

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077438.D
 Acq On : 24 Apr 2023 14:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 25 02:05:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	583668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1091367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	967233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	349828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	378615	49.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.480%
35) Dibromofluoromethane	8.172	113	336958	51.512	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.020%
50) Toluene-d8	10.572	98	1327240	53.057	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.120%
62) 4-Bromofluorobenzene	12.854	95	409137	49.898	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	1384	0.494	ug/l #	43
3) Chloromethane	2.372	50	1778	0.304	ug/l #	87
5) Bromomethane	2.990	94	7756	1.051	ug/l #	74
10) Methyl Iodide	4.613	142	6372	0.785	ug/l #	94
13) Acrolein	4.201	56	1561	1.296	ug/l	88
15) Acrylonitrile	5.731	53	3206	1.156	ug/l #	43
16) Acetone	4.442	43	2405	0.993	ug/l #	77
17) Carbon Disulfide	4.725	76	12905	0.780	ug/l	98
18) Methyl Acetate	5.054	43	3554	0.380	ug/l #	80
20) Methylene Chloride	5.307	84	2638	0.343	ug/l #	72
21) trans-1,2-Dichloroethene	5.801	96	2644	0.375	ug/l #	88
25) 2-Butanone	7.519	43	2941	0.856	ug/l #	68
31) Cyclohexane	8.230	56	15326	1.206	ug/l #	22
36) 1,1-Dichloropropene	8.378	75	2437	0.257	ug/l #	79
38) Carbon Tetrachloride	8.230	117	63517	6.075	ug/l #	15
42) 1,2-Dichloroethane	8.678	62	2190	0.221	ug/l	95
44) Trichloroethene	9.354	130	2407	0.326	ug/l	51
46) Dibromomethane	9.701	93	1170	0.213	ug/l #	37
49) 1,4-Dioxane	9.719	88	546	3.838	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	4980	0.682	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	2157	0.201	ug/l #	70
58) 2-Chloroethyl Vinyl ether	10.172	63	894	0.248	ug/l #	71
59) 2-Hexanone	11.201	43	9091	1.712	ug/l	97
64) Tetrachloroethene	11.101	164	1594	0.275	ug/l #	84
65) Chlorobenzene	11.901	112	5977	0.292	ug/l #	76
67) Ethyl Benzene	11.966	91	7906	0.219	ug/l	89
68) m/p-Xylenes	12.083	106	6952	0.496	ug/l	86
70) Styrene	12.413	104	6454	0.300	ug/l	92
74) N-amyl acetate	12.495	43	5726	0.596	ug/l	98
76) 1,2,3-Trichloropropane	12.854	75	220898	26.575	ug/l #	1
77) Bromobenzene	12.989	156	3981	0.563	ug/l	73
78) n-propylbenzene	13.042	91	13493	0.376	ug/l	100
79) 2-Chlorotoluene	13.136	91	7418	0.335	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.854	75	220898	78.884	ug/l #	15
82) 4-Chlorotoluene	13.224	91	12623	0.610	ug/l	100
83) tert-Butylbenzene	13.448	119	5439	0.232	ug/l	77

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077438.D
 Acq On : 24 Apr 2023 14:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 25 02:05:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

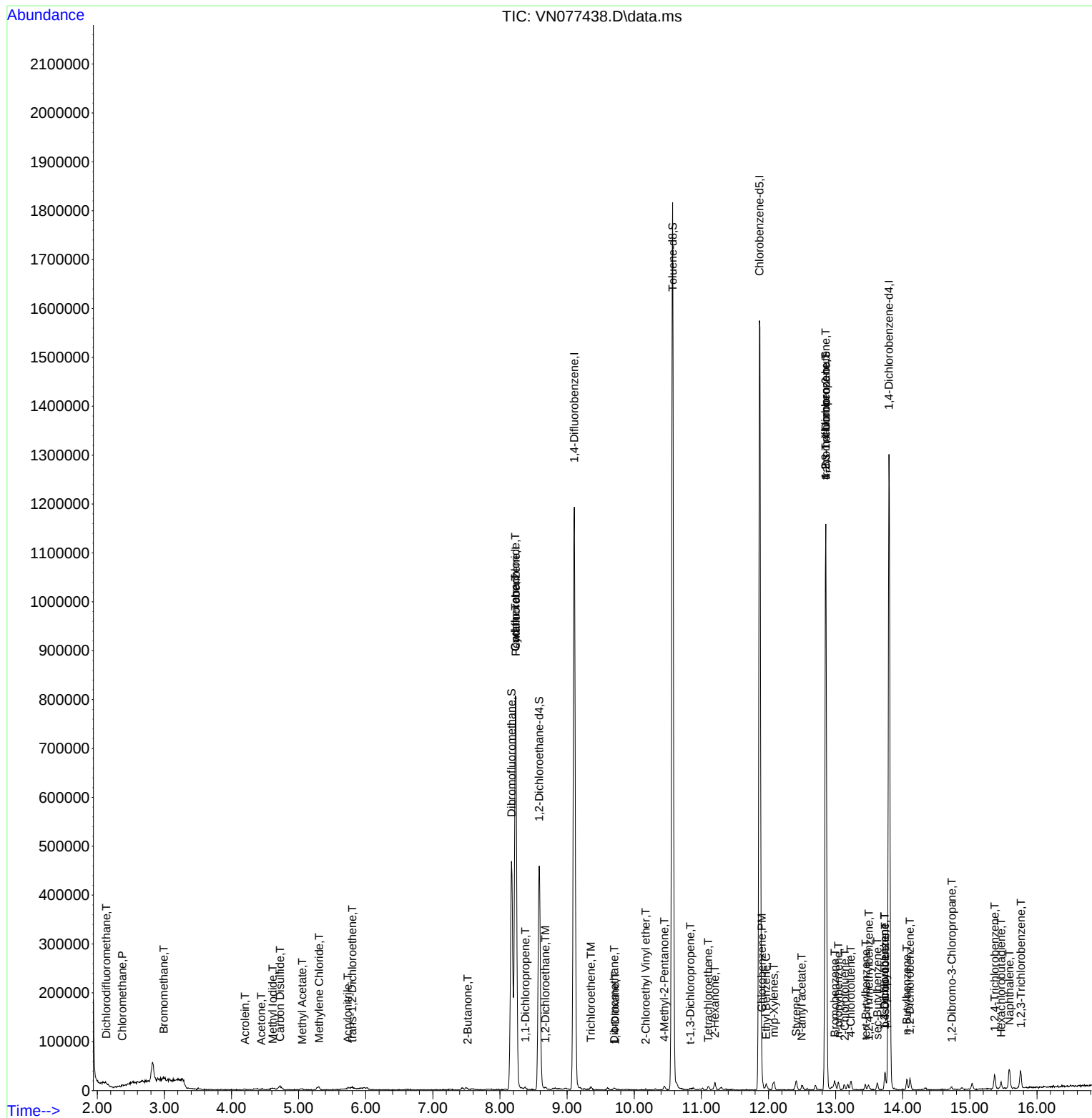
84) 1,2,4-Trimethylbenzene	13.495	105	6189	0.275	ug/l	95
85) sec-Butylbenzene	13.624	105	9698	0.302	ug/l	90
86) p-Isopropyltoluene	13.736	119	9377	0.379	ug/l	94
87) 1,3-Dichlorobenzene	13.730	146	8760	0.696	ug/l	93
88) 1,4-Dichlorobenzene	13.730	146	8760	0.706	ug/l	92
89) n-Butylbenzene	14.060	91	11745	0.614	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	9395	0.753	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.730	75	1835	0.973	ug/l	94
93) 1,2,4-Trichlorobenzene	15.371	180	8454	4.012	ug/l	95
94) Hexachlorobutadiene	15.465	225	2018	0.800	ug/l	95
95) Naphthalene	15.589	128	37069	4.913	ug/l	97
96) 1,2,3-Trichlorobenzene	15.759	180	11280	5.090	ug/l	96

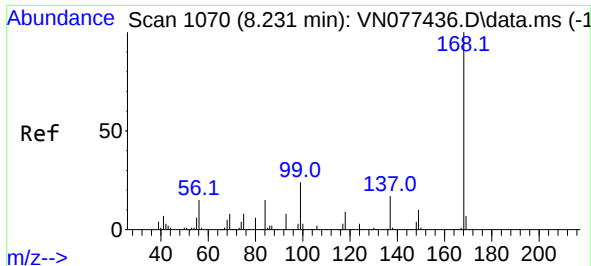
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077438.D
 Acq On : 24 Apr 2023 14:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 25 02:05:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

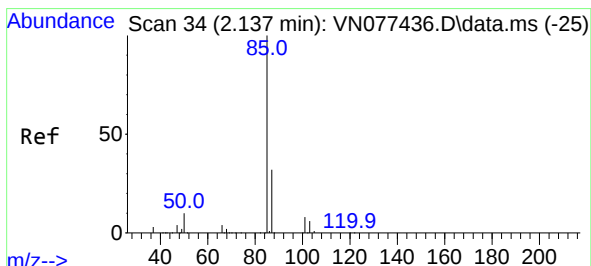
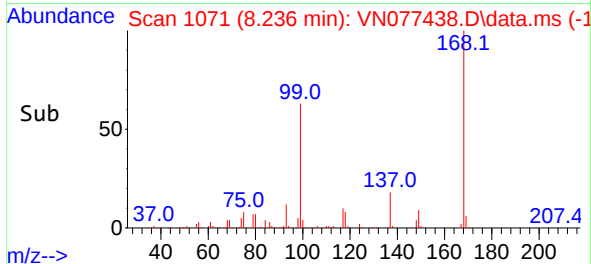
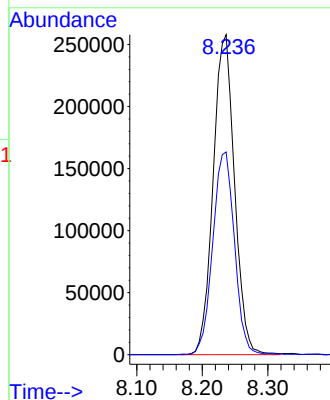
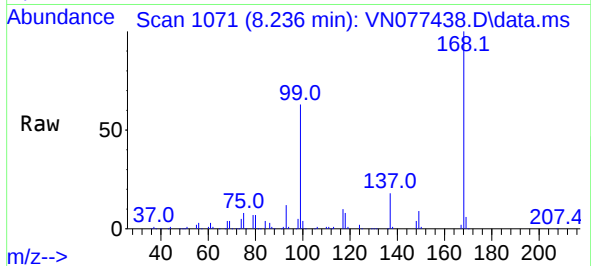




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

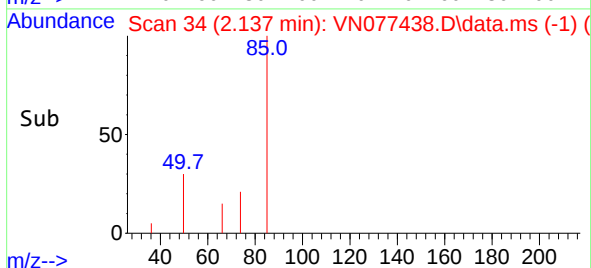
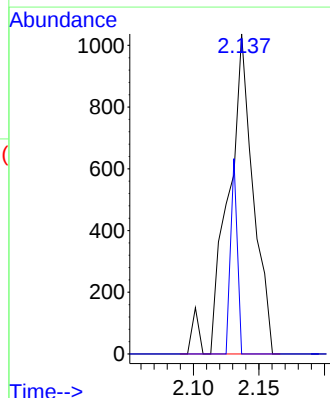
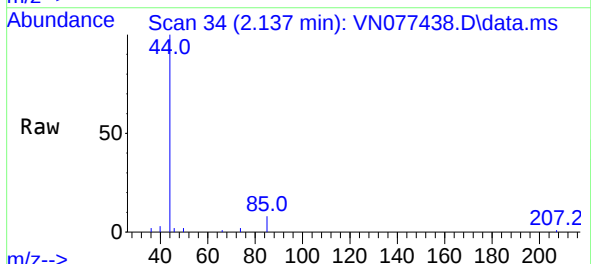
Instrument :
MSVOA_N
ClientSampleId :
IBLK

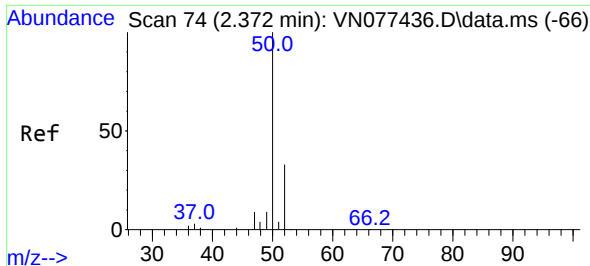
Tgt Ion:168 Resp: 583668
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.494 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 85 Resp: 1384
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

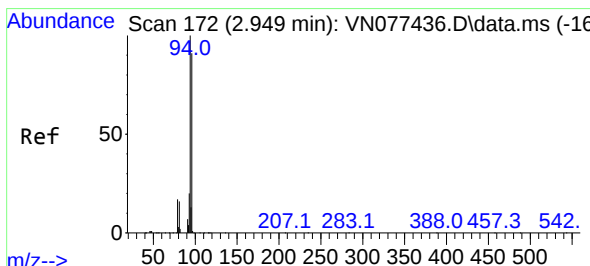
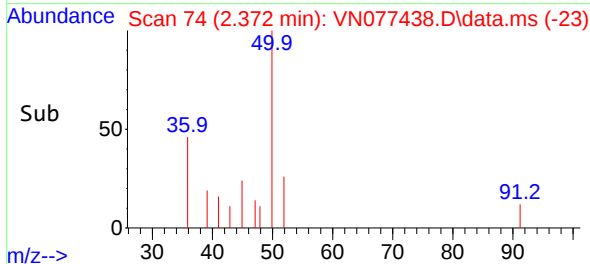
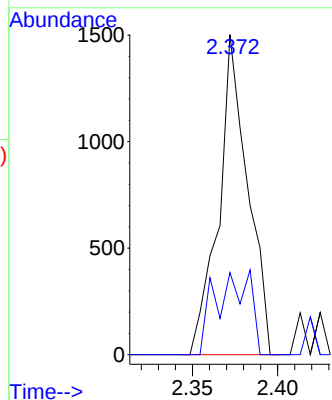
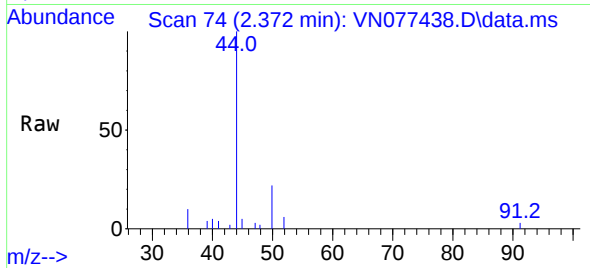




#3
Chloromethane
Concen: 0.304 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

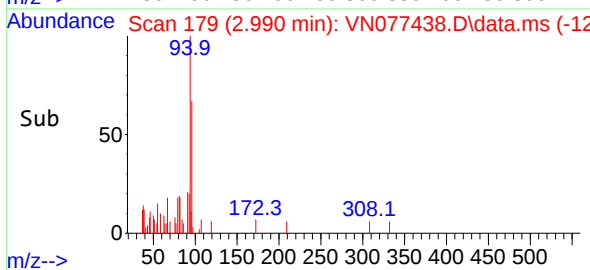
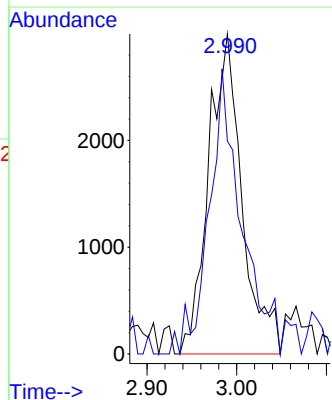
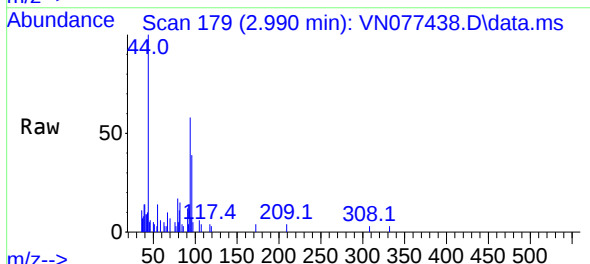
Instrument :
MSVOA_N
ClientSampleId :
IBLK

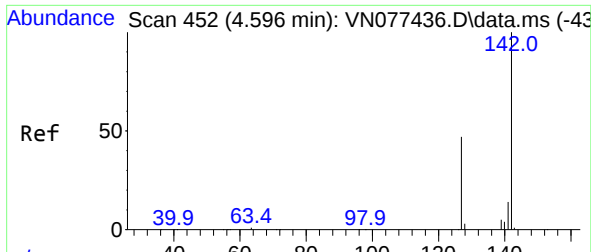
Tgt Ion: 50 Resp: 1778
Ion Ratio Lower Upper
50 100
52 25.6 26.5 39.7#



#5
Bromomethane
Concen: 1.051 ug/l
RT: 2.990 min Scan# 179
Delta R.T. 0.041 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 94 Resp: 7756
Ion Ratio Lower Upper
94 100
96 66.6 73.1 109.7#

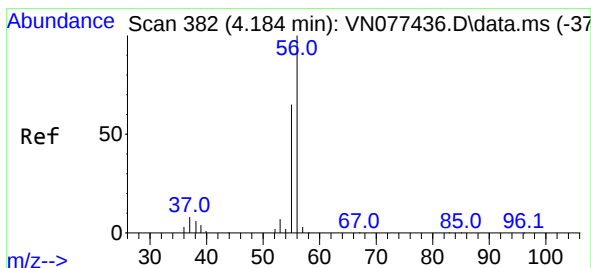
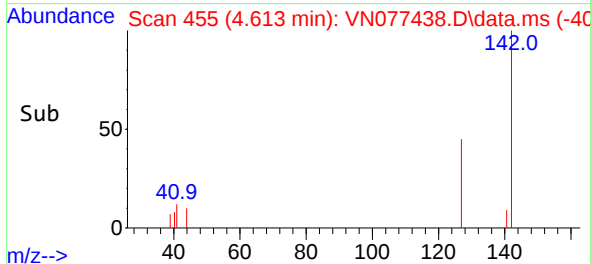
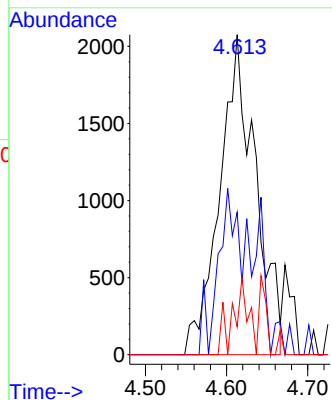
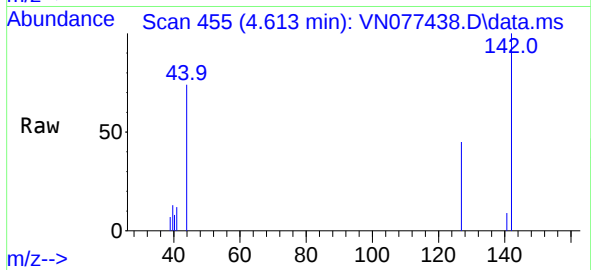




#10
Methyl Iodide
Concen: 0.785 ug/l
RT: 4.613 min Scan# 411
Delta R.T. 0.017 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

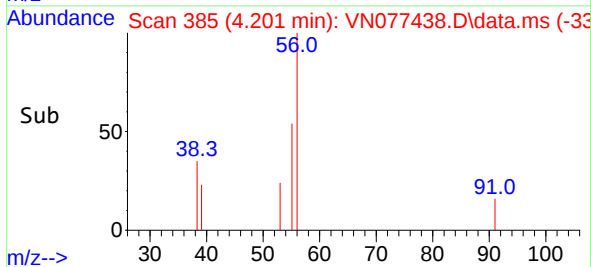
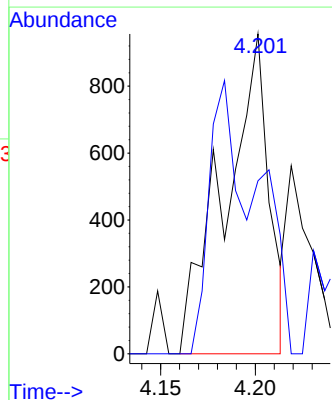
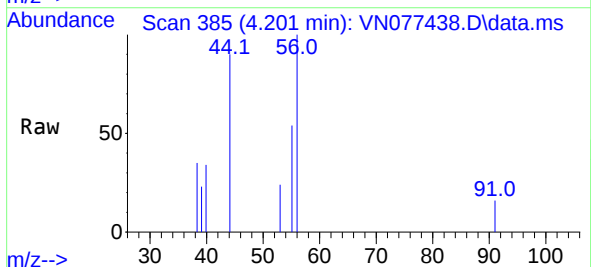
Instrument :
MSVOA_N
ClientSampleId :
IBLK

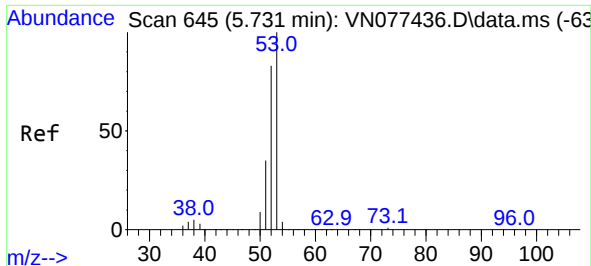
Tgt Ion:142 Resp: 6372
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 8.7 11.4 17.0#



#13
Acrolein
Concen: 1.296 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.017 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 56 Resp: 1561
Ion Ratio Lower Upper
56 100
55 58.4 54.5 81.7

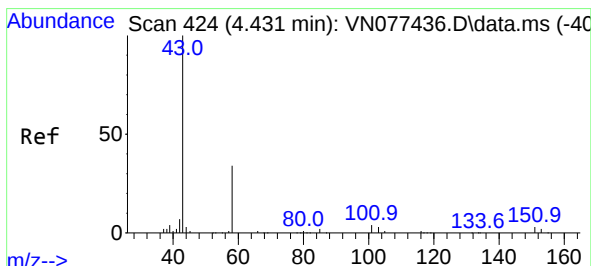
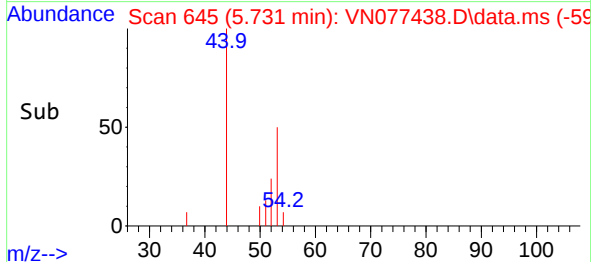
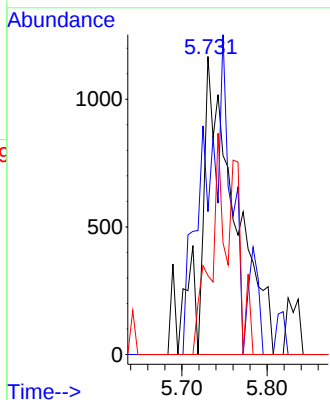
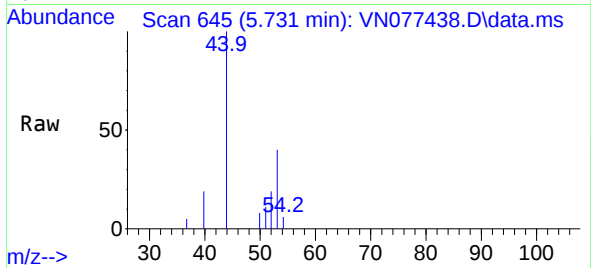




#15
Acrylonitrile
Concen: 1.156 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

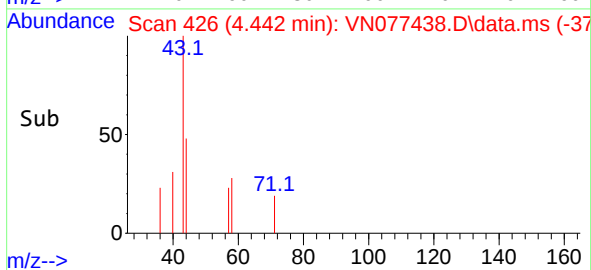
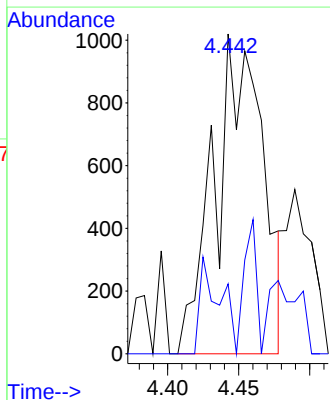
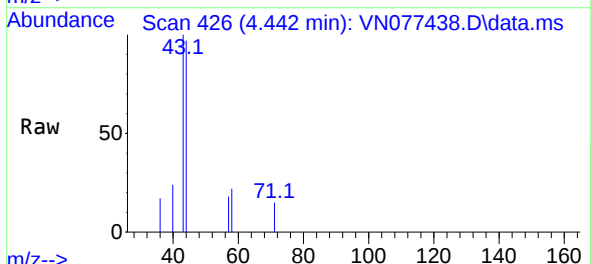
Instrument :
MSVOA_N
ClientSampleId :
IBLK

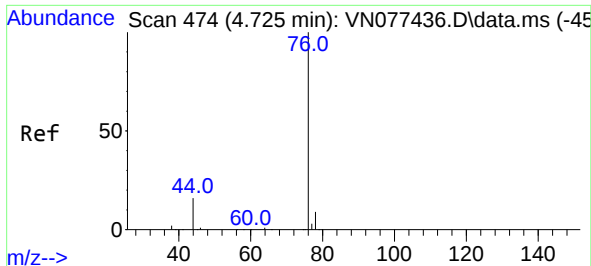
Tgt Ion: 53 Resp: 3206
Ion Ratio Lower Upper
53 100
52 31.9 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.993 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 43 Resp: 2405
Ion Ratio Lower Upper
43 100
58 21.9 28.0 42.0#

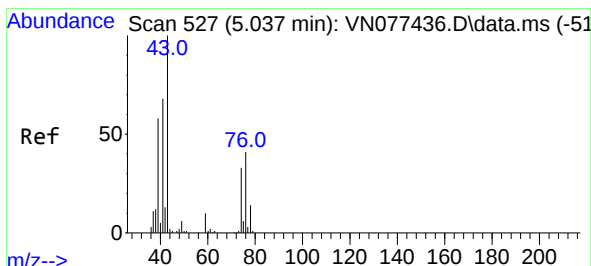
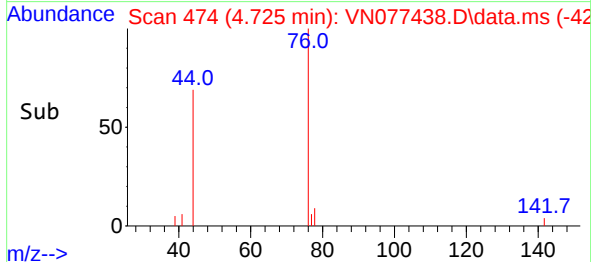
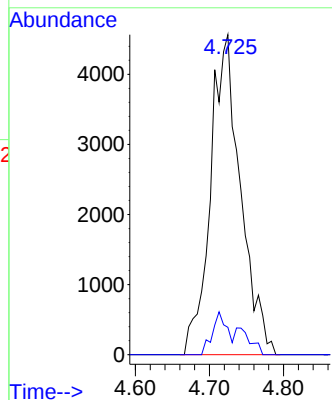
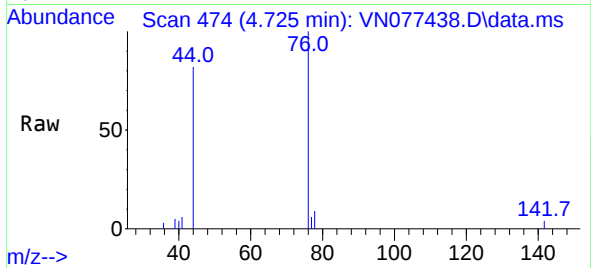




#17
Carbon Disulfide
Concen: 0.780 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

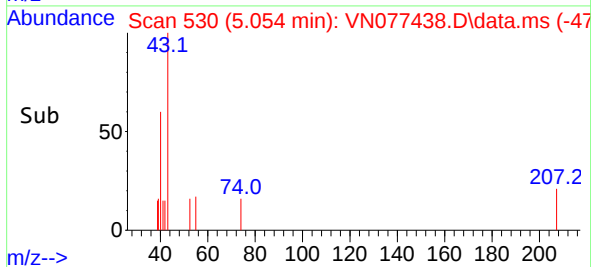
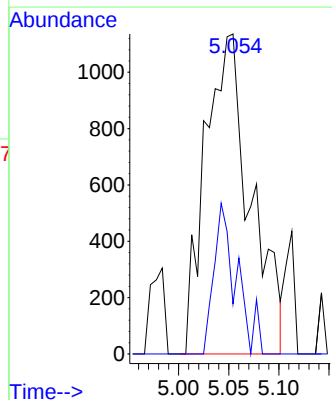
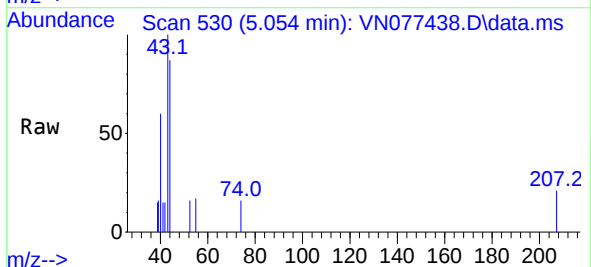
Instrument :
MSVOA_N
ClientSampleId :
IBLK

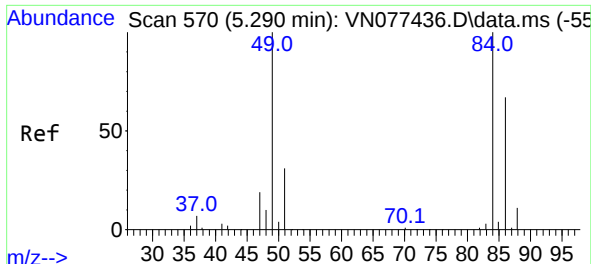
Tgt Ion: 76 Resp: 12905
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 0.380 ug/l
RT: 5.054 min Scan# 530
Delta R.T. 0.017 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

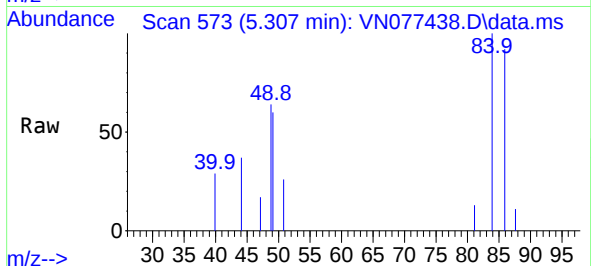
Tgt Ion: 43 Resp: 3554
Ion Ratio Lower Upper
43 100
74 21.5 26.2 39.4#





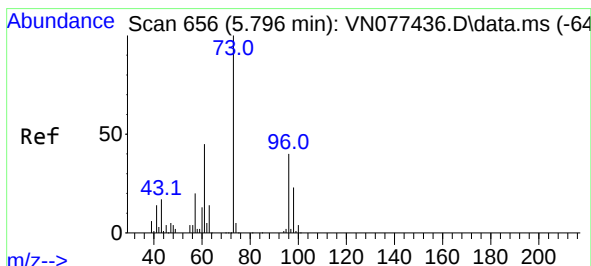
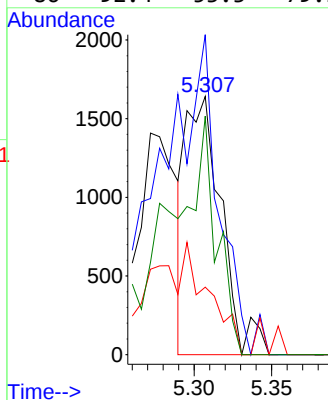
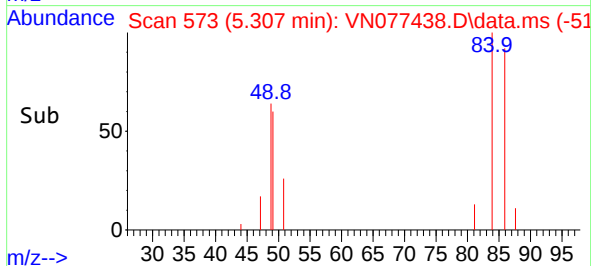
#20
Methylene Chloride
Concen: 0.343 ug/l
RT: 5.307 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
IBLK

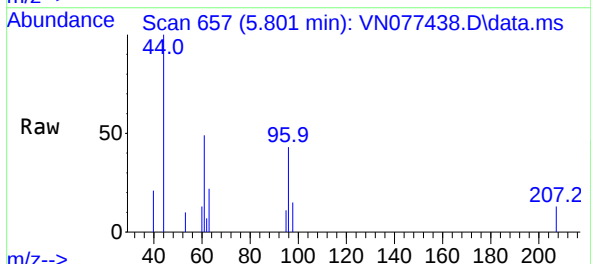


Tgt Ion: 84 Resp: 2638

Ion	Ratio	Lower	Upper
84	100		
49	123.9	79.7	119.5#
51	15.1	25.2	37.8#
86	92.4	53.3	79.9#

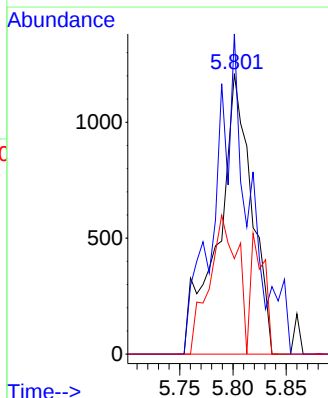
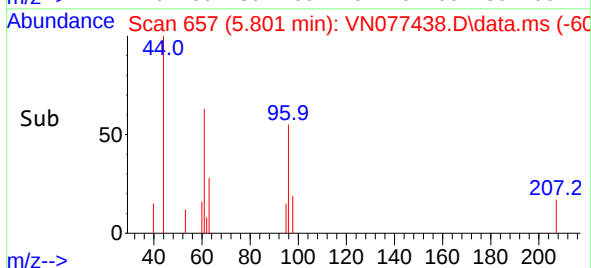


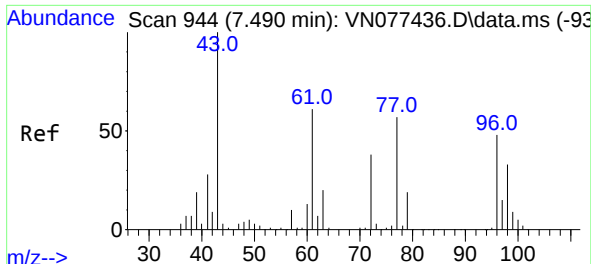
#21
trans-1,2-Dichloroethene
Concen: 0.375 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03



Tgt Ion: 96 Resp: 2644

Ion	Ratio	Lower	Upper
96	100		
61	114.1	90.1	135.1
98	34.0	46.4	69.6#





#25

2-Butanone

Concen: 0.856 ug/l

RT: 7.519 min Scan# 94

Delta R.T. 0.029 min

Lab File: VN077438.D

Acq: 24 Apr 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

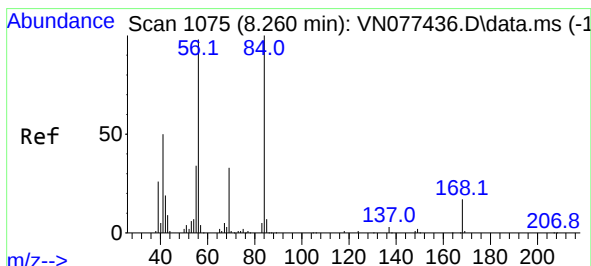
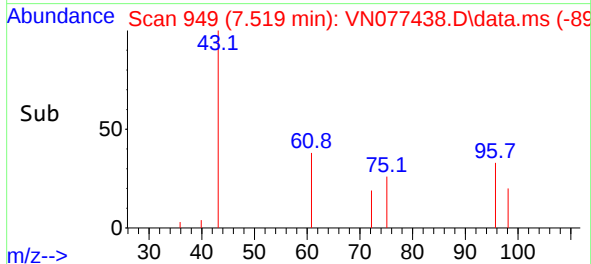
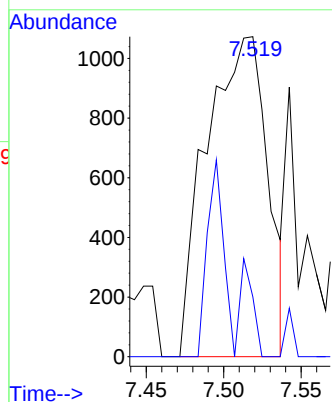
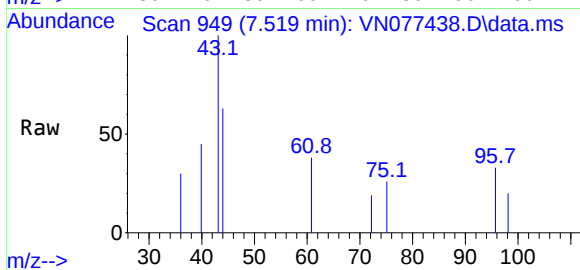
IBLK

Tgt Ion: 43 Resp: 2941

Ion Ratio Lower Upper

43 100

72 18.7 30.2 45.2#



#31

Cyclohexane

Concen: 1.206 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.030 min

Lab File: VN077438.D

Acq: 24 Apr 2023 14:03

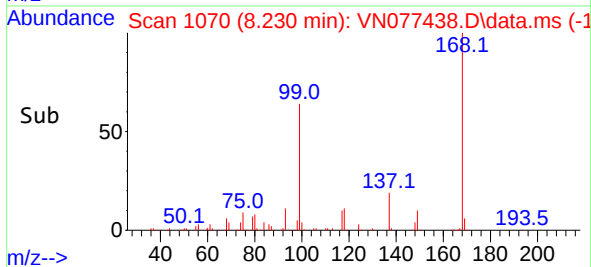
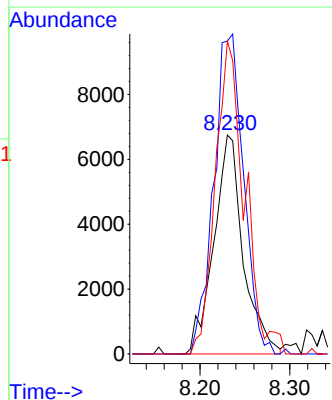
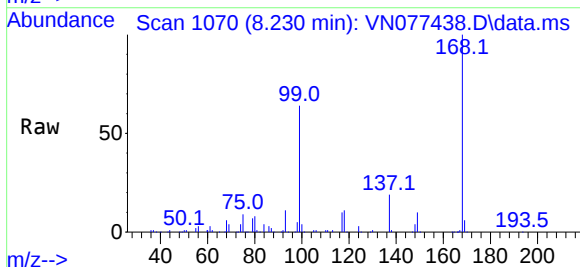
Tgt Ion: 56 Resp: 15326

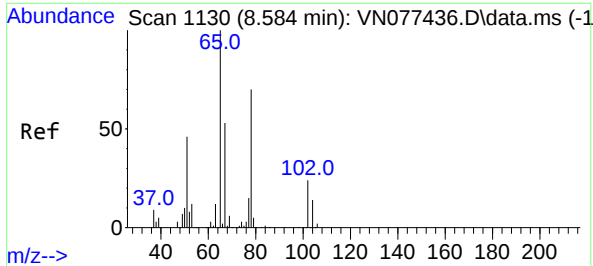
Ion Ratio Lower Upper

56 100

69 142.9 26.8 40.2#

84 143.0 81.8 122.6#

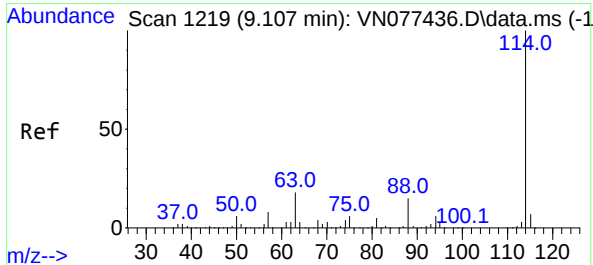
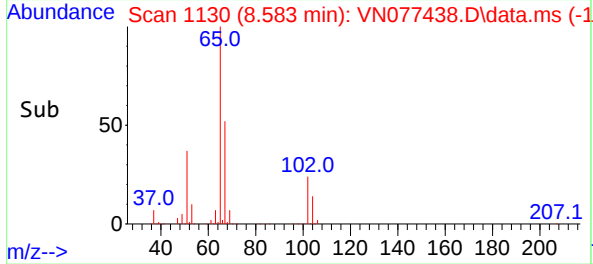
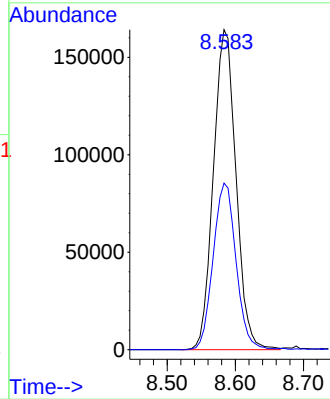
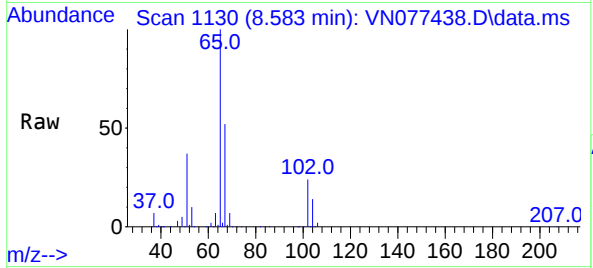




#33
 1,2-Dichloroethane-d4
 Concen: 49.739 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN077438.D
 Acq: 24 Apr 2023 14:03

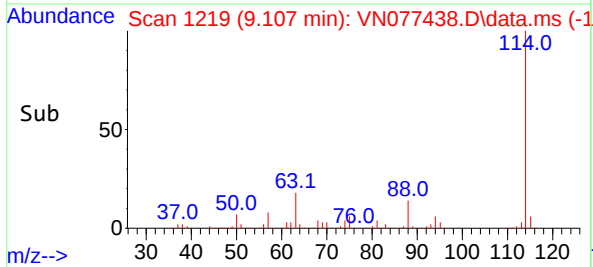
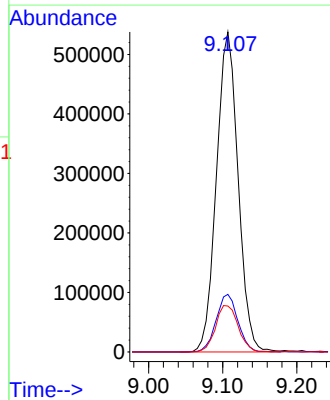
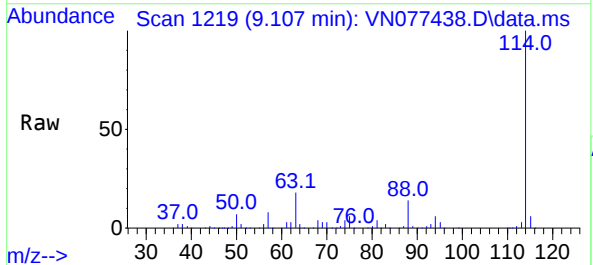
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

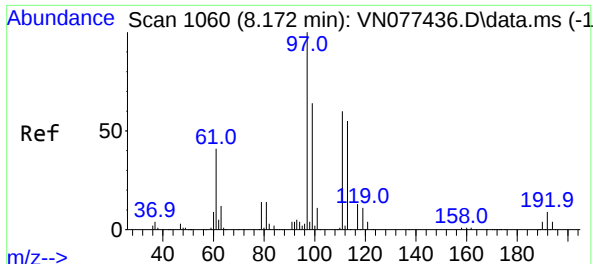
Tgt Ion:	65	Resp:	378615
Ion Ratio	Lower	Upper	
65	100		
67	52.7	0.0	106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077438.D
 Acq: 24 Apr 2023 14:03

Tgt Ion:	114	Resp:	1091367
Ion Ratio	Lower	Upper	
114	100		
63	18.0	0.0	36.4
88	14.3	0.0	30.6

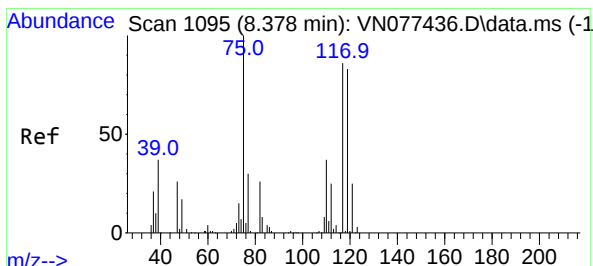
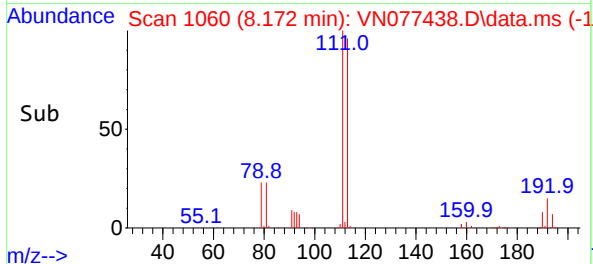
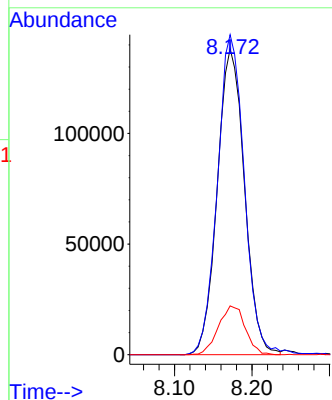
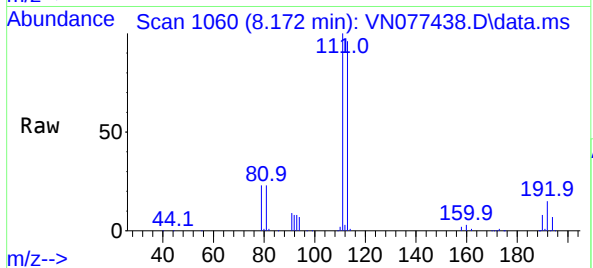




#35
Dibromofluoromethane
Concen: 51.512 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

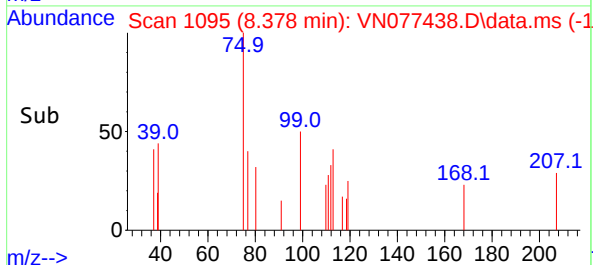
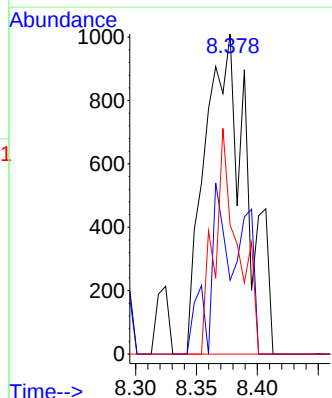
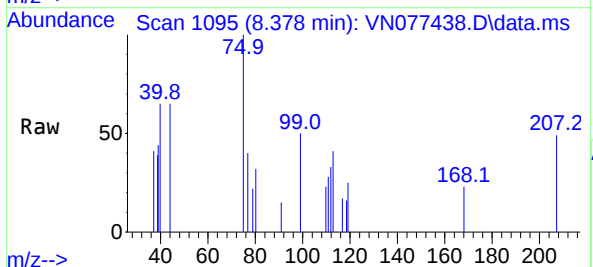
Instrument :
MSVOA_N
ClientSampleId :
IBLK

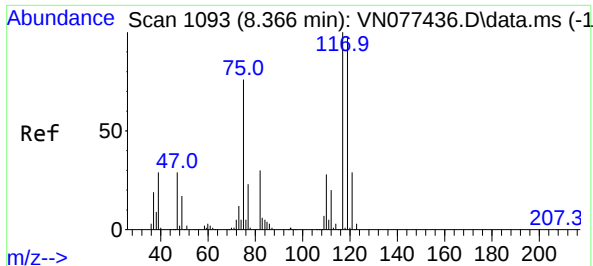
Tgt Ion:113 Resp: 336958
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 15.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 0.257 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 75 Resp: 2437
Ion Ratio Lower Upper
75 100
110 22.4 19.1 57.3
77 38.7 25.0 37.4#

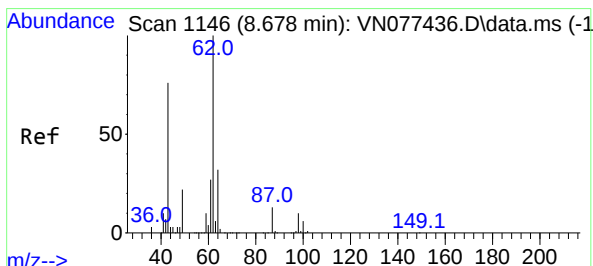
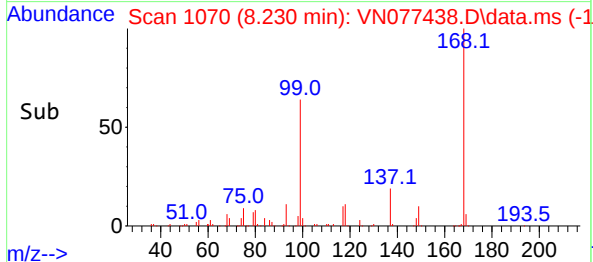
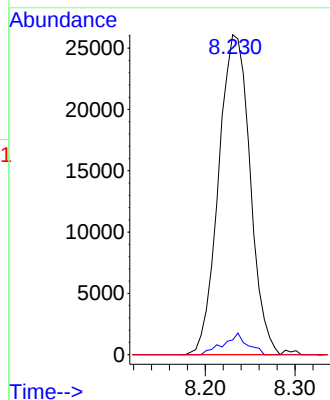
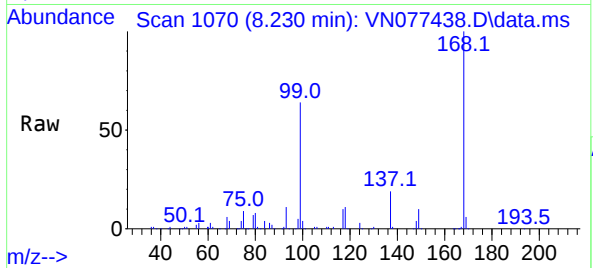




#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 8.230 min Scan# 117
Delta R.T. -0.135 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

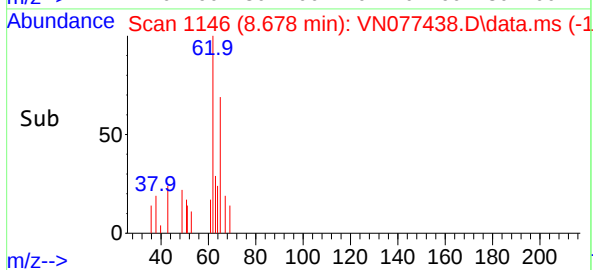
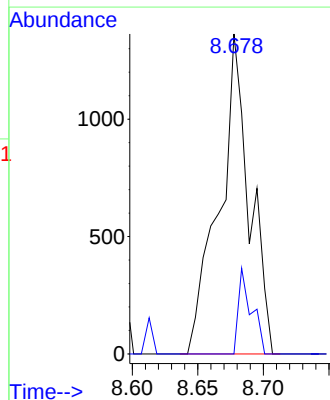
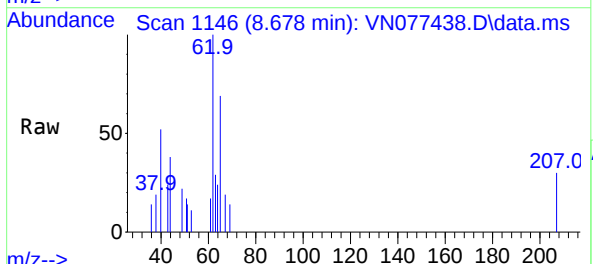
Instrument :
MSVOA_N
ClientSampleId :
IBLK

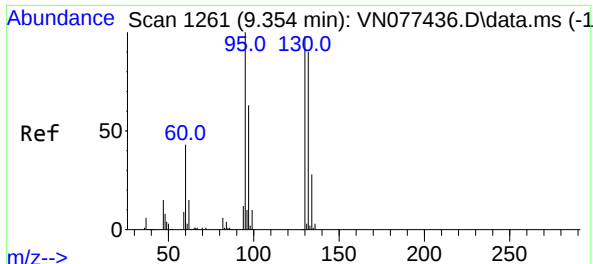
Tgt Ion:117 Resp: 63517
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.221 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 62 Resp: 2190
Ion Ratio Lower Upper
62 100
98 11.6 0.0 19.8

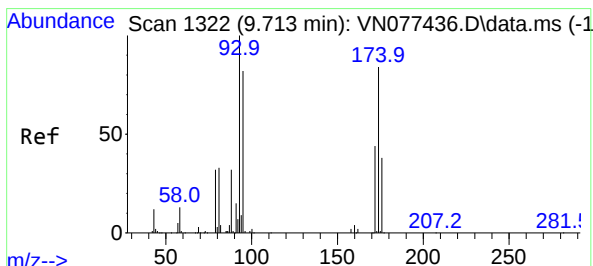
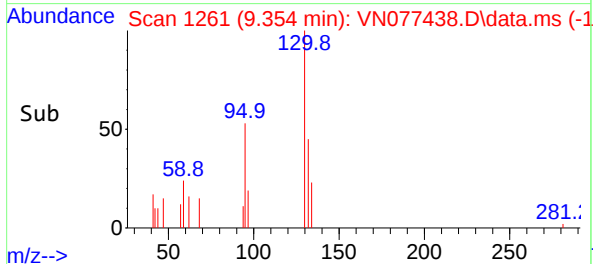
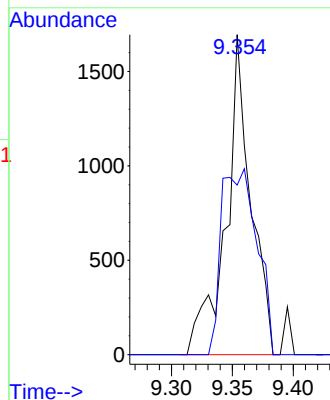
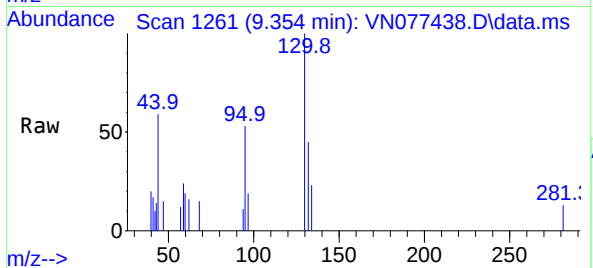




#44
Trichloroethene
Concen: 0.326 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

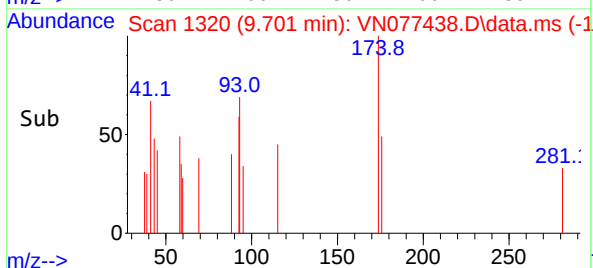
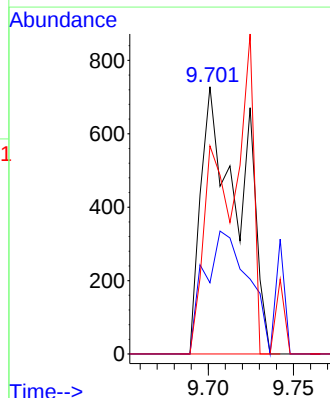
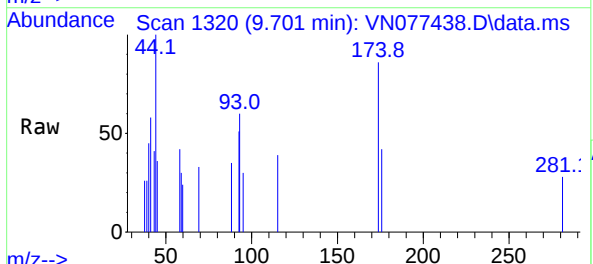
Instrument :
MSVOA_N
ClientSampleId :
IBLK

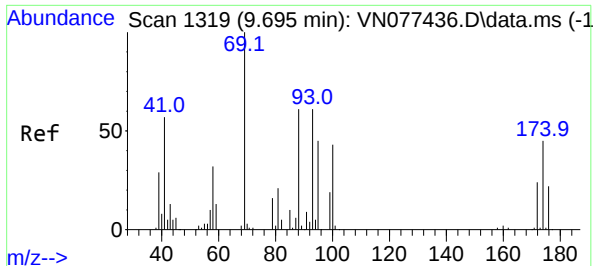
Tgt Ion:130 Resp: 2407
Ion Ratio Lower Upper
130 100
95 53.0 0.0 204.6



#46
Dibromomethane
Concen: 0.213 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. -0.012 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 93 Resp: 1170
Ion Ratio Lower Upper
93 100
95 50.9 63.8 95.8#
174 0.0 65.6 98.4#

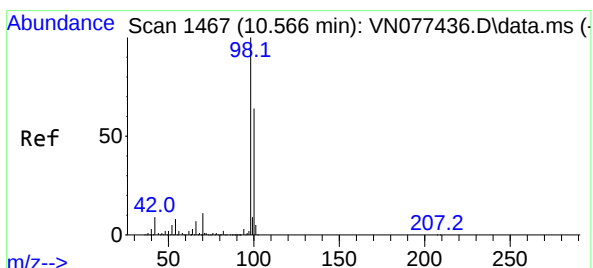
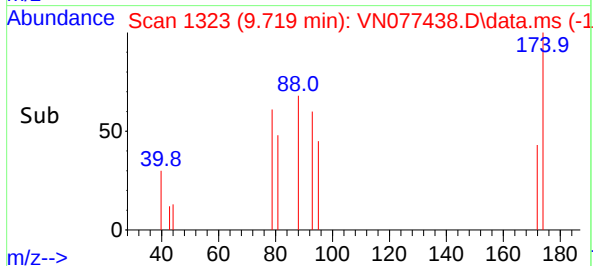
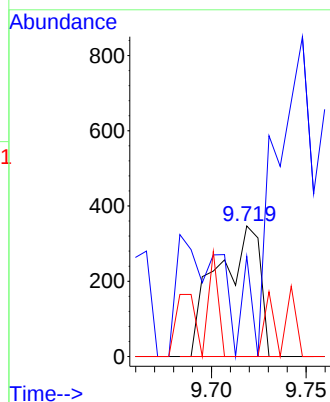
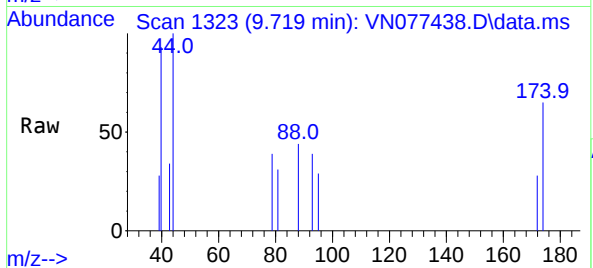




#49
1,4-Dioxane
Concen: 3.838 ug/l
RT: 9.719 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

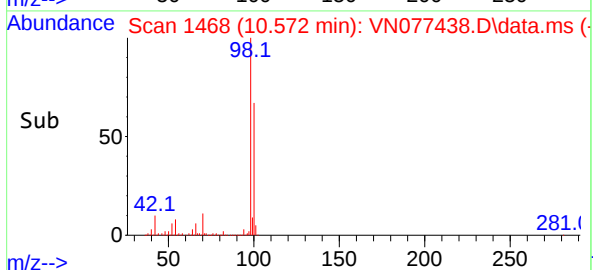
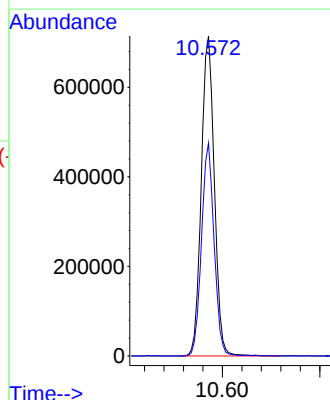
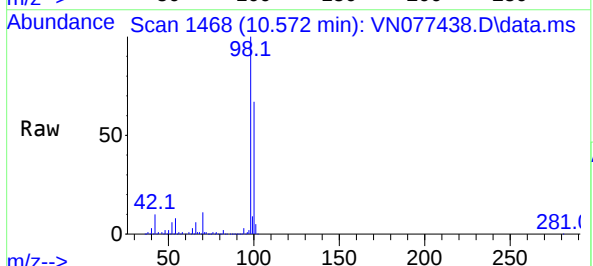
Instrument :
MSVOA_N
ClientSampleId :
IBLK

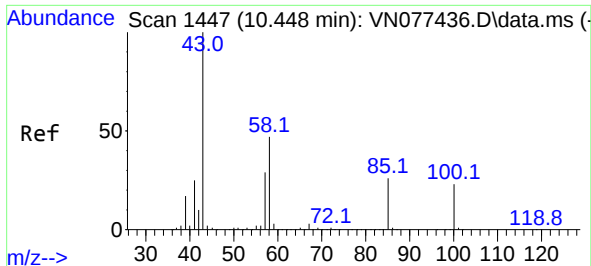
Tgt Ion: 88 Resp: 546
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 53.057 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 98 Resp: 1327240
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

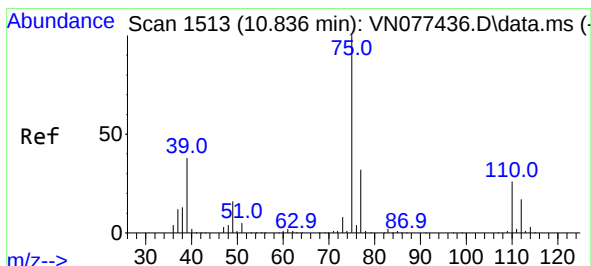
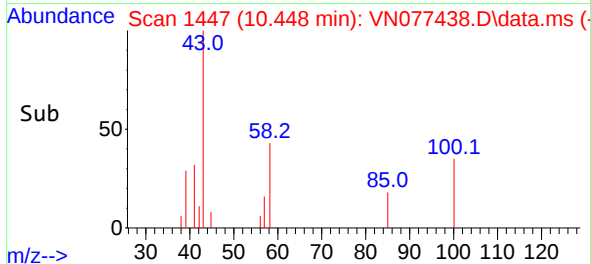
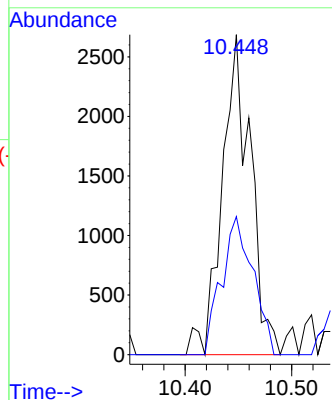
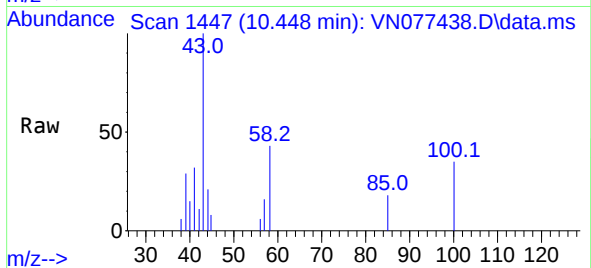




#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

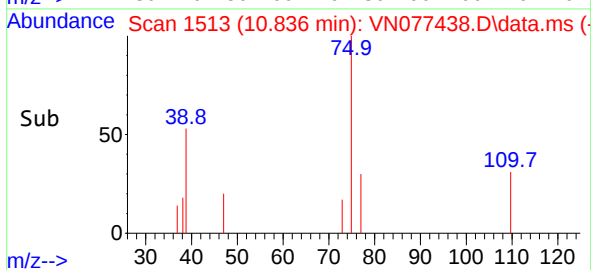
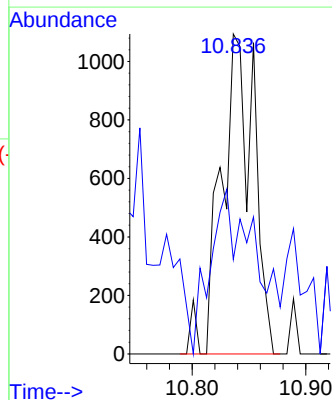
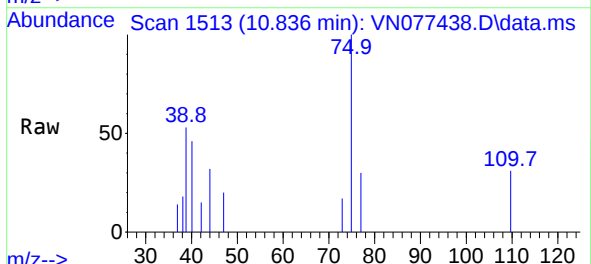
Instrument :
MSVOA_N
ClientSampleId :
IBLK

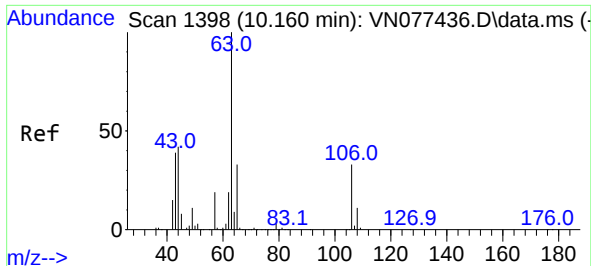
Tgt Ion: 43 Resp: 4980
Ion Ratio Lower Upper
43 100
58 47.6 36.6 54.8



#53
t-1,3-Dichloropropene
Concen: 0.201 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 75 Resp: 2157
Ion Ratio Lower Upper
75 100
77 14.9 25.4 38.0#

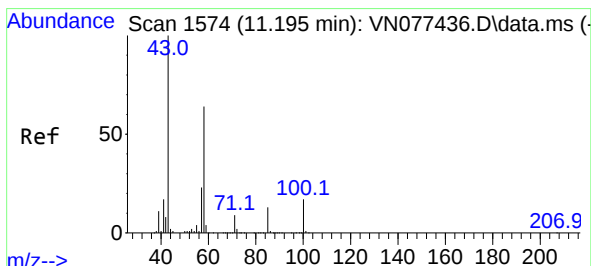
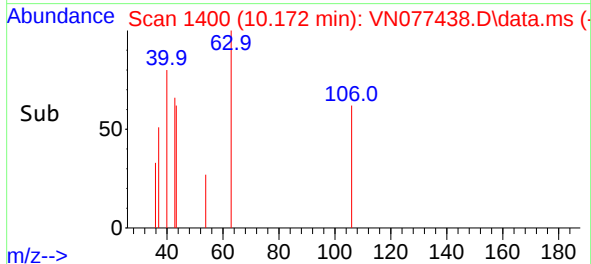
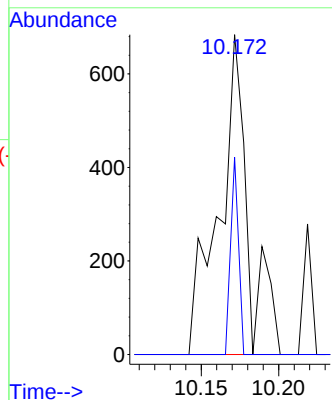
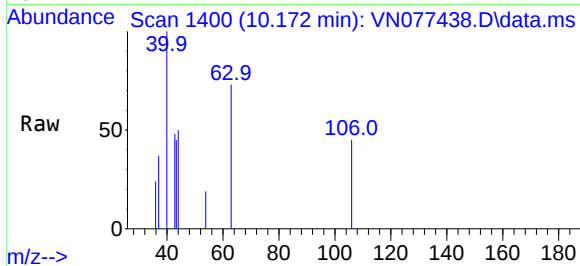




#58
2-Chloroethyl Vinyl ether
Concen: 0.248 ug/l
RT: 10.172 min Scan# 1400
Delta R.T. 0.012 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

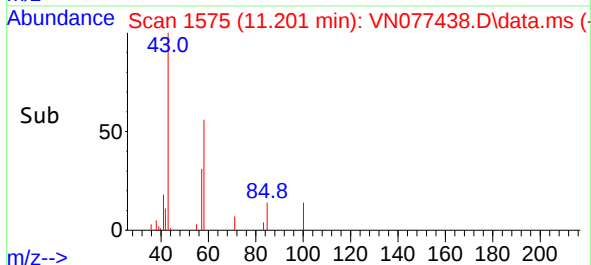
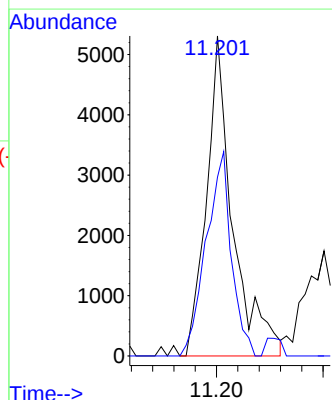
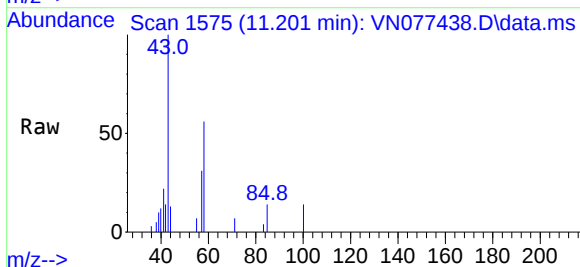
Instrument :
MSVOA_N
ClientSampleId :
IBLK

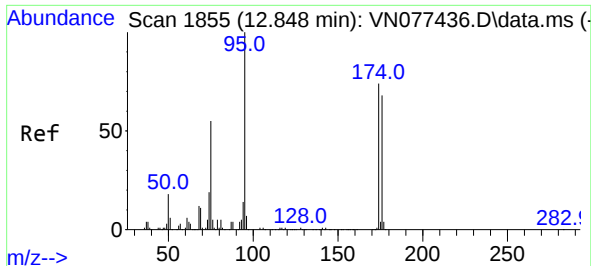
Tgt Ion: 63 Resp: 894
Ion Ratio Lower Upper
63 100
106 16.7 26.2 39.4#



#59
2-Hexanone
Concen: 1.712 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 43 Resp: 9091
Ion Ratio Lower Upper
43 100
58 61.3 31.7 95.1

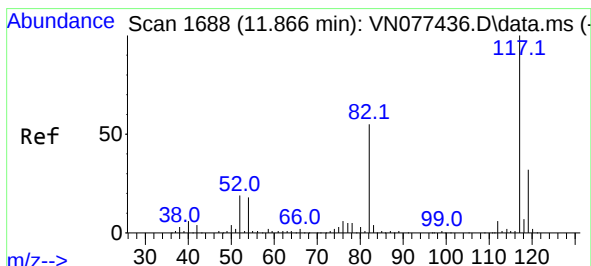
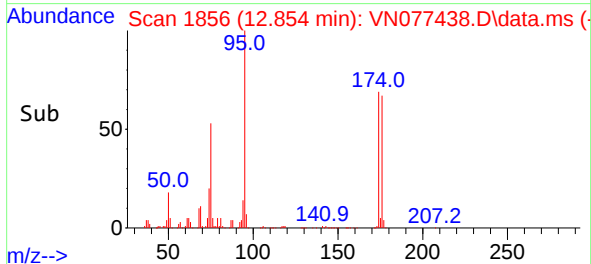
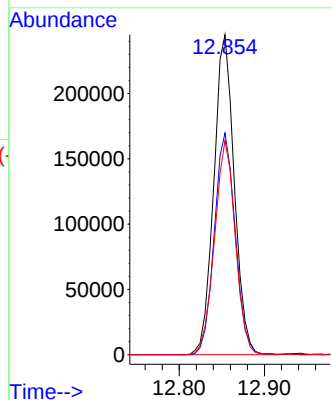
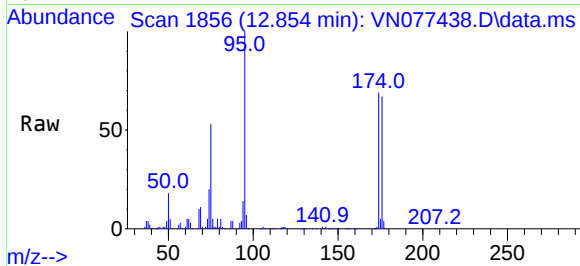




#62
4-Bromofluorobenzene
Concen: 49.898 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

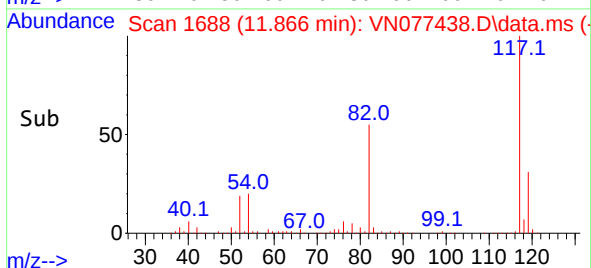
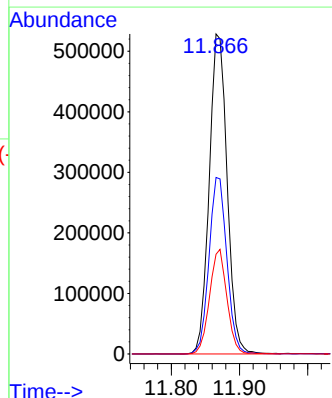
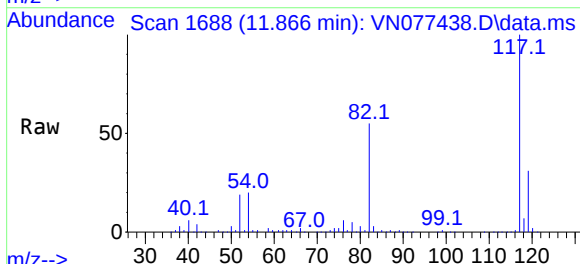
Instrument :
MSVOA_N
ClientSampleId :
IBLK

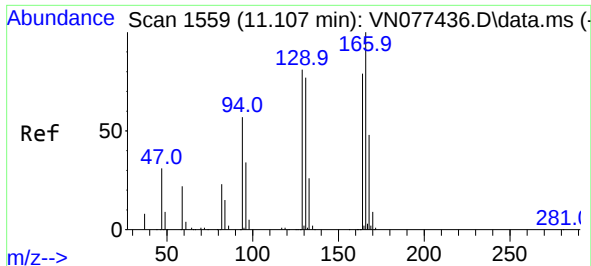
Tgt Ion: 95 Resp: 409137
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 67.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 117 Resp: 967233
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 31.2 25.6 38.4



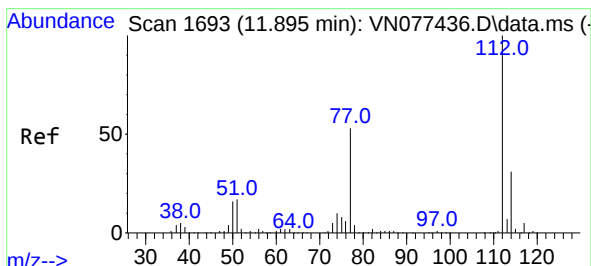
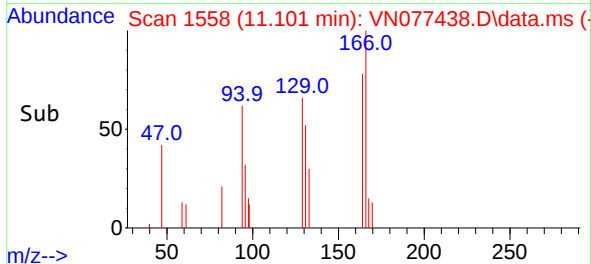
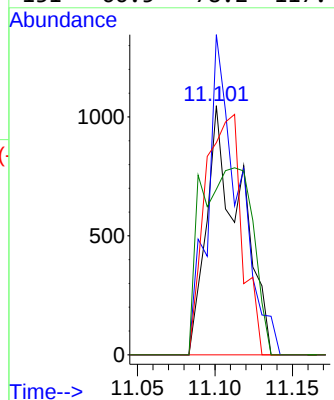
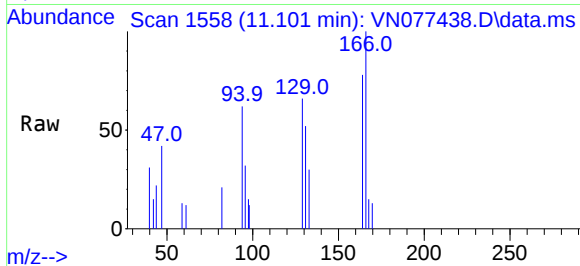


#64
Tetrachloroethene
Concen: 0.275 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Instrument : MSVOA_N
ClientSampleId : IBLK

Tgt Ion:164 Resp: 1594

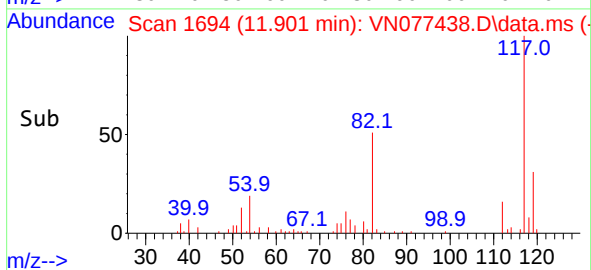
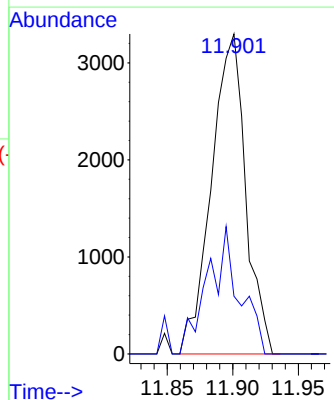
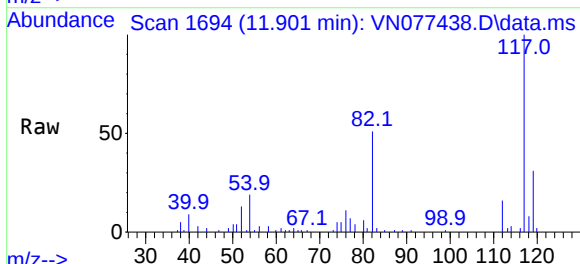
Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.4	152.0
129	85.2	82.4	123.6
131	66.5	78.2	117.4

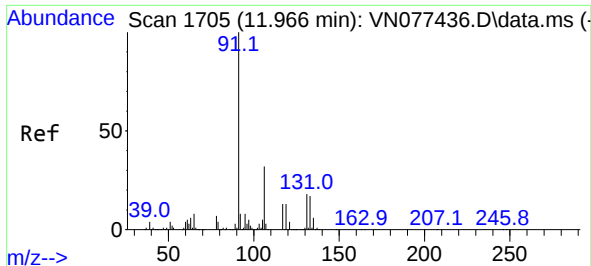


#65
Chlorobenzene
Concen: 0.292 ug/l
RT: 11.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion:112 Resp: 5977

Ion	Ratio	Lower	Upper
112	100		
114	18.1	25.0	37.4

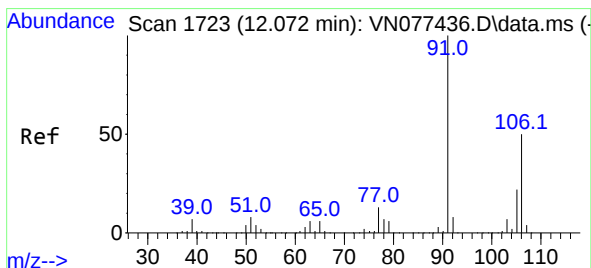
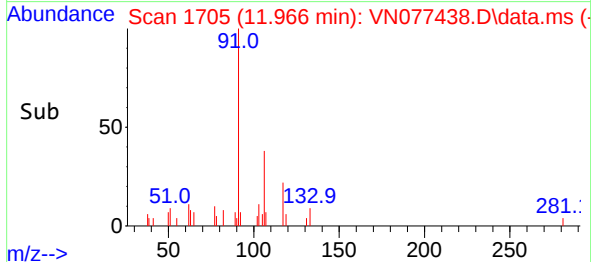
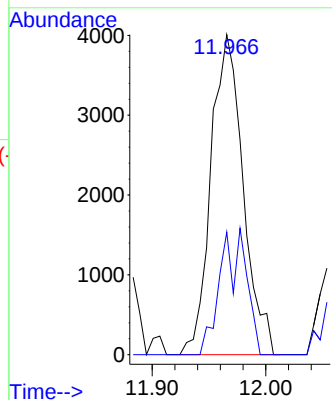
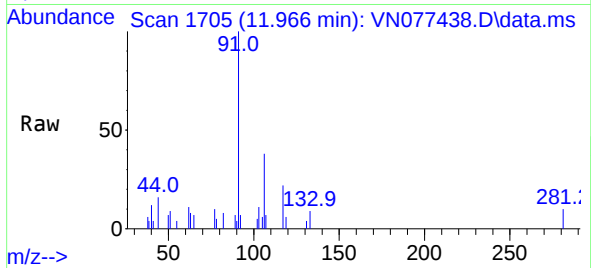




#67
Ethyl Benzene
Concen: 0.219 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

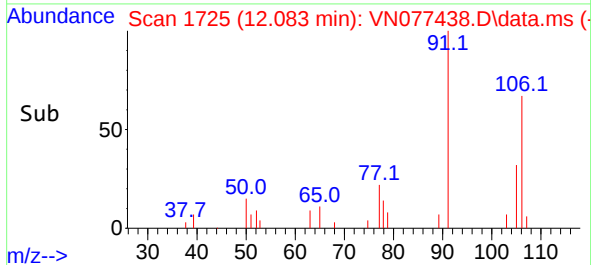
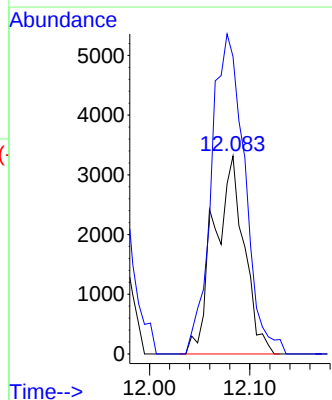
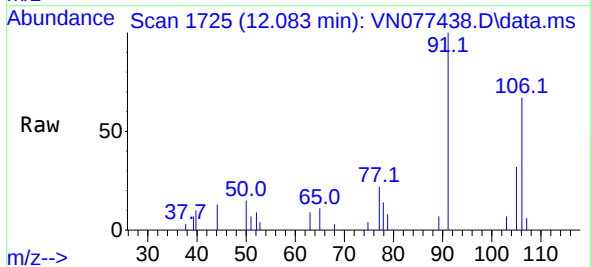
Instrument :
MSVOA_N
ClientSampleId :
IBLK

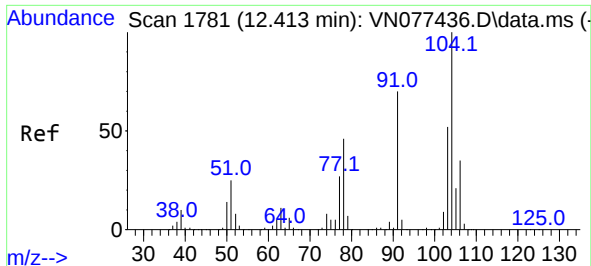
Tgt Ion: 91 Resp: 7906
Ion Ratio Lower Upper
91 100
106 38.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.496 ug/l
RT: 12.083 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 106 Resp: 6952
Ion Ratio Lower Upper
106 100
91 177.6 159.6 239.4

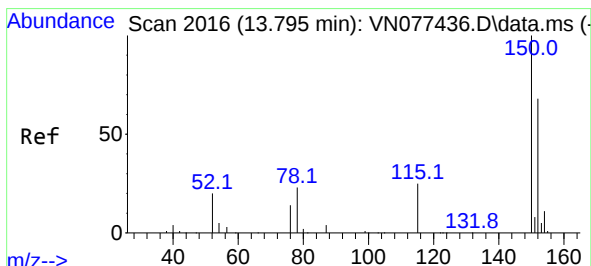
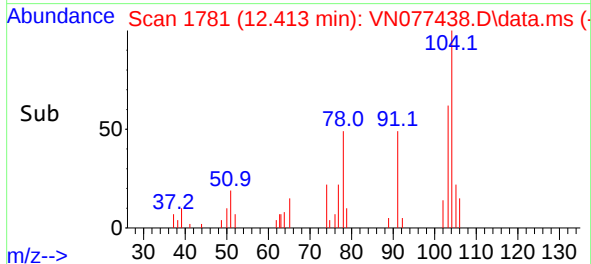
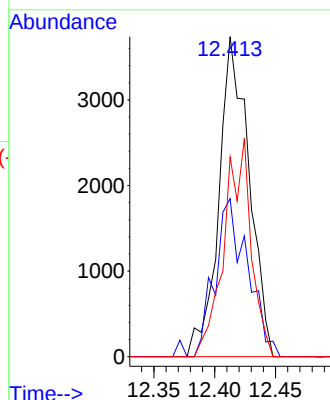
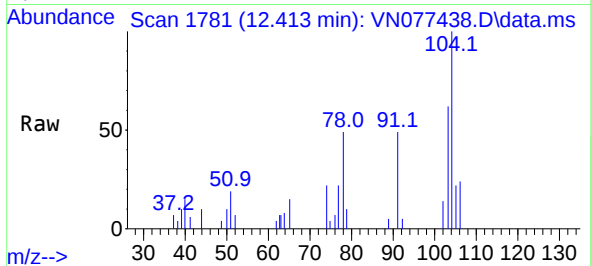




#70
Styrene
Concen: 0.300 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

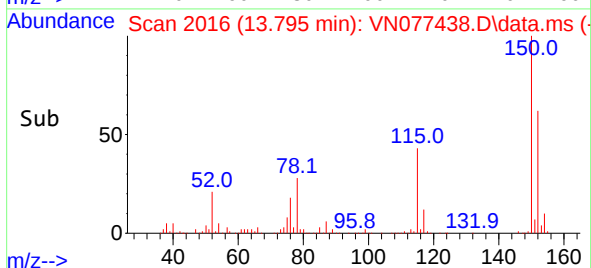
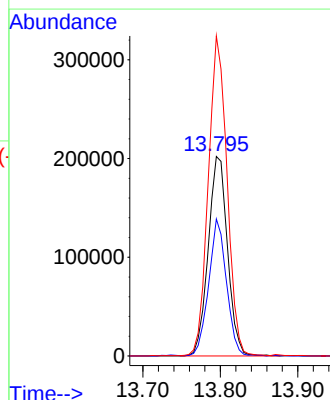
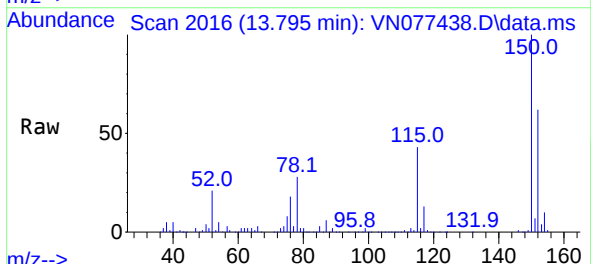
Instrument :
MSVOA_N
ClientSampleId :
IBLK

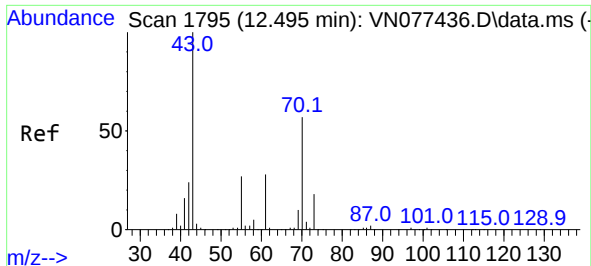
Tgt Ion:104 Resp: 6454
Ion Ratio Lower Upper
104 100
78 53.5 39.5 59.3
103 60.4 43.2 64.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion:152 Resp: 349828
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 155.1 0.0 355.8

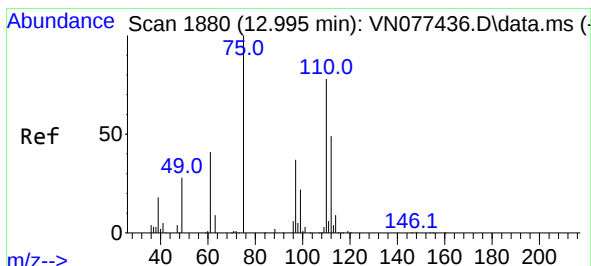
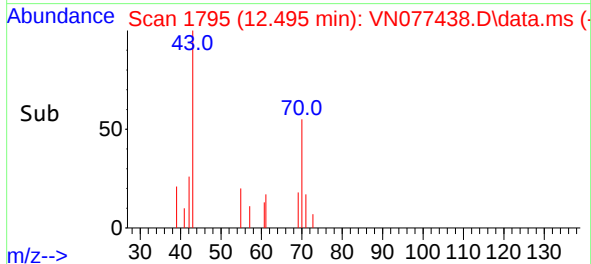
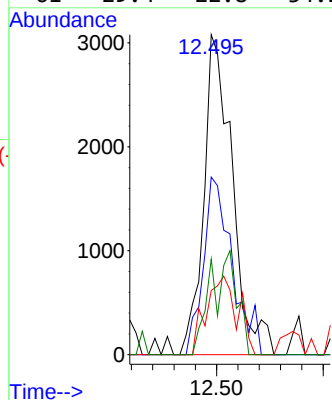
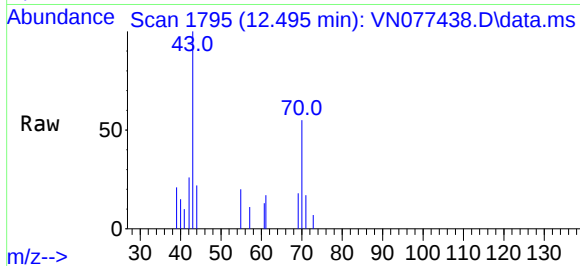




#74
N-amy1 acetate
Concen: 0.596 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

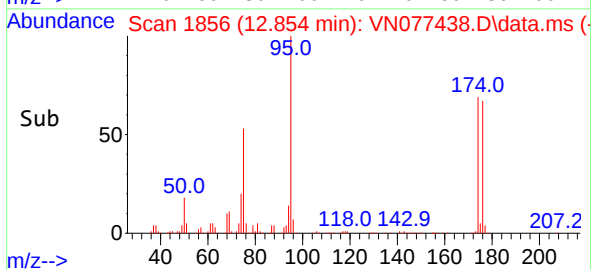
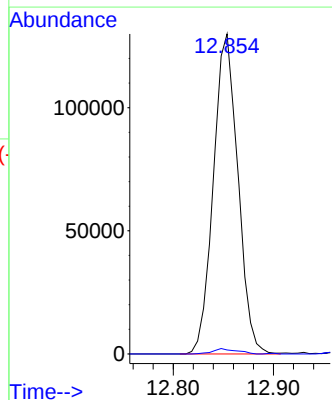
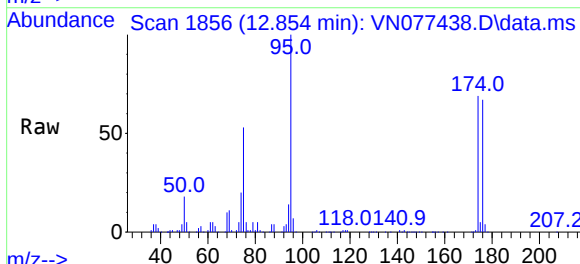
Instrument :
MSVOA_N
ClientSampleId :
IBLK

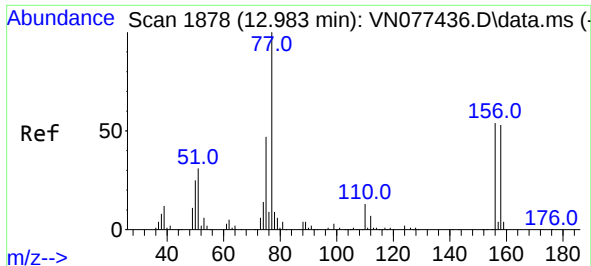
Tgt Ion:	43	Resp:	5726
Ion	Ratio	Lower	Upper
43	100		
70	56.5	43.4	65.2
55	26.9	21.4	32.0
61	29.4	22.8	34.2



#76
1,2,3-Trichloropropane
Concen: 26.575 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion:	75	Resp:	220898
Ion	Ratio	Lower	Upper
75	100		
77	1.6	84.5	253.5#

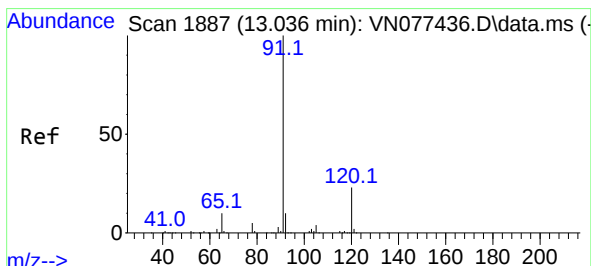
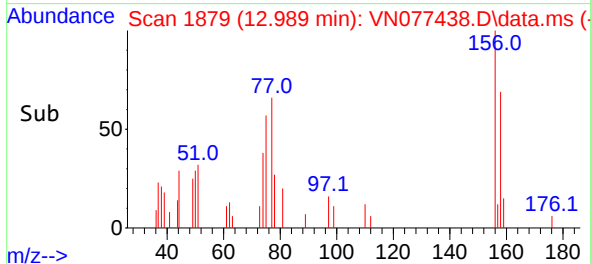
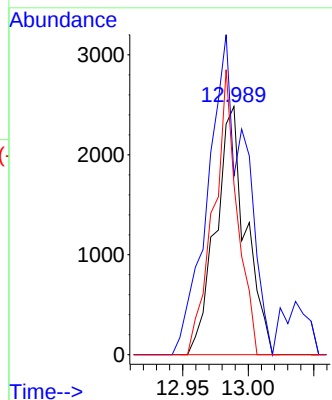
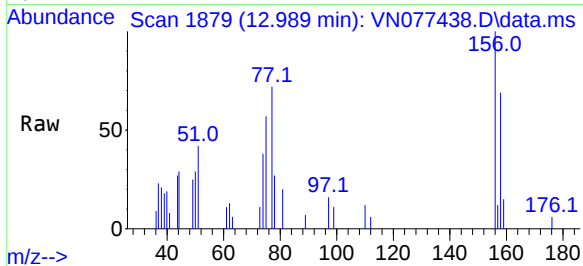




#77
Bromobenzene
Concen: 0.563 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

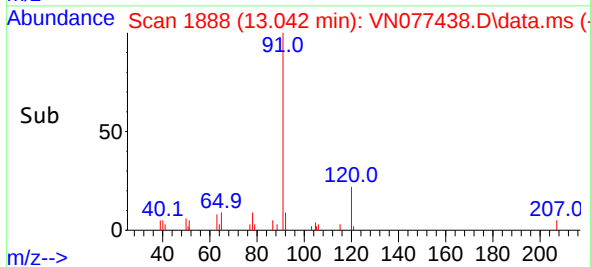
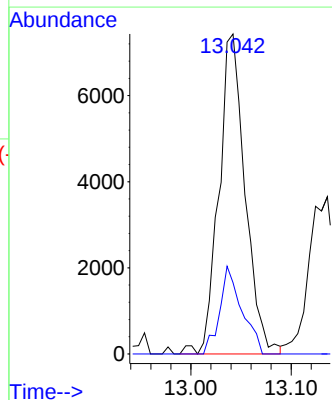
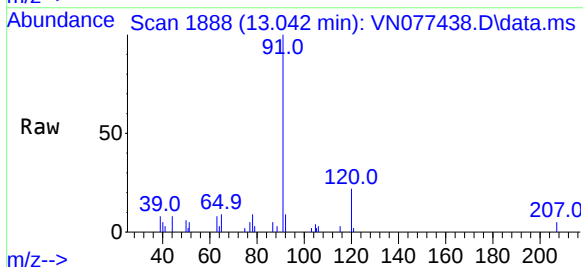
Instrument :
MSVOA_N
ClientSampleId :
IBLK

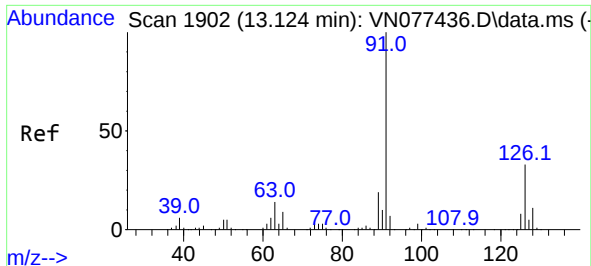
Tgt Ion:156 Resp: 3981
Ion Ratio Lower Upper
156 100
77 158.0 107.7 323.3
158 90.0 48.4 145.3



#78
n-propylbenzene
Concen: 0.376 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 91 Resp: 13493
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.335 ug/l

RT: 13.136 min Scan# 1904

Delta R.T. 0.012 min

Lab File: VN077438.D

Acq: 24 Apr 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

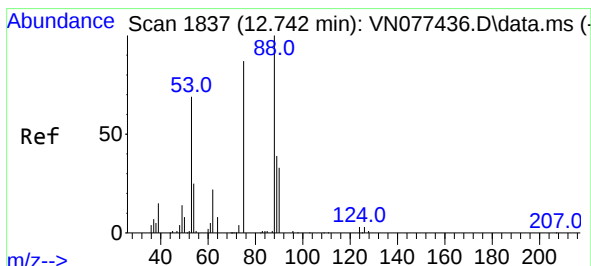
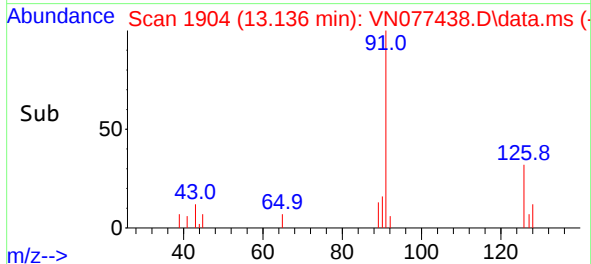
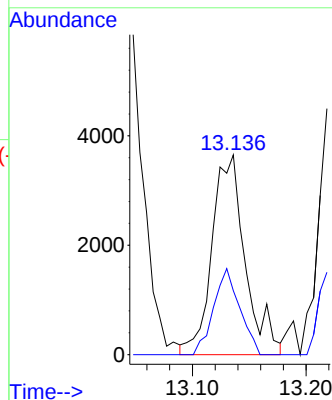
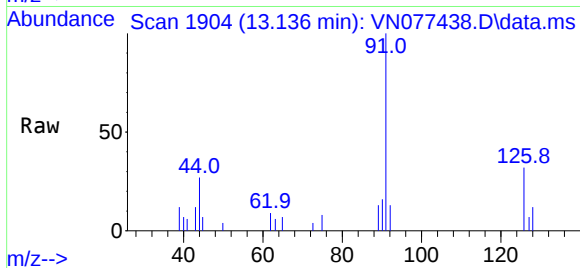
IBLK

Tgt Ion: 91 Resp: 7418

Ion Ratio Lower Upper

91 100

126 33.9 16.3 48.8



#81

trans-1,4-Dichloro-2-butene

Concen: 78.884 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.112 min

Lab File: VN077438.D

Acq: 24 Apr 2023 14:03

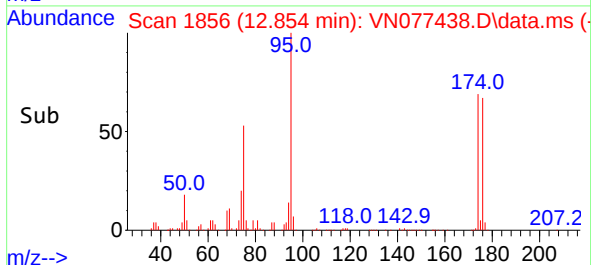
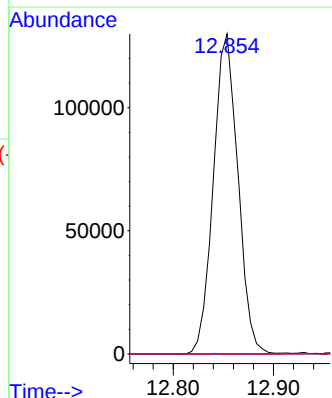
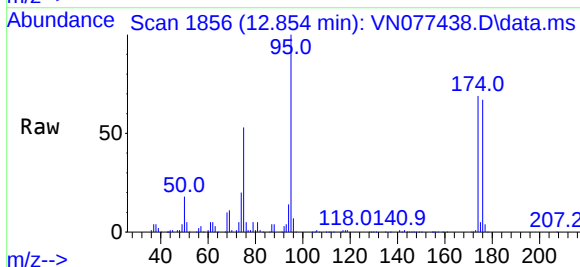
Tgt Ion: 75 Resp: 220898

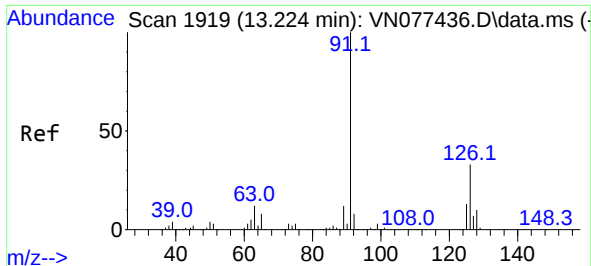
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

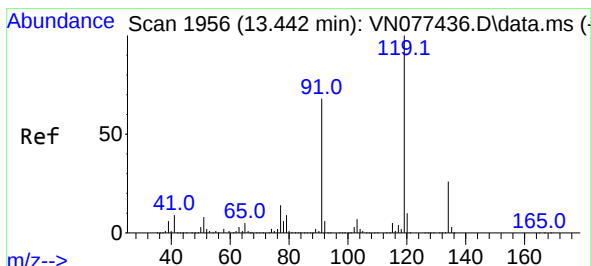
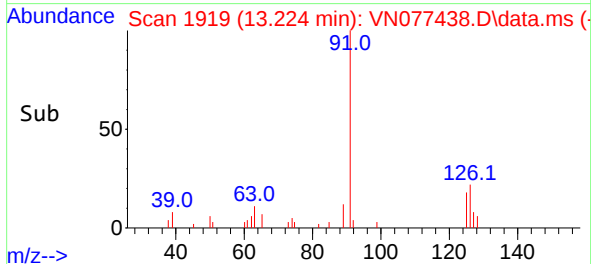
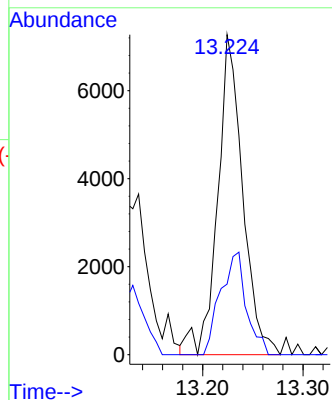
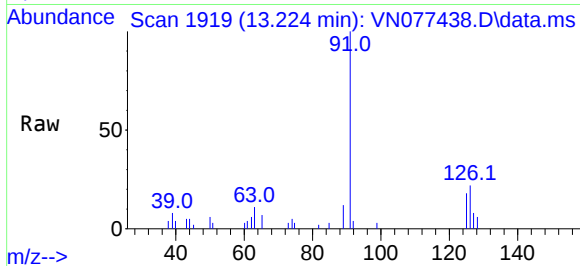




#82
4-Chlorotoluene
Concen: 0.610 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

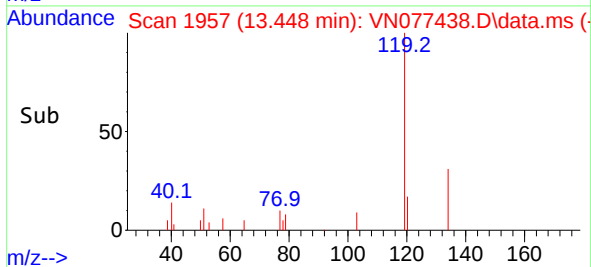
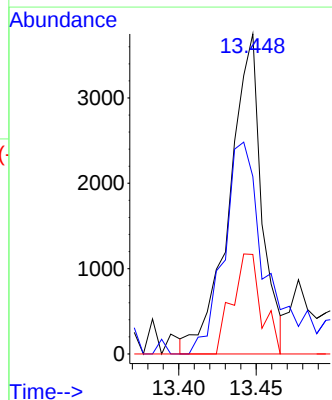
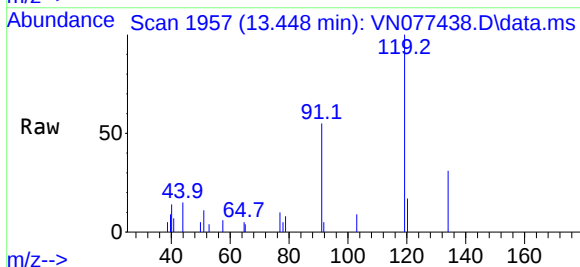
Instrument :
MSVOA_N
ClientSampleId :
IBLK

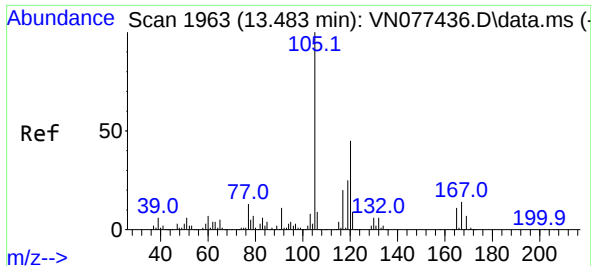
Tgt Ion: 91 Resp: 12623
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.232 ug/l
RT: 13.448 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 119 Resp: 5439
Ion Ratio Lower Upper
119 100
91 92.2 33.9 101.7
134 28.0 13.2 39.6

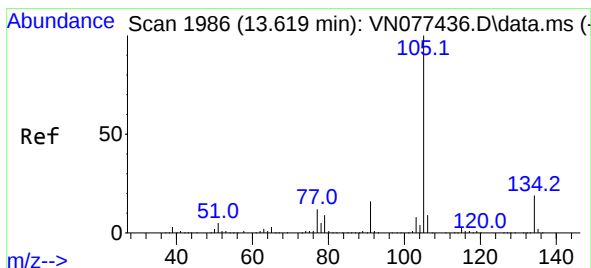
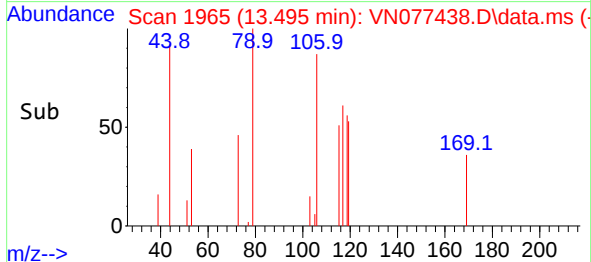
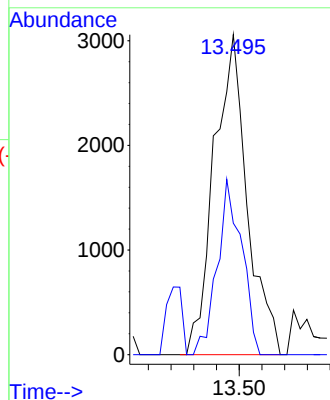
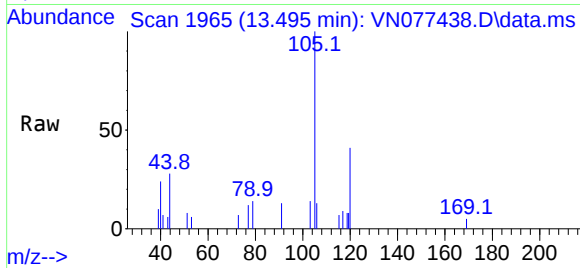




#84
1,2,4-Trimethylbenzene
Concen: 0.275 ug/l
RT: 13.495 min Scan# 1965
Delta R.T. 0.012 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

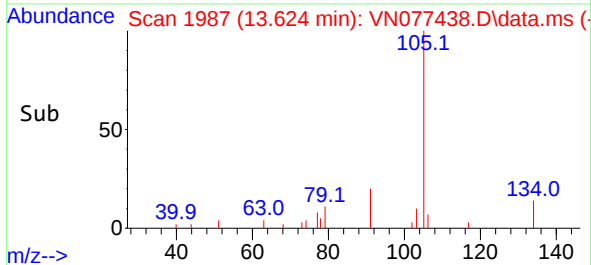
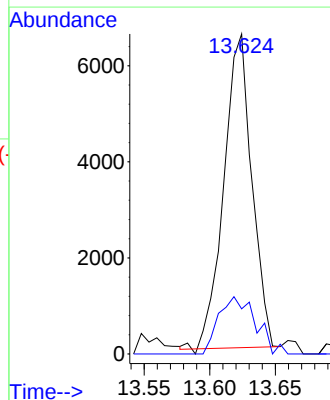
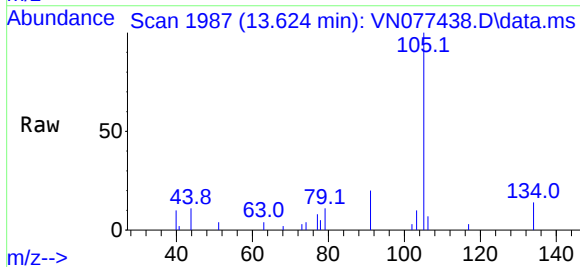
Instrument :
MSVOA_N
ClientSampleId :
IBLK

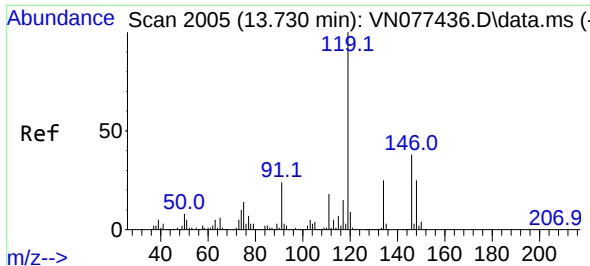
Tgt Ion:105 Resp: 6189
Ion Ratio Lower Upper
105 100
120 40.5 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.302 ug/l
RT: 13.624 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion:105 Resp: 9698
Ion Ratio Lower Upper
105 100
134 24.1 9.8 29.3

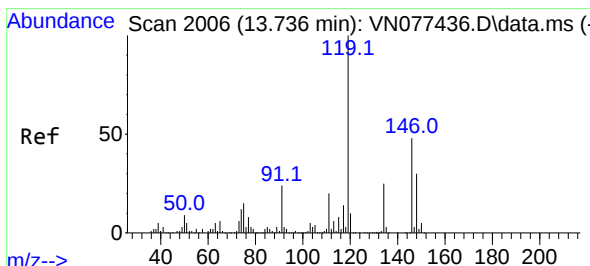
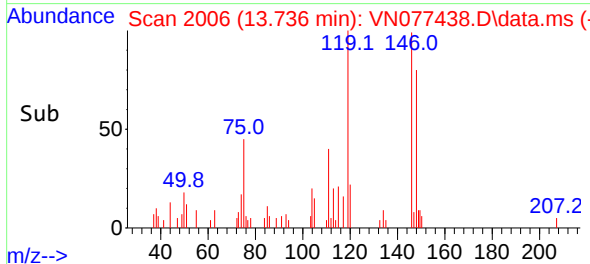
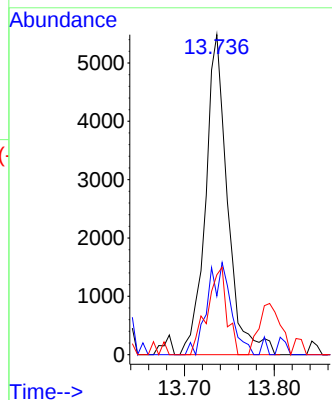
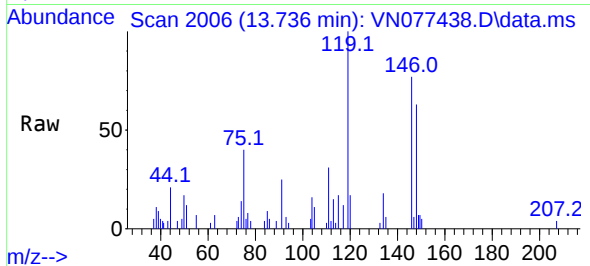




#86
p-Isopropyltoluene
Concen: 0.379 ug/l
RT: 13.736 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

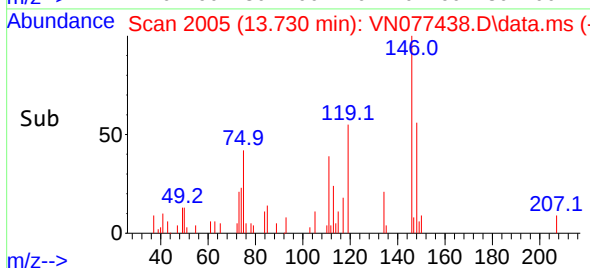
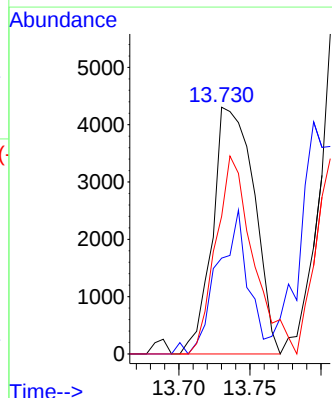
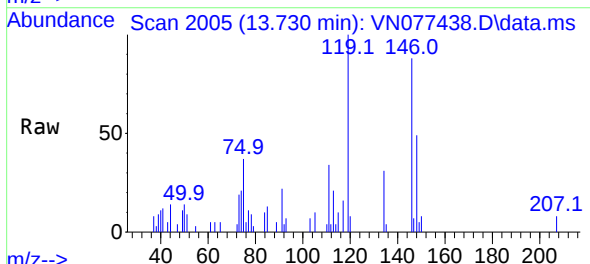
Instrument :
MSVOA_N
ClientSampleId :
IBLK

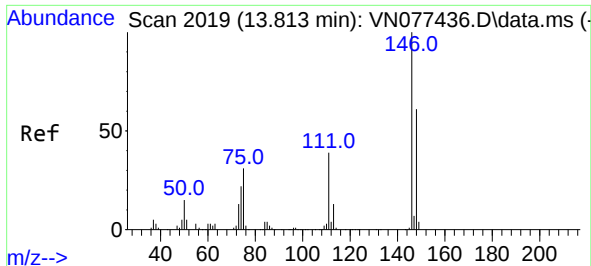
Tgt Ion:	119	Resp:	9377
Ion	Ratio	Lower	Upper
119	100		
134	30.2	12.6	37.8
91	24.3	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 0.696 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. -0.006 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

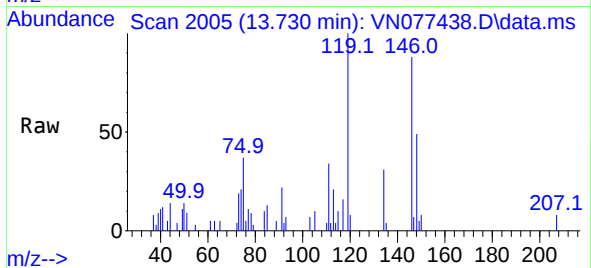
Tgt Ion:	146	Resp:	8760
Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.1	66.3
148	72.1	32.0	96.0



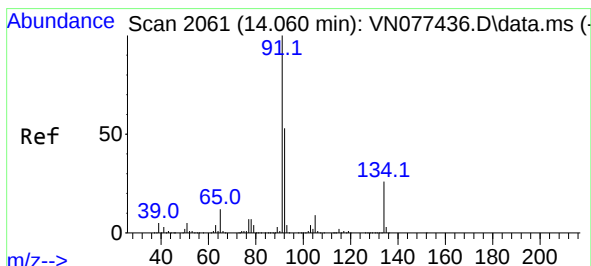
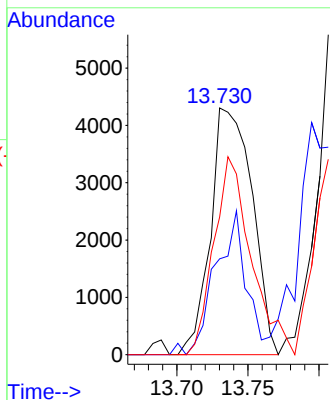
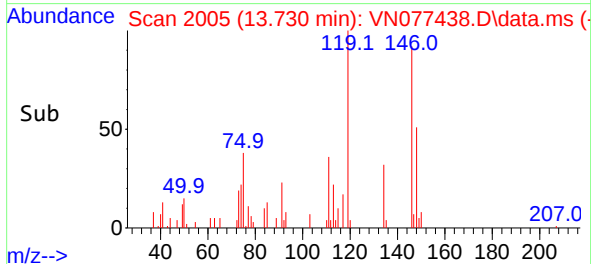


#88
1,4-Dichlorobenzene
Concen: 0.706 ug/l
RT: 13.730 min Scan# 2019
Delta R.T. -0.083 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
IBLK

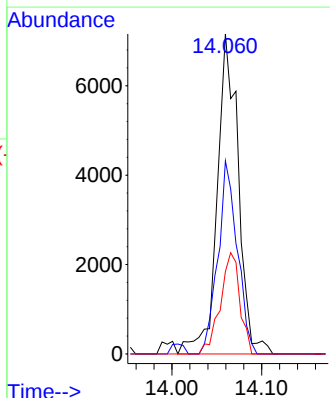
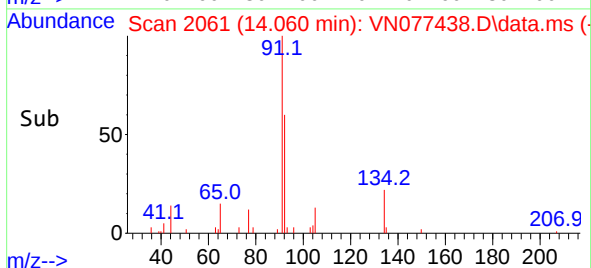
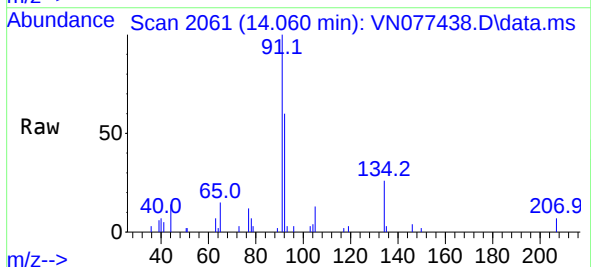


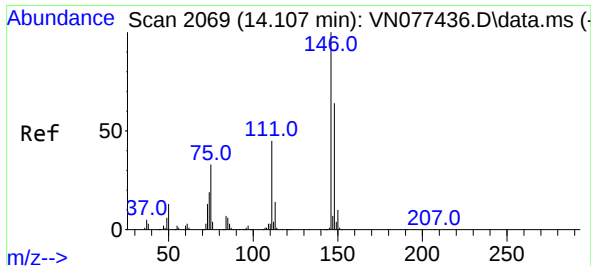
Tgt Ion:146 Resp: 8760
Ion Ratio Lower Upper
146 100
111 43.0 20.6 61.8
148 72.1 31.6 94.8



#89
n-Butylbenzene
Concen: 0.614 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion: 91 Resp: 11745
Ion Ratio Lower Upper
91 100
92 55.1 26.4 79.0
134 29.2 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.753 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077438.D

Acq: 24 Apr 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

IBLK

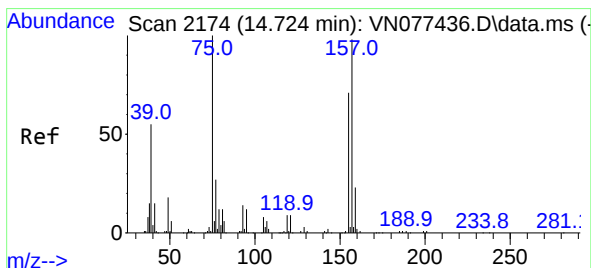
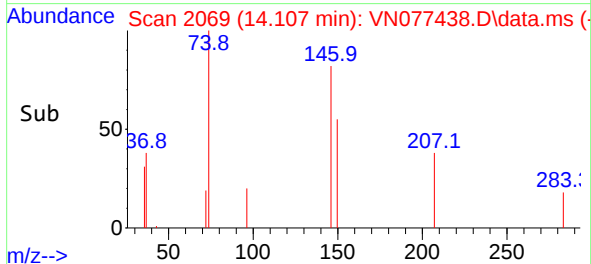
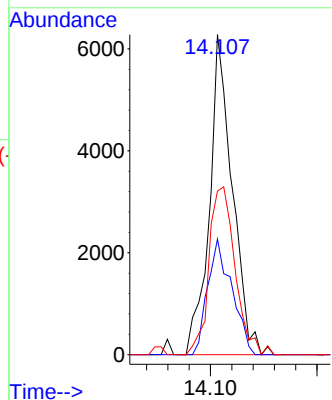
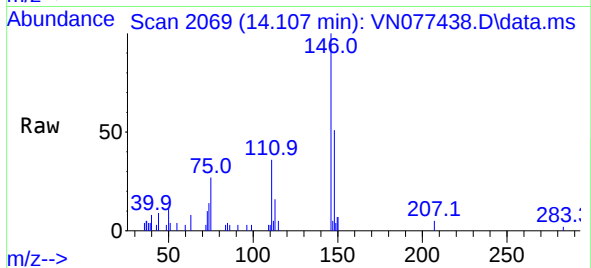
Tgt Ion:146 Resp: 9395

Ion Ratio Lower Upper

146 100

111 38.1 22.0 66.0

148 59.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.973 ug/l

RT: 14.730 min Scan# 2175

Delta R.T. 0.006 min

Lab File: VN077438.D

Acq: 24 Apr 2023 14:03

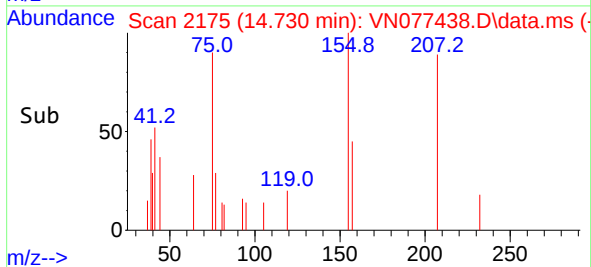
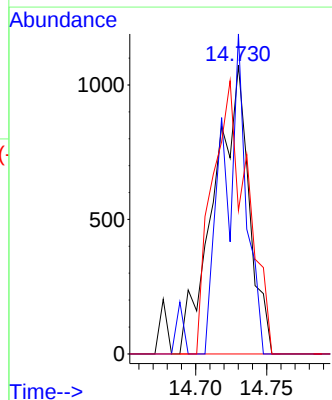
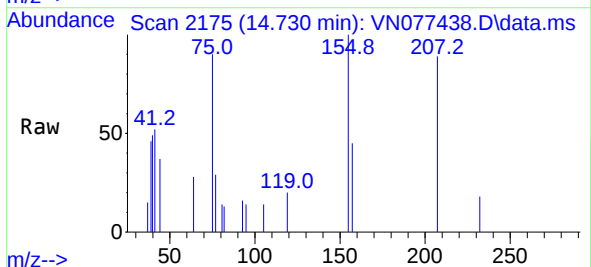
Tgt Ion: 75 Resp: 1835

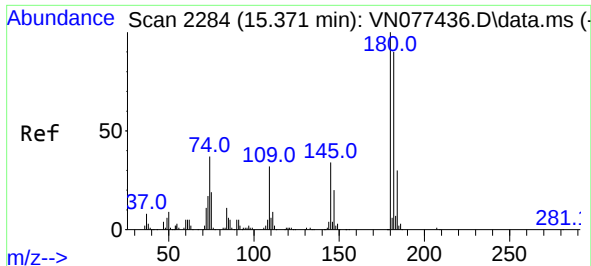
Ion Ratio Lower Upper

75 100

155 72.0 39.1 117.2

157 94.9 50.3 150.9

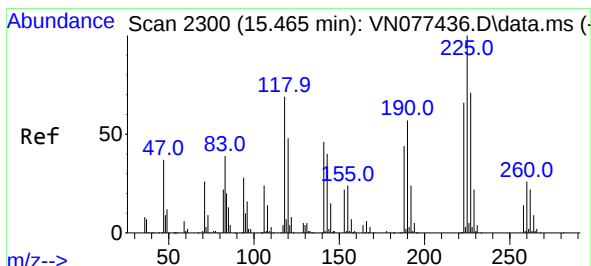
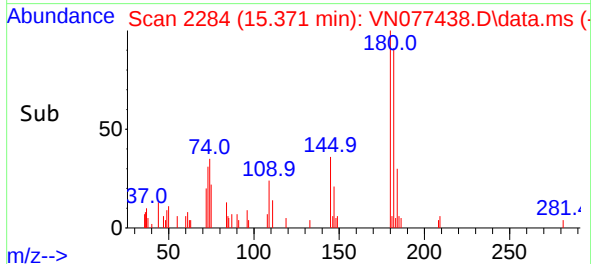
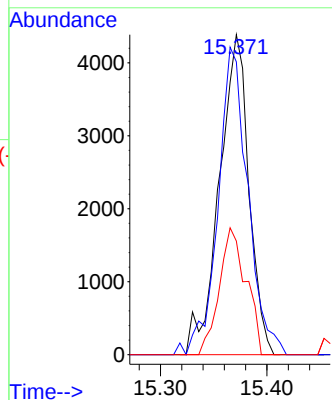
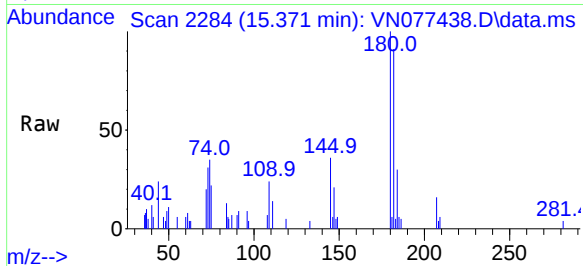




#93
1,2,4-Trichlorobenzene
Concen: 4.012 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

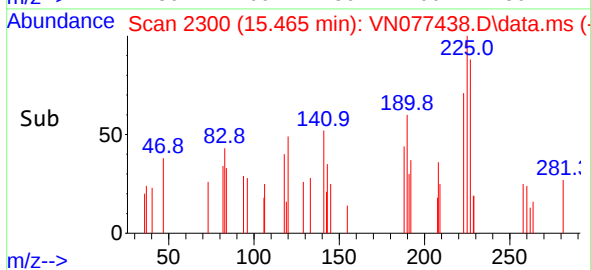
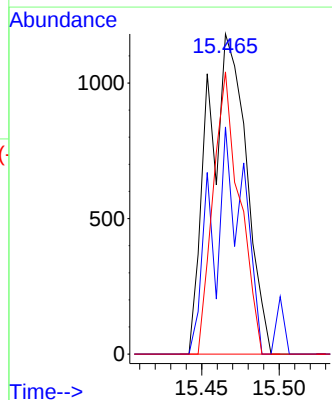
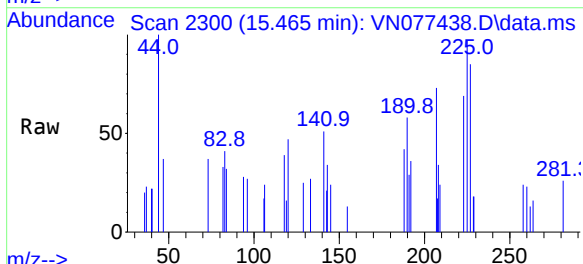
Instrument :
MSVOA_N
ClientSampleId :
IBLK

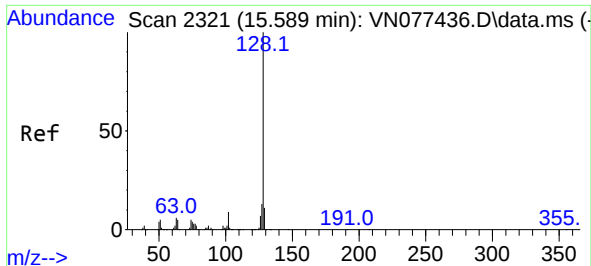
Tgt Ion:	180	Resp:	8454
Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.1	138.2
145	35.9	16.6	49.8



#94
Hexachlorobutadiene
Concen: 0.800 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion:	225	Resp:	2018
Ion	Ratio	Lower	Upper
225	100		
223	57.8	31.3	93.8
227	61.4	31.9	95.9

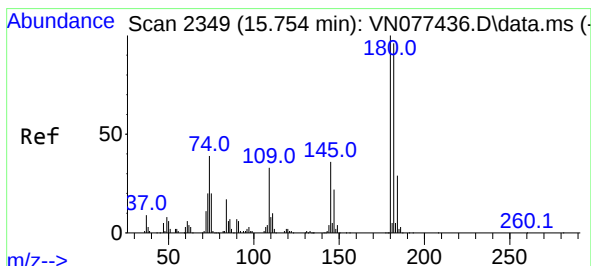
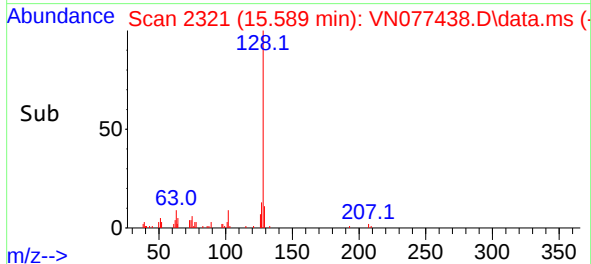
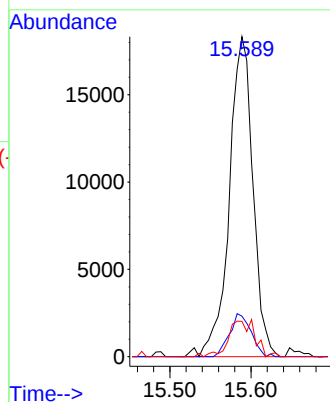
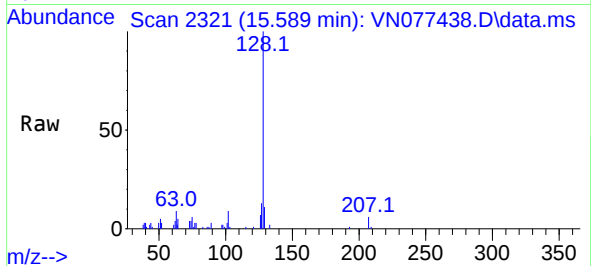




#95
Naphthalene
Concen: 4.913 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	37069
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.0	15.0
129	12.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.090 ug/l
RT: 15.759 min Scan# 2350
Delta R.T. 0.005 min
Lab File: VN077438.D
Acq: 24 Apr 2023 14:03

Tgt Ion:	180	Resp:	11280
Ion	Ratio	Lower	Upper
180	100		
182	90.2	46.2	138.6
145	30.9	17.5	52.6

