

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070445.D
 Acq On : 3 Jan 2022 18:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 04 01:36:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1065167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2047652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2421225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	987176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	788770	51.503	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.000%	
35) Dibromofluoromethane	8.021	113	586742	47.359	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.720%	
50) Toluene-d8	10.440	98	2704573	53.438	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.880%	
62) 4-Bromofluorobenzene	12.731	95	1195144	65.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 130.760%	

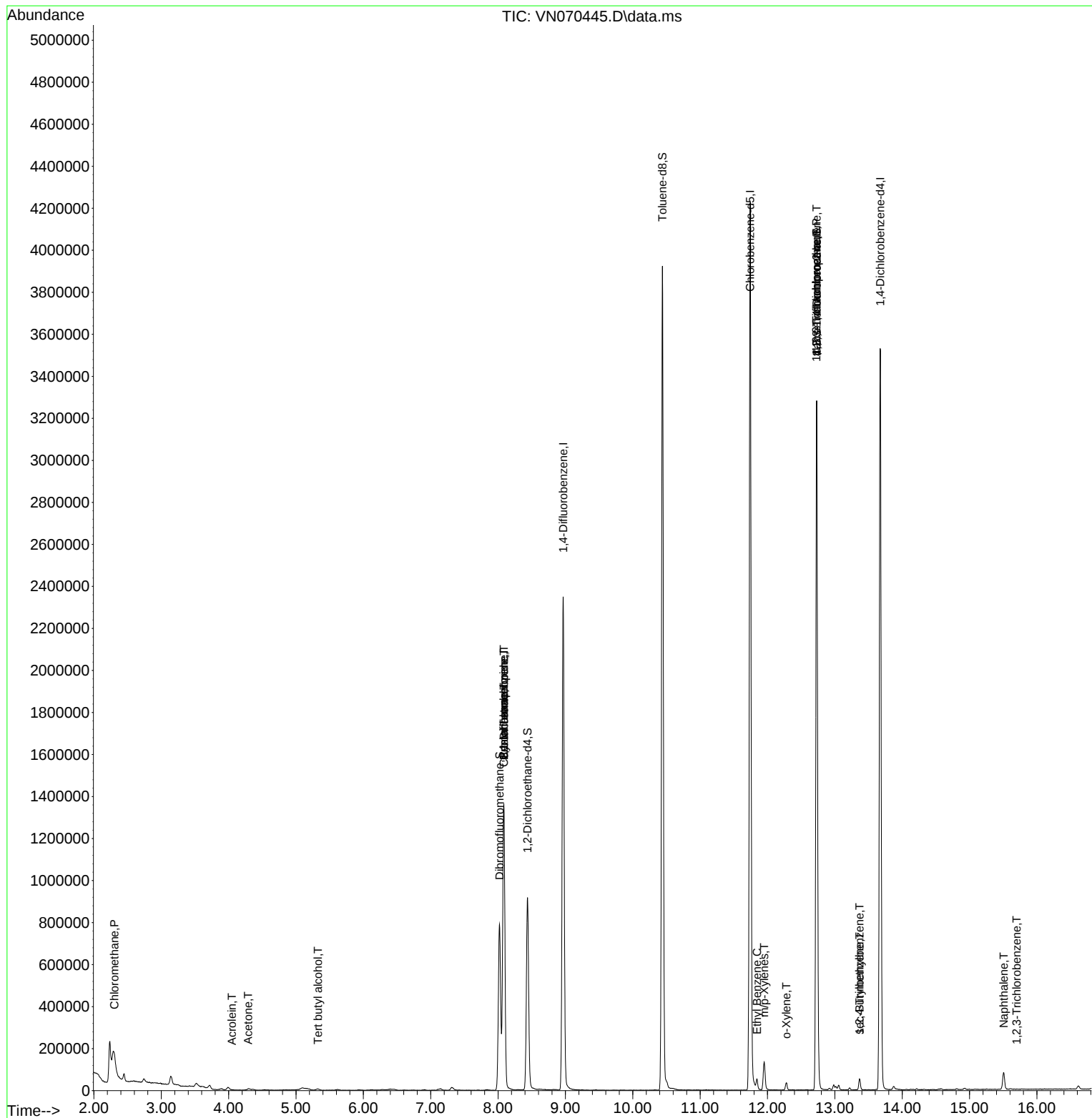
Target Compounds			Qvalue			
3) Chloromethane	2.303	50	5579	0.340	ug/l #	70
11) Tert butyl alcohol	5.326	59	4970	1.949	ug/l #	71
13) Acrolein	4.047	56	706	0.341	ug/l #	14
16) Acetone	4.291	43	7283	0.733	ug/l	90
31) Cyclohexane	8.086	56	24591	1.018	ug/l #	9
36) 1,1-Dichloropropene	8.086	75	86578	4.224	ug/l #	49
38) Carbon Tetrachloride	8.088	117	103874	5.308	ug/l #	17
67) Ethyl Benzene	11.843	91	33761	0.359	ug/l	99
68) m/p-Xylenes	11.950	106	43475	1.269	ug/l	94
69) o-Xylene	12.280	106	10223	0.300	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.728	83	767	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	627305	23.025	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	627305	77.638	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.367	105	30509	0.431	ug/l	98
85) sec-Butylbenzene	13.367	105	30509	0.347	ug/l #	56
95) Naphthalene	15.507	128	81587	3.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	181	0.838	ug/l #	60

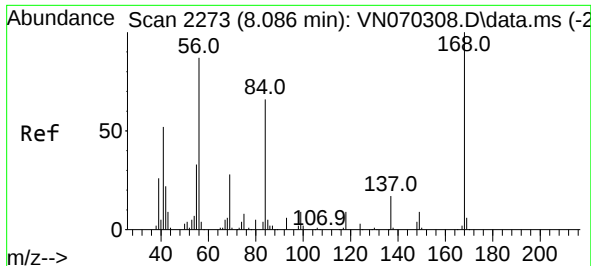
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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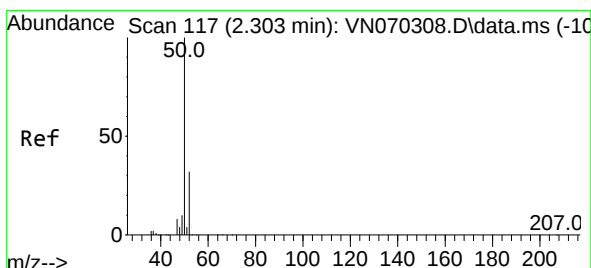
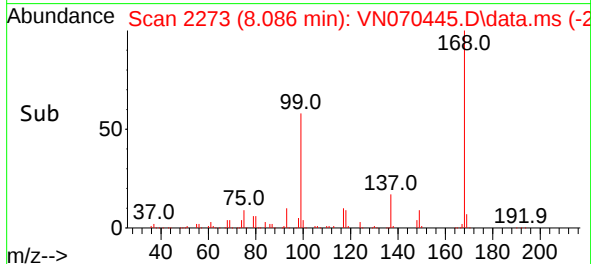
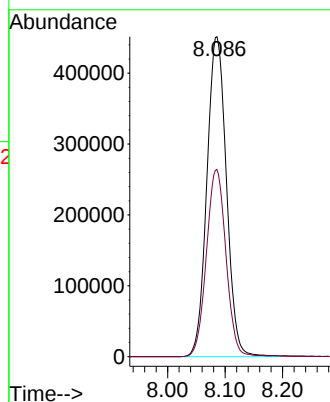
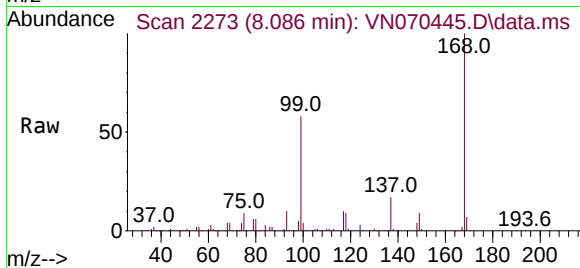




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

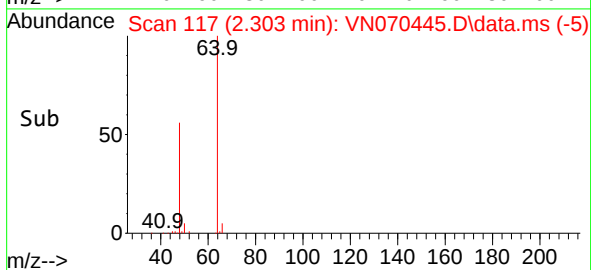
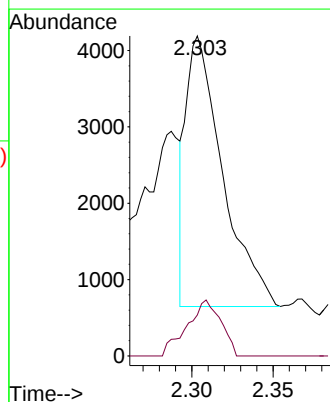
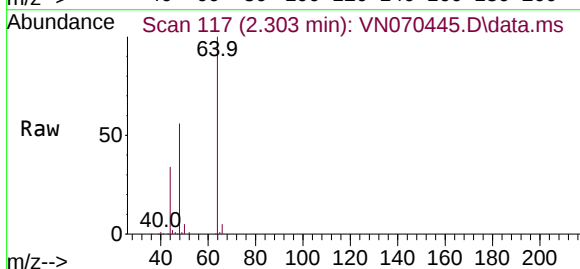
Instrument :
MSVOA_N
ClientSampleId :
IBLK

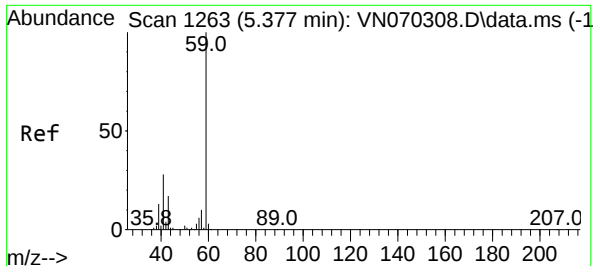
Tgt Ion:168 Resp: 1065167
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#3
Chloromethane
Concen: 0.340 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 50 Resp: 5579
Ion Ratio Lower Upper
50 100
52 15.2 25.4 38.0#





#11

Tert butyl alcohol

Concen: 1.949 ug/l

RT: 5.326 min Scan# 11

Delta R.T. -0.051 min

Lab File: VN070445.D

Acq: 3 Jan 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

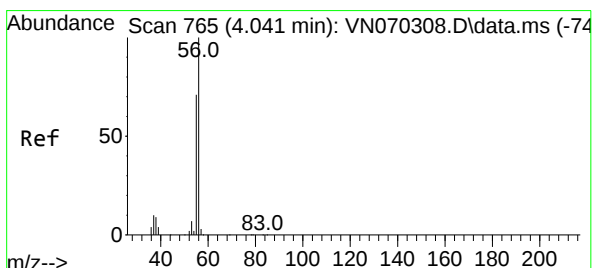
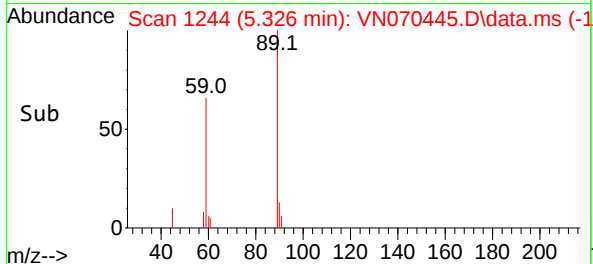
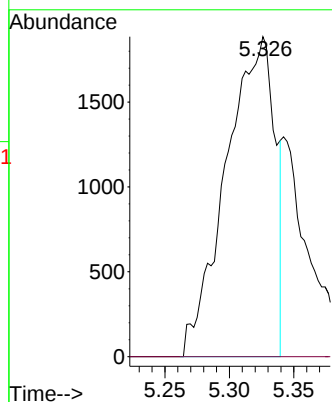
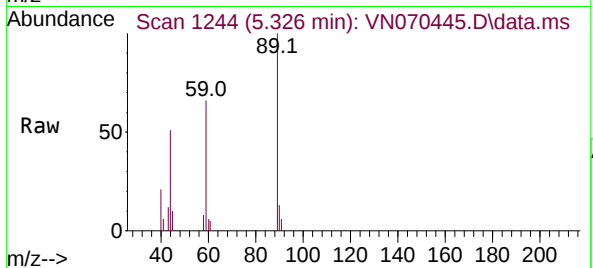
IBLK

Tgt Ion: 59 Resp: 4970

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.341 ug/l

RT: 4.047 min Scan# 767

Delta R.T. 0.006 min

Lab File: VN070445.D

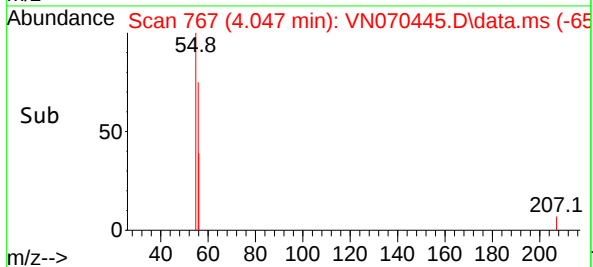
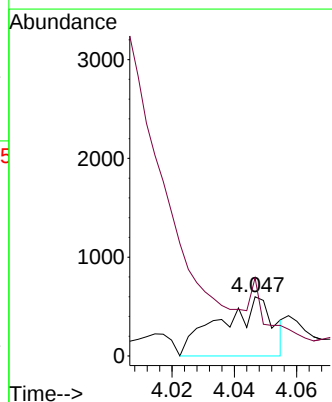
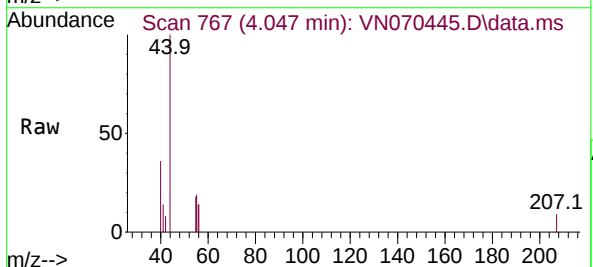
Acq: 3 Jan 2022 18:33

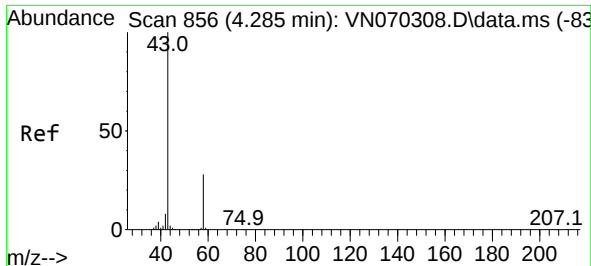
Tgt Ion: 56 Resp: 706

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#

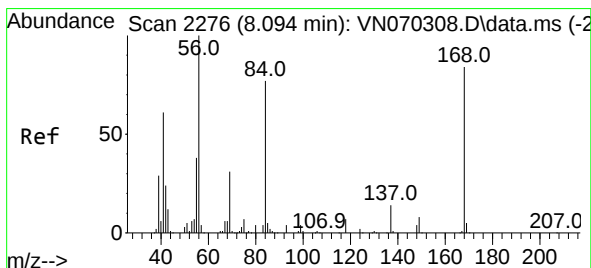
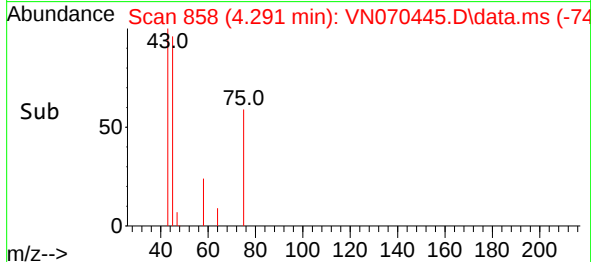
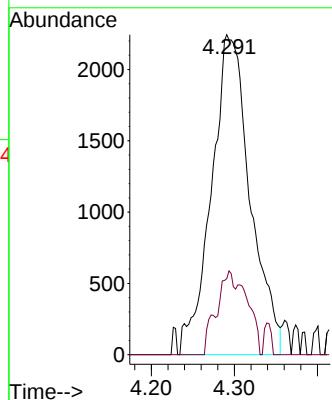
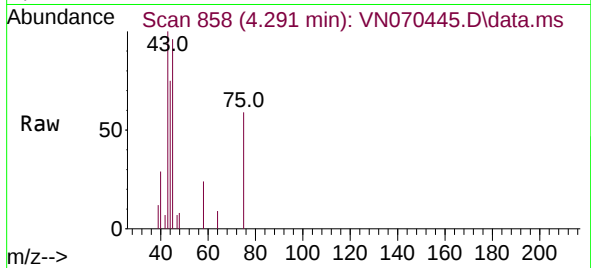




#16
Acetone
Concen: 0.733 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

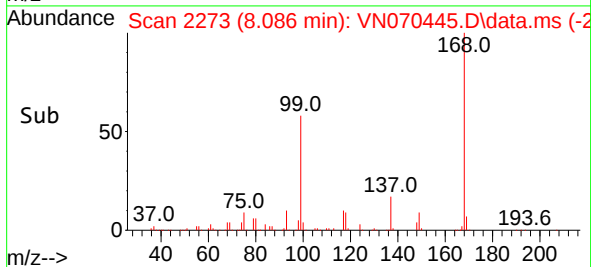
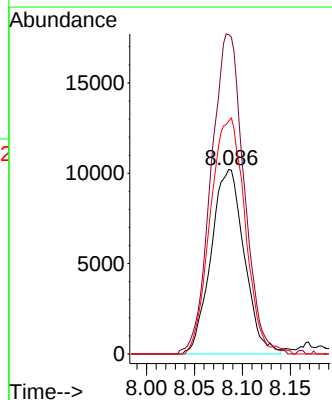
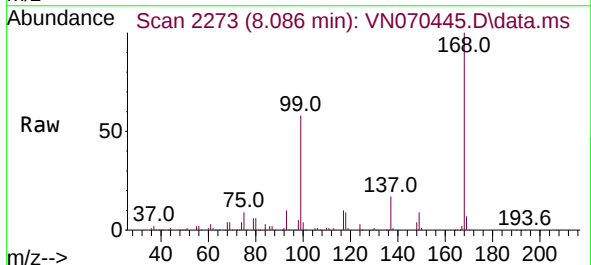
Instrument :
MSVOA_N
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IBLK

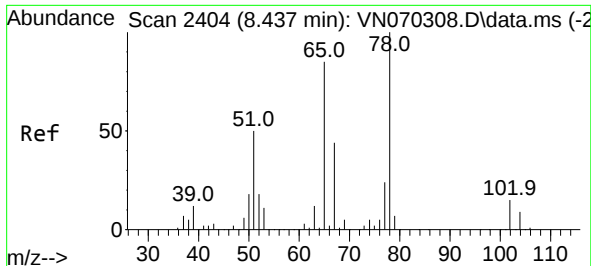
Tgt Ion: 43 Resp: 7283
Ion Ratio Lower Upper
43 100
58 23.8 23.1 34.7



#31
Cyclohexane
Concen: 1.018 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 56 Resp: 24591
Ion Ratio Lower Upper
56 100
69 171.2 27.1 40.7#
84 126.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.503 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070445.D

Acq: 3 Jan 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

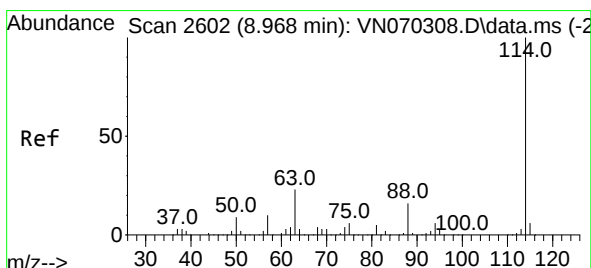
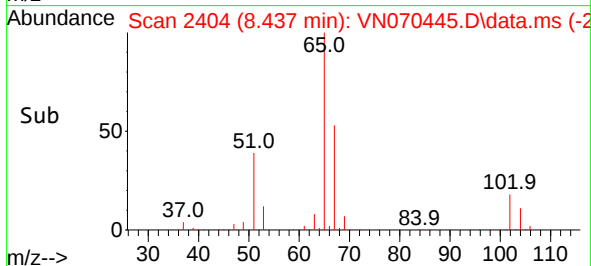
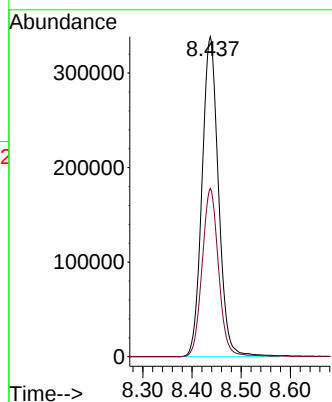
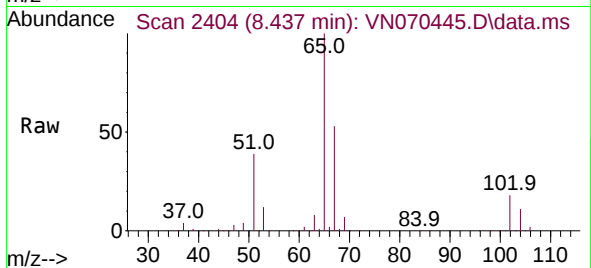
IBLK

Tgt Ion: 65 Resp: 788770

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070445.D

Acq: 3 Jan 2022 18:33

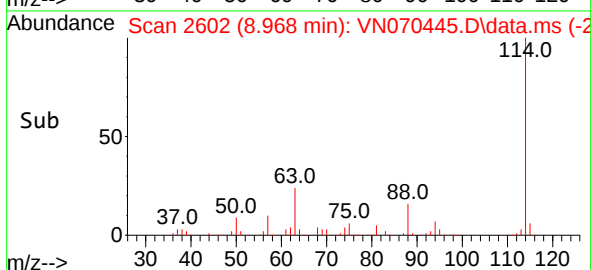
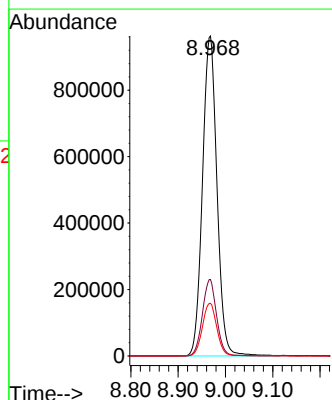
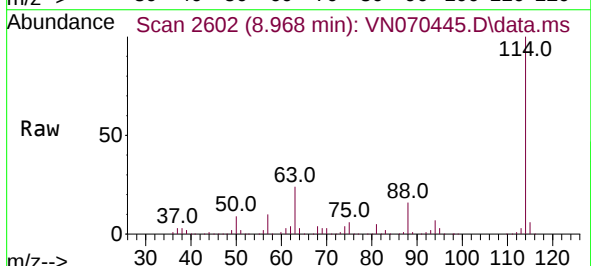
Tgt Ion: 114 Resp: 2047652

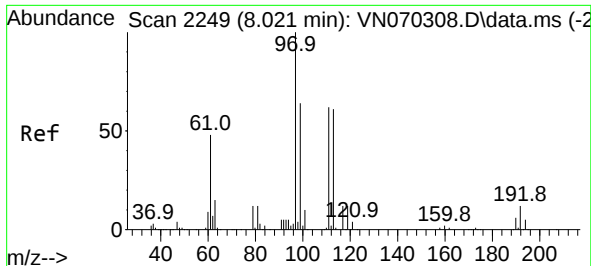
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.5 0.0 27.4

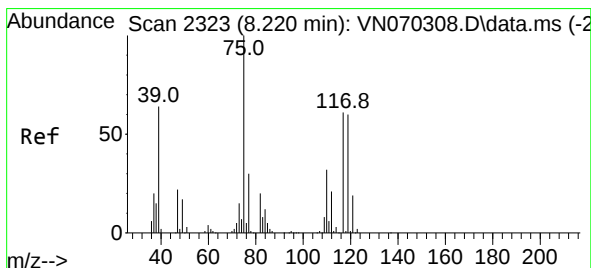
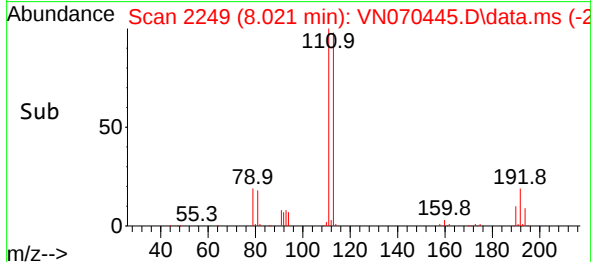
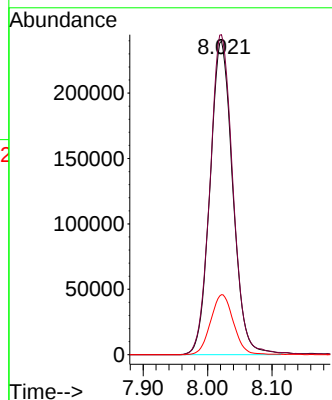
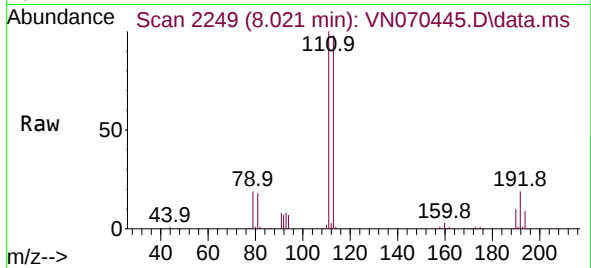




#35
Dibromofluoromethane
Concen: 47.359 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

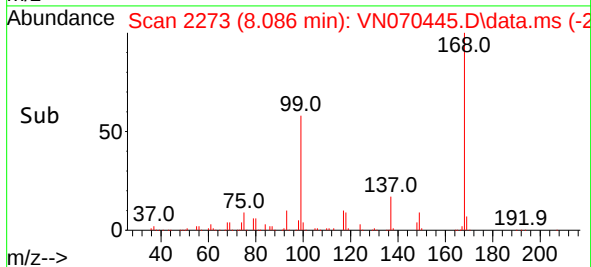
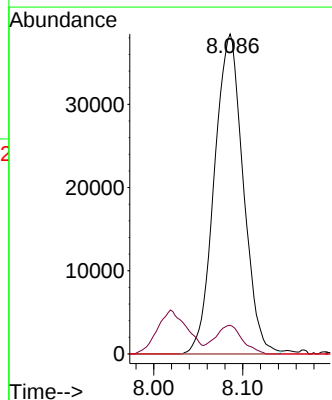
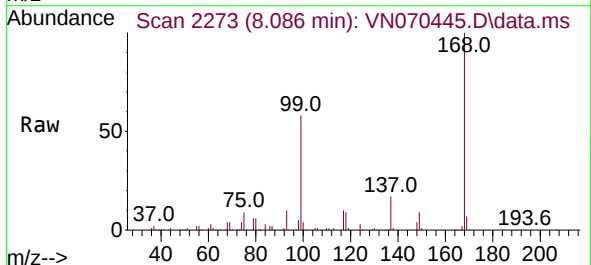
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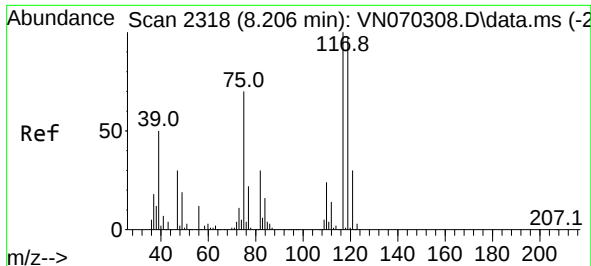
Tgt Ion:113 Resp: 586742
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.224 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 75 Resp: 86578
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#

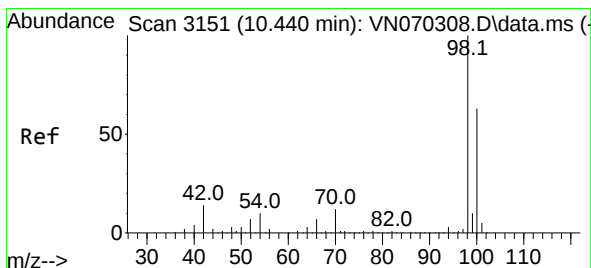
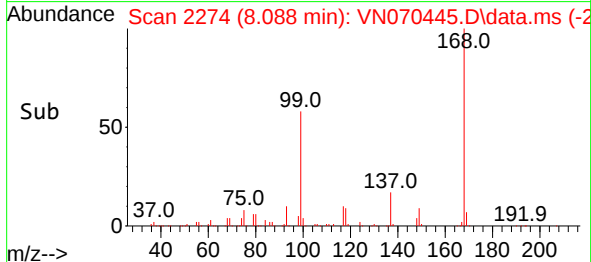
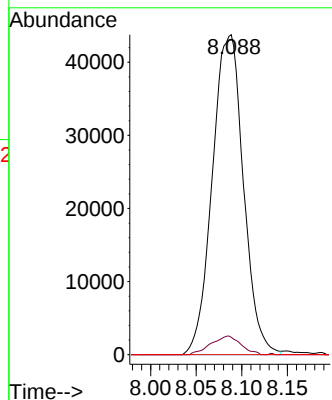
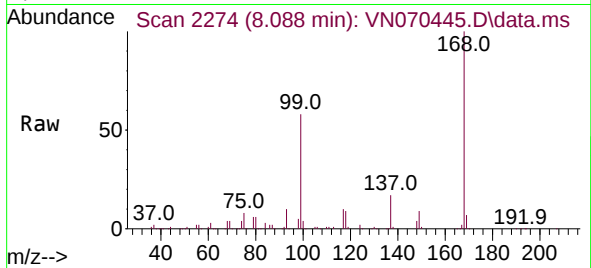




#38
Carbon Tetrachloride
Concen: 5.308 ug/l
RT: 8.088 min Scan# 211
Delta R.T. -0.118 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

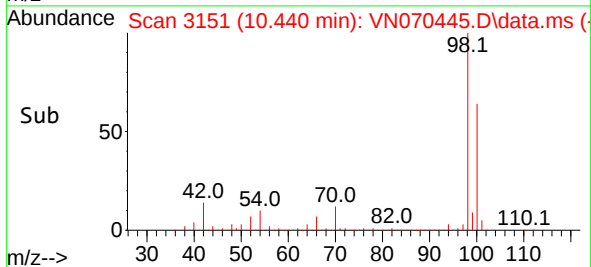
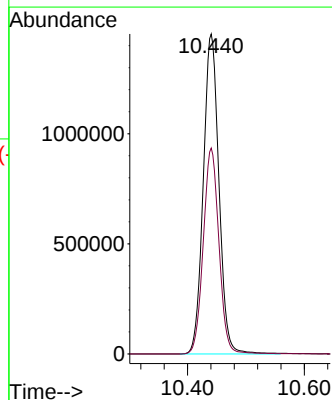
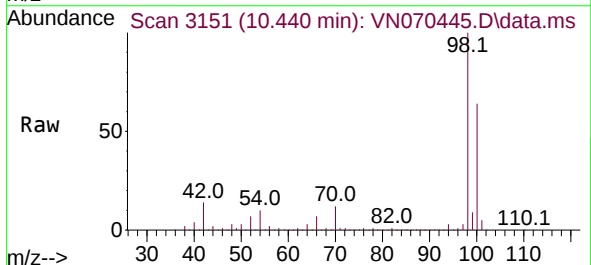
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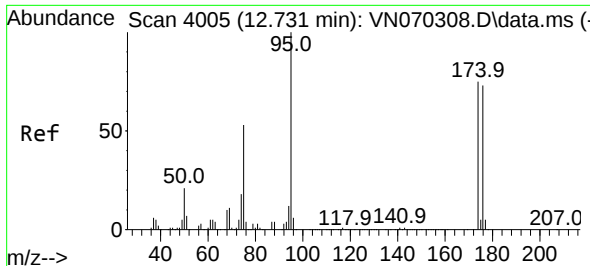
Tgt Ion:117 Resp: 103874
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.438 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 98 Resp: 2704573
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

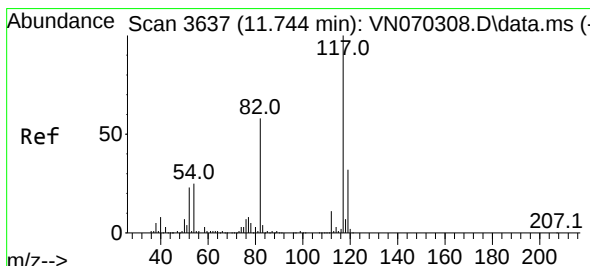
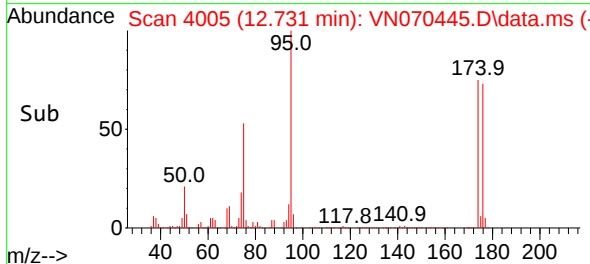
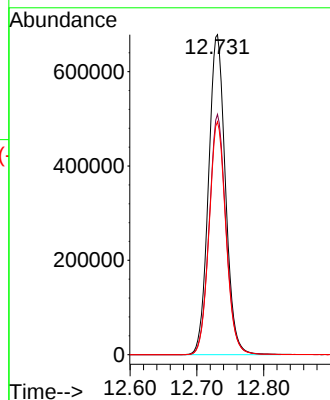
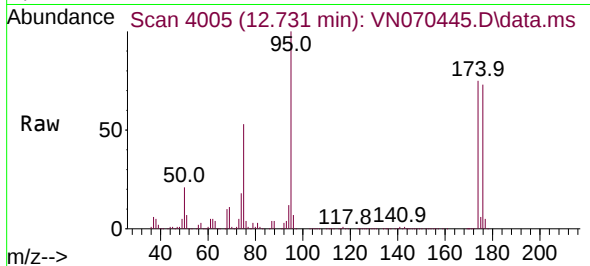




#62
4-Bromofluorobenzene
Concen: 65.380 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

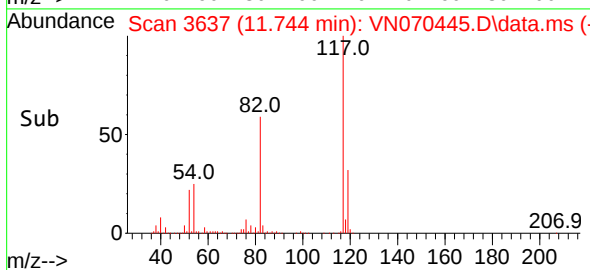
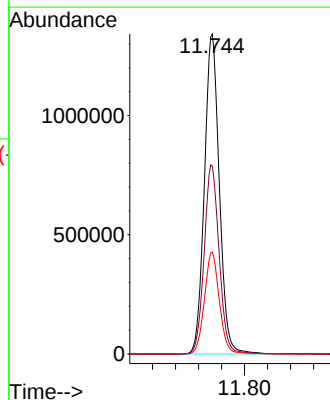
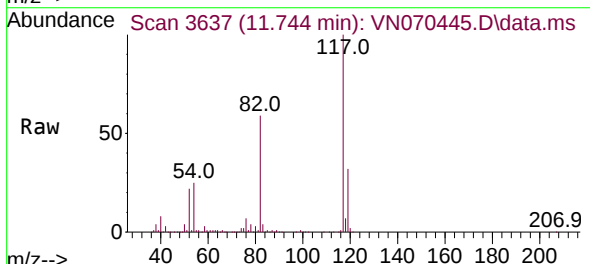
Instrument :
MSVOA_N
ClientSampleId :
IBLK

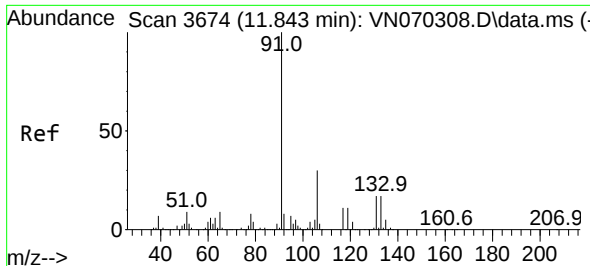
Tgt Ion: 95 Resp: 1195144
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 117 Resp: 2421225
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.9 25.4 38.2

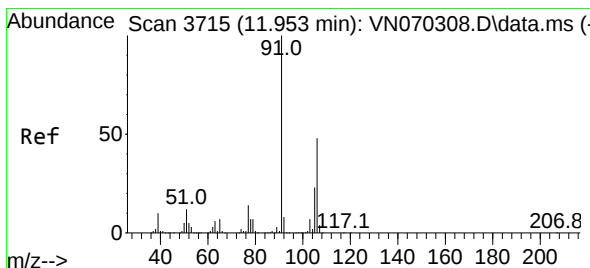
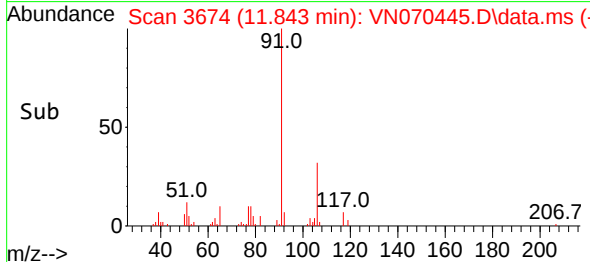
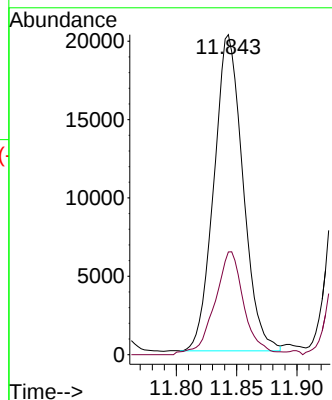
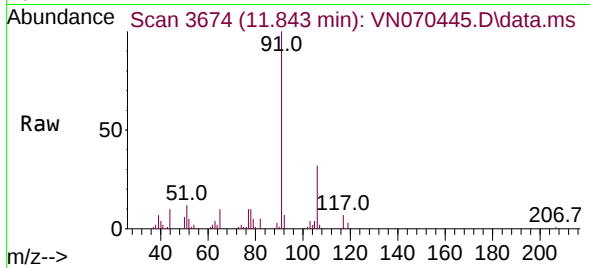




#67
Ethyl Benzene
Concen: 0.359 ug/l
RT: 11.843 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

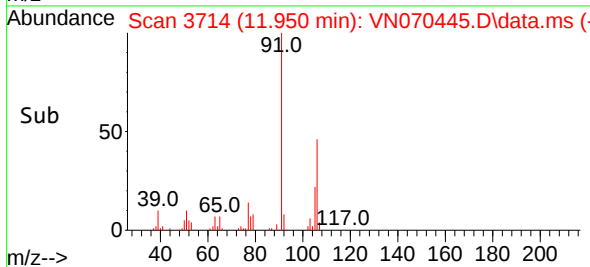
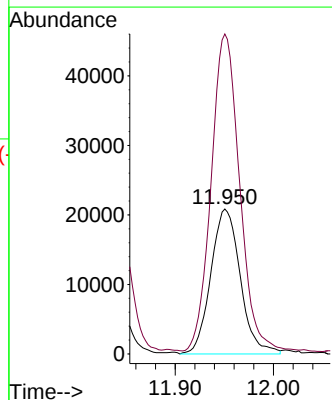
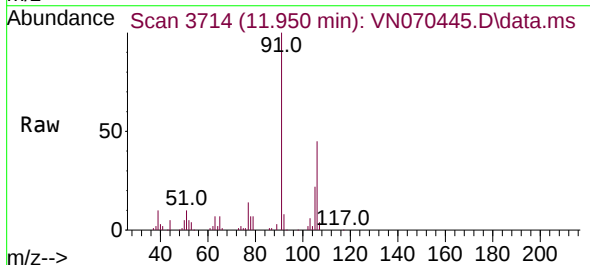
Instrument :
MSVOA_N
ClientSampleId :
IBLK

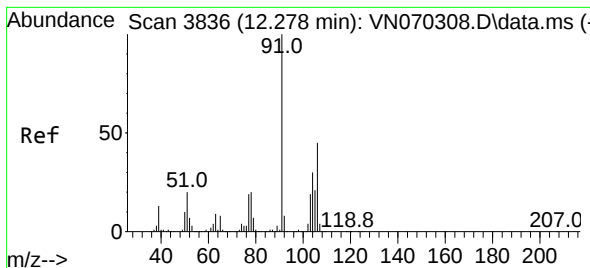
Tgt Ion: 91 Resp: 33761
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 1.269 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 106 Resp: 43475
Ion Ratio Lower Upper
106 100
91 210.2 160.6 240.8





#69

o-Xylene

Concen: 0.300 ug/l

RT: 12.280 min Scan# 3837

Delta R.T. 0.002 min

Lab File: VN070445.D

Acq: 3 Jan 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

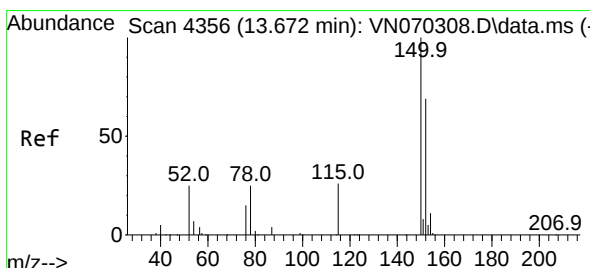
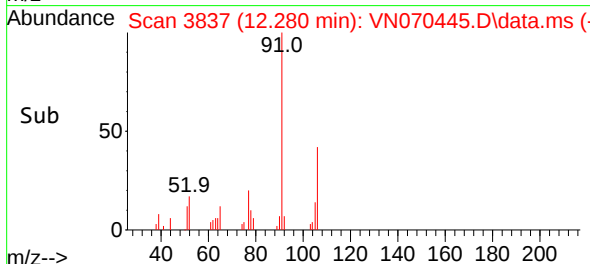
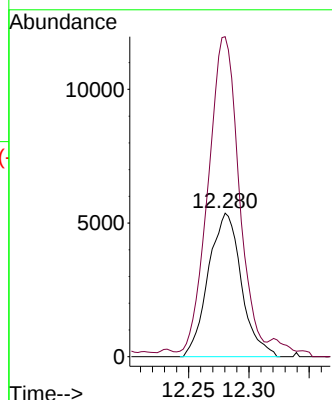
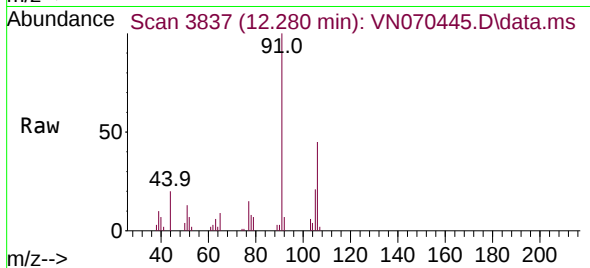
IBLK

Tgt Ion:106 Resp: 10223

Ion Ratio Lower Upper

106 100

91 202.9 105.8 317.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070445.D

Acq: 3 Jan 2022 18:33

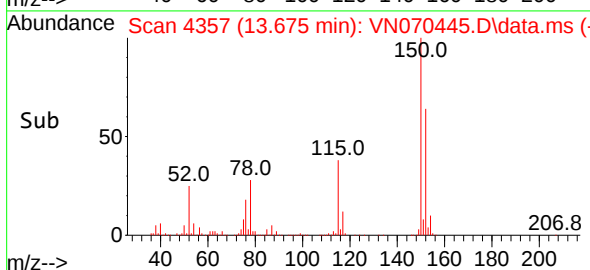
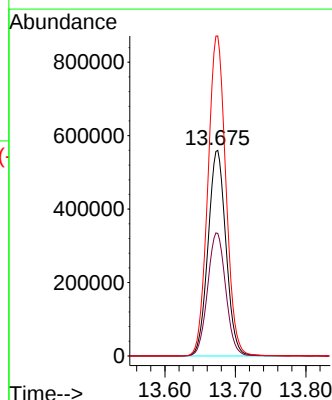
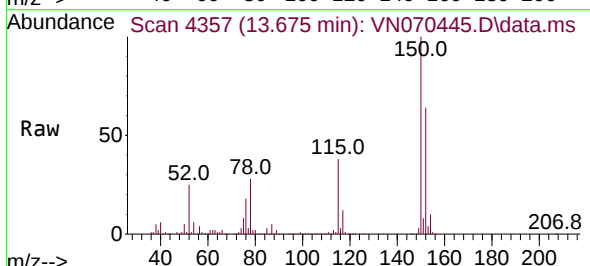
Tgt Ion:152 Resp: 987176

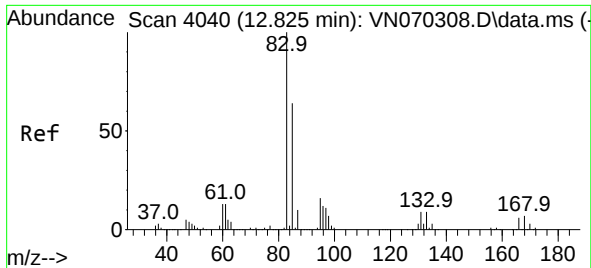
Ion Ratio Lower Upper

152 100

115 60.7 27.5 82.5

150 156.6 0.0 344.4

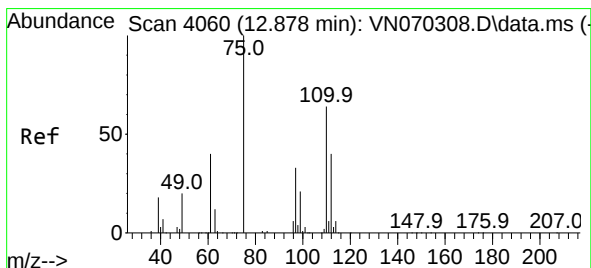
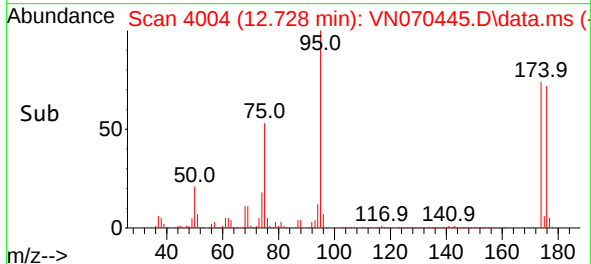
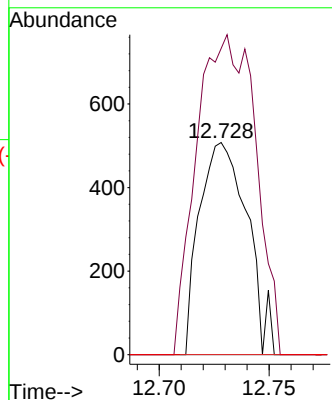
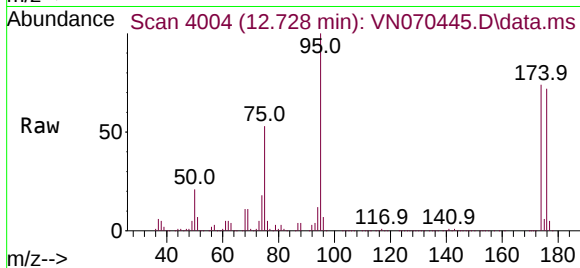




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.470 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.097 min
 Lab File: VN070445.D
 Acq: 3 Jan 2022 18:33

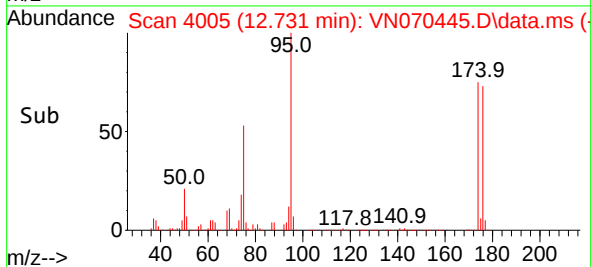
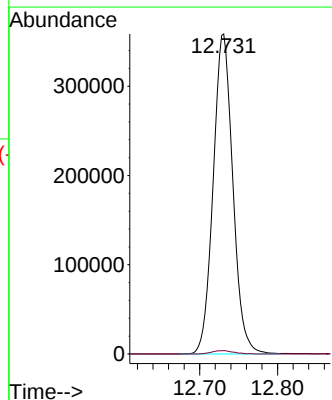
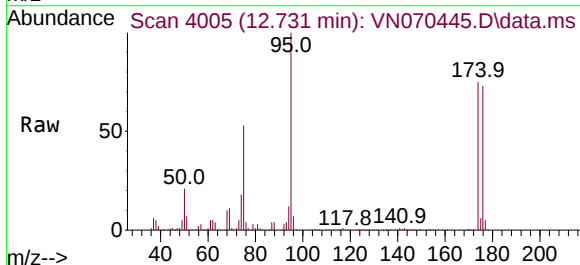
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

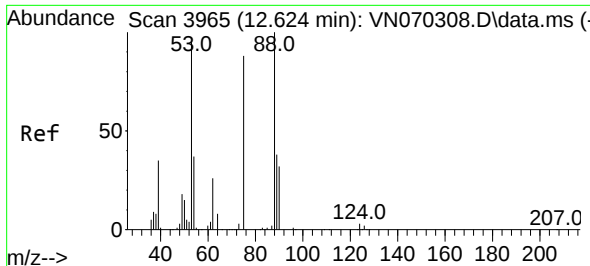
Tgt Ion: 83 Resp: 767
 Ion Ratio Lower Upper
 83 100
 131 186.4 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 23.025 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070445.D
 Acq: 3 Jan 2022 18:33

Tgt Ion: 75 Resp: 627305
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

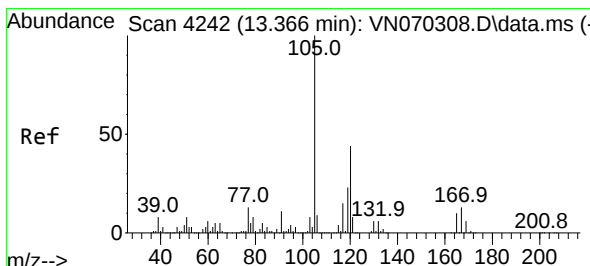
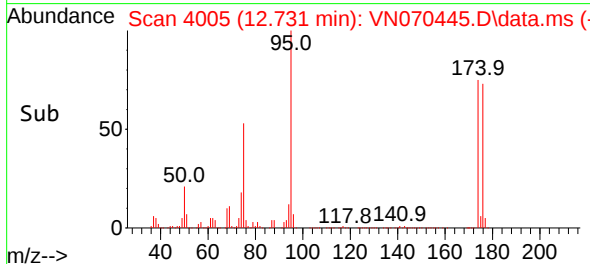
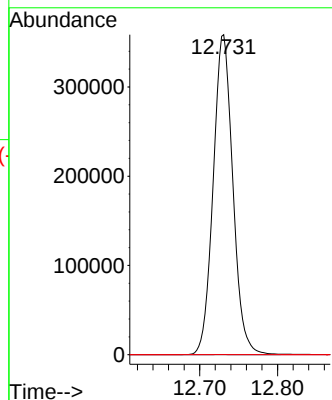
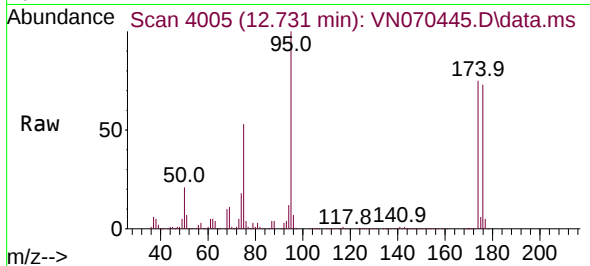




#81
trans-1,4-Dichloro-2-butene
Concen: 77.638 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

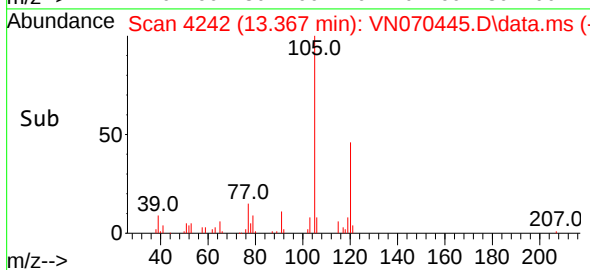
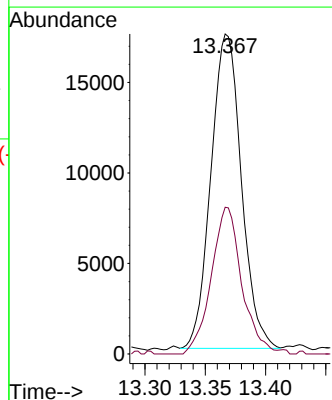
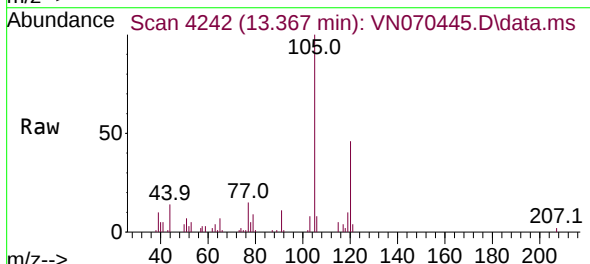
Instrument :
MSVOA_N
ClientSampleId :
IBLK

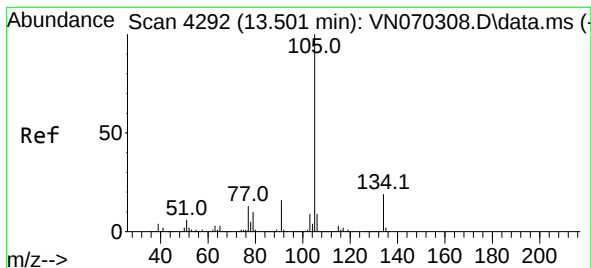
Tgt Ion: 75 Resp: 627305
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.431 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070445.D
Acq: 3 Jan 2022 18:33

Tgt Ion: 105 Resp: 30509
Ion Ratio Lower Upper
105 100
120 46.6 22.8 68.4





#85

sec-Butylbenzene

Concen: 0.347 ug/l

RT: 13.367 min Scan# 41

Delta R.T. -0.134 min

Lab File: VN070445.D

Acq: 3 Jan 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

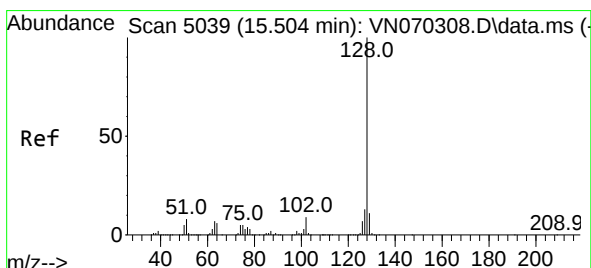
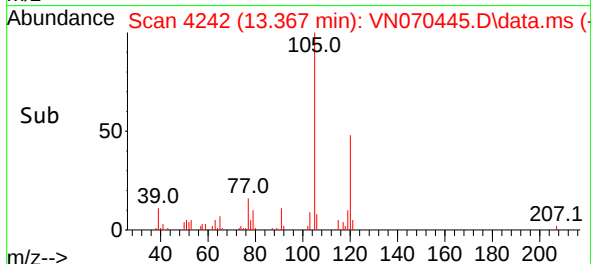
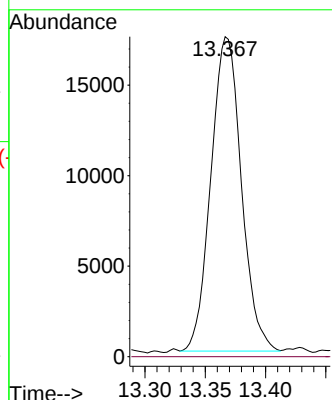
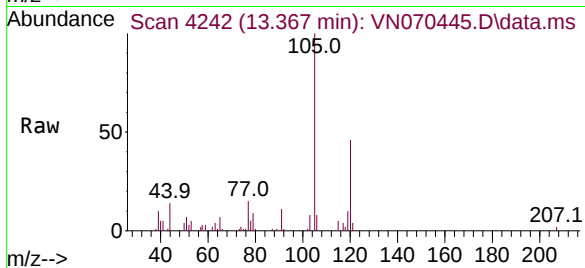
IBLK

Tgt Ion:105 Resp: 30509

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



#95

Naphthalene

Concen: 3.546 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. 0.003 min

Lab File: VN070445.D

Acq: 3 Jan 2022 18:33

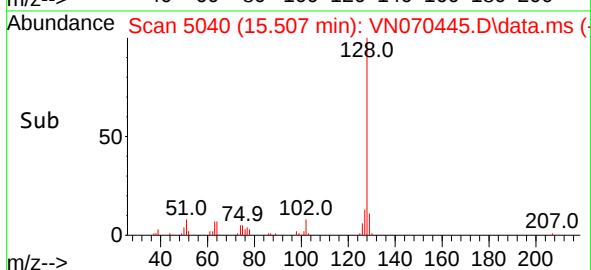
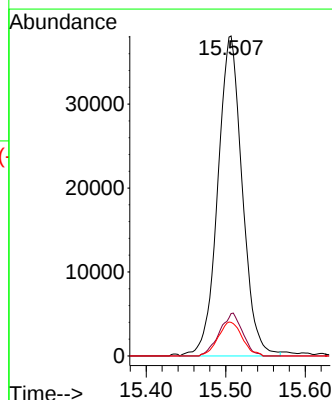
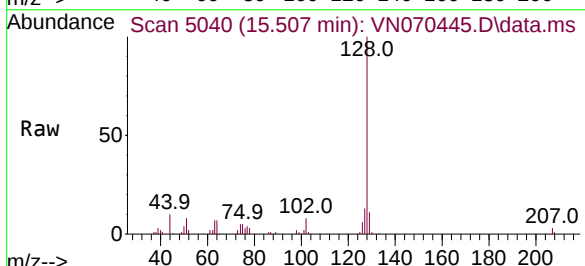
Tgt Ion:128 Resp: 81587

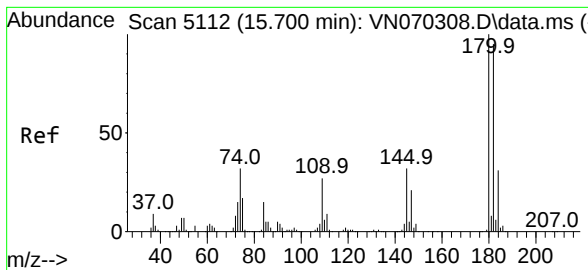
Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

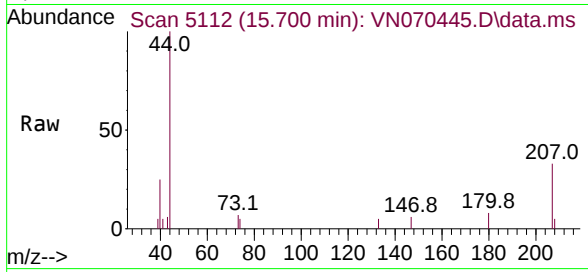
129 10.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.838 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070445.D
 Acq: 3 Jan 2022 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	181
Ion	Ratio	Lower	Upper
180	100		
182	61.3	47.4	142.2
145	0.0	15.0	45.1#

