

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067893.D
 Acq On : 23 Jul 2021 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:22:34 PM

Quant Time: Jul 24 01:44:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	346023	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	652588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	625160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	314534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	282495	54.020	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.040%	
35) Dibromofluoromethane	8.021	113	213902	54.252	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.500%	
50) Toluene-d8	10.443	98	866491	52.504	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	12.734	95	317280	54.422	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	145338	49.416	ug/l	98
3) Chloromethane	2.301	50	193164	41.467	ug/l	98
4) Vinyl Chloride	2.443	62	325380	46.282	ug/l	98
5) Bromomethane	2.826	94	272525	57.777	ug/l	97
6) Chloroethane	3.003	64	267994	58.191	ug/l	98
7) Trichlorofluoromethane	3.365	101	623426	58.916	ug/l	99
8) Diethyl Ether	3.821	74	115904	41.414	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	175608	54.760	ug/l	96
10) Methyl Iodide	4.414	142	212049	55.508	ug/l	92
11) Tert butyl alcohol	5.390	59	179180	238.438	ug/l	99
12) 1,1-Dichloroethene	4.173	96	163859	53.257	ug/l	86
13) Acrolein	4.039	56	105995	290.000	ug/l	99
14) Allyl chloride	4.835	41	287958	50.914	ug/l	96
15) Acrylonitrile	5.557	53	518978	278.439	ug/l	100
16) Acetone	4.288	43	423163	257.164	ug/l	95
17) Carbon Disulfide	4.521	76	405157	47.539	ug/l	98
18) Methyl Acetate	4.857	43	260156	56.288	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	694041	54.436	ug/l	99
20) Methylene Chloride	5.090	84	219621	57.274	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	193170	53.103	ug/l	91
22) Diisopropyl ether	6.501	45	710934	55.394	ug/l	96
23) Vinyl Acetate	6.436	43	2985517	272.095	ug/l	96
24) 1,1-Dichloroethane	6.388	63	387969	54.226	ug/l	99
25) 2-Butanone	7.337	43	720670	263.749	ug/l	94
26) 2,2-Dichloropropane	7.327	77	293898	47.004	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	246872	54.231	ug/l	85
28) Bromochloromethane	7.657	49	175759	50.343	ug/l	# 78
29) Tetrahydrofuran	7.689	42	478029	266.033	ug/l	91
30) Chloroform	7.817	83	443854	55.230	ug/l	98
31) Cyclohexane	8.094	56	332810	45.388	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	385484	55.317	ug/l	98
36) 1,1-Dichloropropene	8.222	75	306960	50.638	ug/l	95
37) Ethyl Acetate	7.415	43	298919	50.893	ug/l	98
38) Carbon Tetrachloride	8.206	117	328084	54.869	ug/l	98
39) Methylcyclohexane	9.462	83	334056	50.338	ug/l	91
40) Benzene	8.461	78	952182	52.476	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067893.D
 Acq On : 23 Jul 2021 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:22:34 PM

Quant Time: Jul 24 01:44:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	150433	49.834	ug/l	92
42) 1,2-Dichloroethane	8.531	62	352447	52.304	ug/l	96
43) Isopropyl Acetate	8.566	43	546327	52.878	ug/l	97
44) Trichloroethene	9.217	130	235089	51.051	ug/l	86
45) 1,2-Dichloropropane	9.491	63	245541	53.447	ug/l	99
46) Dibromomethane	9.580	93	177177	54.353	ug/l	96
47) Bromodichloromethane	9.765	83	351101	55.094	ug/l	96
48) Methyl methacrylate	9.563	41	235158	51.461	ug/l	89
49) 1,4-Dioxane	9.571	88	83244	918.338	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	1704805	268.587	ug/l	95
52) Toluene	10.507	92	643089	54.104	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	369245	48.672	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	382902	54.028	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	255275	56.041	ug/l	96
56) Ethyl methacrylate	10.762	69	390101	55.588	ug/l	91
57) 1,3-Dichloropropane	11.047	76	421138	53.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	424800	228.561	ug/l	92
59) 2-Hexanone	11.089	43	1224231	276.318	ug/l	94
60) Dibromochloromethane	11.240	129	272942	48.878	ug/l	98
61) 1,2-Dibromoethane	11.350	107	258373	55.558	ug/l	100
64) Tetrachloroethene	10.980	164	189837	43.019	ug/l	95
65) Chlorobenzene	11.773	112	682063	53.121	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	260301	57.635	ug/l	100
67) Ethyl Benzene	11.848	91	1254911	53.687	ug/l	97
68) m/p-Xylenes	11.956	106	977718	110.593	ug/l	86
69) o-Xylene	12.283	106	477287	54.911	ug/l	89
70) Styrene	12.296	104	818804	58.889	ug/l	93
71) Bromoform	12.460	173	182055	45.733	ug/l #	98
73) Isopropylbenzene	12.581	105	1253495	49.393	ug/l	97
74) N-amyl acetate	12.390	43	475560	51.653	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	392328	53.267	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	317994m	49.506	ug/l	
77) Bromobenzene	12.862	156	284725	50.691	ug/l	77
78) n-propylbenzene	12.924	91	1434332	49.972	ug/l	96
79) 2-Chlorotoluene	13.010	91	867190	50.008	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1071163	52.092	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	104471	52.438	ug/l	95
82) 4-Chlorotoluene	13.106	91	873096	50.881	ug/l	91
83) tert-Butylbenzene	13.326	119	885184	50.477	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1071675	53.189	ug/l	93
85) sec-Butylbenzene	13.503	105	1248566	51.445	ug/l	96
86) p-Isopropyltoluene	13.619	119	1036788	52.938	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	552915	53.063	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	540652	50.678	ug/l	95
89) n-Butylbenzene	13.946	91	828590	49.325	ug/l	98
90) Hexachloroethane	14.211	117	176642	54.306	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	511916	50.895	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	63104	49.330	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	209727	40.561	ug/l	96
94) Hexachlorobutadiene	15.373	225	100465	47.534	ug/l	99
95) Naphthalene	15.509	128	596625	39.420	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	198618	40.097	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
Data File : VN067893.D
Acq On : 23 Jul 2021 20:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

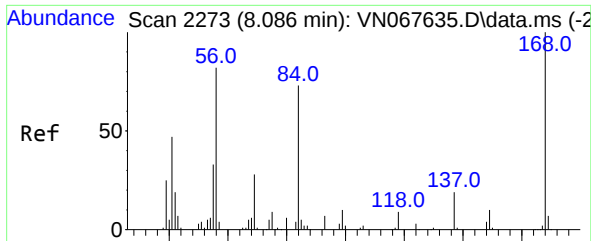
Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM

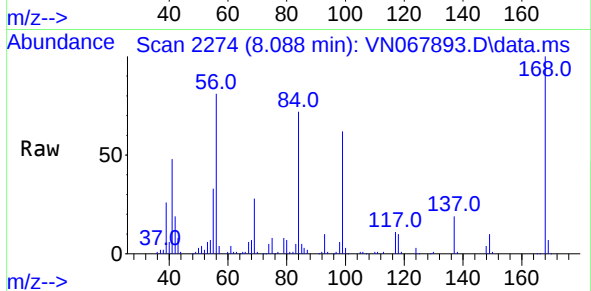
Quant Time: Jul 24 01:44:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

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

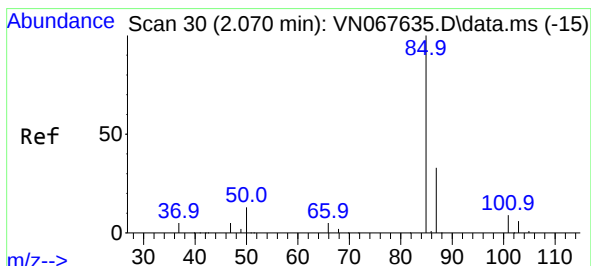
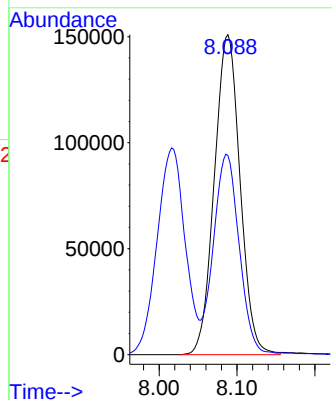
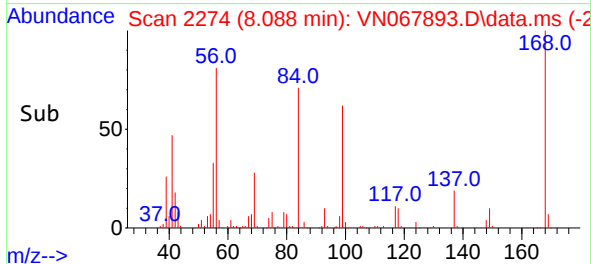
(#) = qualifier out of range (m) = manual integration (+) = signals summed



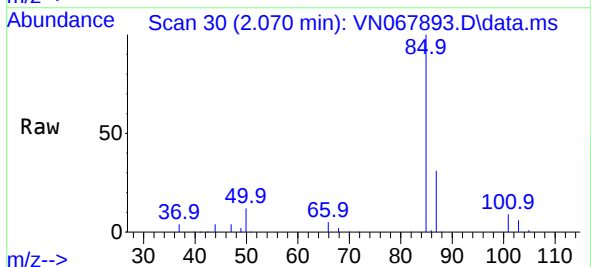
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



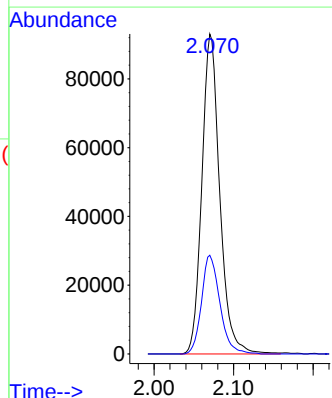
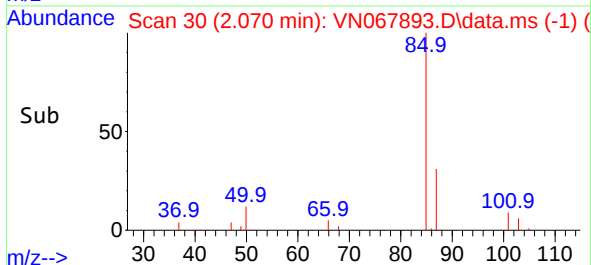
Tgt Ion: 168 Resp: 346023
Ion Ratio Lower Upper
168 100
99 61.7 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: 49.416 ug/l
RT: 2.070 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



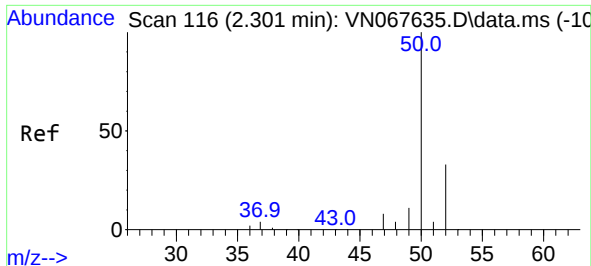
Tgt Ion: 85 Resp: 145338
Ion Ratio Lower Upper
85 100
87 30.8 16.1 48.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM



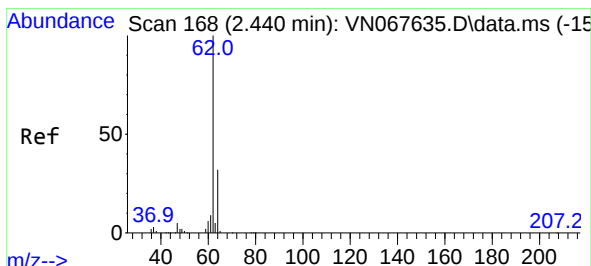
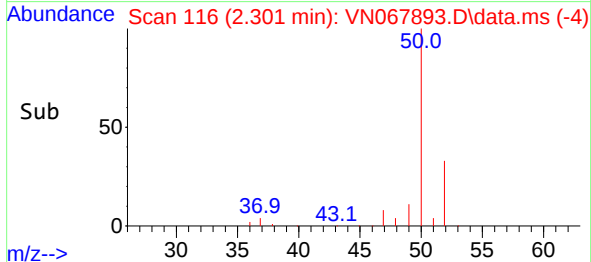
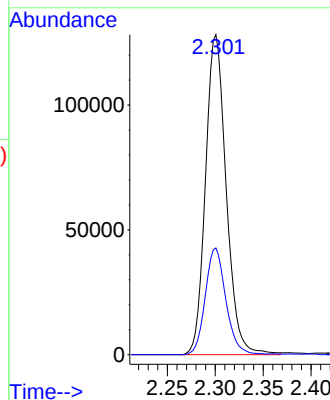
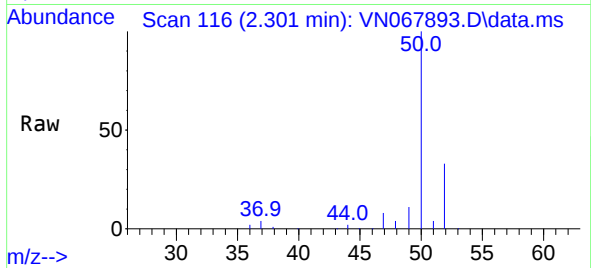
#3
Chloromethane
Concen: 41.467 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 50 Resp: 193164
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

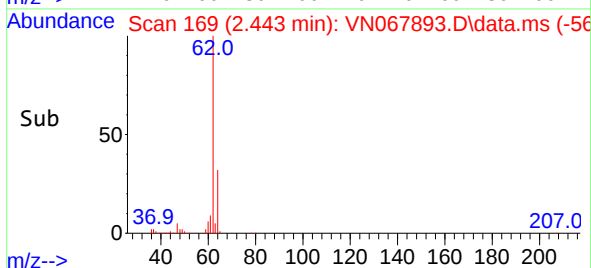
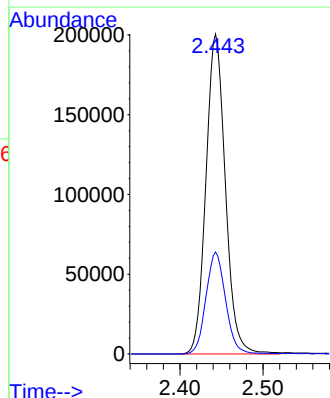
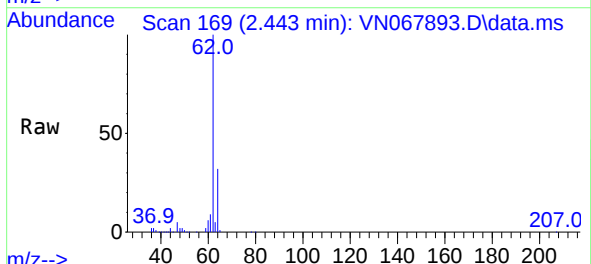
Manual Integrations
APPROVED

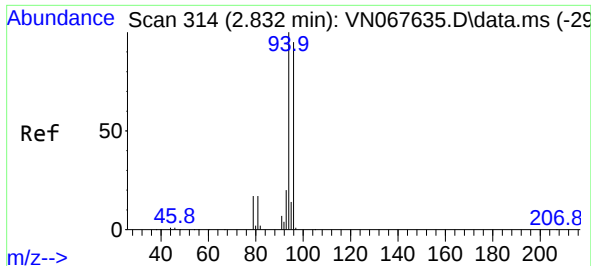
MMDadoda
7/26/2021 5:22:34 PM



#4
Vinyl Chloride
Concen: 46.282 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

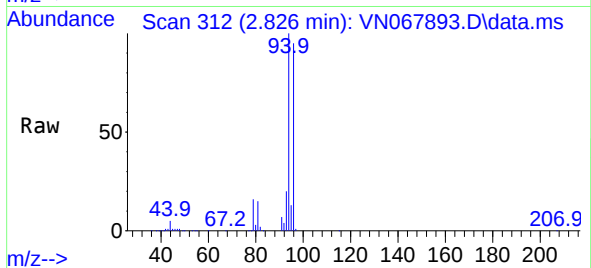
Tgt Ion: 62 Resp: 325380
Ion Ratio Lower Upper
62 100
64 31.8 24.4 36.6





#5
Bromomethane
Concen: 57.777 ug/l
RT: 2.826 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

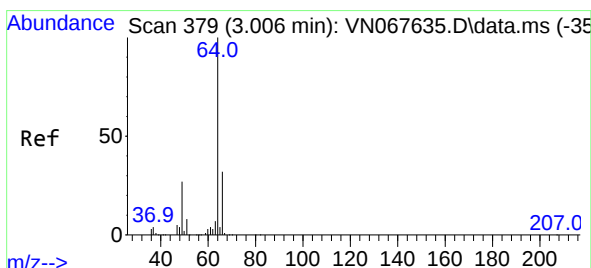
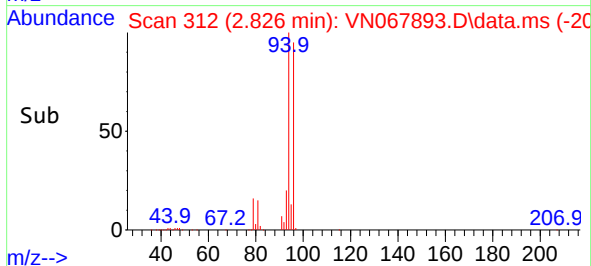
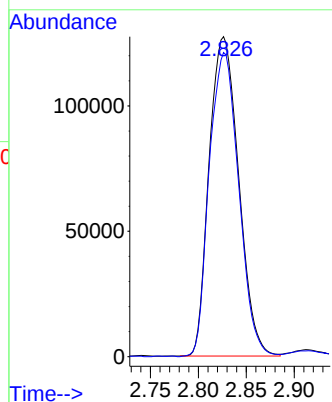
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 272525
Ion Ratio Lower Upper
94 100
96 95.2 73.7 110.5

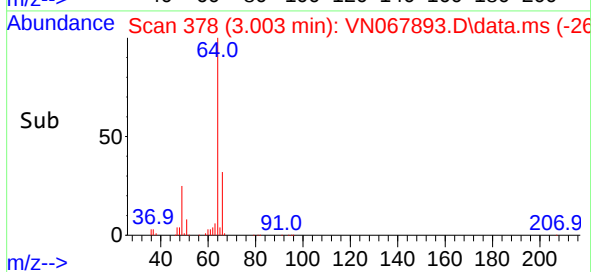
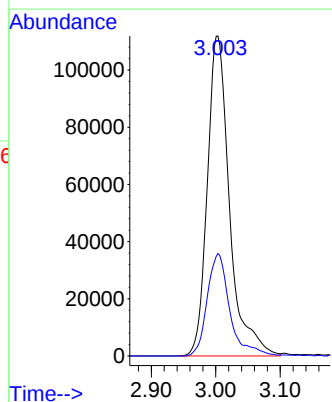
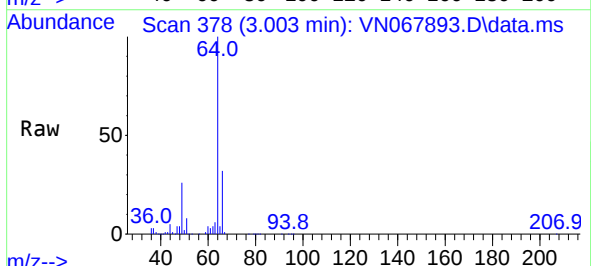
Manual Integrations
APPROVED

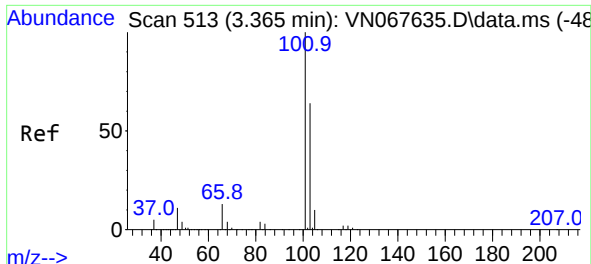
MMDadoda
7/26/2021 5:22:34 PM



#6
Chloroethane
Concen: 58.191 ug/l
RT: 3.003 min Scan# 378
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

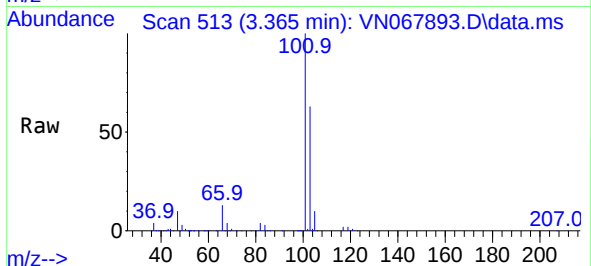
Tgt Ion: 64 Resp: 267994
Ion Ratio Lower Upper
64 100
66 32.0 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 58.916 ug/l
 RT: 3.365 min Scan# 513
 Delta R.T. 0.000 min
 Lab File: VN067893.D
 Acq: 23 Jul 2021 20:33

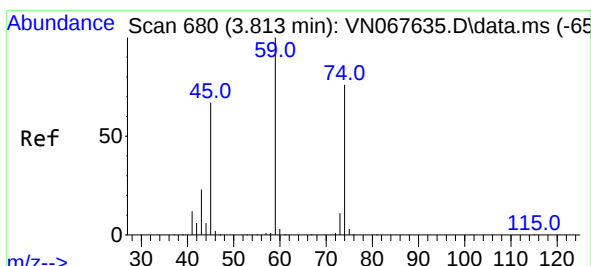
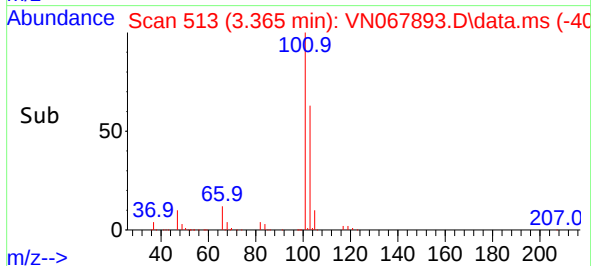
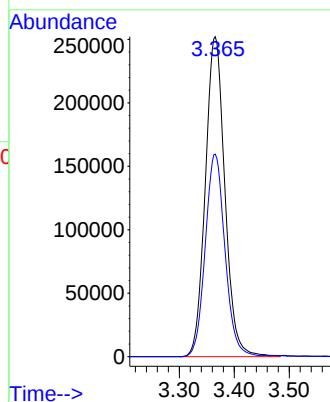
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



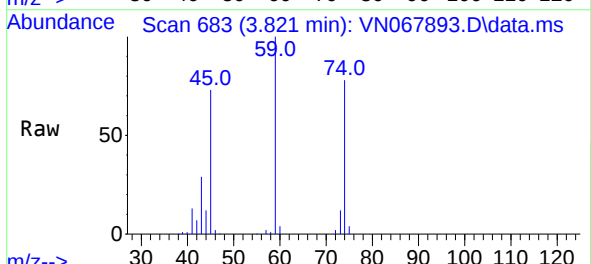
Tgt Ion:101 Resp: 623426
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8

Manual Integrations
 APPROVED

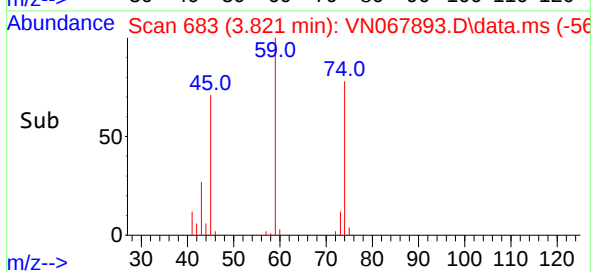
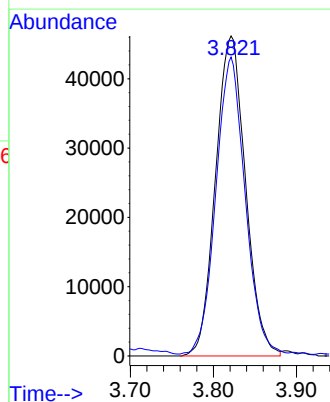
MMDadoda
 7/26/2021 5:22:34 PM

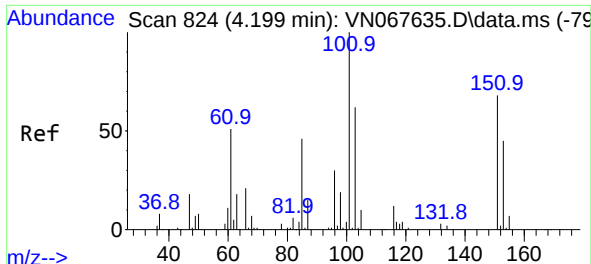


#8
 Diethyl Ether
 Concen: 41.414 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.008 min
 Lab File: VN067893.D
 Acq: 23 Jul 2021 20:33



Tgt Ion: 74 Resp: 115904
 Ion Ratio Lower Upper
 74 100
 45 90.1 50.2 150.7





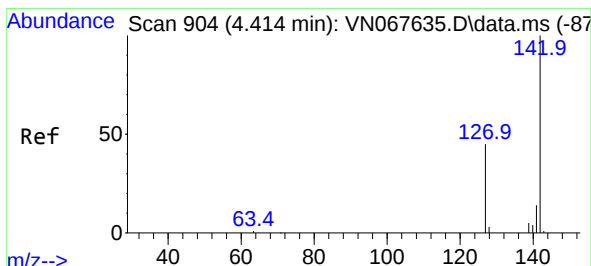
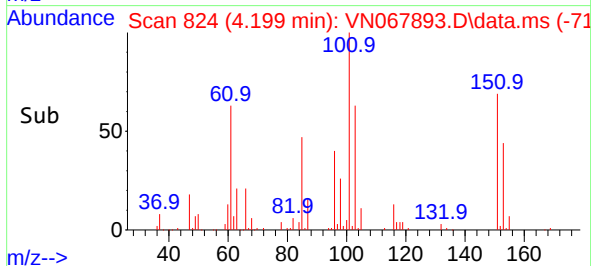
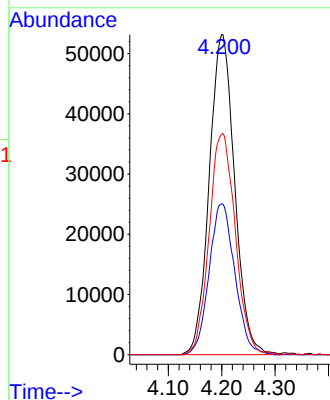
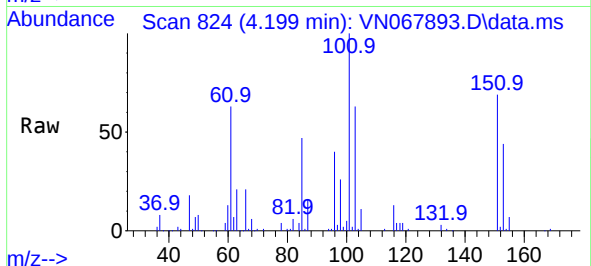
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.760 ug/l
RT: 4.199 min Scan# 824
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion:	101	Resp:	175608
Ion	Ratio	Lower	Upper
101	100		
85	47.8	39.6	59.4
151	71.3	54.1	81.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

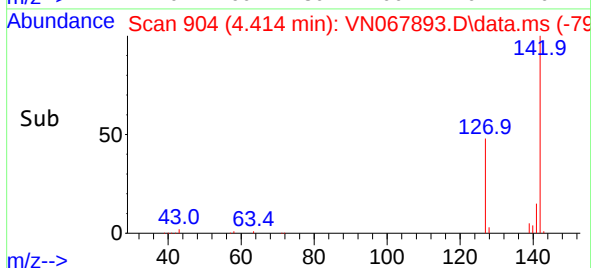
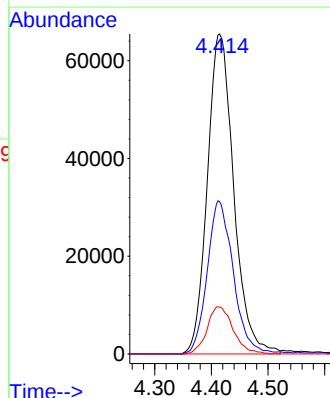
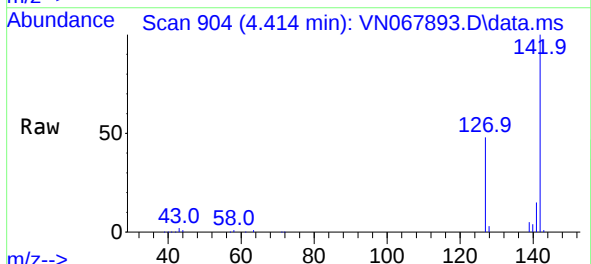
Manual Integrations
APPROVED

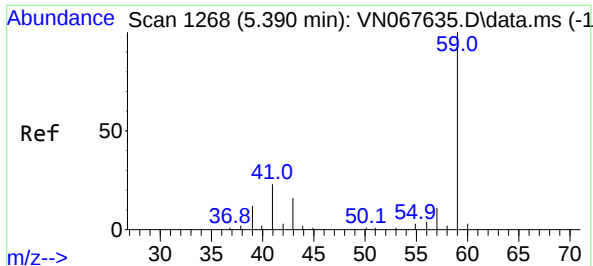
MMDadoda
7/26/2021 5:22:34 PM



#10
Methyl Iodide
Concen: 55.508 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion:	142	Resp:	212049
Ion	Ratio	Lower	Upper
142	100		
127	47.2	43.1	64.7
141	14.6	11.4	17.0





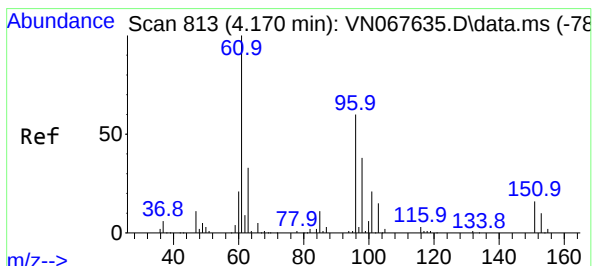
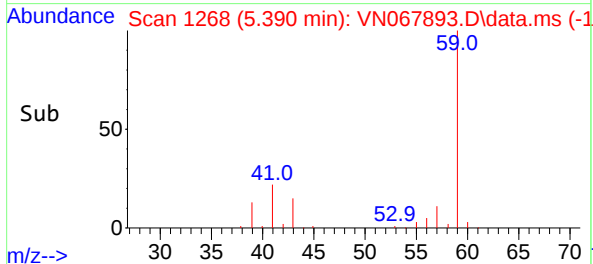
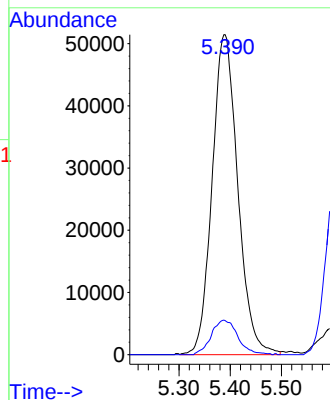
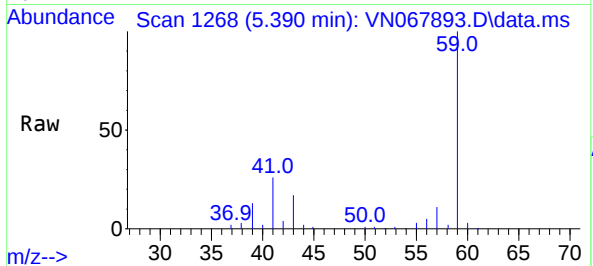
#11
Tert butyl alcohol
Concen: 238.438 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 59 Resp: 179180
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

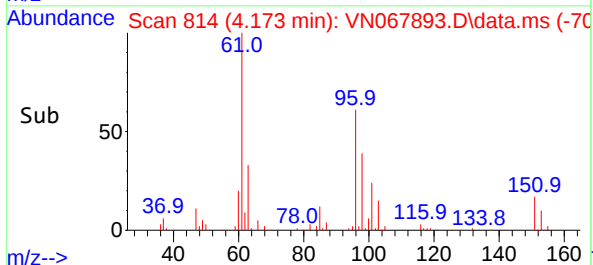
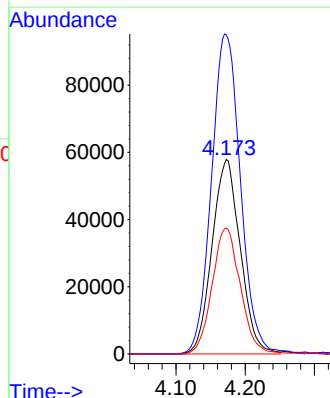
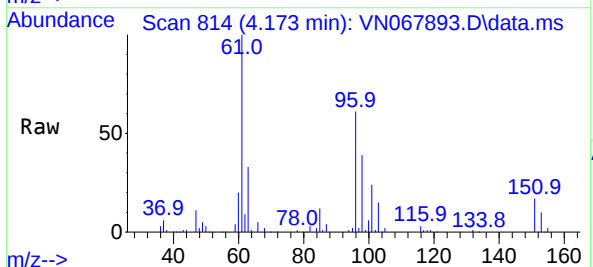
Manual Integrations
APPROVED

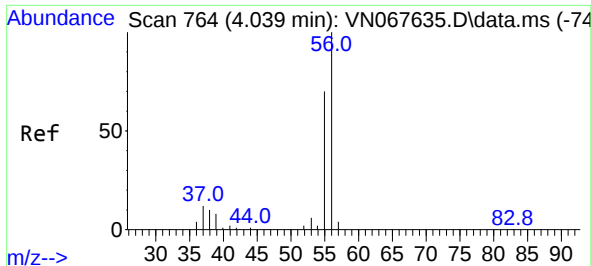
MMDadoda
7/26/2021 5:22:34 PM



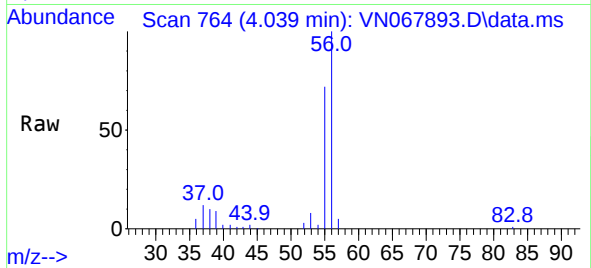
#12
1,1-Dichloroethene
Concen: 53.257 ug/l
RT: 4.173 min Scan# 814
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 96 Resp: 163859
Ion Ratio Lower Upper
96 100
61 163.8 152.6 229.0
98 64.7 50.9 76.3

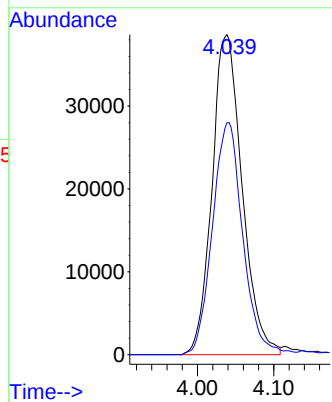
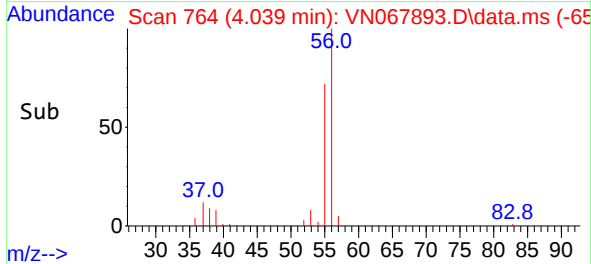




#13
Acrolein
Concen: 290.000 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



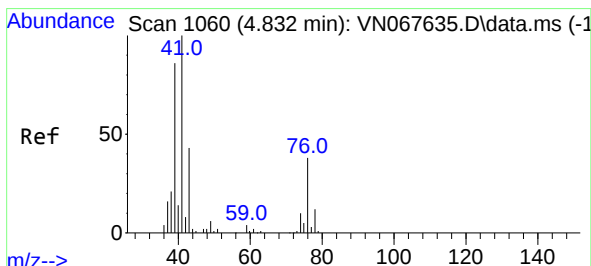
Tgt Ion: 56 Resp: 105995
Ion Ratio Lower Upper
56 100
55 72.6 57.4 86.0



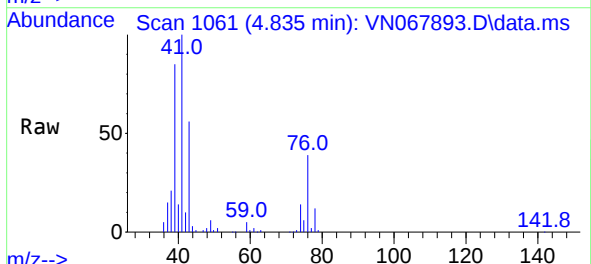
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

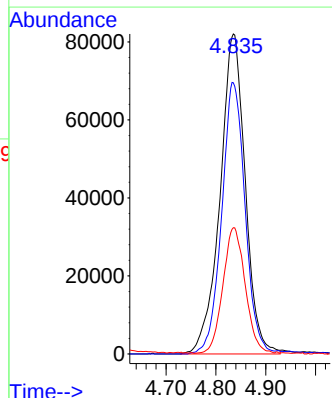
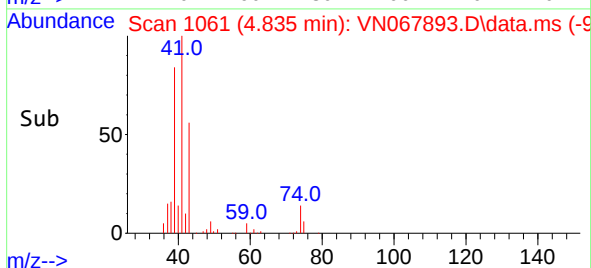
MMDadoda
7/26/2021 5:22:34 PM

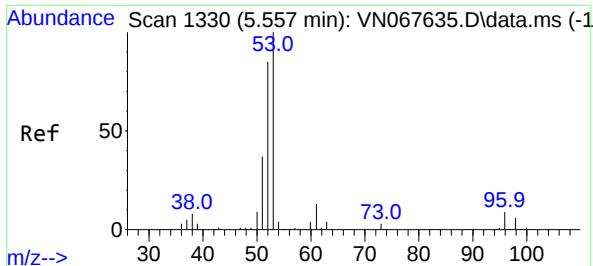


#14
Allyl chloride
Concen: 50.914 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

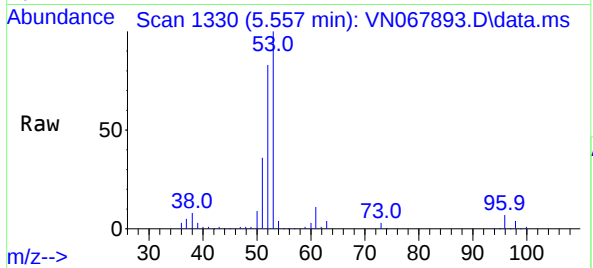


Tgt Ion: 41 Resp: 287958
Ion Ratio Lower Upper
41 100
39 78.6 60.9 91.3
76 34.7 24.3 36.5

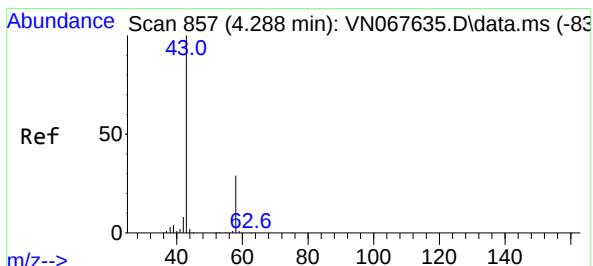
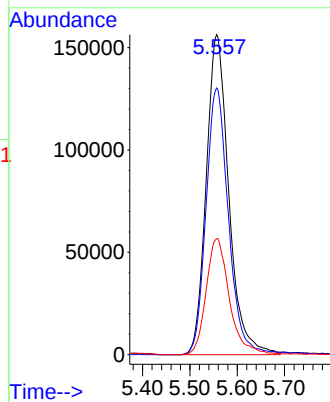
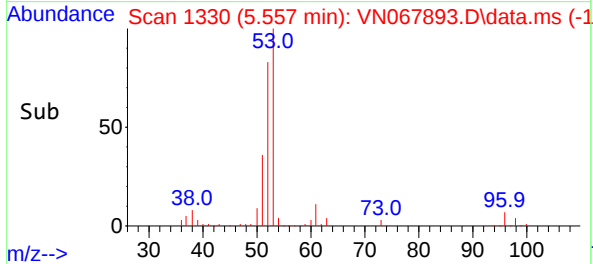




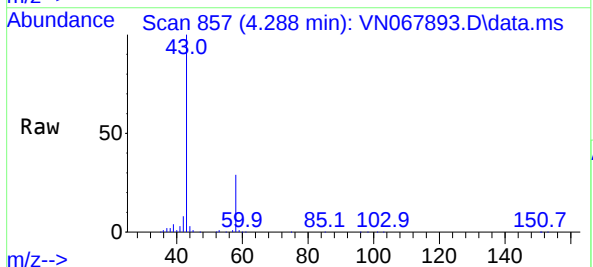
#15
Acrylonitrile
Concen: 278.439 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



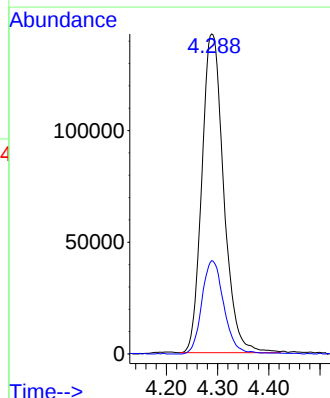
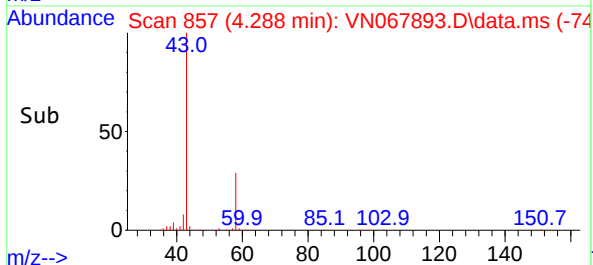
Tgt Ion: 53 Resp: 518978
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 37.3 30.2 45.4



#16
Acetone
Concen: 257.164 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



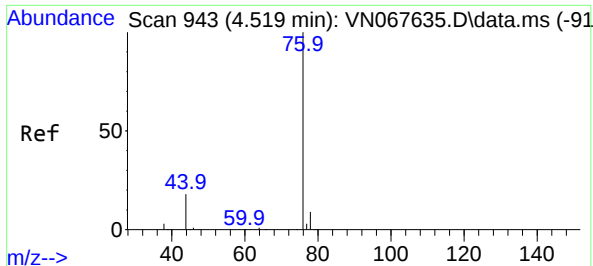
Tgt Ion: 43 Resp: 423163
Ion Ratio Lower Upper
43 100
58 29.2 21.2 31.8



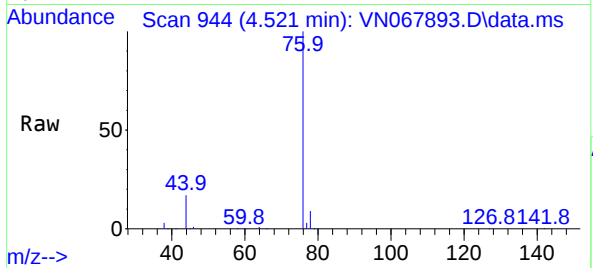
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

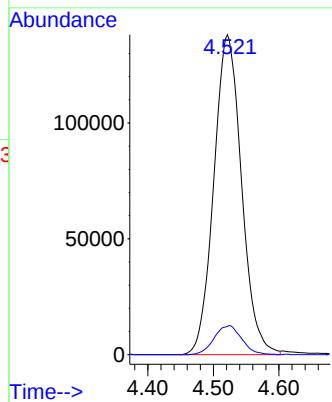
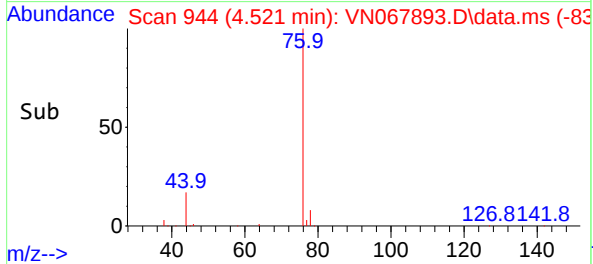
MMDadoda
7/26/2021 5:22:34 PM



#17
Carbon Disulfide
Concen: 47.539 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.002 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



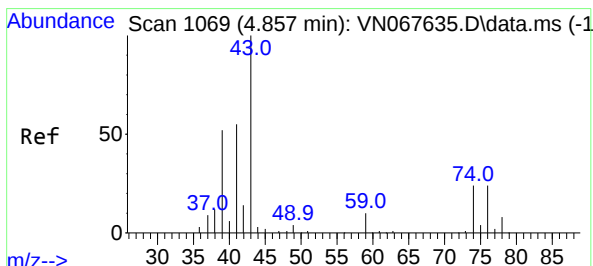
Tgt Ion: 76 Resp: 405157
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



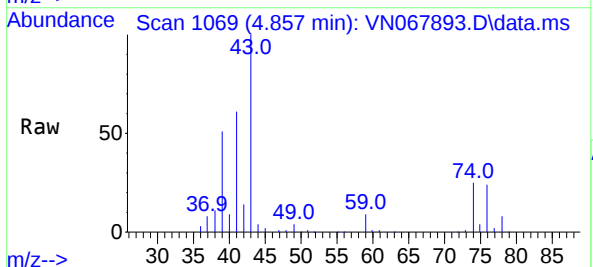
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

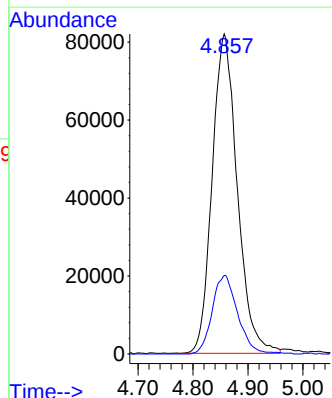
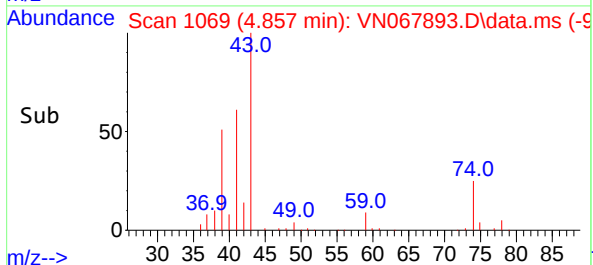
MMDadoda
7/26/2021 5:22:34 PM

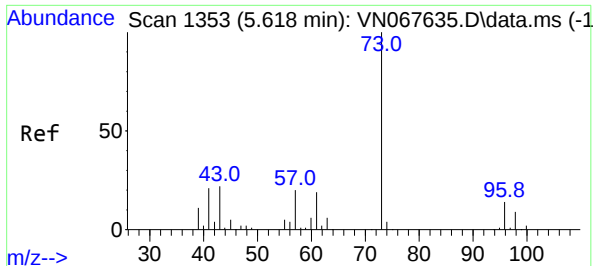


#18
Methyl Acetate
Concen: 56.288 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



Tgt Ion: 43 Resp: 260156
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0





#19

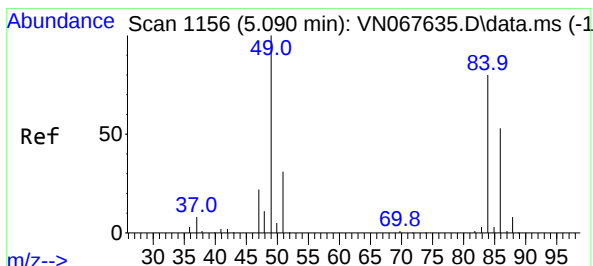
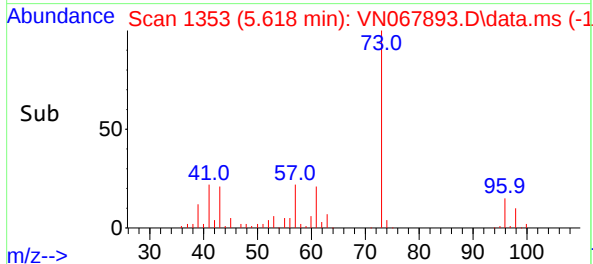
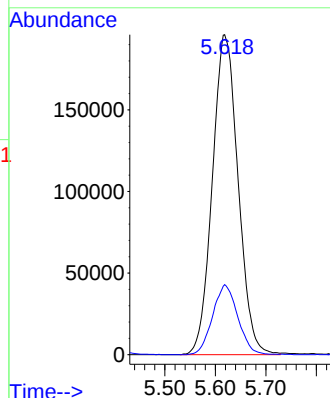
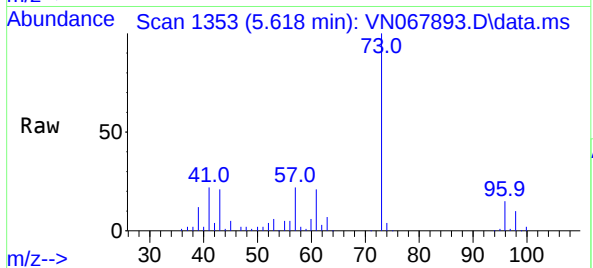
Methyl tert-butyl Ether
Concen: 54.436 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 73 Resp: 694041
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

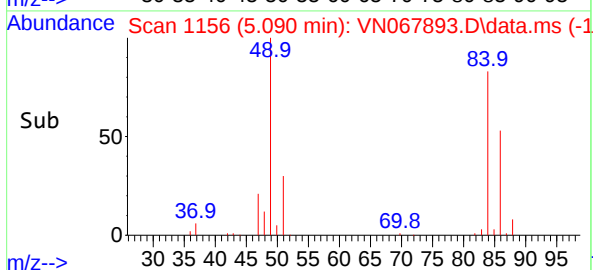
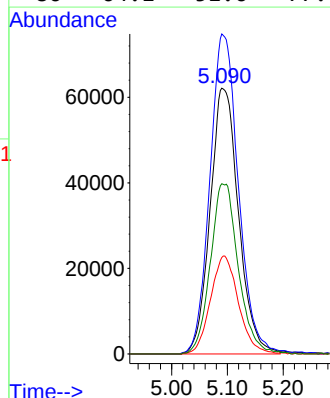
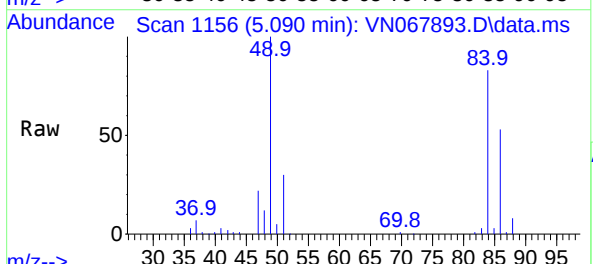
MMDadoda
7/26/2021 5:22:34 PM

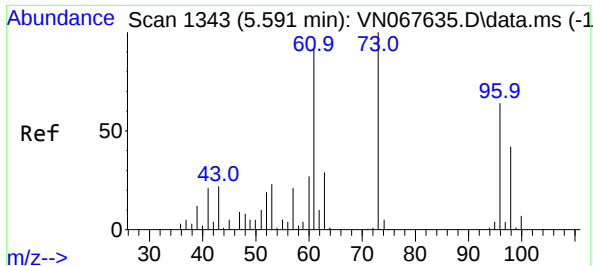


#20

Methylene Chloride
Concen: 57.274 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 84 Resp: 219621
Ion Ratio Lower Upper
84 100
49 120.4 110.9 166.3
51 36.3 32.6 49.0
86 64.1 51.6 77.4





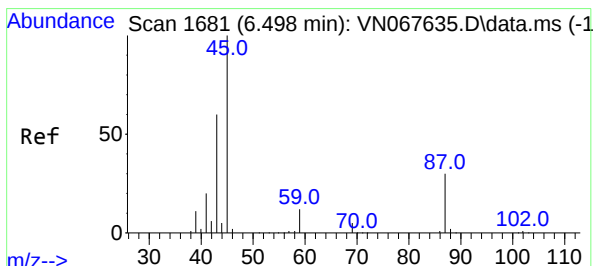
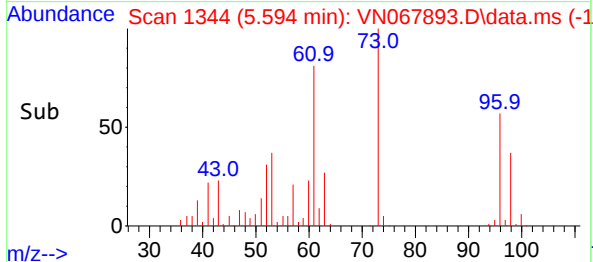
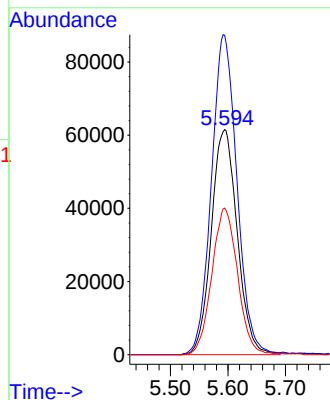
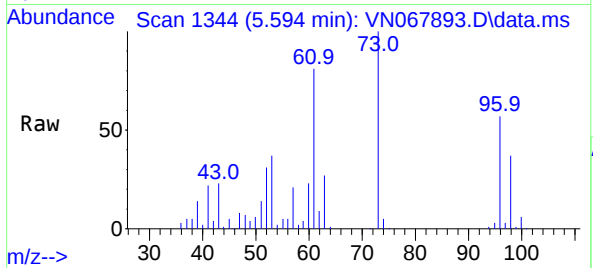
#21
trans-1,2-Dichloroethene
Concen: 53.103 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 96 Resp: 193170
Ion Ratio Lower Upper
96 100
61 141.8 123.5 185.3
98 65.1 48.6 72.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

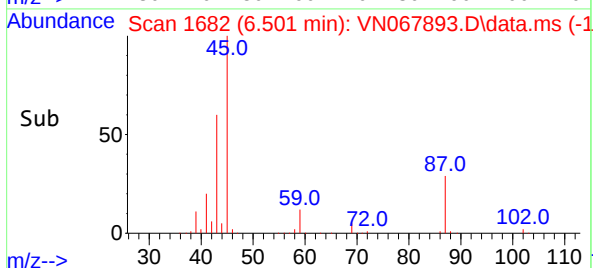
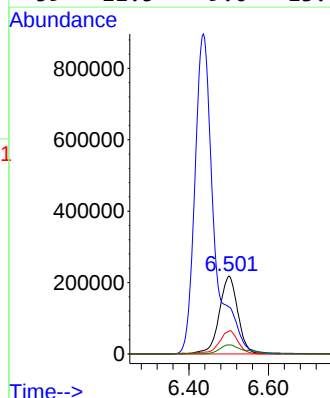
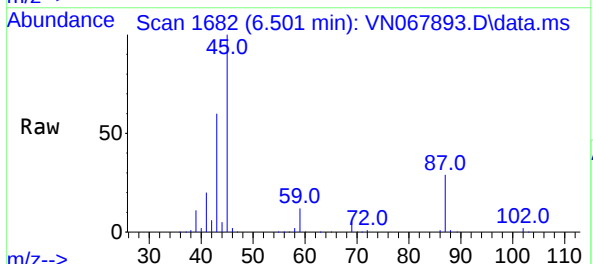
Manual Integrations
APPROVED

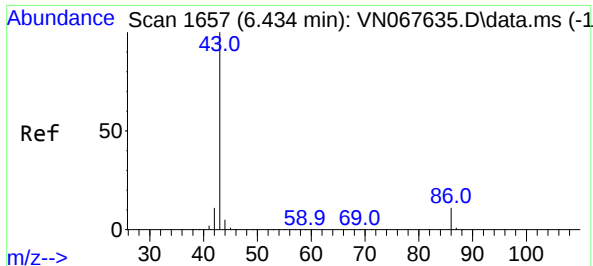
MMDadoda
7/26/2021 5:22:34 PM



#22
Diisopropyl ether
Concen: 55.394 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 45 Resp: 710934
Ion Ratio Lower Upper
45 100
43 59.1 49.4 74.2
87 29.3 20.9 31.3
59 11.5 9.0 13.4





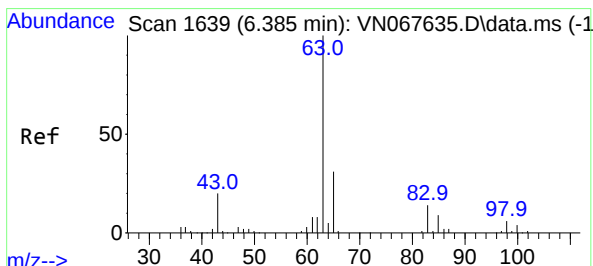
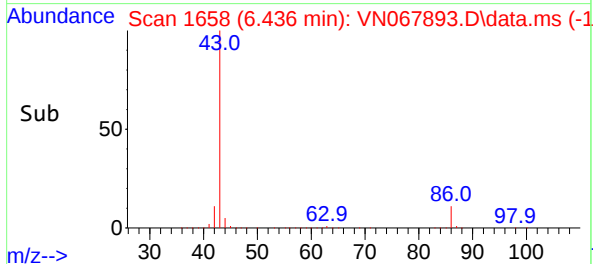
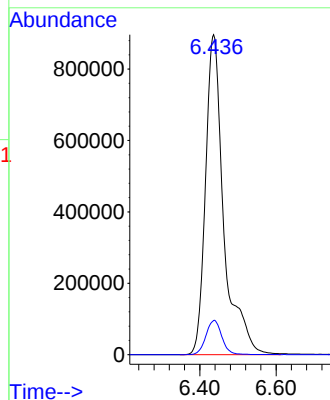
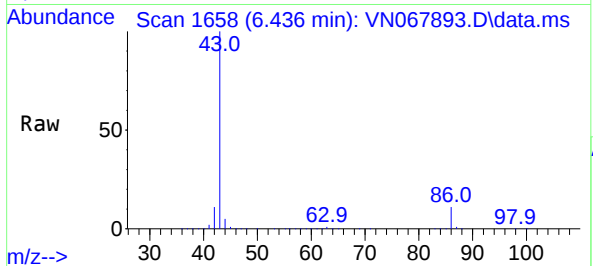
#23
 Vinyl Acetate
 Concen: 272.095 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN067893.D
 Acq: 23 Jul 2021 20:33

Tgt Ion: 43 Resp: 2985517
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.3 10.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

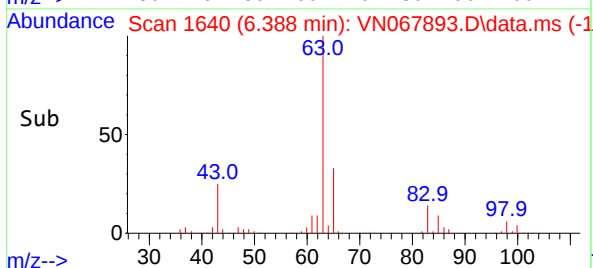
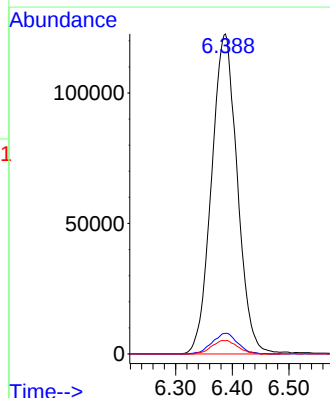
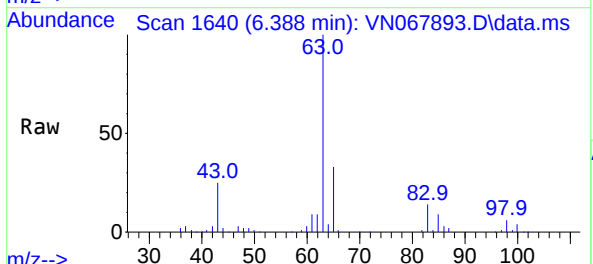
Manual Integrations
 APPROVED

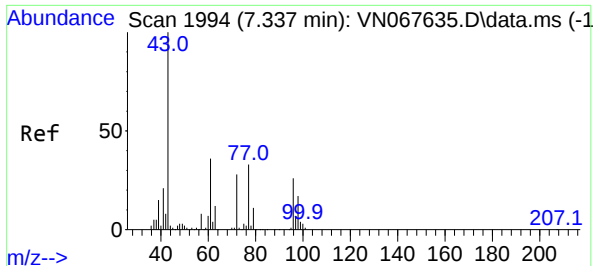
MMDadoda
 7/26/2021 5:22:34 PM



#24
 1,1-Dichloroethane
 Concen: 54.226 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN067893.D
 Acq: 23 Jul 2021 20:33

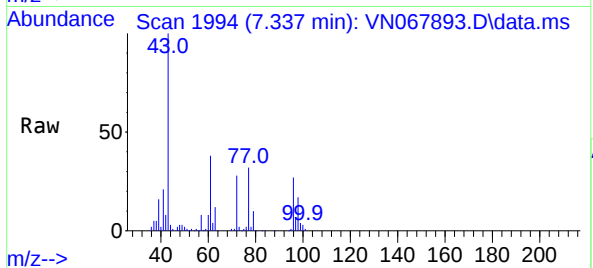
Tgt Ion: 63 Resp: 387969
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.0
 100 4.2 1.9 5.7





#25
2-Butanone
Concen: 263.749 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

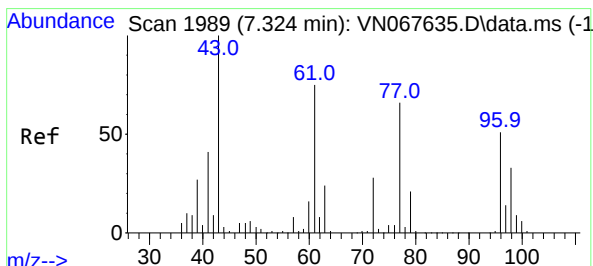
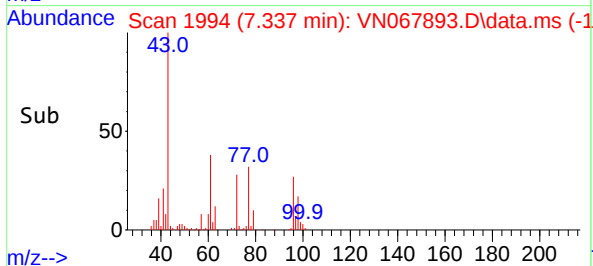
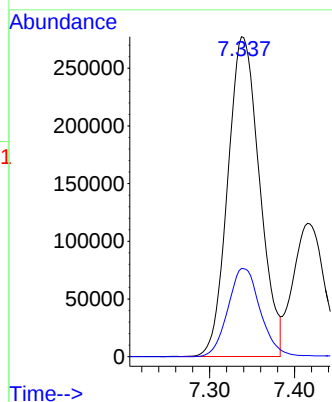
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 720670
Ion Ratio Lower Upper
43 100
72 27.6 19.7 29.5

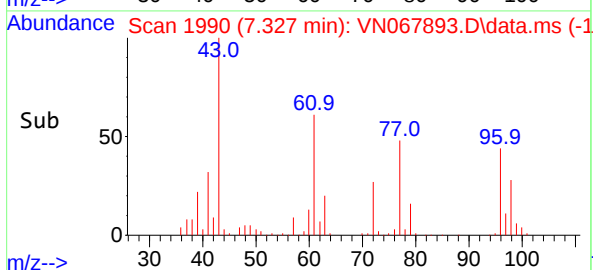
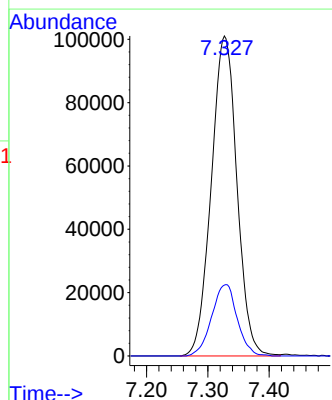
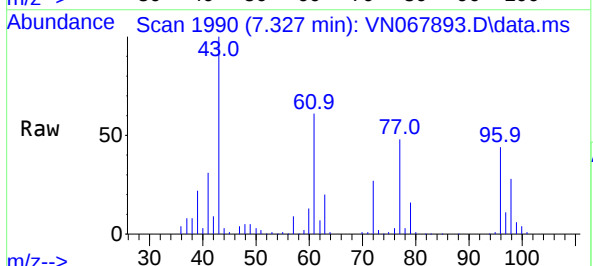
Manual Integrations
APPROVED

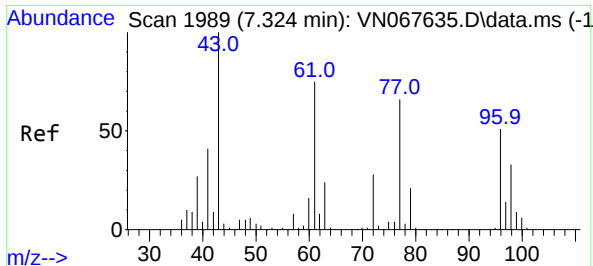
MMDadoda
7/26/2021 5:22:34 PM



#26
2,2-Dichloropropane
Concen: 47.004 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 77 Resp: 293898
Ion Ratio Lower Upper
77 100
97 22.3 9.8 29.3





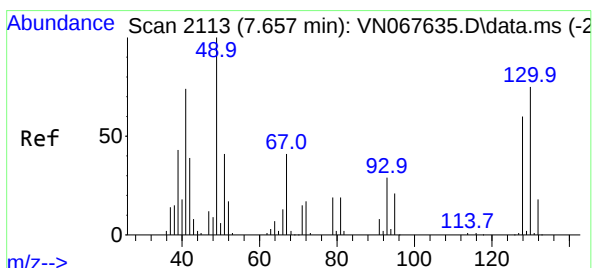
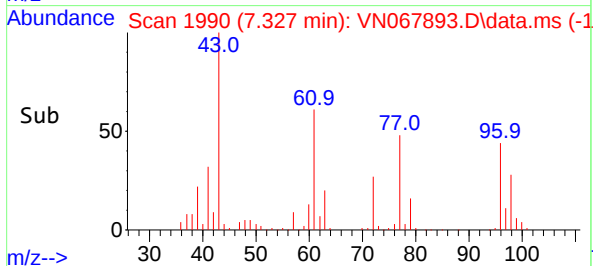
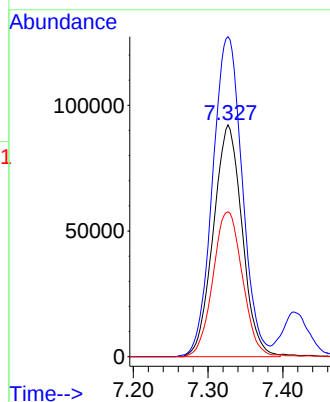
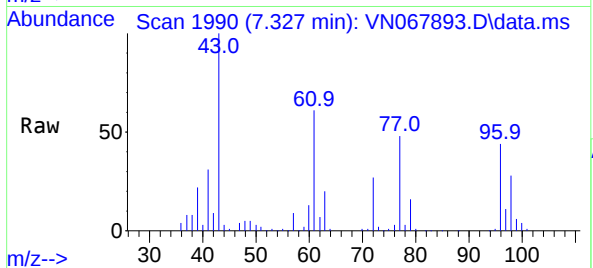
#27
cis-1,2-Dichloroethene
Concen: 54.231 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 96 Resp: 246872
Ion Ratio Lower Upper
96 100
61 142.0 0.0 338.8
98 64.2 0.0 129.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

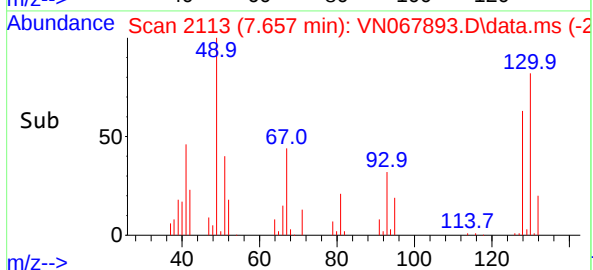
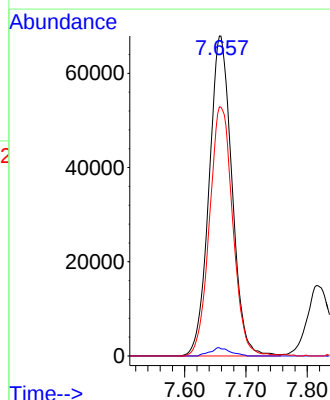
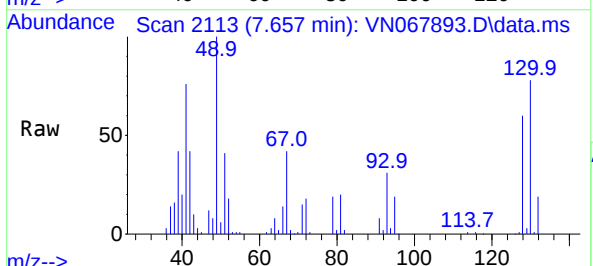
Manual Integrations
APPROVED

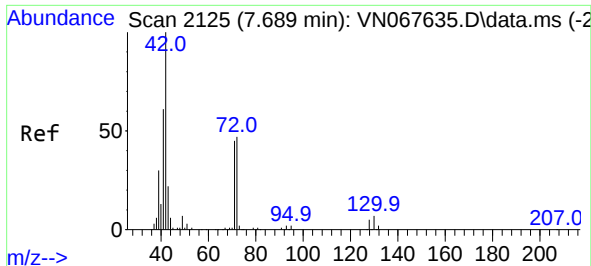
MMDadoda
7/26/2021 5:22:34 PM



#28
Bromochloromethane
Concen: 50.343 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 49 Resp: 175759
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 79.2 49.7 74.5#





#29

Tetrahydrofuran

Concen: 266.033 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. -0.000 min

Lab File: VN067893.D

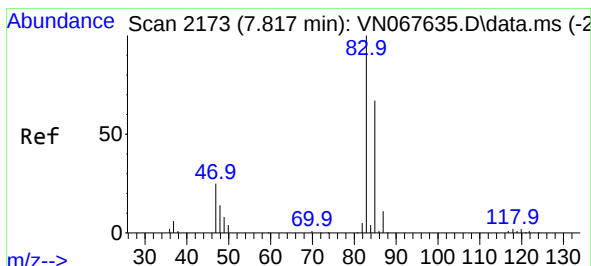
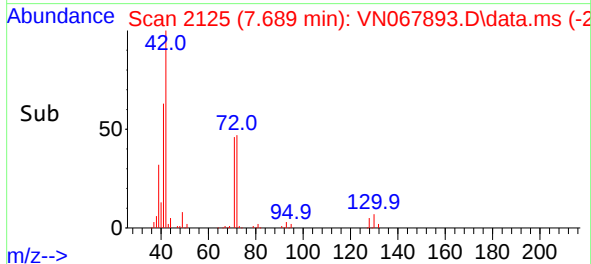
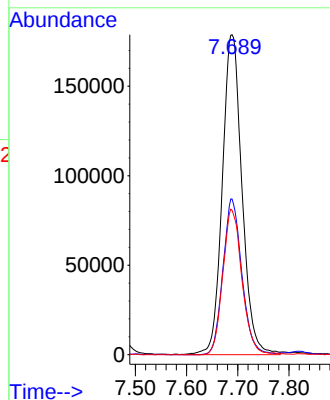
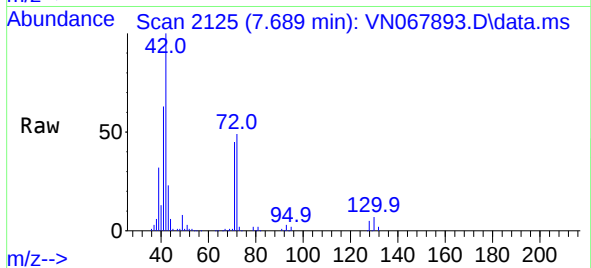
Acq: 23 Jul 2021 20:33

Tgt Ion:	42	Resp:	478029
Ion	Ratio	Lower	Upper
42	100		
72	46.7	32.8	49.2
71	43.9	31.2	46.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM



#30

Chloroform

Concen: 55.230 ug/l

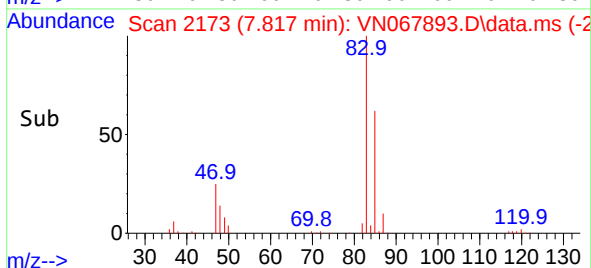
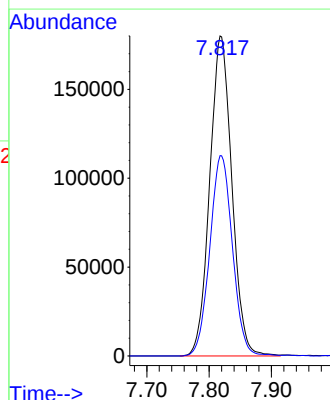
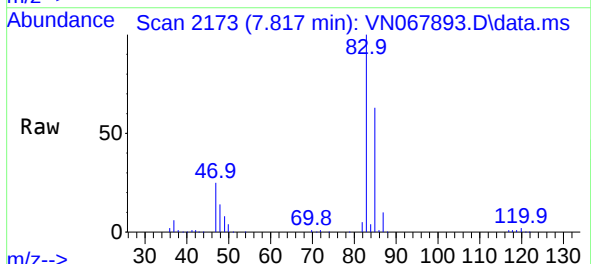
RT: 7.817 min Scan# 2173

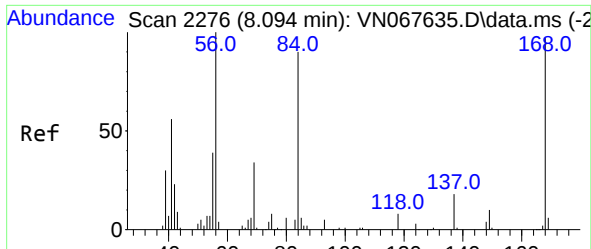
Delta R.T. 0.000 min

Lab File: VN067893.D

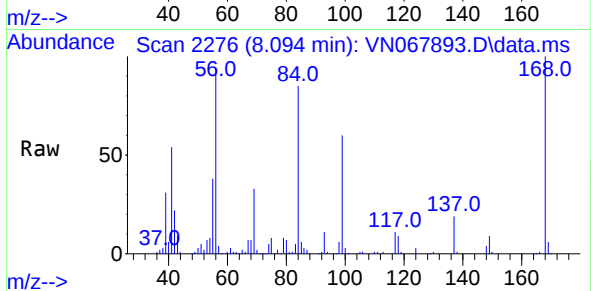
Acq: 23 Jul 2021 20:33

Tgt Ion:	83	Resp:	443854
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.5	77.3

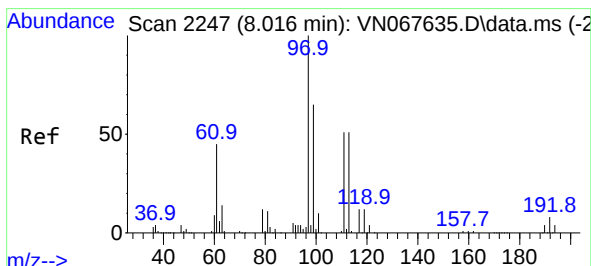
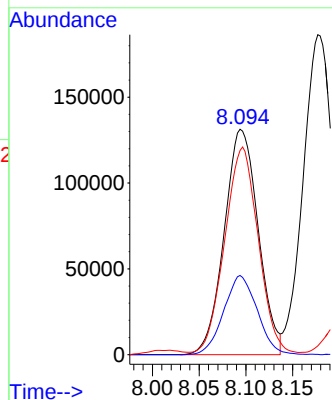
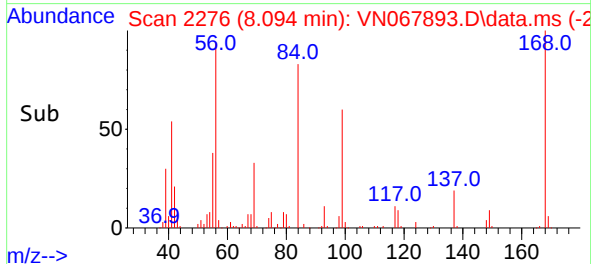




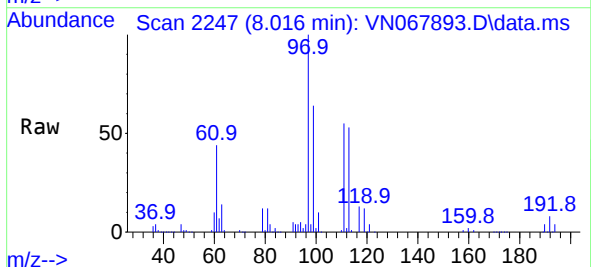
#31
Cyclohexane
Concen: 45.388 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



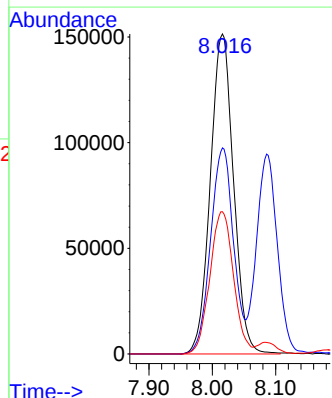
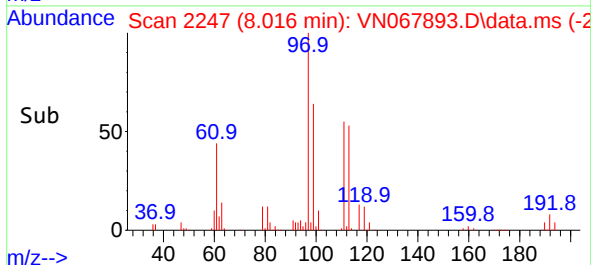
Tgt Ion: 56 Resp: 332810
Ion Ratio Lower Upper
56 100
69 35.1 27.3 40.9
84 89.2 64.9 97.3



#32
1,1,1-Trichloroethane
Concen: 55.317 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



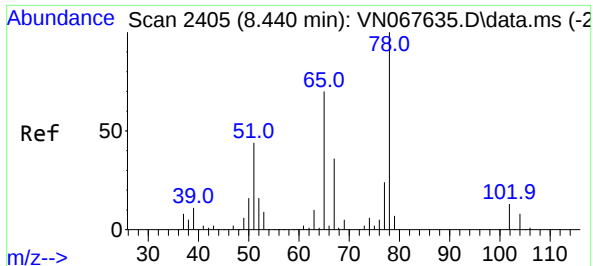
Tgt Ion: 97 Resp: 385484
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.2
61 45.4 38.2 57.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM



#33

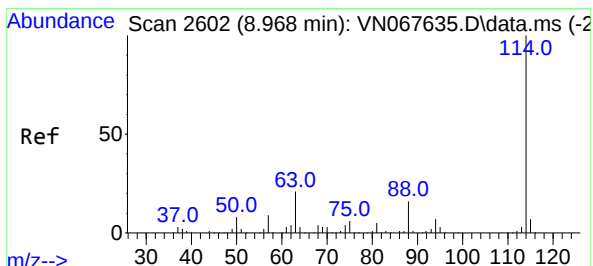
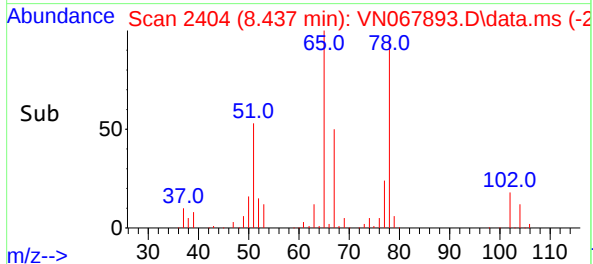
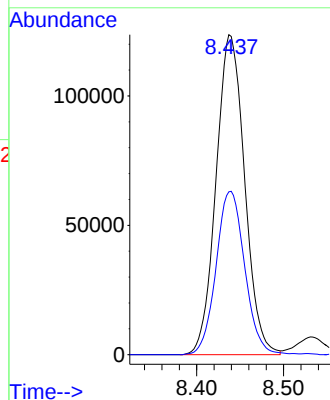
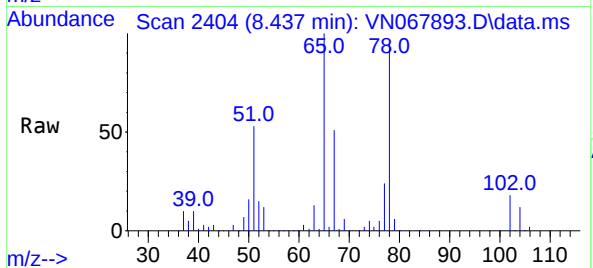
1,2-Dichloroethane-d4
Concen: 54.020 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 65 Resp: 282495
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

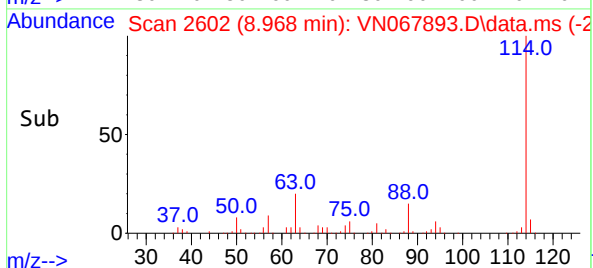
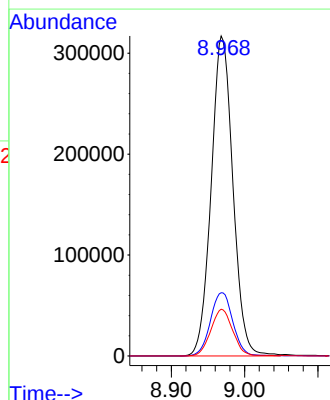
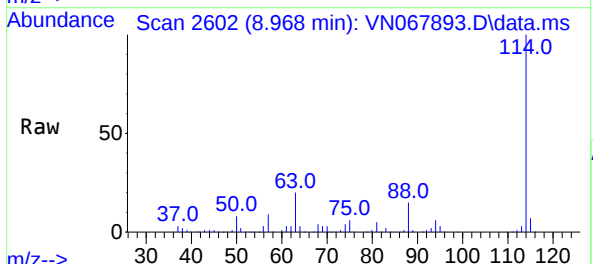
MMDadoda
7/26/2021 5:22:34 PM

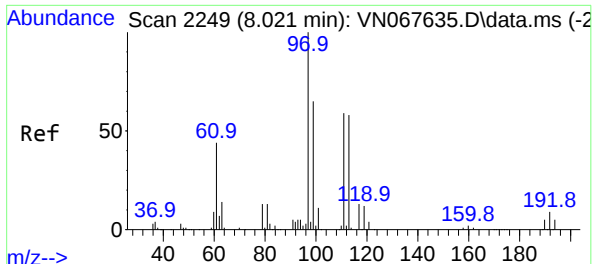


#34

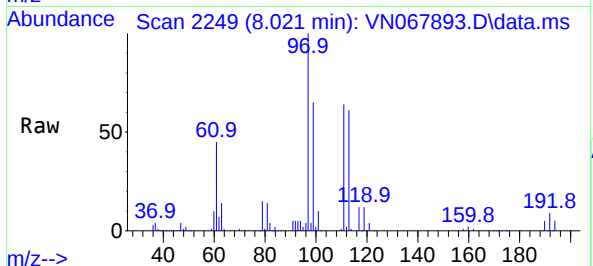
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 114 Resp: 652588
Ion Ratio Lower Upper
114 100
63 19.8 0.0 49.0
88 14.6 0.0 36.6

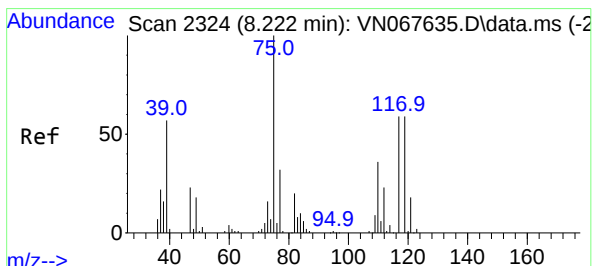
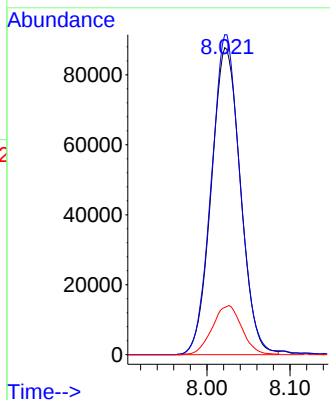
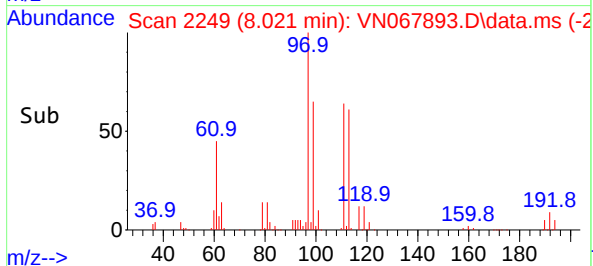




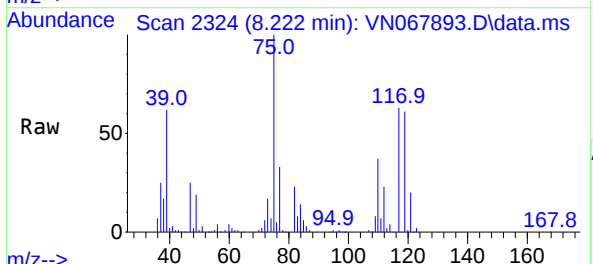
#35
Dibromofluoromethane
Concen: 54.252 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



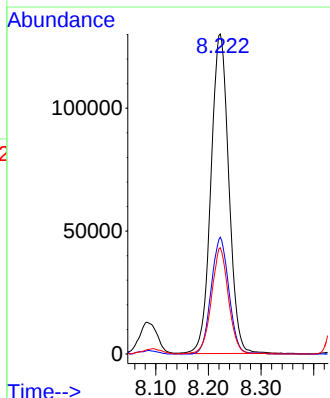
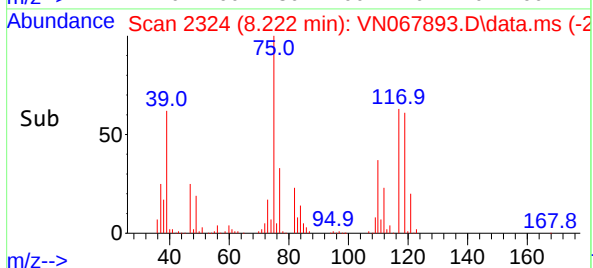
Tgt Ion: 113 Resp: 213902
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.8
192 16.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 50.638 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



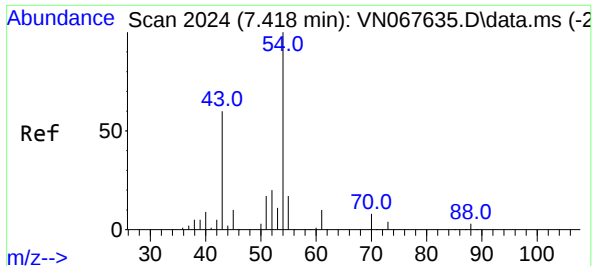
Tgt Ion: 75 Resp: 306960
Ion Ratio Lower Upper
75 100
110 36.2 15.7 47.0
77 31.7 24.6 37.0



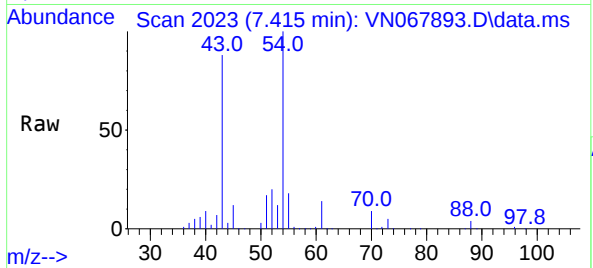
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

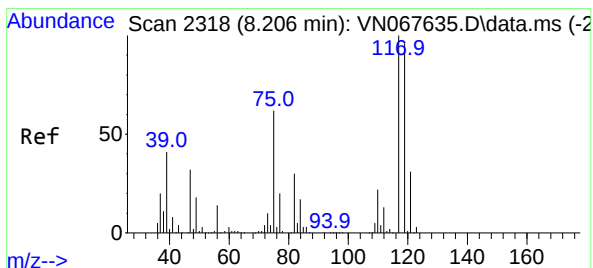
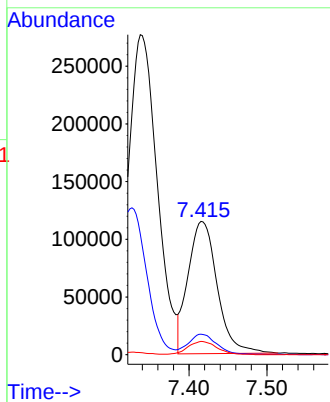
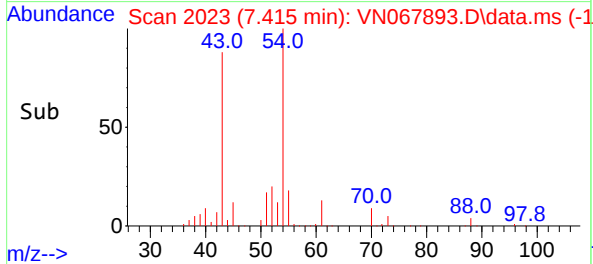
MMDadoda
7/26/2021 5:22:34 PM



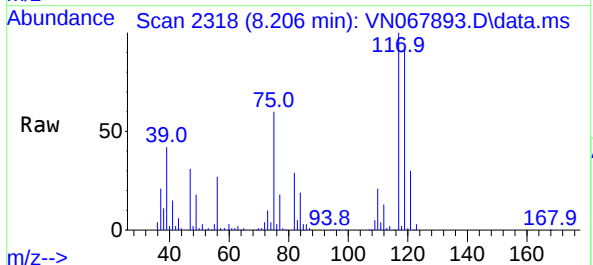
#37
Ethyl Acetate
Concen: 50.893 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



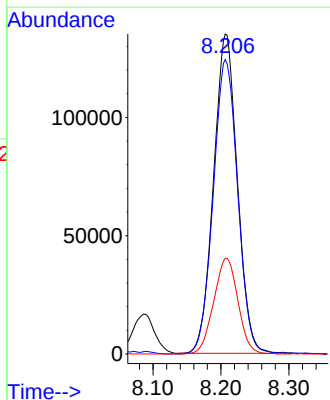
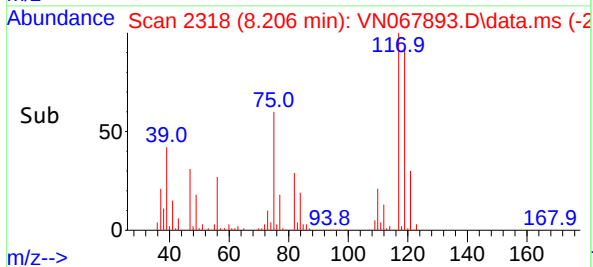
Tgt Ion: 43 Resp: 298919
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 54.869 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



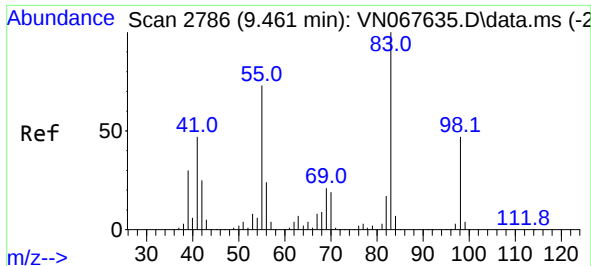
Tgt Ion: 117 Resp: 328084
Ion Ratio Lower Upper
117 100
119 92.2 75.4 113.2
121 29.9 23.5 35.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM



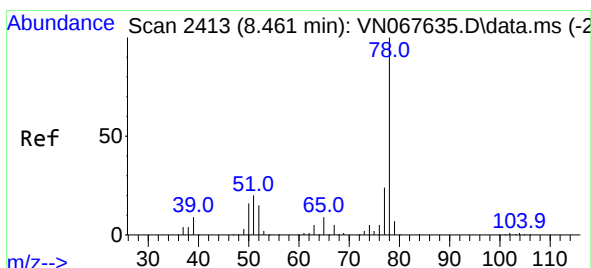
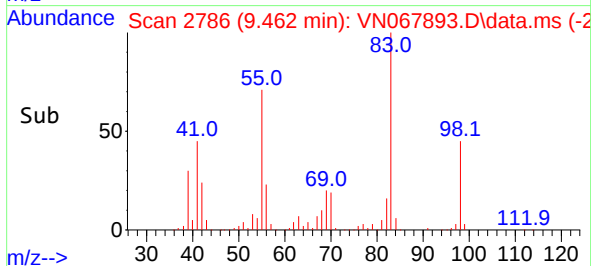
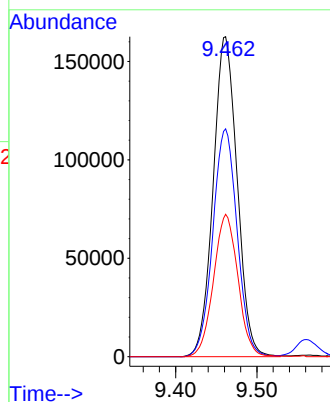
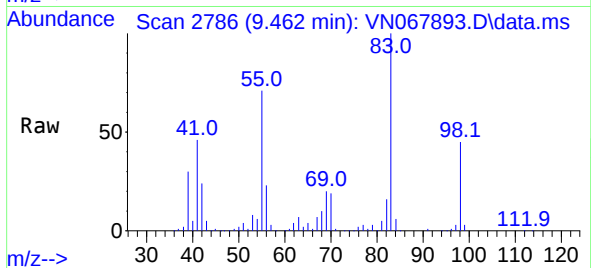
#39
Methylcyclohexane
Concen: 50.338 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.001 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 83 Resp: 334056
Ion Ratio Lower Upper
83 100
55 71.2 66.6 99.8
98 44.5 35.3 52.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

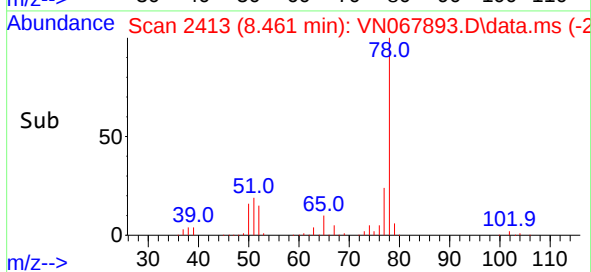
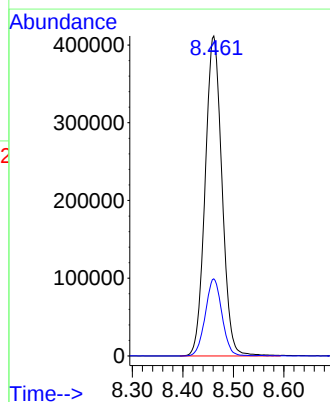
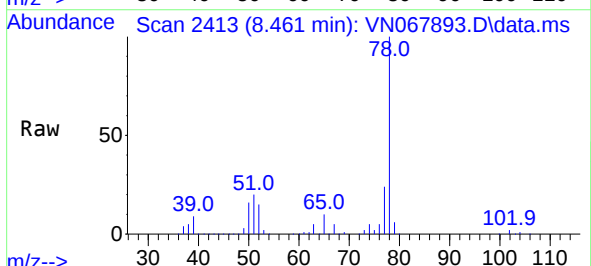
Manual Integrations
APPROVED

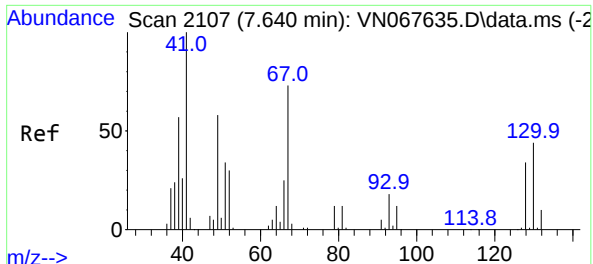
MMDadoda
7/26/2021 5:22:34 PM



#40
Benzene
Concen: 52.476 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 78 Resp: 952182
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3





#41
Methacrylonitrile
Concen: 49.834 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

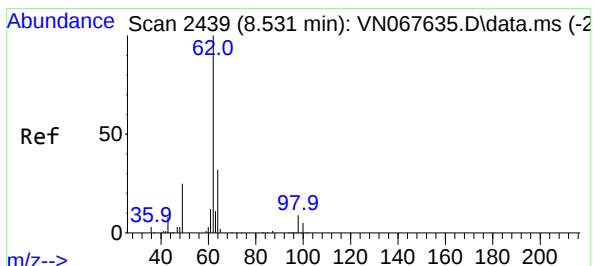
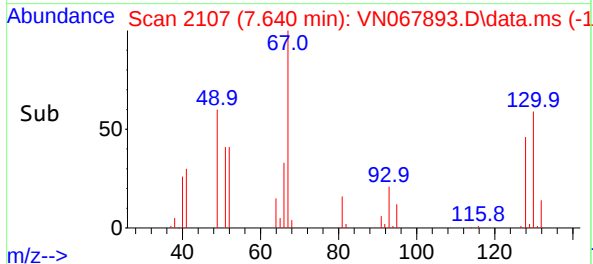
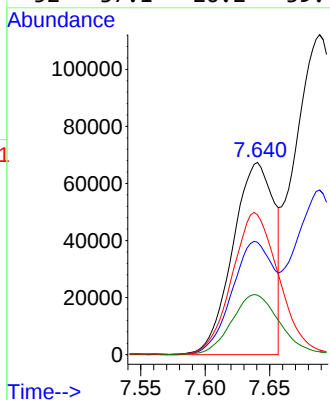
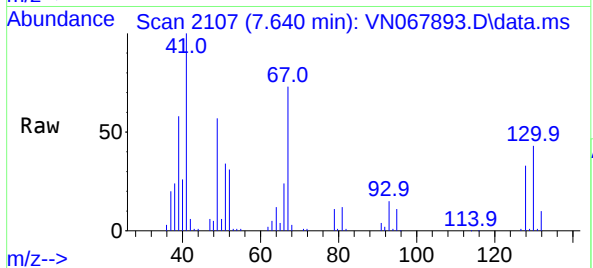
Tgt Ion: 41 Resp: 150433

Ion	Ratio	Lower	Upper
41	100		
39	59.3	47.6	71.4
67	84.3	57.7	86.5
52	37.1	26.2	39.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

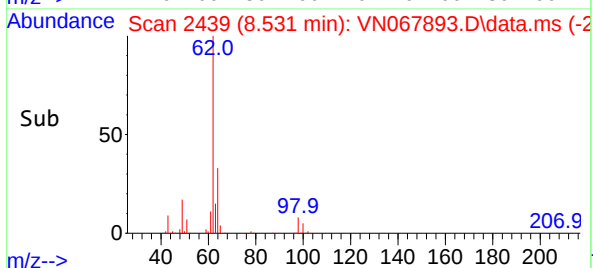
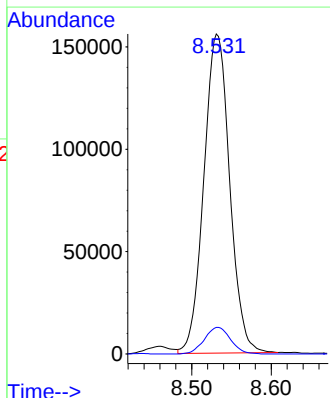
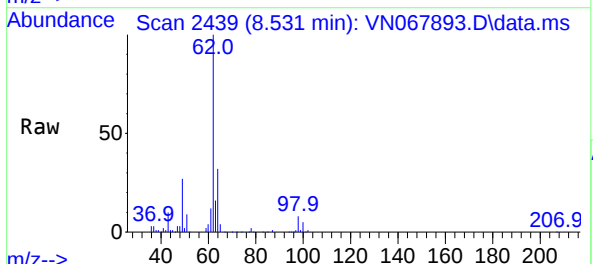
MMDadoda
7/26/2021 5:22:34 PM

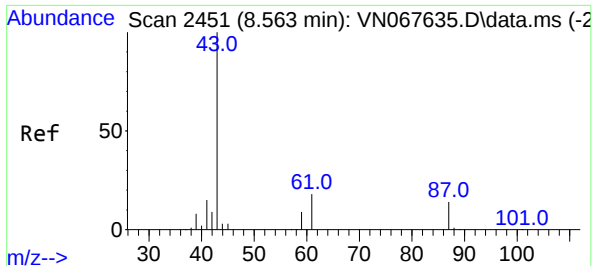


#42
1,2-Dichloroethane
Concen: 52.304 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

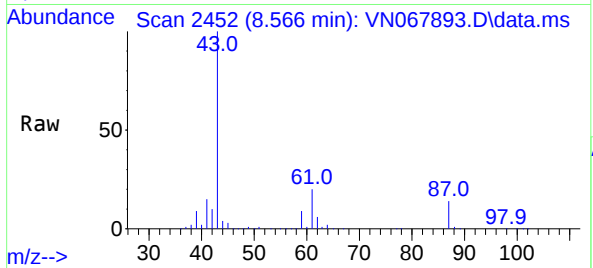
Tgt Ion: 62 Resp: 352447

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	14.2

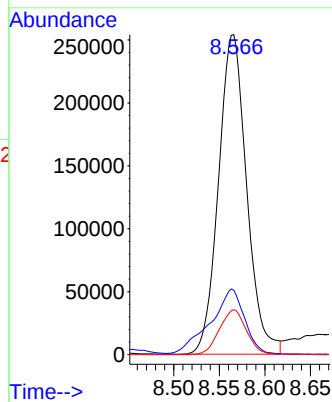
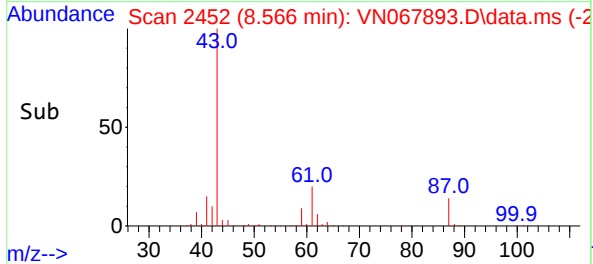




#43
Isopropyl Acetate
Concen: 52.878 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



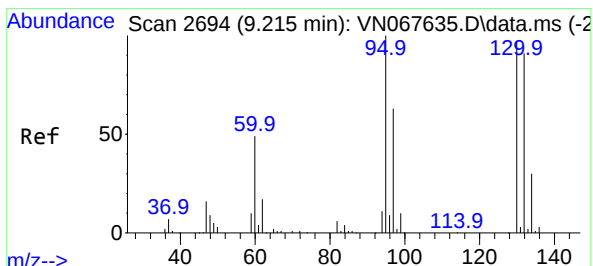
Tgt Ion: 43 Resp: 546327
Ion Ratio Lower Upper
43 100
61 24.7 19.0 28.4
87 13.5 9.5 14.3



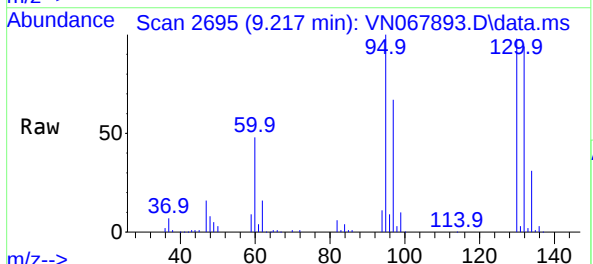
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

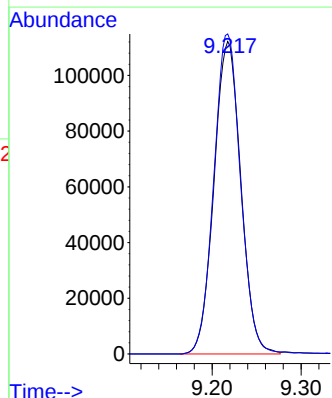
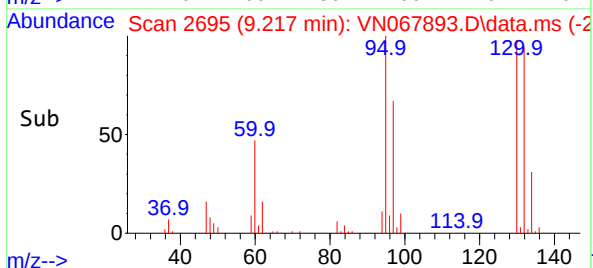
MMDadoda
7/26/2021 5:22:34 PM

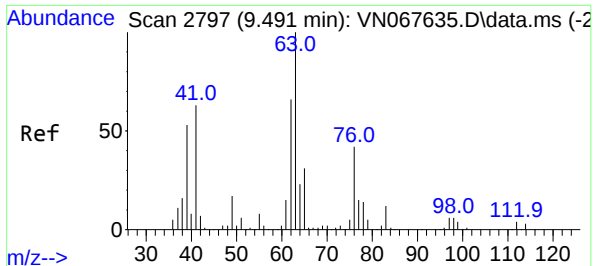


#44
Trichloroethene
Concen: 51.051 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



Tgt Ion: 130 Resp: 235089
Ion Ratio Lower Upper
130 100
95 102.4 0.0 234.4





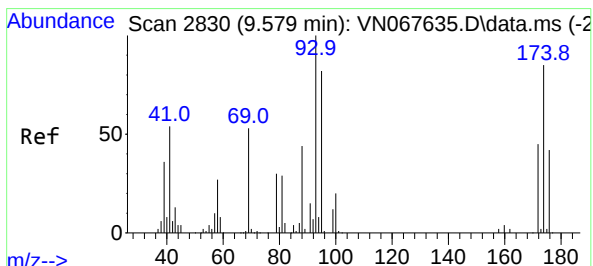
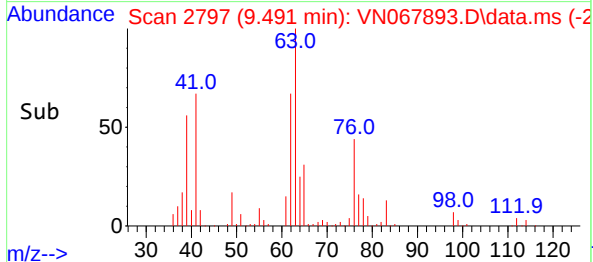
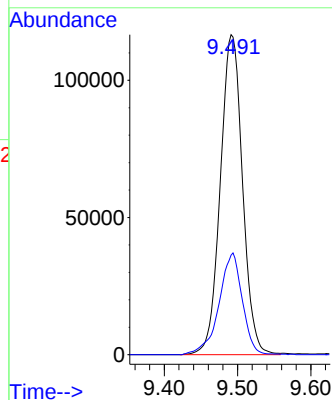
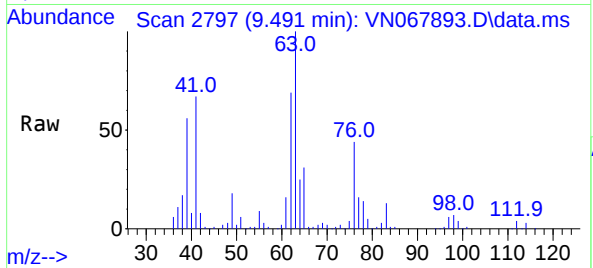
#45
1,2-Dichloropropane
Concen: 53.447 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 63 Resp: 245541
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

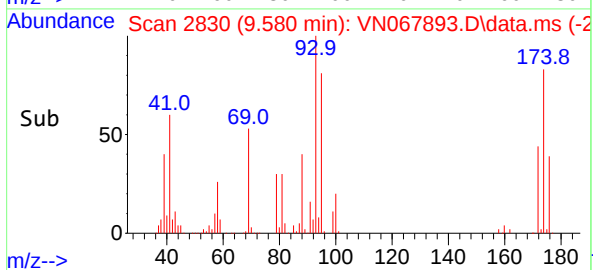
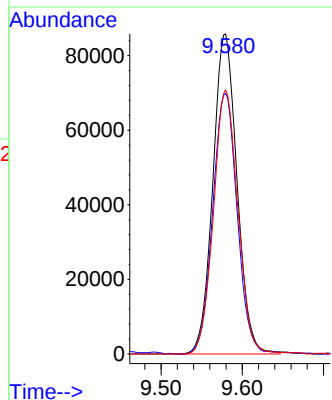
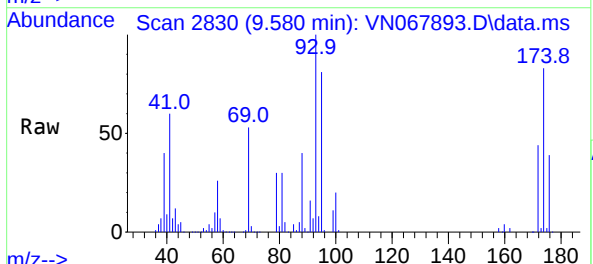
Manual Integrations
APPROVED

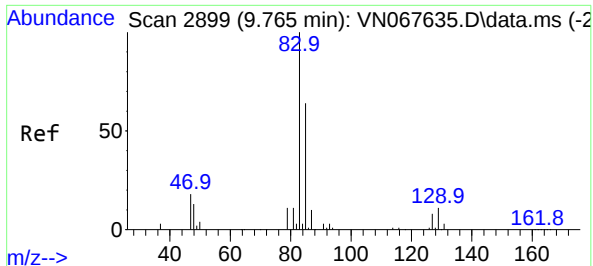
MMDadoda
7/26/2021 5:22:34 PM



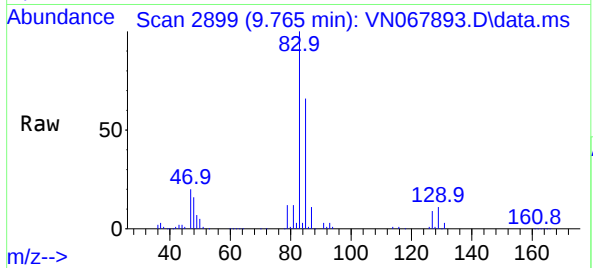
#46
Dibromomethane
Concen: 54.353 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.001 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 93 Resp: 177177
Ion Ratio Lower Upper
93 100
95 83.0 66.1 99.1
174 83.5 61.0 91.4

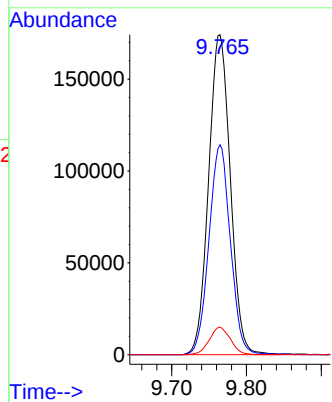
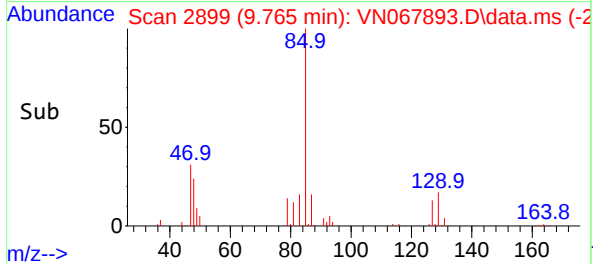




#47
Bromodichloromethane
Concen: 55.094 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



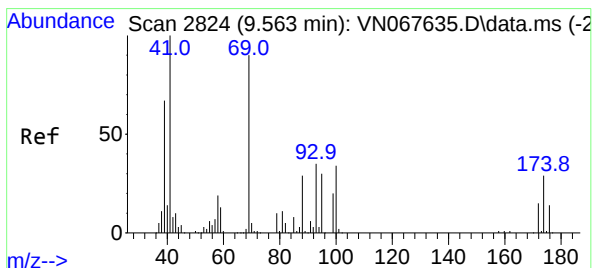
Tgt Ion: 83 Resp: 351101
Ion Ratio Lower Upper
83 100
85 65.6 49.9 74.9
127 8.6 6.1 9.1



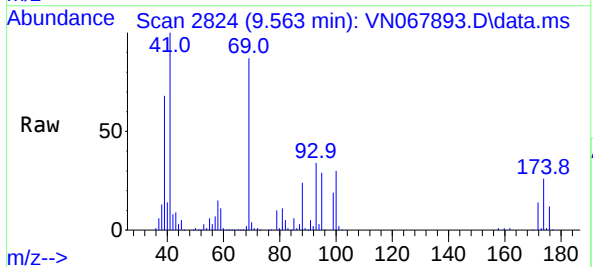
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

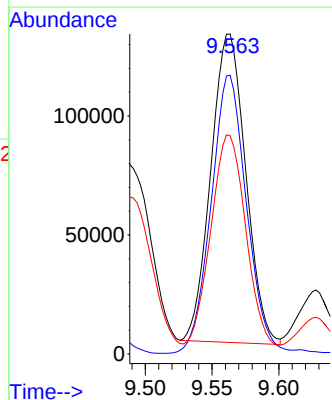
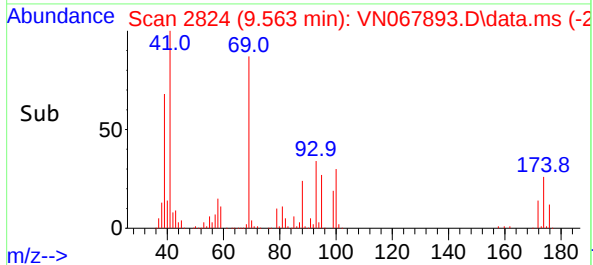
MMDadoda
7/26/2021 5:22:34 PM

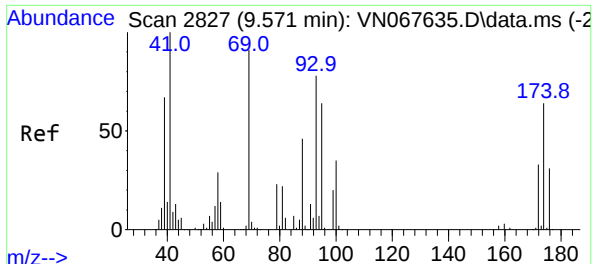


#48
Methyl methacrylate
Concen: 51.461 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



Tgt Ion: 41 Resp: 235158
Ion Ratio Lower Upper
41 100
69 91.7 64.6 96.8
39 73.3 53.3 79.9





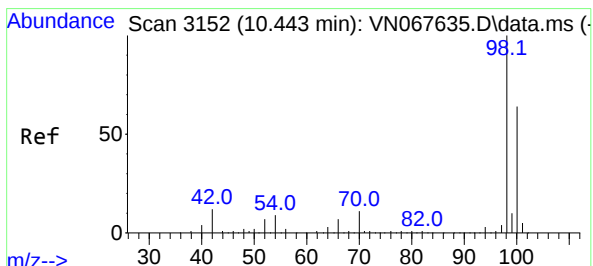
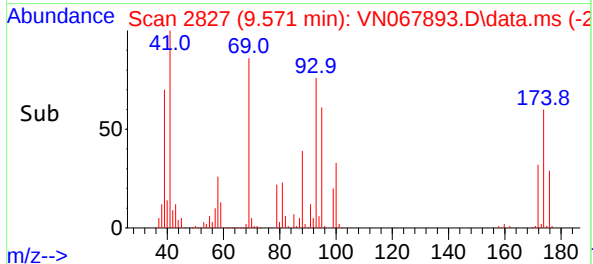
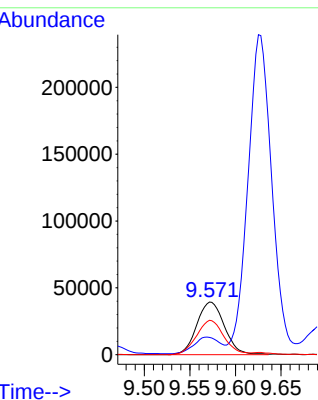
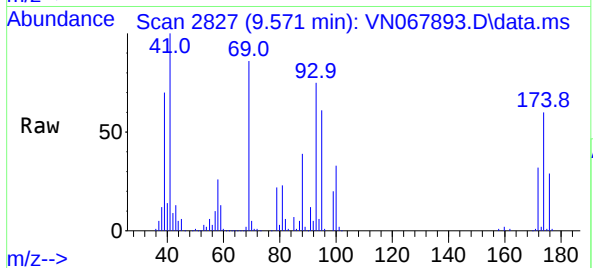
#49
1,4-Dioxane
Concen: 918.338 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 88 Resp: 83244
Ion Ratio Lower Upper
88 100
43 28.8 28.8 43.2#
58 64.9 60.4 90.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

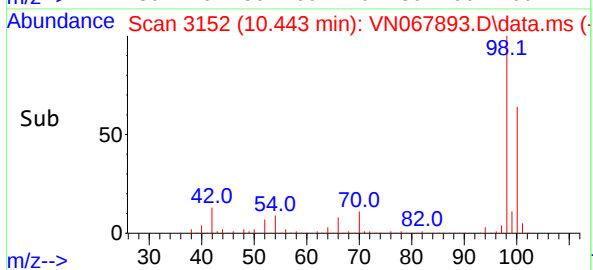
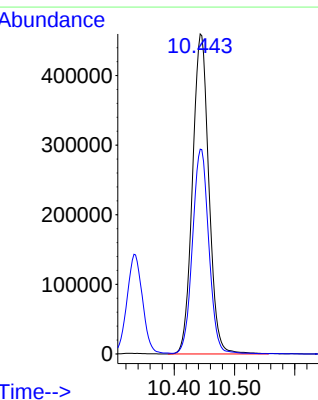
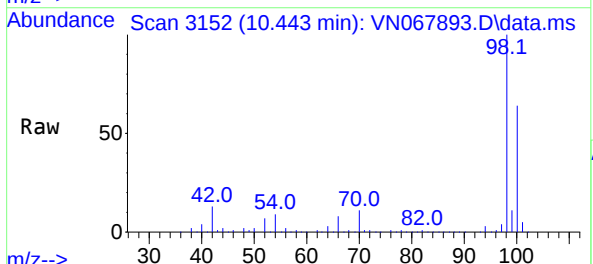
Manual Integrations
APPROVED

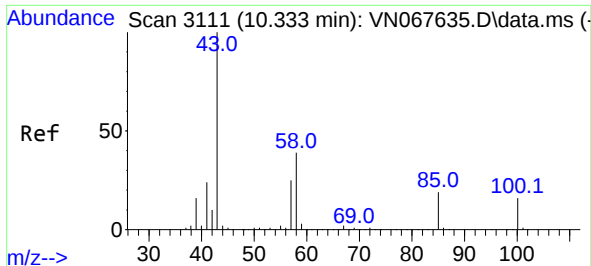
MMDadoda
7/26/2021 5:22:34 PM



#50
Toluene-d8
Concen: 52.504 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 98 Resp: 866491
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5





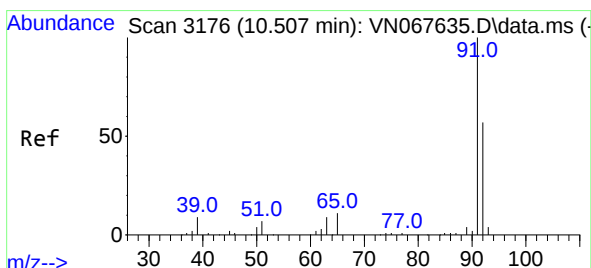
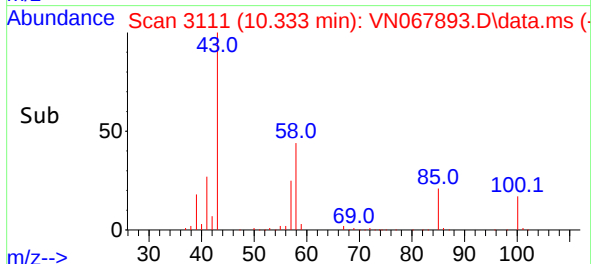
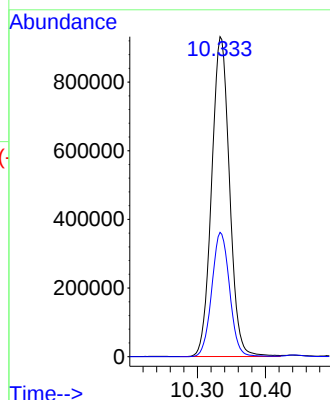
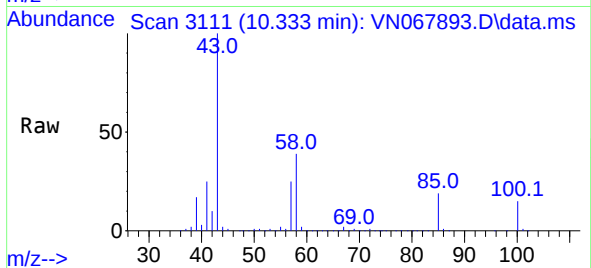
#51
4-Methyl-2-Pentanone
Concen: 268.587 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 43 Resp: 1704805
Ion Ratio Lower Upper
43 100
58 38.7 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

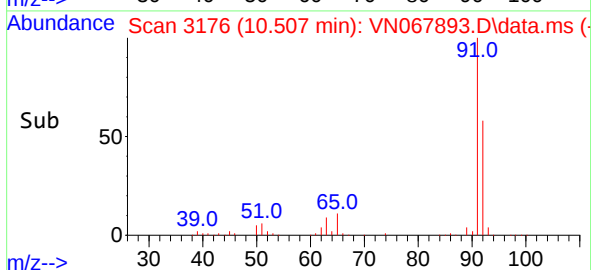
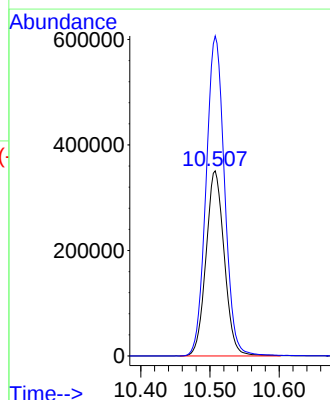
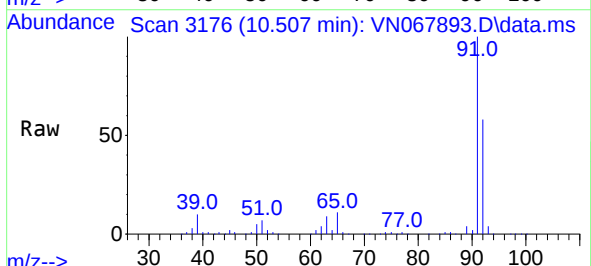
Manual Integrations
APPROVED

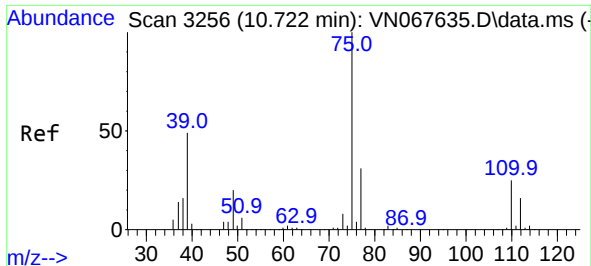
MMDadoda
7/26/2021 5:22:34 PM



#52
Toluene
Concen: 54.104 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 92 Resp: 643089
Ion Ratio Lower Upper
92 100
91 175.0 139.6 209.4





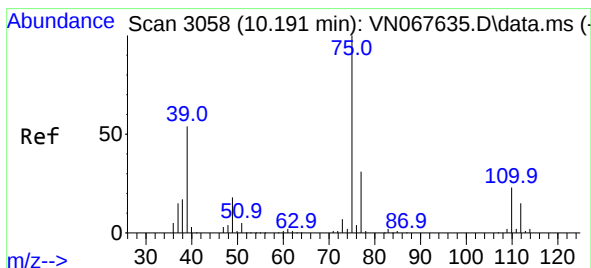
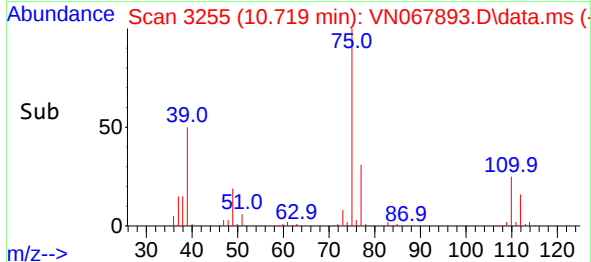
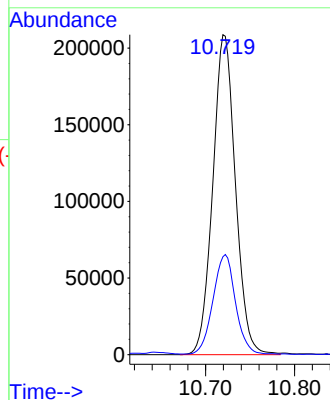
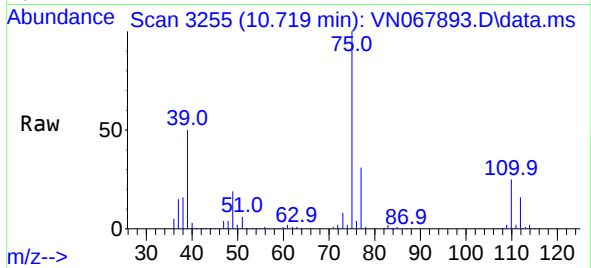
#53
t-1,3-Dichloropropene
Concen: 48.672 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 75 Resp: 369245
Ion Ratio Lower Upper
75 100
77 30.4 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

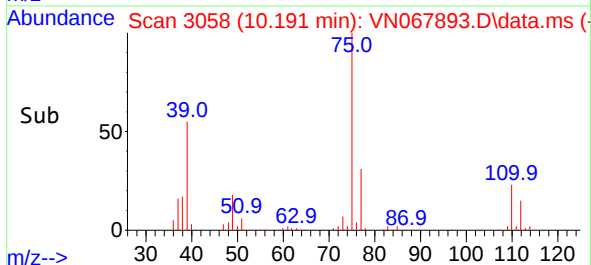
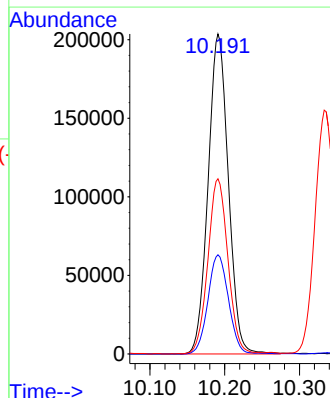
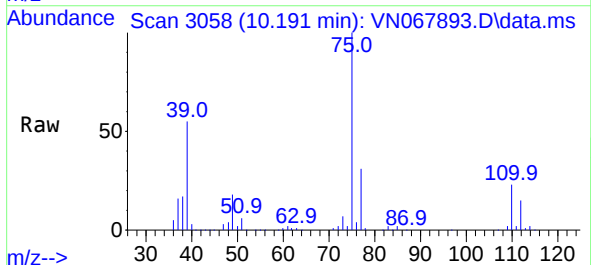
Manual Integrations
APPROVED

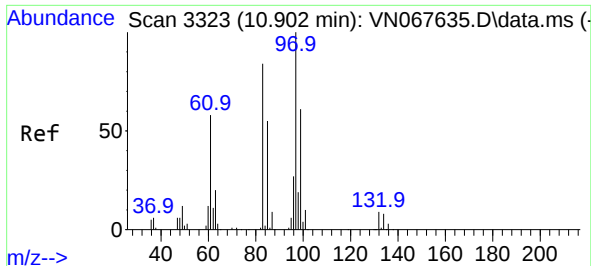
MMDadoda
7/26/2021 5:22:34 PM



#54
cis-1,3-Dichloropropene
Concen: 54.028 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

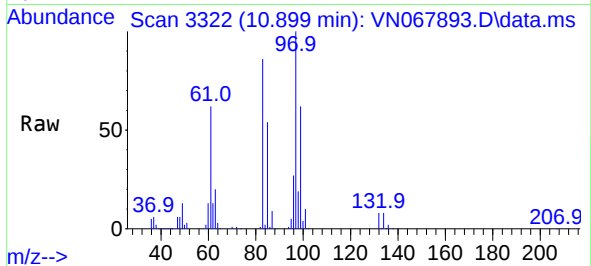
Tgt Ion: 75 Resp: 382902
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0
39 54.7 50.7 76.1





#55
1,1,2-Trichloroethane
Concen: 56.041 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

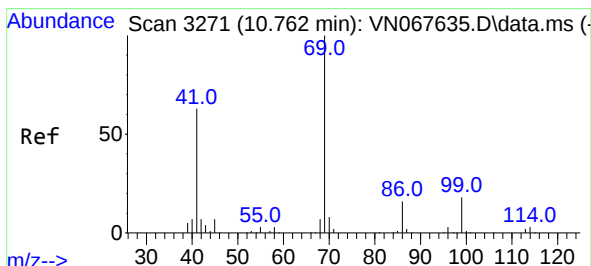
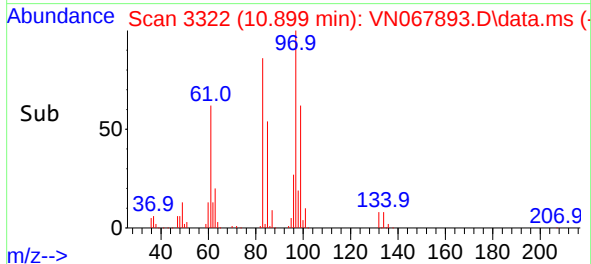
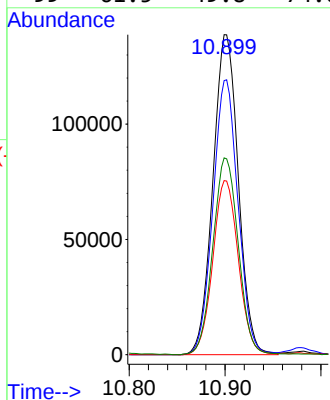


Tgt Ion: 97 Resp: 255275

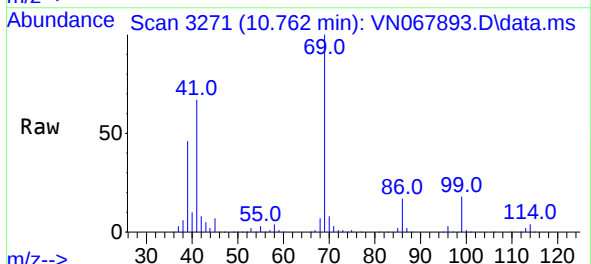
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	54.4	46.8	70.2
99	61.5	49.8	74.6

Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM

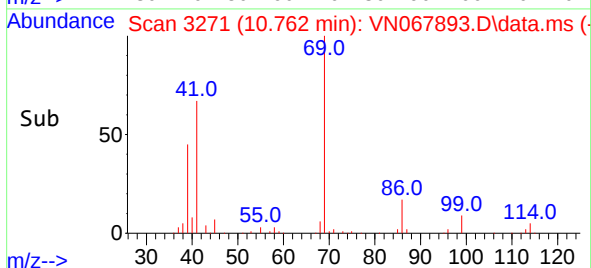
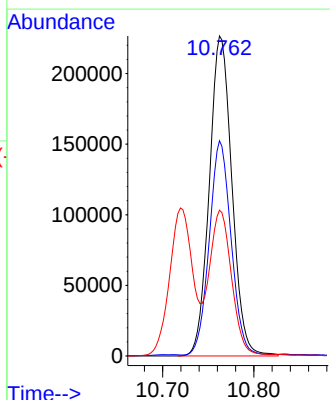


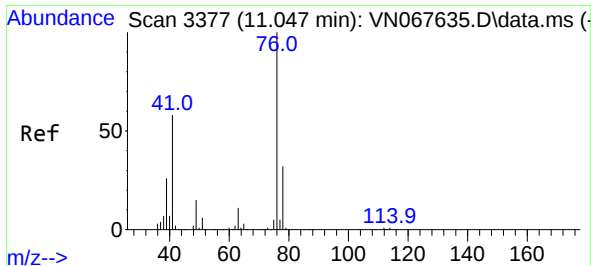
#56
Ethyl methacrylate
Concen: 55.588 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



Tgt Ion: 69 Resp: 390101

Ion	Ratio	Lower	Upper
69	100		
41	64.7	58.6	88.0
39	43.3	38.3	57.5





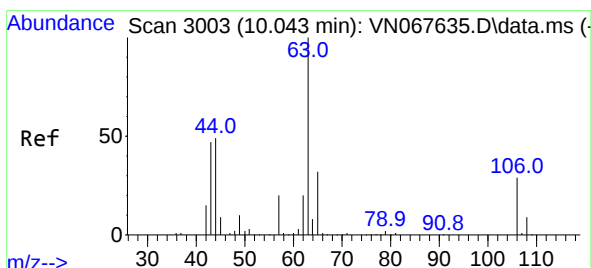
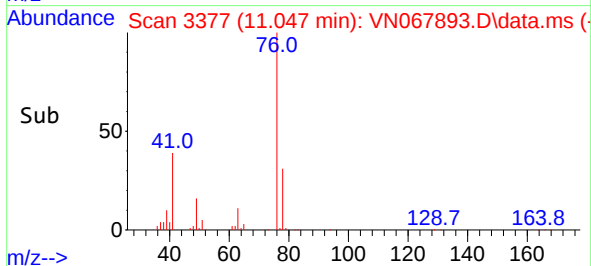
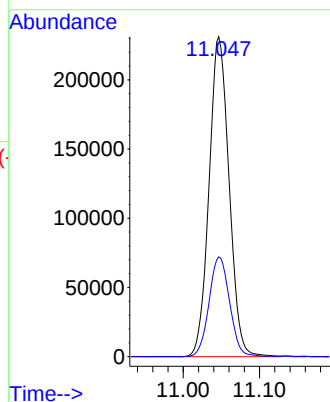
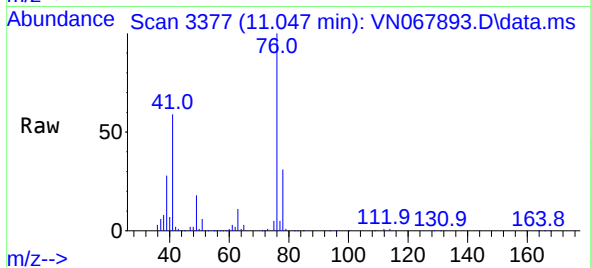
#57
1,3-Dichloropropane
Concen: 53.917 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 76 Resp: 421138
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

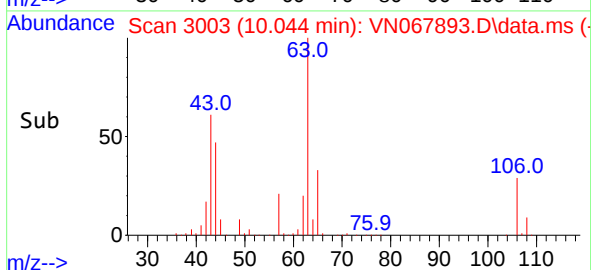
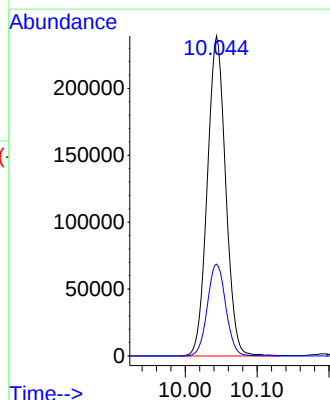
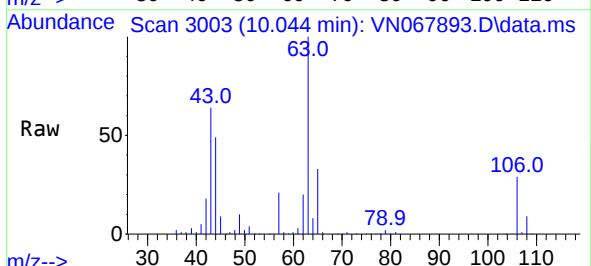
Manual Integrations
APPROVED

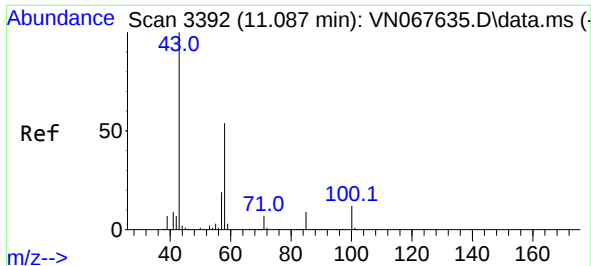
MMDadoda
7/26/2021 5:22:34 PM



#58
2-Chloroethyl Vinyl ether
Concen: 228.561 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.001 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 63 Resp: 424800
Ion Ratio Lower Upper
63 100
106 28.7 19.8 29.8





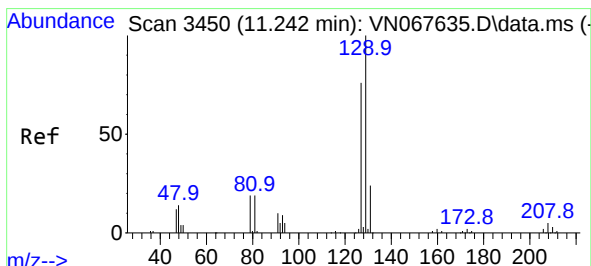
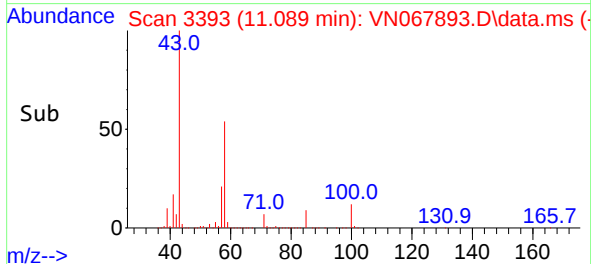
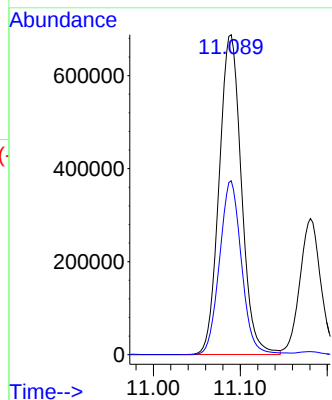
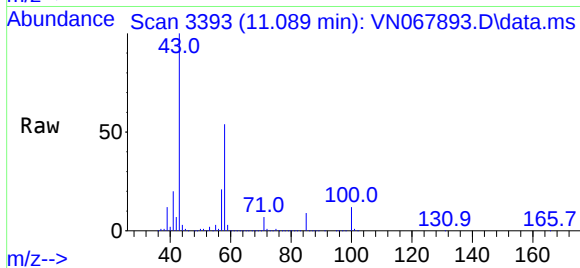
#59
2-Hexanone
Concen: 276.318 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 43 Resp: 1224231
Ion Ratio Lower Upper
43 100
58 53.7 24.7 74.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

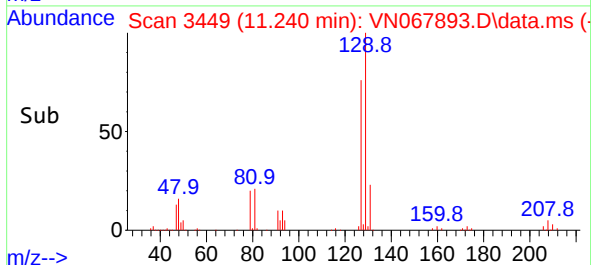
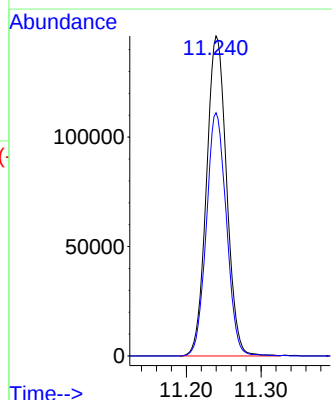
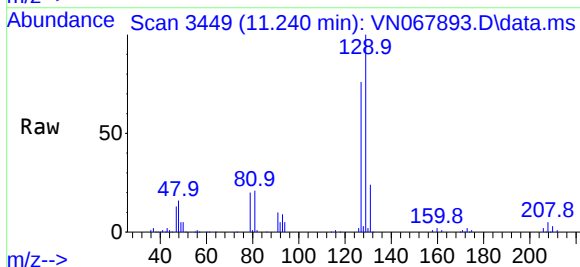
Manual Integrations
APPROVED

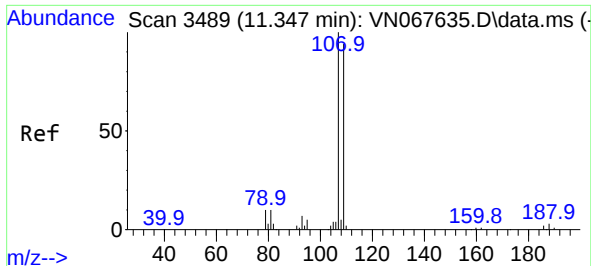
MMDadoda
7/26/2021 5:22:34 PM



#60
Dibromochloromethane
Concen: 48.878 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.002 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

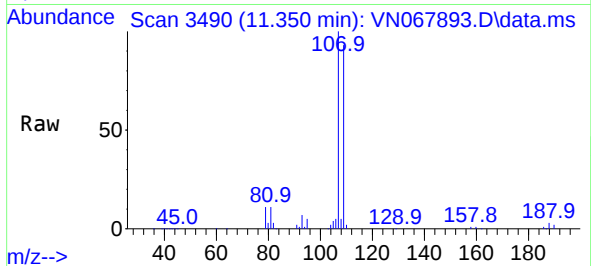
Tgt Ion:129 Resp: 272942
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 55.558 ug/l
RT: 11.350 min Scan# 3490
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

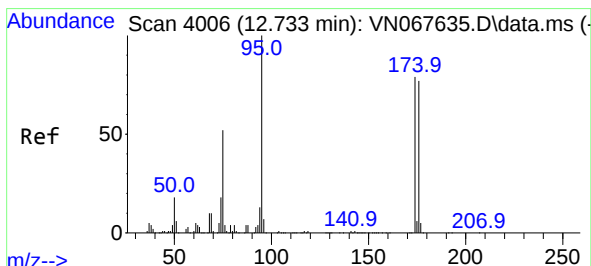
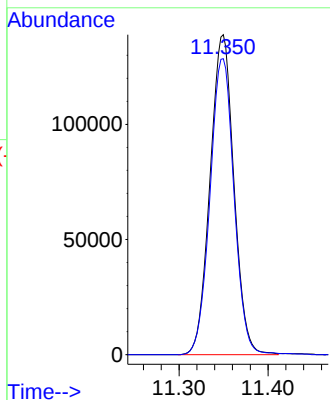
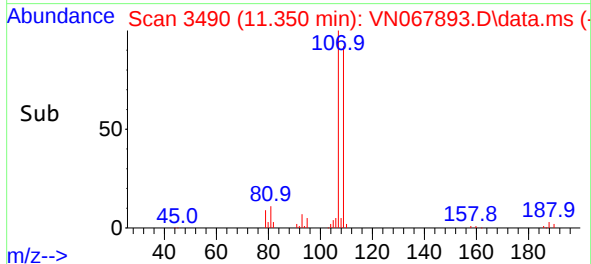
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



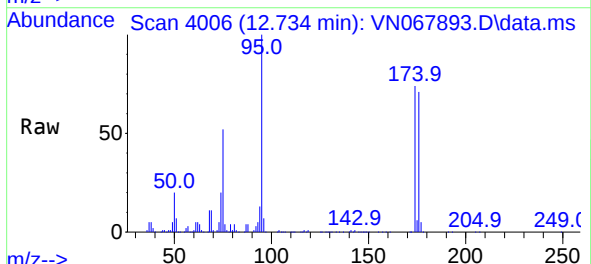
Tgt Ion:107 Resp: 258373
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.4

Manual Integrations
APPROVED

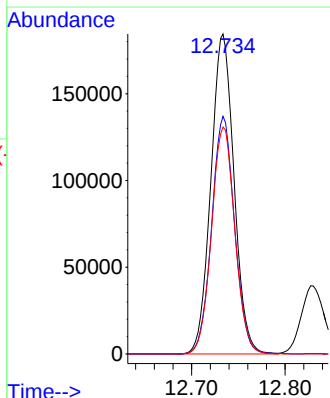
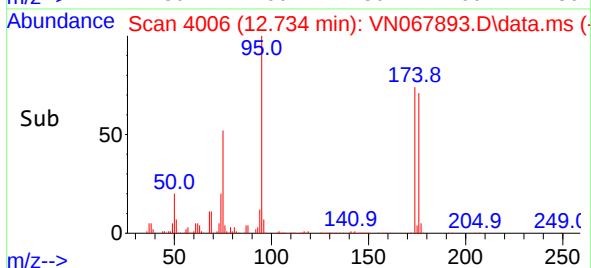
MMDadoda
7/26/2021 5:22:34 PM

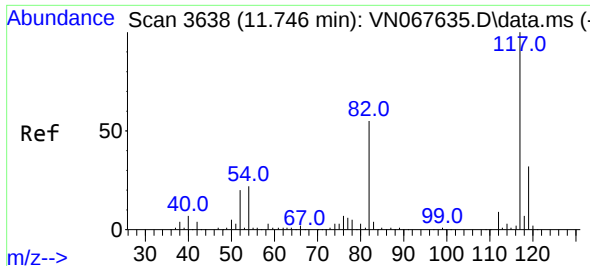


#62
4-Bromofluorobenzene
Concen: 54.422 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



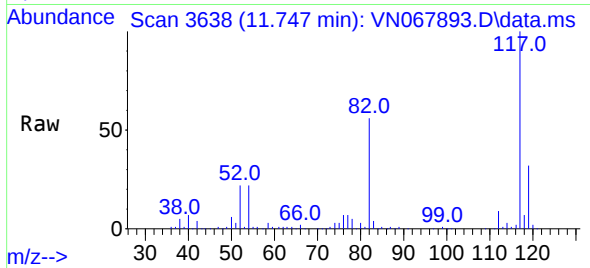
Tgt Ion: 95 Resp: 317280
Ion Ratio Lower Upper
95 100
174 73.7 0.0 122.0
176 71.6 0.0 117.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

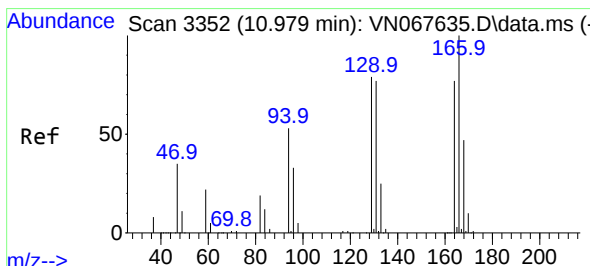
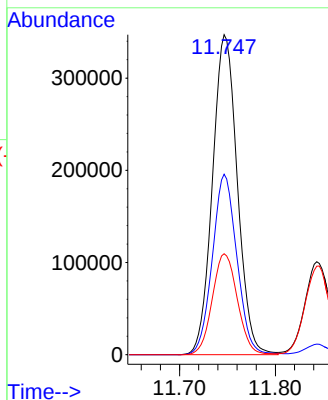
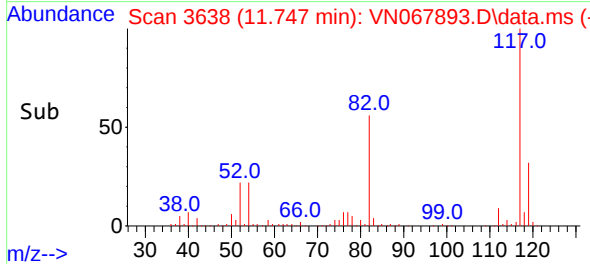
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



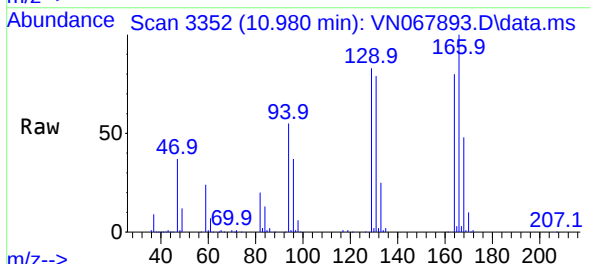
Tgt Ion:117 Resp: 625160
Ion Ratio Lower Upper
117 100
82 56.4 53.1 79.7
119 31.6 25.5 38.3

Manual Integrations
APPROVED

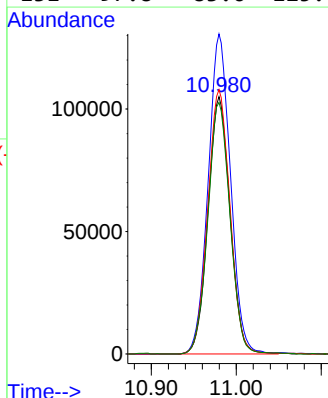
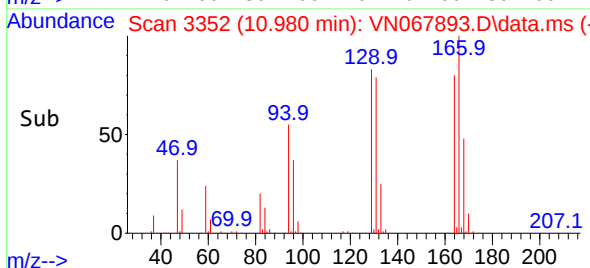
MMDadoda
7/26/2021 5:22:34 PM

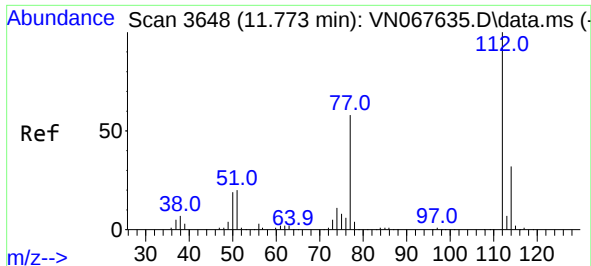


#64
Tetrachloroethene
Concen: 43.019 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



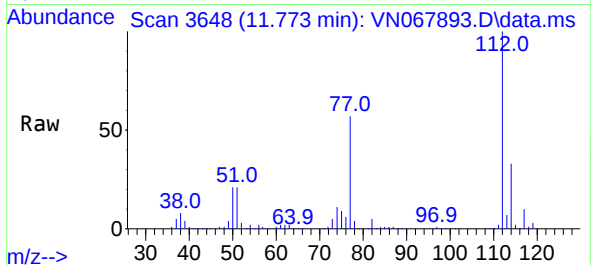
Tgt Ion:164 Resp: 189837
Ion Ratio Lower Upper
164 100
166 124.3 102.1 153.1
129 102.7 86.9 130.3
131 97.8 83.6 125.4





#65
Chlorobenzene
Concen: 53.121 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

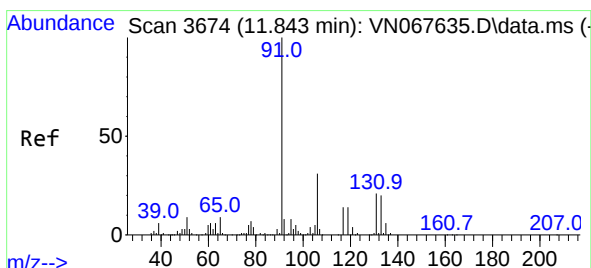
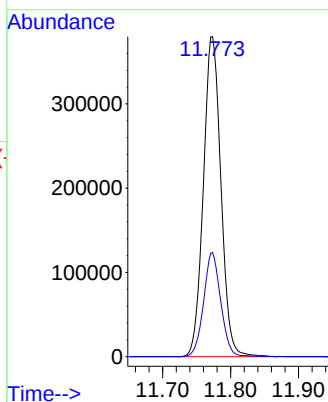
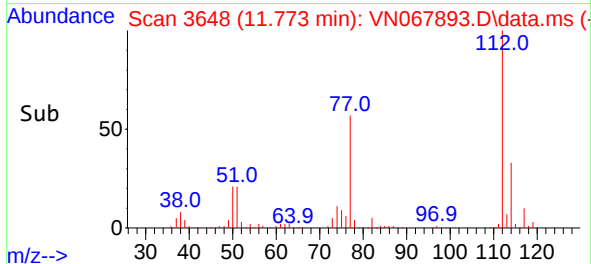
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



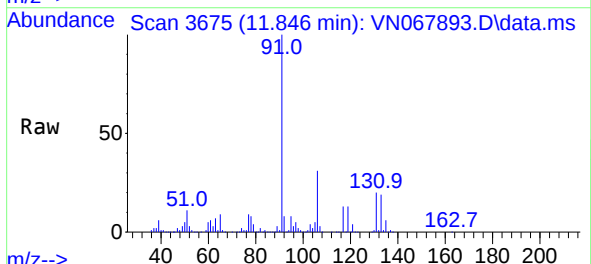
Tgt Ion:112 Resp: 682063
Ion Ratio Lower Upper
112 100
114 32.5 24.6 37.0

Manual Integrations
APPROVED

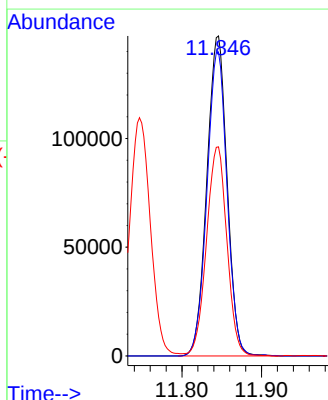
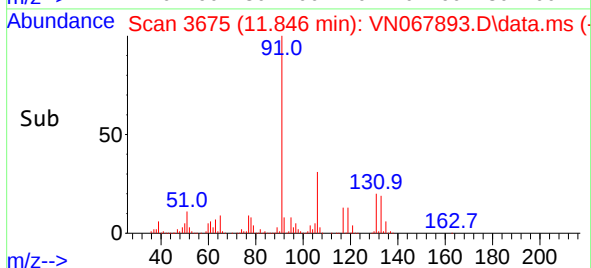
MMDadoda
7/26/2021 5:22:34 PM

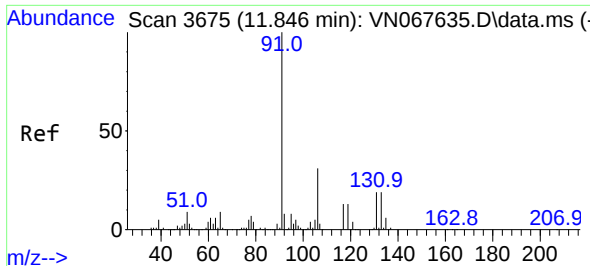


#66
1,1,1,2-Tetrachloroethane
Concen: 57.635 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



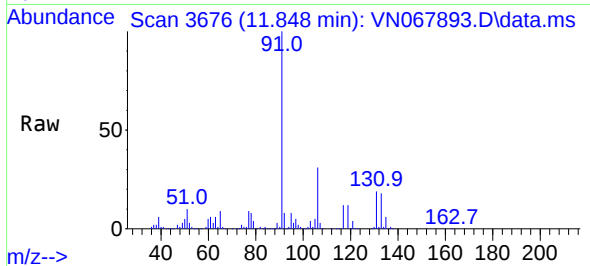
Tgt Ion:131 Resp: 260301
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 66.3 33.1 99.3





#67
Ethyl Benzene
Concen: 53.687 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

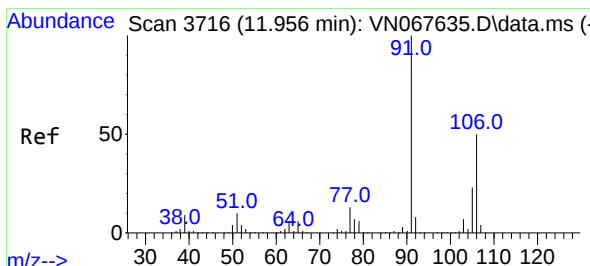
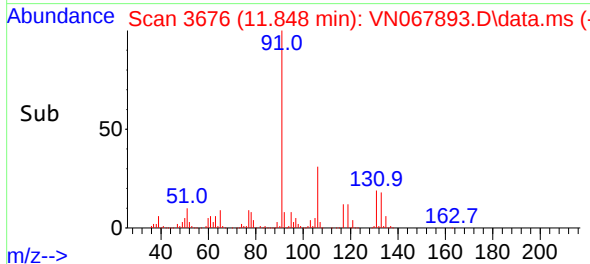
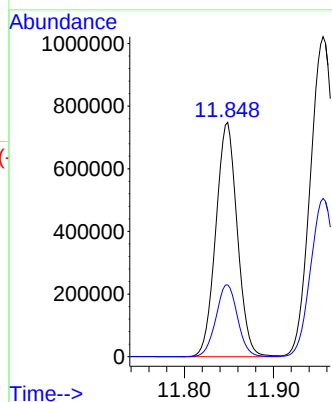
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1254911
Ion Ratio Lower Upper
91 100
106 30.6 23.4 35.0

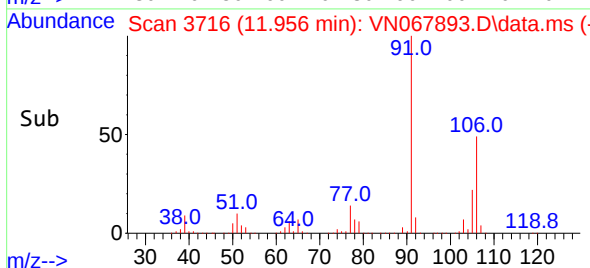
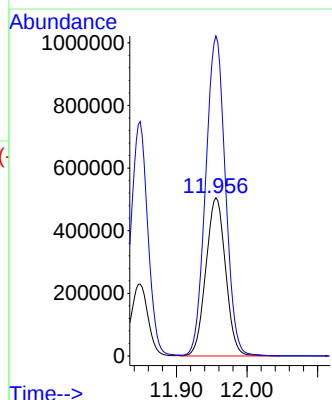
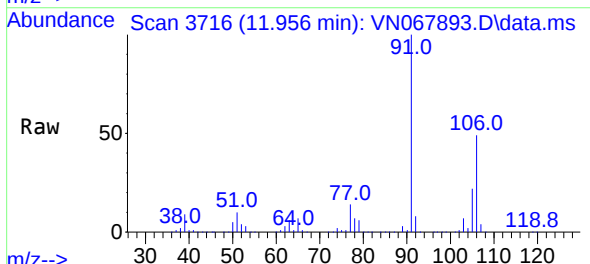
Manual Integrations
APPROVED

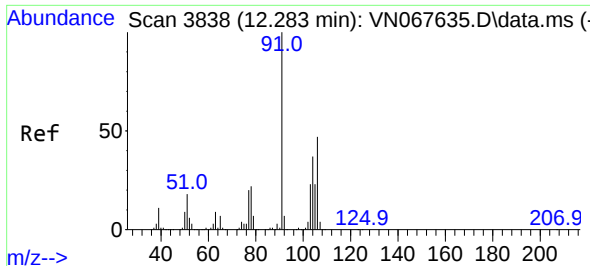
MMDadoda
7/26/2021 5:22:34 PM



#68
m/p-Xylenes
Concen: 110.593 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

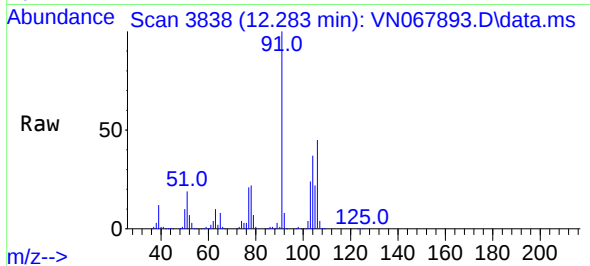
Tgt Ion:106 Resp: 977718
Ion Ratio Lower Upper
106 100
91 203.0 180.6 270.8





#69
o-Xylene
Concen: 54.911 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

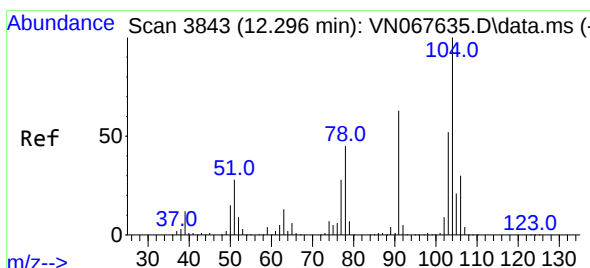
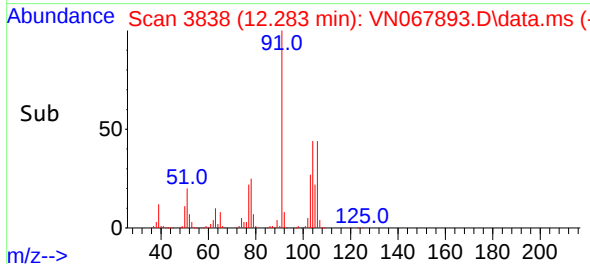
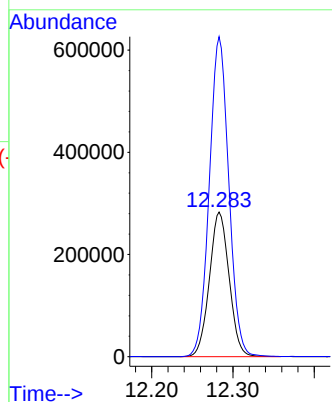
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 477287
Ion Ratio Lower Upper
106 100
91 218.5 118.3 354.9

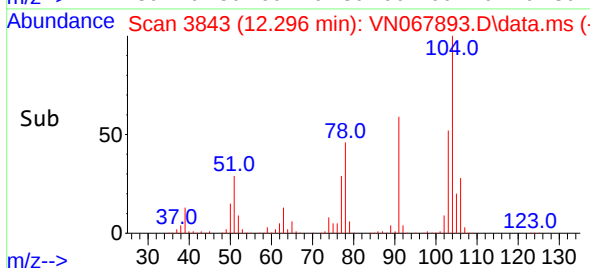
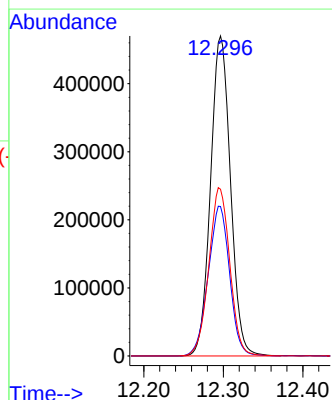
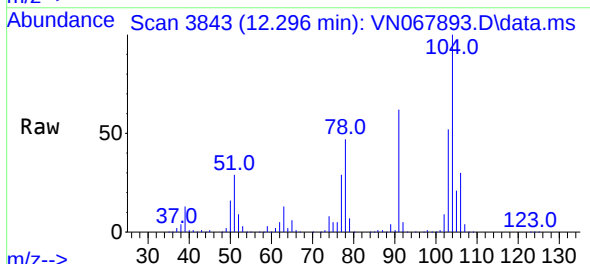
Manual Integrations
APPROVED

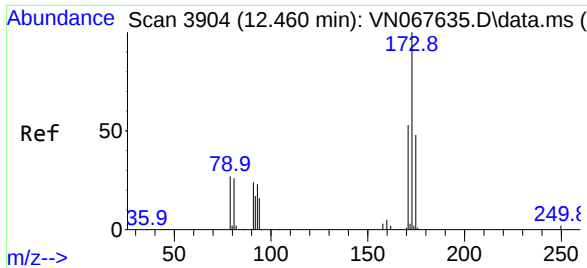
MMDadoda
7/26/2021 5:22:34 PM



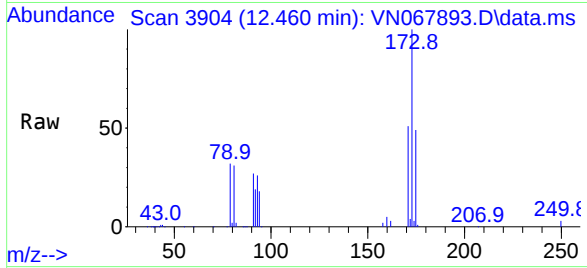
#70
Styrene
Concen: 58.889 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion:104 Resp: 818804
Ion Ratio Lower Upper
104 100
78 50.4 48.2 72.2
103 55.4 44.5 66.7

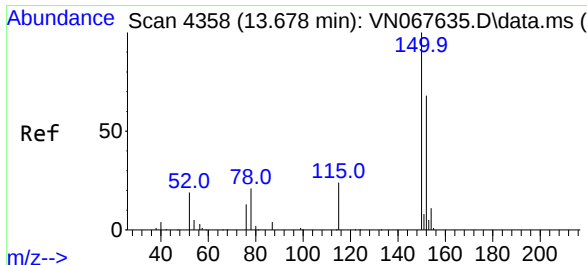
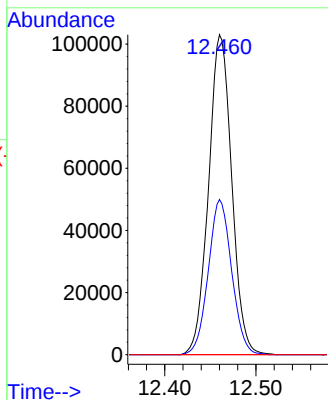
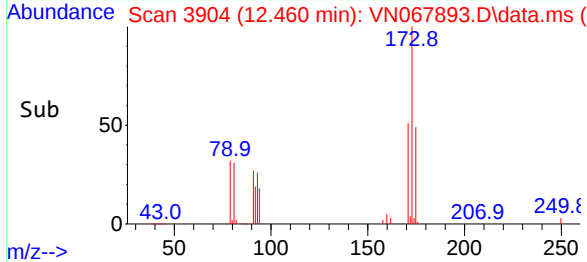




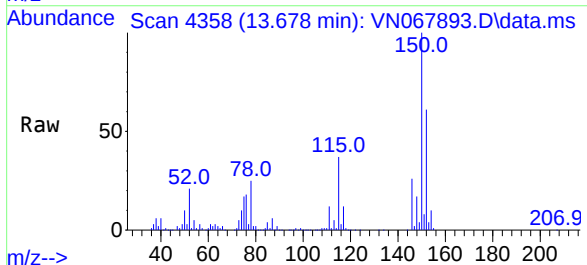
#71
Bromoform
Concen: 45.733 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



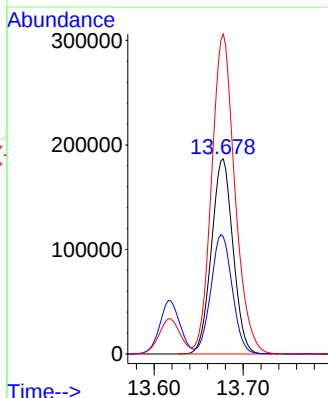
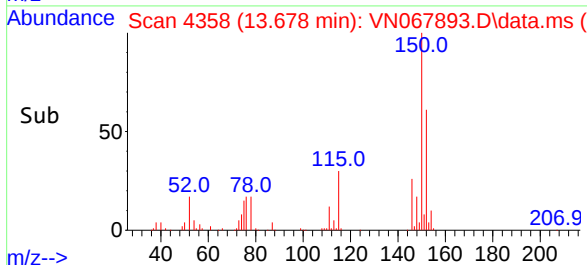
Tgt Ion:173 Resp: 182055
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



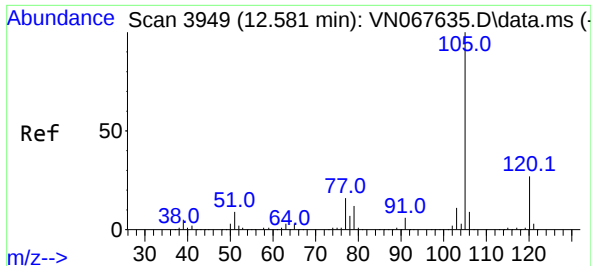
Tgt Ion:152 Resp: 314534
Ion Ratio Lower Upper
152 100
115 60.3 36.1 108.5
150 176.4 0.0 351.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM



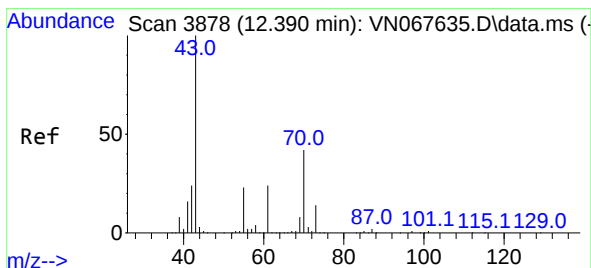
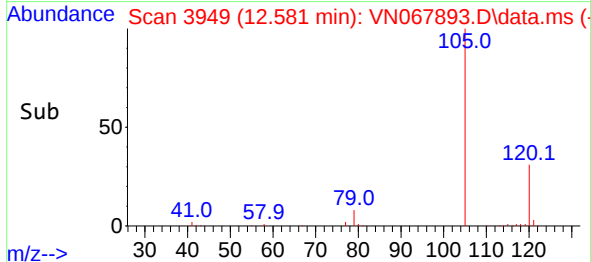
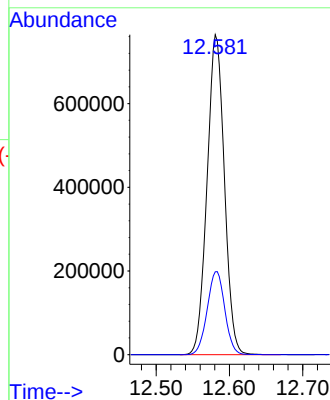
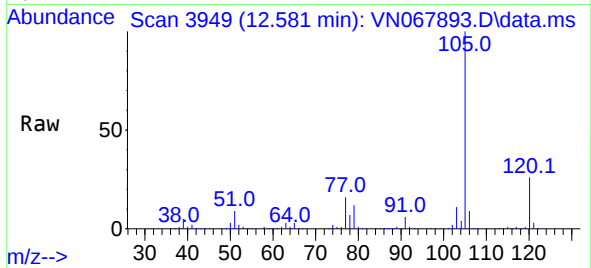
#73
Isopropylbenzene
Concen: 49.393 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1253495
Ion Ratio Lower Upper
105 100
120 26.4 12.5 37.5

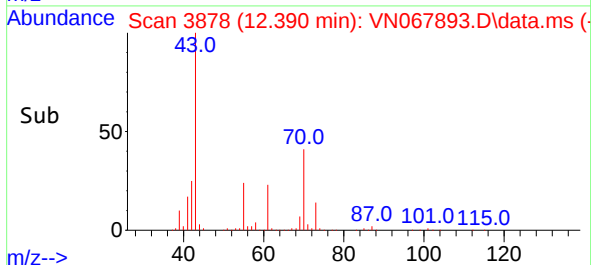
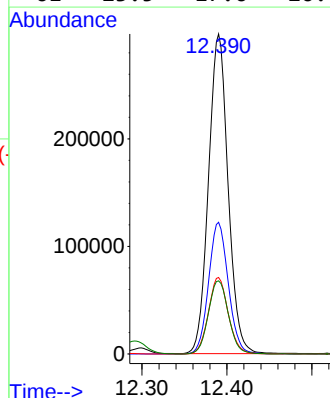
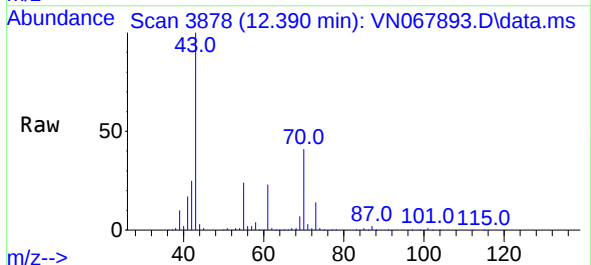
Manual Integrations
APPROVED

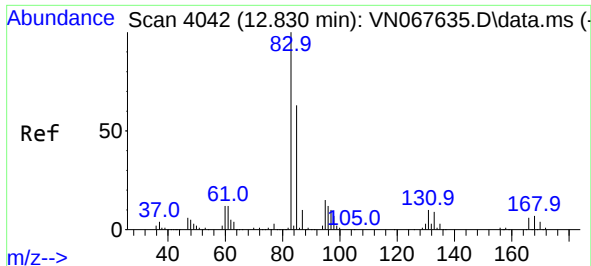
MMDadoda
7/26/2021 5:22:34 PM



#74
N-ethyl acetate
Concen: 51.653 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 43 Resp: 475560
Ion Ratio Lower Upper
43 100
70 41.5 29.4 44.2
55 24.3 17.0 25.4
61 23.5 17.6 26.4





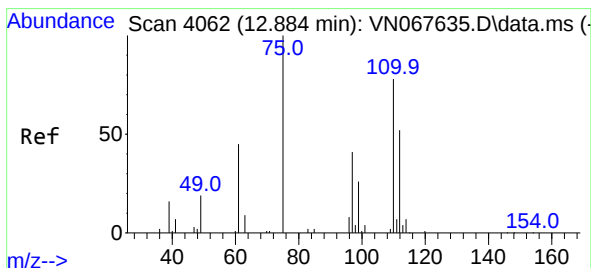
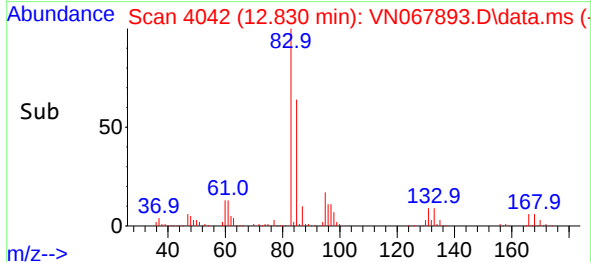
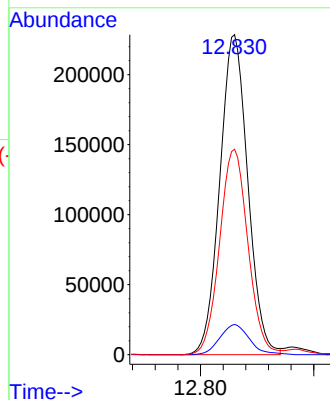
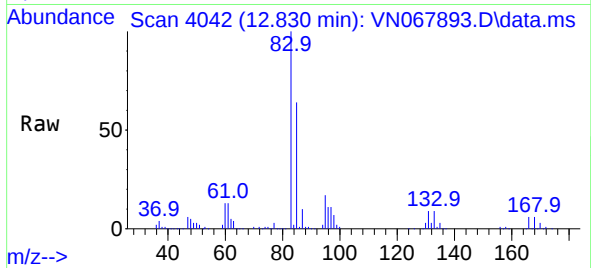
#75
1,1,2,2-Tetrachloroethane
Concen: 53.267 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

Tgt Ion: 83 Resp: 392328
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 65.0 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

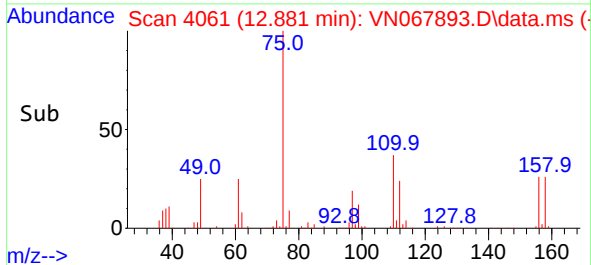
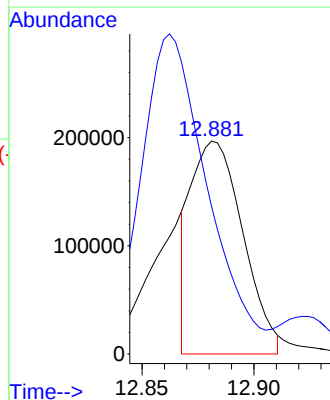
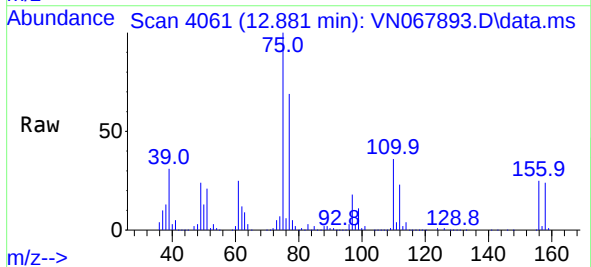
Manual Integrations
APPROVED

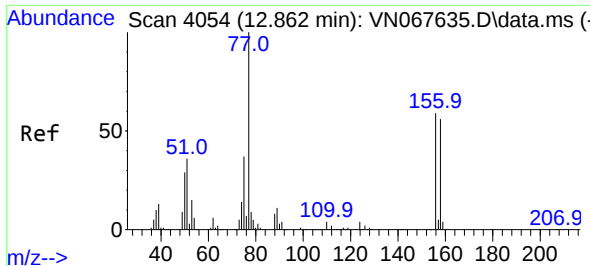
MMDadoda
7/26/2021 5:22:34 PM



#76
1,2,3-Trichloropropane
Concen: 49.506 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

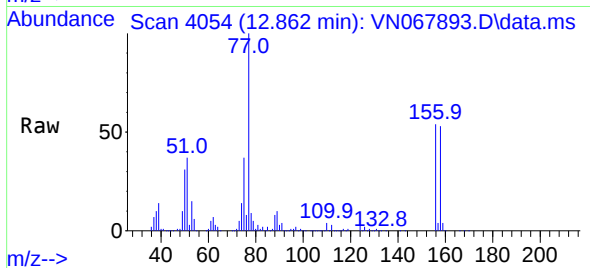
Tgt Ion: 75 Resp: 317994
Ion Ratio Lower Upper
75 100
77 192.7 0.0 0.0#





#77
Bromobenzene
Concen: 50.691 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

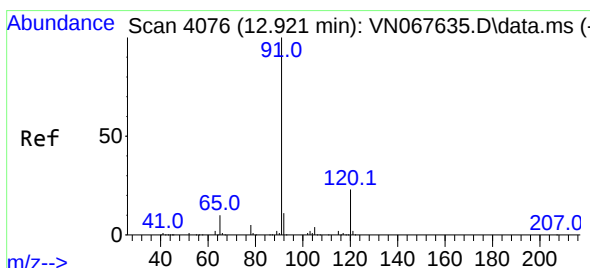
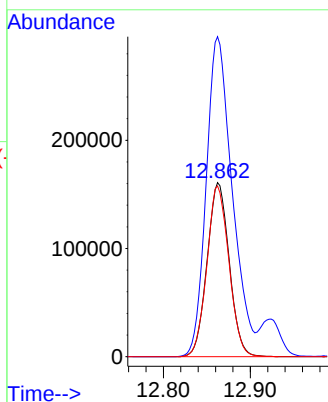
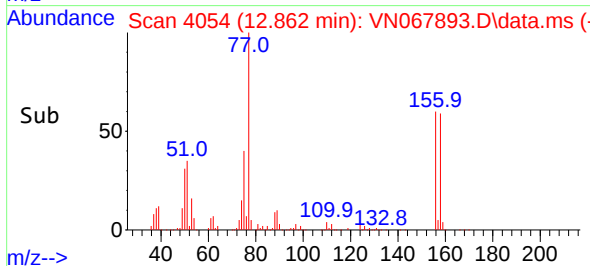
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



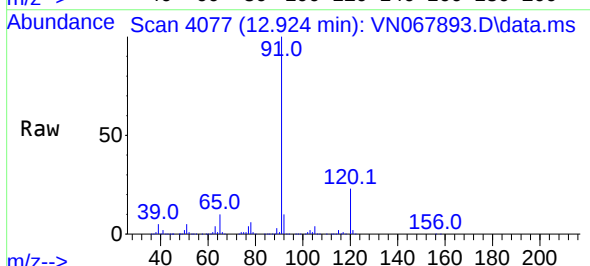
Tgt Ion:156 Resp: 284725
Ion Ratio Lower Upper
156 100
77 215.2 136.2 408.6
158 97.7 48.4 145.3

Manual Integrations
APPROVED

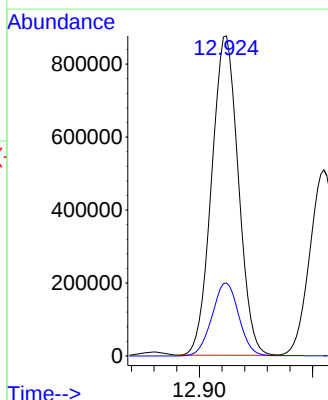
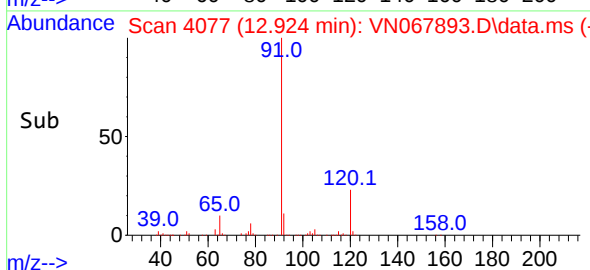
MMDadoda
7/26/2021 5:22:34 PM

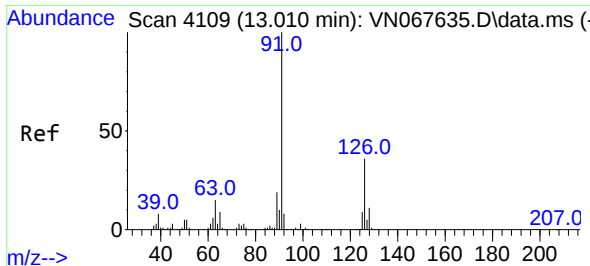


#78
n-propylbenzene
Concen: 49.972 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



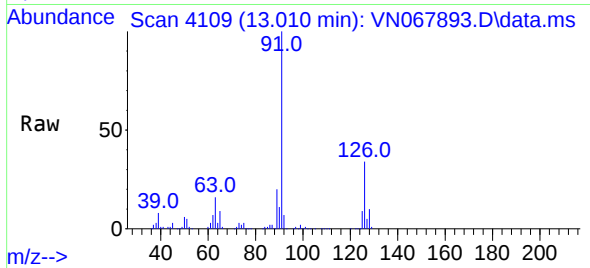
Tgt Ion: 91 Resp: 1434332
Ion Ratio Lower Upper
91 100
120 23.0 10.4 31.4





#79
2-Chlorotoluene
Concen: 50.008 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

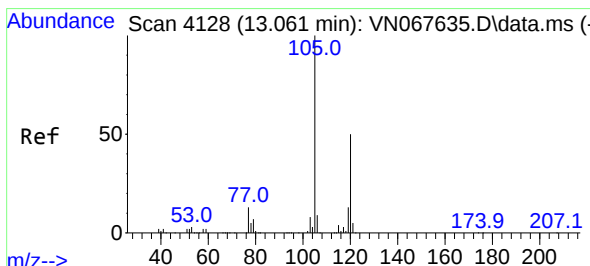
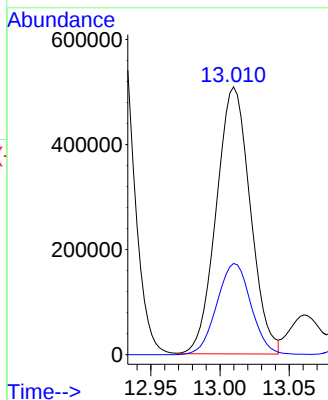
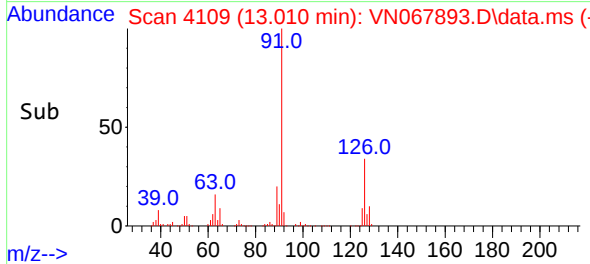
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



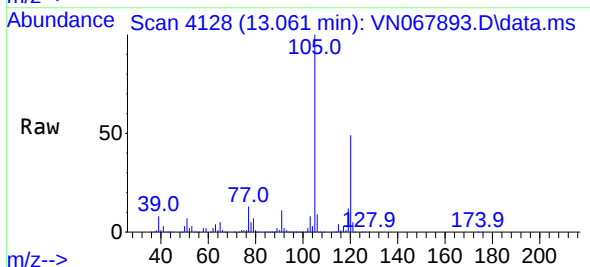
Tgt Ion: 91 Resp: 867190
Ion Ratio Lower Upper
91 100
126 34.5 14.5 43.5

Manual Integrations
APPROVED

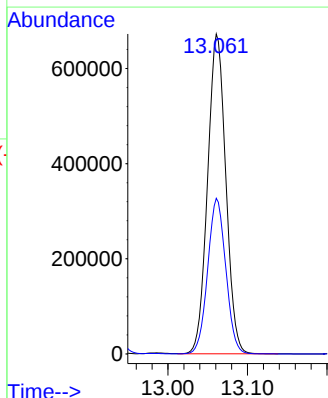
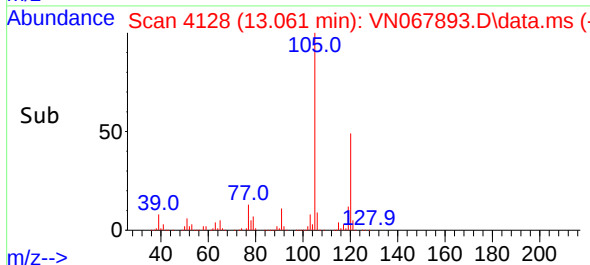
MMDadoda
7/26/2021 5:22:34 PM

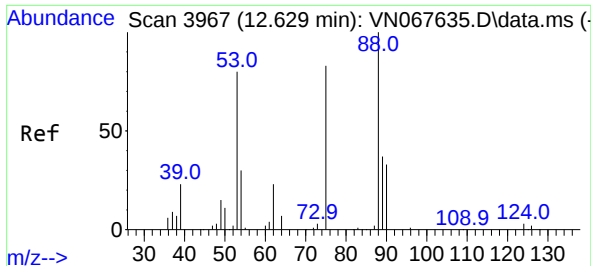


#80
1,3,5-Trimethylbenzene
Concen: 52.092 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



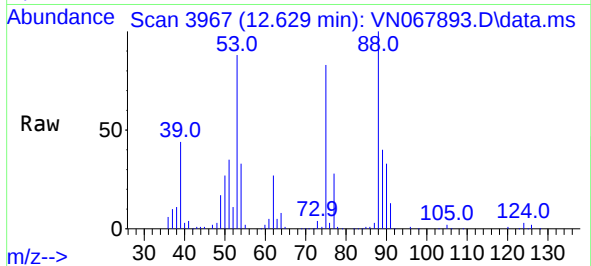
Tgt Ion:105 Resp: 1071163
Ion Ratio Lower Upper
105 100
120 48.4 22.2 66.6





#81
trans-1,4-Dichloro-2-butene
Concen: 52.438 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

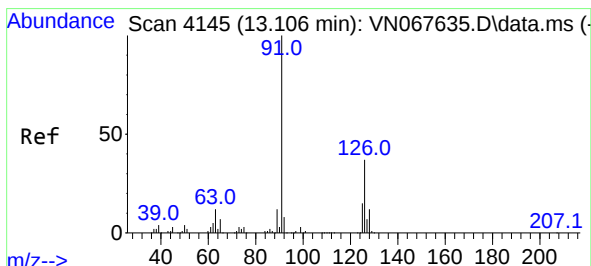
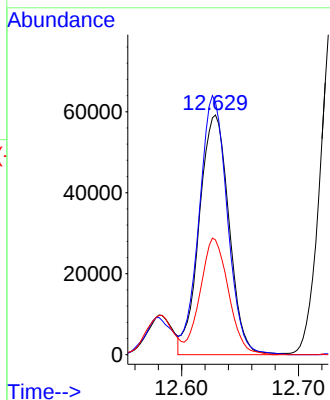
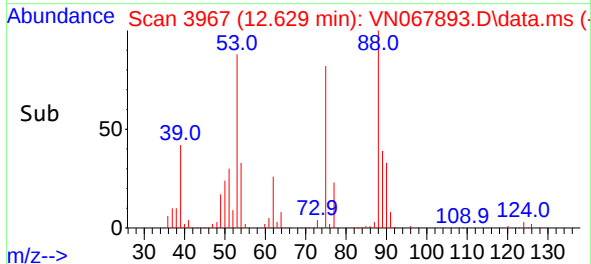
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



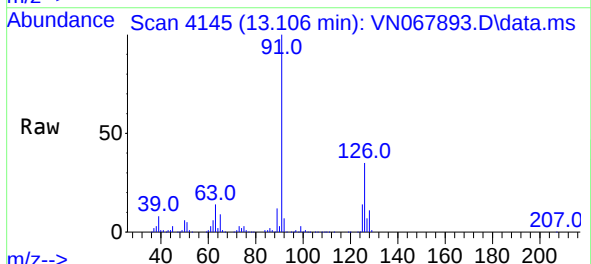
Tgt Ion: 75 Resp: 104471
Ion Ratio Lower Upper
75 100
53 102.8 87.6 131.4
89 46.0 37.8 56.8

Manual Integrations
APPROVED

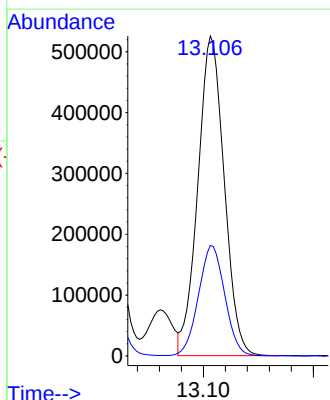
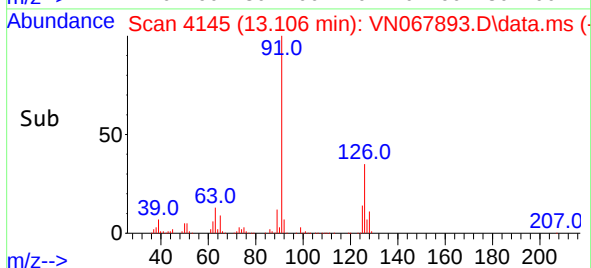
MMDadoda
7/26/2021 5:22:34 PM

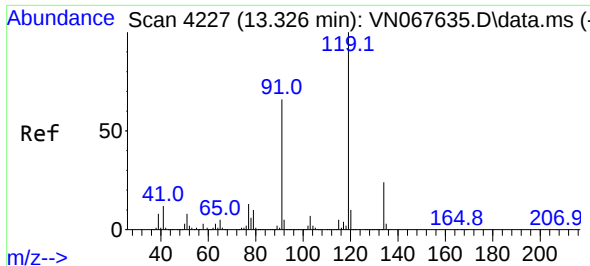


#82
4-Chlorotoluene
Concen: 50.881 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



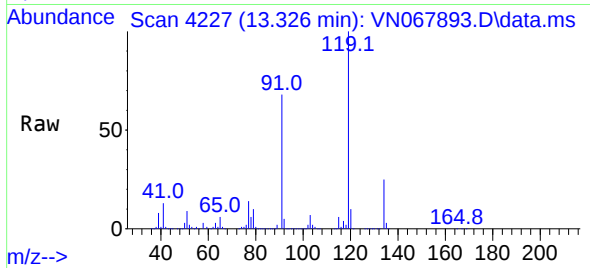
Tgt Ion: 91 Resp: 873096
Ion Ratio Lower Upper
91 100
126 34.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 50.477 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

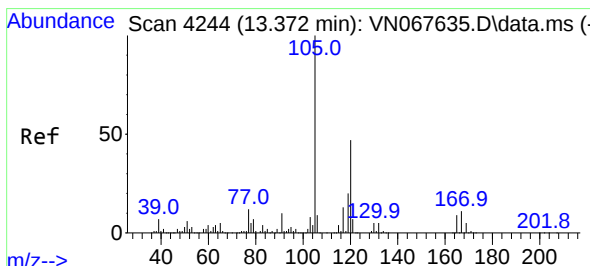
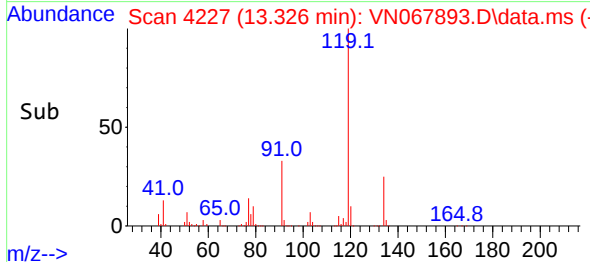
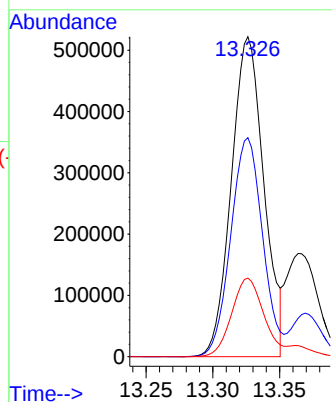
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 885184
Ion Ratio Lower Upper
119 100
91 67.4 39.5 118.5
134 24.5 12.0 36.0

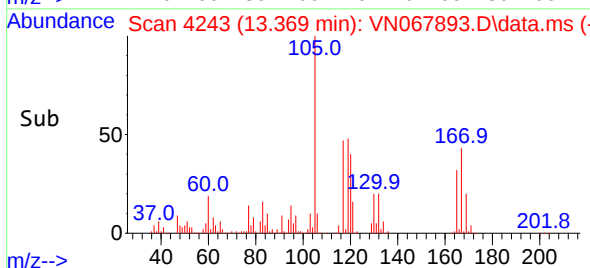
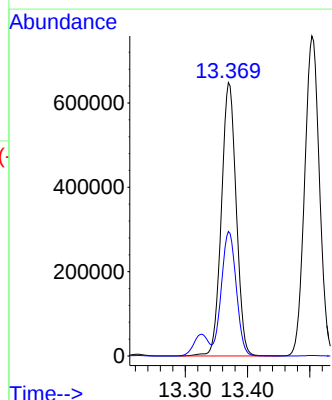
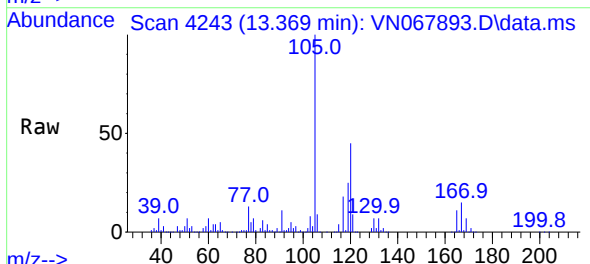
Manual Integrations
APPROVED

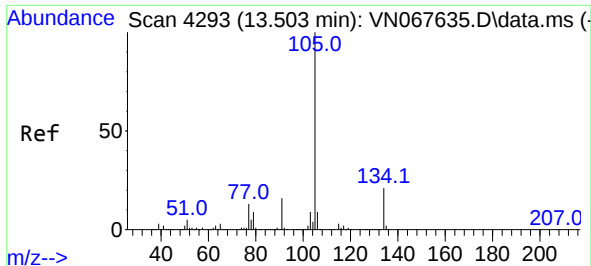
MMDadoda
7/26/2021 5:22:34 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.189 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

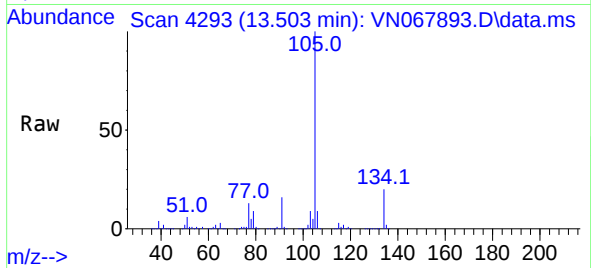
Tgt Ion:105 Resp: 1071675
Ion Ratio Lower Upper
105 100
120 45.6 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 51.445 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067893.D
 Acq: 23 Jul 2021 20:33

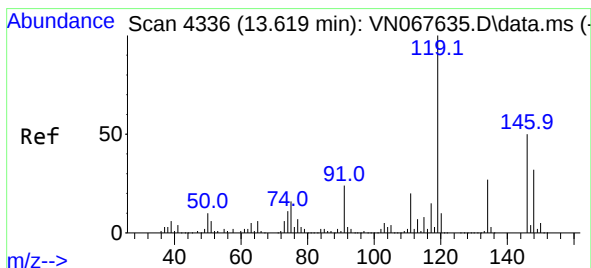
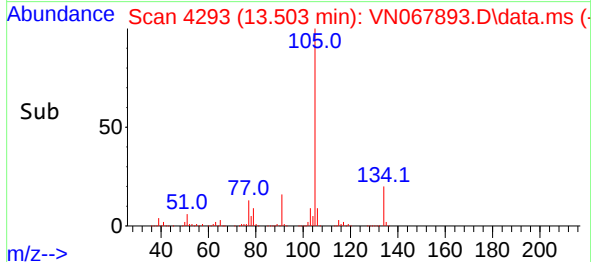
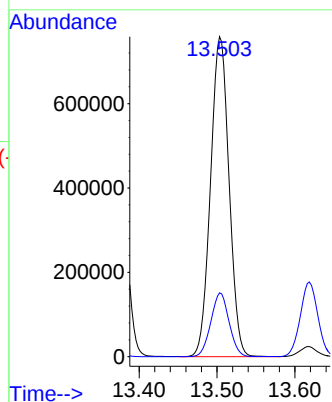
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1248566
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.0 27.1

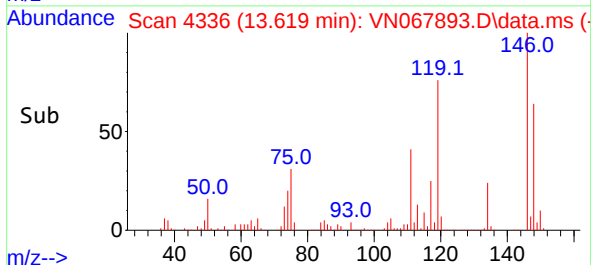
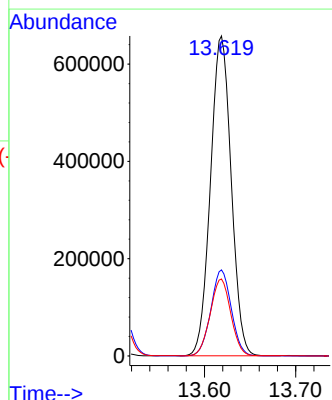
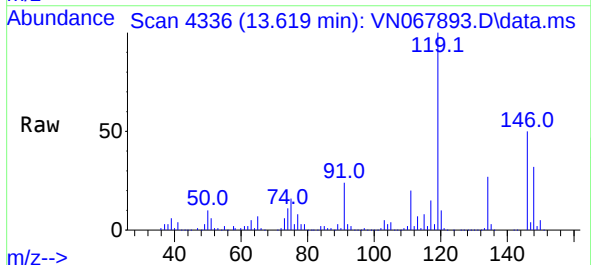
Manual Integrations
 APPROVED

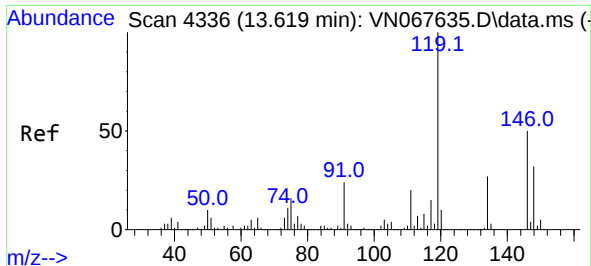
MMDadoda
 7/26/2021 5:22:34 PM



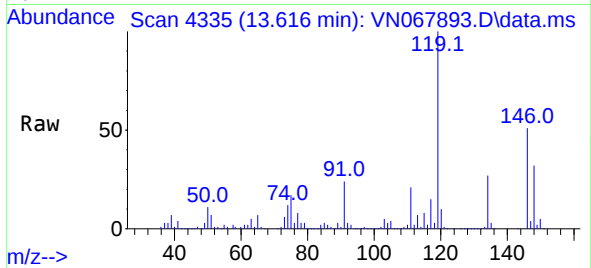
#86
 p-Isopropyltoluene
 Concen: 52.938 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN067893.D
 Acq: 23 Jul 2021 20:33

Tgt Ion:119 Resp: 1036788
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.4 37.4
 91 23.8 14.8 44.3

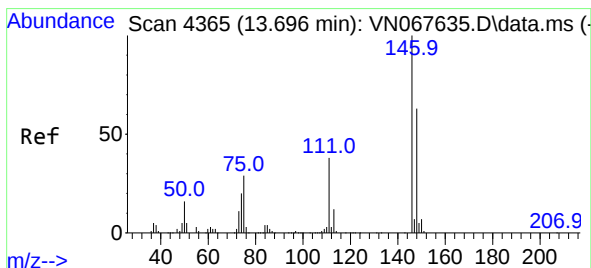
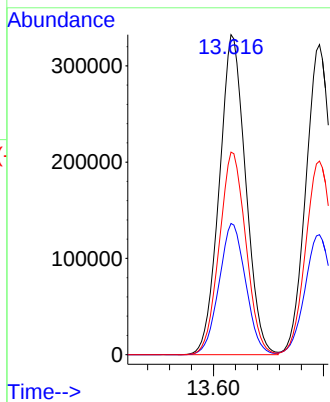
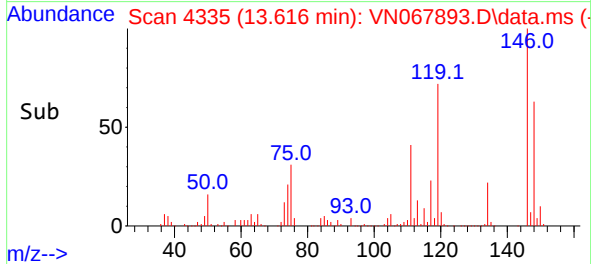




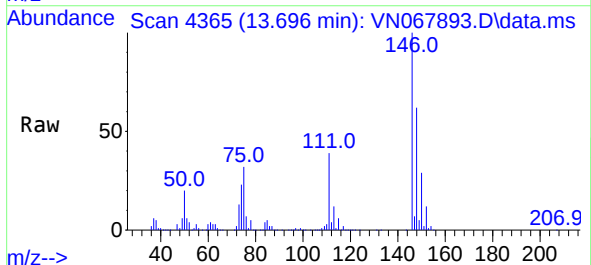
#87
1,3-Dichlorobenzene
Concen: 53.063 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



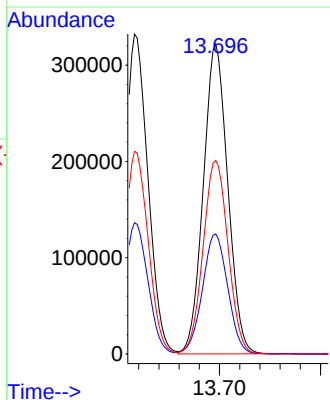
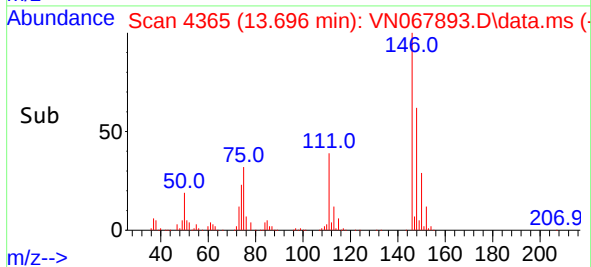
Tgt Ion:146 Resp: 552915
Ion Ratio Lower Upper
146 100
111 41.5 24.3 72.8
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.678 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



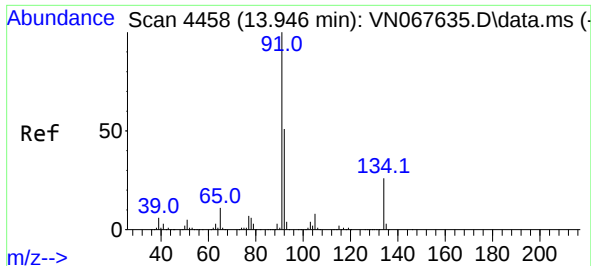
Tgt Ion:146 Resp: 540652
Ion Ratio Lower Upper
146 100
111 40.0 23.4 70.2
148 63.9 31.8 95.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

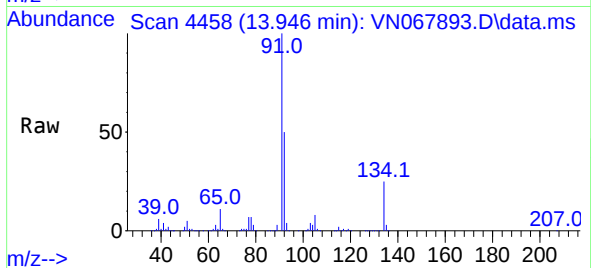
Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM



#89
n-Butylbenzene
Concen: 49.325 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

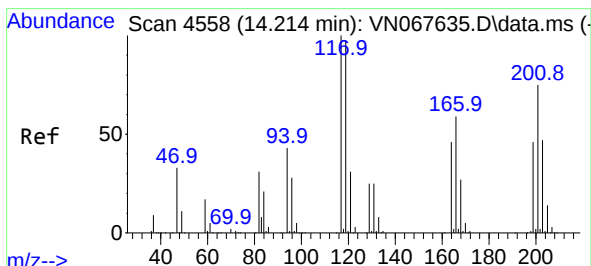
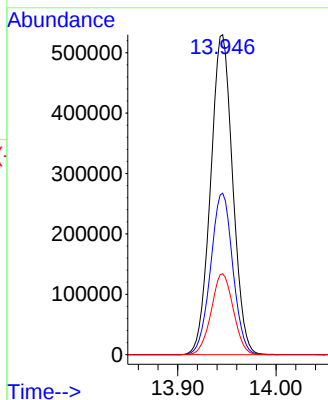
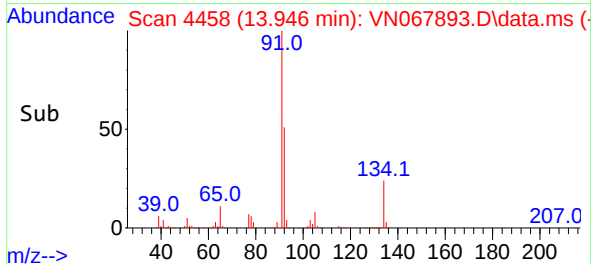
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



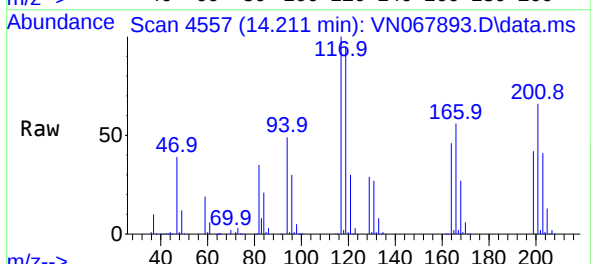
Tgt Ion: 91 Resp: 828590
Ion Ratio Lower Upper
91 100
92 50.8 25.7 77.1
134 25.4 11.2 33.6

Manual Integrations
APPROVED

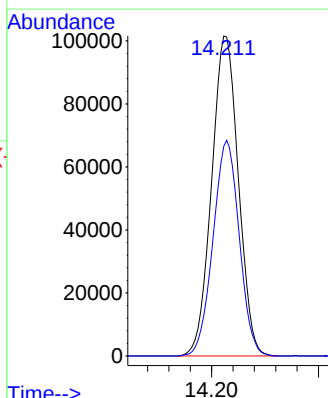
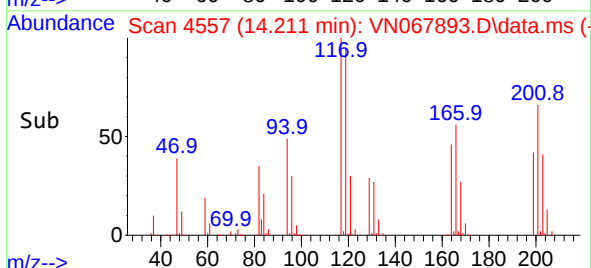
MMDadoda
7/26/2021 5:22:34 PM

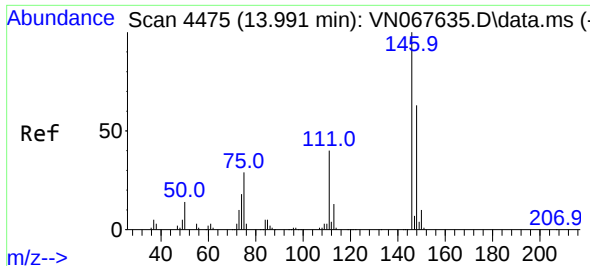


#90
Hexachloroethane
Concen: 54.306 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



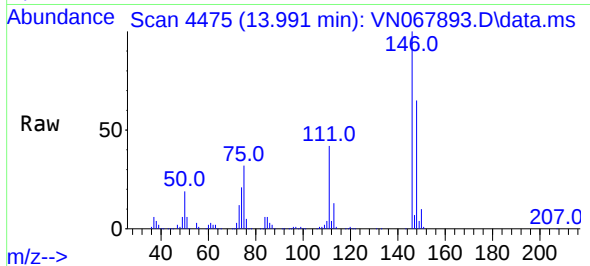
Tgt Ion: 117 Resp: 176642
Ion Ratio Lower Upper
117 100
201 66.0 33.5 100.5





#91
1,2-Dichlorobenzene
Concen: 50.895 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

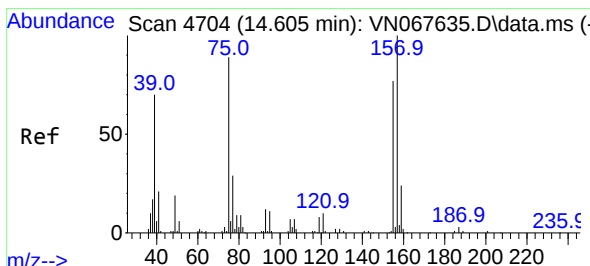
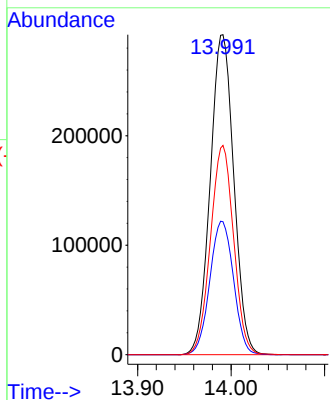
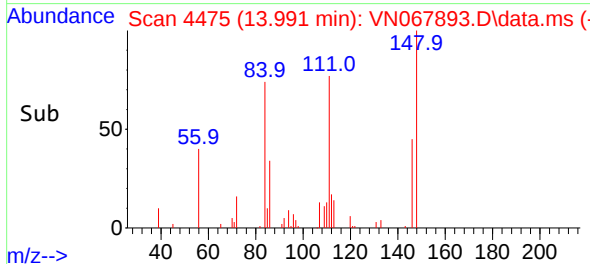
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



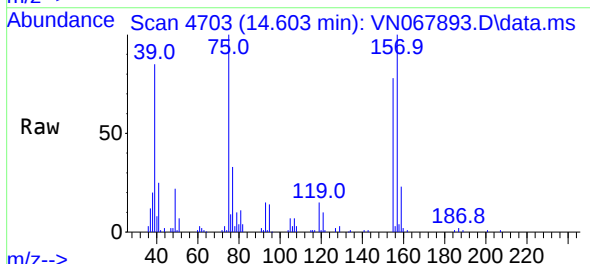
Tgt Ion:146 Resp: 511916
Ion Ratio Lower Upper
146 100
111 42.0 24.9 74.6
148 64.4 31.6 95.0

Manual Integrations
APPROVED

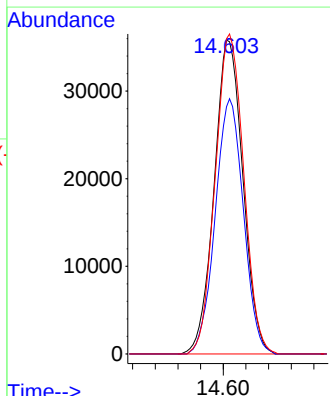
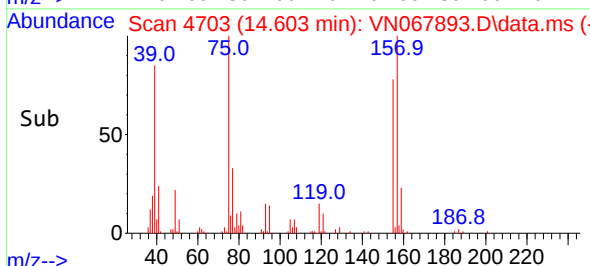
MMDadoda
7/26/2021 5:22:34 PM

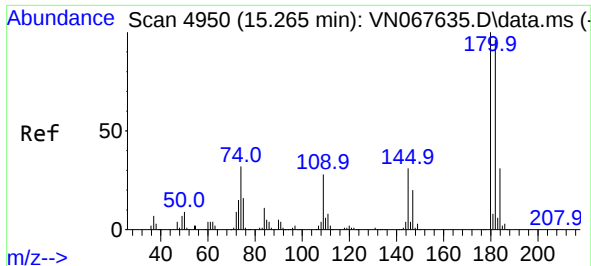


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.330 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



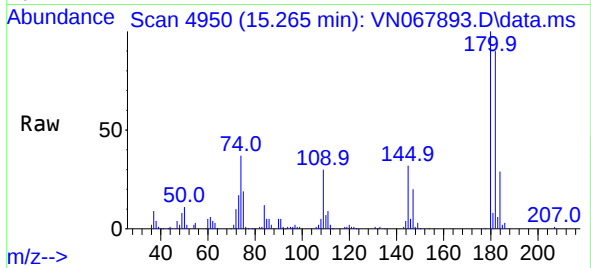
Tgt Ion: 75 Resp: 63104
Ion Ratio Lower Upper
75 100
155 79.7 29.8 89.5
157 101.0 37.6 112.8





#93
1,2,4-Trichlorobenzene
Concen: 40.561 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

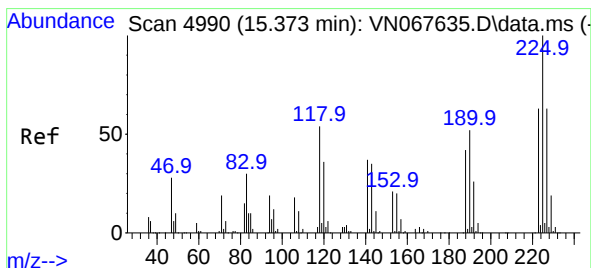
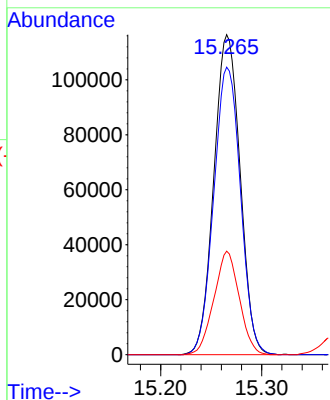
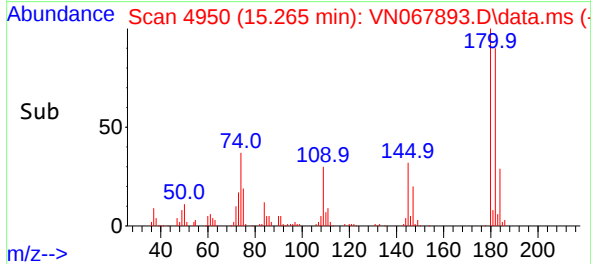
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



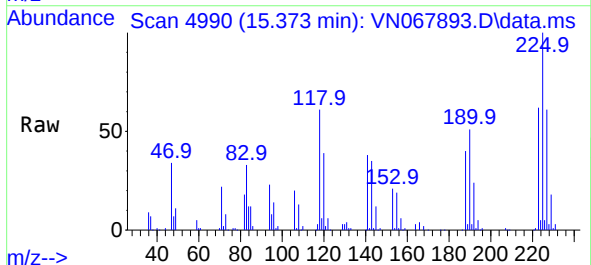
Tgt Ion:180 Resp: 209727
Ion Ratio Lower Upper
180 100
182 91.6 47.5 142.5
145 31.3 17.2 51.6

Manual Integrations
APPROVED

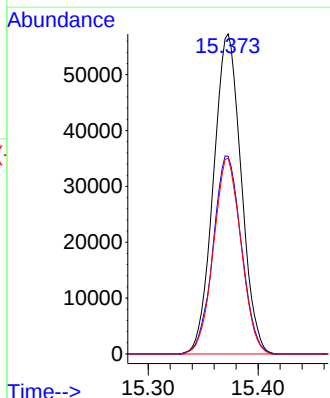
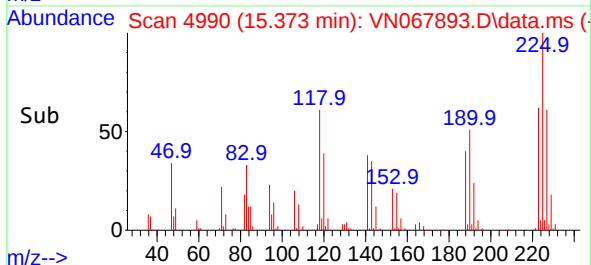
MMDadoda
7/26/2021 5:22:34 PM

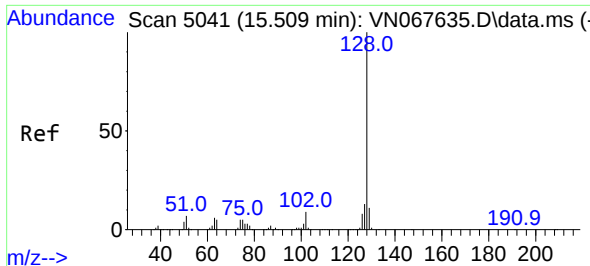


#94
Hexachlorobutadiene
Concen: 47.534 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



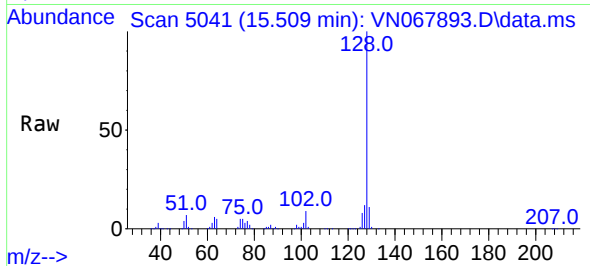
Tgt Ion:225 Resp: 100465
Ion Ratio Lower Upper
225 100
223 63.1 31.4 94.0
227 60.8 31.2 93.6





#95
Naphthalene
Concen: 39.420 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33

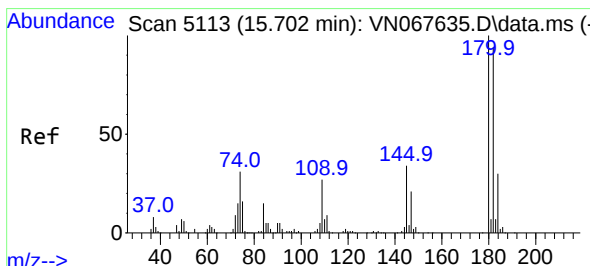
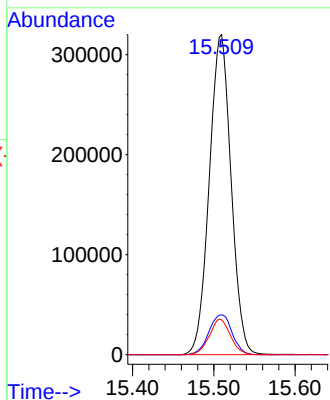
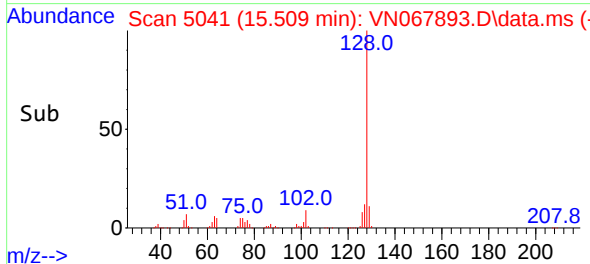
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



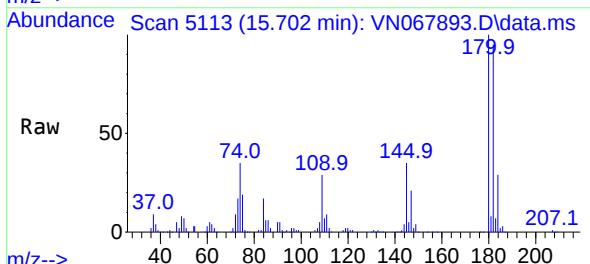
Tgt Ion:128 Resp: 596625
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
7/26/2021 5:22:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 40.097 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067893.D
Acq: 23 Jul 2021 20:33



Tgt Ion:180 Resp: 198618
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 34.7 18.2 54.6

