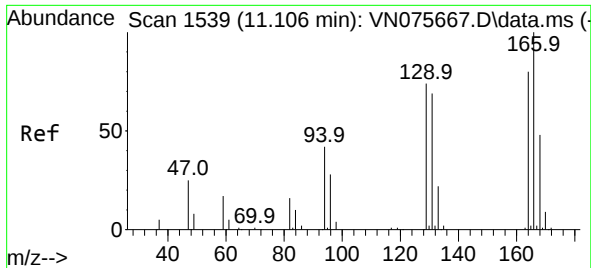
Tgt Ion: 95 Resp: 124765
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.6
176 86.2 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 117 Resp: 297653
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 31.5 25.8 38.6

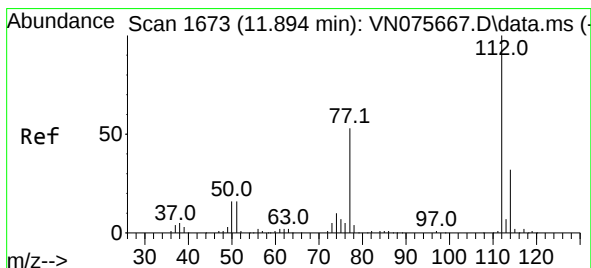
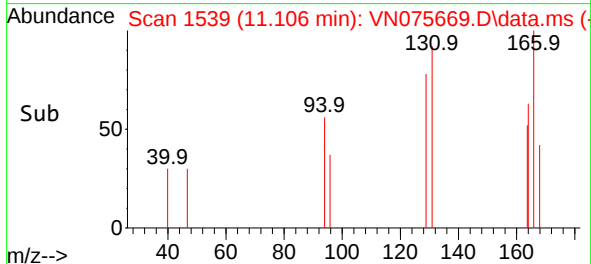
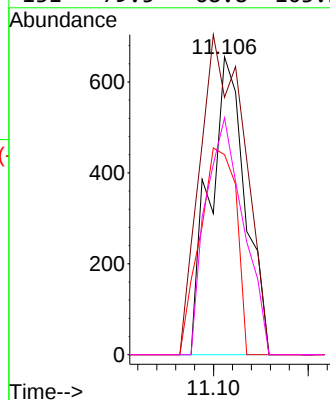
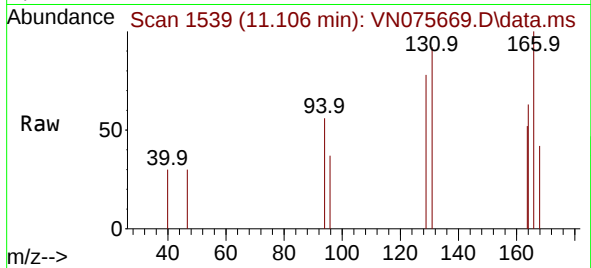




#64
Tetrachloroethene
Concen: 0.395 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

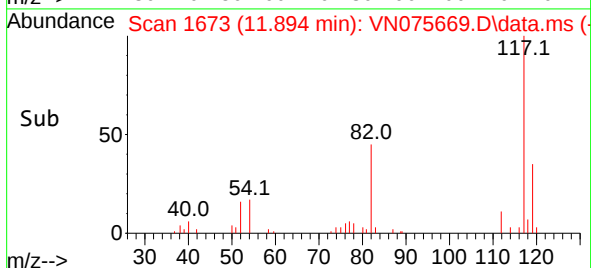
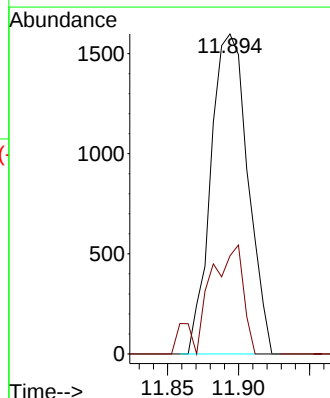
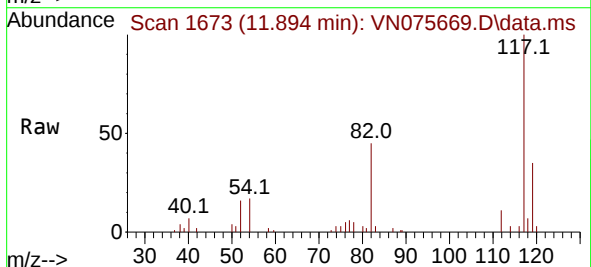
Instrument :
MSVOA_N
ClientSampleId :
IBLK

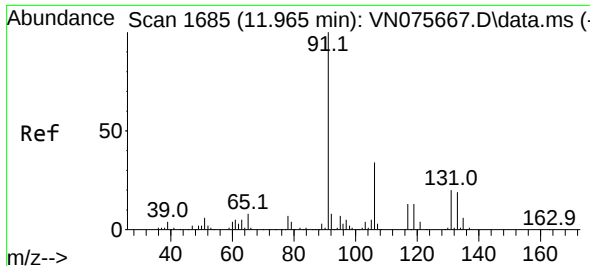
Tgt Ion:164	Resp:	857
Ion	Ratio	Lower Upper
164	100	
166	86.4	100.3 150.5#
129	67.2	73.9 110.9#
131	79.5	68.8 103.2



#65
Chlorobenzene
Concen: 0.473 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion:112	Resp:	2898
Ion	Ratio	Lower Upper
112	100	
114	30.7	25.5 38.3





#67

Ethyl Benzene

Concen: 0.333 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

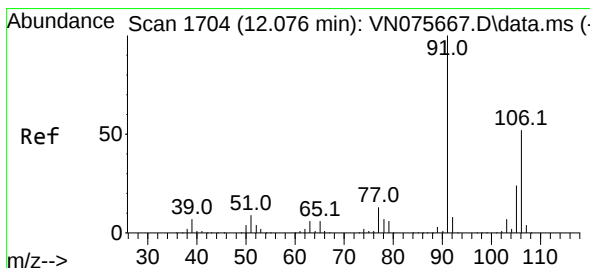
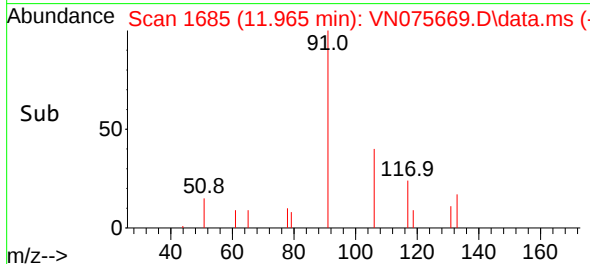
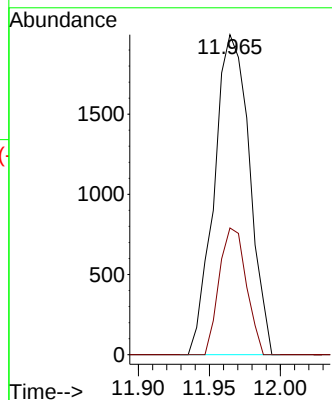
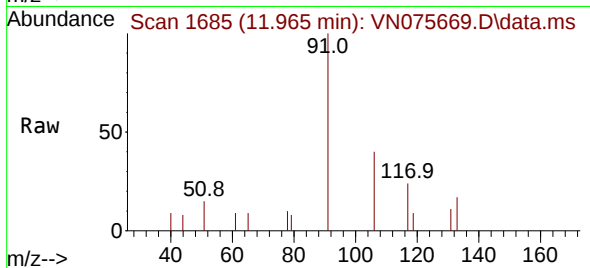
IBLK

Tgt Ion: 91 Resp: 3445

Ion Ratio Lower Upper

91 100

106 39.6 26.9 40.3



#68

m/p-Xylenes

Concen: 0.739 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN075669.D

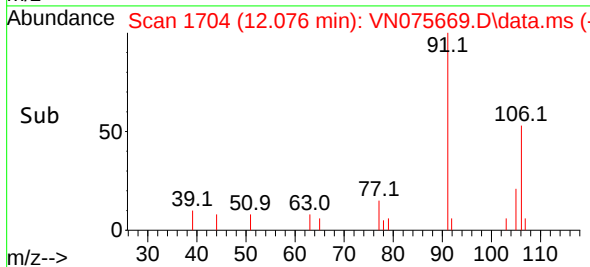
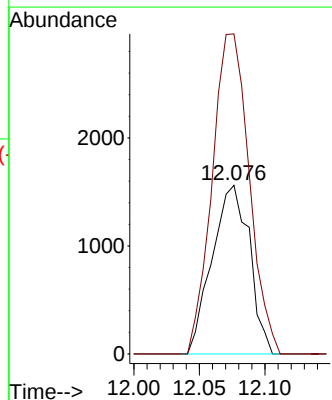
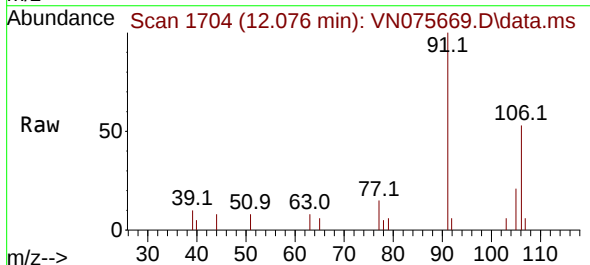
Acq: 09 Dec 2022 14:57

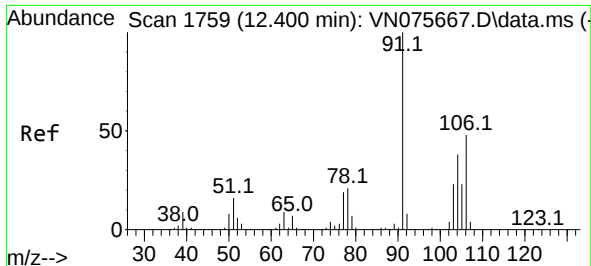
Tgt Ion: 106 Resp: 3094

Ion Ratio Lower Upper

106 100

91 188.3 156.2 234.4

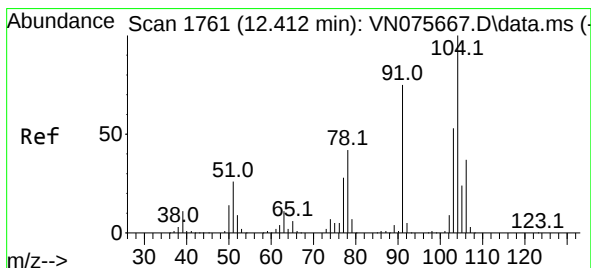
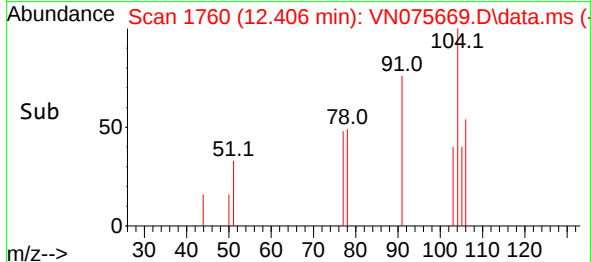
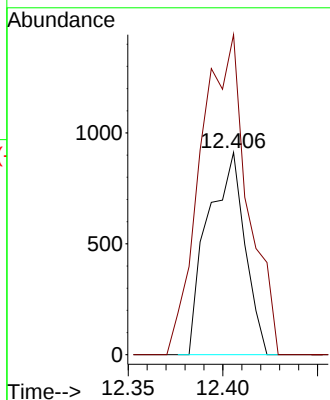
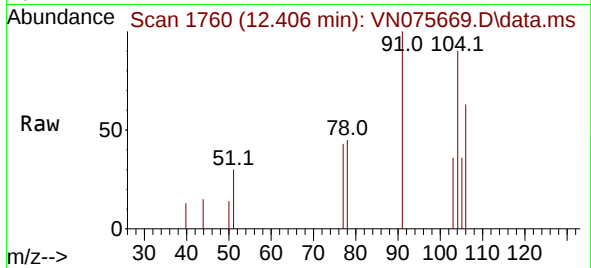




#69
o-Xylene
Concen: 0.304 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

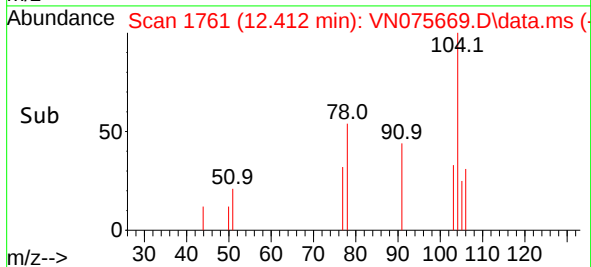
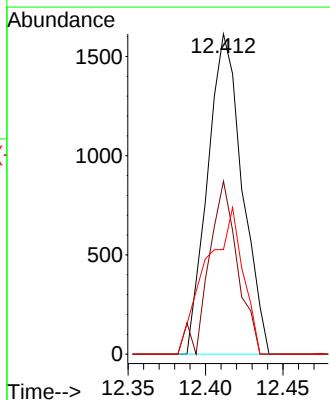
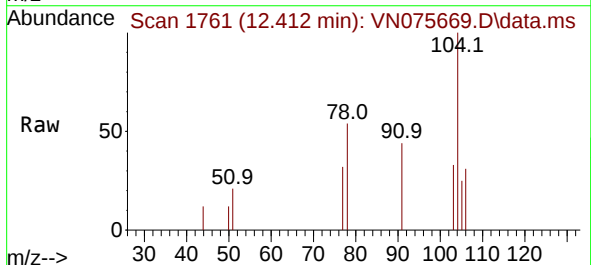
Instrument :
MSVOA_N
ClientSampleId :
IBLK

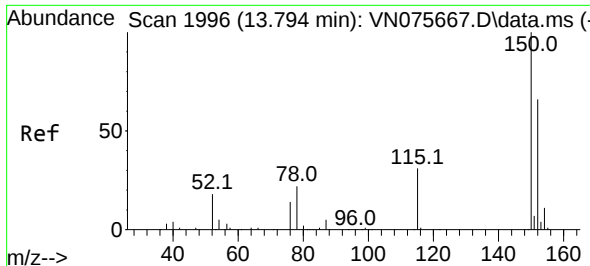
Tgt Ion:106 Resp: 1236
Ion Ratio Lower Upper
106 100
91 201.1 102.8 308.5



#70
Styrene
Concen: 0.384 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion:104 Resp: 2505
Ion Ratio Lower Upper
104 100
78 44.7 36.7 55.1
103 48.3 44.0 66.0

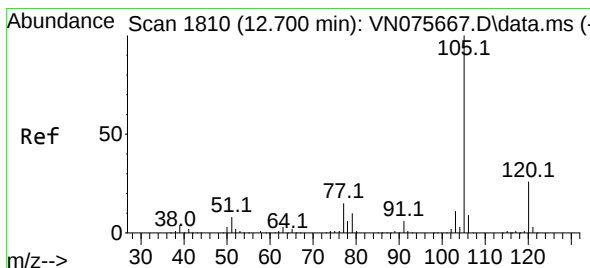
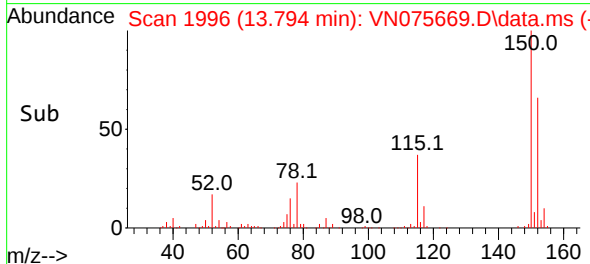
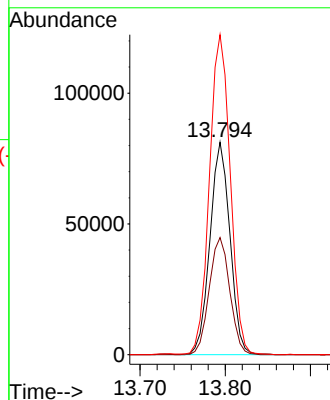
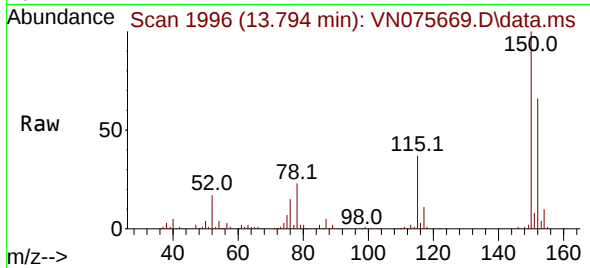




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

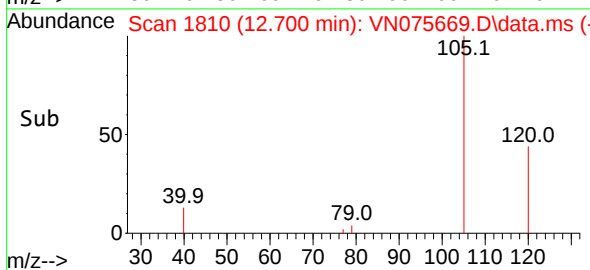
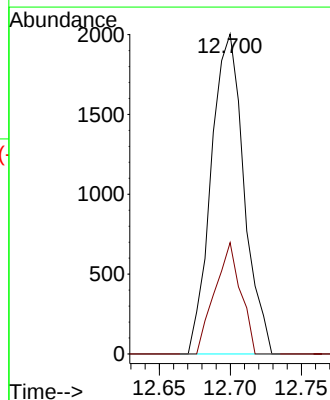
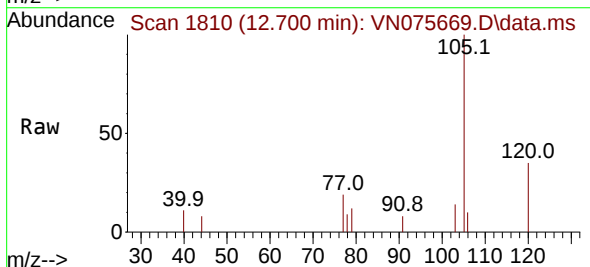
Instrument :
MSVOA_N
ClientSampleId :
IBLK

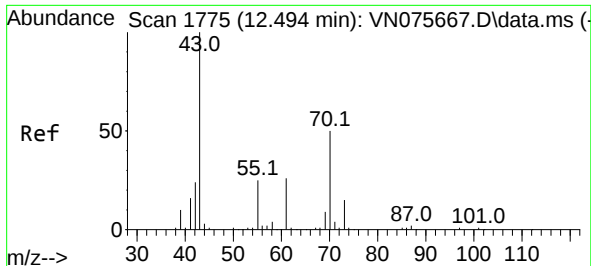
Tgt Ion:152 Resp: 132533
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 156.4 0.0 347.6



#73
Isopropylbenzene
Concen: 0.338 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion:105 Resp: 3216
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2

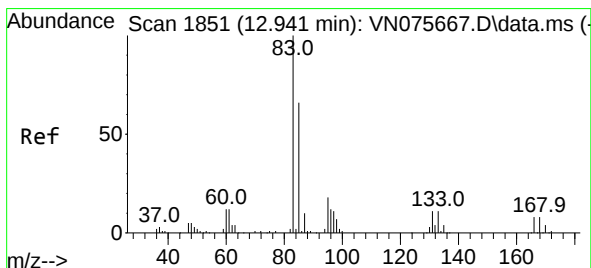
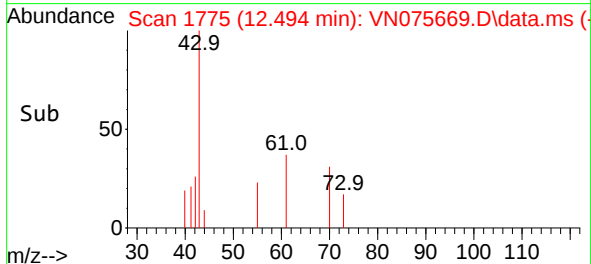
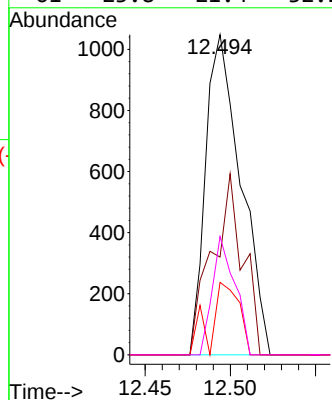
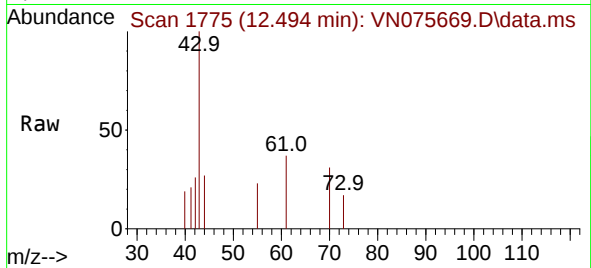




#74
N-amy1 acetate
Concen: 0.545 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

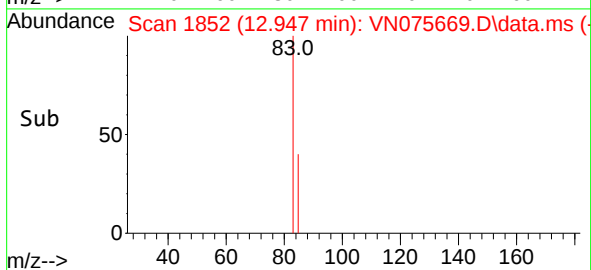
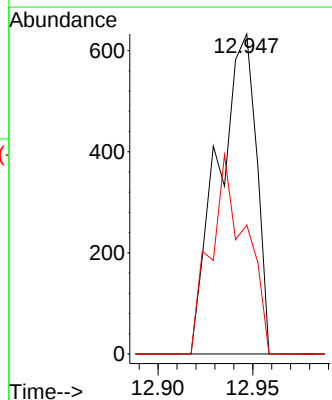
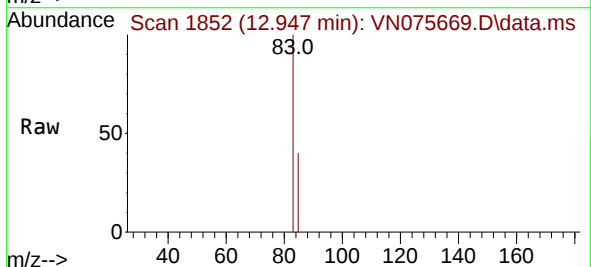
Instrument :
MSVOA_N
ClientSampleId :
IBLK

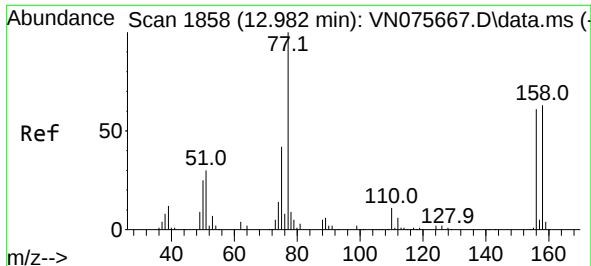
Tgt Ion: 43	Resp:	1507	
Ion	Ratio	Lower	Upper
43	100		
70	49.2	41.0	61.6
55	18.3	20.7	31.1#
61	23.8	21.4	32.2



#75
1,1,2,2-Tetrachloroethane
Concen: 0.311 ug/l
RT: 12.947 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 83	Resp: 889
Ion Ratio	Lower Upper
83 100	
131 0.0	5.6 16.8#
85 57.3	32.6 97.7

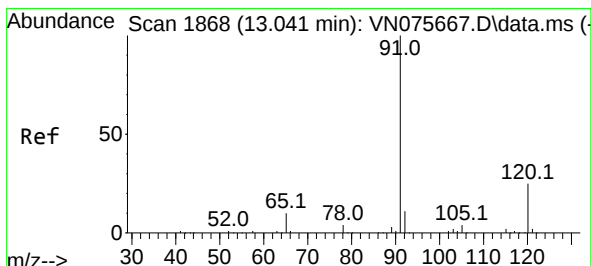
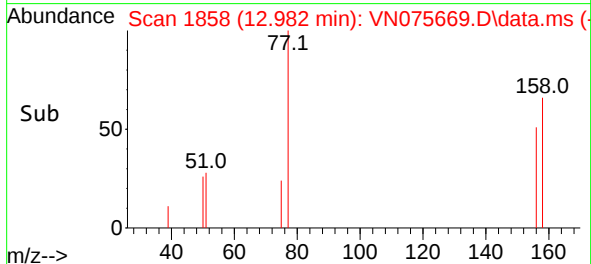
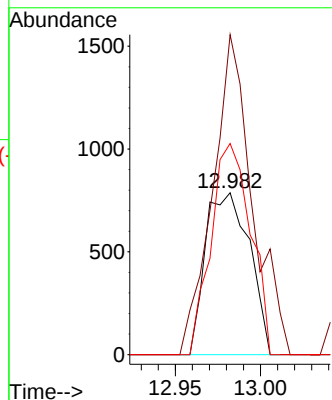
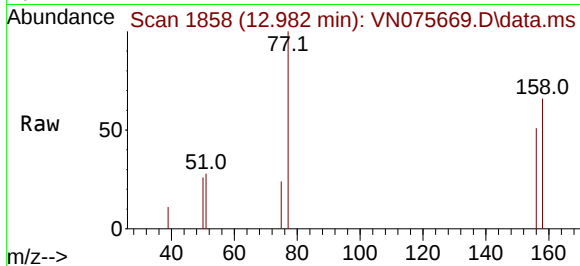




#77
Bromobenzene
Concen: 0.592 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

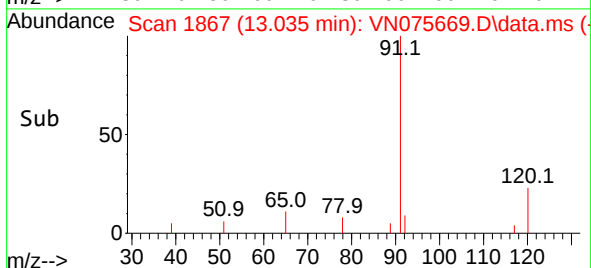
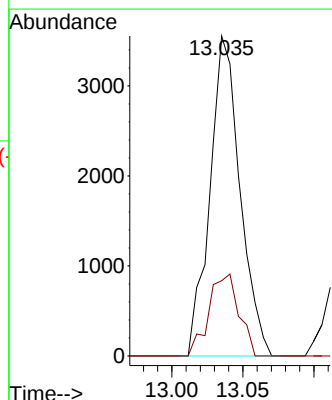
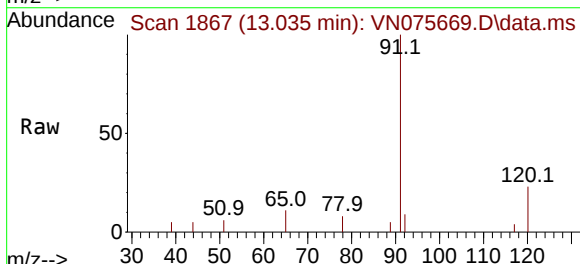
Instrument :
MSVOA_N
ClientSampleId :
IBLK

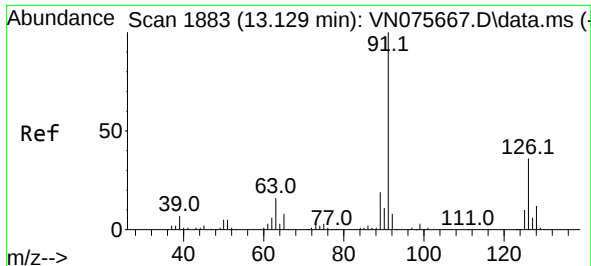
Tgt Ion:156 Resp: 1416
Ion Ratio Lower Upper
156 100
77 177.9 90.8 272.5
158 117.7 49.3 147.8



#78
n-propylbenzene
Concen: 0.497 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 91 Resp: 5252
Ion Ratio Lower Upper
91 100
120 25.5 12.1 36.3





#79

2-Chlorotoluene

Concen: 0.545 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

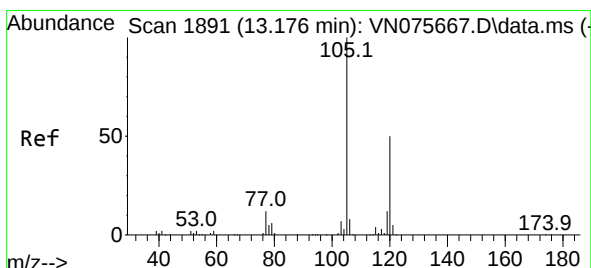
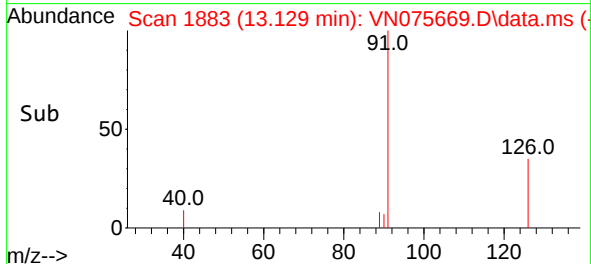
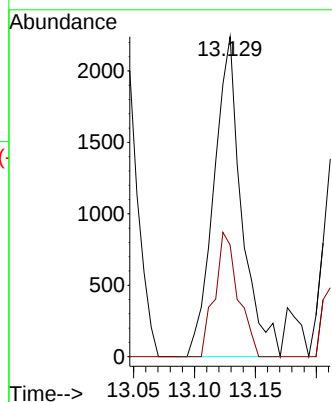
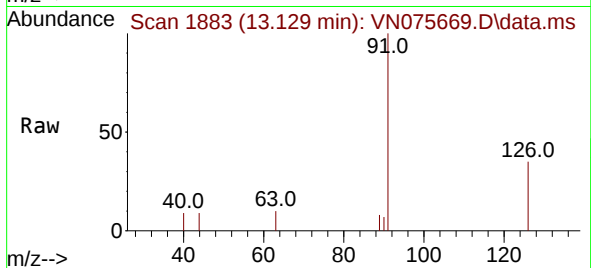
IBLK

Tgt Ion: 91 Resp: 3553

Ion Ratio Lower Upper

91 100

126 32.8 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 0.400 ug/l

RT: 13.170 min Scan# 1890

Delta R.T. -0.006 min

Lab File: VN075669.D

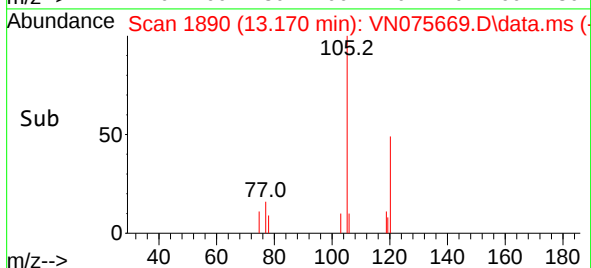
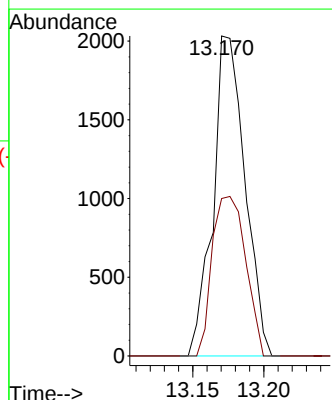
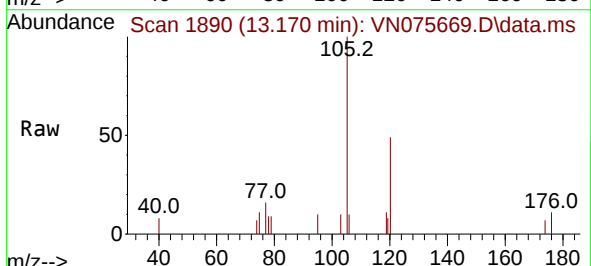
Acq: 09 Dec 2022 14:57

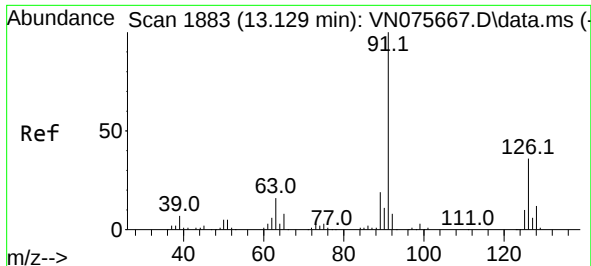
Tgt Ion: 105 Resp: 3181

Ion Ratio Lower Upper

105 100

120 52.2 24.9 74.6

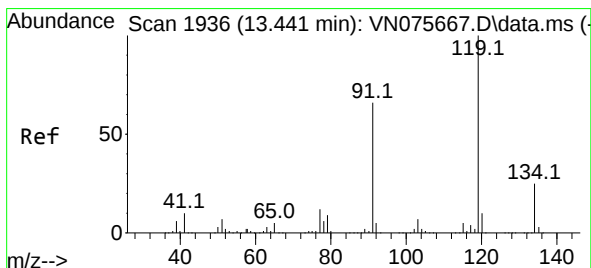
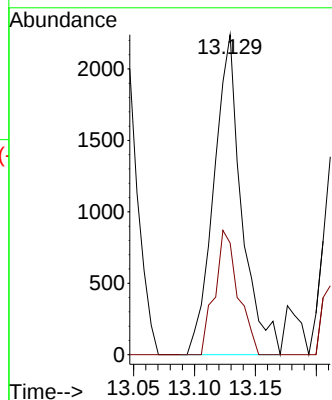
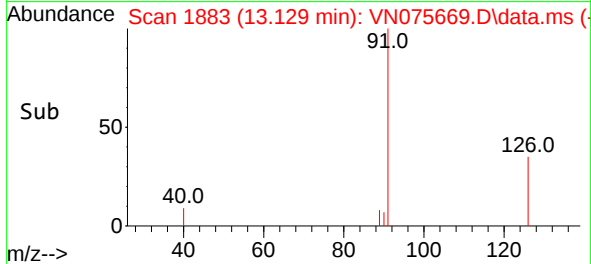
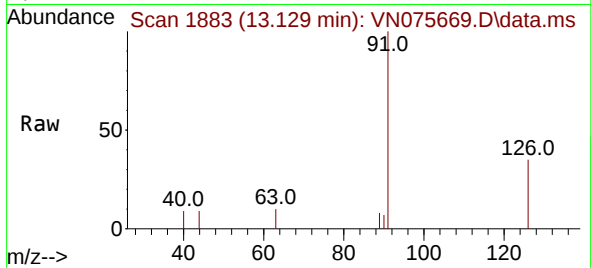




#82
4-Chlorotoluene
Concen: 0.545 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

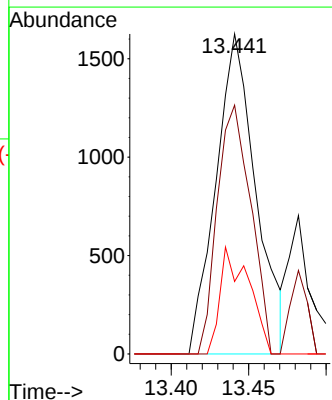
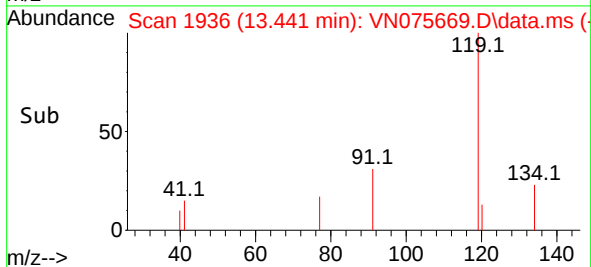
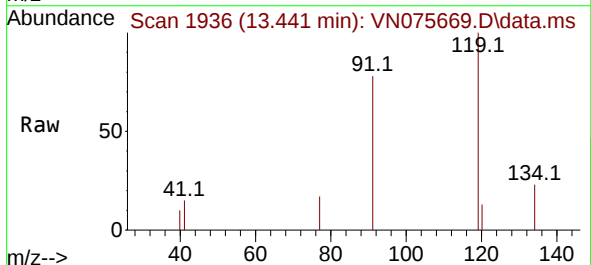
Instrument :
MSVOA_N
ClientSampleId :
IBLK

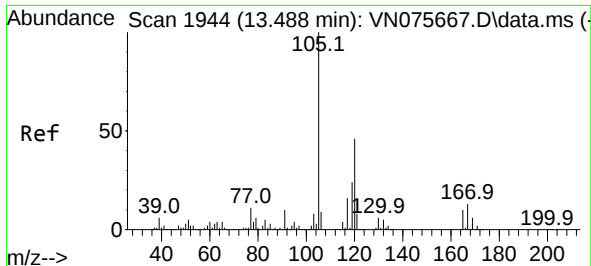
Tgt Ion: 91 Resp: 3553
Ion Ratio Lower Upper
91 100
126 32.8 17.8 53.4



#83
tert-Butylbenzene
Concen: 0.405 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion: 119 Resp: 2920
Ion Ratio Lower Upper
119 100
91 65.2 31.9 95.9
134 24.0 13.9 41.7

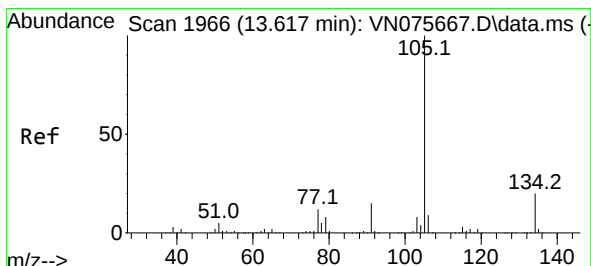
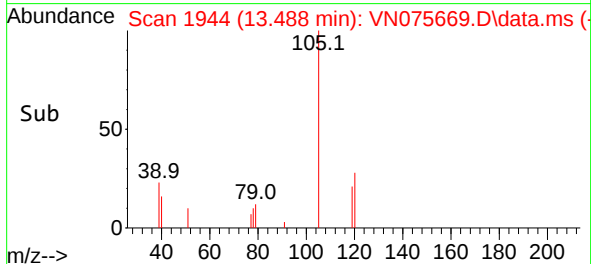
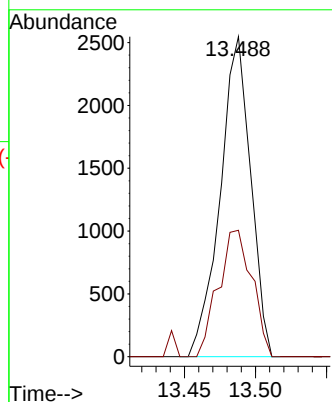
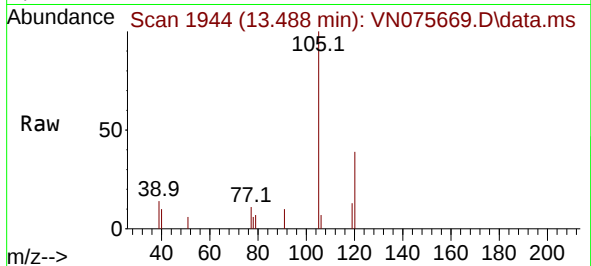




#84
1,2,4-Trimethylbenzene
Concen: 0.475 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

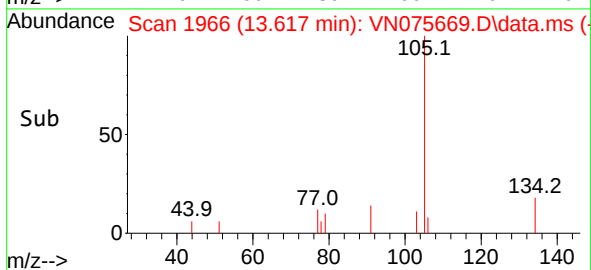
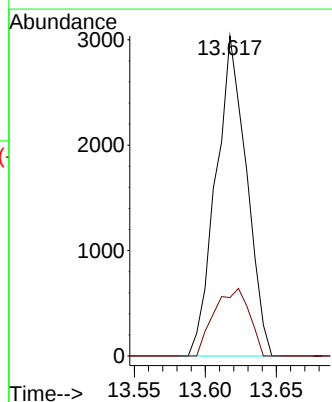
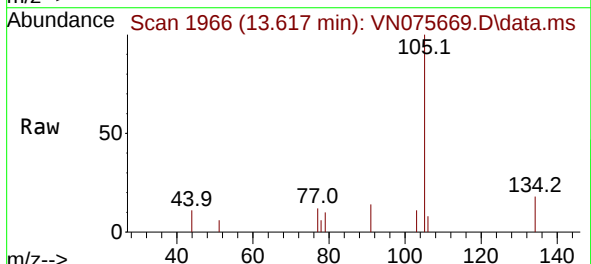
Instrument :
MSVOA_N
ClientSampleId :
IBLK

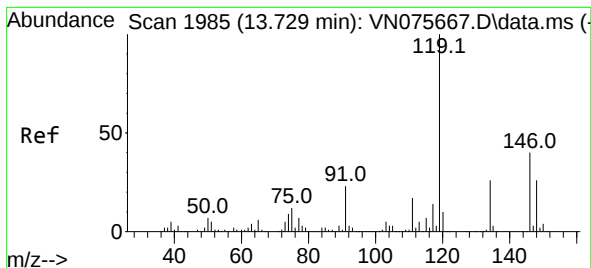
Tgt Ion:105 Resp: 3801
Ion Ratio Lower Upper
105 100
120 43.7 23.1 69.2



#85
sec-Butylbenzene
Concen: 0.459 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion:105 Resp: 4548
Ion Ratio Lower Upper
105 100
134 24.2 10.2 30.6





#86

p-Isopropyltoluene

Concen: 0.436 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

IBLK

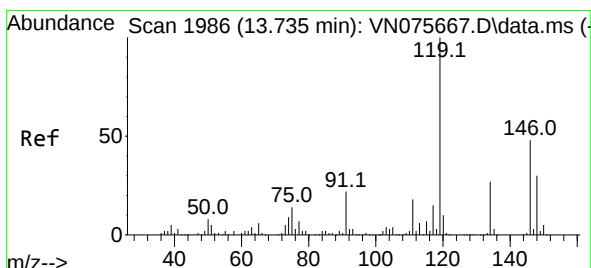
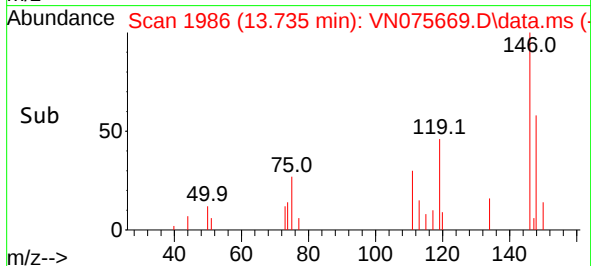
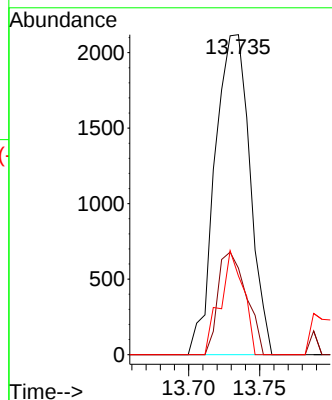
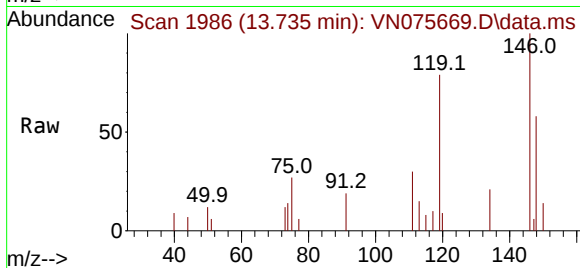
Tgt Ion:119 Resp: 3622

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 21.5 11.4 34.1



#87

1,3-Dichlorobenzene

Concen: 0.941 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

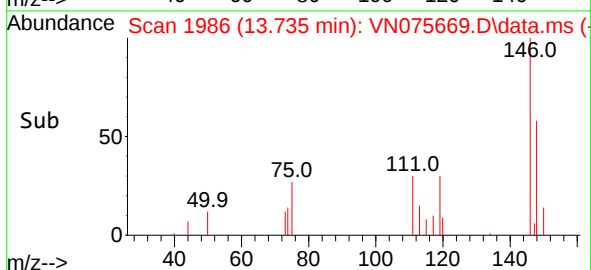
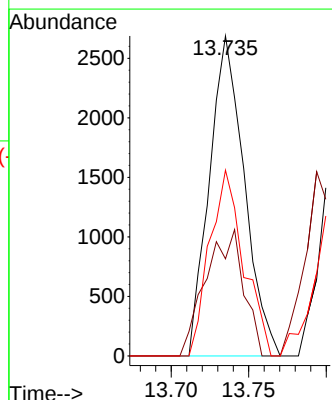
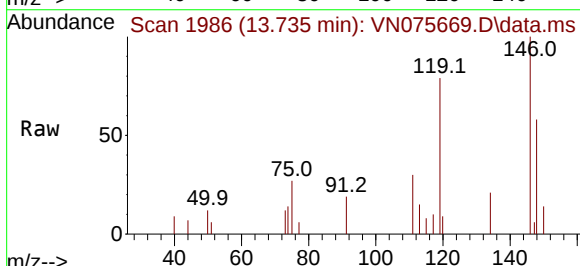
Tgt Ion:146 Resp: 4211

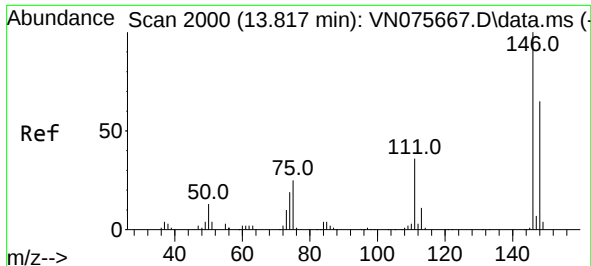
Ion Ratio Lower Upper

146 100

111 42.7 19.8 59.3

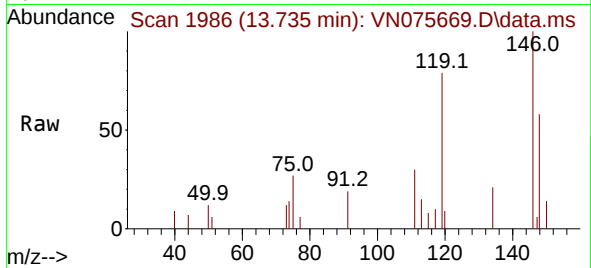
148 56.7 32.1 96.3



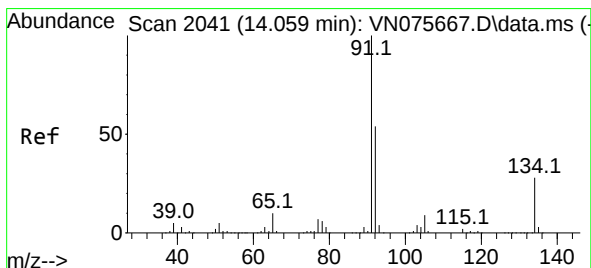
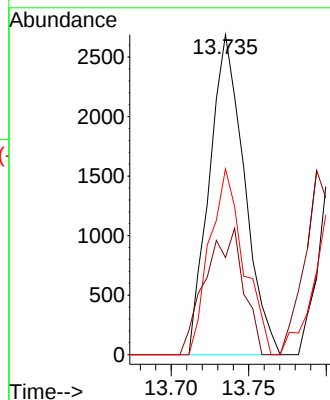
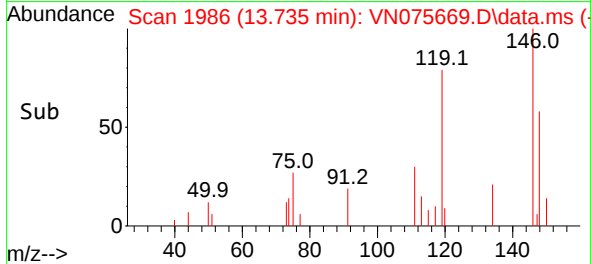


#88
1,4-Dichlorobenzene
Concen: 0.925 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.082 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

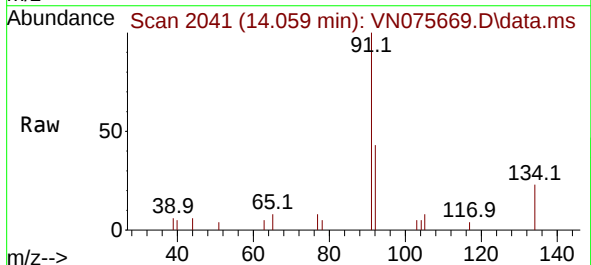
Instrument :
MSVOA_N
ClientSampleId :
IBLK



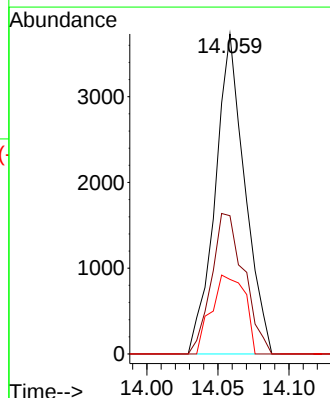
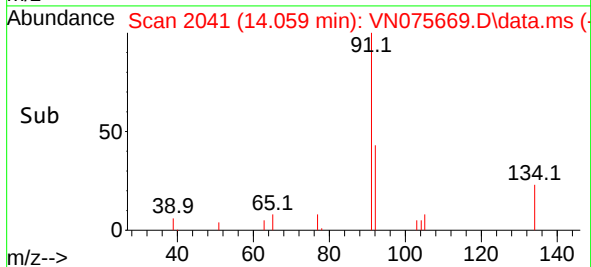
Tgt Ion:146 Resp: 4211
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.1
148 56.7 32.1 96.3

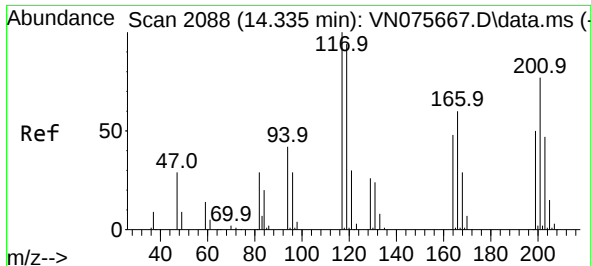


#89
n-Butylbenzene
Concen: 0.813 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57



Tgt Ion: 91 Resp: 5408
Ion Ratio Lower Upper
91 100
92 48.3 26.7 80.1
134 27.8 13.9 41.7

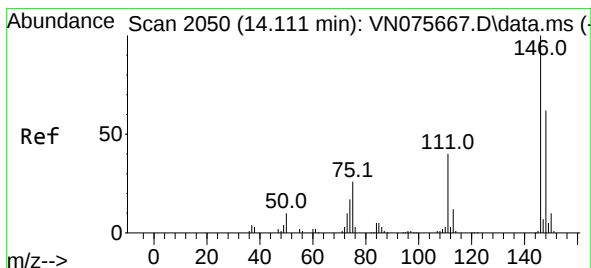
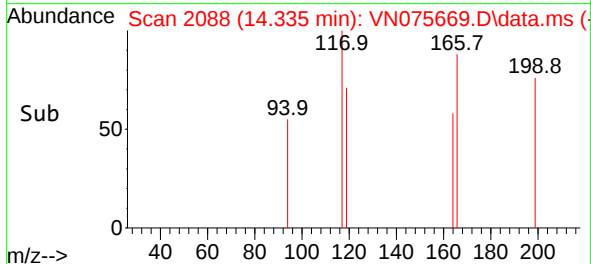
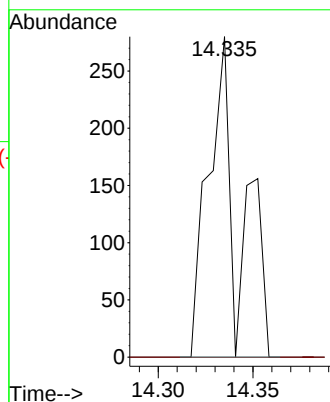
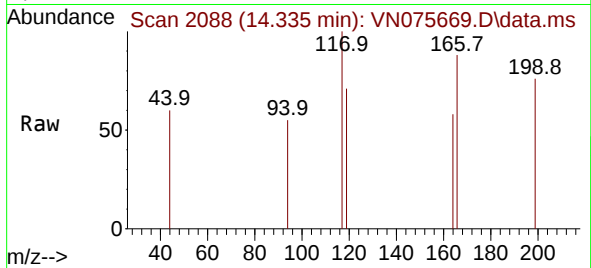




#90
Hexachloroethane
Concen: 0.224 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

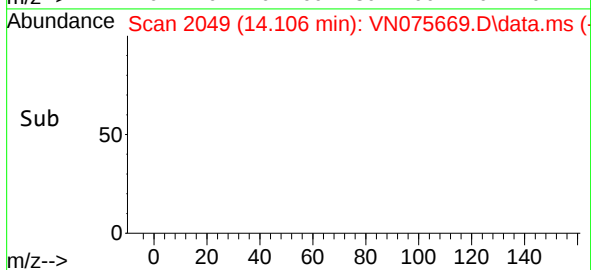
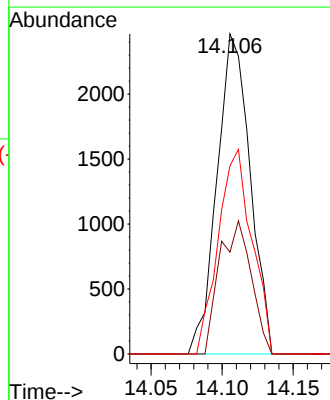
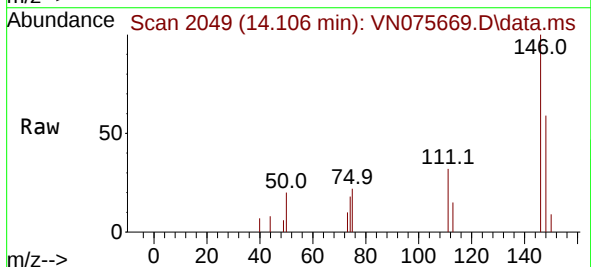
Instrument :
MSVOA_N
ClientSampleId :
IBLK

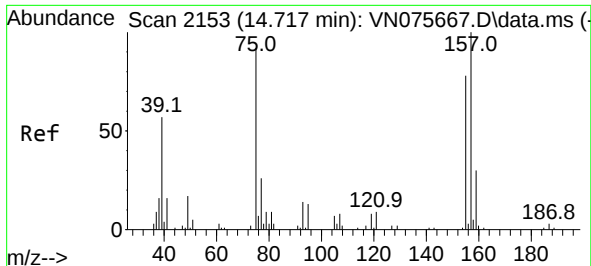
Tgt Ion:117 Resp: 318
Ion Ratio Lower Upper
117 100
201 0.0 39.2 117.6#



#91
1,2-Dichlorobenzene
Concen: 0.896 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

Tgt Ion:146 Resp: 3992
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.3
148 65.0 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.726 ug/l

RT: 14.717 min Scan# 2153

Delta R.T. -0.000 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

Instrument :

MSVOA_N

ClientSampleId :

IBLK

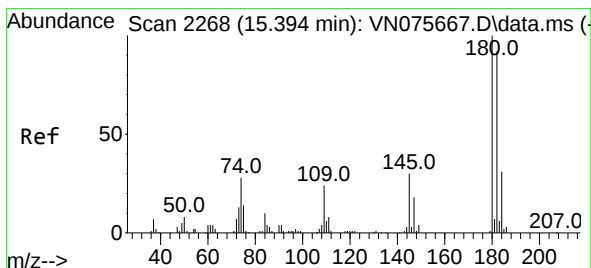
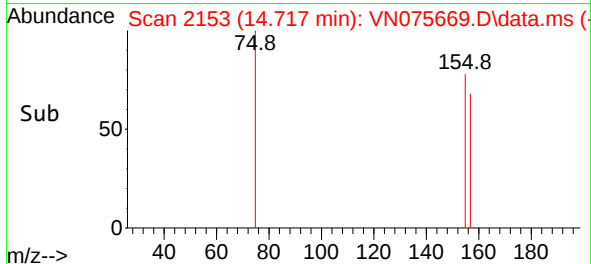
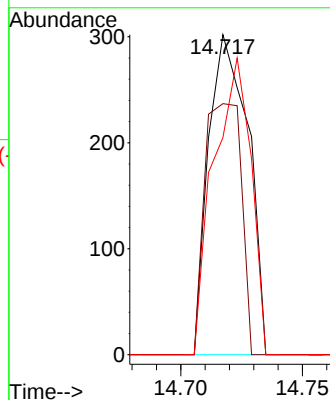
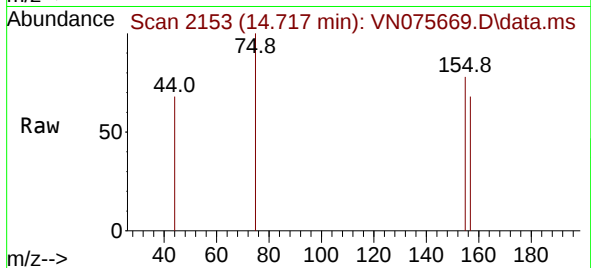
Tgt Ion: 75 Resp: 341

Ion Ratio Lower Upper

75 100

155 72.4 48.4 145.2

157 87.1 63.5 190.6



#93

1,2,4-Trichlorobenzene

Concen: 2.409 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN075669.D

Acq: 09 Dec 2022 14:57

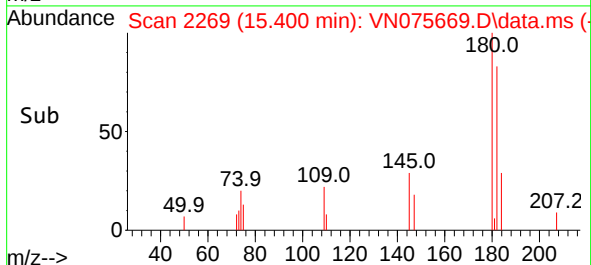
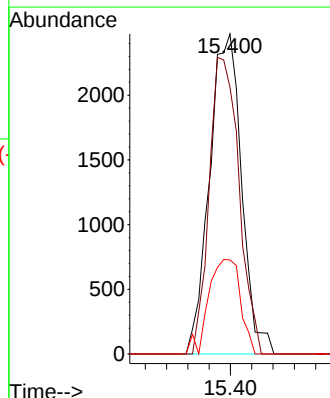
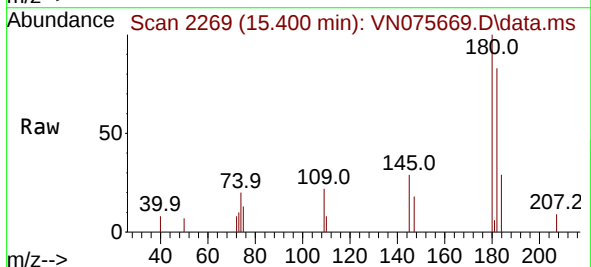
Tgt Ion: 180 Resp: 5150

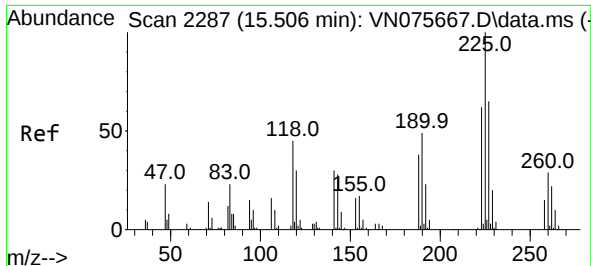
Ion Ratio Lower Upper

180 100

182 86.1 47.1 141.3

145 29.3 15.2 45.5

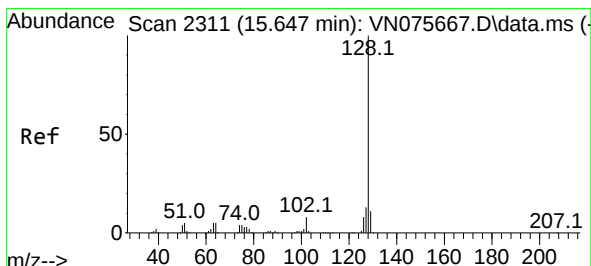
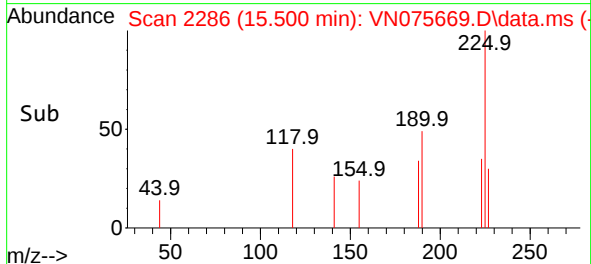
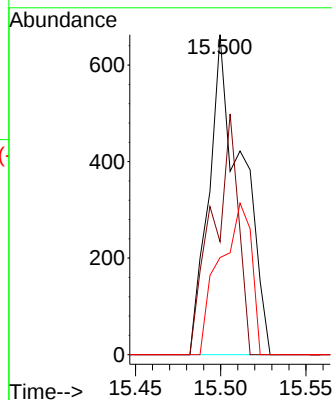
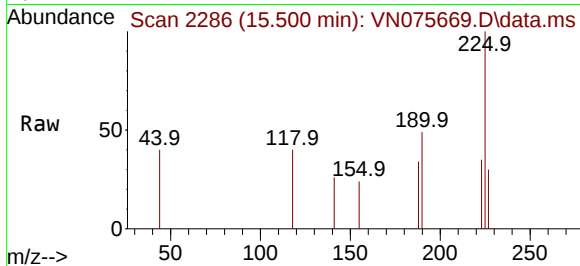




#94
Hexachlorobutadiene
Concen: 0.738 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

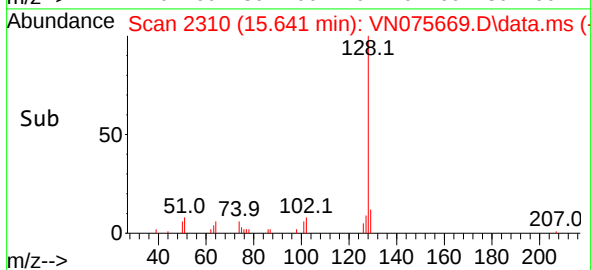
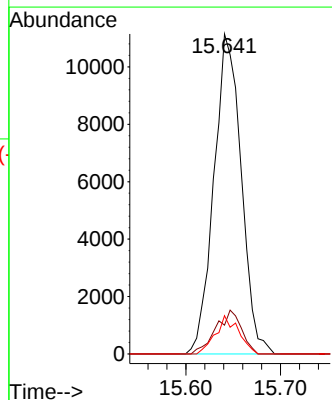
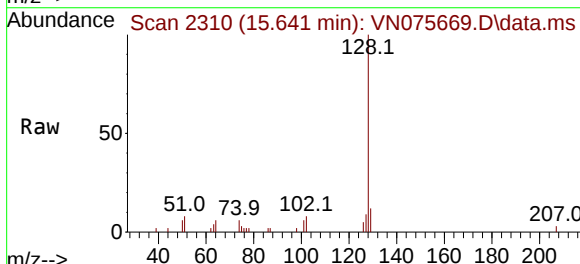
Instrument :
MSVOA_N
ClientSampleId :
IBLK

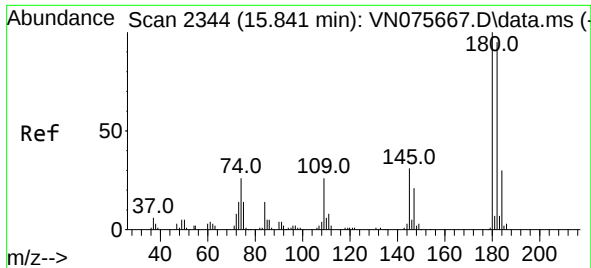
Tgt Ion:225	Resp:	895
Ion Ratio	Lower	Upper
225	100	
223	58.0	31.4 94.2
227	45.4	31.3 93.9



#95
Naphthalene
Concen: 3.533 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075669.D
Acq: 09 Dec 2022 14:57

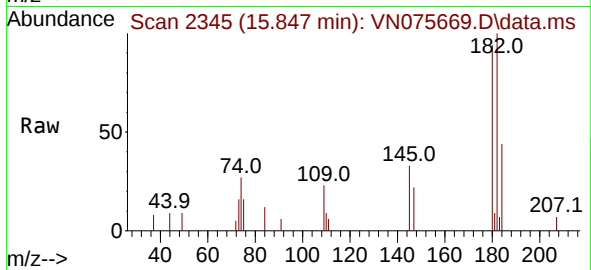
Tgt Ion:128	Resp:	22327
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.4
129	10.1	8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 2.792 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075669.D
 Acq: 09 Dec 2022 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	5866
Ion	Ratio	Lower	Upper
180	100		
182	102.1	46.8	140.4
145	33.0	15.6	46.8

