

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067531.D
 Acq On : 28 Jun 2021 14:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:25 PM

Quant Time: Jun 29 05:14:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	279584	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	490120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	452280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	172616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	176294	46.073	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.140%		
35) Dibromofluoromethane	8.024	113	147770	48.629	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.260%		
50) Toluene-d8	10.446	98	607902	49.246	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.733	95	206417	47.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	1527	0.528	ug/l	99
3) Chloromethane	2.303	50	1105	0.317	ug/l	# 80
4) Vinyl Chloride	2.445	62	1166	0.249	ug/l	# 87
5) Bromomethane	2.872	94	2681	0.779	ug/l	84
7) Trichlorofluoromethane	3.373	101	2317	0.276	ug/l	96
13) Acrolein	4.047	56	1164	5.292	ug/l	93
15) Acrylonitrile	5.562	53	2495	1.700	ug/l	# 88
16) Acetone	4.307	43	3326m	2.635	ug/l	
17) Carbon Disulfide	4.521	76	11341	1.482	ug/l	# 95
20) Methylene Chloride	5.101	84	2216	0.466	ug/l	# 78
21) trans-1,2-Dichloroethene	5.610	96	1983m	0.644	ug/l	
25) 2-Butanone	7.353	43	3968	2.039	ug/l	97
29) Tetrahydrofuran	7.707	42	1980	1.528	ug/l	# 91
36) 1,1-Dichloropropene	8.228	75	2118	0.479	ug/l	97
39) Methylcyclohexane	9.464	83	2031	0.379	ug/l	94
44) Trichloroethene	9.212	130	1941	0.556	ug/l	78
51) 4-Methyl-2-Pentanone	10.336	43	8714	2.081	ug/l	94
52) Toluene	10.515	92	2481	0.283	ug/l	92
53) t-1,3-Dichloropropene	10.725	75	1593	2.529	ug/l	# 63
55) 1,1,2-Trichloroethane	10.904	97	941	0.276	ug/l	91
56) Ethyl methacrylate	10.765	69	2001	0.387	ug/l	91
59) 2-Hexanone	11.089	43	16106	5.448	ug/l	88
60) Dibromochloromethane	11.245	129	564	2.542	ug/l	99
61) 1,2-Dibromoethane	11.347	107	701	0.200	ug/l	# 47
64) Tetrachloroethene	10.982	164	1756	0.554	ug/l	# 83
65) Chlorobenzene	11.773	112	5080	0.547	ug/l	97
67) Ethyl Benzene	11.848	91	7696	0.459	ug/l	97
68) m/p-Xylenes	11.961	106	6506	1.009	ug/l	85
69) o-Xylene	12.280	106	2282	0.357	ug/l	93
70) Styrene	12.294	104	6318	2.419	ug/l	# 86
71) Bromoform	12.460	173	816	3.731	ug/l	# 29
73) Isopropylbenzene	12.581	105	7500	0.517	ug/l	98
74) N-amyl acetate	12.390	43	9197	1.932	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.827	83	2922	0.710	ug/l	# 95
76) 1,2,3-Trichloropropane	12.878	75	3371m	0.974	ug/l	
77) Bromobenzene	12.865	156	2906	0.902	ug/l	76

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067531.D
 Acq On : 28 Jun 2021 14:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

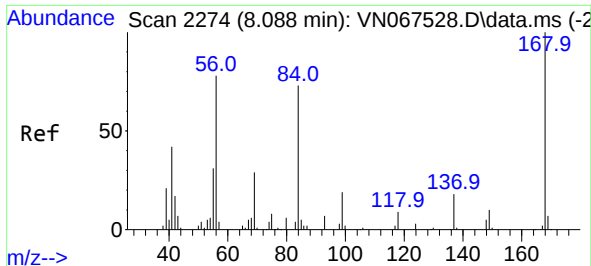
MMDadoda
 6/29/2021 6:22:25 PM

Quant Time: Jun 29 05:14:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

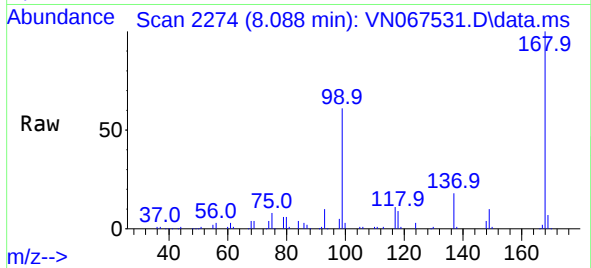
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.924	91	16123	0.997	ug/l	96
79) 2-Chlorotoluene	13.010	91	8124	0.822	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	8274	0.696	ug/l	97
82) 4-Chlorotoluene	13.109	91	12400	1.284	ug/l	92
83) tert-Butylbenzene	13.326	119	6304	0.611	ug/l	84
84) 1,2,4-Trimethylbenzene	13.372	105	11556	0.987	ug/l	98
85) sec-Butylbenzene	13.503	105	12655	0.892	ug/l	97
86) p-Isopropyltoluene	13.616	119	12947	1.134	ug/l	94
87) 1,3-Dichlorobenzene	13.621	146	9732	1.632	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	11608	1.970	ug/l	82
89) n-Butylbenzene	13.946	91	23267	2.472	ug/l	97
90) Hexachloroethane	14.217	117	509	0.253	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	10042	1.768	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.600	75	2281	3.167	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	17279	6.910	ug/l	97
94) Hexachlorobutadiene	15.378	225	3267	2.964	ug/l	99
95) Naphthalene	15.509	128	115728	15.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	23581	9.634	ug/l	97

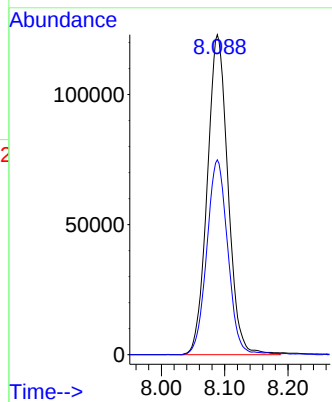
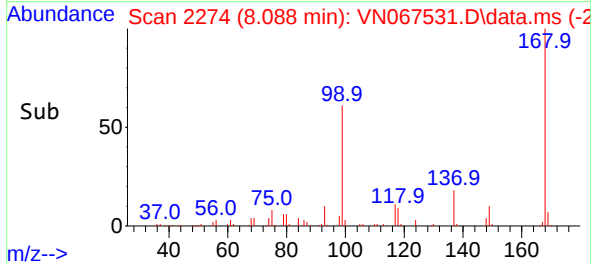
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



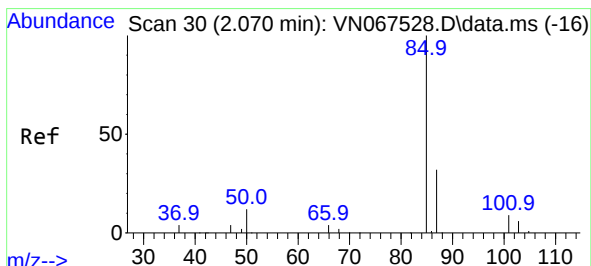
Tgt Ion: 168 Resp: 279584
Ion Ratio Lower Upper
168 100
99 60.9 62.9 94.3#



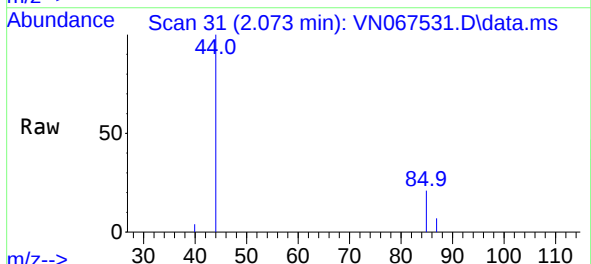
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations
APPROVED

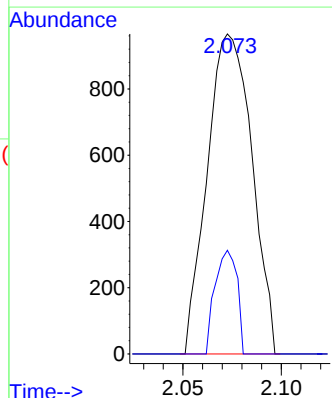
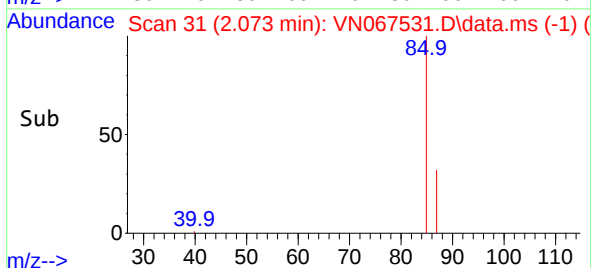
MMDadoda
6/29/2021 6:22:25 PM

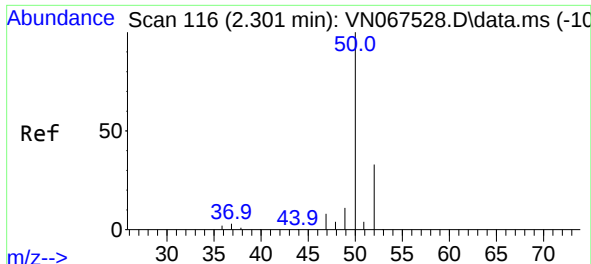


#2
Dichlorodifluoromethane
Concen: 0.528 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



Tgt Ion: 85 Resp: 1527
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2





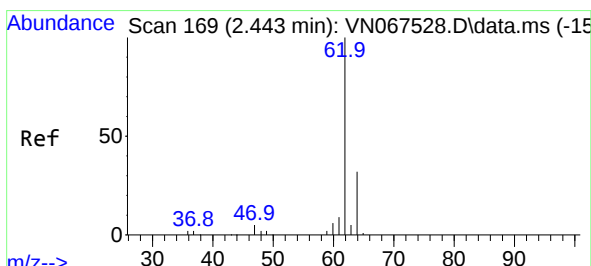
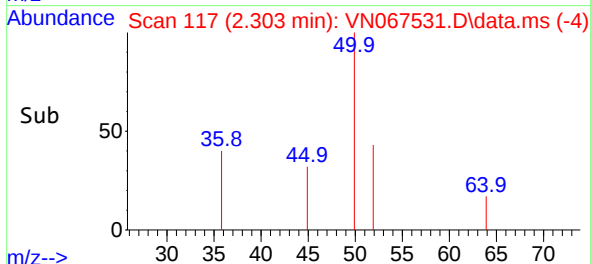
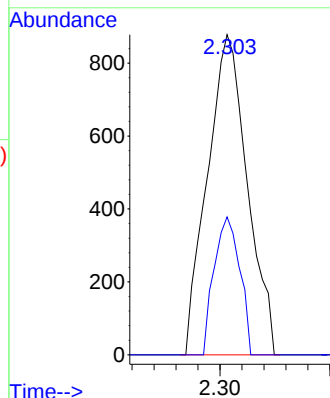
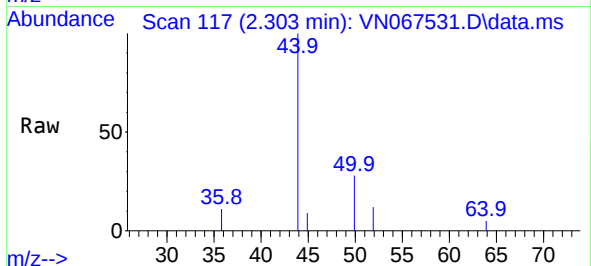
#3
Chloromethane
Concen: 0.317 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 50 Resp: 1105
Ion Ratio Lower Upper
50 100
52 43.1 25.6 38.4#

Instrument :
MSVOA_N
ClientSampled :
IBLK

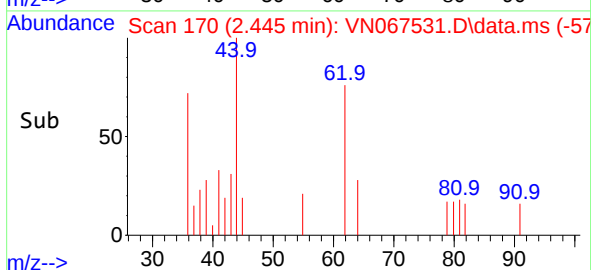
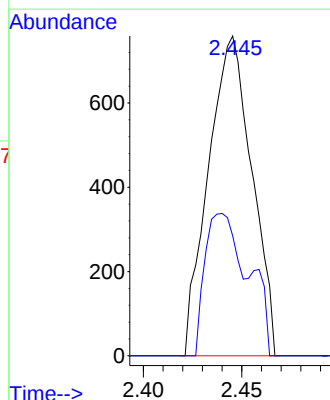
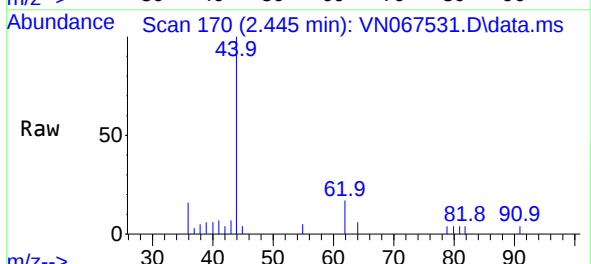
Manual Integrations
APPROVED

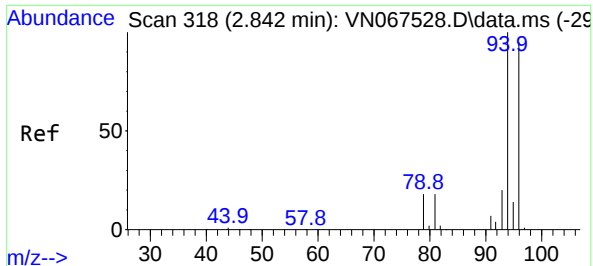
MMDadoda
6/29/2021 6:22:25 PM



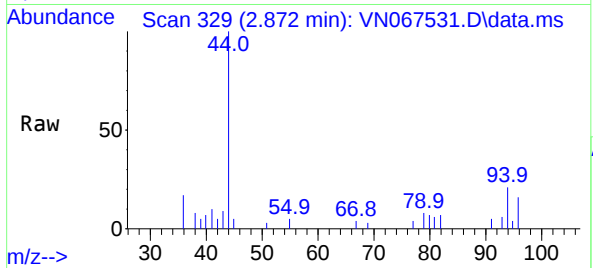
#4
Vinyl Chloride
Concen: 0.249 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.002 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 62 Resp: 1166
Ion Ratio Lower Upper
62 100
64 37.5 24.4 36.6#

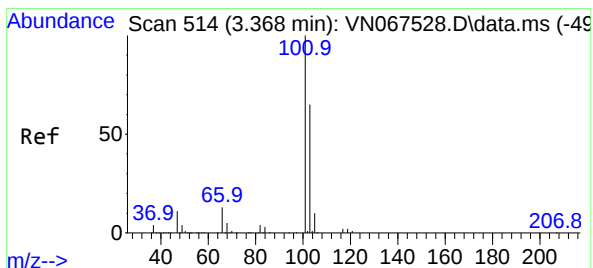
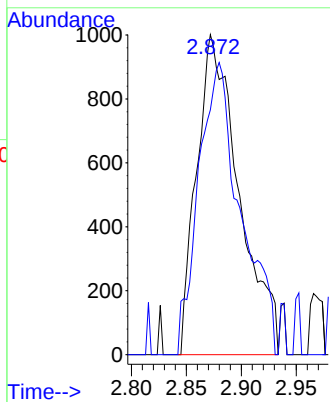
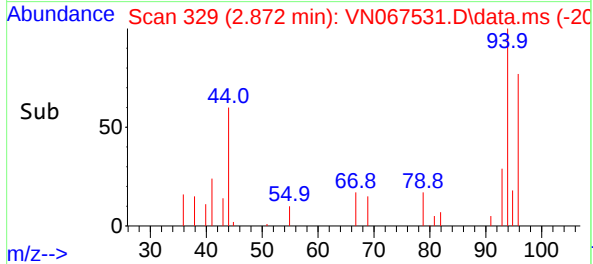




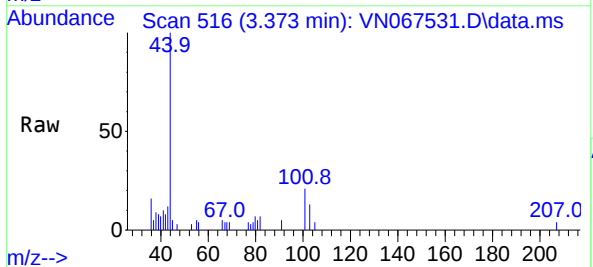
#5
Bromomethane
Concen: 0.779 ug/l
RT: 2.872 min Scan# 329
Delta R.T. 0.030 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



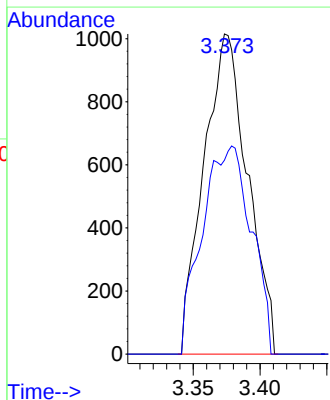
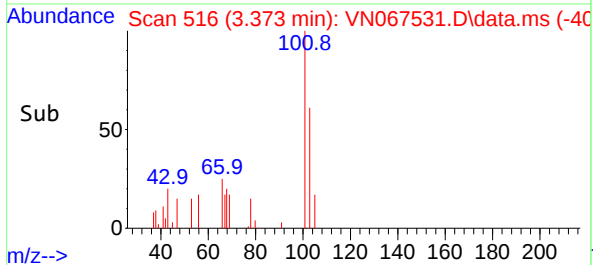
Tgt Ion: 94 Resp: 2681
Ion Ratio Lower Upper
94 100
96 76.5 73.7 110.5



#7
Trichlorofluoromethane
Concen: 0.276 ug/l
RT: 3.373 min Scan# 516
Delta R.T. 0.005 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



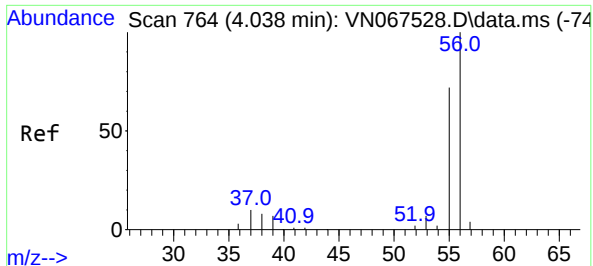
Tgt Ion: 101 Resp: 2317
Ion Ratio Lower Upper
101 100
103 60.6 51.2 76.8



Instrument :
MSVOA_N
ClientSampleId :
IBLK

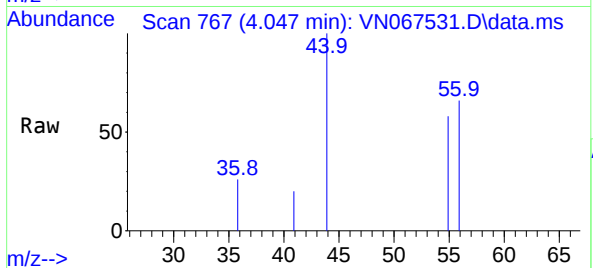
Manual Integrations
APPROVED

MMDadoda
6/29/2021 6:22:25 PM



#13
Acrolein
Concen: 5.292 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.009 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

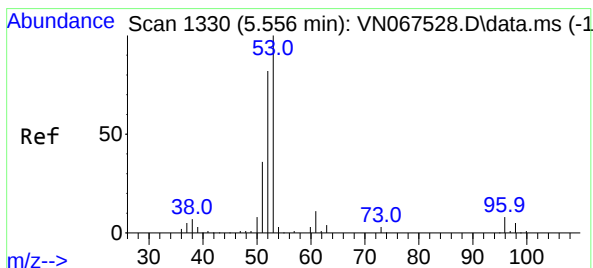
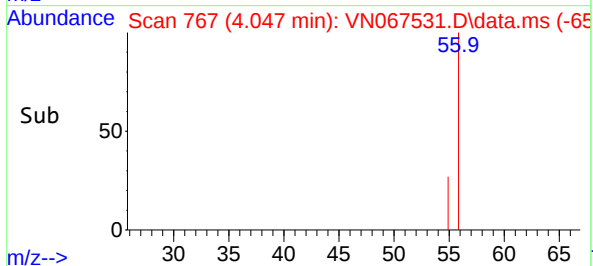
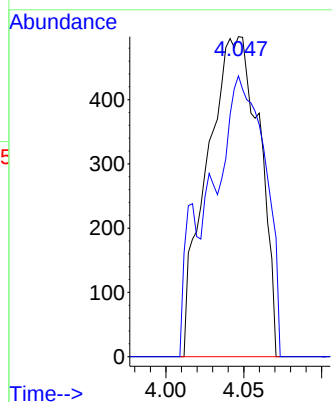
Instrument :
MSVOA_N
ClientSampled :
IBLK



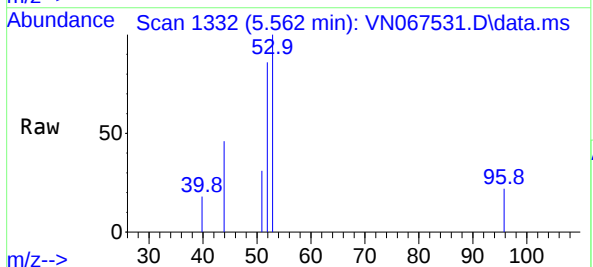
Tgt Ion: 56 Resp: 1164
Ion Ratio Lower Upper
56 100
55 66.2 57.4 86.0

Manual Integrations
APPROVED

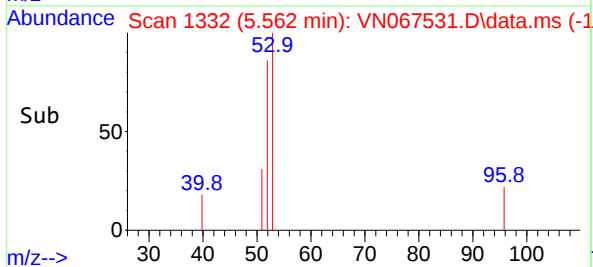
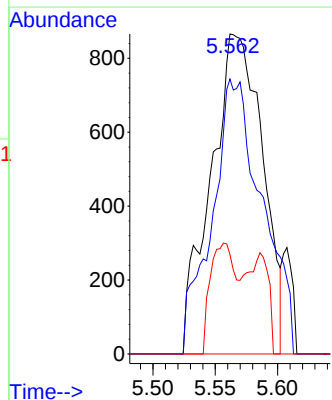
MMDadoda
6/29/2021 6:22:25 PM

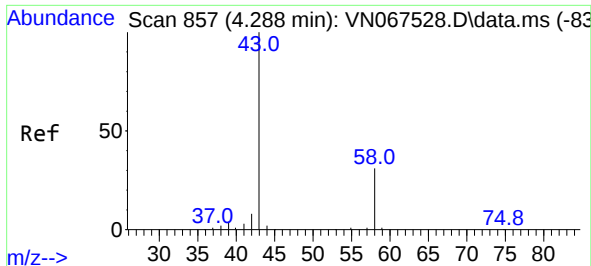


#15
Acrylonitrile
Concen: 1.700 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



Tgt Ion: 53 Resp: 2495
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 17.2 30.2 45.4#





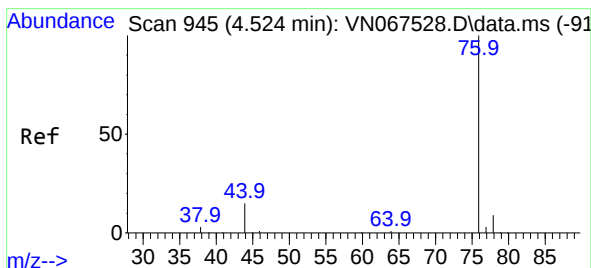
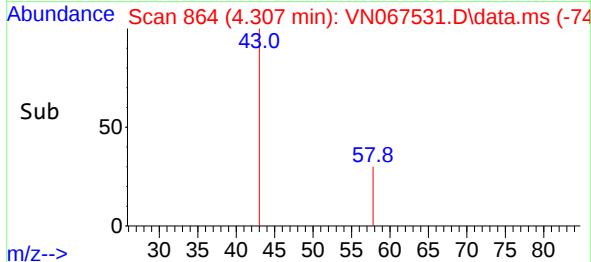
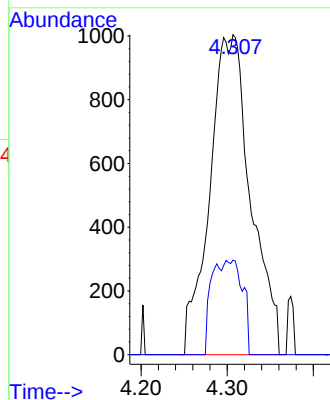
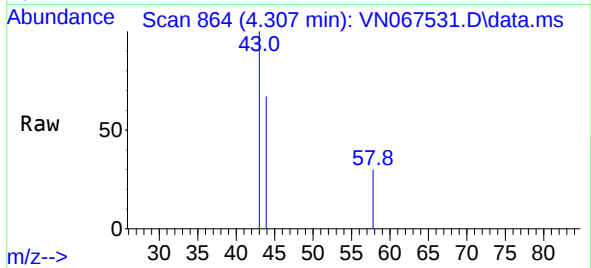
#16
Acetone
Concen: 2.635 ug/l m
RT: 4.307 min Scan# 864
Delta R.T. 0.019 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
58 29.6 21.2 31.8

Instrument :
MSVOA_N
ClientSampleId :
IBLK

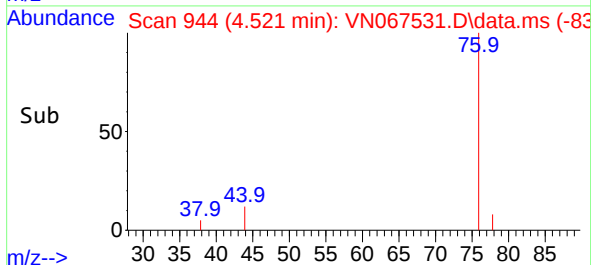
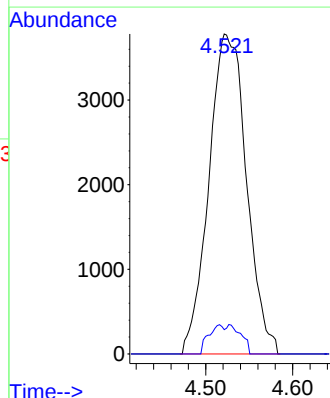
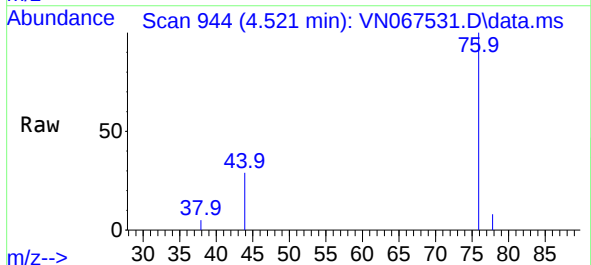
Manual Integrations
APPROVED

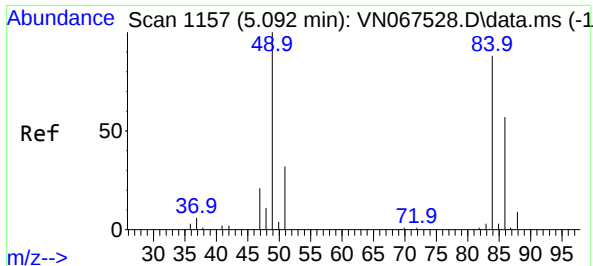
MMDadoda
6/29/2021 6:22:25 PM



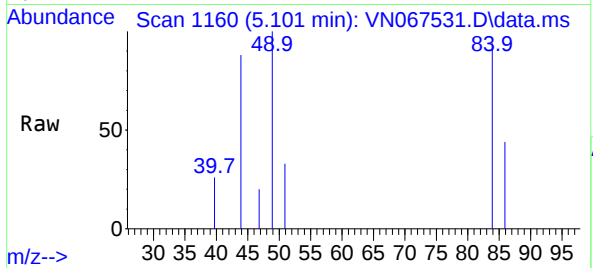
#17
Carbon Disulfide
Concen: 1.482 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 76 Resp: 11341
Ion Ratio Lower Upper
76 100
78 7.6 7.7 11.5#



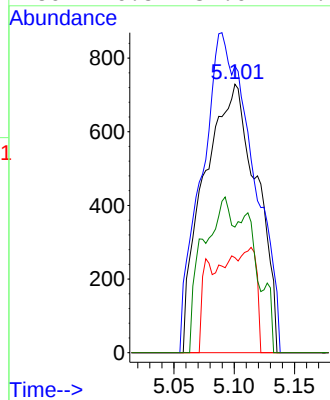


#20
Methylene Chloride
Concen: 0.466 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.009 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



Tgt Ion: 84 Resp: 2216

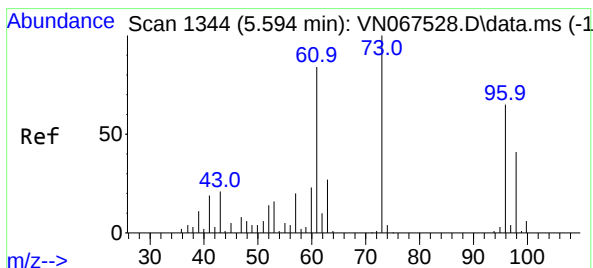
Ion	Ratio	Lower	Upper
84	100		
49	106.7	110.9	166.3#
51	35.4	32.6	49.0
86	46.8	51.6	77.4#



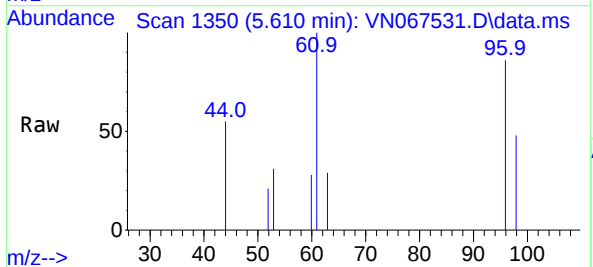
Instrument :
MSVOA_N
ClientSampled :
IBLK

Manual Integrations
APPROVED

MMDadoda
6/29/2021 6:22:25 PM

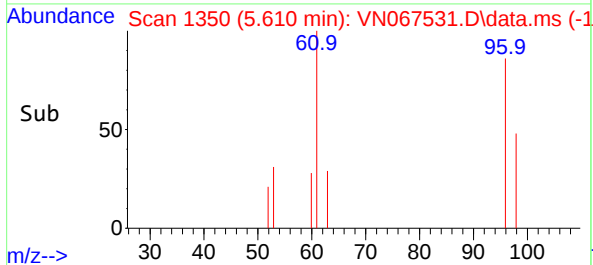
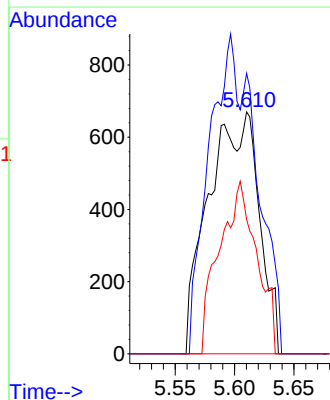


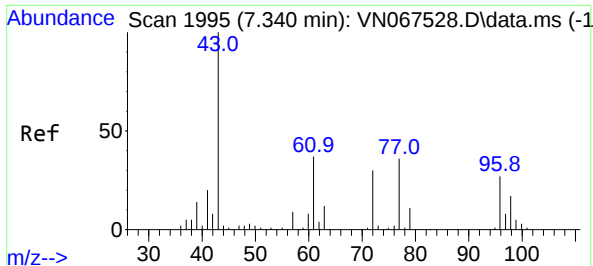
#21
trans-1,2-Dichloroethene
Concen: 0.644 ug/l m
RT: 5.610 min Scan# 1350
Delta R.T. 0.016 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



Tgt Ion: 96 Resp: 1983

Ion	Ratio	Lower	Upper
96	100		
61	116.0	123.5	185.3#
98	55.7	48.6	72.8





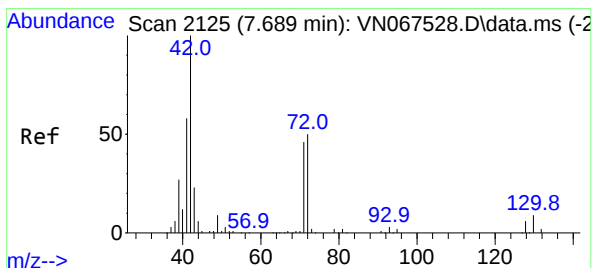
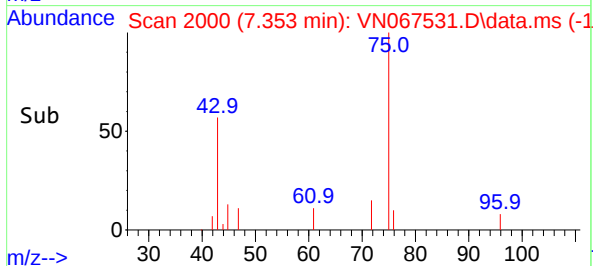
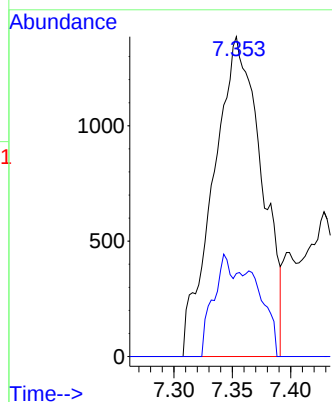
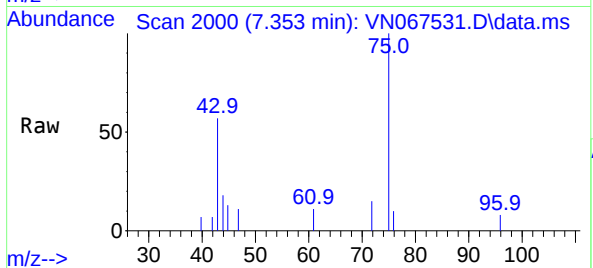
#25
2-Butanone
Concen: 2.039 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.013 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 43 Resp: 3968
Ion Ratio Lower Upper
43 100
72 26.0 19.7 29.5

Instrument :
MSVOA_N
ClientSampled :
IBLK

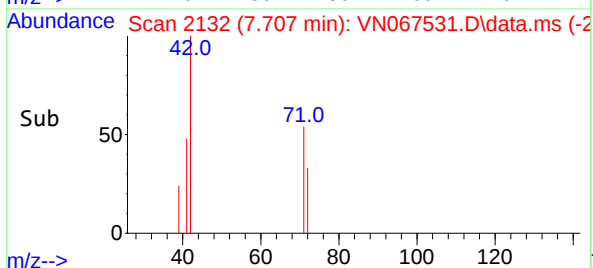
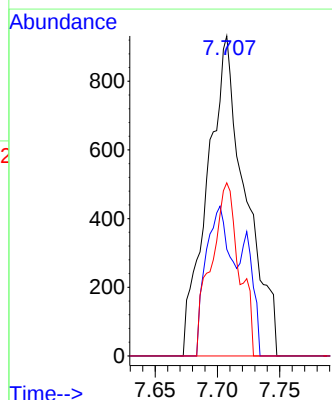
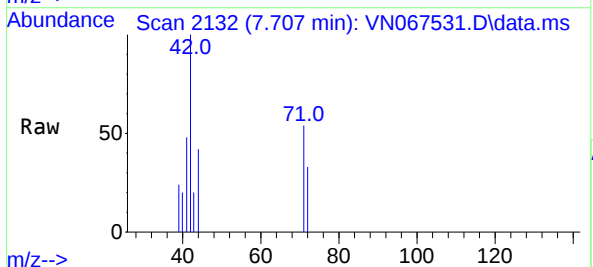
Manual Integrations
APPROVED

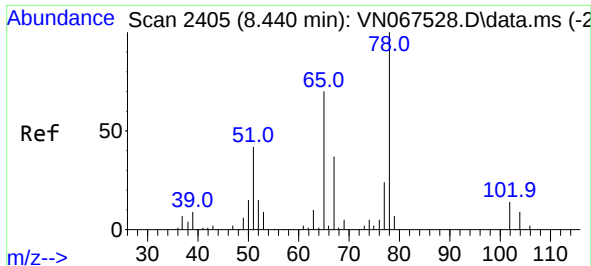
MMDadoda
6/29/2021 6:22:25 PM



#29
Tetrahydrofuran
Concen: 1.528 ug/l
RT: 7.707 min Scan# 2132
Delta R.T. 0.018 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 42 Resp: 1980
Ion Ratio Lower Upper
42 100
72 31.1 32.8 49.2#
71 39.7 31.2 46.8





#33

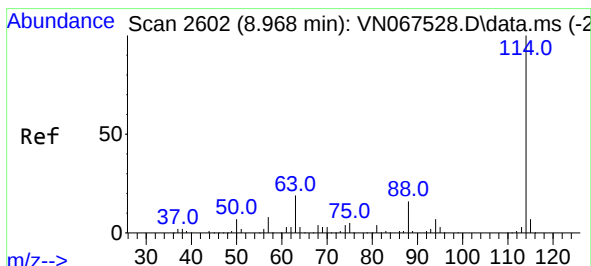
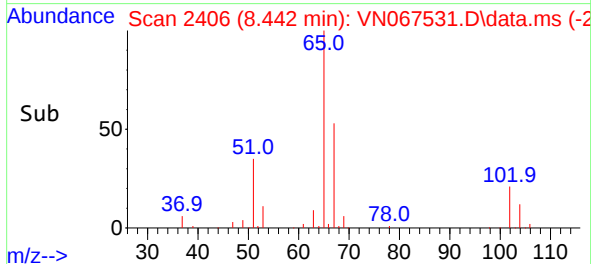
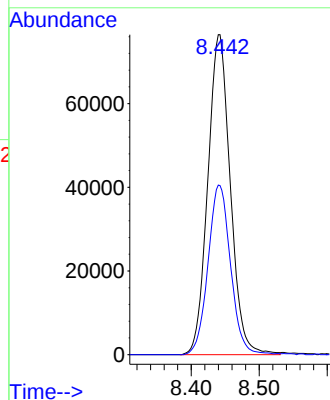
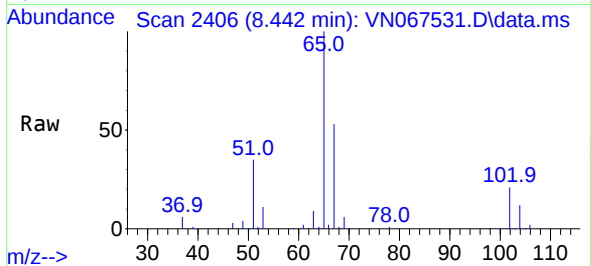
1,2-Dichloroethane-d4
Concen: 46.073 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 65 Resp: 176294
Ion Ratio Lower Upper
65 100
67 52.9 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations
APPROVED

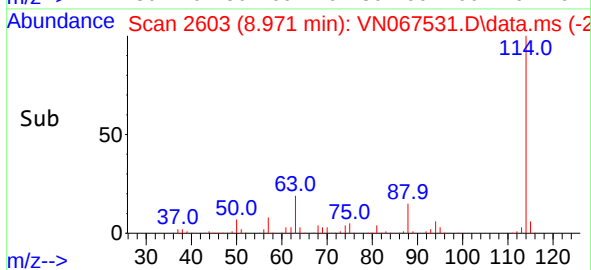
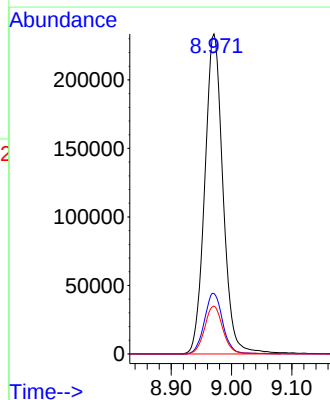
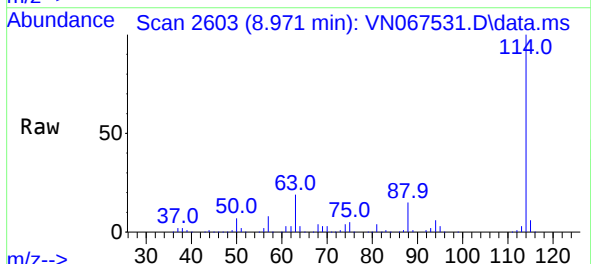
MMDadoda
6/29/2021 6:22:25 PM

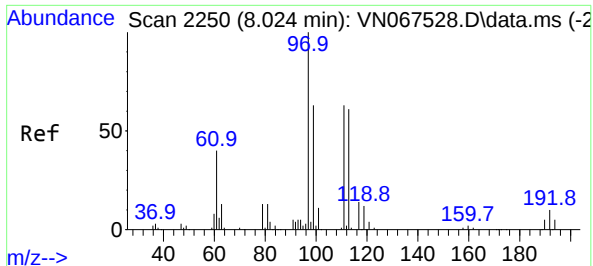


#34

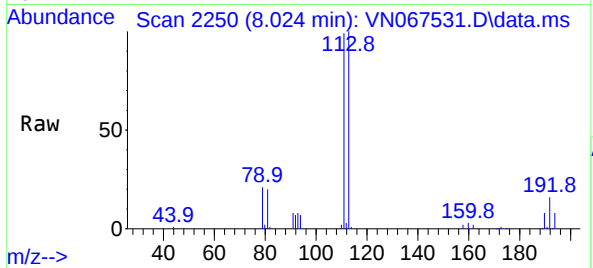
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 114 Resp: 490120
Ion Ratio Lower Upper
114 100
63 18.9 0.0 49.0
88 14.9 0.0 36.6

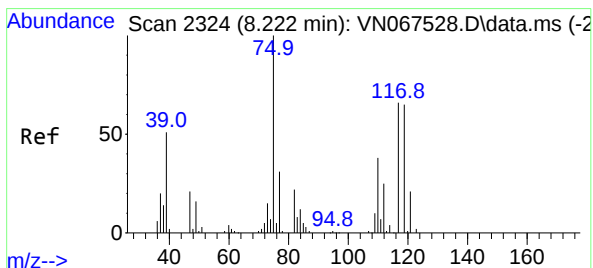
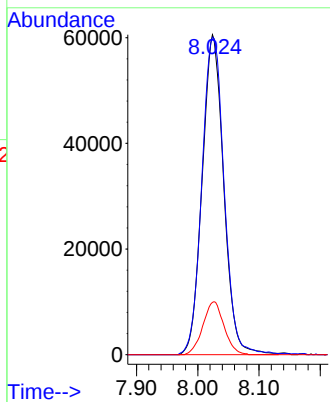
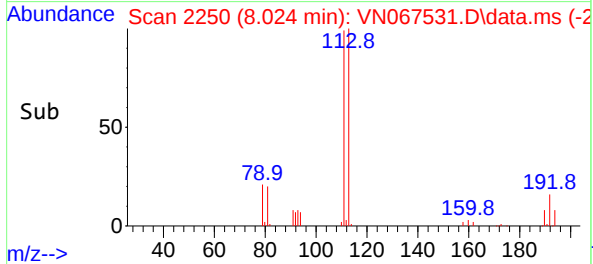




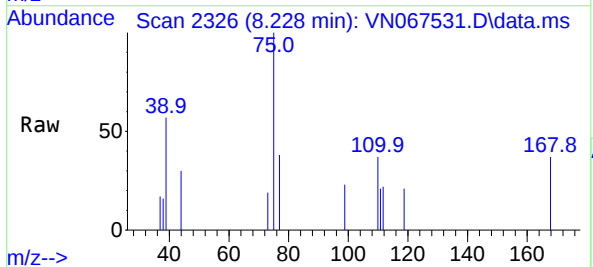
#35
Dibromofluoromethane
Concen: 48.629 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



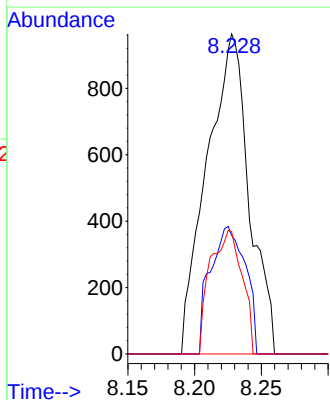
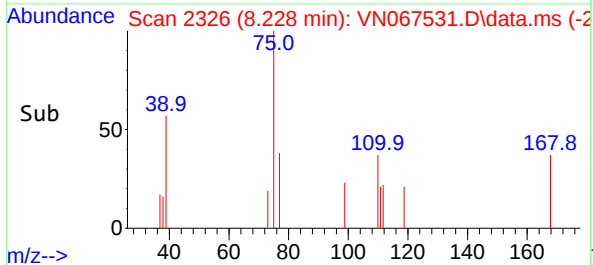
Tgt Ion: 113 Resp: 147770
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 16.3 13.4 20.0



#36
1,1-Dichloropropene
Concen: 0.479 ug/l
RT: 8.228 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



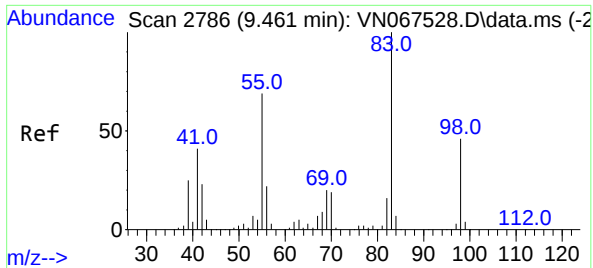
Tgt Ion: 75 Resp: 2118
Ion Ratio Lower Upper
75 100
110 33.1 15.7 47.0
77 29.2 24.6 37.0



Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations
APPROVED

MMDadoda
6/29/2021 6:22:25 PM



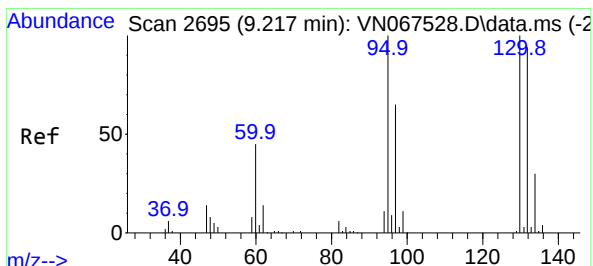
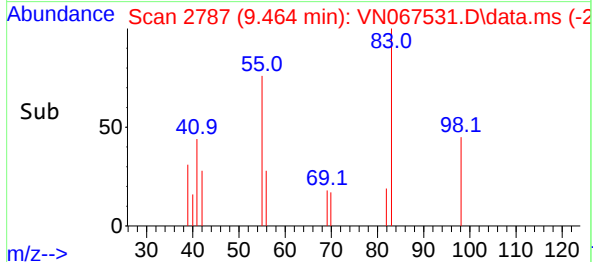
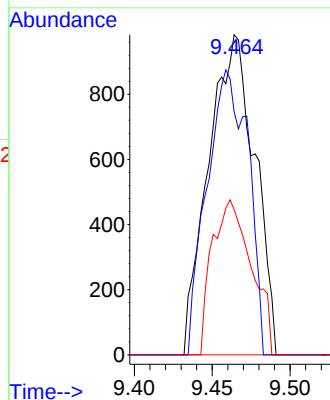
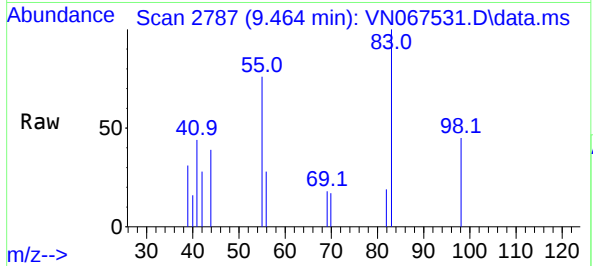
#39
Methylcyclohexane
Concen: 0.379 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 83	Resp: 2031
Ion Ratio	Lower Upper
83 100	
55 75.9	66.6 99.8
98 45.4	35.3 52.9

Instrument :
MSVOA_N
ClientSampleId :
IBLK

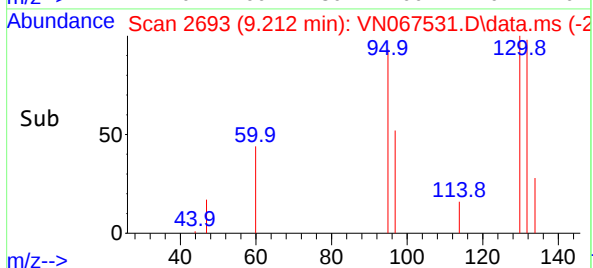
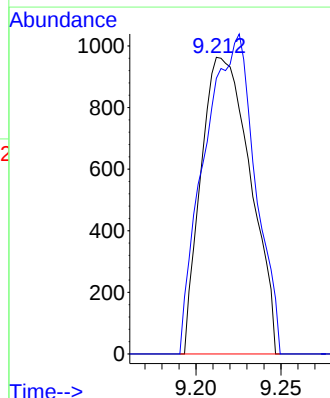
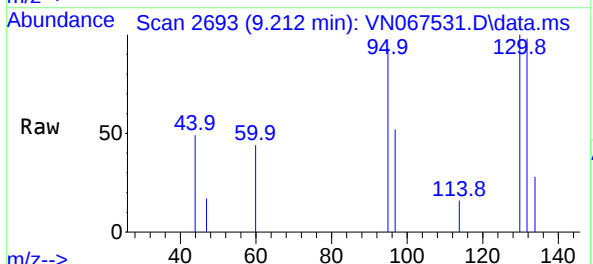
Manual Integrations
APPROVED

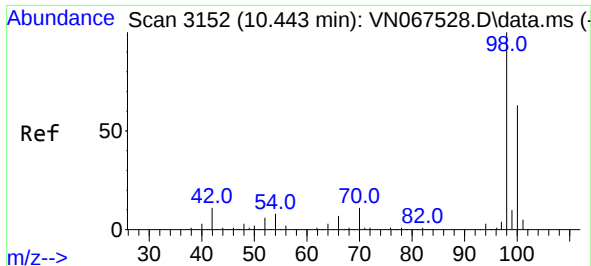
MMDadoda
6/29/2021 6:22:25 PM



#44
Trichloroethene
Concen: 0.556 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.005 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion:130	Resp:	1941	
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	234.4





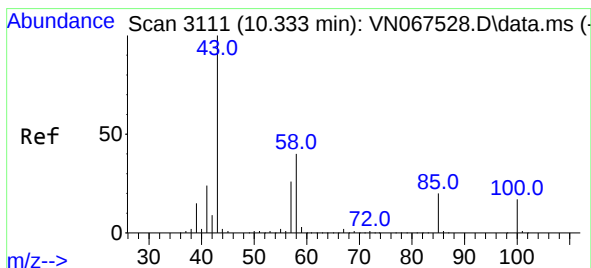
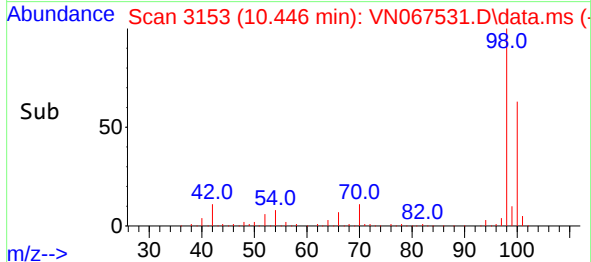
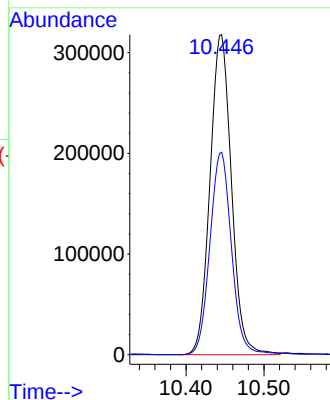
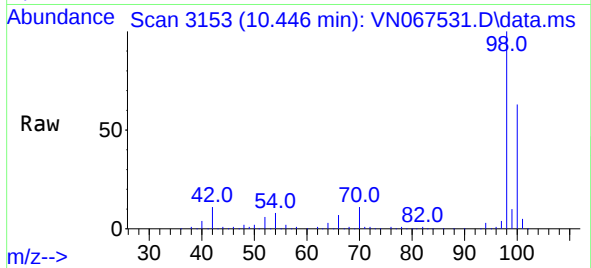
#50
Toluene-d8
Concen: 49.246 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 98 Resp: 607902
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

Instrument :
MSVOA_N
ClientSampleId :
IBLK

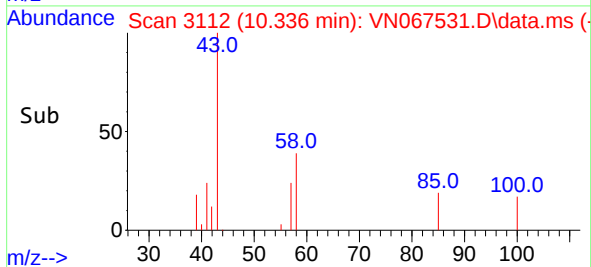
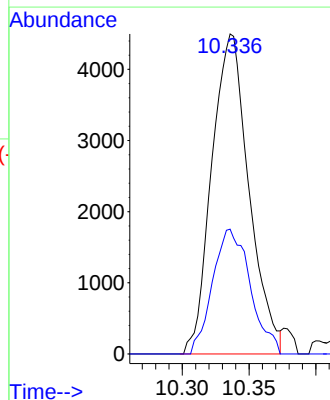
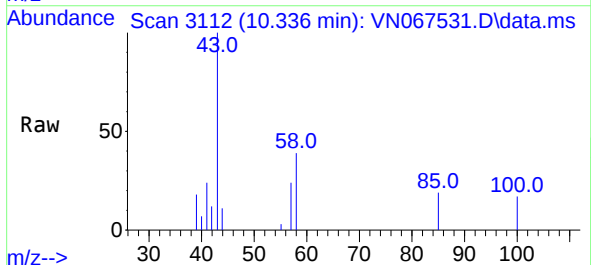
Manual Integrations
APPROVED

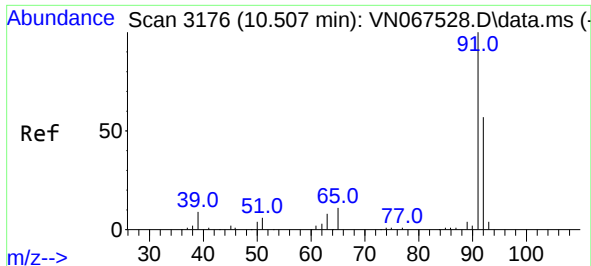
MMDadoda
6/29/2021 6:22:25 PM



#51
4-Methyl-2-Pentanone
Concen: 2.081 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 43 Resp: 8714
Ion Ratio Lower Upper
43 100
58 39.4 28.6 43.0





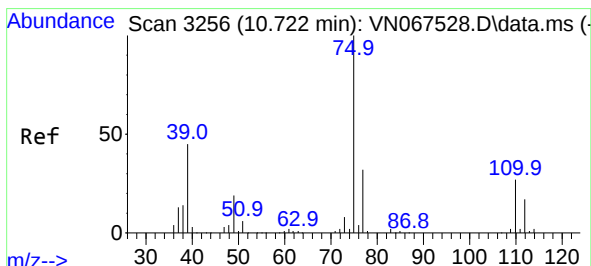
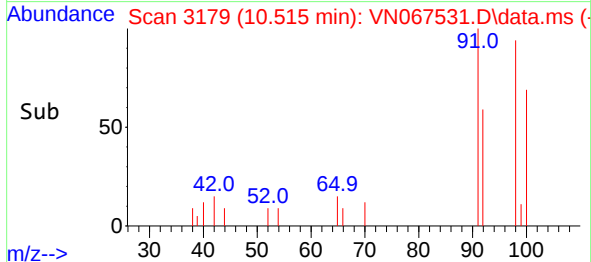
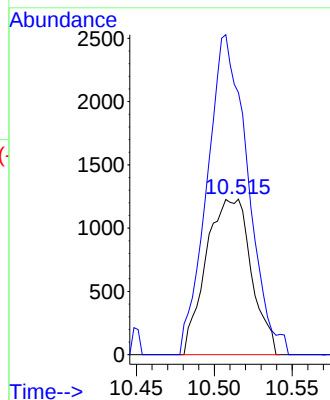
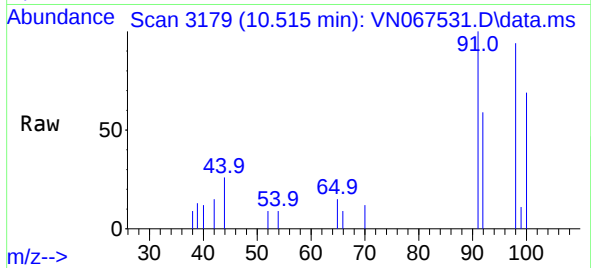
#52
Toluene
Concen: 0.283 ug/l
RT: 10.515 min Scan# 3179
Delta R.T. 0.008 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 92 Resp: 2481
Ion Ratio Lower Upper
92 100
91 185.0 139.6 209.4

Instrument :
MSVOA_N
ClientSampleId :
IBLK

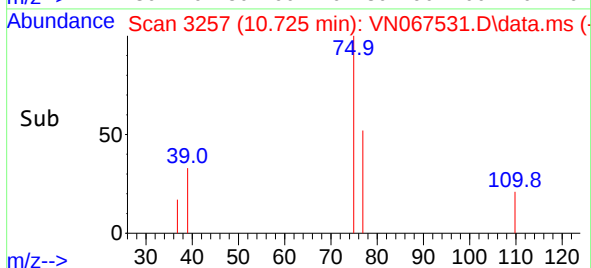
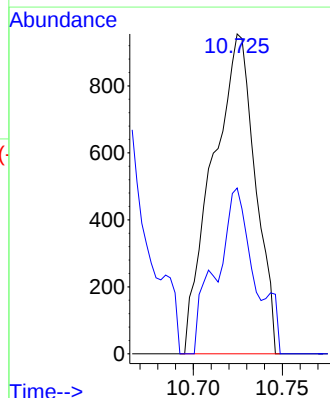
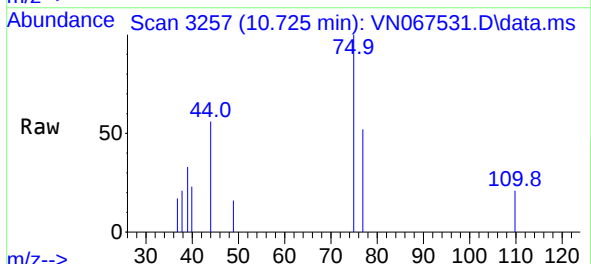
Manual Integrations
APPROVED

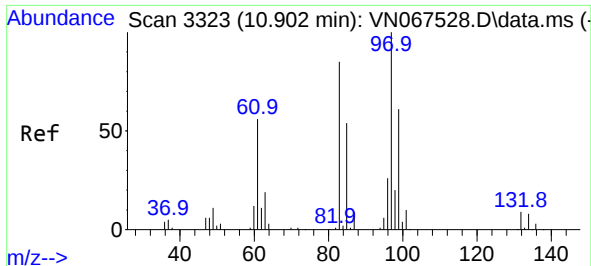
MMDadoda
6/29/2021 6:22:25 PM



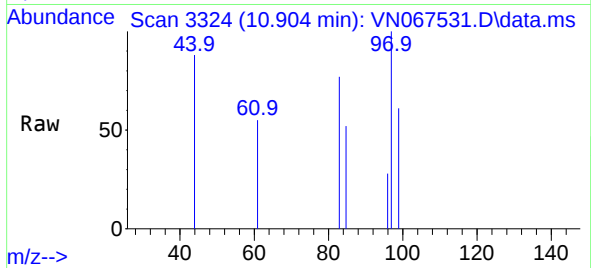
#53
t-1,3-Dichloropropene
Concen: 2.529 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 75 Resp: 1593
Ion Ratio Lower Upper
75 100
77 51.8 25.1 37.7#

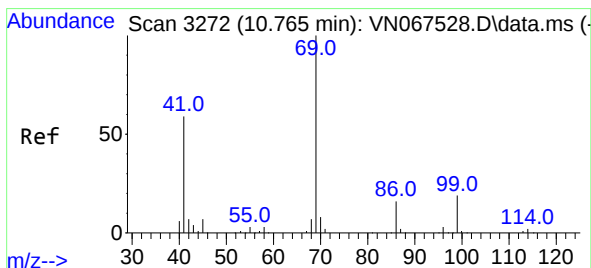
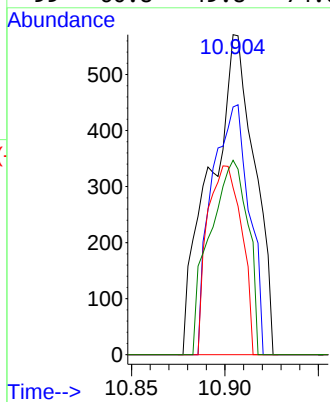
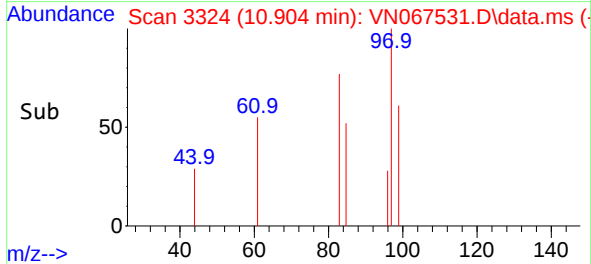




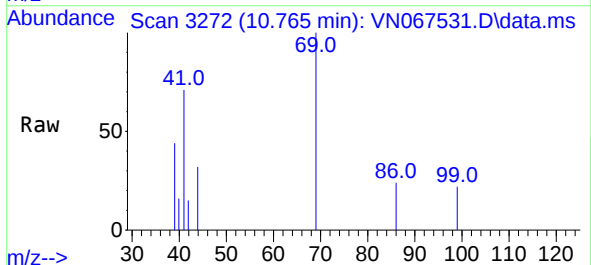
#55
1,1,2-Trichloroethane
Concen: 0.276 ug/l
RT: 10.904 min Scan# 3324
Delta R.T. 0.002 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



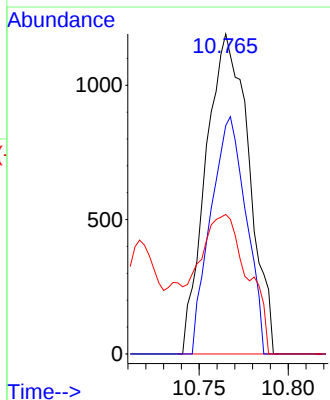
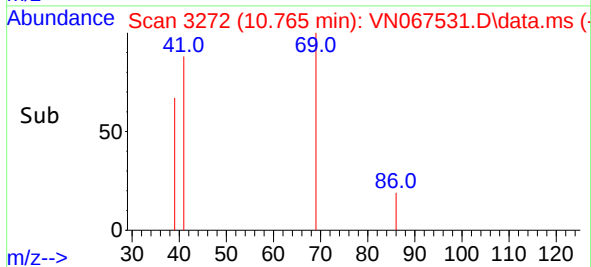
Tgt Ion: 97	Resp: 941
Ion Ratio	Lower Upper
97 100	
83 77.4	72.0 108.0
85 52.2	46.8 70.2
99 60.8	49.8 74.6



#56
Ethyl methacrylate
Concen: 0.387 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. -0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



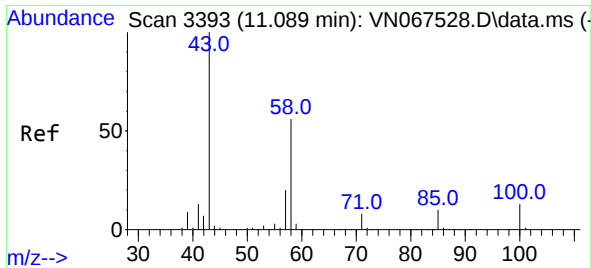
Tgt Ion: 69	Resp: 2001
Ion Ratio	Lower Upper
69 100	
41 60.9	58.6 88.0
39 48.3	38.3 57.5



Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations
APPROVED

MMDadoda
6/29/2021 6:22:25 PM



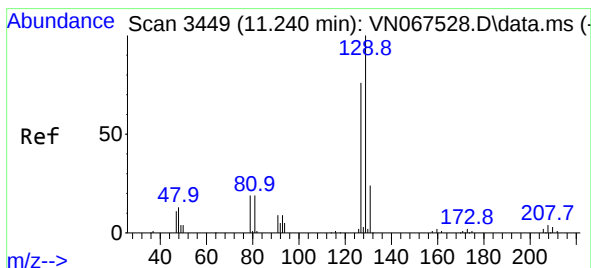
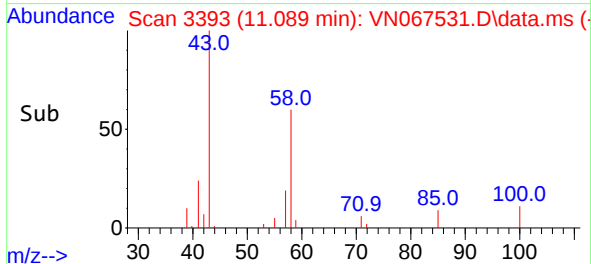
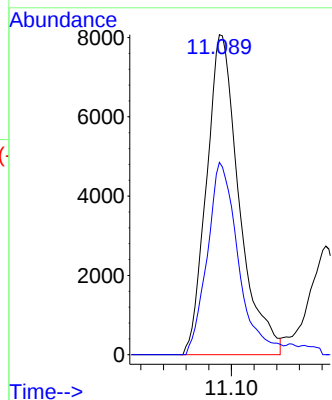
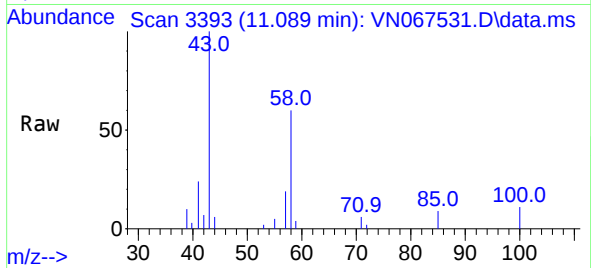
#59
2-Hexanone
Concen: 5.448 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 43 Resp: 16106
Ion Ratio Lower Upper
43 100
58 57.3 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

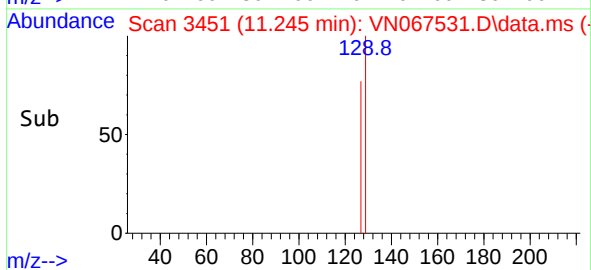
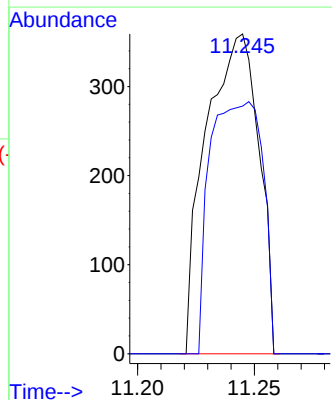
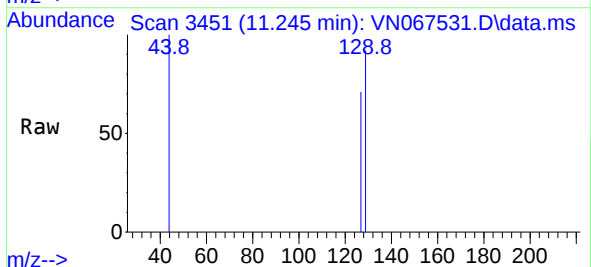
Manual Integrations
APPROVED

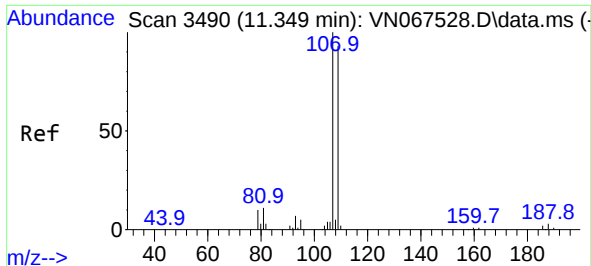
MMDadoda
6/29/2021 6:22:25 PM



#60
Dibromochloromethane
Concen: 2.542 ug/l
RT: 11.245 min Scan# 3451
Delta R.T. 0.005 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

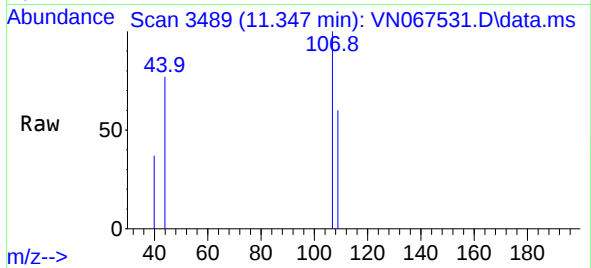
Tgt Ion: 129 Resp: 564
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 0.200 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.002 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

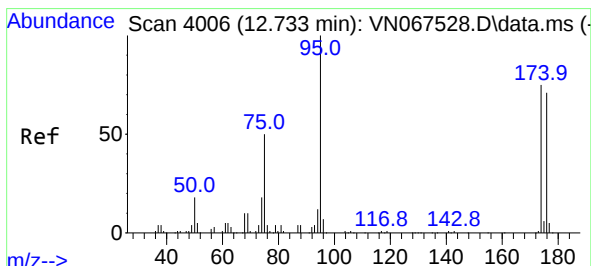
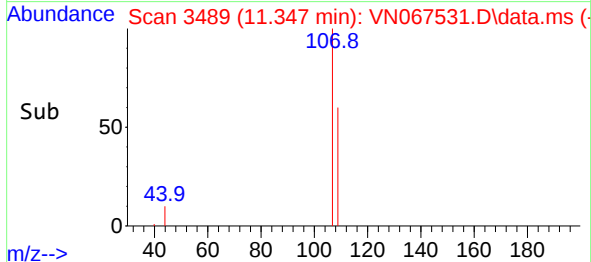
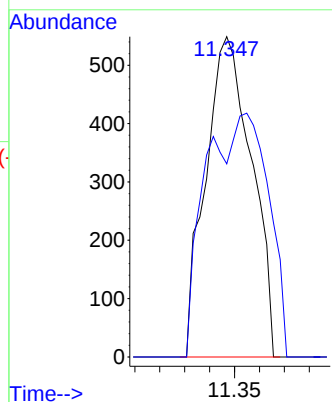
Instrument :
MSVOA_N
ClientSampleId :
IBLK



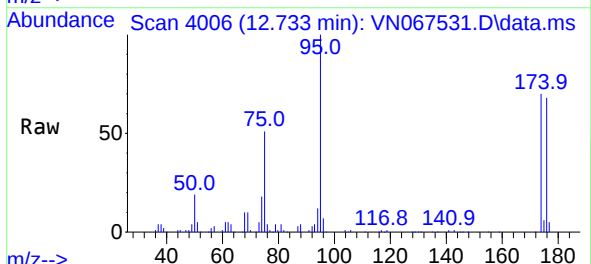
Tgt Ion:107 Resp: 701
Ion Ratio Lower Upper
107 100
109 42.8 75.0 112.4#

Manual Integrations
APPROVED

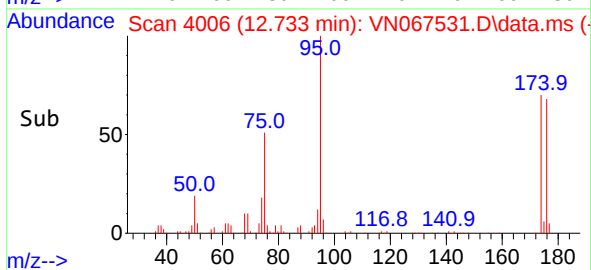
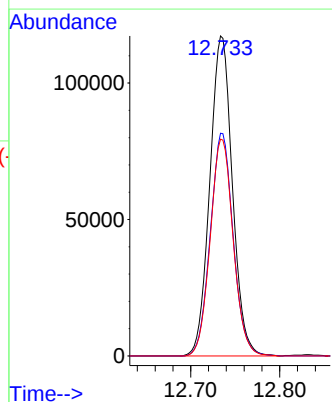
MMDadoda
6/29/2021 6:22:25 PM

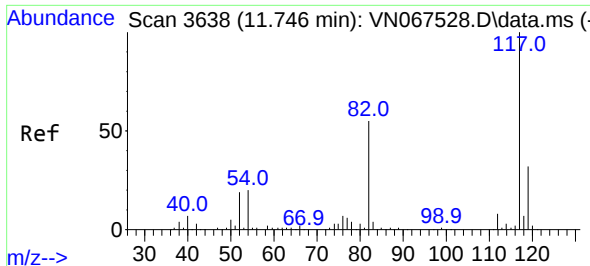


#62
4-Bromofluorobenzene
Concen: 47.873 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



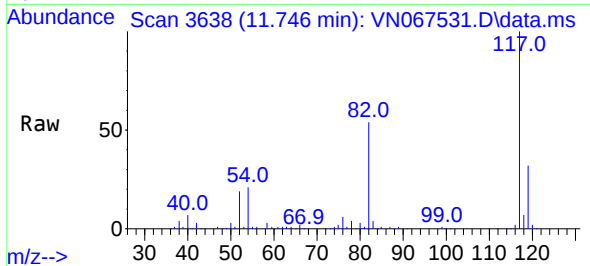
Tgt Ion: 95 Resp: 206417
Ion Ratio Lower Upper
95 100
174 70.7 0.0 122.0
176 69.1 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

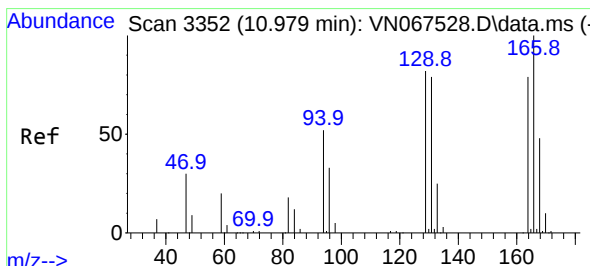
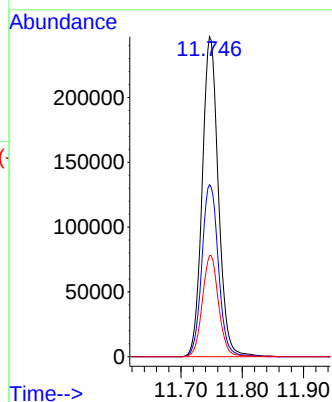
Instrument :
MSVOA_N
ClientSampleId :
IBLK



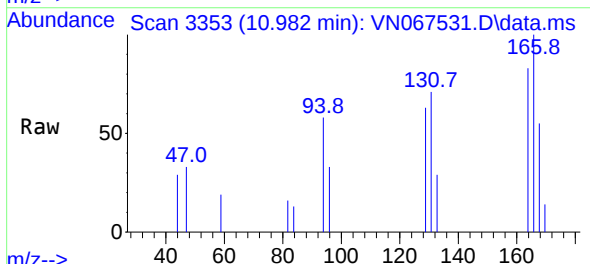
Tgt Ion:117 Resp: 452280
Ion Ratio Lower Upper
117 100
82 53.8 53.1 79.7
119 31.6 25.5 38.3

Manual Integrations
APPROVED

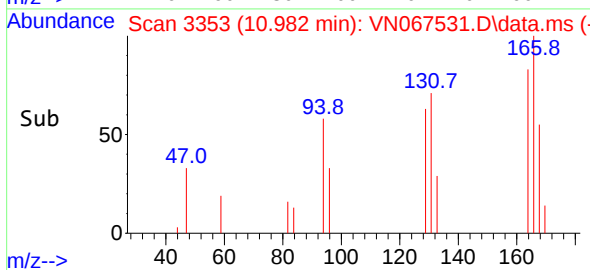
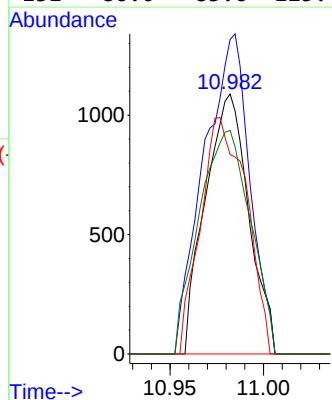
MMDadoda
6/29/2021 6:22:25 PM

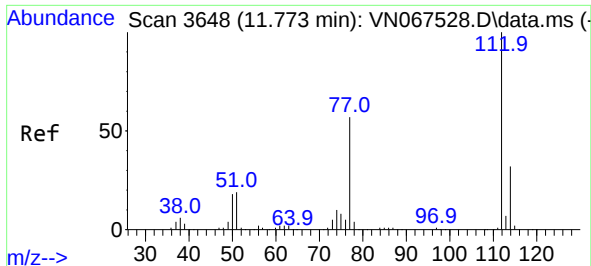


#64
Tetrachloroethene
Concen: 0.554 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



Tgt Ion:164 Resp: 1756
Ion Ratio Lower Upper
164 100
166 120.9 102.1 153.1
129 76.7 86.9 130.3#
131 86.0 83.6 125.4





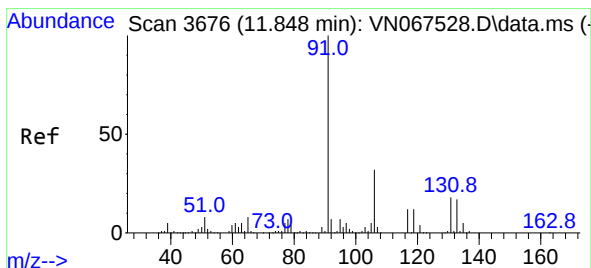
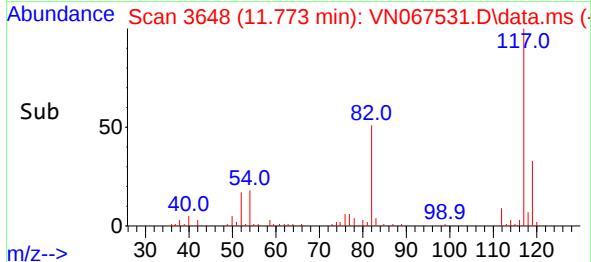
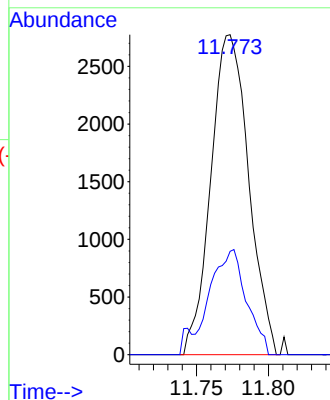
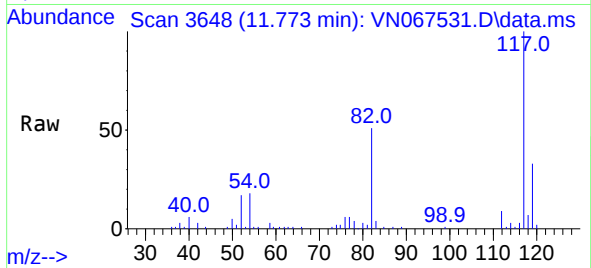
#65
Chlorobenzene
Concen: 0.547 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 112 Resp: 5080
Ion Ratio Lower Upper
112 100
114 32.3 24.6 37.0

Instrument :
MSVOA_N
ClientSampled :
IBLK

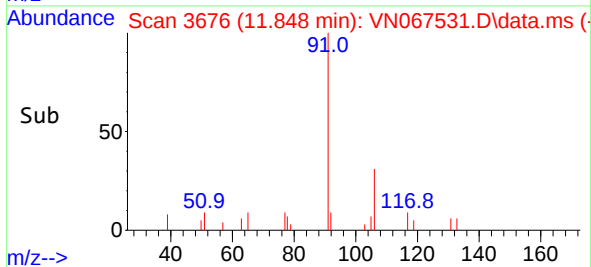
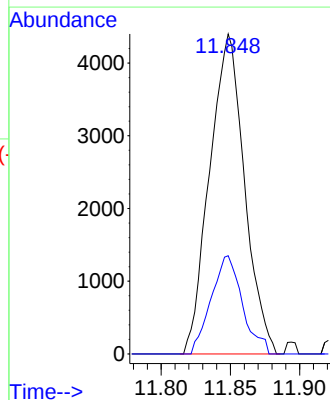
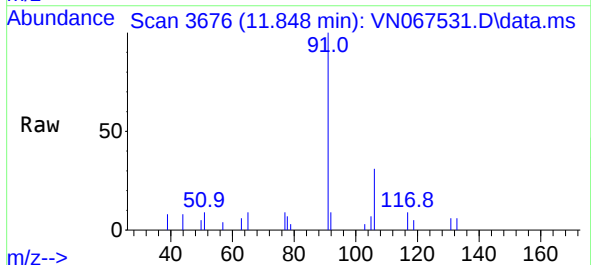
Manual Integrations
APPROVED

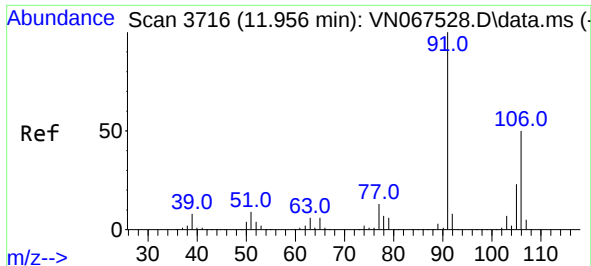
MMDadoda
6/29/2021 6:22:25 PM



#67
Ethyl Benzene
Concen: 0.459 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 91 Resp: 7696
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.0





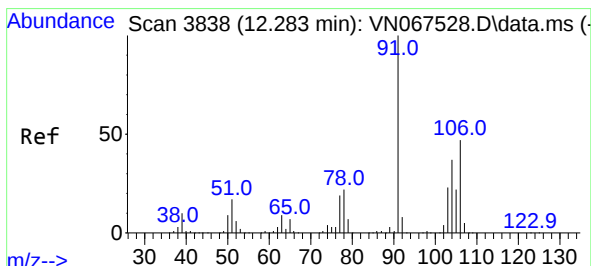
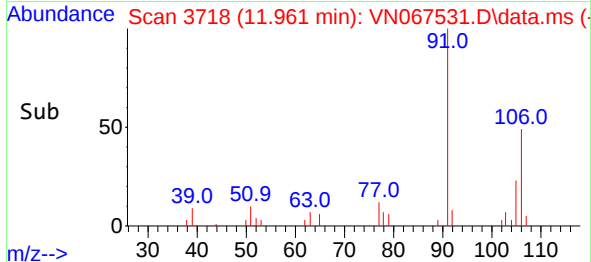
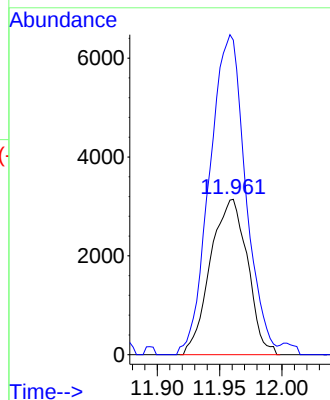
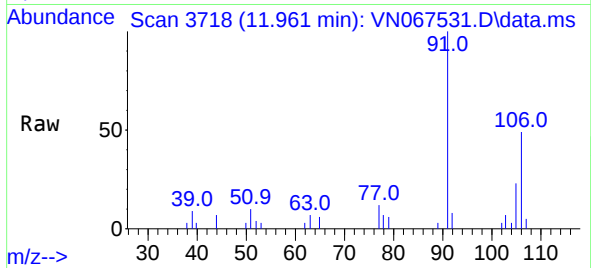
#68
m/p-Xylenes
Concen: 1.009 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion:106 Resp: 6506
Ion Ratio Lower Upper
106 100
91 200.4 180.6 270.8

Instrument :
MSVOA_N
ClientSampleId :
IBLK

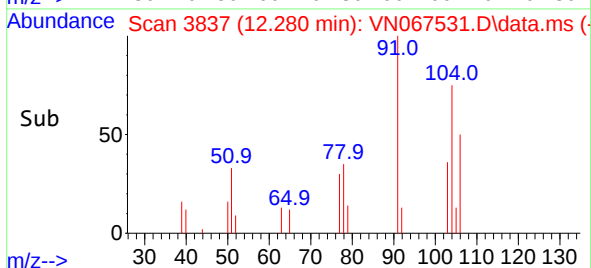
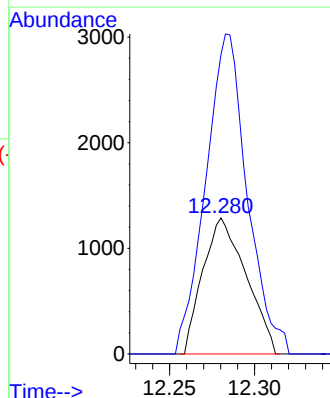
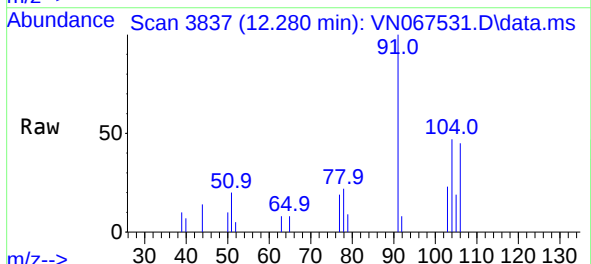
Manual Integrations
APPROVED

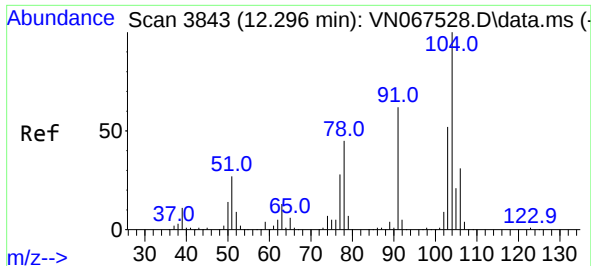
MMDadoda
6/29/2021 6:22:25 PM



#69
o-Xylene
Concen: 0.357 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion:106 Resp: 2282
Ion Ratio Lower Upper
106 100
91 225.6 118.3 354.9





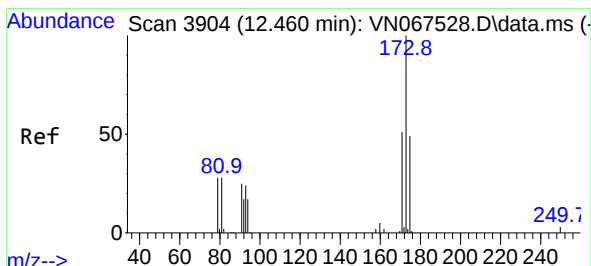
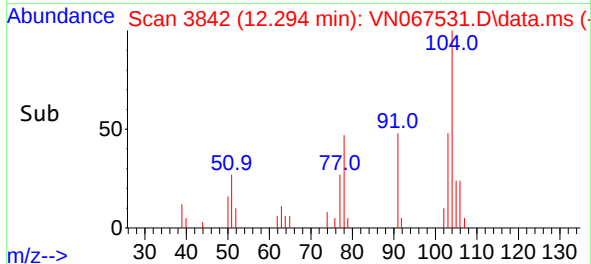
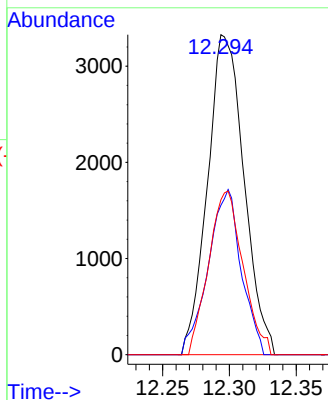
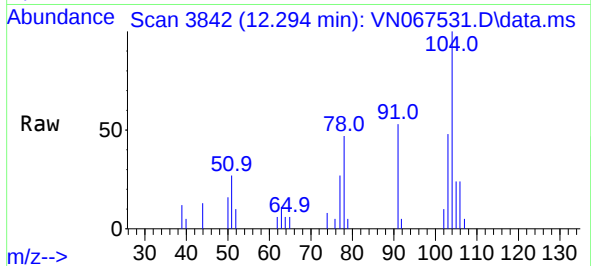
#70
Styrene
Concen: 2.419 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion:104 Resp: 6318
Ion Ratio Lower Upper
104 100
78 46.8 48.2 72.2#
103 48.3 44.5 66.7

Instrument :
MSVOA_N
ClientSampleId :
IBLK

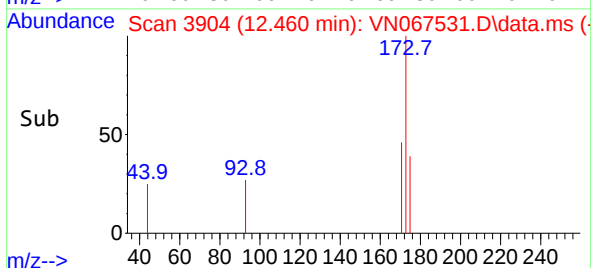
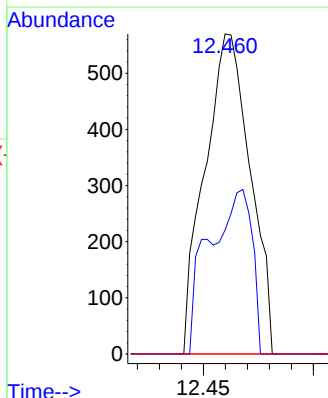
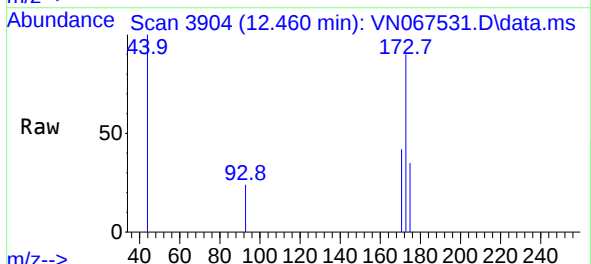
Manual Integrations
APPROVED

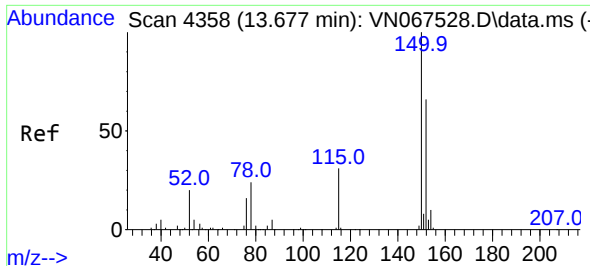
MMDadoda
6/29/2021 6:22:25 PM



#71
Bromoform
Concen: 3.731 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

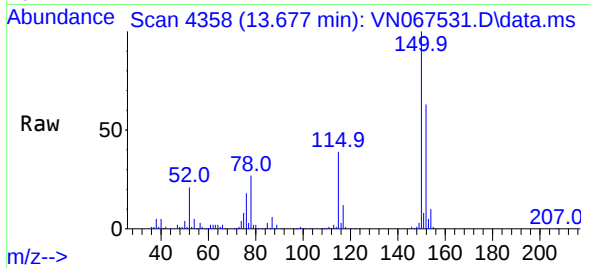
Tgt Ion:173 Resp: 816
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

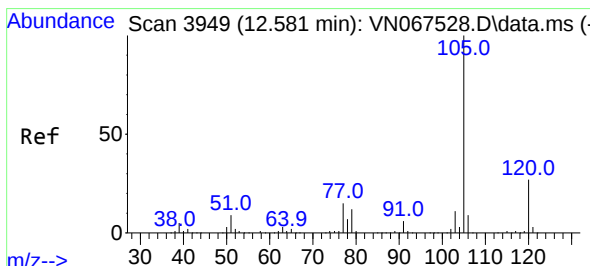
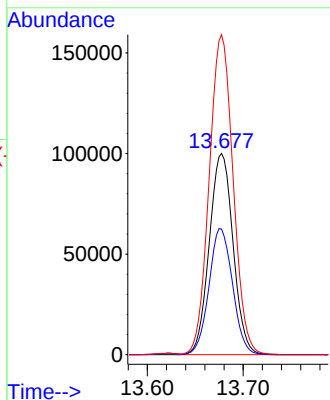
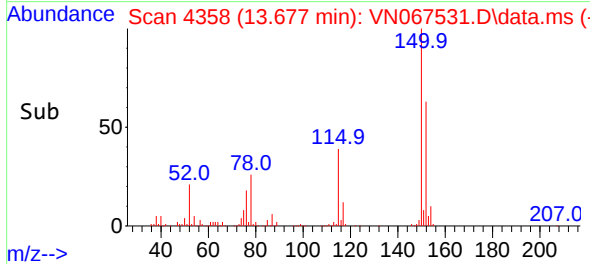
Instrument :
MSVOA_N
ClientSampleId :
IBLK



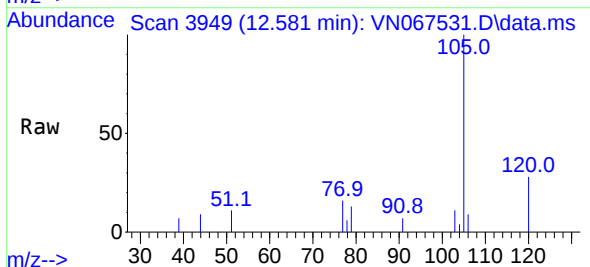
Tgt Ion:152 Resp: 172616
Ion Ratio Lower Upper
152 100
115 62.0 36.1 108.5
150 159.6 0.0 351.8

Manual Integrations
APPROVED

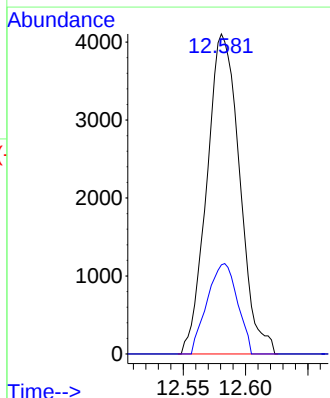
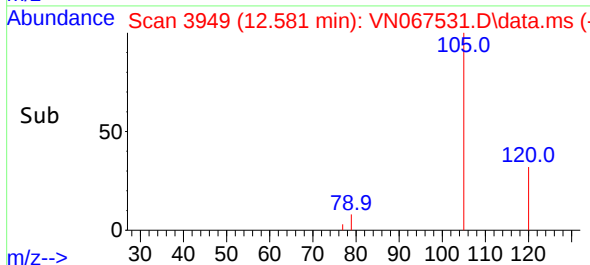
MMDadoda
6/29/2021 6:22:25 PM

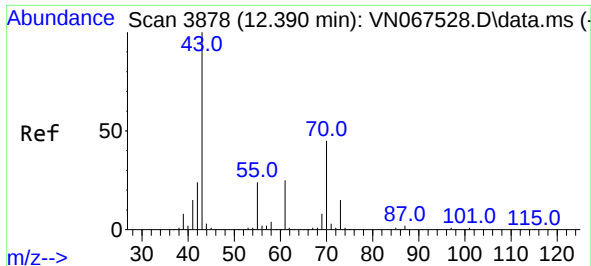


#73
Isopropylbenzene
Concen: 0.517 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



Tgt Ion:105 Resp: 7500
Ion Ratio Lower Upper
105 100
120 26.0 12.5 37.5





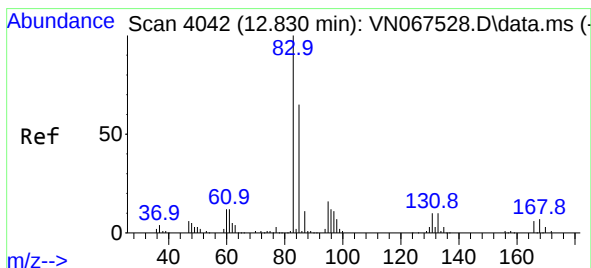
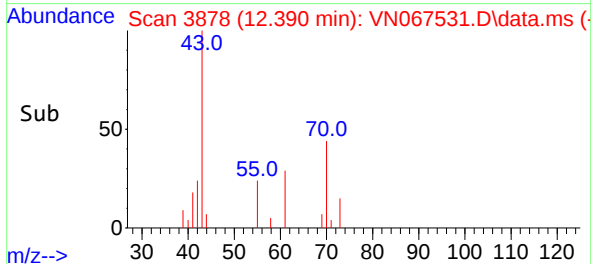
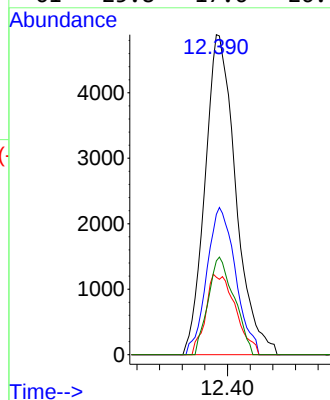
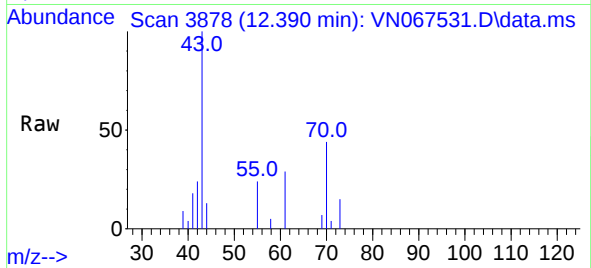
#74
N-amy1 acetate
Concen: 1.932 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion:	43	Resp:	9197
Ion	Ratio	Lower	Upper
43	100		
70	43.1	29.4	44.2
55	24.2	17.0	25.4
61	25.8	17.6	26.4

Instrument :
MSVOA_N
ClientSampleId :
IBLK

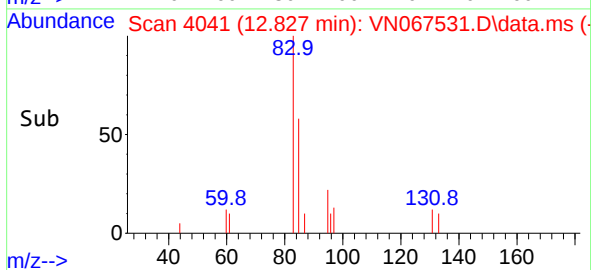
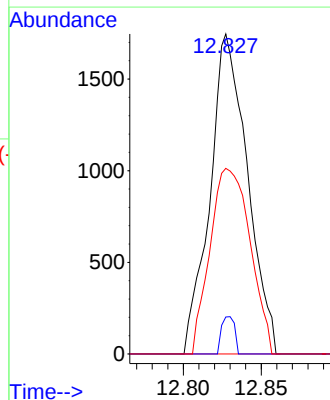
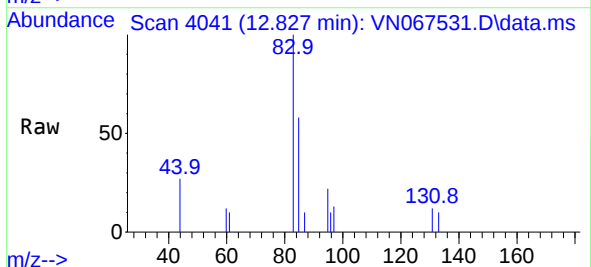
Manual Integrations
APPROVED

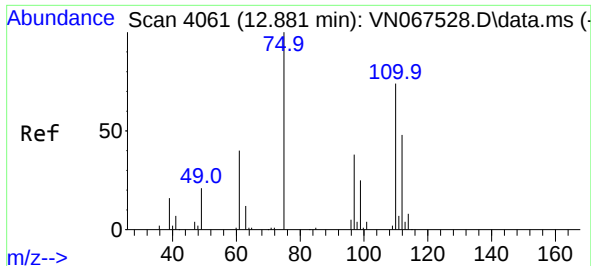
MMDadoda
6/29/2021 6:22:25 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 0.710 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion:	83	Resp:	2922
Ion	Ratio	Lower	Upper
83	100		
131	4.0	4.8	14.4#
85	62.1	32.2	96.6





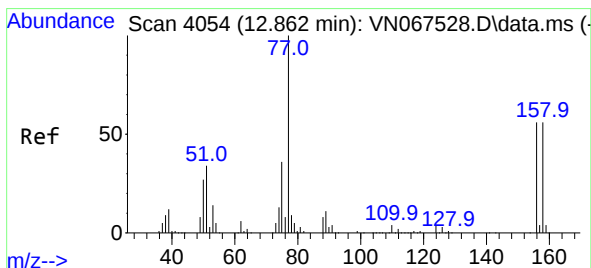
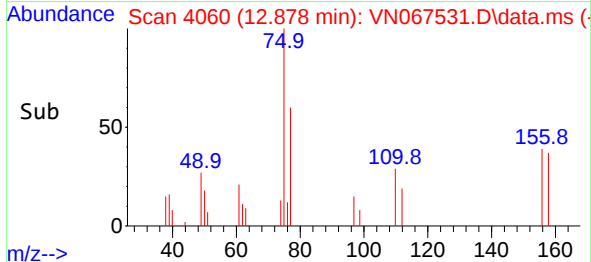
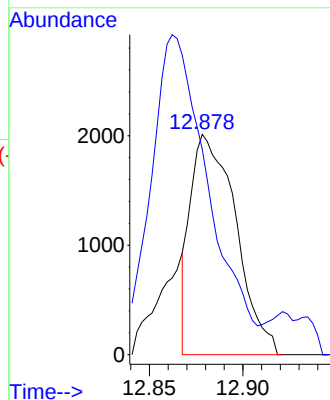
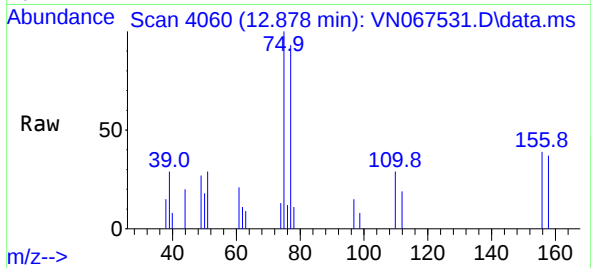
#76
1,2,3-Trichloropropane
Concen: 0.974 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 75 Resp: 3371
Ion Ratio Lower Upper
75 100
77 186.2 0.0 0.0#

Instrument :
MSVOA_N
ClientSampled :
IBLK

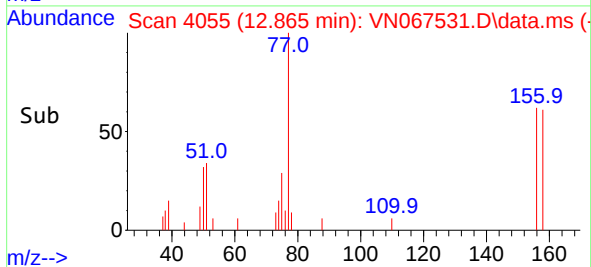
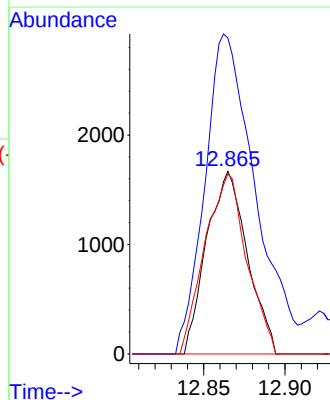
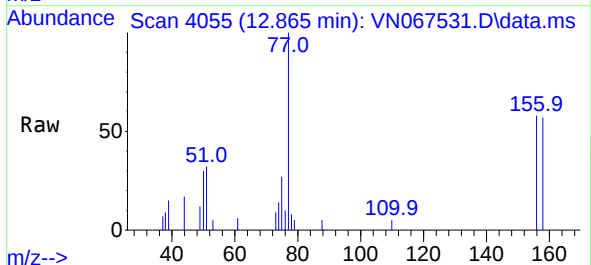
Manual Integrations
APPROVED

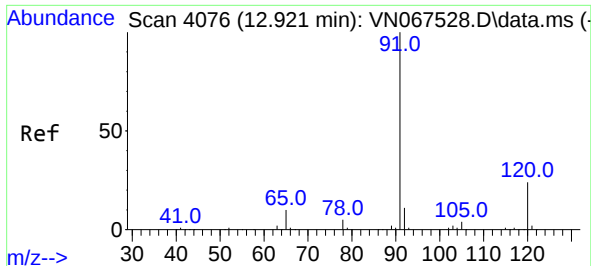
MMDadoda
6/29/2021 6:22:25 PM



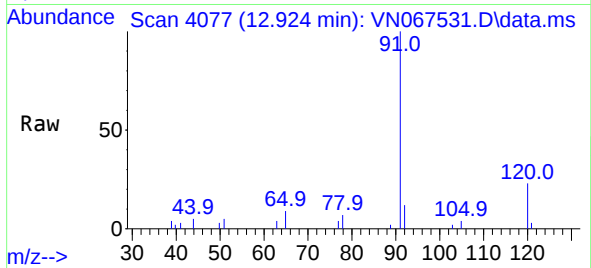
#77
Bromobenzene
Concen: 0.902 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion: 156 Resp: 2906
Ion Ratio Lower Upper
156 100
77 216.0 136.2 408.6
158 101.4 48.4 145.3

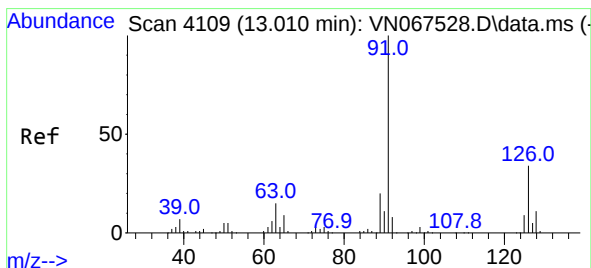
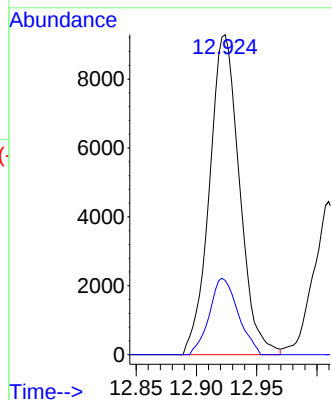
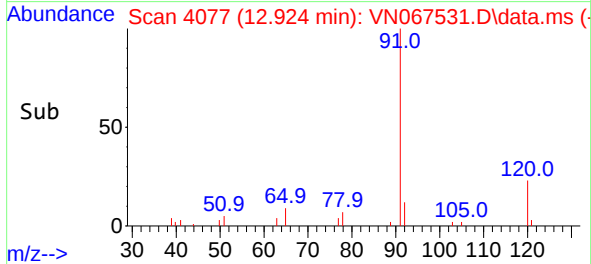




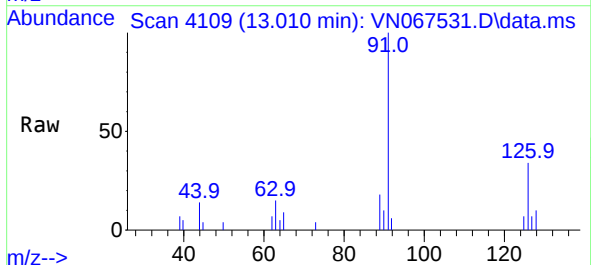
#78
n-propylbenzene
Concen: 0.997 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



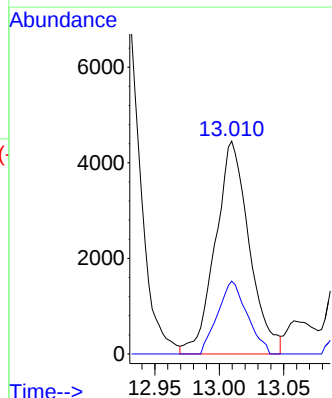
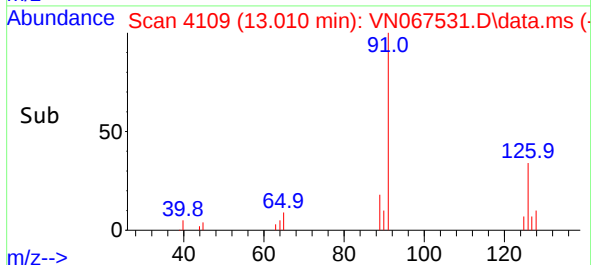
Tgt Ion: 91 Resp: 16123
Ion Ratio Lower Upper
91 100
120 22.8 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.822 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



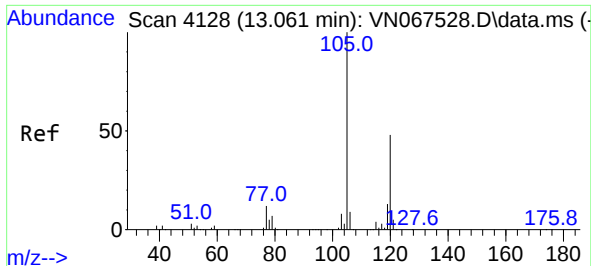
Tgt Ion: 91 Resp: 8124
Ion Ratio Lower Upper
91 100
126 29.7 14.5 43.5



Instrument :
MSVOA_N
ClientSampled :
IBLK

Manual Integrations
APPROVED

MMDadoda
6/29/2021 6:22:25 PM



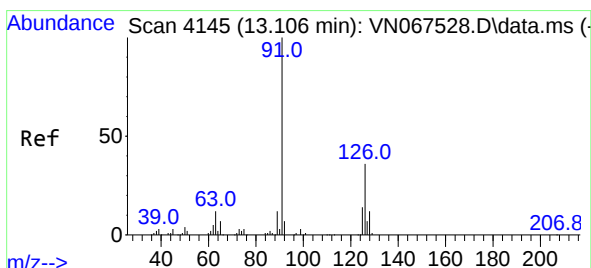
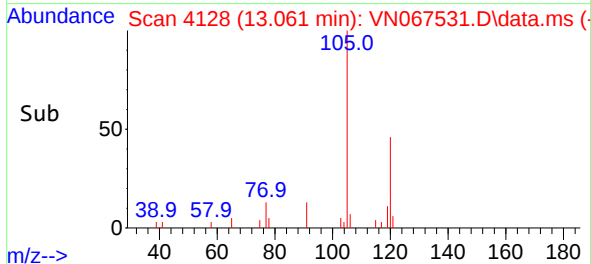
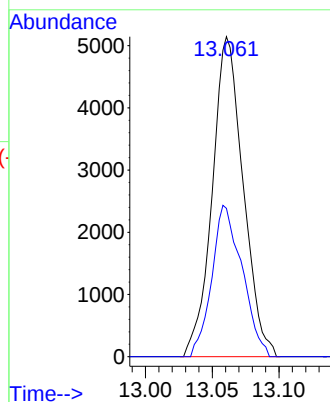
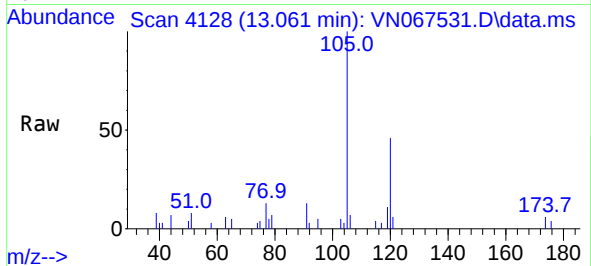
#80
1,3,5-Trimethylbenzene
Concen: 0.696 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 8274
Ion Ratio Lower Upper
105 100
120 46.4 22.2 66.6

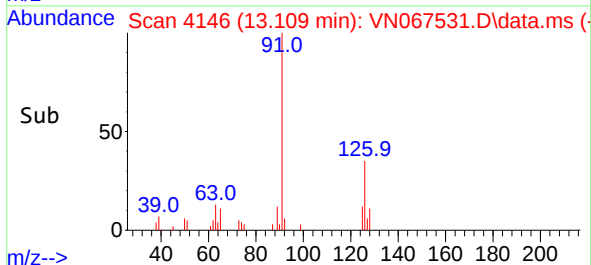
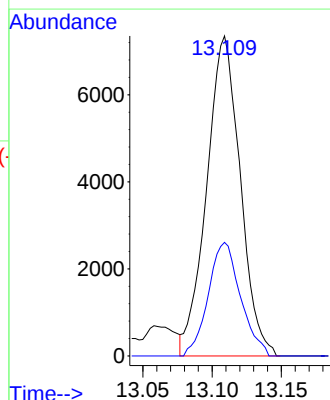
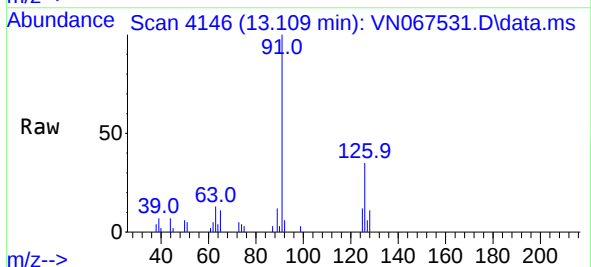
Manual Integrations
APPROVED

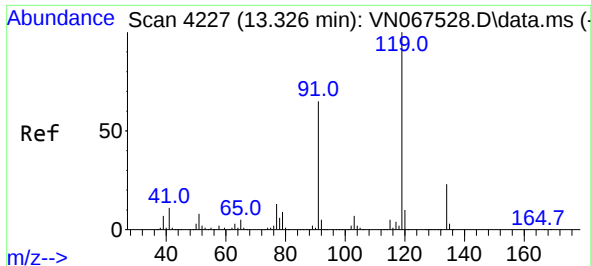
MMDadoda
6/29/2021 6:22:25 PM



#82
4-Chlorotoluene
Concen: 1.284 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

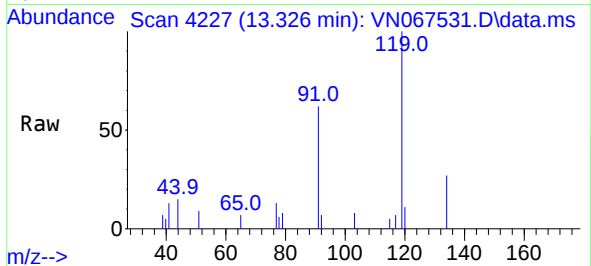
Tgt Ion: 91 Resp: 12400
Ion Ratio Lower Upper
91 100
126 34.1 14.8 44.4





#83
tert-Butylbenzene
Concen: 0.611 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

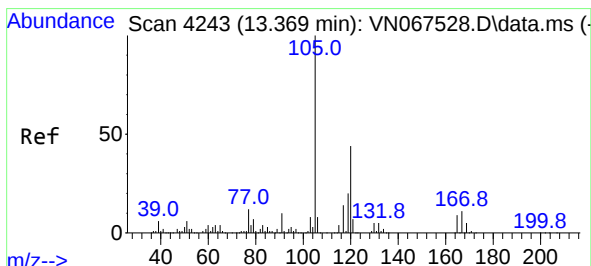
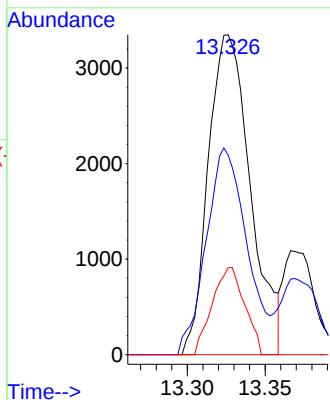
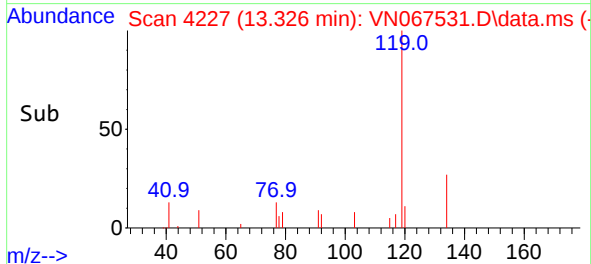
Instrument :
MSVOA_N
ClientSampleId :
IBLK



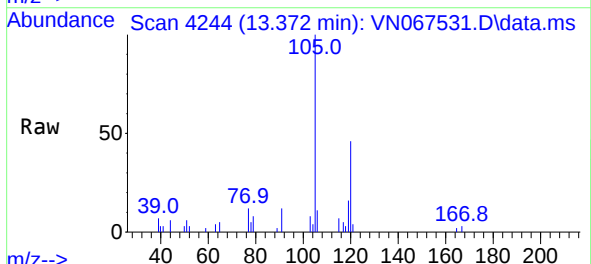
Tgt Ion:119 Resp: 6304
Ion Ratio Lower Upper
119 100
91 62.1 39.5 118.5
134 21.0 12.0 36.0

Manual Integrations
APPROVED

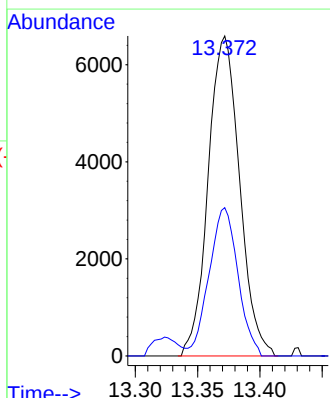
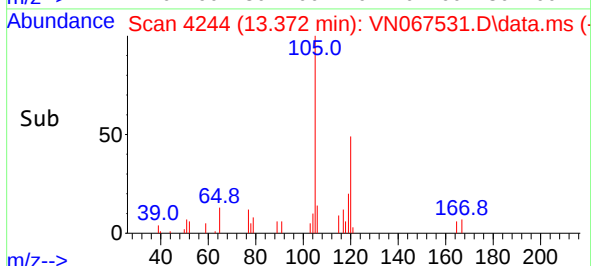
MMDadoda
6/29/2021 6:22:25 PM

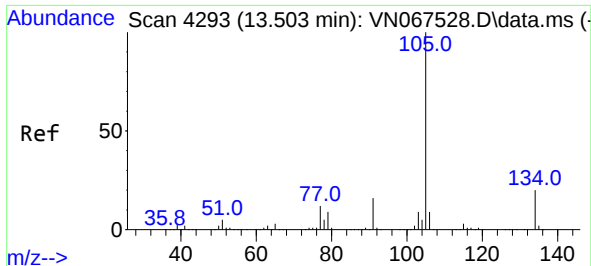


#84
1,2,4-Trimethylbenzene
Concen: 0.987 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



Tgt Ion:105 Resp: 11556
Ion Ratio Lower Upper
105 100
120 42.5 20.6 61.8





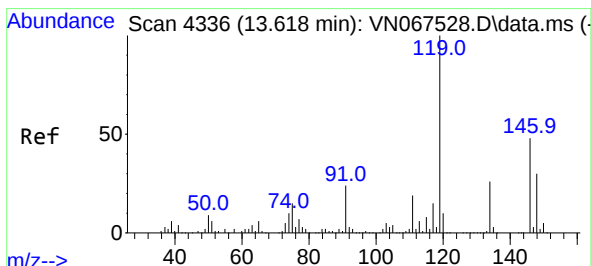
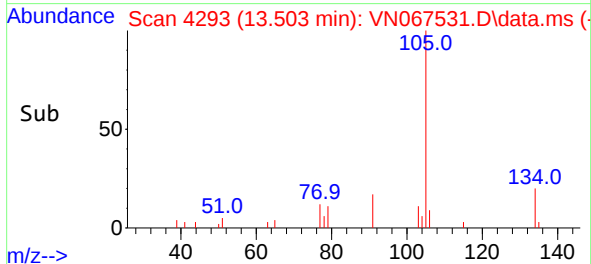
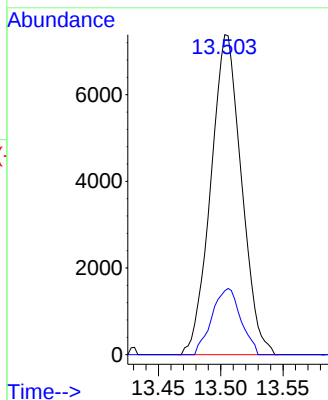
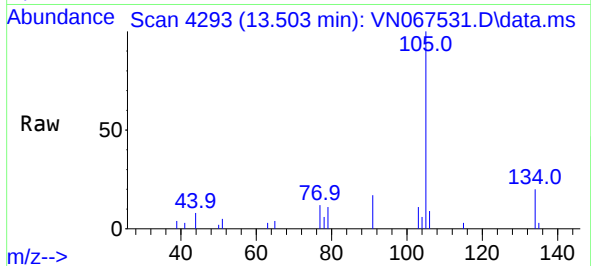
#85
 sec-Butylbenzene
 Concen: 0.892 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067531.D
 Acq: 28 Jun 2021 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:105 Resp: 12655
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.0 27.1

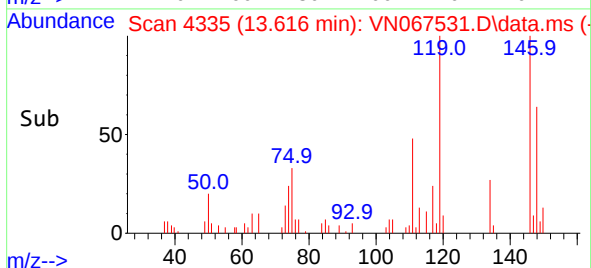
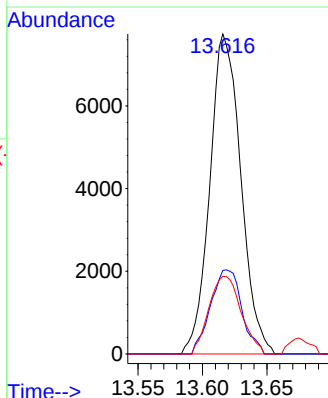
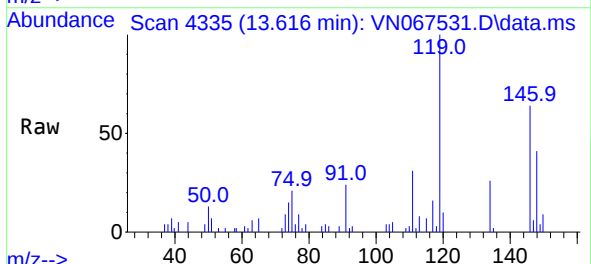
Manual Integrations
 APPROVED

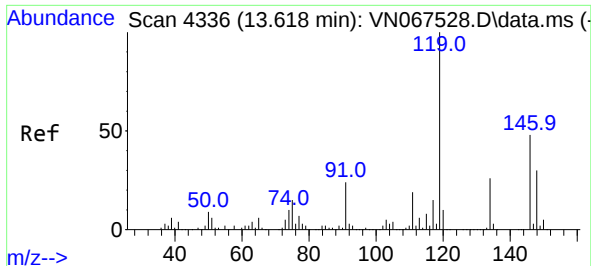
MMDadoda
 6/29/2021 6:22:25 PM



#86
 p-Isopropyltoluene
 Concen: 1.134 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN067531.D
 Acq: 28 Jun 2021 14:16

Tgt Ion:119 Resp: 12947
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.4 37.4
 91 25.1 14.8 44.3





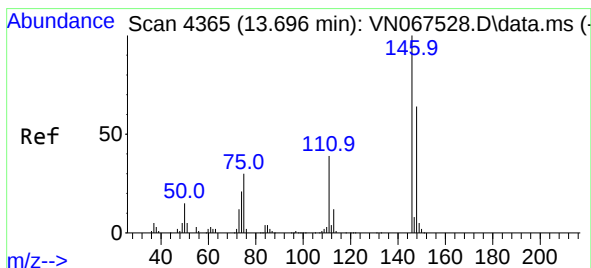
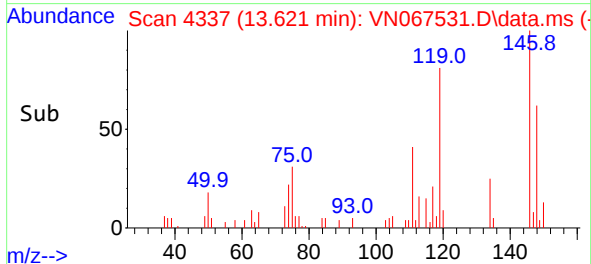
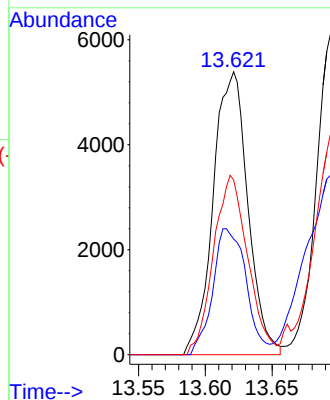
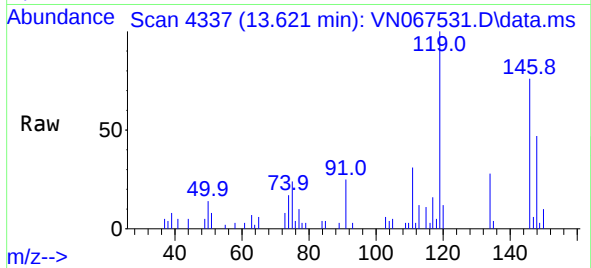
#87
1,3-Dichlorobenzene
Concen: 1.632 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

Tgt Ion:146 Resp: 9732
Ion Ratio Lower Upper
146 100
111 42.8 24.3 72.8
148 62.6 32.0 96.0

Instrument :
MSVOA_N
ClientSampled :
IBLK

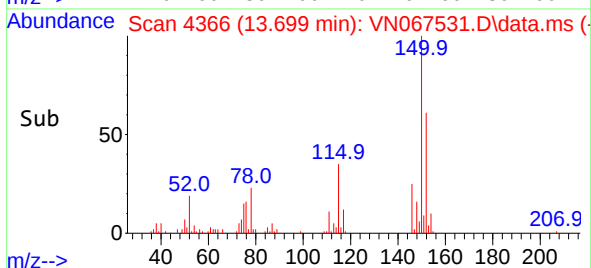
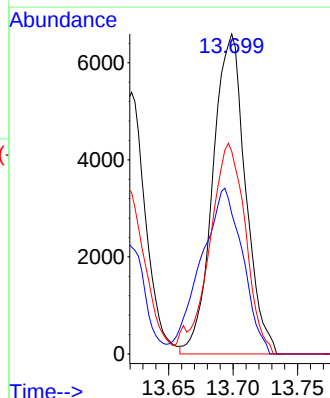
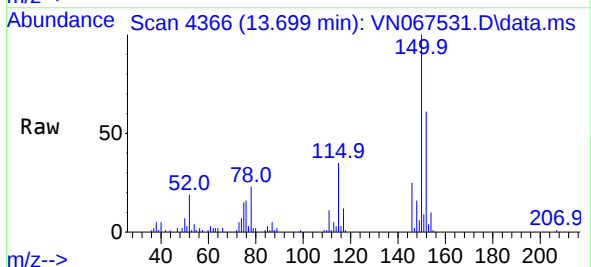
Manual Integrations
APPROVED

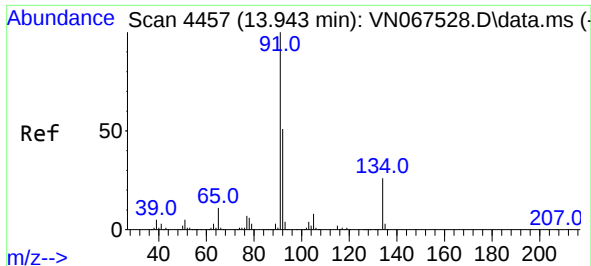
MMDadoda
6/29/2021 6:22:25 PM



#88
1,4-Dichlorobenzene
Concen: 1.970 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

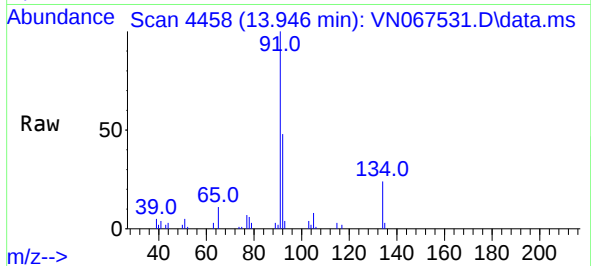
Tgt Ion:146 Resp: 11608
Ion Ratio Lower Upper
146 100
111 66.3 23.4 70.2
148 70.4 31.8 95.3





#89
n-Butylbenzene
Concen: 2.472 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

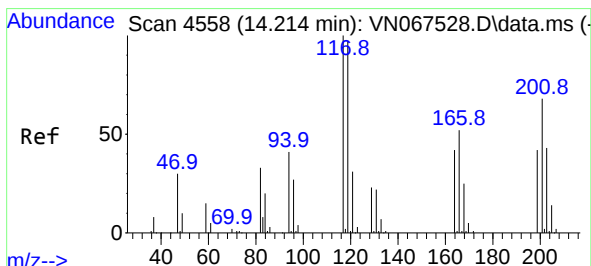
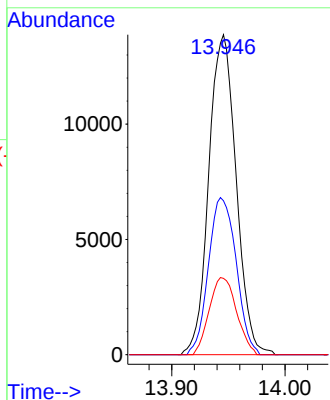
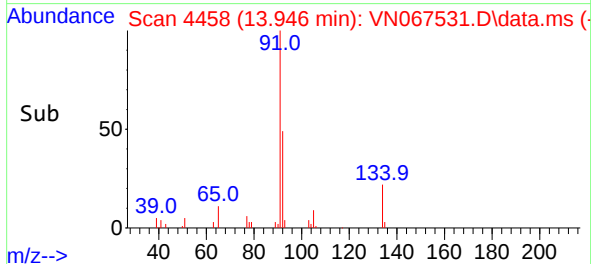
Instrument :
MSVOA_N
ClientSampled :
IBLK



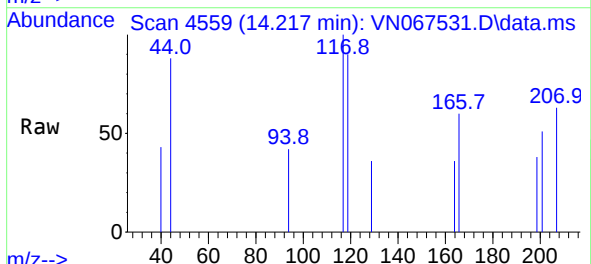
Tgt Ion: 91 Resp: 23267
Ion Ratio Lower Upper
91 100
92 49.9 25.7 77.1
134 24.1 11.2 33.6

Manual Integrations
APPROVED

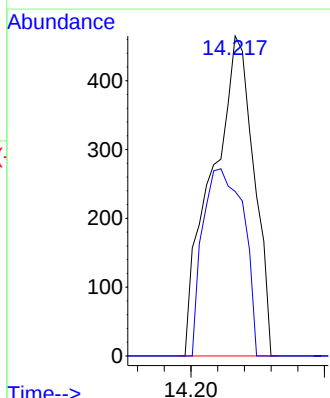
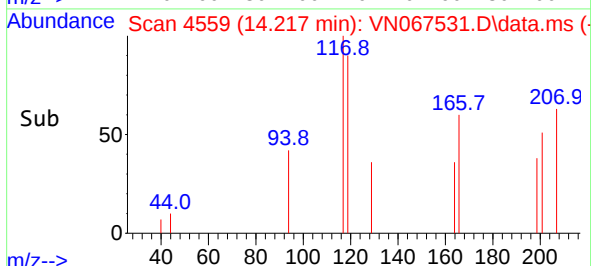
MMDadoda
6/29/2021 6:22:25 PM

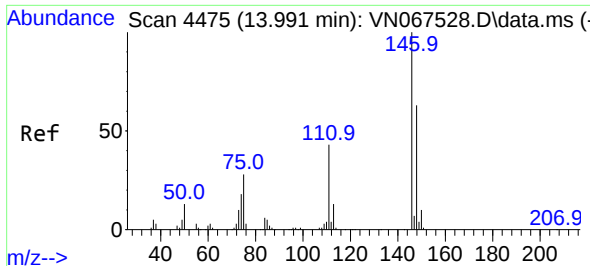


#90
Hexachloroethane
Concen: 0.253 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.003 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

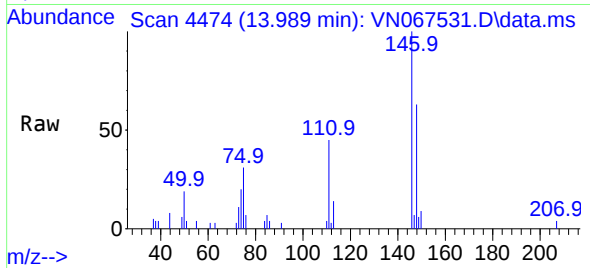


Tgt Ion: 117 Resp: 509
Ion Ratio Lower Upper
117 100
201 56.6 33.5 100.5

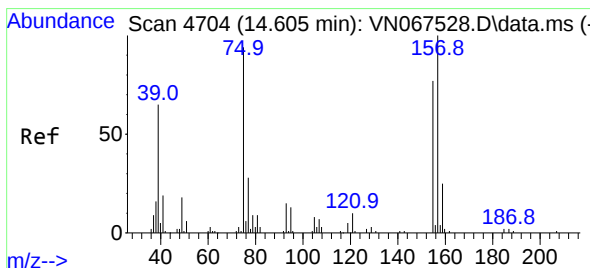
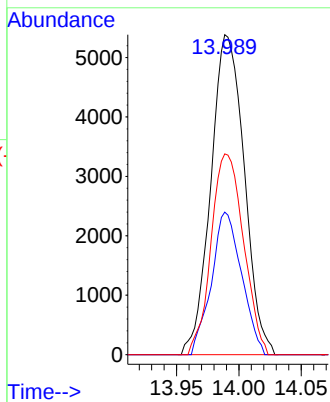
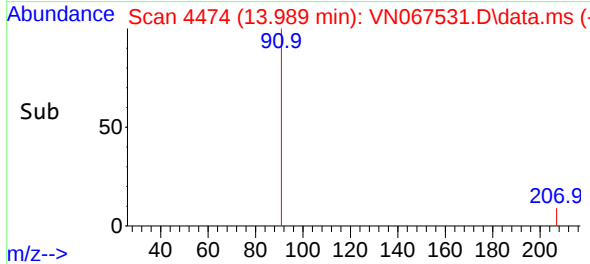




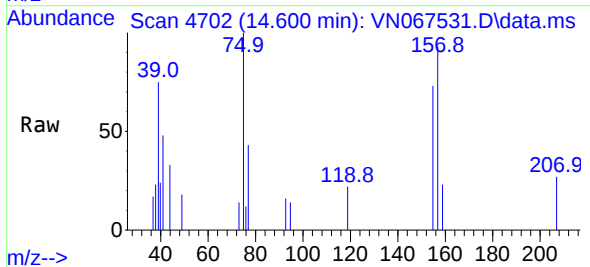
#91
1,2-Dichlorobenzene
Concen: 1.768 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



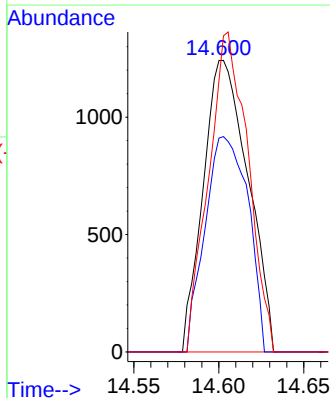
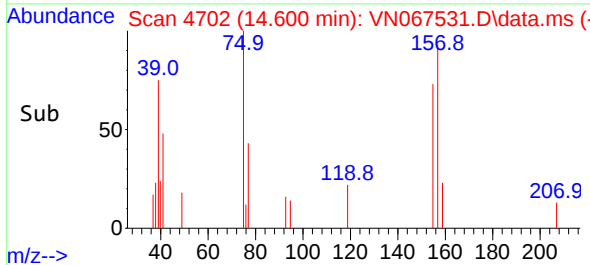
Tgt Ion:146 Resp: 10042
Ion Ratio Lower Upper
146 100
111 40.3 24.9 74.6
148 60.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.167 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.005 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



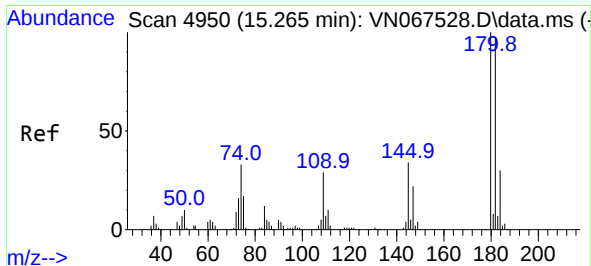
Tgt Ion: 75 Resp: 2281
Ion Ratio Lower Upper
75 100
155 70.8 29.8 89.5
157 96.2 37.6 112.8



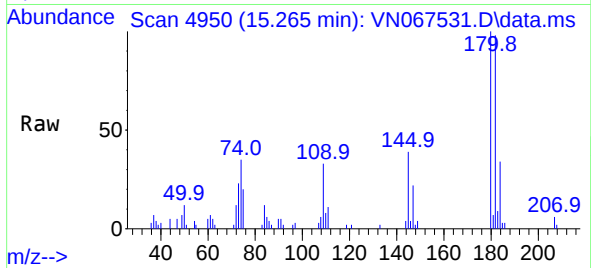
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Manual Integrations
APPROVED

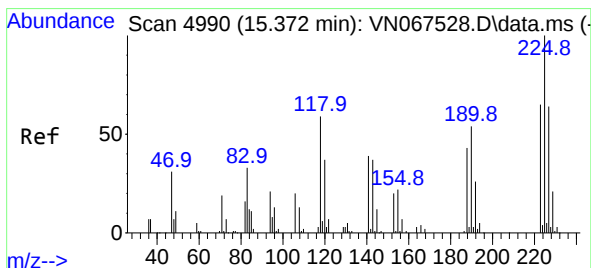
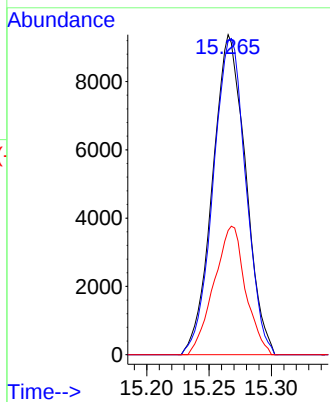
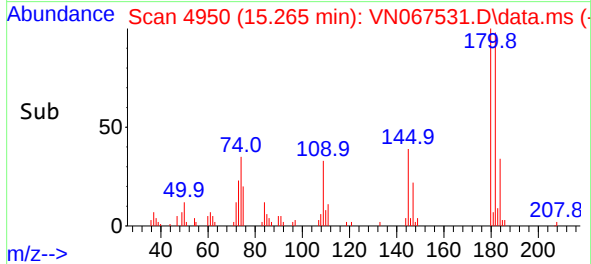
MMDadoda
6/29/2021 6:22:25 PM



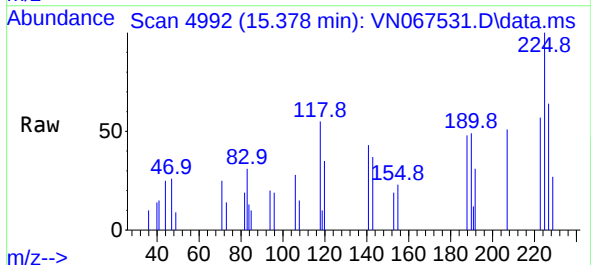
#93
1,2,4-Trichlorobenzene
Concen: 6.910 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



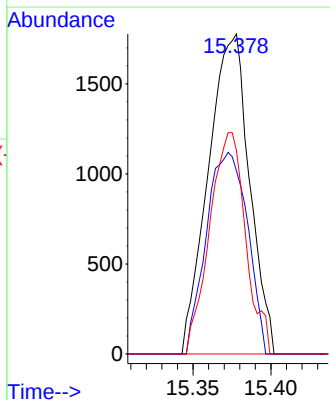
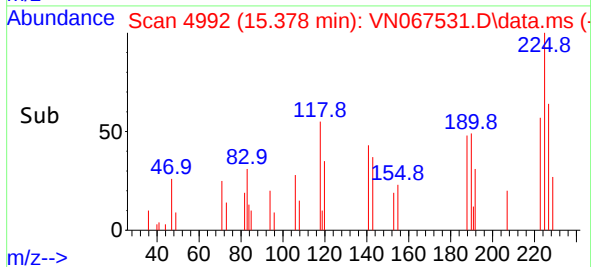
Tgt Ion:180 Resp: 17279
Ion Ratio Lower Upper
180 100
182 97.0 47.5 142.5
145 38.4 17.2 51.6



#94
Hexachlorobutadiene
Concen: 2.964 ug/l
RT: 15.378 min Scan# 4992
Delta R.T. 0.006 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



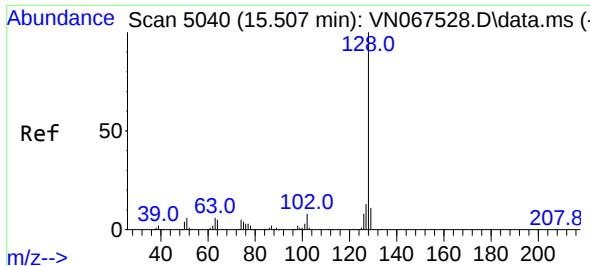
Tgt Ion:225 Resp: 3267
Ion Ratio Lower Upper
225 100
223 63.0 31.4 94.0
227 60.5 31.2 93.6



Instrument :
MSVOA_N
ClientSampleId :
IBLK

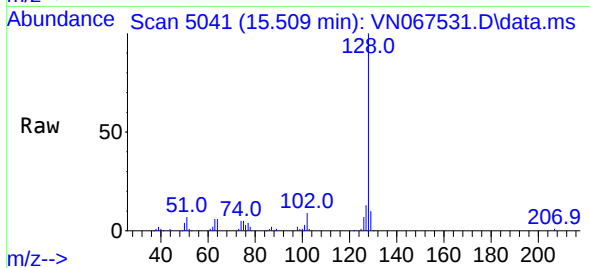
Manual Integrations
APPROVED

MMDadoda
6/29/2021 6:22:25 PM



#95
Naphthalene
Concen: 15.913 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16

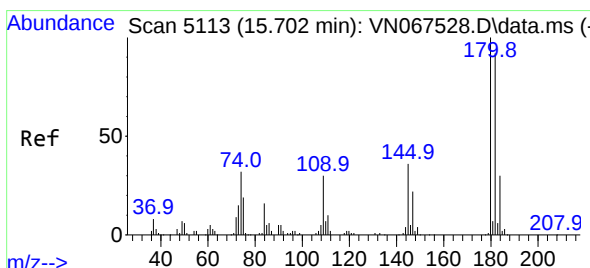
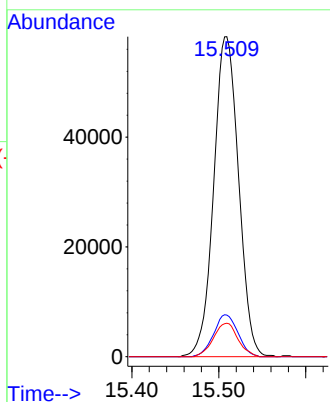
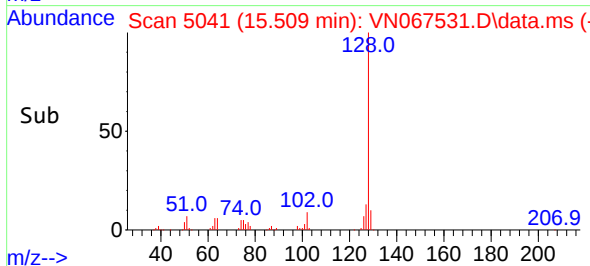
Instrument :
MSVOA_N
ClientSampleId :
IBLK



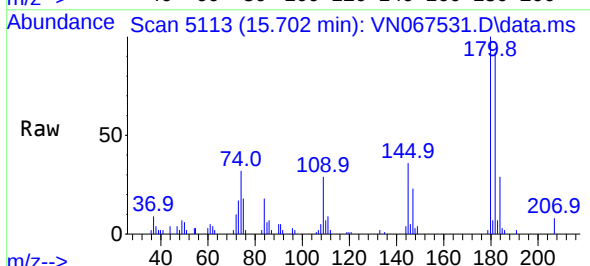
Tgt Ion:128 Resp: 115728
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.3 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
6/29/2021 6:22:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 9.634 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067531.D
Acq: 28 Jun 2021 14:16



Tgt Ion:180 Resp: 23581
Ion Ratio Lower Upper
180 100
182 91.7 47.8 143.3
145 35.7 18.2 54.6

