

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068818.D
 Acq On : 6 Oct 2021 14:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 07 06:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	471586	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	796567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	696415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	249334	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	324658	46.85	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.70%
35) Dibromofluoromethane	8.024	113	251078	47.98	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.96%
50) Toluene-d8	10.443	98	988109	48.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.84%
62) 4-Bromofluorobenzene	12.733	95	290911	38.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	77.80%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	514	Below Cal		81
3) Chloromethane	2.303	50	1943	Below Cal	#	88
4) Vinyl Chloride	2.440	62	1304	Below Cal	#	35
5) Bromomethane	2.866	94	2008	0.27	ug/l	84
6) Chloroethane	3.009	64	379	Below Cal	#	44
7) Trichlorofluoromethane	3.384	101	1434	Below Cal	#	72
10) Methyl Iodide	4.425	142	1317	0.27	ug/l	# 89
12) 1,1-Dichloroethene	4.197	96	448	Below Cal	#	41
13) Acrolein	4.044	56	740	1.66	ug/l	# 66
15) Acrylonitrile	5.543	53	1370	0.64	ug/l	# 91
16) Acetone	4.304	43	2348	Below Cal		96
17) Carbon Disulfide	4.545	76	7706	Below Cal	#	93
20) Methylene Chloride	5.098	84	2055	Below Cal	#	82
21) trans-1,2-Dichloroethene	5.607	96	1583	Below Cal	#	63
25) 2-Butanone	7.343	43	2408	0.76	ug/l	95
29) Tetrahydrofuran	7.705	42	1557	0.81	ug/l	# 81
31) Cyclohexane	8.083	56	13364	Below Cal	#	42
36) 1,1-Dichloropropene	8.214	75	1628	0.26	ug/l	# 49
38) Carbon Tetrachloride	8.086	117	52002	6.86	ug/l	# 17
39) Methylcyclohexane	9.461	83	1491	0.21	ug/l	# 75
42) 1,2-Dichloroethane	8.533	62	2237	0.29	ug/l	# 79
44) Trichloroethene	9.220	130	2037	0.40	ug/l	99
46) Dibromomethane	9.585	93	1082	0.27	ug/l	96
49) 1,4-Dioxane	9.571	88	420	4.13	ug/l	# 65
51) 4-Methyl-2-Pentanone	10.333	43	9146	1.31	ug/l	# 60
52) Toluene	10.507	92	2988	0.23	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	1805	0.22	ug/l	# 50
55) 1,1,2-Trichloroethane	10.907	97	1159	0.21	ug/l	# 87
56) Ethyl methacrylate	10.765	69	2229	0.29	ug/l	# 89
58) 2-Chloroethyl Vinyl ether	10.049	63	560	33.06	ug/l	# 50
59) 2-Hexanone	11.092	43	19830	3.95	ug/l	95
61) 1,2-Dibromoethane	11.344	107	1183	0.21	ug/l	85
64) Tetrachloroethene	10.982	164	1790	0.43	ug/l	# 77
65) Chlorobenzene	11.776	112	5758	0.43	ug/l	96
67) Ethyl Benzene	11.848	91	7563	0.31	ug/l	95
68) m/p-Xylenes	11.956	106	6058	0.66	ug/l	88

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 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 IBLK

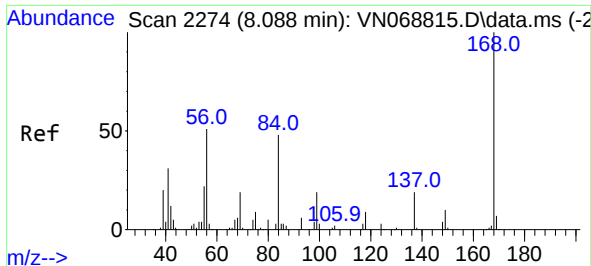
Quant Time: Oct 07 06:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	12.285	106	2112	0.23	ug/l	92
70) Styrene	12.296	104	6380	0.42	ug/l #	90
71) Bromoform	12.465	173	1354	0.35	ug/l #	90
73) Isopropylbenzene	12.583	105	5879	0.30	ug/l	95
74) N-amyl acetate	12.393	43	9622	1.44	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.833	83	3544	0.60	ug/l #	96
76) 1,2,3-Trichloropropane	12.733	75	166038	33.78	ug/l #	100
77) Bromobenzene	12.865	156	3586	0.80	ug/l	78
78) n-propylbenzene	12.921	91	15427	0.69	ug/l	95
79) 2-Chlorotoluene	13.012	91	7478	0.56	ug/l	85
80) 1,3,5-Trimethylbenzene	13.061	105	6638	0.41	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.733	75	166038	97.87	ug/l #	6
82) 4-Chlorotoluene	13.109	91	11648	0.88	ug/l	87
83) tert-Butylbenzene	13.331	119	4675	0.32	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	10003	0.63	ug/l	93
85) sec-Butylbenzene	13.503	105	10051	0.49	ug/l	91
86) p-Isopropyltoluene	13.618	119	9503	0.57	ug/l	91
87) 1,3-Dichlorobenzene	13.618	146	10461	1.24	ug/l	96
88) 1,4-Dichlorobenzene	13.618	146	10461	1.26	ug/l	97
89) n-Butylbenzene	13.946	91	18365	1.31	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	11071	1.37	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	2647	2.61	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	18941	5.11	ug/l	97
94) Hexachlorobutadiene	15.375	225	2537	1.28	ug/l	92
95) Naphthalene	15.509	128	82350	8.32	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	24188	6.95	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 06 14:41:09 2021
Response via : Initial Calibration

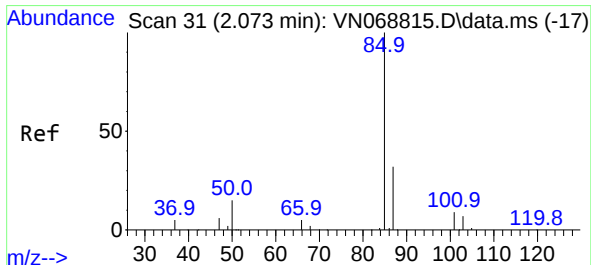
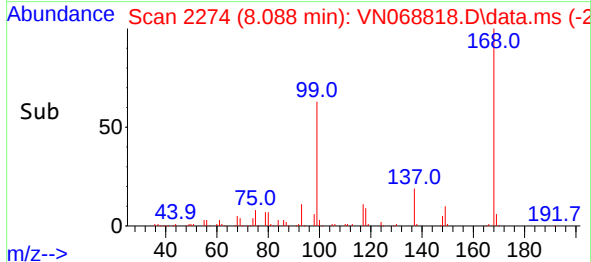
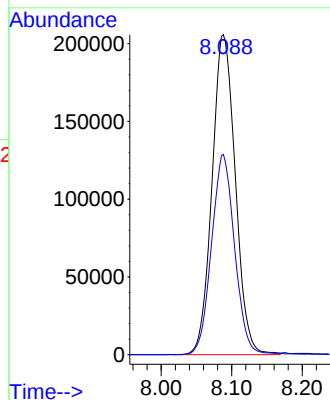
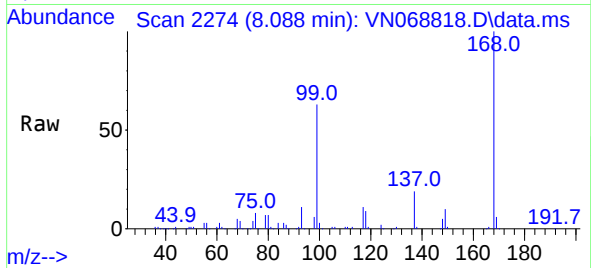




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

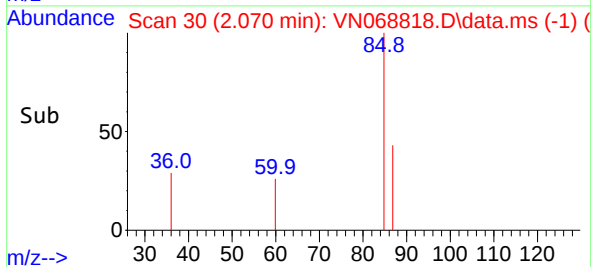
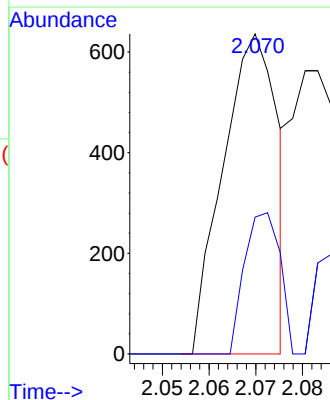
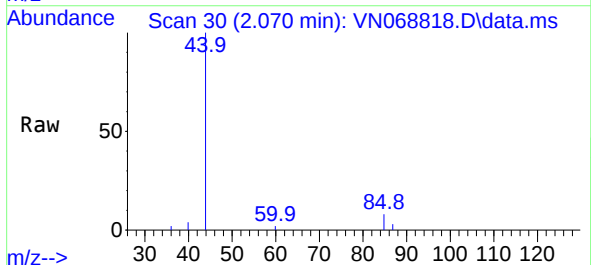
Instrument :
MSVOA_N
ClientSampled :
IBLK

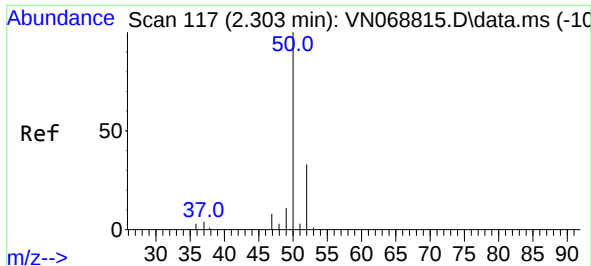
Tgt Ion:168 Resp: 471586
Ion Ratio Lower Upper
168 100
99 62.5 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 85 Resp: 514
Ion Ratio Lower Upper
85 100
87 42.8 16.1 48.2

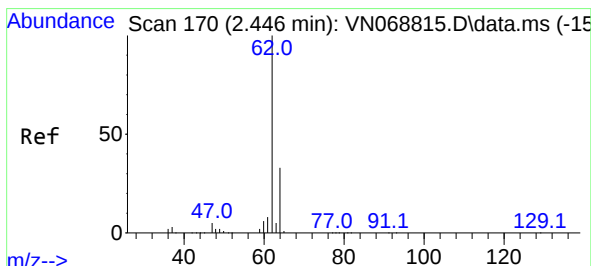
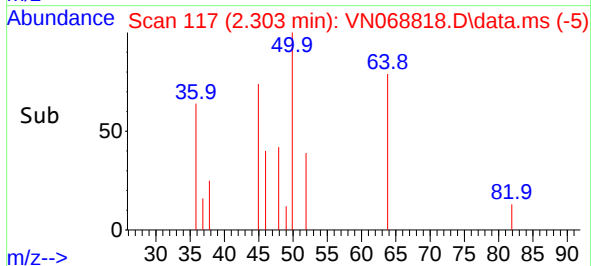
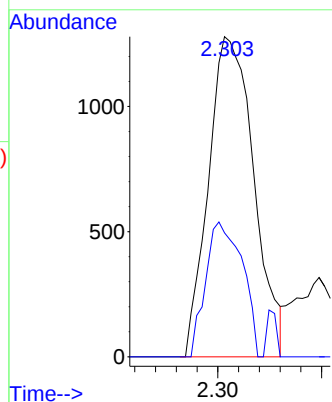
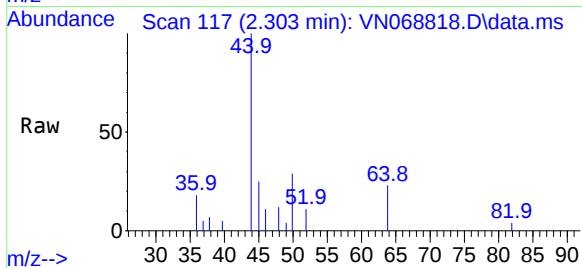




#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

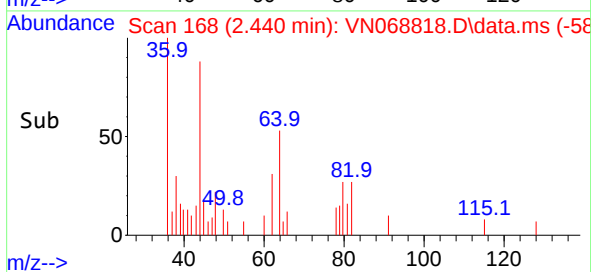
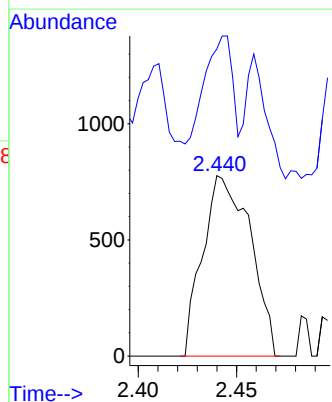
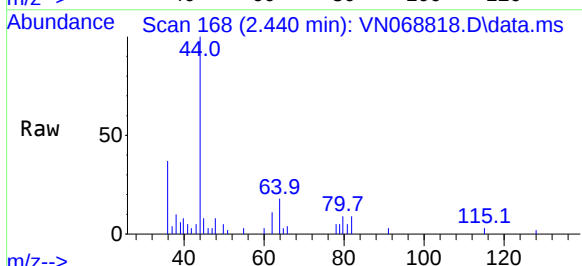
Instrument :
MSVOA_N
ClientSampled :
IBLK

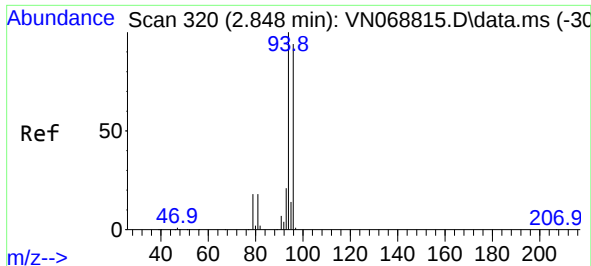
Tgt Ion: 50 Resp: 1943
Ion Ratio Lower Upper
50 100
52 38.7 25.6 38.4#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.440 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

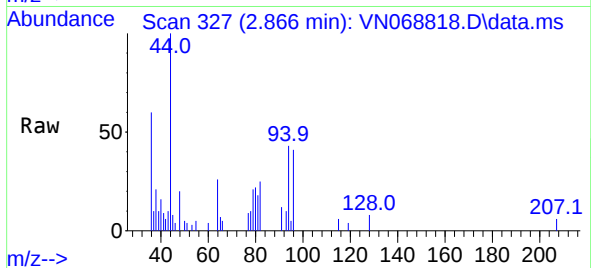
Tgt Ion: 62 Resp: 1304
Ion Ratio Lower Upper
62 100
64 65.8 24.4 36.6#



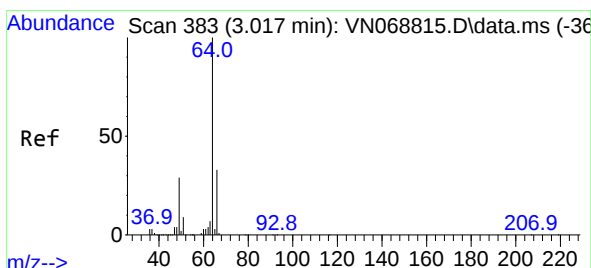
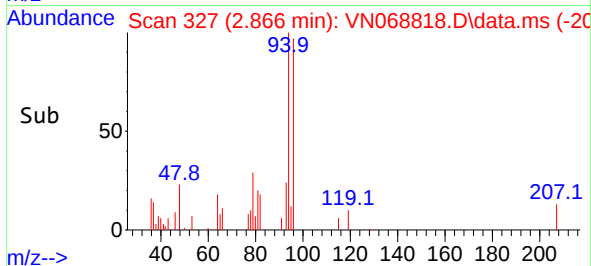
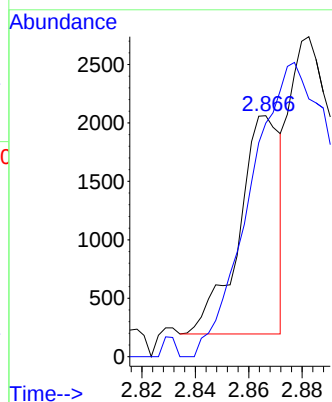


#5
Bromomethane
Concen: 0.27 ug/l
RT: 2.866 min Scan# 327
Delta R.T. 0.018 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Instrument :
MSVOA_N
ClientSampleId :
IBLK

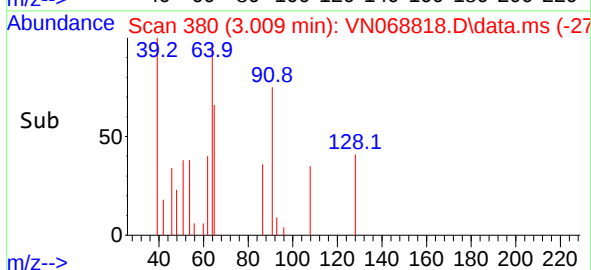
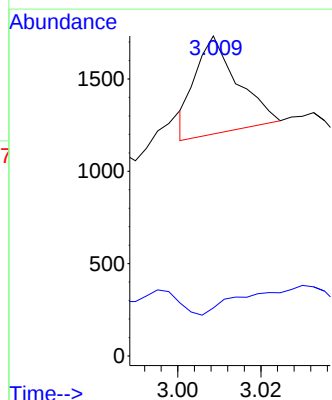
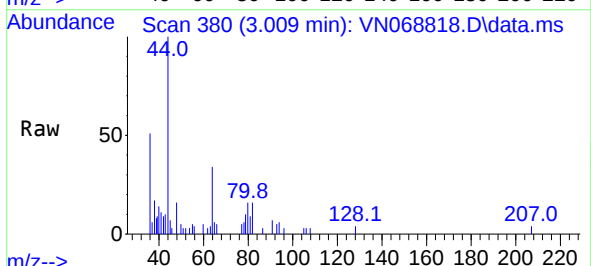


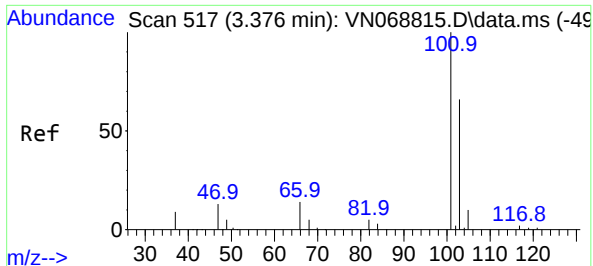
Tgt Ion: 94 Resp: 2008
Ion Ratio Lower Upper
94 100
96 107.0 73.7 110.5



#6
Chloroethane
Concen: Below Cal
RT: 3.009 min Scan# 380
Delta R.T. -0.008 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 64 Resp: 379
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

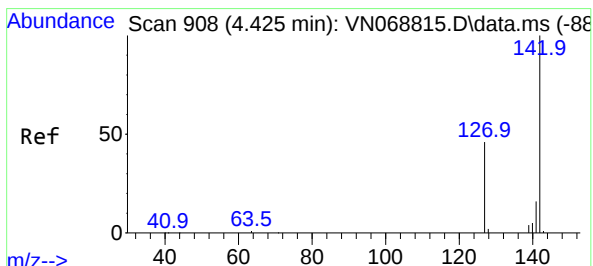
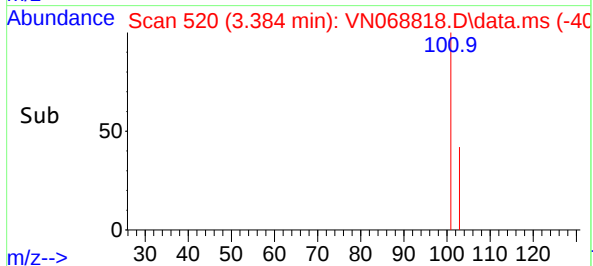
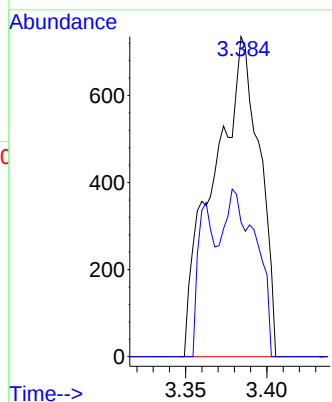
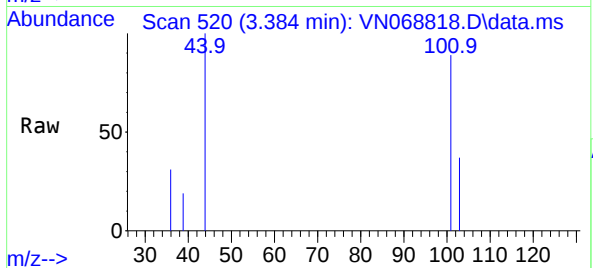




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.384 min Scan# 520
Delta R.T. 0.008 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

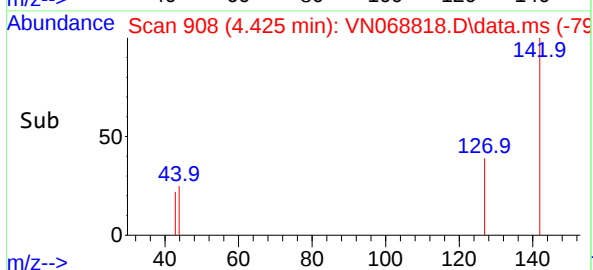
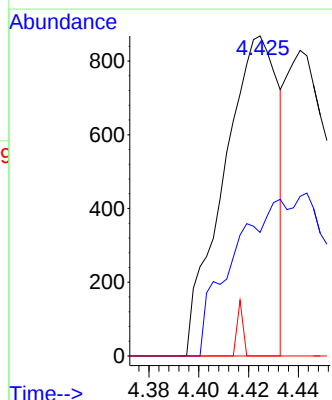
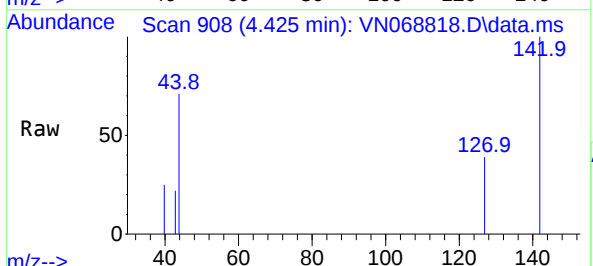
Instrument :
MSVOA_N
ClientSampled :
IBLK

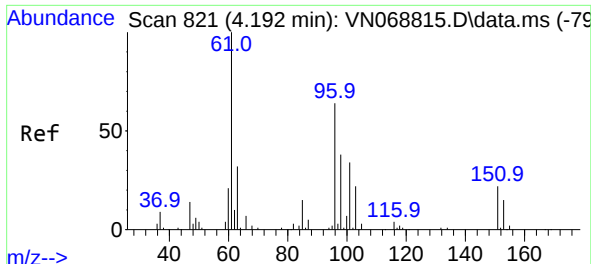
Tgt Ion:101 Resp: 1434
Ion Ratio Lower Upper
101 100
103 42.0 51.2 76.8#



#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 4.425 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:142 Resp: 1317
Ion Ratio Lower Upper
142 100
127 49.3 43.1 64.7
141 1.8 11.4 17.0#





#12

1,1-Dichloroethene

Concen: Below Cal

RT: 4.197 min Scan# 823

Delta R.T. 0.005 min

Lab File: VN068818.D

Acq: 6 Oct 2021 14:32

Tgt Ion: 96 Resp: 448

Ion Ratio Lower Upper

96 100

61 81.3 152.6 229.0#

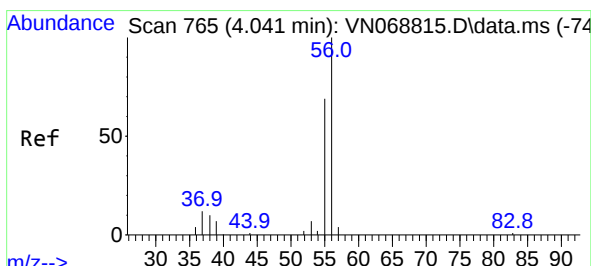
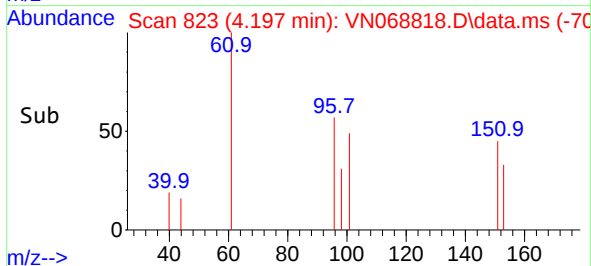
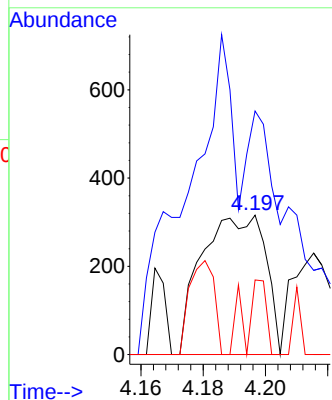
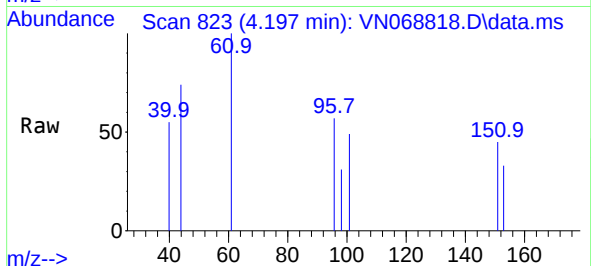
98 53.5 50.9 76.3

Instrument :

MSVOA_N

ClientSampled :

IBLK



#13

Acrolein

Concen: 1.66 ug/l

RT: 4.044 min Scan# 766

Delta R.T. 0.003 min

Lab File: VN068818.D

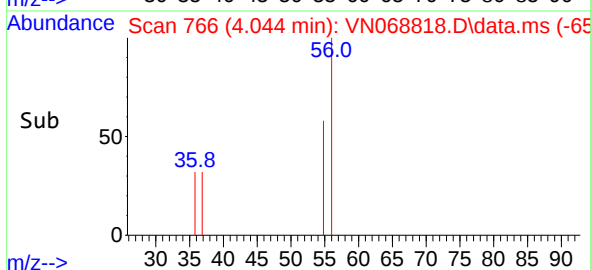
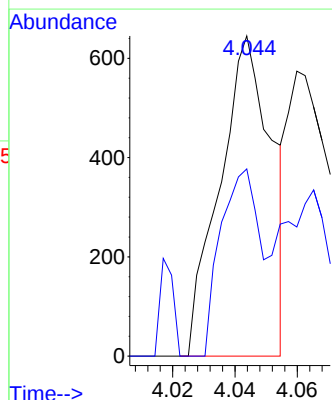
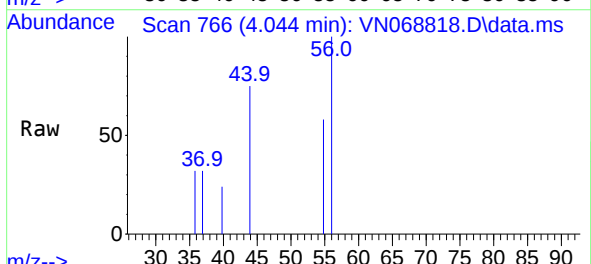
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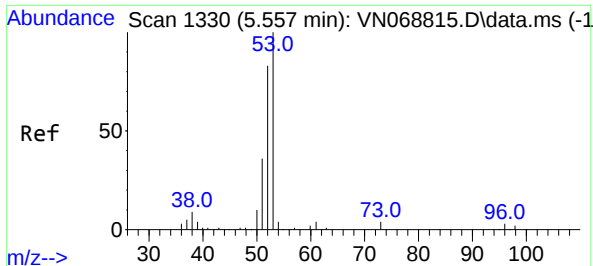
Tgt Ion: 56 Resp: 740

Ion Ratio Lower Upper

56 100

55 43.4 57.4 86.0#

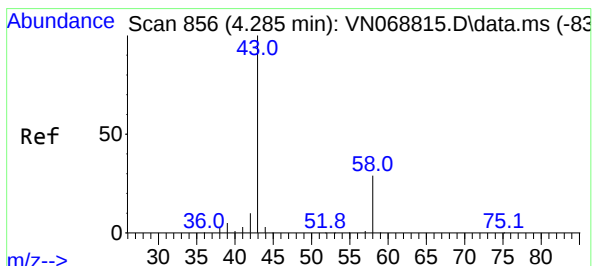
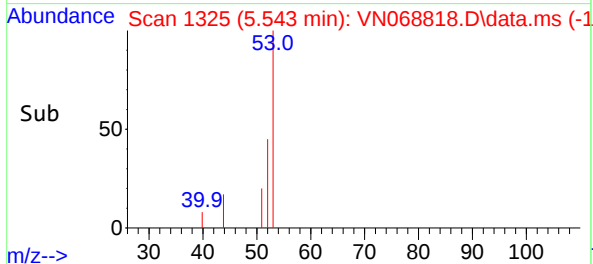
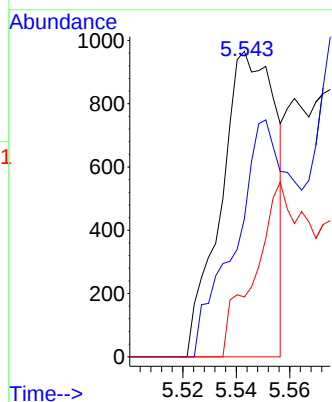
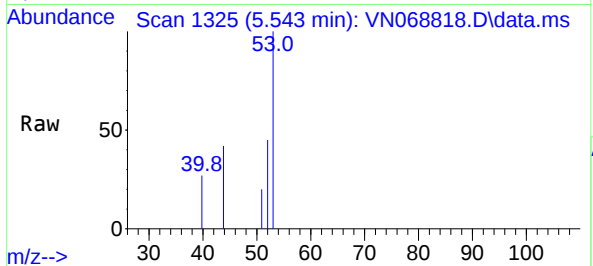




#15
Acrylonitrile
Concen: 0.64 ug/l
RT: 5.543 min Scan# 1325
Delta R.T. -0.014 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

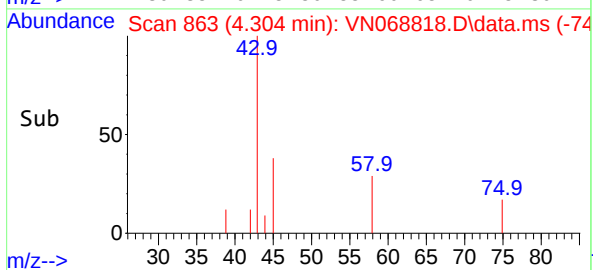
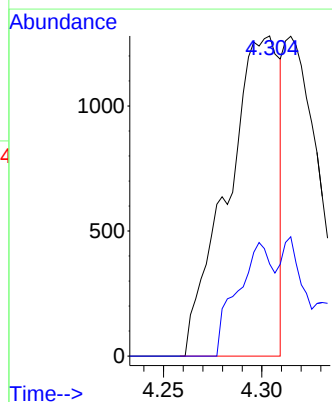
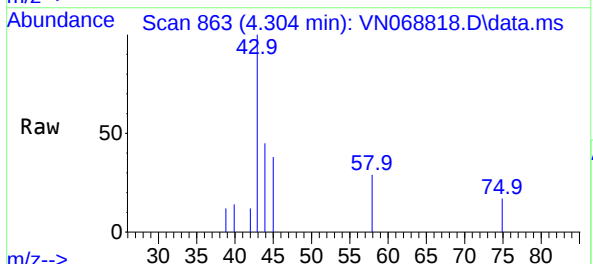
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MSVOA_N
ClientSampled :
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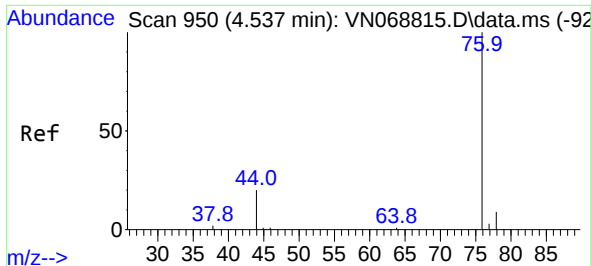
Tgt Ion: 53 Resp: 1370
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 54.6 30.2 45.4#



#16
Acetone
Concen: Below Cal
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
58 28.8 21.2 31.8

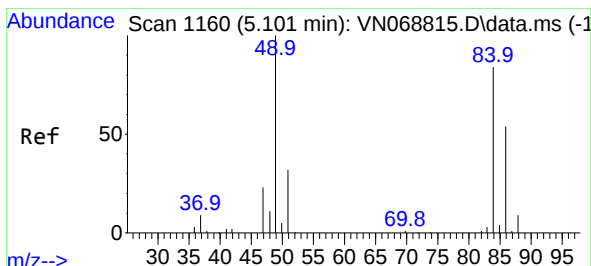
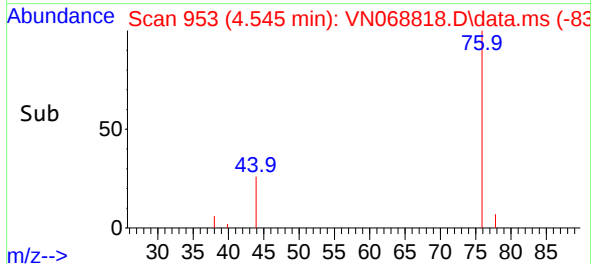
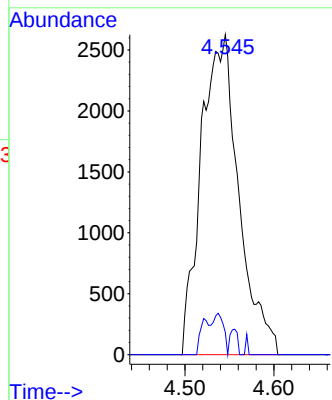
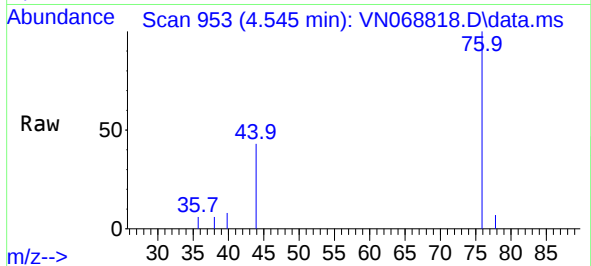




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.545 min Scan# 953
Delta R.T. 0.008 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

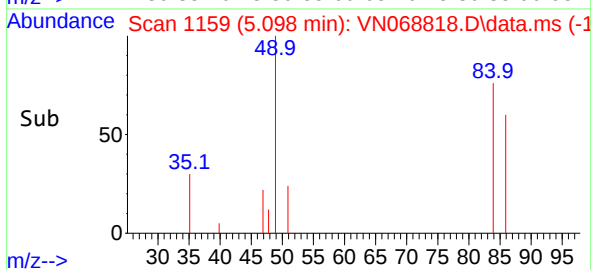
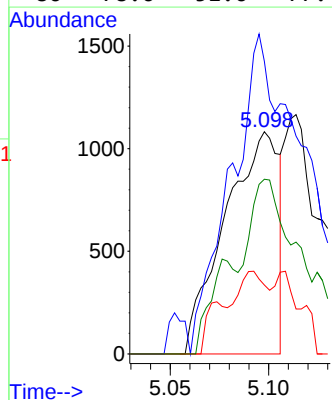
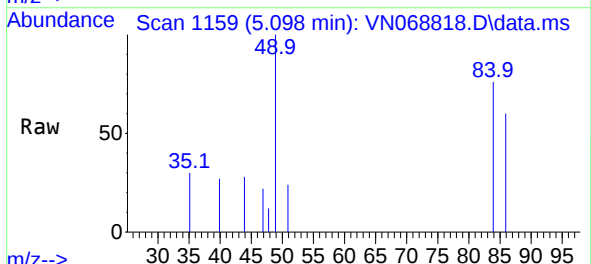
Instrument :
MSVOA_N
ClientSampled :
IBLK

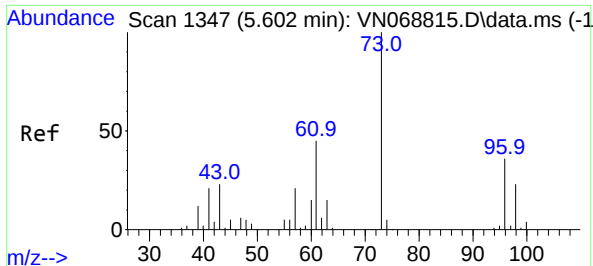
Tgt Ion: 76 Resp: 7706
Ion Ratio Lower Upper
76 100
78 7.0 7.7 11.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 84 Resp: 2055
Ion Ratio Lower Upper
84 100
49 116.9 110.9 166.3
51 31.0 32.6 49.0#
86 78.6 51.6 77.4#

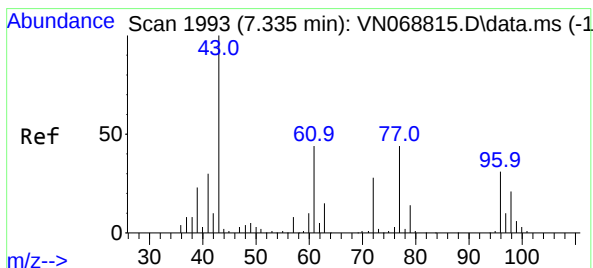
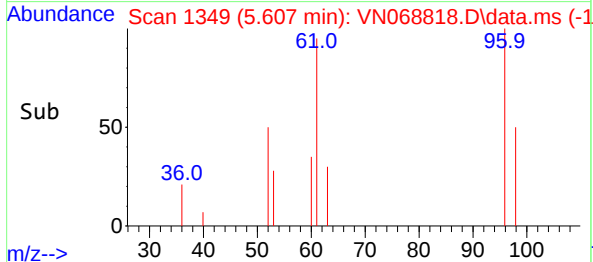
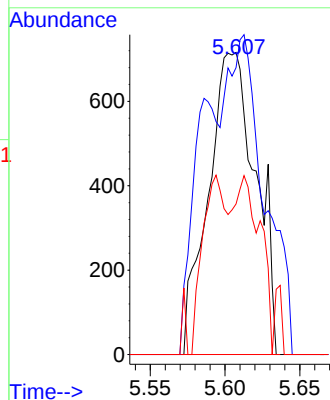
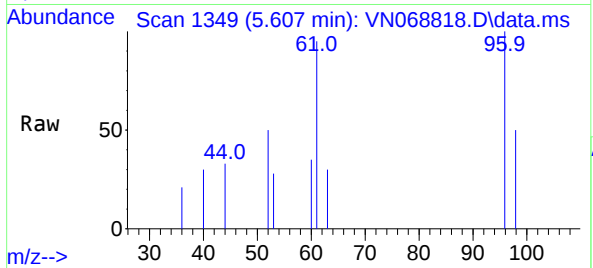




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.607 min Scan# 1349
Delta R.T. 0.005 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

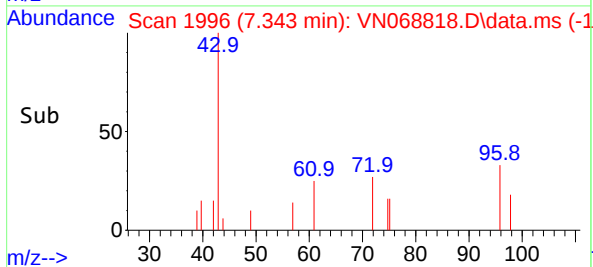
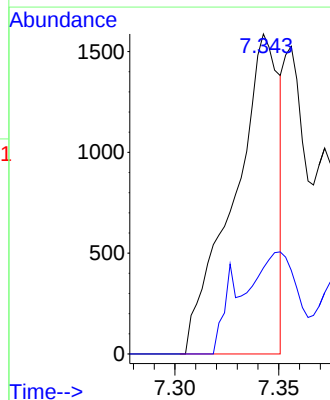
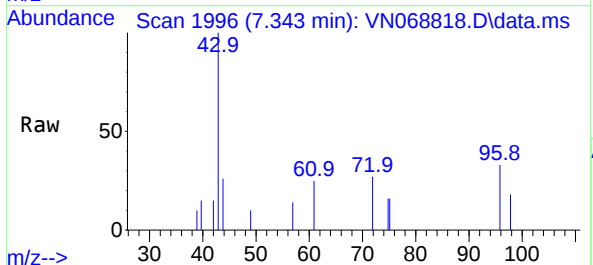
Instrument :
MSVOA_N
ClientSampled :
IBLK

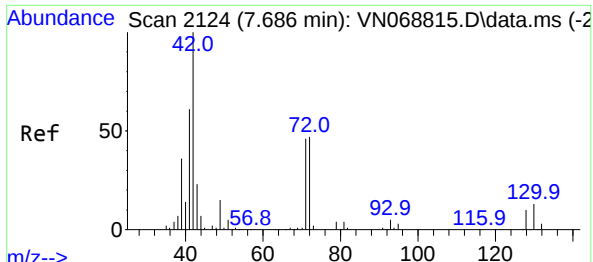
Tgt Ion: 96 Resp: 1583
Ion Ratio Lower Upper
96 100
61 95.0 123.5 185.3#
98 49.9 48.6 72.8



#25
2-Butanone
Concen: 0.76 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 43 Resp: 2408
Ion Ratio Lower Upper
43 100
72 26.9 19.7 29.5



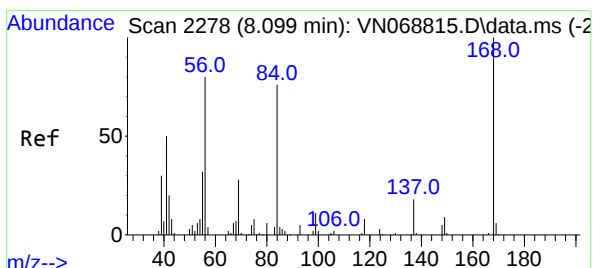
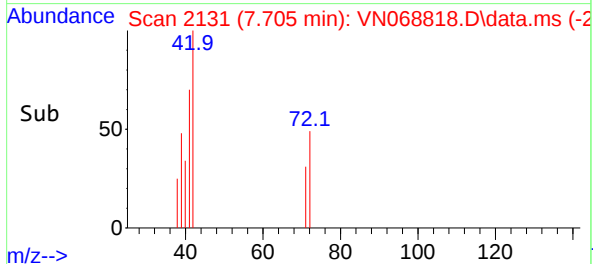
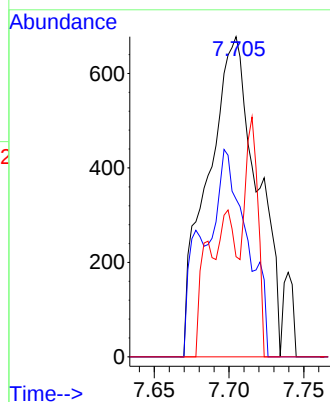
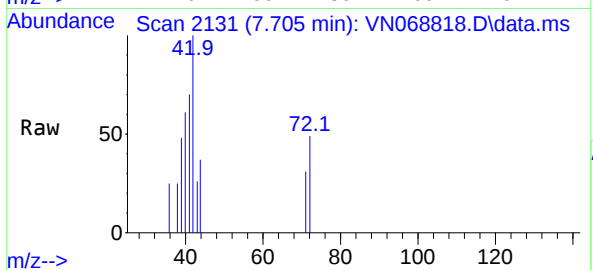


#29
Tetrahydrofuran
Concen: 0.81 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.019 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 42 Resp: 1557

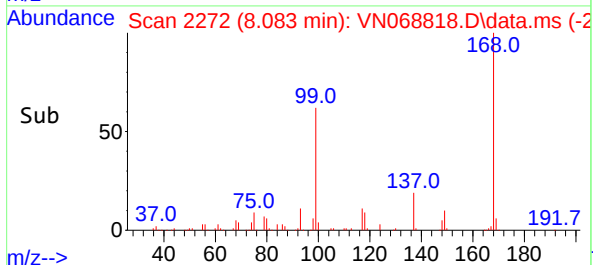
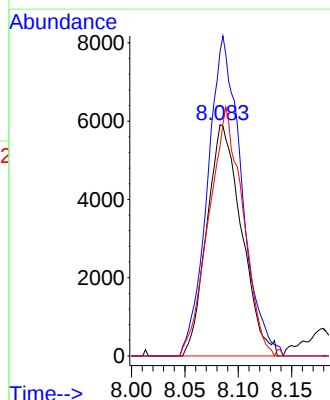
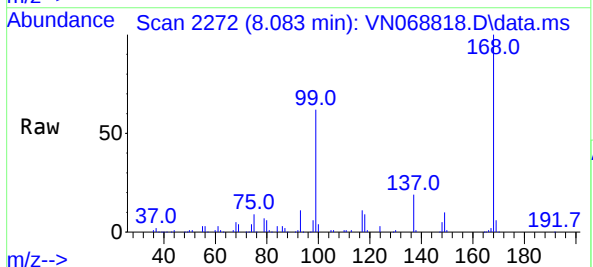
Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.8	49.2
71	16.0	31.2	46.8

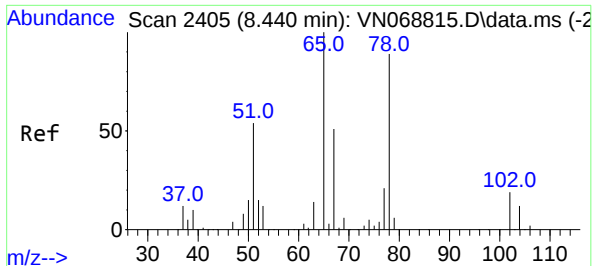


#31
Cyclohexane
Concen: Below Cal
RT: 8.083 min Scan# 2272
Delta R.T. -0.016 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 56 Resp: 13364

Ion	Ratio	Lower	Upper
56	100		
69	131.6	27.3	40.9
84	90.6	64.9	97.3

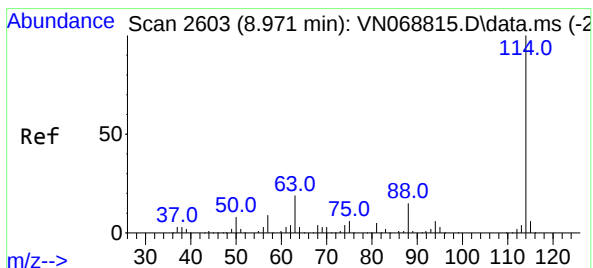
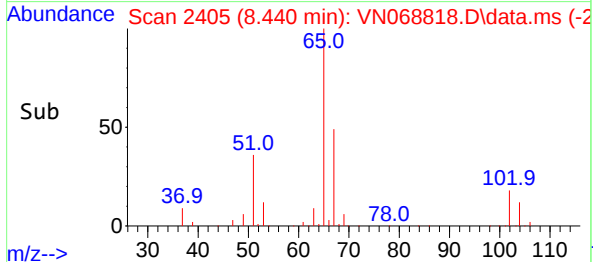
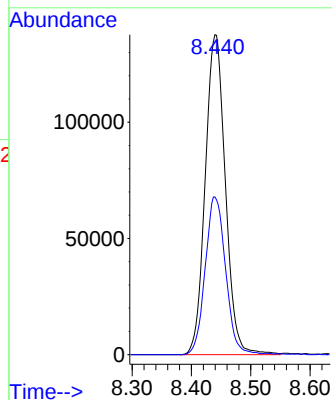
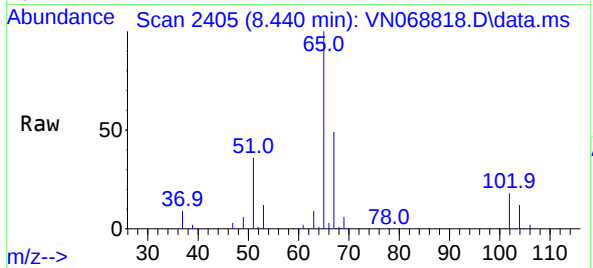




#33
1,2-Dichloroethane-d4
Concen: 46.85 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

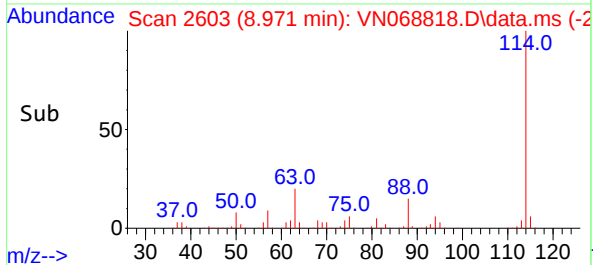
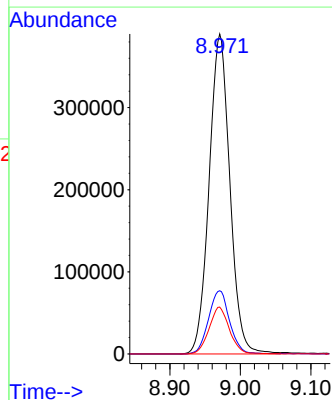
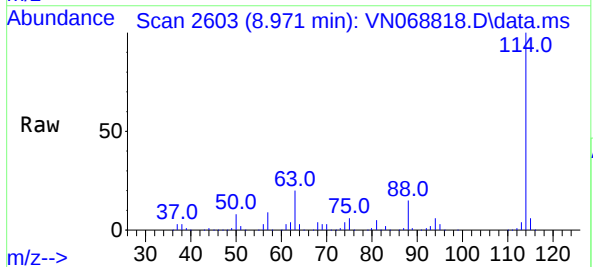
Instrument :
MSVOA_N
ClientSampled :
IBLK

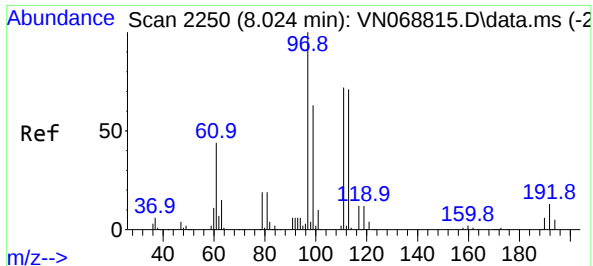
Tgt Ion: 65 Resp: 324658
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 114 Resp: 796567
Ion Ratio Lower Upper
114 100
63 19.8 0.0 49.0
88 14.7 0.0 36.6

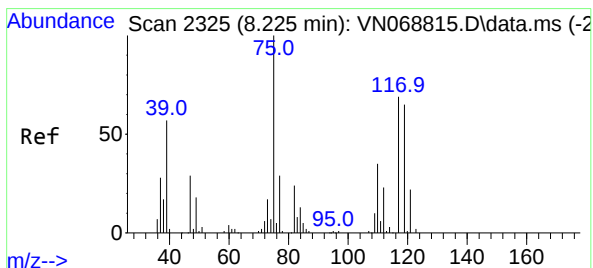
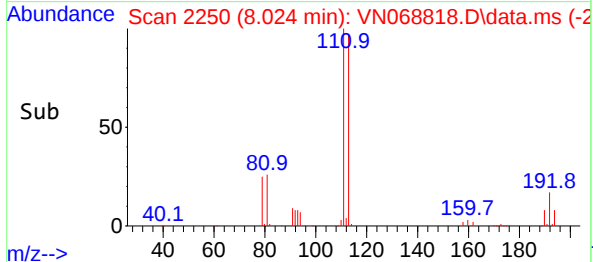
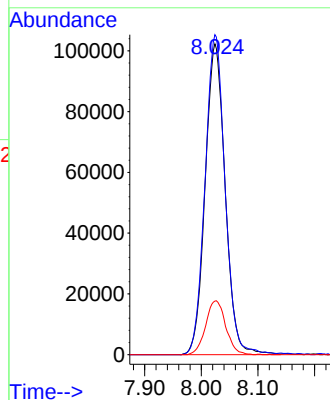
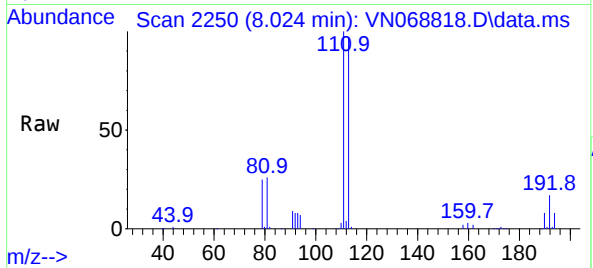




#35
Dibromofluoromethane
Concen: 47.98 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

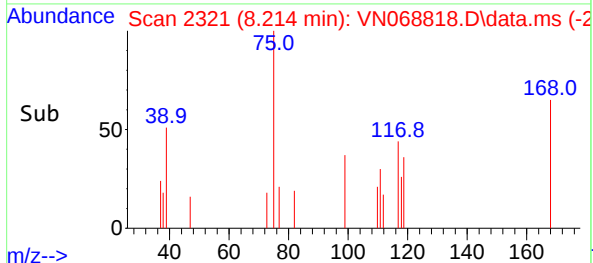
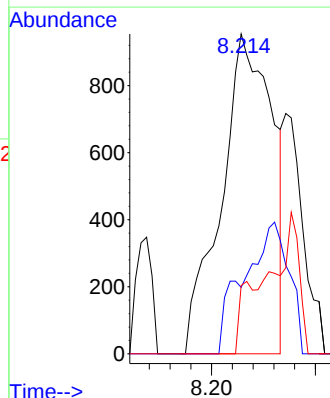
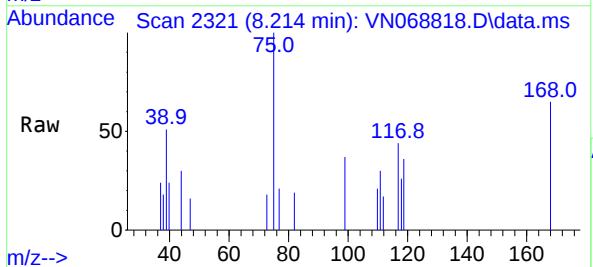
Instrument :
MSVOA_N
ClientSampled :
IBLK

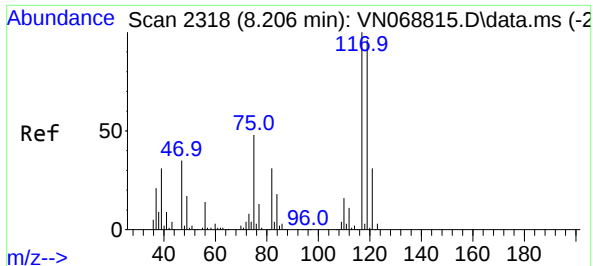
Tgt Ion:113 Resp: 251078
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.8
192 17.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 0.26 ug/l
RT: 8.214 min Scan# 2321
Delta R.T. -0.011 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 75 Resp: 1628
Ion Ratio Lower Upper
75 100
110 0.0 15.7 47.0#
77 6.0 24.6 37.0#

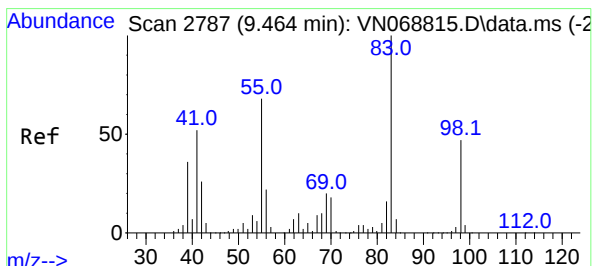
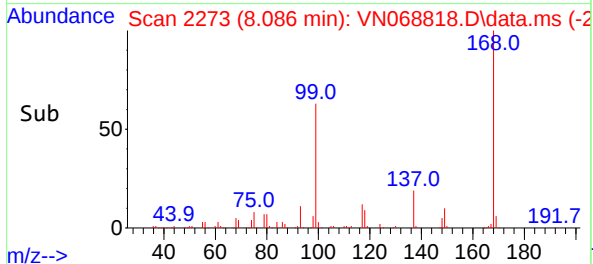
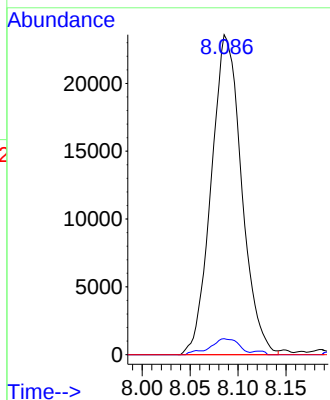
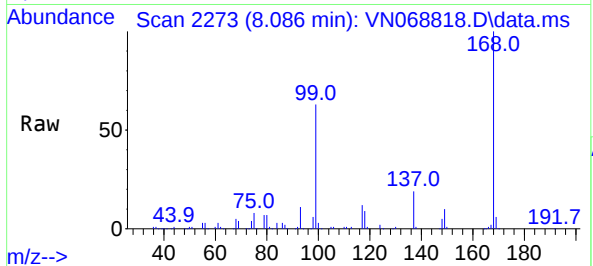




#38
Carbon Tetrachloride
Concen: 6.86 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

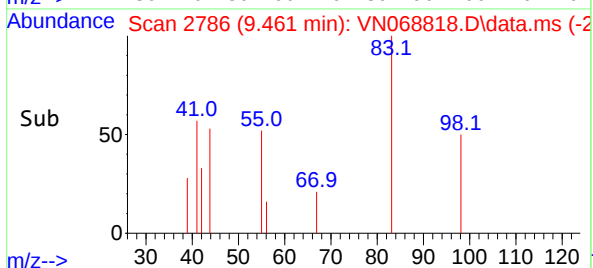
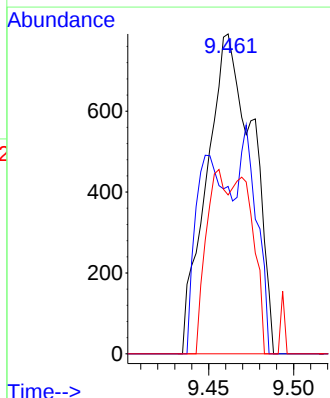
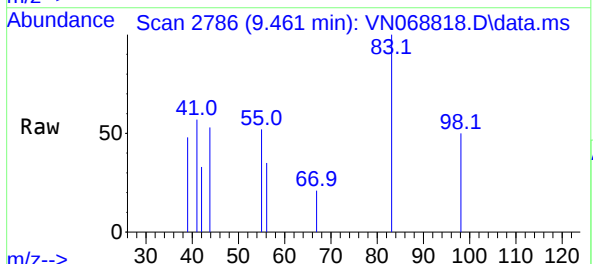
Instrument :
MSVOA_N
ClientSampled :
IBLK

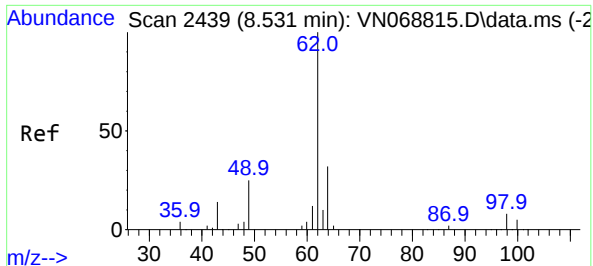
Tgt Ion:117 Resp: 52002
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 23.5 35.3#



#39
Methylcyclohexane
Concen: 0.21 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 83 Resp: 1491
Ion Ratio Lower Upper
83 100
55 52.3 66.6 99.8#
98 49.7 35.3 52.9



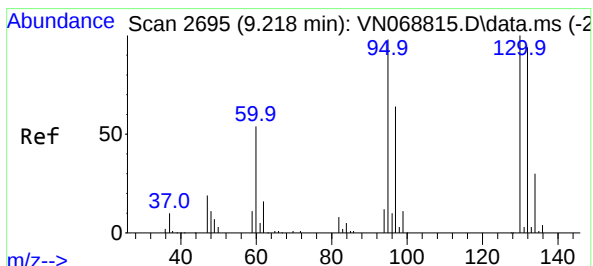
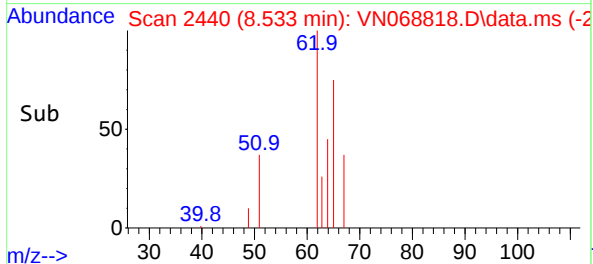
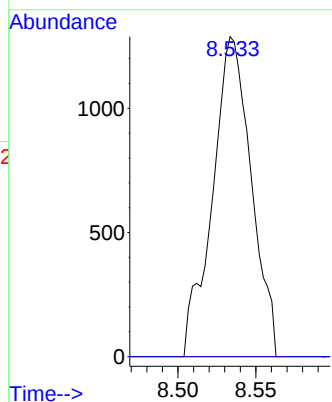
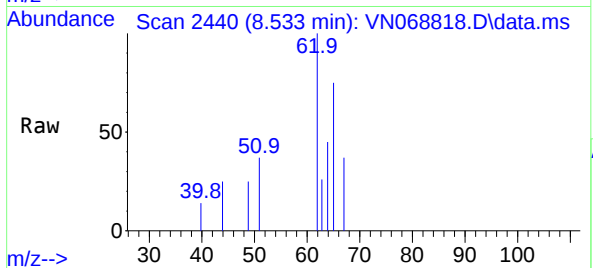


#42

1,2-Dichloroethane
Concen: 0.29 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Instrument :
MSVOA_N
ClientSampleId :
IBLK

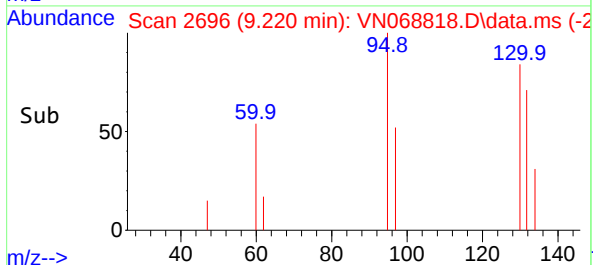
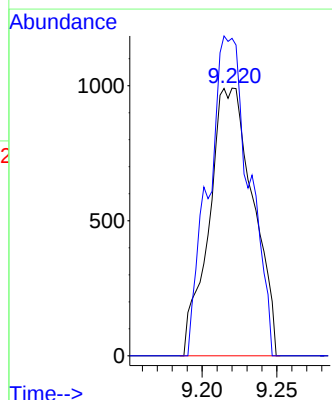
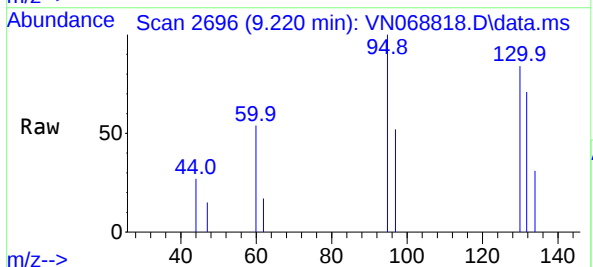
Tgt Ion: 62 Resp: 2237
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.2

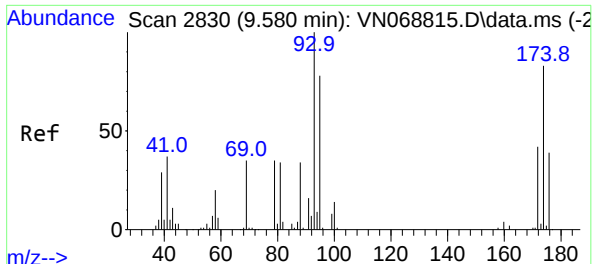


#44

Trichloroethene
Concen: 0.40 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 130 Resp: 2037
Ion Ratio Lower Upper
130 100
95 118.6 0.0 234.4

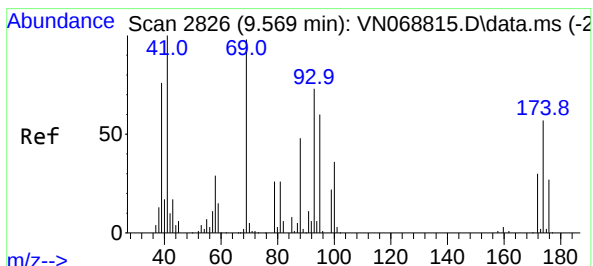
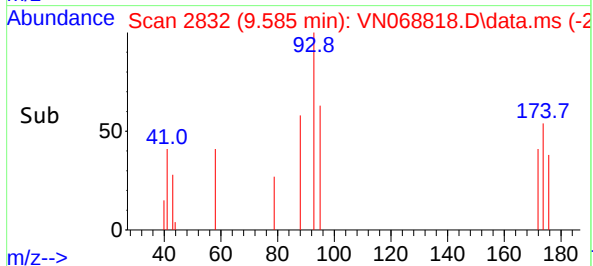
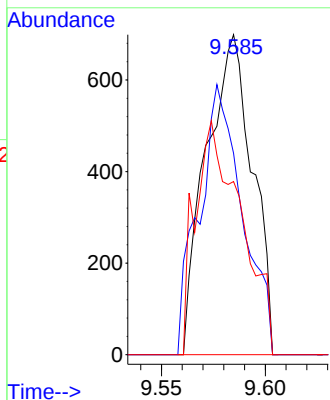
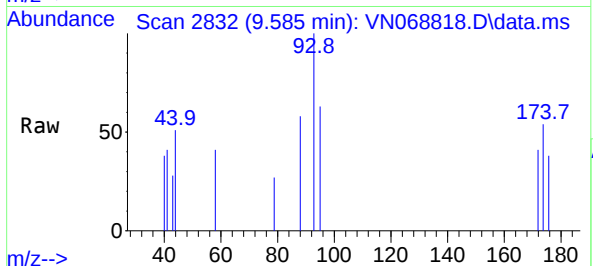




#46
Dibromomethane
Concen: 0.27 ug/l
RT: 9.585 min Scan# 2832
Delta R.T. 0.005 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

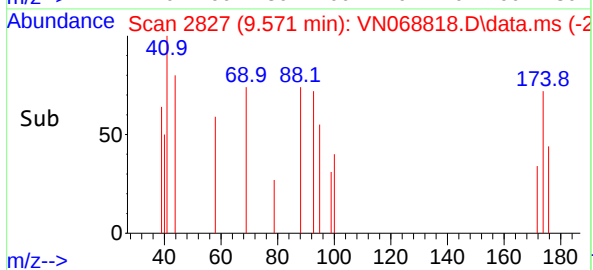
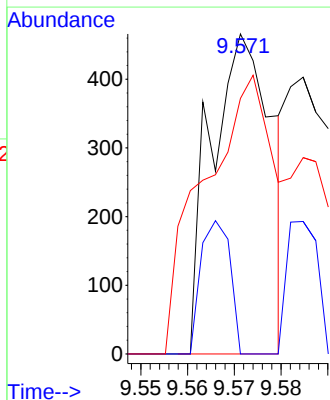
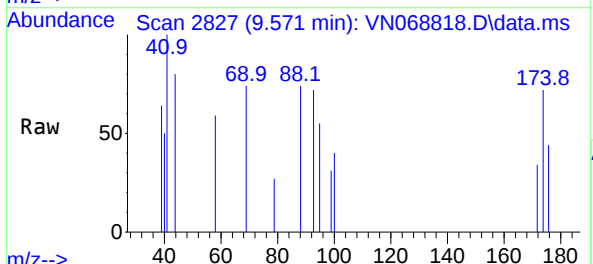
Instrument :
MSVOA_N
ClientSampled :
IBLK

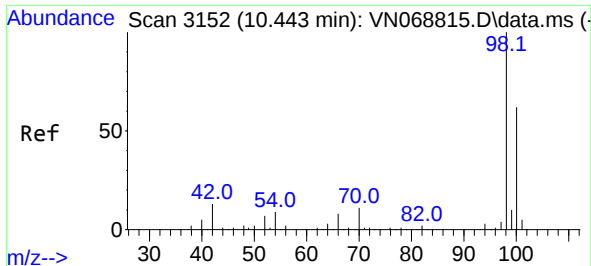
Tgt Ion: 93 Resp: 1082
Ion Ratio Lower Upper
93 100
95 79.4 66.1 99.1
174 72.1 61.0 91.4



#49
1,4-Dioxane
Concen: 4.13 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 88 Resp: 420
Ion Ratio Lower Upper
88 100
43 20.0 28.8 43.2#
58 109.0 60.4 90.6#

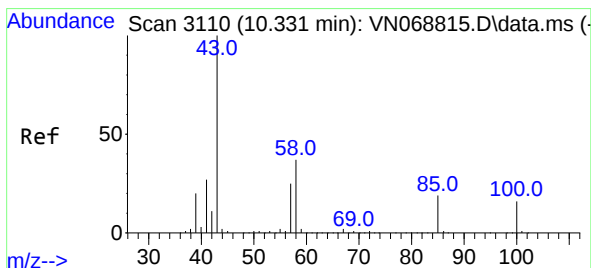
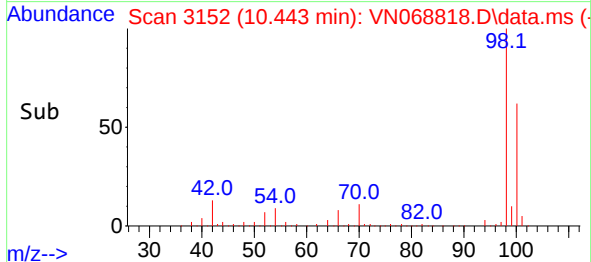
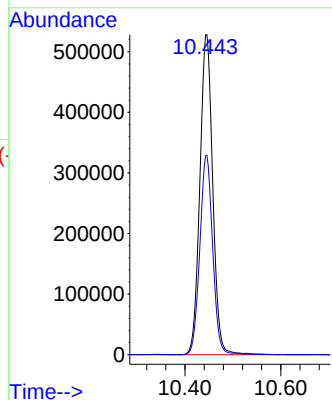
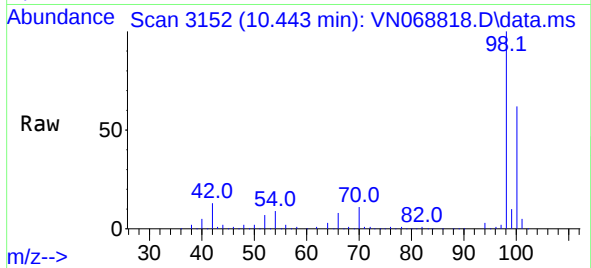




#50
Toluene-d8
Concen: 48.42 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

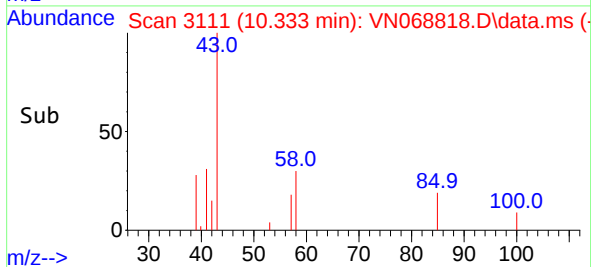
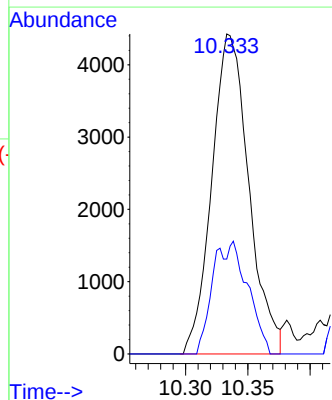
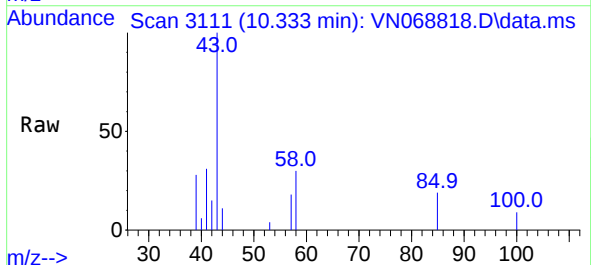
Instrument :
MSVOA_N
ClientSampled :
IBLK

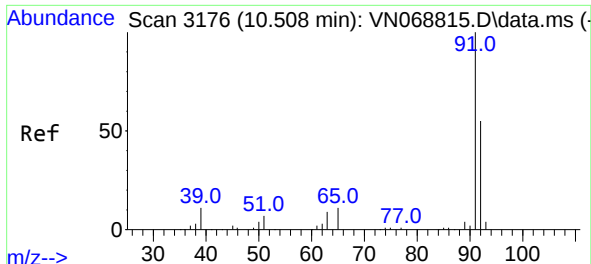
Tgt Ion: 98 Resp: 988109
Ion Ratio Lower Upper
98 100
100 62.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.31 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 43 Resp: 9146
Ion Ratio Lower Upper
43 100
58 12.5 28.6 43.0#

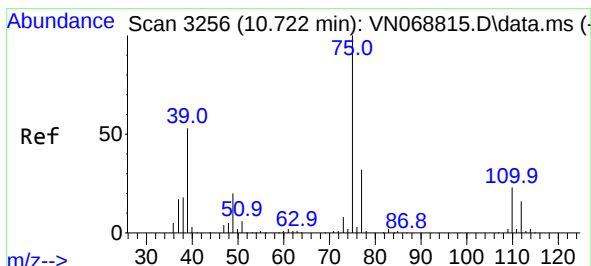
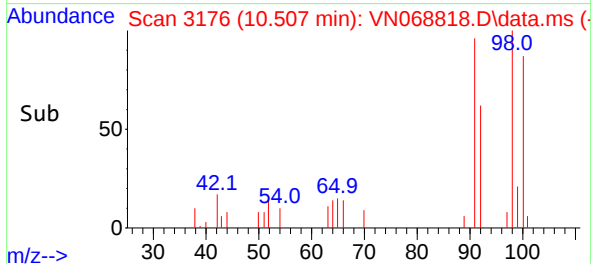
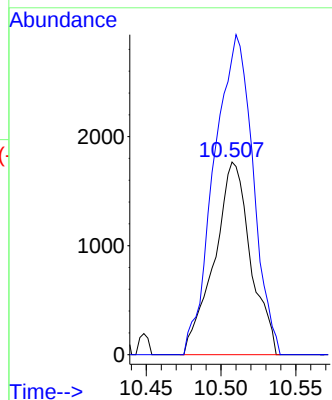
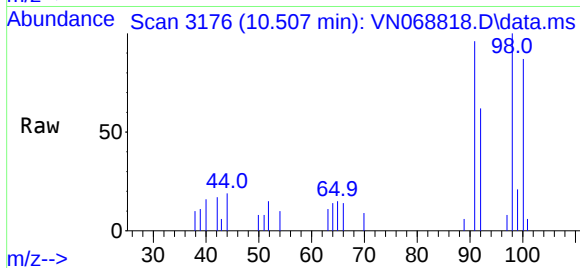




#52
Toluene
Concen: 0.23 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

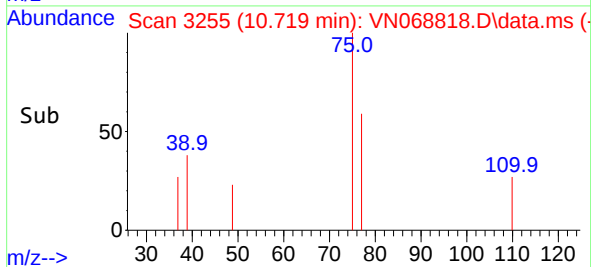
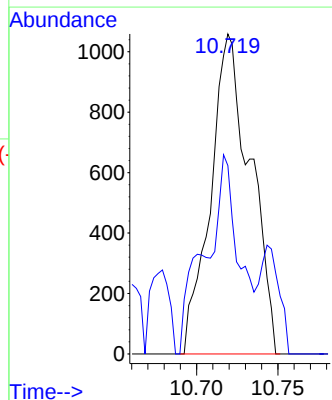
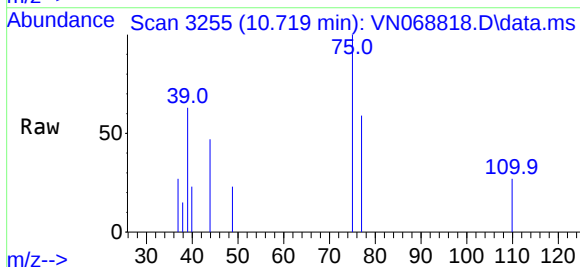
Instrument :
MSVOA_N
ClientSampled :
IBLK

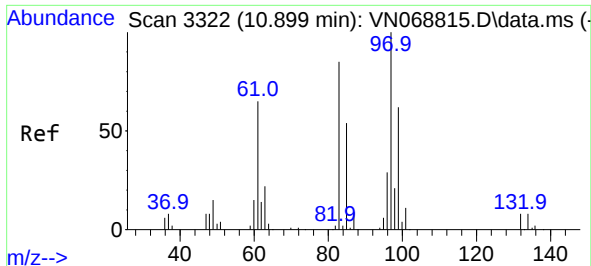
Tgt Ion: 92 Resp: 2988
Ion Ratio Lower Upper
92 100
91 177.8 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 0.22 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

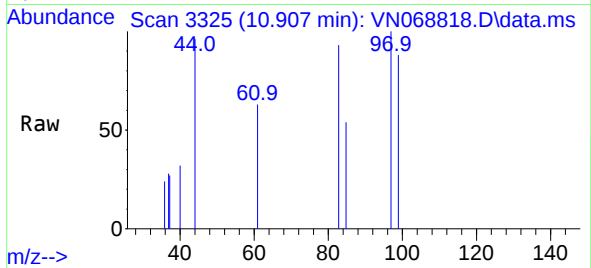
Tgt Ion: 75 Resp: 1805
Ion Ratio Lower Upper
75 100
77 58.8 25.1 37.7#



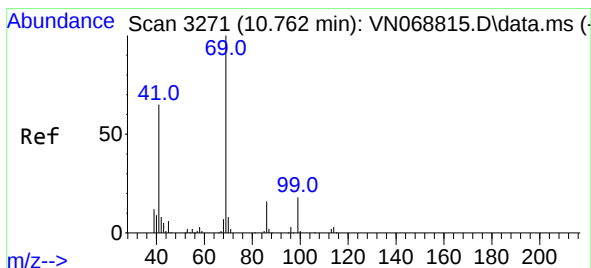
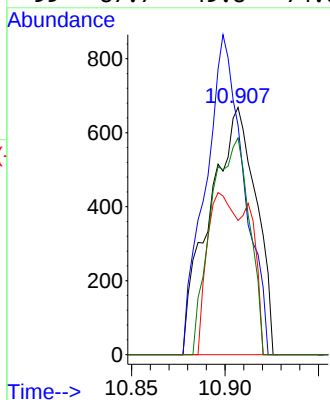
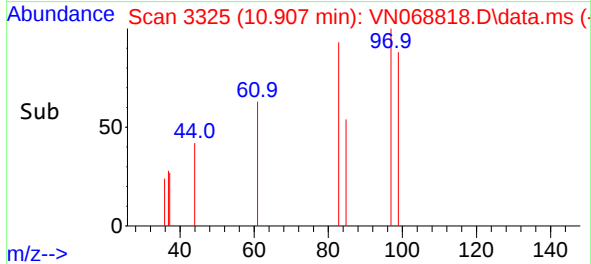


#55
1,1,2-Trichloroethane
Concen: 0.21 ug/l
RT: 10.907 min Scan# 3325
Delta R.T. 0.008 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

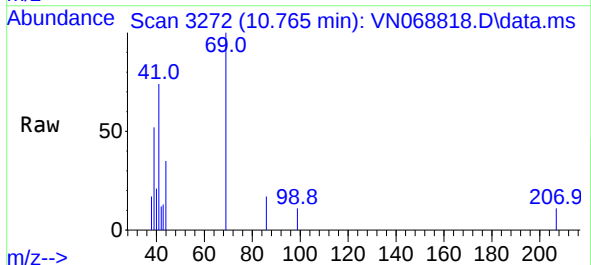
Instrument :
MSVOA_N
ClientSampled :
IBLK



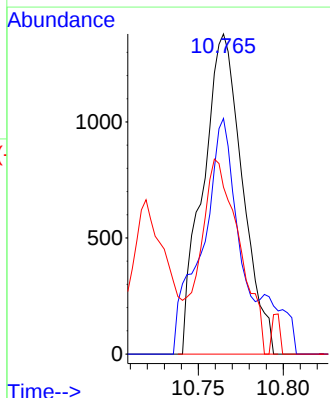
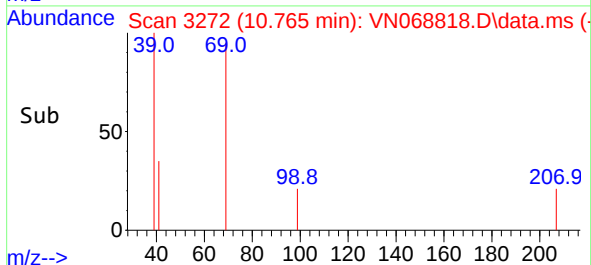
Tgt Ion: 97 Resp: 1159
Ion Ratio Lower Upper
97 100
83 92.8 72.0 108.0
85 54.3 46.8 70.2
99 87.7 49.8 74.6#

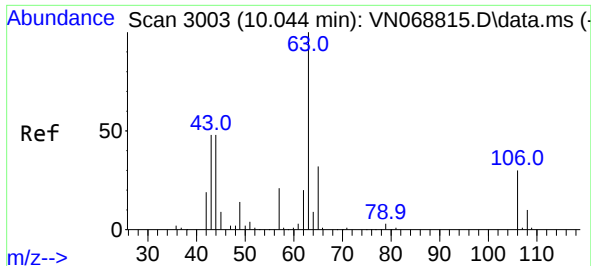


#56
Ethyl methacrylate
Concen: 0.29 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32



Tgt Ion: 69 Resp: 2229
Ion Ratio Lower Upper
69 100
41 66.5 58.6 88.0
39 58.4 38.3 57.5#

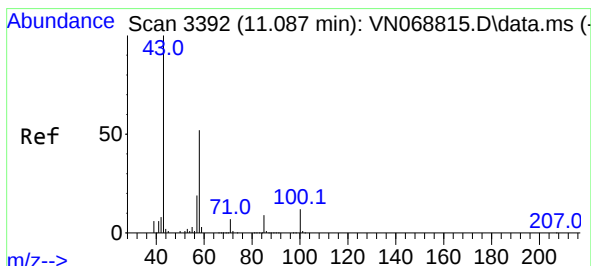
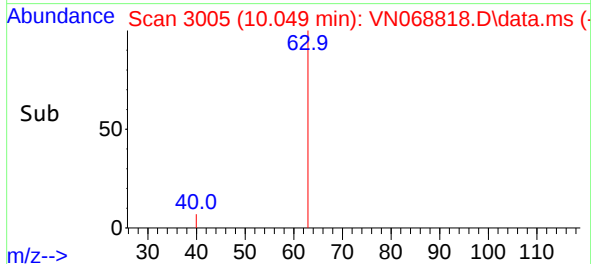
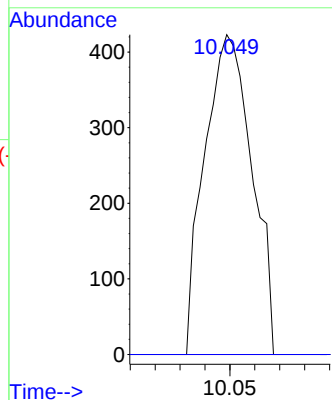
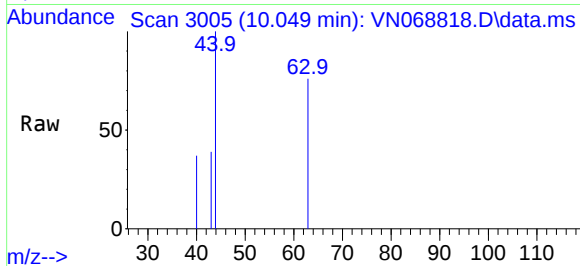




#58
2-Chloroethyl Vinyl ether
Concen: 33.06 ug/l
RT: 10.049 min Scan# 3005
Delta R.T. 0.005 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

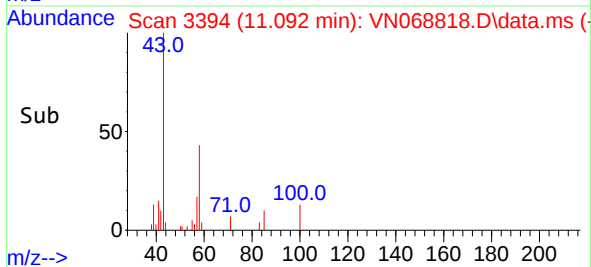
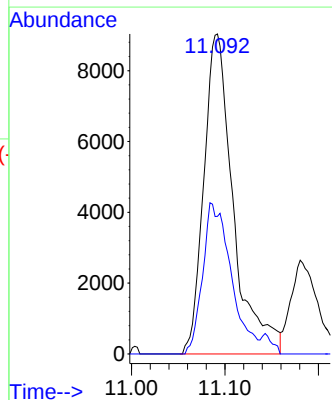
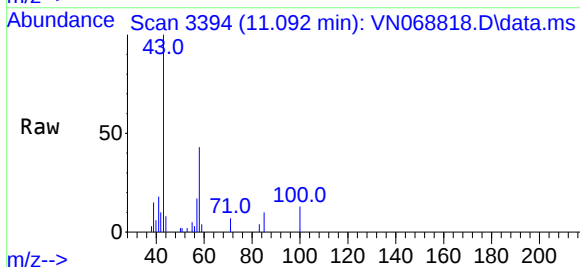
Instrument :
MSVOA_N
ClientSampled :
IBLK

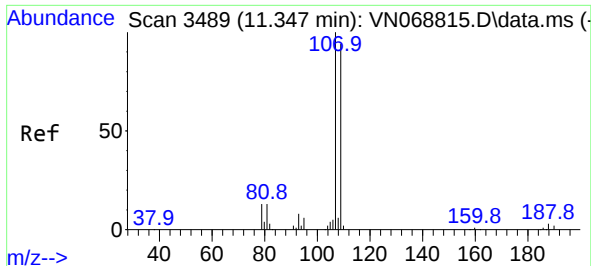
Tgt Ion: 63 Resp: 560
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#



#59
2-Hexanone
Concen: 3.95 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 43 Resp: 19830
Ion Ratio Lower Upper
43 100
58 45.7 24.7 74.1

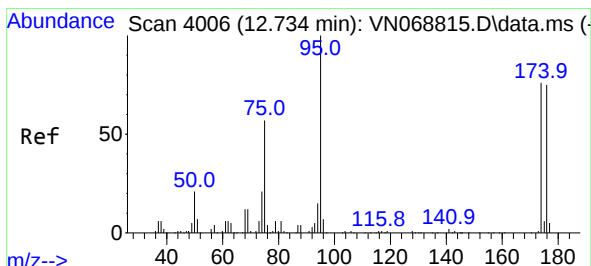
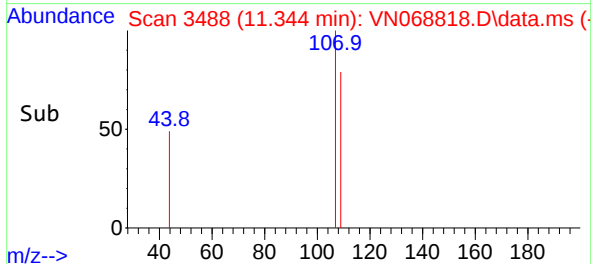
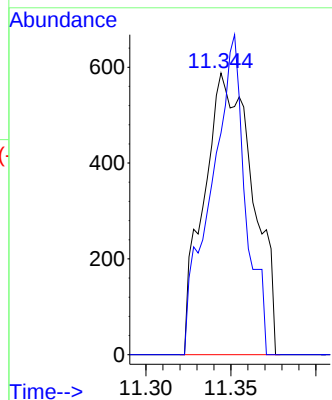
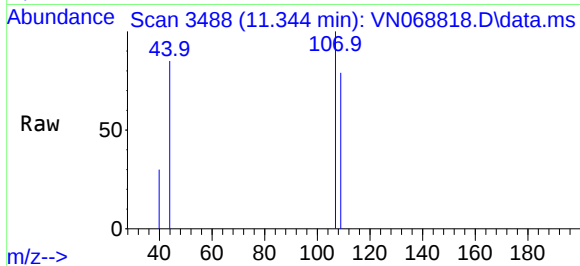




#61
1,2-Dibromoethane
Concen: 0.21 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

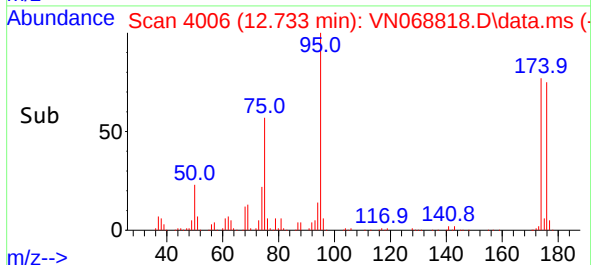
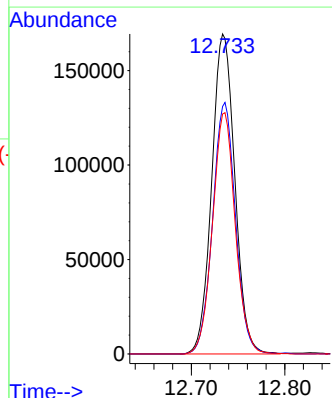
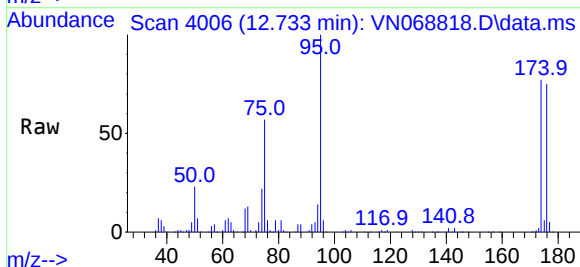
Instrument :
MSVOA_N
ClientSampleId :
IBLK

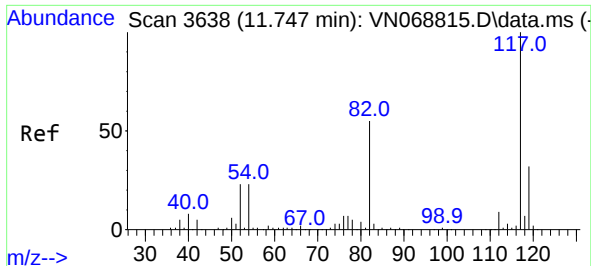
Tgt Ion:107 Resp: 1183
Ion Ratio Lower Upper
107 100
109 79.4 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 38.90 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 95 Resp: 290911
Ion Ratio Lower Upper
95 100
174 77.9 0.0 122.0
176 74.7 0.0 117.6

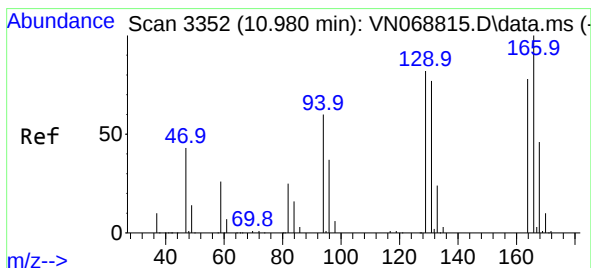
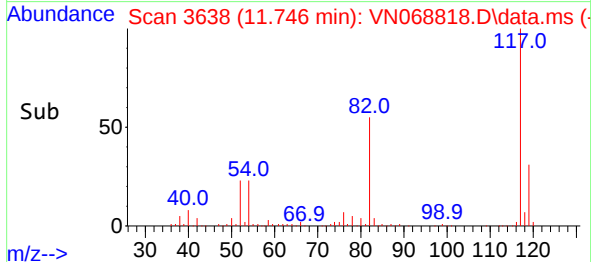
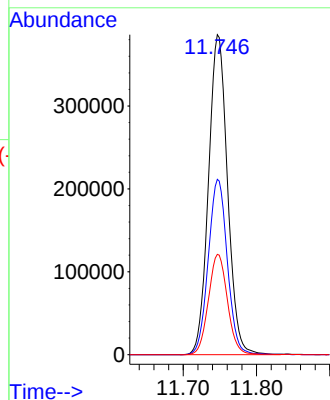
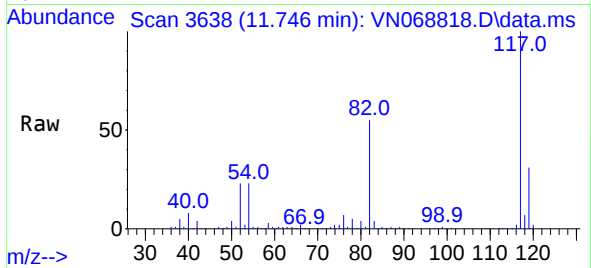




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

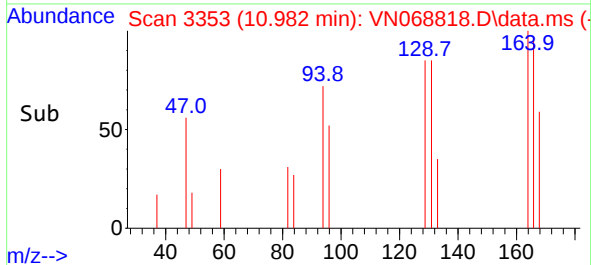
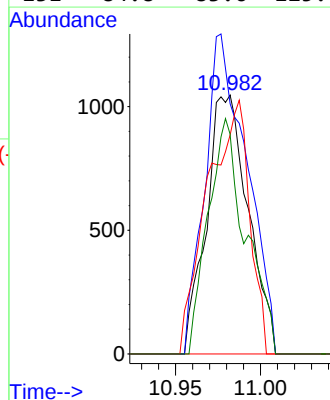
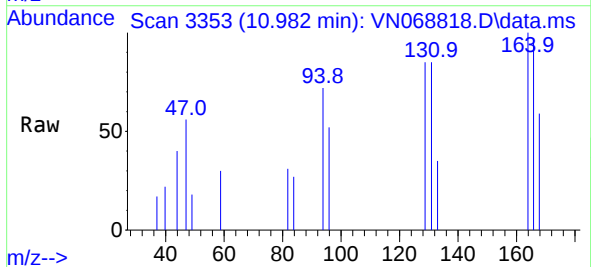
Instrument :
MSVOA_N
ClientSampleId :
IBLK

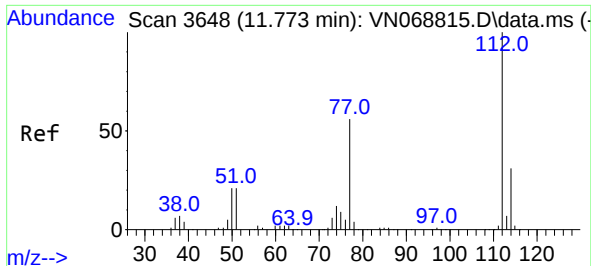
Tgt Ion:117 Resp: 696415
Ion Ratio Lower Upper
117 100
82 54.8 53.1 79.7
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.43 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:164 Resp: 1790
Ion Ratio Lower Upper
164 100
166 96.7 102.1 153.1#
129 84.6 86.9 130.3#
131 84.8 83.6 125.4

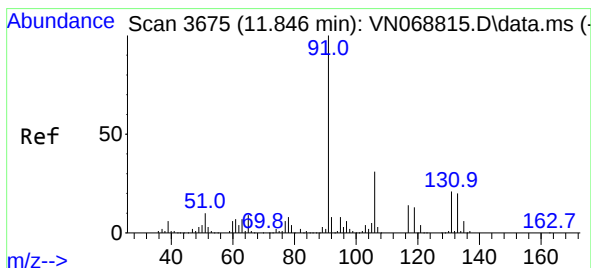
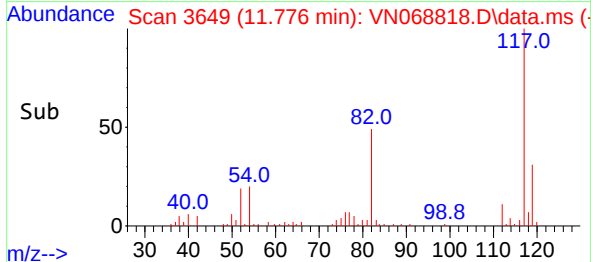
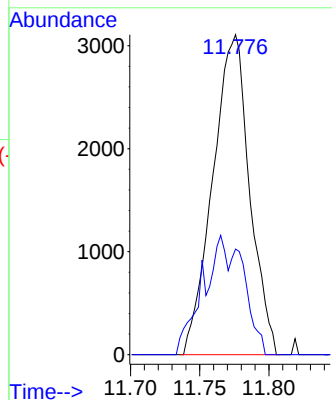
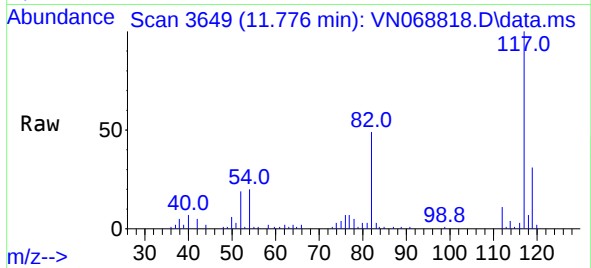




#65
Chlorobenzene
Concen: 0.43 ug/l
RT: 11.776 min Scan# 3649
Delta R.T. 0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

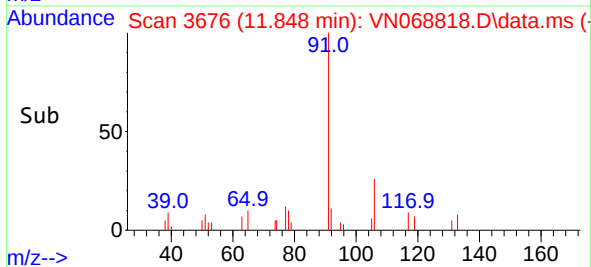
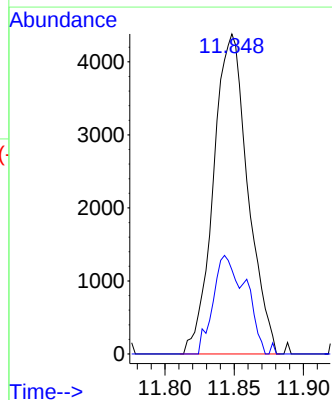
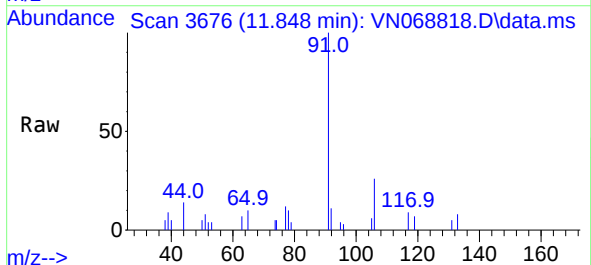
Instrument :
MSVOA_N
ClientSampled :
IBLK

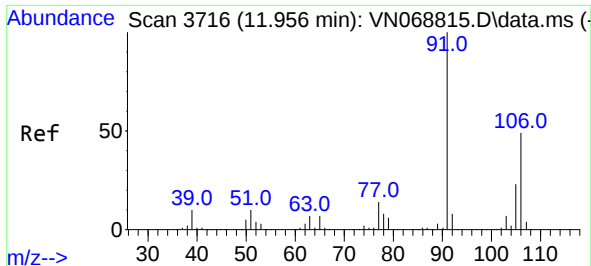
Tgt Ion:112 Resp: 5758
Ion Ratio Lower Upper
112 100
114 33.0 24.6 37.0



#67
Ethyl Benzene
Concen: 0.31 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 91 Resp: 7563
Ion Ratio Lower Upper
91 100
106 26.3 23.4 35.0

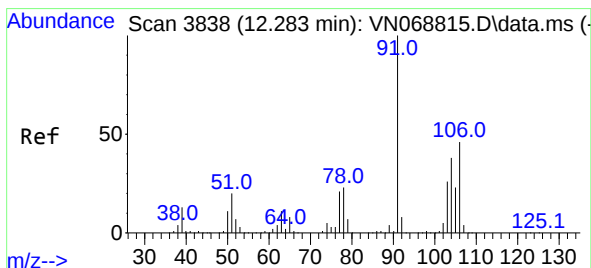
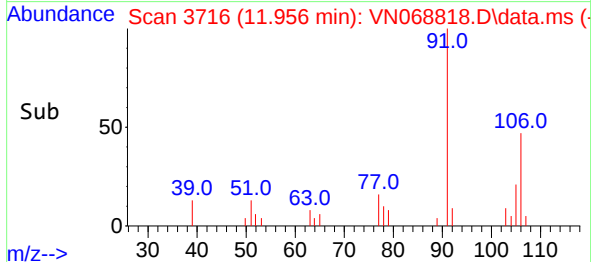
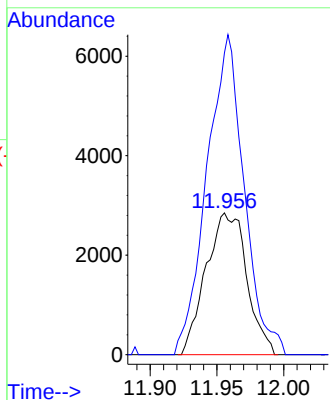
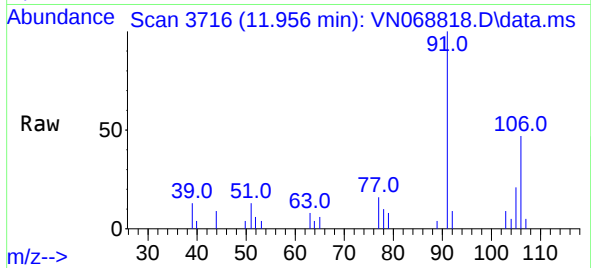




#68
m/p-Xylenes
Concen: 0.66 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

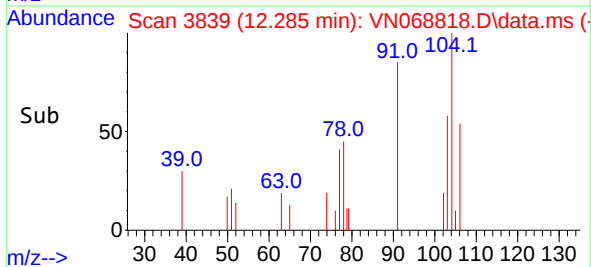
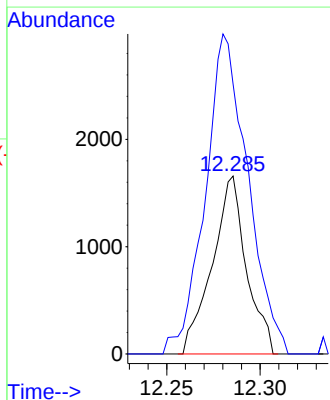
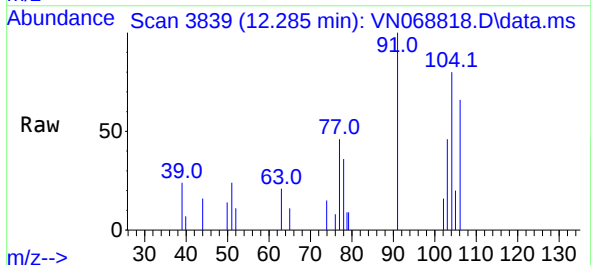
Instrument :
MSVOA_N
ClientSampled :
IBLK

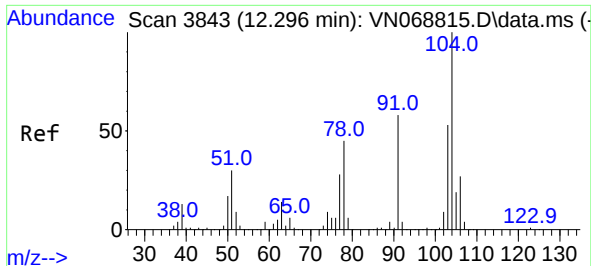
Tgt Ion:106 Resp: 6058
Ion Ratio Lower Upper
106 100
91 206.1 180.6 270.8



#69
o-Xylene
Concen: 0.23 ug/l
RT: 12.285 min Scan# 3839
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:106 Resp: 2112
Ion Ratio Lower Upper
106 100
91 223.7 118.3 354.9

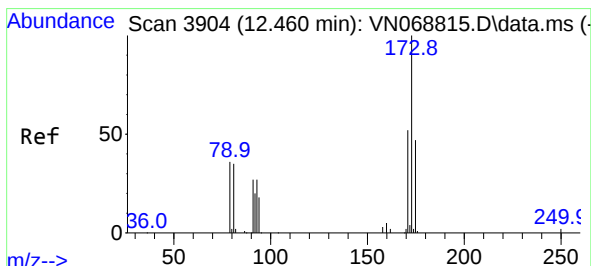
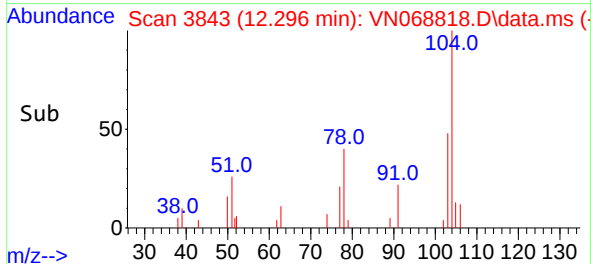
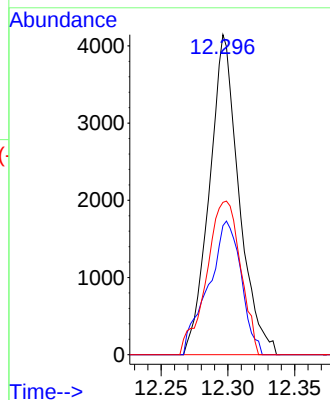
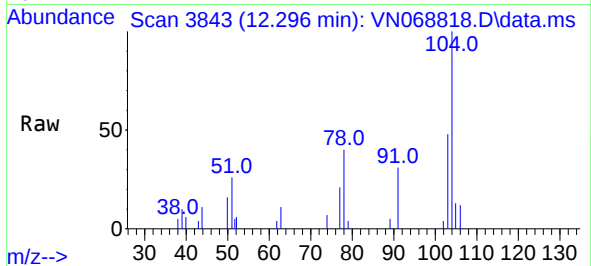




#70
Styrene
Concen: 0.42 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

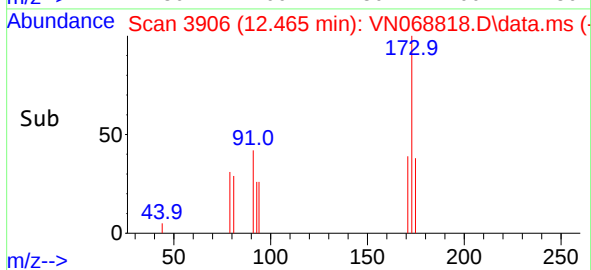
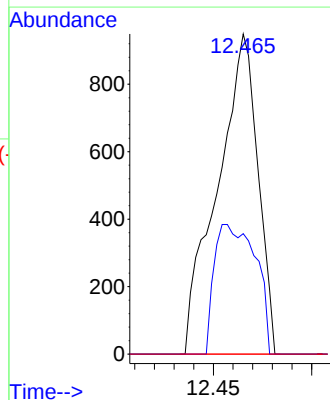
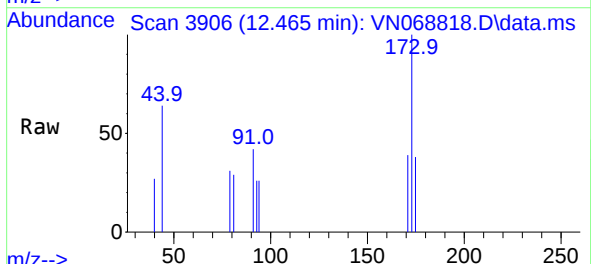
Instrument :
MSVOA_N
ClientSampleId :
IBLK

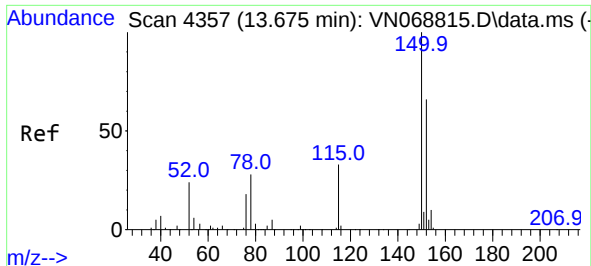
Tgt Ion:104 Resp: 6380
Ion Ratio Lower Upper
104 100
78 46.5 48.2 72.2#
103 55.1 44.5 66.7



#71
Bromoform
Concen: 0.35 ug/l
RT: 12.465 min Scan# 3906
Delta R.T. 0.005 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:173 Resp: 1354
Ion Ratio Lower Upper
173 100
175 41.3 23.9 71.8
254 0.0 0.0 0.0

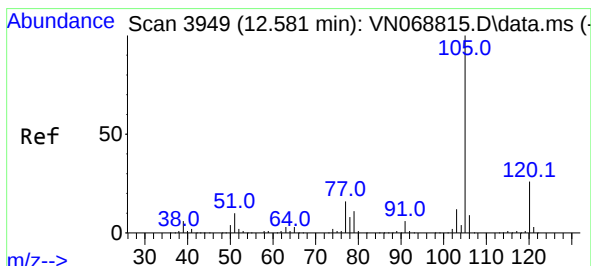
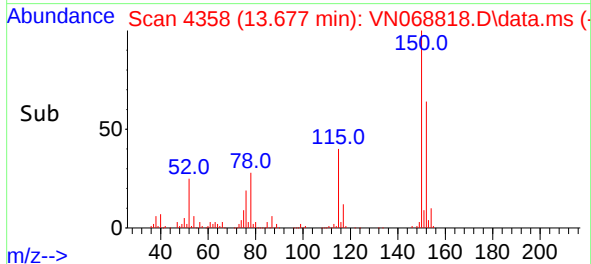
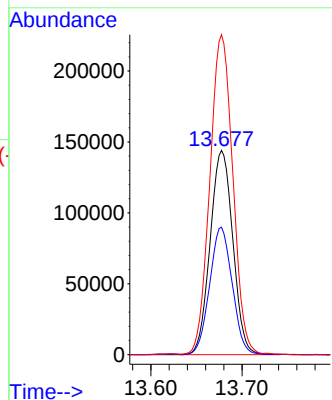
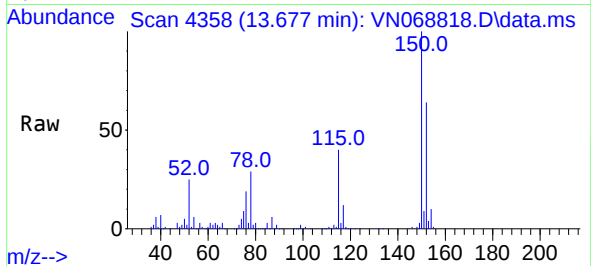




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

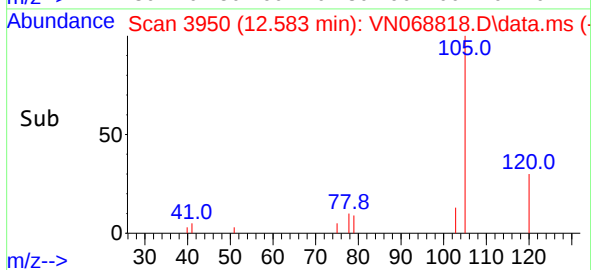
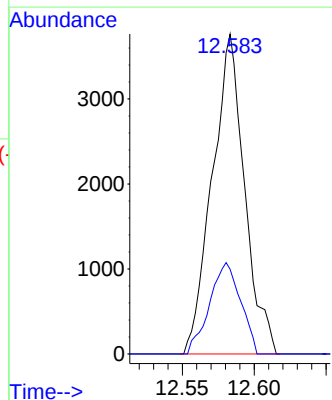
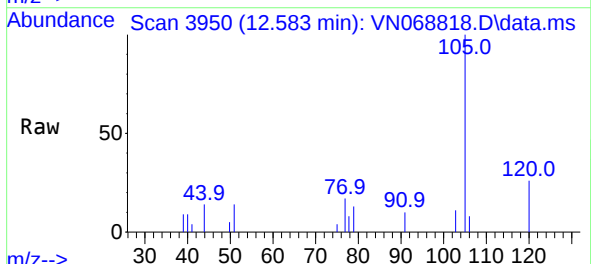
Instrument :
MSVOA_N
ClientSampled :
IBLK

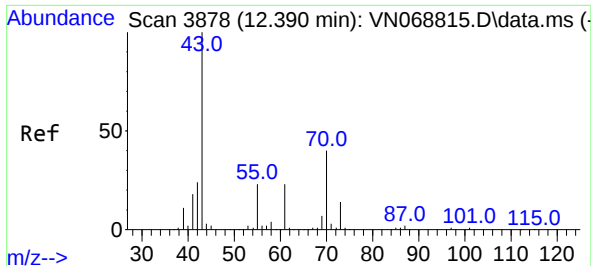
Tgt Ion:152 Resp: 249334
Ion Ratio Lower Upper
152 100
115 62.0 36.1 108.5
150 157.4 0.0 351.8



#73
Isopropylbenzene
Concen: 0.30 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:105 Resp: 5879
Ion Ratio Lower Upper
105 100
120 27.4 12.5 37.5



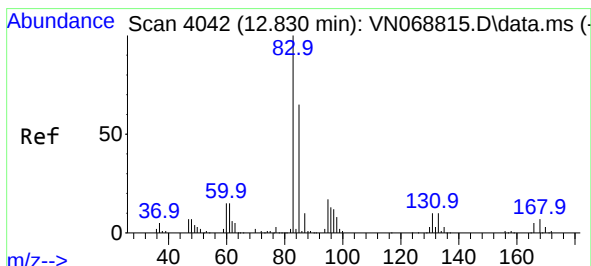
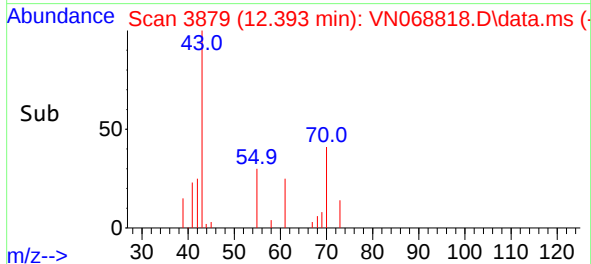
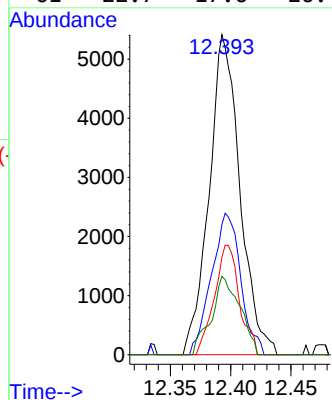
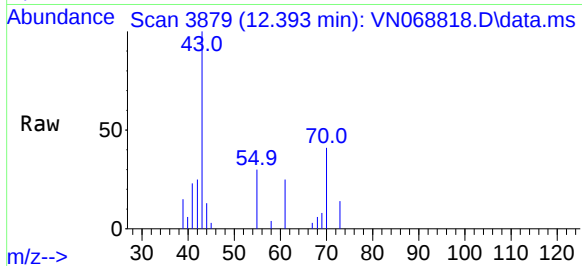


#74
N-amy1 acetate
Concen: 1.44 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 43 Resp: 9622

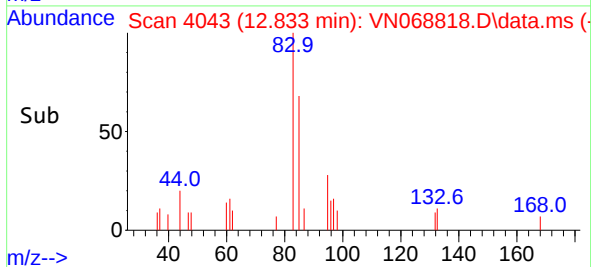
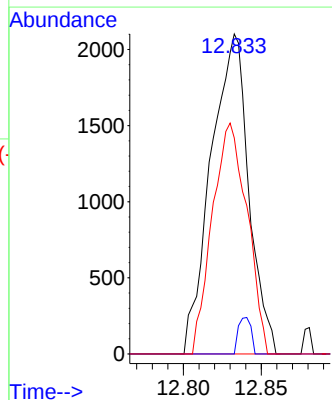
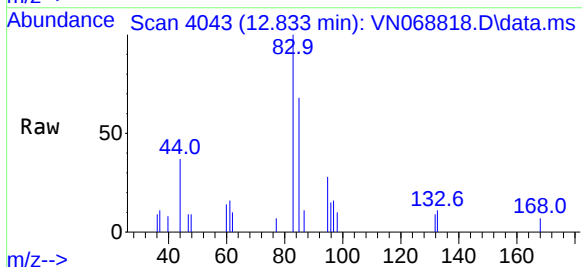
Ion	Ratio	Lower	Upper
43	100		
70	42.0	29.4	44.2
55	27.8	17.0	25.4#
61	22.7	17.6	26.4

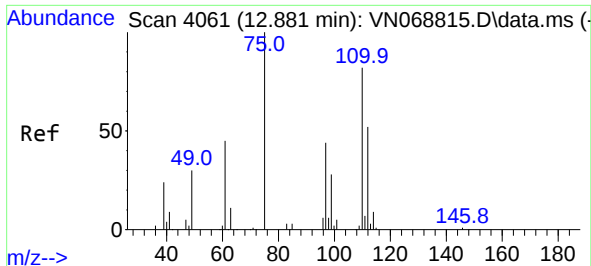


#75
1,1,2,2-Tetrachloroethane
Concen: 0.60 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 83 Resp: 3544

Ion	Ratio	Lower	Upper
83	100		
131	3.8	4.8	14.4#
85	66.5	32.2	96.6

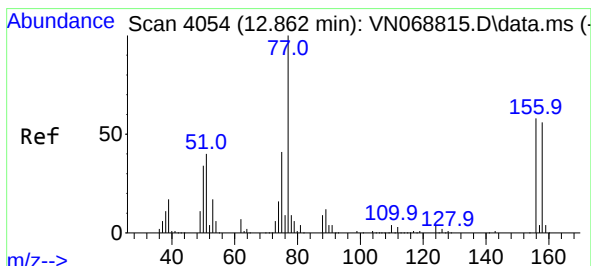
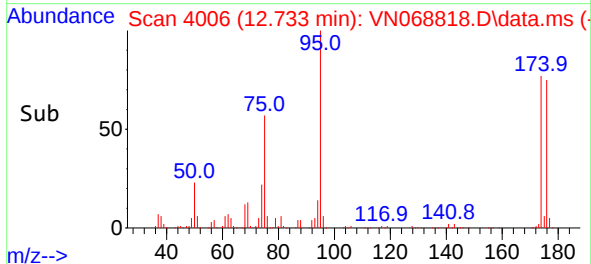
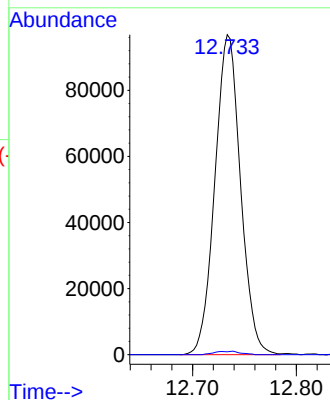
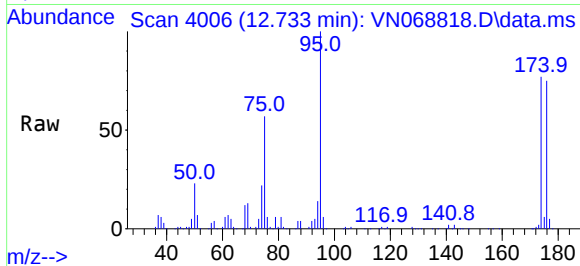




#76
1,2,3-Trichloropropane
Concen: 33.78 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

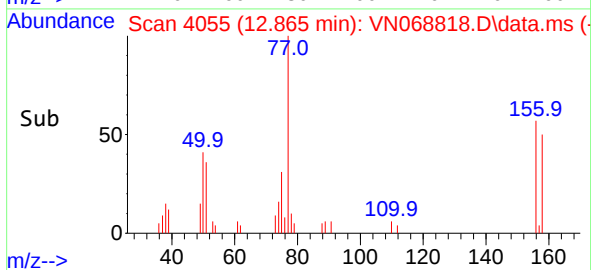
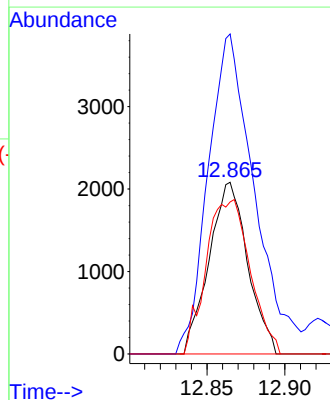
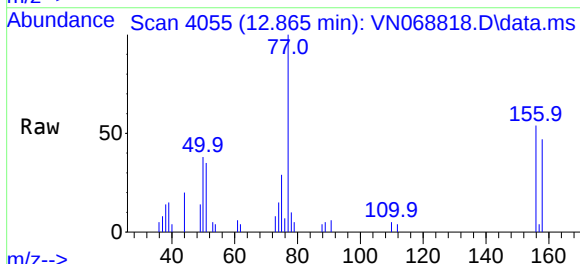
Instrument :
MSVOA_N
ClientSampled :
IBLK

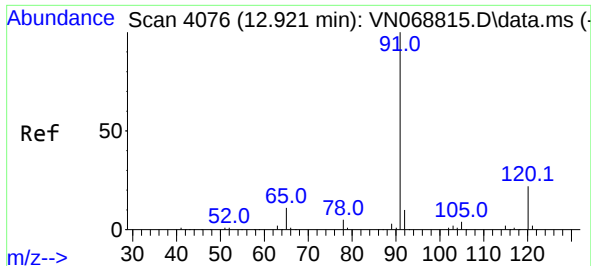
Tgt Ion: 75 Resp: 166038
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#77
Bromobenzene
Concen: 0.80 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:156 Resp: 3586
Ion Ratio Lower Upper
156 100
77 221.9 136.2 408.6
158 102.4 48.4 145.3

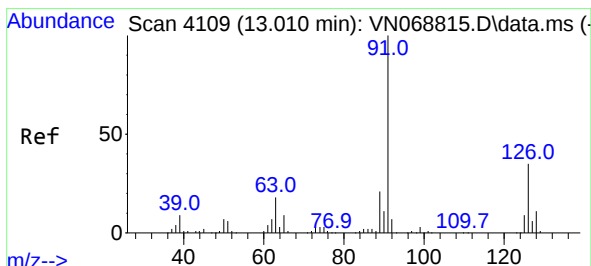
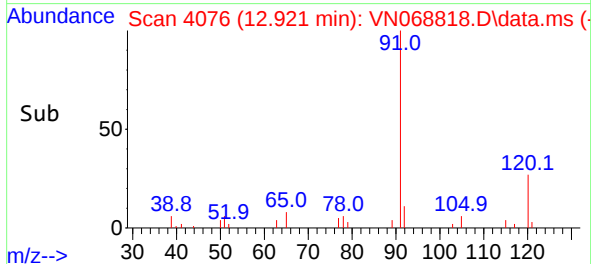
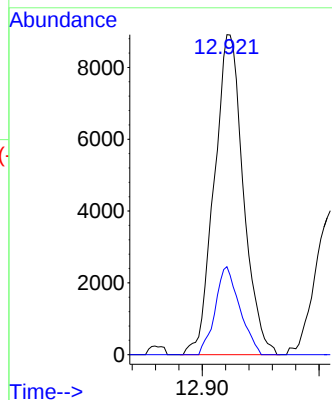
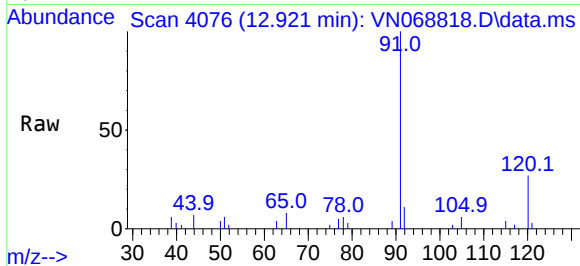




#78
n-propylbenzene
Concen: 0.69 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

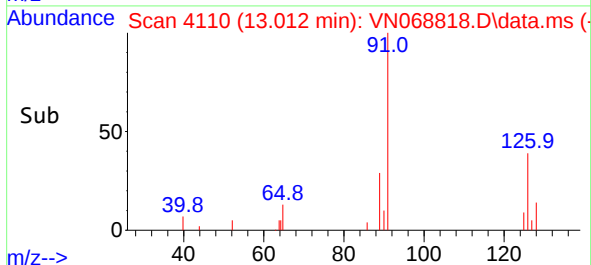
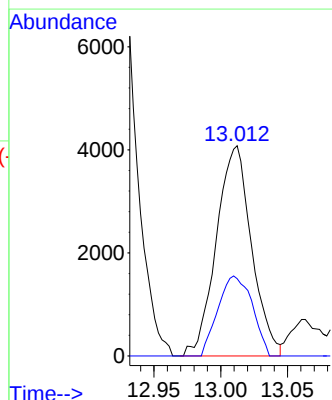
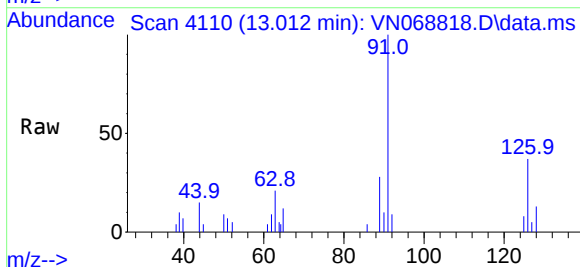
Instrument :
MSVOA_N
ClientSampled :
IBLK

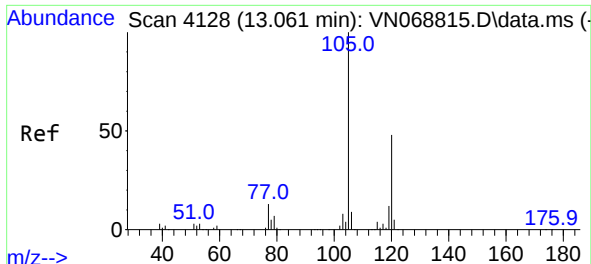
Tgt Ion: 91 Resp: 15427
Ion Ratio Lower Upper
91 100
120 23.1 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.56 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 91 Resp: 7478
Ion Ratio Lower Upper
91 100
126 37.0 14.5 43.5

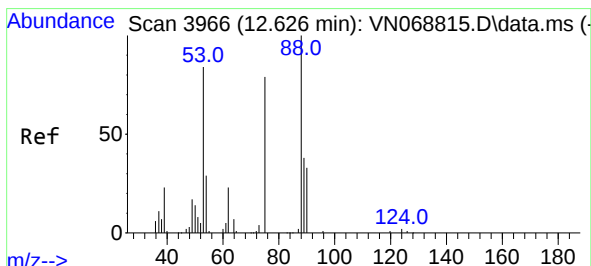
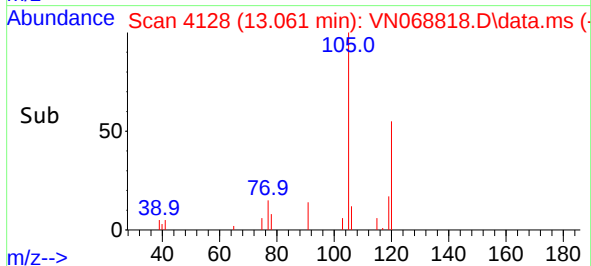
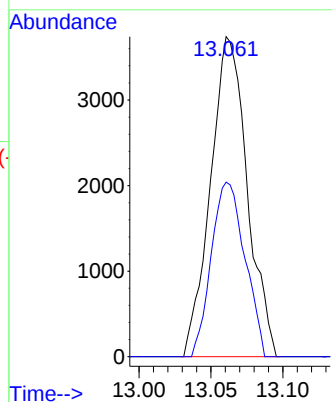
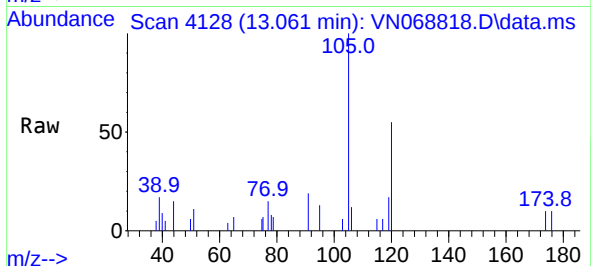




#80
1,3,5-Trimethylbenzene
Concen: 0.41 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

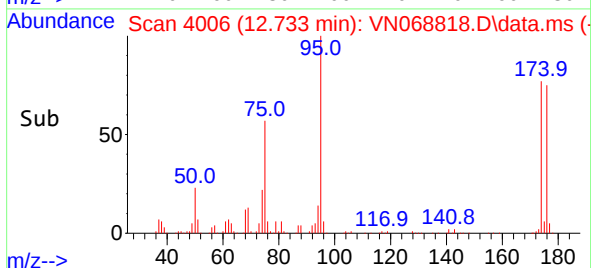
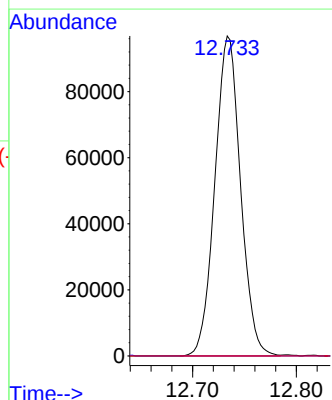
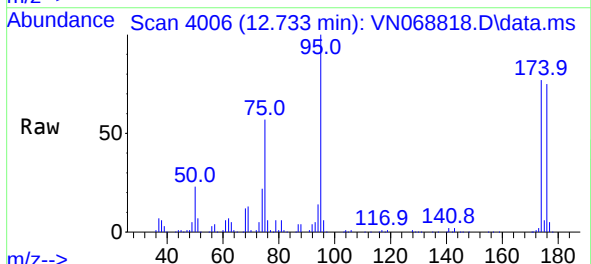
Instrument :
MSVOA_N
ClientSampleId :
IBLK

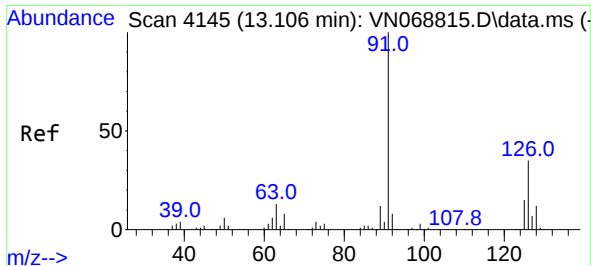
Tgt Ion:105 Resp: 6638
Ion Ratio Lower Upper
105 100
120 49.8 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 97.87 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 75 Resp: 166038
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

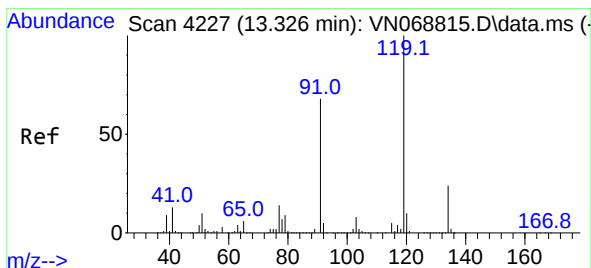
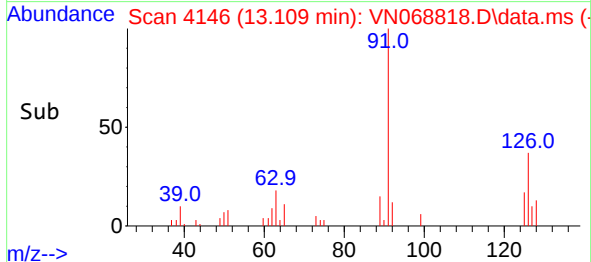
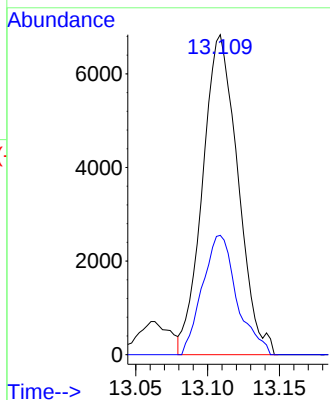
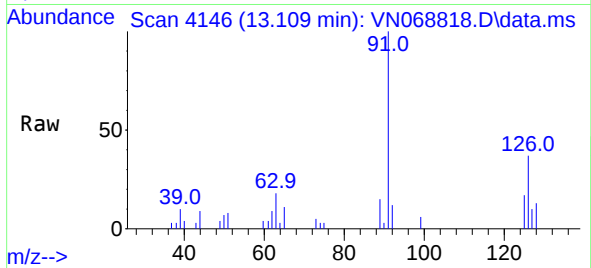




#82
4-Chlorotoluene
Concen: 0.88 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

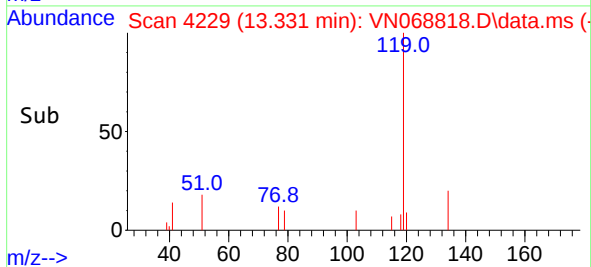
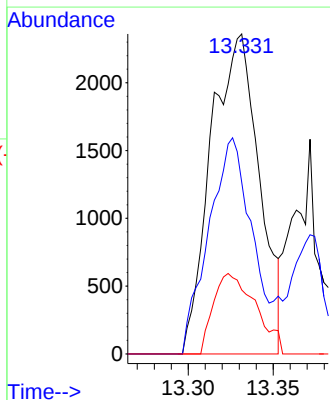
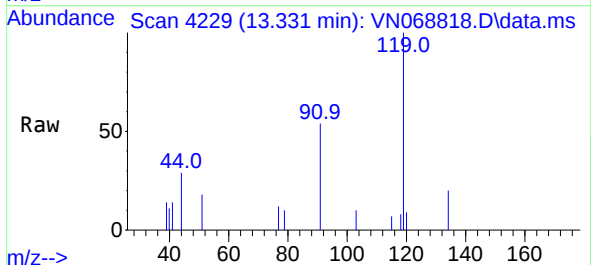
Instrument :
MSVOA_N
ClientSampled :
IBLK

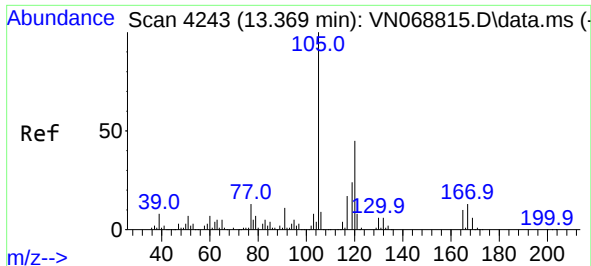
Tgt Ion: 91 Resp: 11648
Ion Ratio Lower Upper
91 100
126 36.5 14.8 44.4



#83
tert-Butylbenzene
Concen: 0.32 ug/l
RT: 13.331 min Scan# 4229
Delta R.T. 0.005 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 119 Resp: 4675
Ion Ratio Lower Upper
119 100
91 60.9 39.5 118.5
134 21.9 12.0 36.0

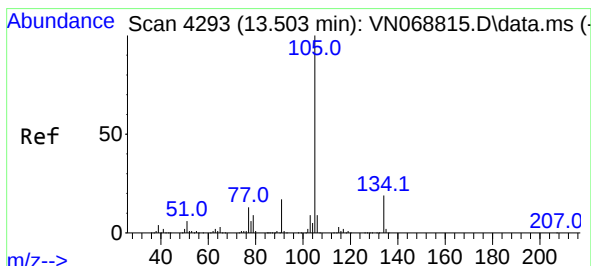
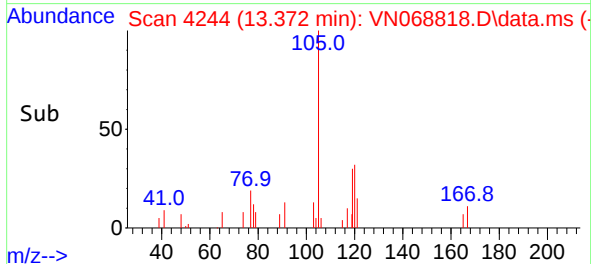
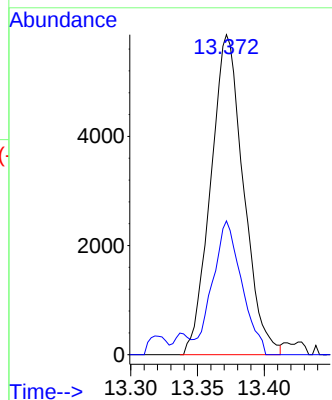
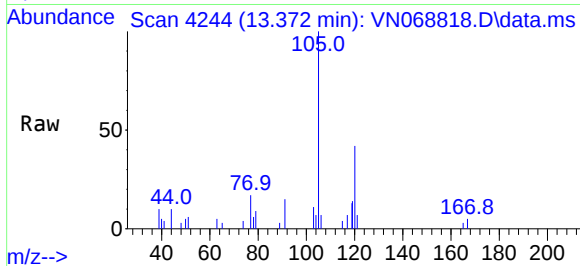




#84
1,2,4-Trimethylbenzene
Concen: 0.63 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

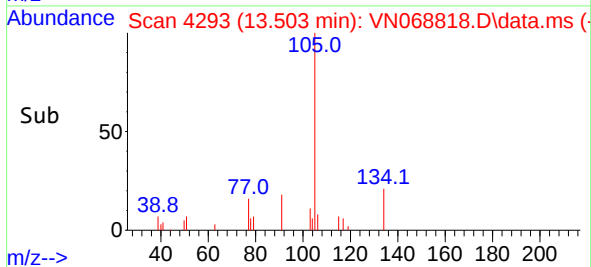
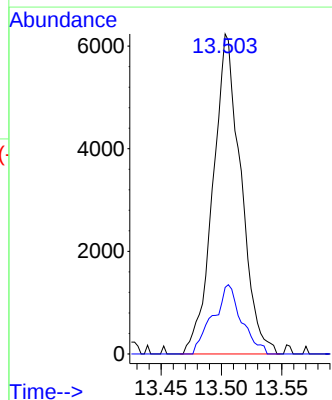
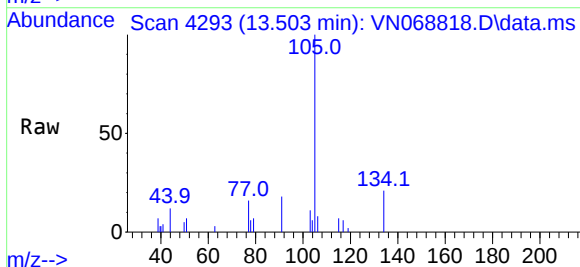
Instrument :
MSVOA_N
ClientSampled :
IBLK

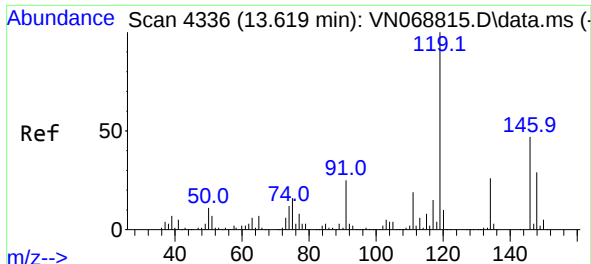
Tgt Ion:105 Resp: 10003
Ion Ratio Lower Upper
105 100
120 37.0 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.49 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:105 Resp: 10051
Ion Ratio Lower Upper
105 100
134 22.1 9.0 27.1



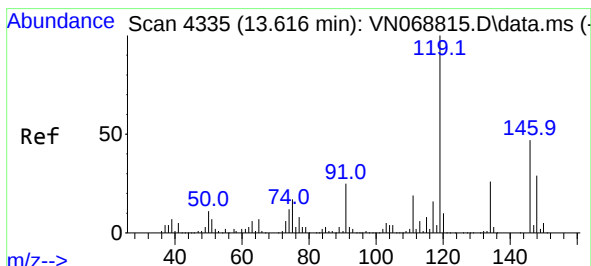
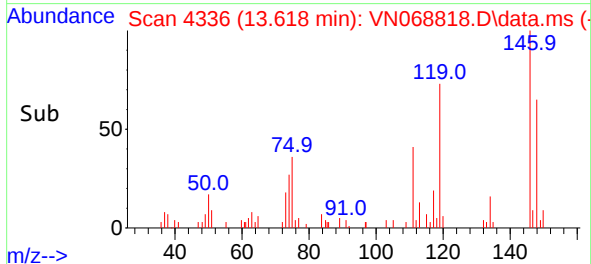
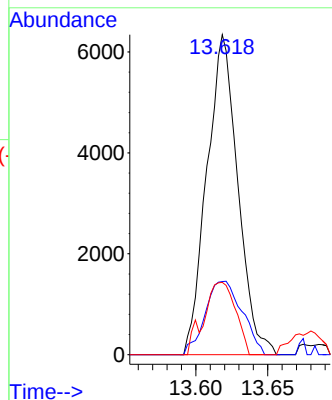
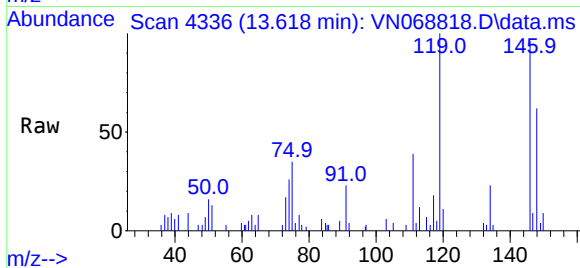


#86
p-Isopropyltoluene
Concen: 0.57 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:119 Resp: 9503

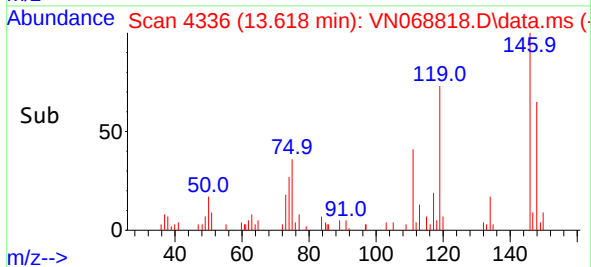
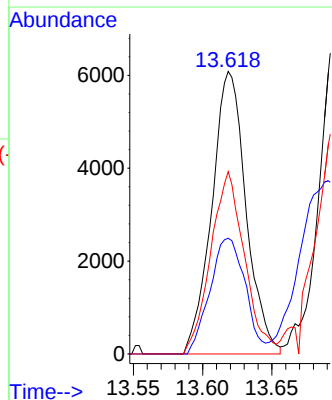
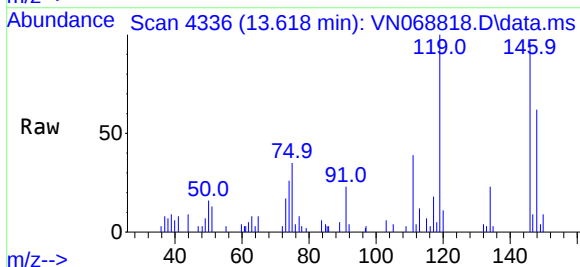
Ion	Ratio	Lower	Upper
119	100		
134	27.4	12.4	37.4
91	23.0	14.8	44.3

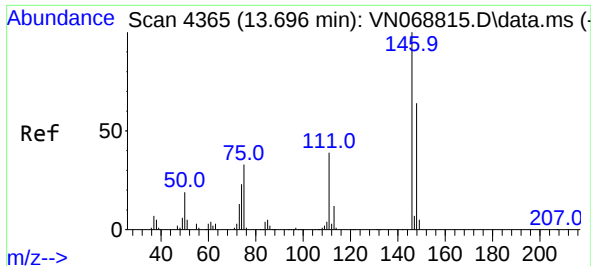


#87
1,3-Dichlorobenzene
Concen: 1.24 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:146 Resp: 10461

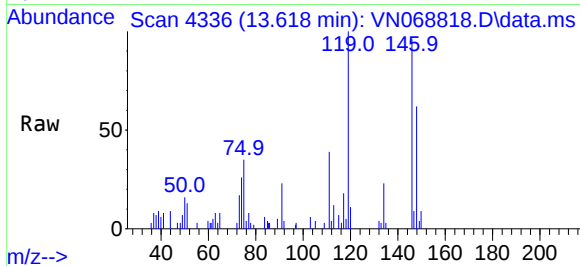
Ion	Ratio	Lower	Upper
146	100		
111	42.2	24.3	72.8
148	63.6	32.0	96.0



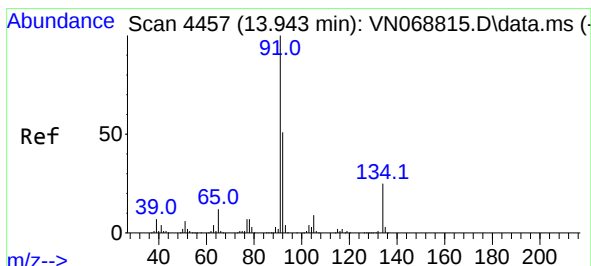
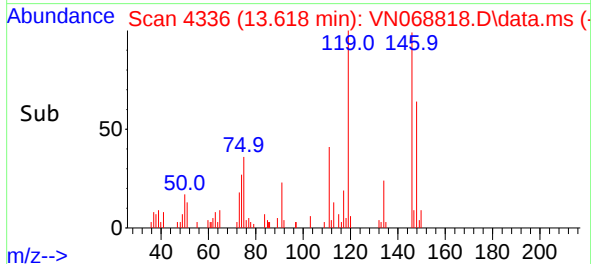
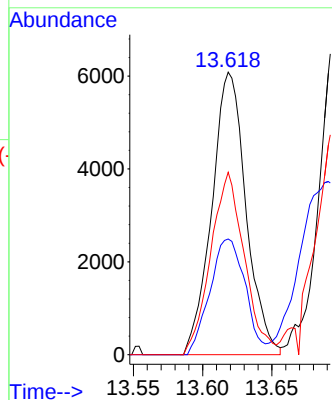


#88
1,4-Dichlorobenzene
Concen: 1.26 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.078 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Instrument :
MSVOA_N
ClientSampled :
IBLK

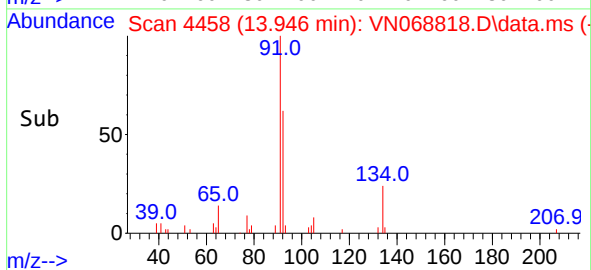
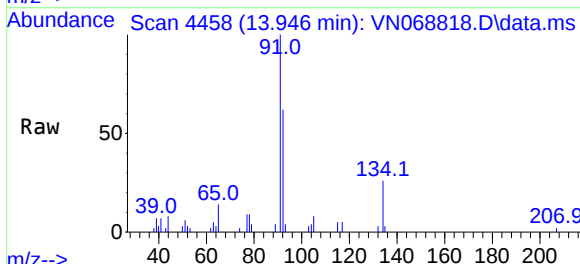
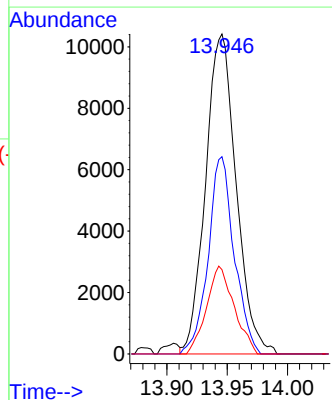


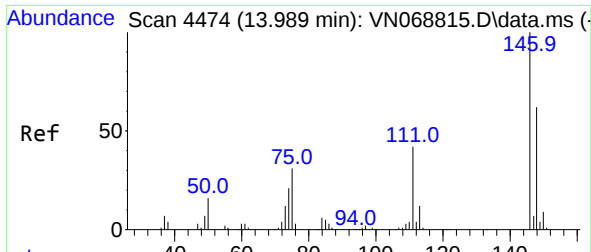
Tgt Ion:146 Resp: 10461
Ion Ratio Lower Upper
146 100
111 42.2 23.4 70.2
148 63.6 31.8 95.3



#89
n-Butylbenzene
Concen: 1.31 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 91 Resp: 18365
Ion Ratio Lower Upper
91 100
92 52.5 25.7 77.1
134 24.7 11.2 33.6

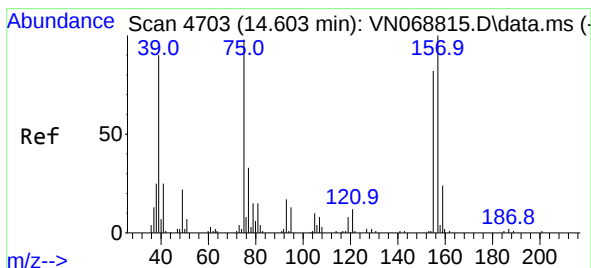
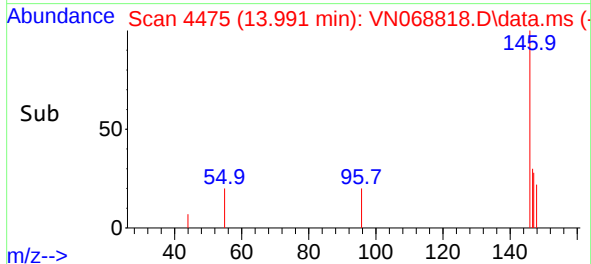
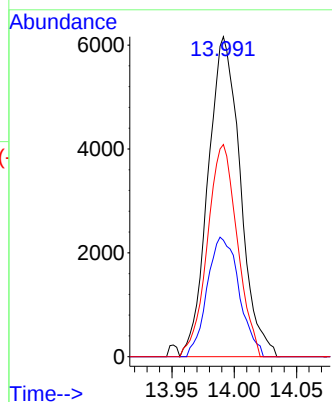
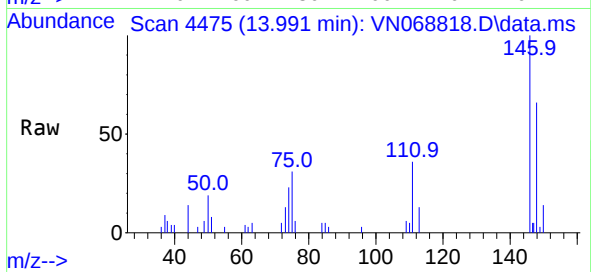




#91
1,2-Dichlorobenzene
Concen: 1.37 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

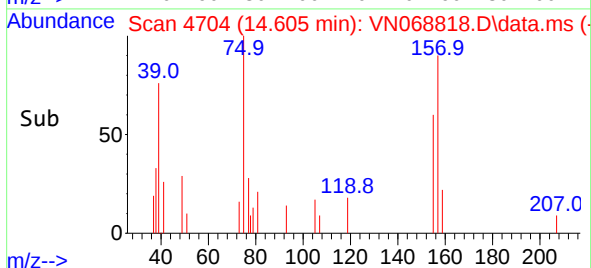
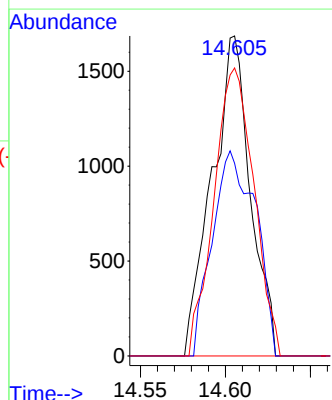
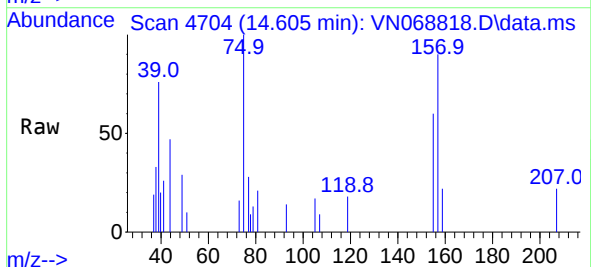
Instrument :
MSVOA_N
ClientSampled :
IBLK

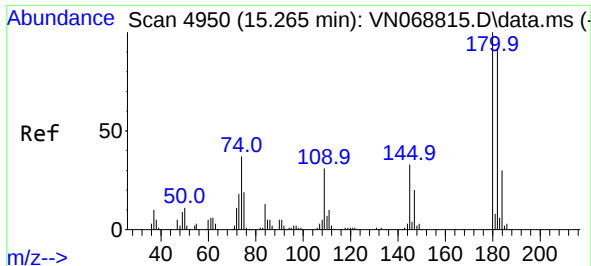
Tgt Ion:146 Resp: 11071
Ion Ratio Lower Upper
146 100
111 37.1 24.9 74.6
148 61.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.61 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion: 75 Resp: 2647
Ion Ratio Lower Upper
75 100
155 72.6 29.8 89.5
157 93.7 37.6 112.8

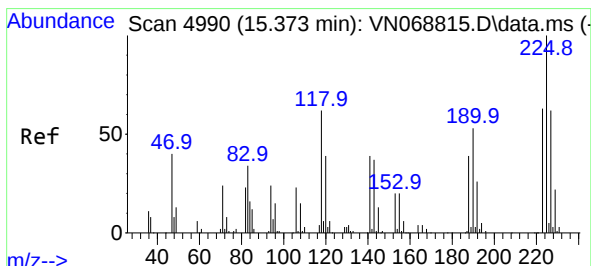
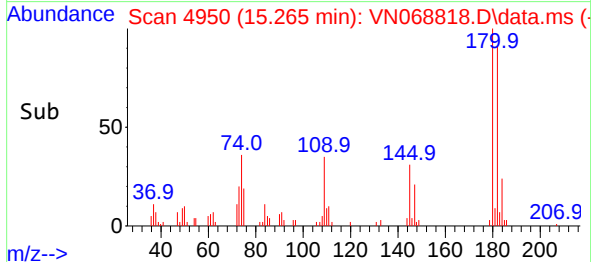
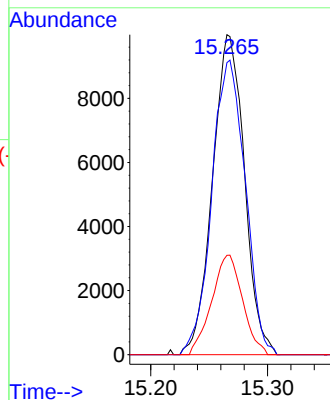
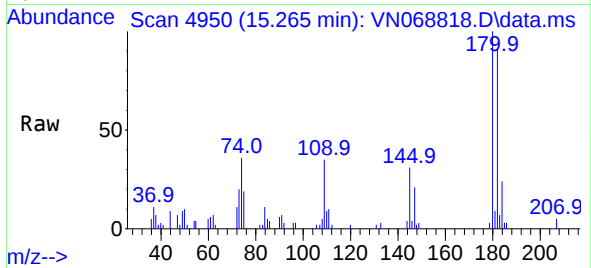




#93
1,2,4-Trichlorobenzene
Concen: 5.11 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

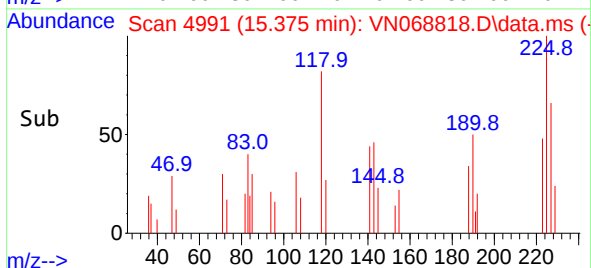
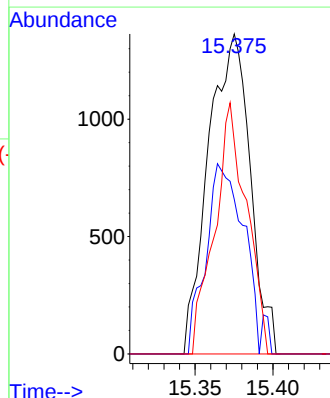
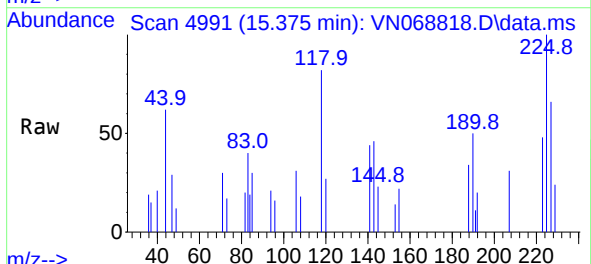
Instrument :
MSVOA_N
ClientSampled :
IBLK

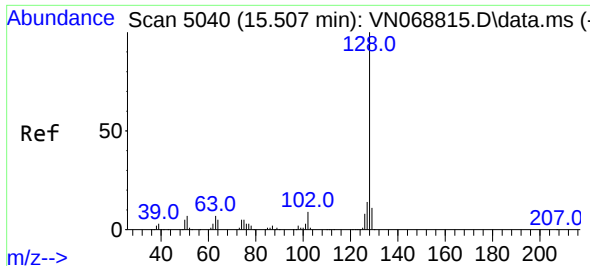
Tgt Ion:180 Resp: 18941
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 30.1 17.2 51.6



#94
Hexachlorobutadiene
Concen: 1.28 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:225 Resp: 2537
Ion Ratio Lower Upper
225 100
223 53.3 31.4 94.0
227 60.1 31.2 93.6

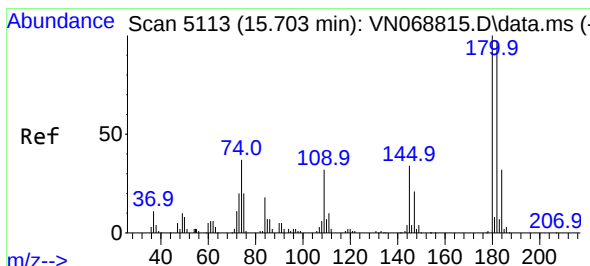
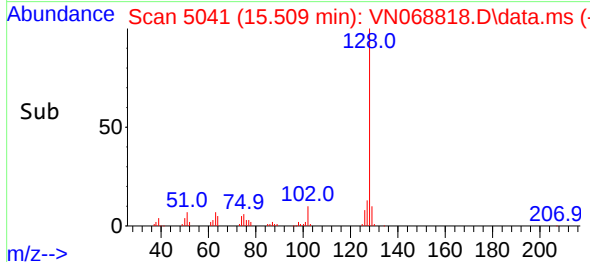
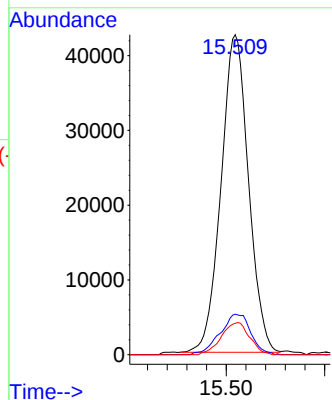
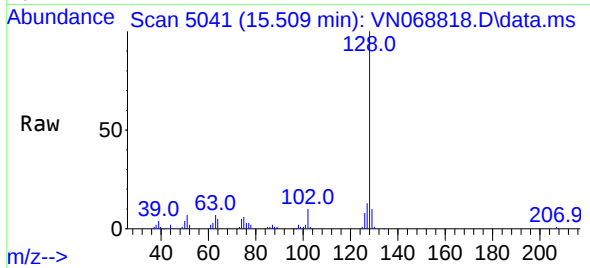




#95
Naphthalene
Concen: 8.32 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:	128	Resp:	82350
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	15.8
129	10.4	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 6.95 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.001 min
Lab File: VN068818.D
Acq: 6 Oct 2021 14:32

Tgt Ion:	180	Resp:	24188
Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.8	143.3
145	34.1	18.2	54.6

