

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004391.D
 Acq On : 12 Apr 2021 17:58
 Operator : SY/MD
 Sample : M1998-10MSD
 Misc : 3.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5A

Manual Integrations
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Quant Time: Apr 13 03:56:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	159490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	263401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	210946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86113	48.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.20%		
35) Dibromofluoromethane	7.728	113	34678	23.72	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	47.44%#		
50) Toluene-d8	10.185	98	287493	46.24	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.48%		
62) 4-Bromofluorobenzene	12.483	95	80684	38.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	76.48%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	77473	52.43	ug/l	98
3) Chloromethane	2.119	50	106988	50.07	ug/l	98
4) Vinyl Chloride	2.259	62	119665	53.03	ug/l	98
5) Bromomethane	2.662	94	51062	46.38	ug/l	99
6) Chloroethane	2.802	64	71574	52.90	ug/l	100
7) Trichlorofluoromethane	3.137	101	138517	49.08	ug/l	99
8) Diethyl Ether	3.540	74	47727	50.03	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	68174	43.55	ug/l	99
10) Methyl Iodide	4.101	142	78868	42.09	ug/l	99
11) Tert butyl alcohol	4.978	59	35408	202.75	ug/l	98
12) 1,1-Dichloroethene	3.881	96	79221	51.17	ug/l	99
13) Acrolein	3.741	56	3146	16.21	ug/l	99
14) Allyl chloride	4.497	41	129804	43.84	ug/l	98
15) Acrylonitrile	5.186	53	111272	217.42	ug/l	100
16) Acetone	3.960	43	141951	388.04	ug/l	97
17) Carbon Disulfide	4.204	76	216947	45.51	ug/l	100
18) Methyl Acetate	4.491	43	22469	18.20	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	228631	49.15	ug/l	100
20) Methylene Chloride	4.735	84	93219	54.47	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	87476	49.94	ug/l	99
22) Diisopropyl ether	6.137	45	308412	49.28	ug/l	91
24) 1,1-Dichloroethane	6.033	63	164883	51.57	ug/l	99
25) 2-Butanone	7.003	43	154546	228.95	ug/l	96
26) 2,2-Dichloropropane	6.996	77	142133	49.54	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	98790	50.41	ug/l	100
28) Bromochloromethane	7.350	49	79184	54.49	ug/l	99
29) Tetrahydrofuran	7.362	42	102911	213.39	ug/l	99
30) Chloroform	7.521	83	161686	51.46	ug/l	100
31) Cyclohexane	7.795	56	116706	35.93	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	141062	49.48	ug/l	100
36) 1,1-Dichloropropene	7.929	75	119773	45.76	ug/l	100
37) Ethyl Acetate	7.088	43	38098	22.60	ug/l	99
38) Carbon Tetrachloride	7.911	117	92470	40.87	ug/l	97
39) Methylcyclohexane	9.185	83	76864	23.85	ug/l	99
40) Benzene	8.173	78	361486	49.14	ug/l	99
41) Methacrylonitrile	7.320	41	42073m	41.19	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.246	62	109613	47.51	ug/l	99
43) Isopropyl Acetate	8.283	43	123618	38.69	ug/l	97
44) Trichloroethene	8.947	130	161251	80.40	ug/l	97
45) 1,2-Dichloropropane	9.222	63	92975	48.98	ug/l	99
46) Dibromomethane	9.313	93	48046	46.49	ug/l	100
47) Bromodichloromethane	9.502	83	119066	47.59	ug/l	96
48) Methyl methacrylate	9.301	41	44452	30.21	ug/l	97
49) 1,4-Dioxane	9.307	88	11689	865.97	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	361748	220.40	ug/l	100
52) Toluene	10.252	92	217960	45.79	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	117430	42.55	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	127890	40.80	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	65494	45.99	ug/l	98
56) Ethyl methacrylate	10.514	69	77896	37.72	ug/l	97
57) 1,3-Dichloropropane	10.794	76	118400	46.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	271614	257.05	ug/l	99
59) 2-Hexanone	10.837	43	237724	216.06	ug/l	100
60) Dibromochloromethane	10.990	129	75644	44.70	ug/l	99
61) 1,2-Dibromoethane	11.093	107	61284	44.63	ug/l	98
64) Tetrachloroethene	10.721	164	118262	64.40	ug/l	98
65) Chlorobenzene	11.520	112	204418	47.49	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	76644	49.88	ug/l	99
67) Ethyl Benzene	11.599	91	367393	45.61	ug/l	99
68) m/p-Xylenes	11.709	106	270931	90.52	ug/l	100
69) o-Xylene	12.032	106	127575	45.49	ug/l	98
70) Styrene	12.050	104	218845	47.11	ug/l	99
71) Bromoform	12.215	173	42285	46.40	ug/l #	100
73) Isopropylbenzene	12.331	105	289743	50.60	ug/l	100
74) N-amyl acetate	12.148	43	89431	46.39	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	1140	1.05	ug/l #	71
76) 1,2,3-Trichloropropane	12.636	75	51261m	64.45	ug/l	
77) Bromobenzene	12.611	156	75969	59.18	ug/l	99
78) n-propylbenzene	12.672	91	312573	46.20	ug/l	99
79) 2-Chlorotoluene	12.758	91	191578	51.78	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	217132	46.65	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20030	45.05	ug/l #	76
82) 4-Chlorotoluene	12.855	91	204111	52.24	ug/l	100
83) tert-Butylbenzene	13.081	119	156792	39.36	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	222749	47.42	ug/l	100
85) sec-Butylbenzene	13.257	105	184953	33.28	ug/l	100
86) p-Isopropyltoluene	13.373	119	173267	34.28	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	112476	46.91	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	116033	48.08	ug/l	99
89) n-Butylbenzene	13.703	91	130102	26.96	ug/l	100
90) Hexachloroethane	13.965	117	15568	22.95	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	101686	47.78	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11204	57.63	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	37340	26.54	ug/l	98
94) Hexachlorobutadiene	15.111	225	7443	10.13	ug/l	98
95) Naphthalene	15.239	128	138288	45.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31909	25.71	ug/l	98

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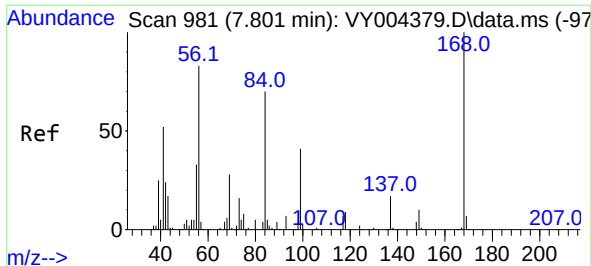
Manual Integrations
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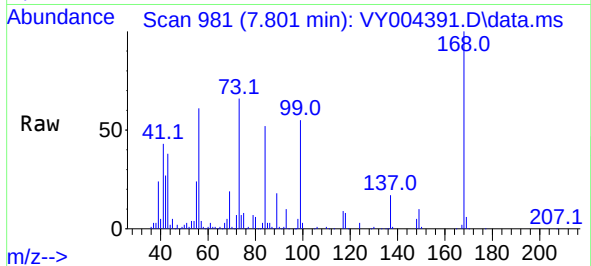
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

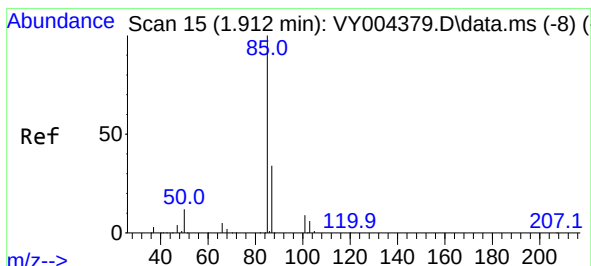
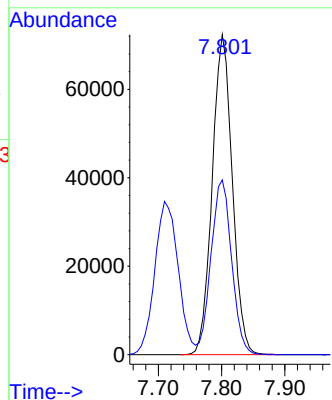
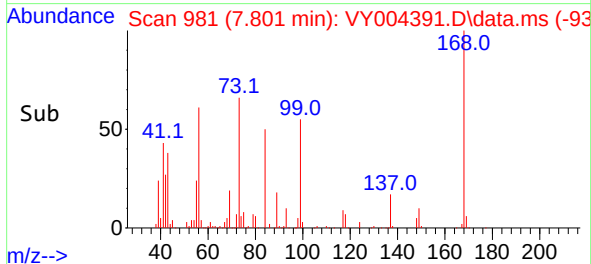
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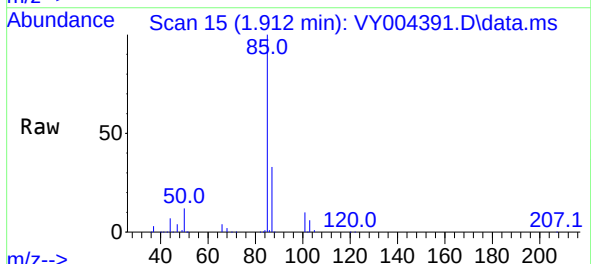
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004391.D
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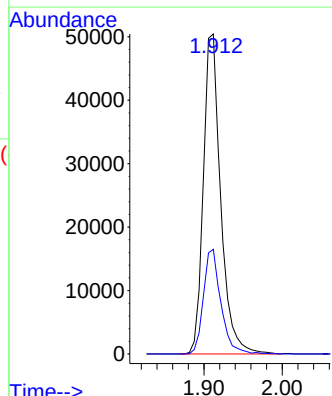
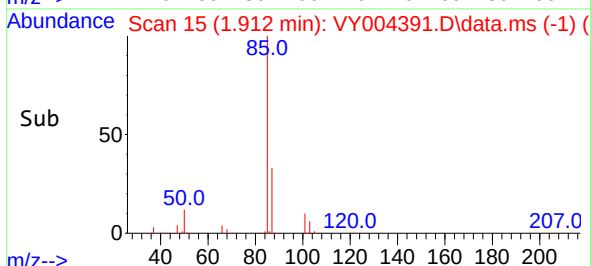
Tgt Ion: 168 Resp: 159490
Ion Ratio Lower Upper
168 100
99 54.6 45.5 68.3



#2
Dichlorodifluoromethane
Concen: 52.43 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY004391.D
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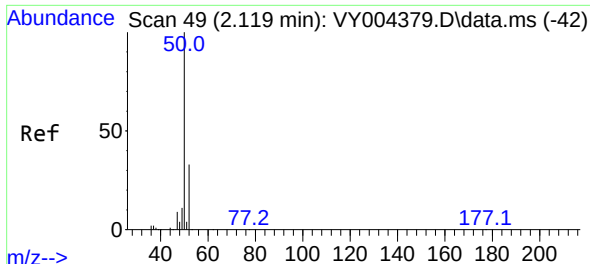
Tgt Ion: 85 Resp: 77473
Ion Ratio Lower Upper
85 100
87 32.7 16.8 50.4



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ClientSampled :
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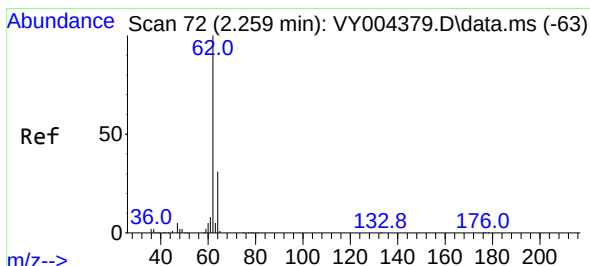
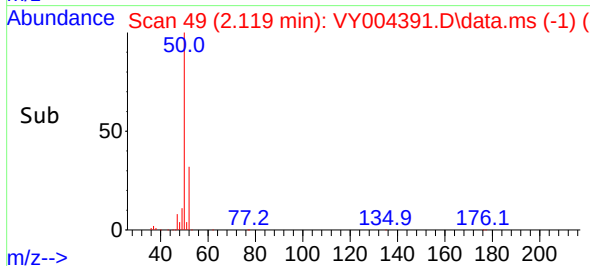
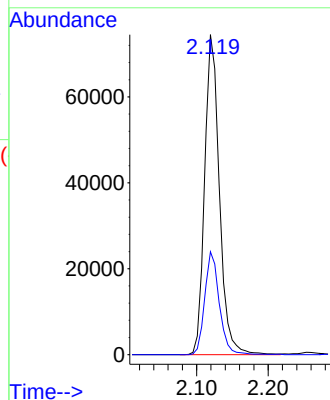
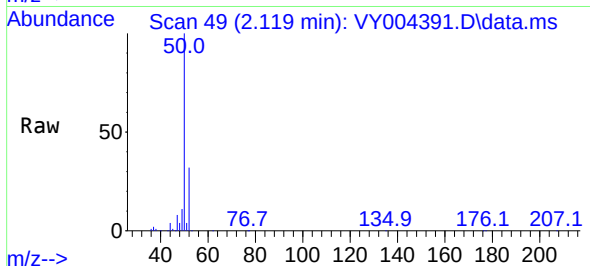
#3
Chloromethane
Concen: 50.07 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 50 Resp: 106988
Ion Ratio Lower Upper
50 100
52 32.2 26.6 39.8

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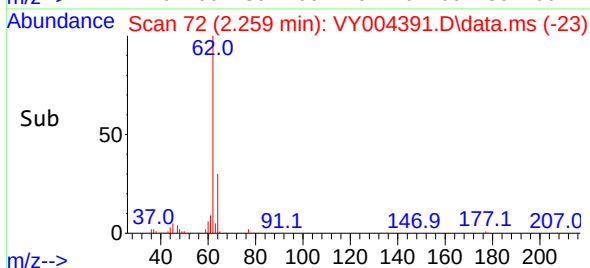
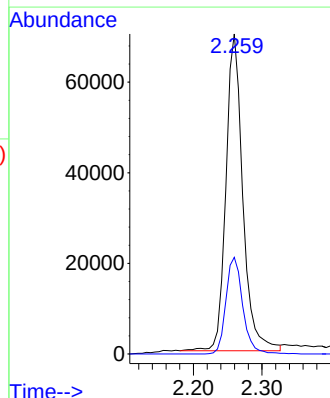
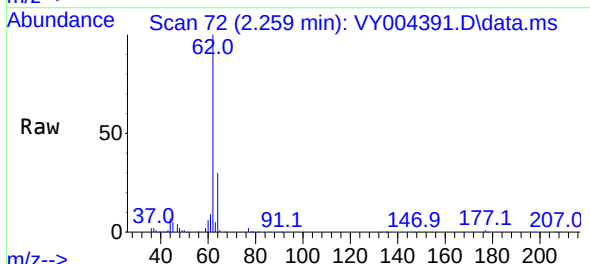
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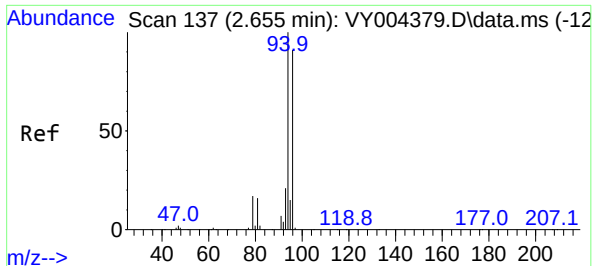
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#4
Vinyl Chloride
Concen: 53.03 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004391.D
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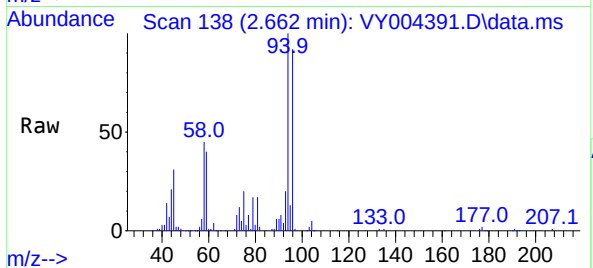
Tgt Ion: 62 Resp: 119665
Ion Ratio Lower Upper
62 100
64 30.5 25.1 37.7





#5
Bromomethane
Concen: 46.38 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

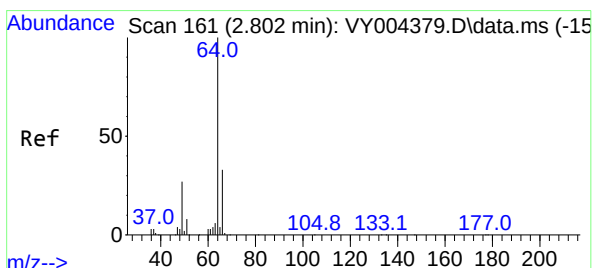
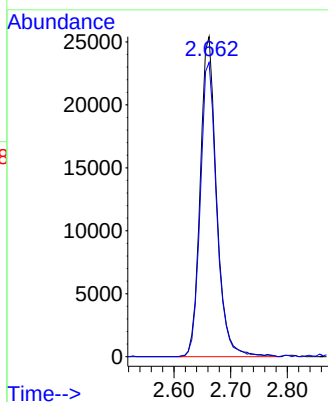
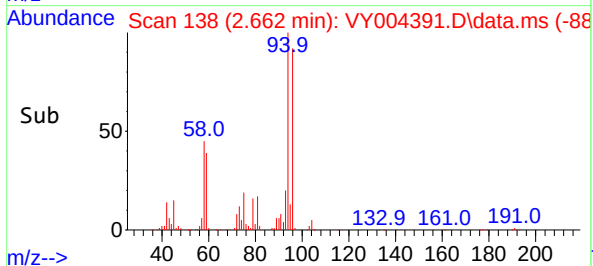
Instrument :
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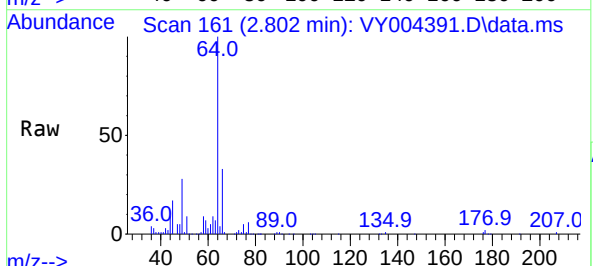
Tgt Ion: 94 Resp: 51062
Ion Ratio Lower Upper
94 100
96 91.9 72.6 108.8

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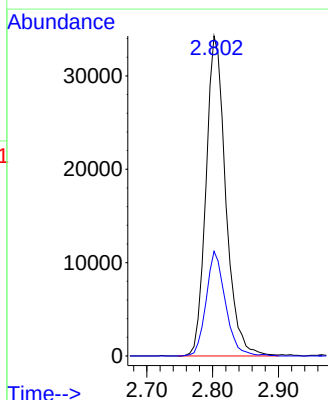
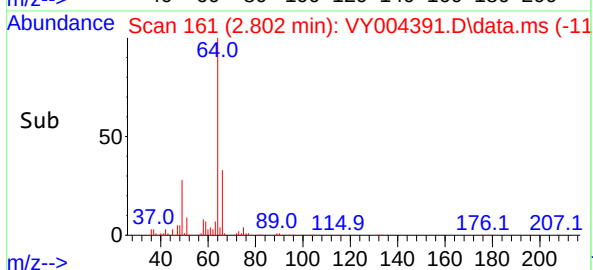
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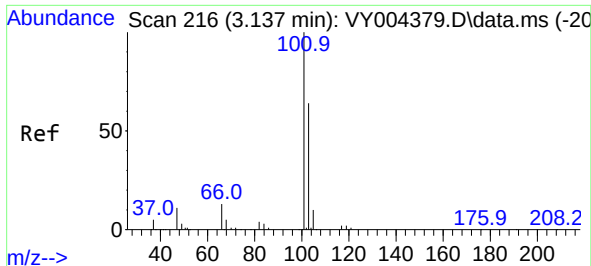


#6
Chloroethane
Concen: 52.90 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



Tgt Ion: 64 Resp: 71574
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5





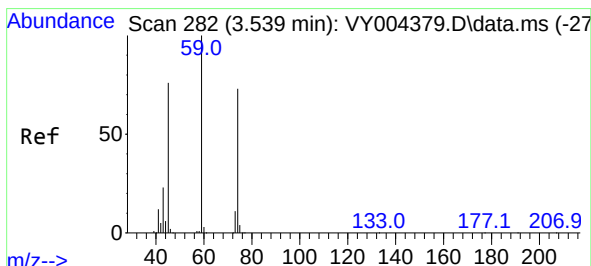
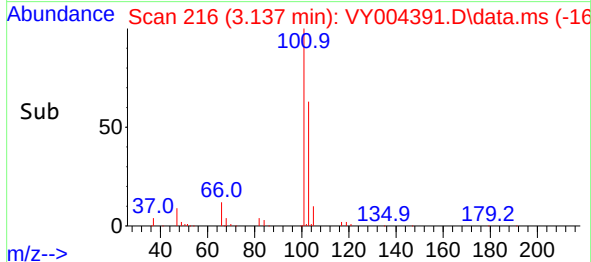
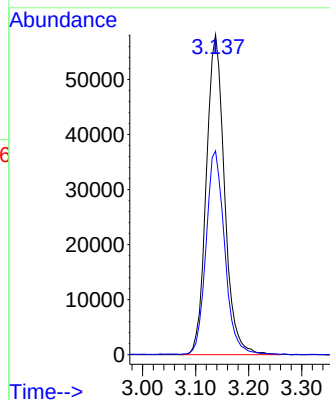
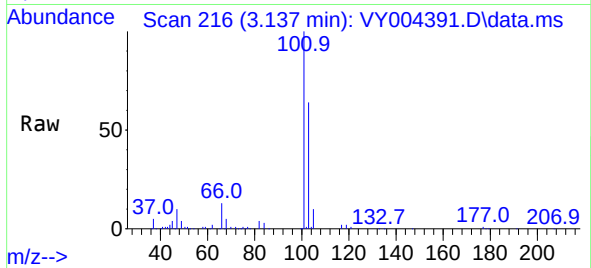
#7
Trichlorofluoromethane
Concen: 49.08 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY004391.D
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ClientSampled :
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Tgt Ion:101 Resp: 138517
Ion Ratio Lower Upper
101 100
103 63.6 51.2 76.8

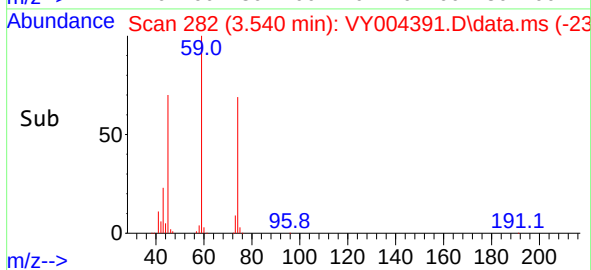
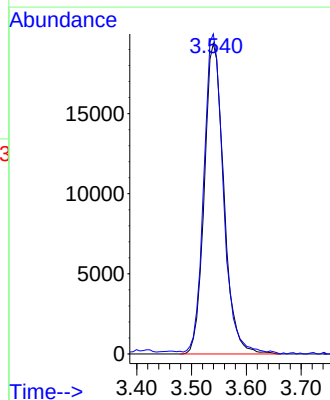
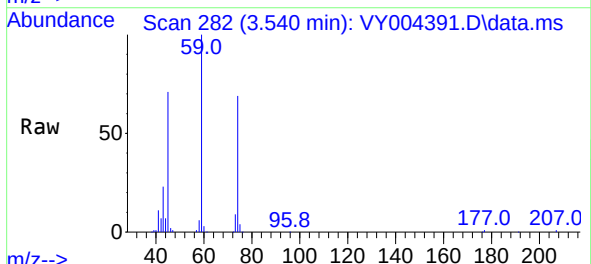
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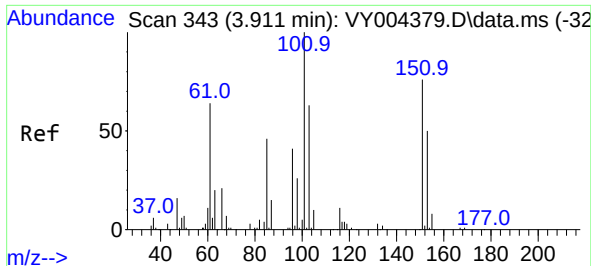
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#8
Diethyl Ether
Concen: 50.03 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 74 Resp: 47727
Ion Ratio Lower Upper
74 100
45 103.7 52.3 156.8





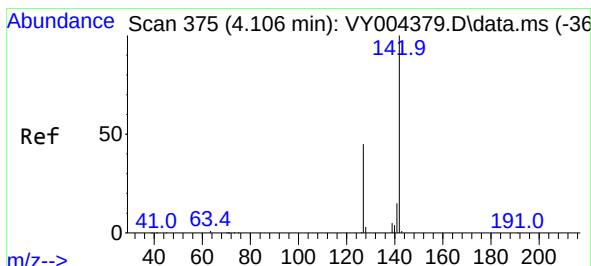
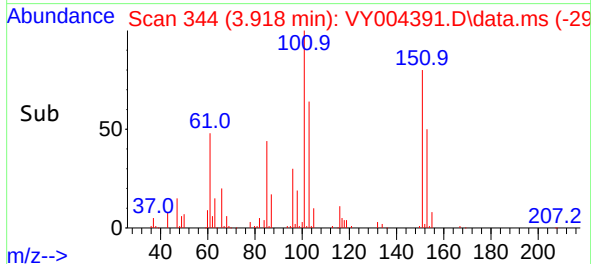
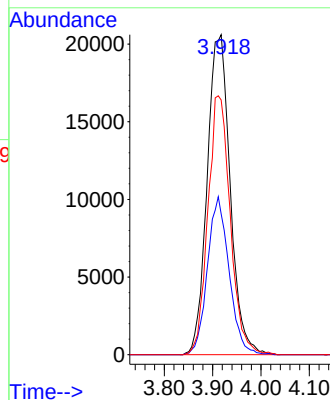
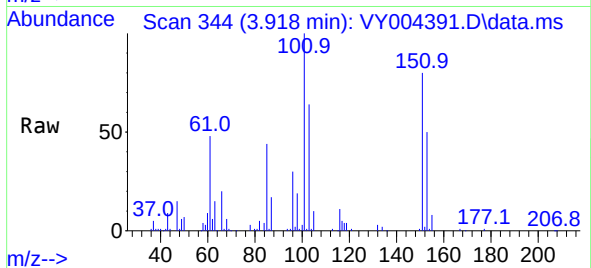
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.55 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.006 min
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Tgt Ion:	101	Resp:	68174
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.9	55.3
151	78.7	62.0	93.0

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SB-5A

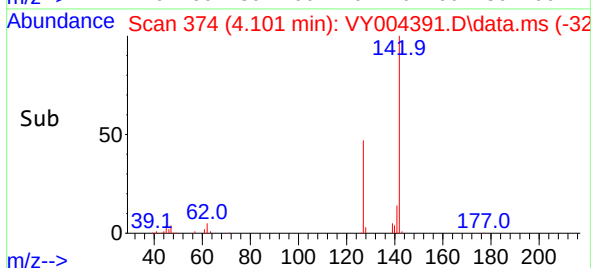
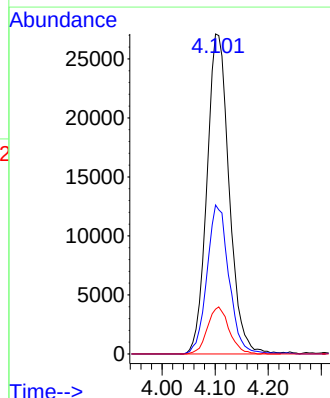
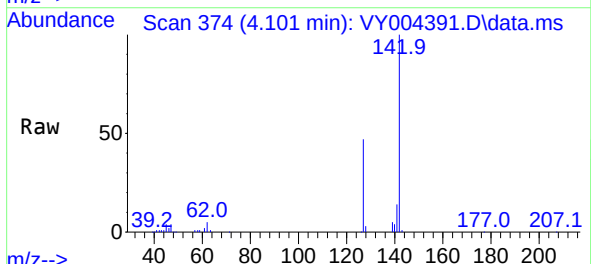
Manual Integrations
APPROVED

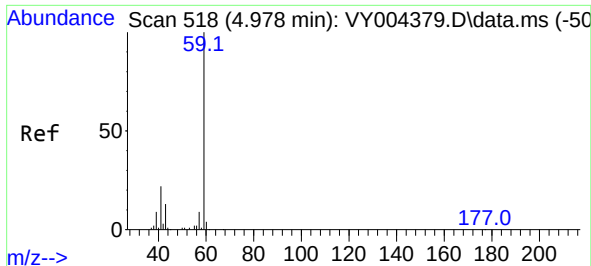
MMDadoda
4/13/2021 4:09:48 PM



#10
Methyl Iodide
Concen: 42.09 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:	142	Resp:	78868
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.2	54.4
141	14.3	11.6	17.4





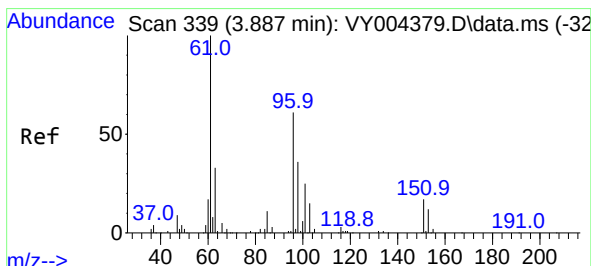
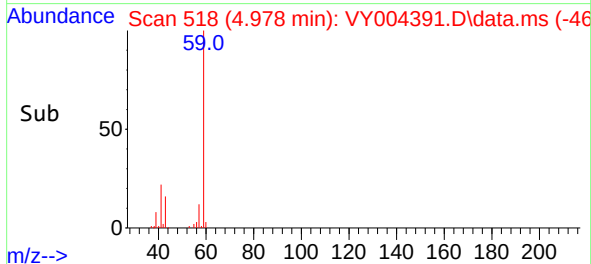
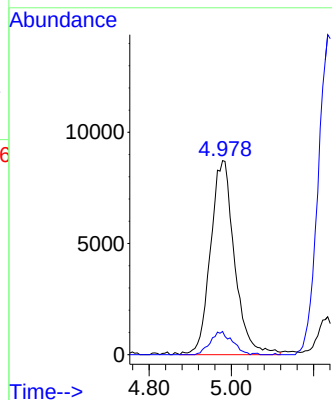
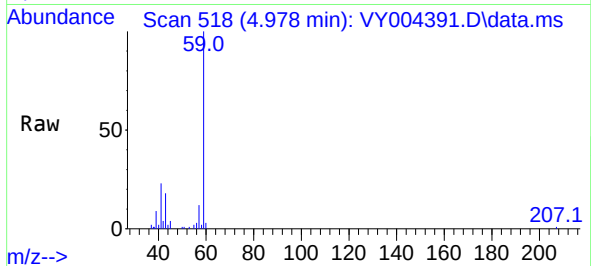
#11
Tert butyl alcohol
Concen: 202.75 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 59 Resp: 35408
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

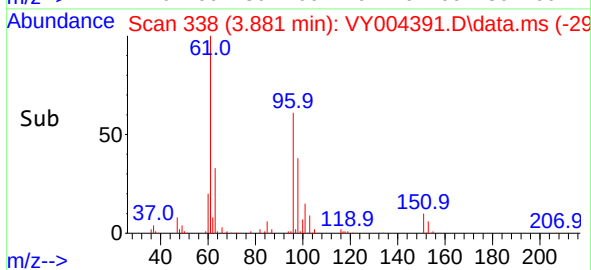
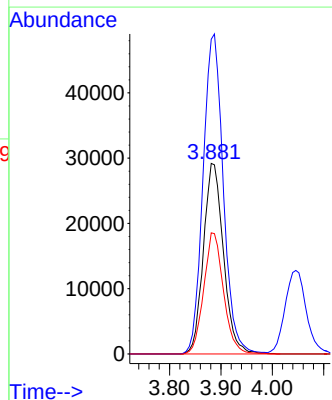
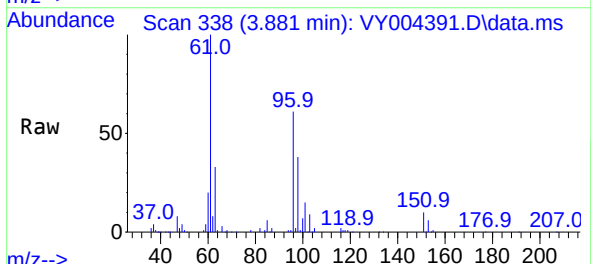
Manual Integrations
APPROVED

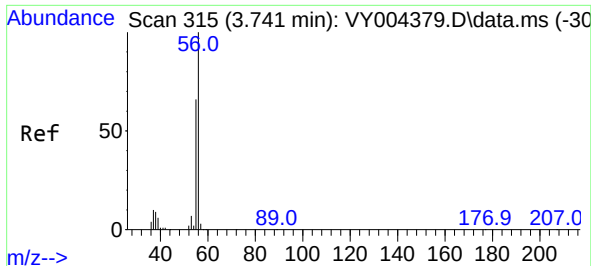
MMDadoda
4/13/2021 4:09:48 PM



#12
1,1-Dichloroethene
Concen: 51.17 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

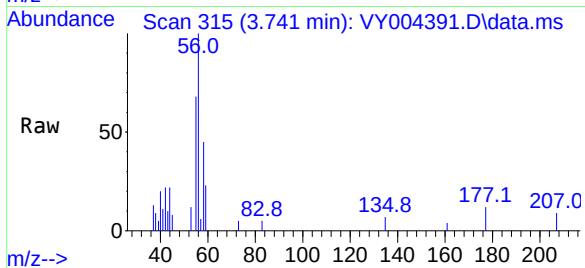
Tgt Ion: 96 Resp: 79221
Ion Ratio Lower Upper
96 100
61 165.2 132.1 198.1
98 63.6 48.2 72.2



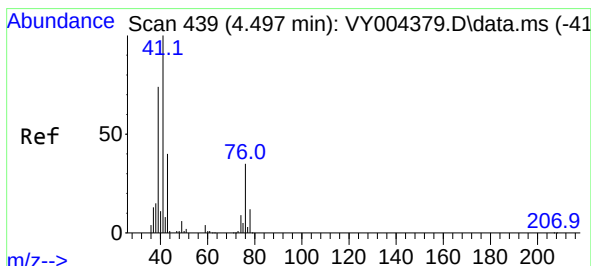
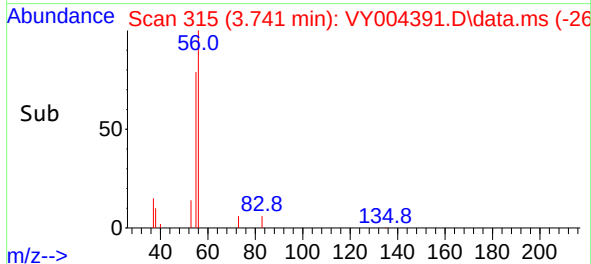
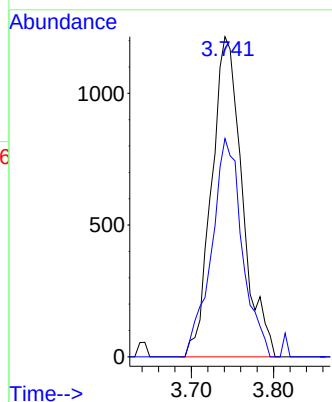


#13
Acrolein
Concen: 16.21 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

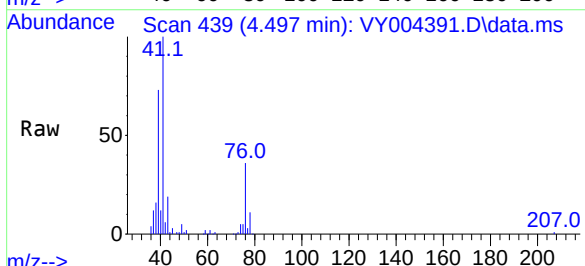
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



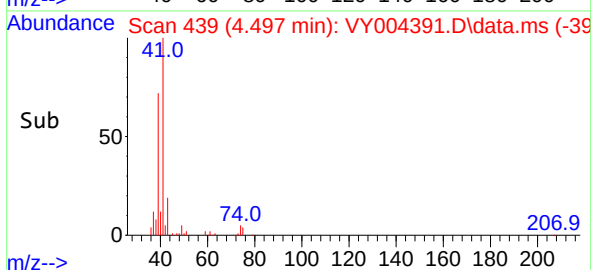
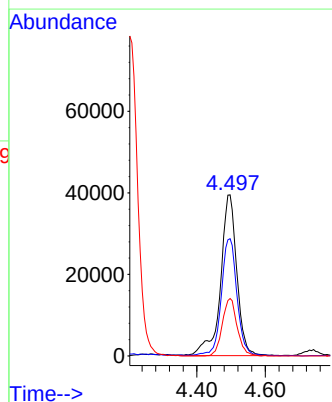
Tgt Ion: 56 Resp: 3146
Ion Ratio Lower Upper
56 100
55 68.2 55.4 83.2

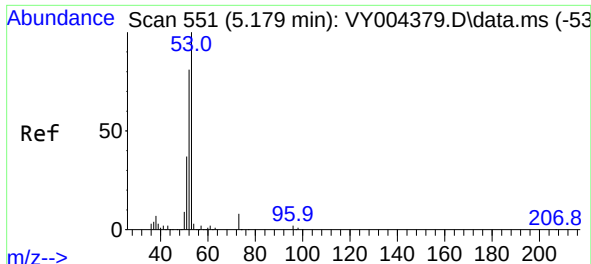


#14
Allyl chloride
Concen: 43.84 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



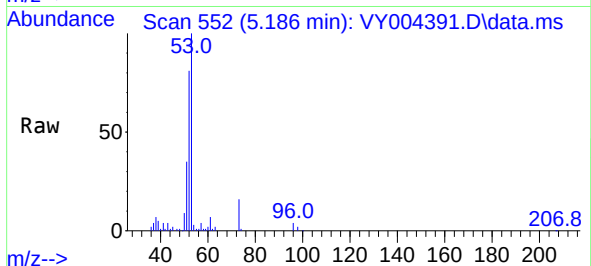
Tgt Ion: 41 Resp: 129804
Ion Ratio Lower Upper
41 100
39 69.7 56.9 85.3
76 32.5 26.8 40.2





#15
Acrylonitrile
Concen: 217.42 ug/l
RT: 5.186 min Scan# 552
Delta R.T. 0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

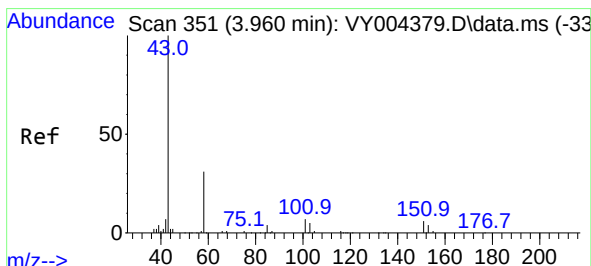
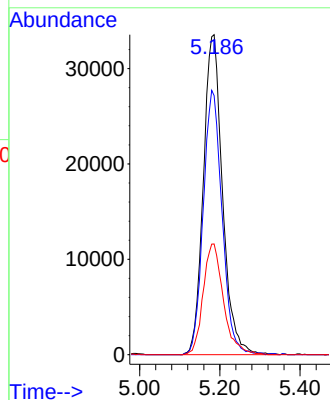
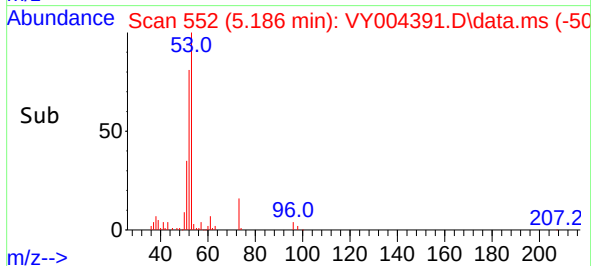
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



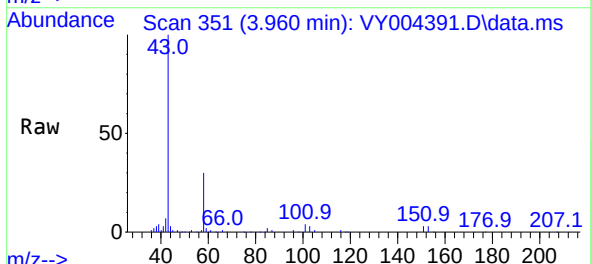
Tgt Ion: 53 Resp: 111272
Ion Ratio Lower Upper
53 100
52 81.0 64.9 97.3
51 36.6 29.3 43.9

Manual Integrations
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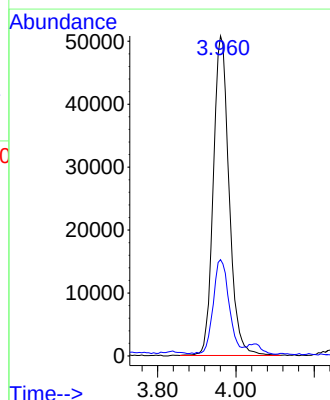
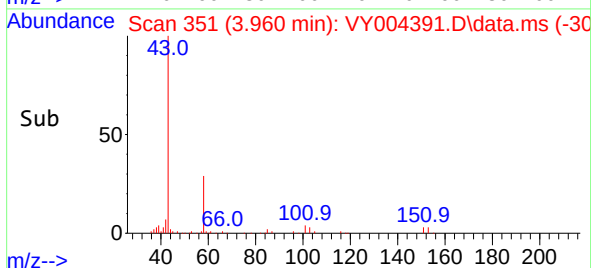
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4/13/2021 4:09:48 PM

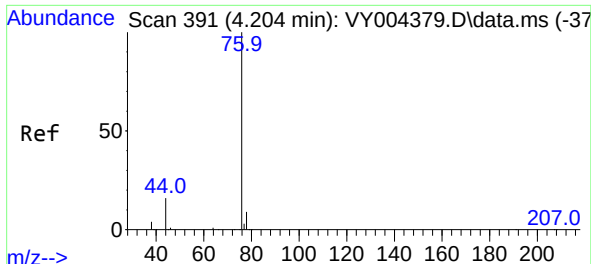


#16
Acetone
Concen: 388.04 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



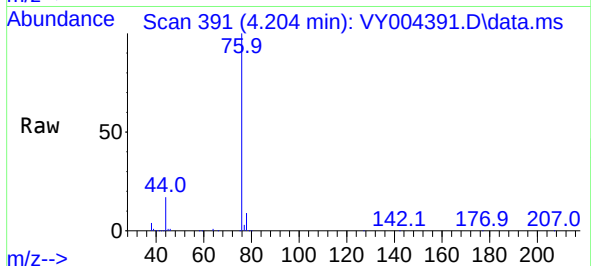
Tgt Ion: 43 Resp: 141951
Ion Ratio Lower Upper
43 100
58 29.4 24.6 37.0



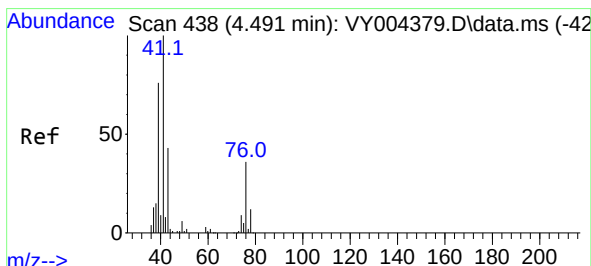
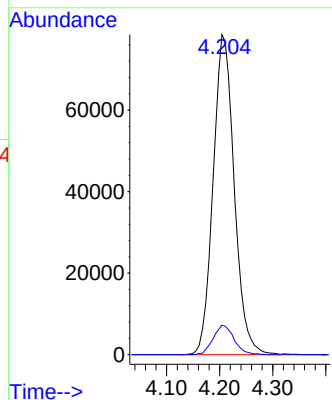
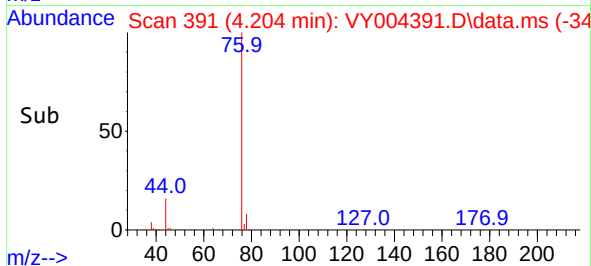


#17
Carbon Disulfide
Concen: 45.51 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

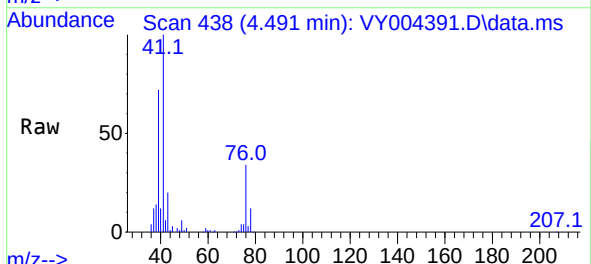
Instrument :
MSVOA_Y
ClientSampleId :
SB-5A



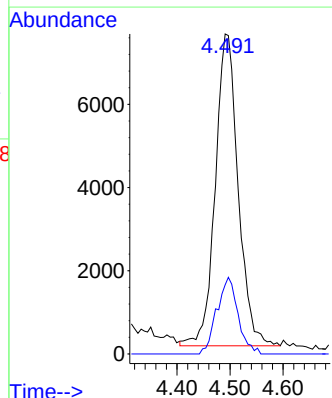
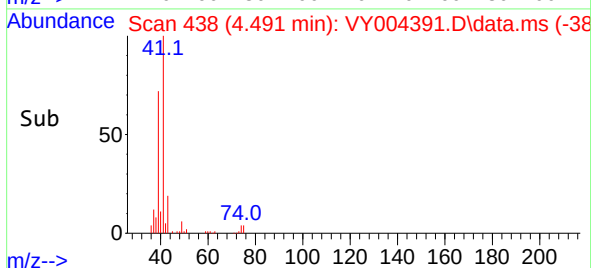
Tgt Ion: 76 Resp: 216947
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

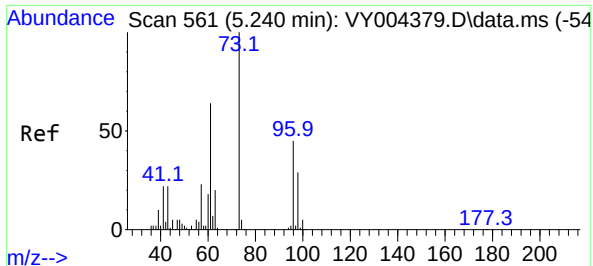


#18
Methyl Acetate
Concen: 18.20 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



Tgt Ion: 43 Resp: 22469
Ion Ratio Lower Upper
43 100
74 22.6 17.2 25.8





#19

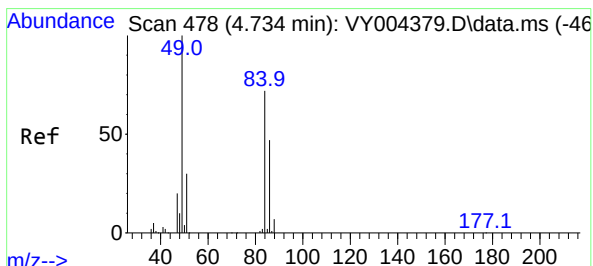
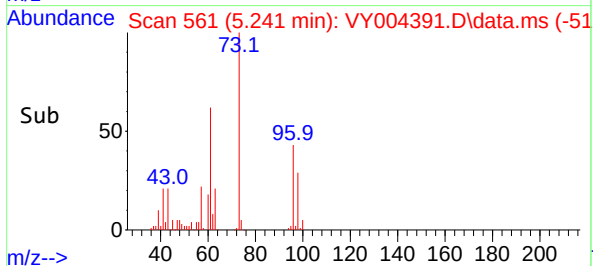
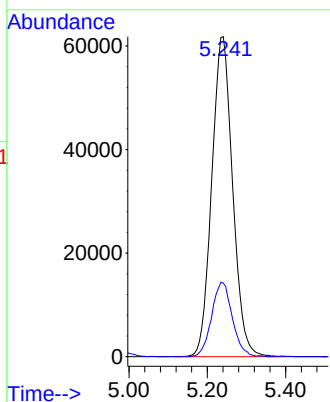
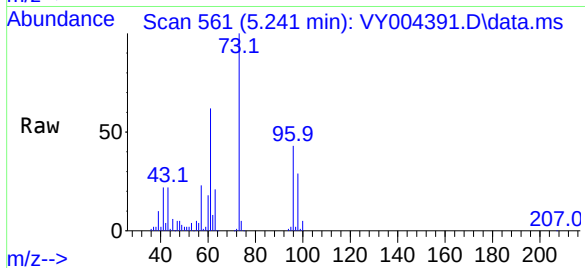
Methyl tert-butyl Ether
Concen: 49.15 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 73 Resp: 228631
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6

Instrument :
MSVOA_Y
ClientSampleId :
SB-5A

Manual Integrations
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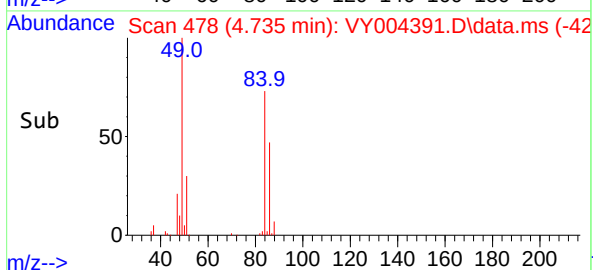
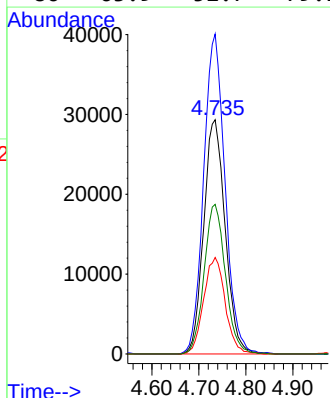
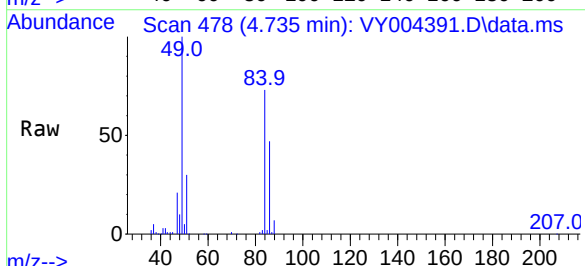
MMDadoda
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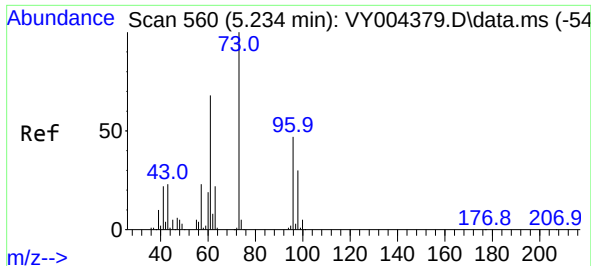


#20

Methylene Chloride
Concen: 54.47 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

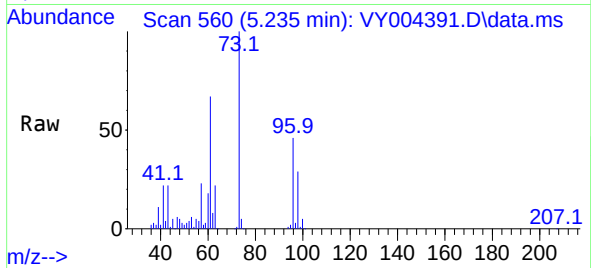
Tgt Ion: 84 Resp: 93219
Ion Ratio Lower Upper
84 100
49 136.7 111.2 166.8
51 41.2 33.4 50.2
86 63.9 52.7 79.1





#21
trans-1,2-Dichloroethene
Concen: 49.94 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

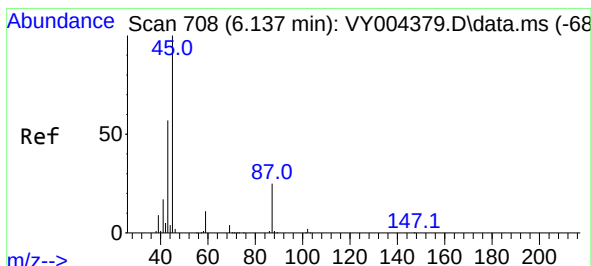
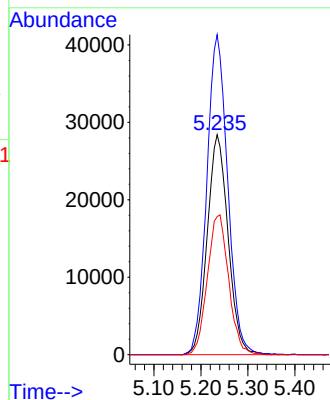
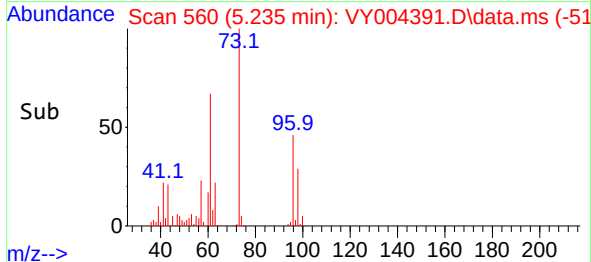
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



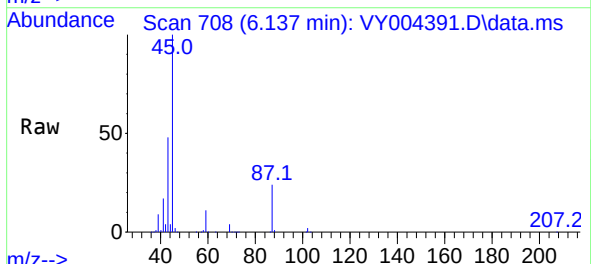
Tgt Ion: 96 Resp: 87476
Ion Ratio Lower Upper
96 100
61 145.5 116.5 174.7
98 62.8 52.0 78.0

Manual Integrations
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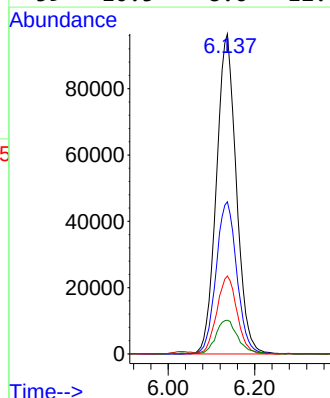
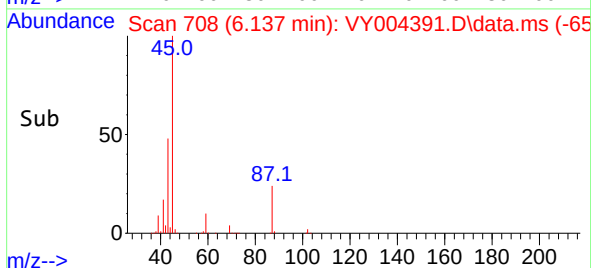
MMDadoda
4/13/2021 4:09:48 PM

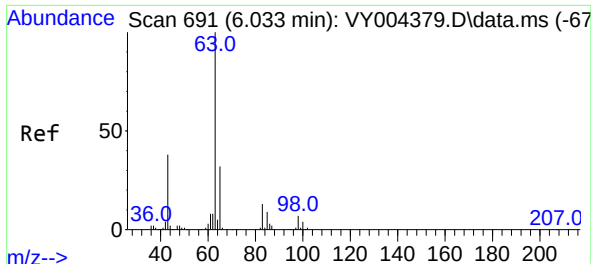


#22
Diisopropyl ether
Concen: 49.28 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



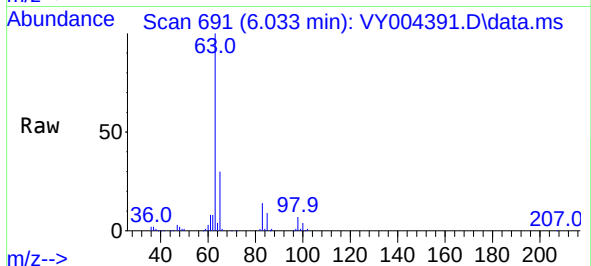
Tgt Ion: 45 Resp: 308412
Ion Ratio Lower Upper
45 100
43 47.6 46.3 69.5
87 24.4 20.3 30.5
59 10.5 8.6 12.8





#24
1,1-Dichloroethane
Concen: 51.57 ug/l
RT: 6.033 min Scan# 691
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

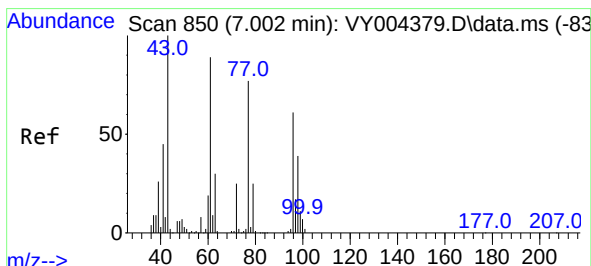
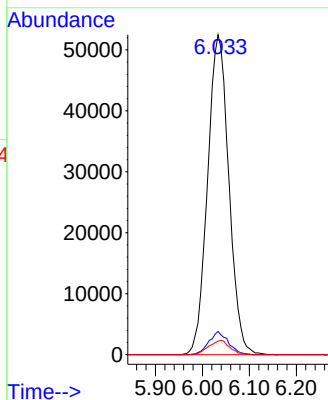
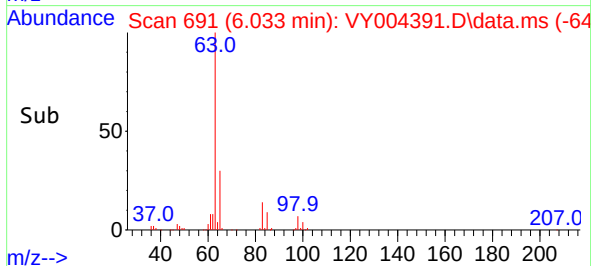
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



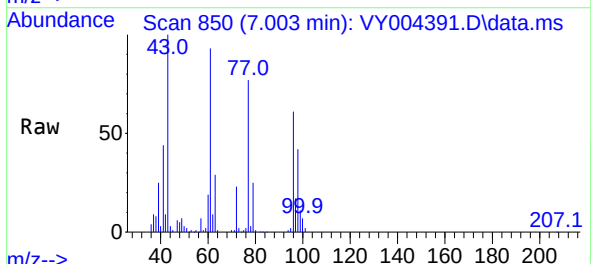
Tgt Ion: 63 Resp: 164883
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.9
100 4.2 2.0 6.0

Manual Integrations
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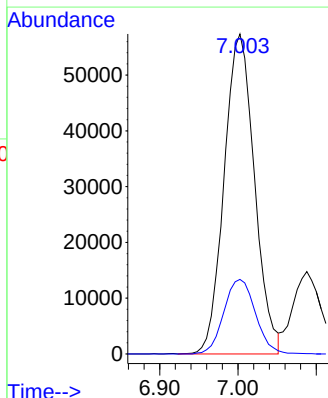
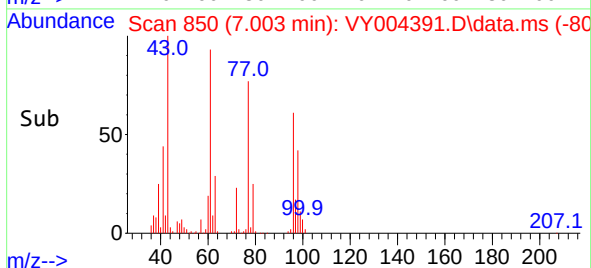
MMDadoda
4/13/2021 4:09:48 PM

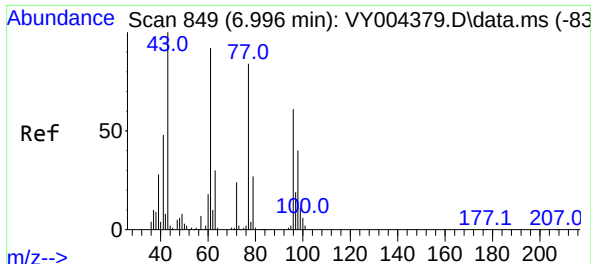


#25
2-Butanone
Concen: 228.95 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



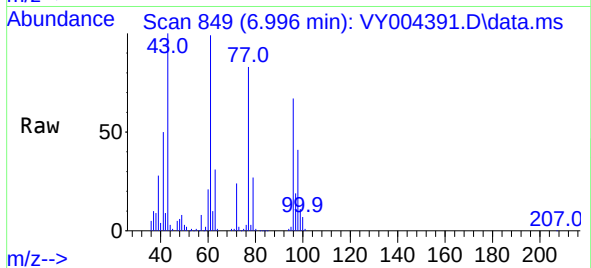
Tgt Ion: 43 Resp: 154546
Ion Ratio Lower Upper
43 100
72 23.3 20.2 30.2





#26
2,2-Dichloropropane
Concen: 49.54 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

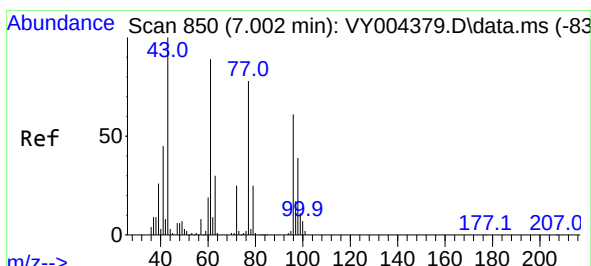
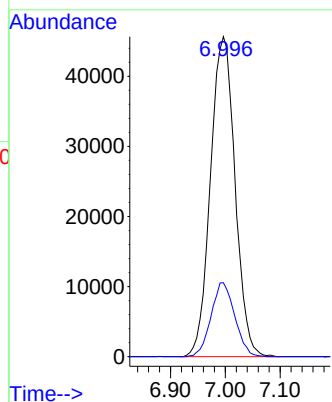
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



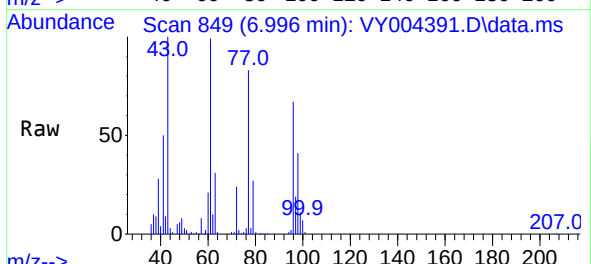
Tgt Ion: 77 Resp: 142133
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.3

Manual Integrations
APPROVED

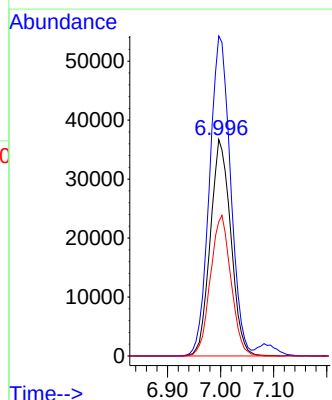
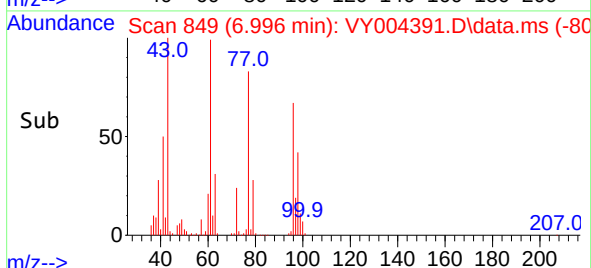
MMDadoda
4/13/2021 4:09:48 PM

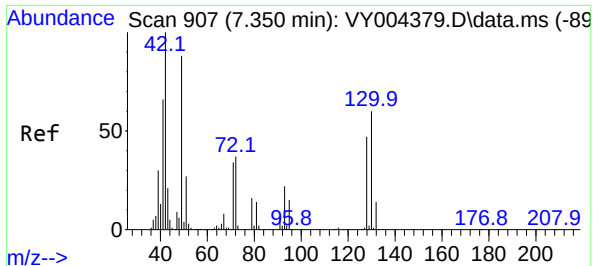


#27
cis-1,2-Dichloroethene
Concen: 50.41 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



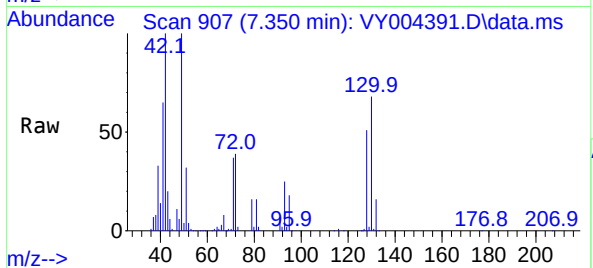
Tgt Ion: 96 Resp: 98790
Ion Ratio Lower Upper
96 100
61 151.5 0.0 303.2
98 64.8 0.0 130.0





#28
Bromochloromethane
Concen: 54.49 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

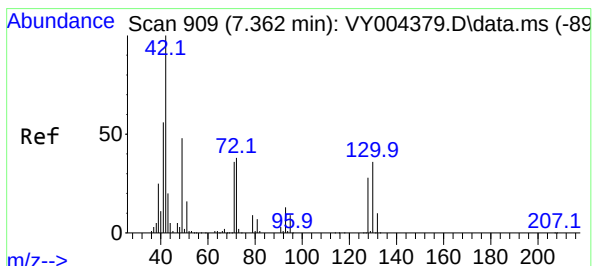
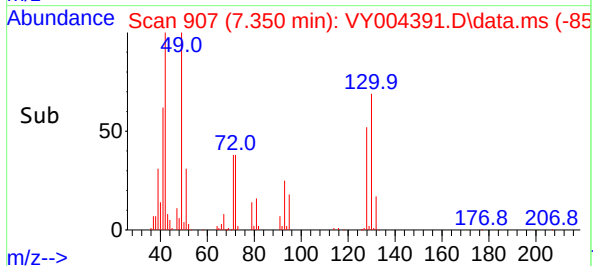
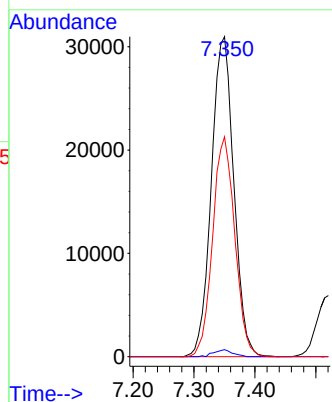
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



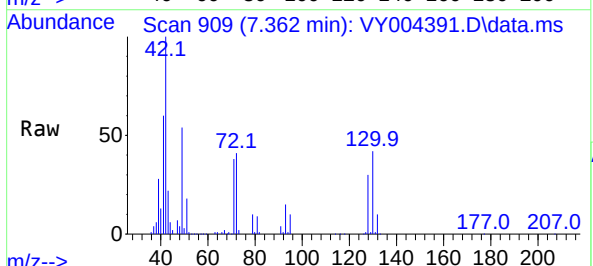
Tgt Ion: 49 Resp: 79184
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 67.8 53.9 80.9

Manual Integrations
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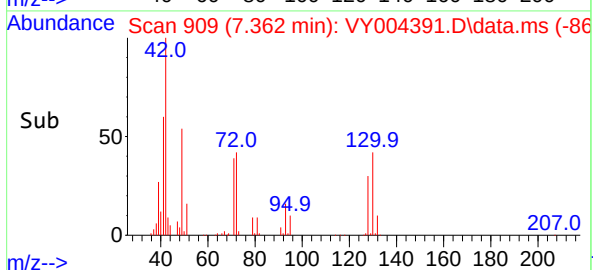
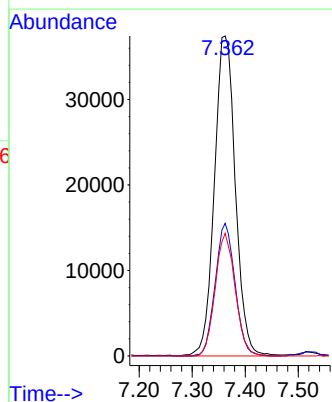
MMDadoda
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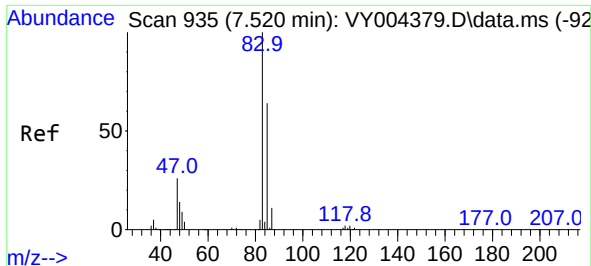


#29
Tetrahydrofuran
Concen: 213.39 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



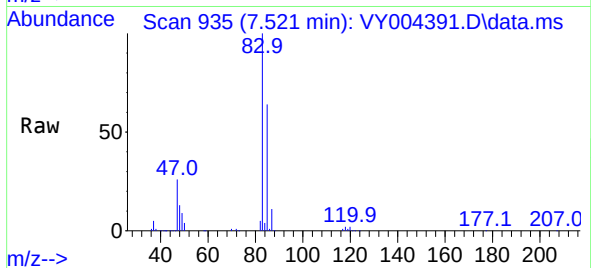
Tgt Ion: 42 Resp: 102911
Ion Ratio Lower Upper
42 100
72 39.1 31.0 46.4
71 36.5 28.8 43.2





#30
Chloroform
Concen: 51.46 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

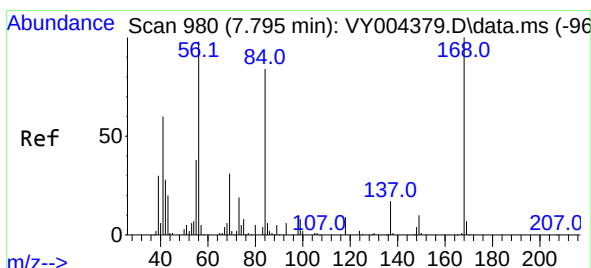
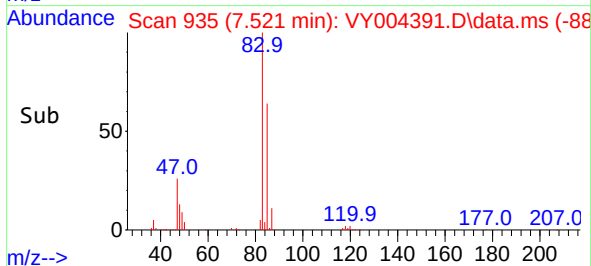
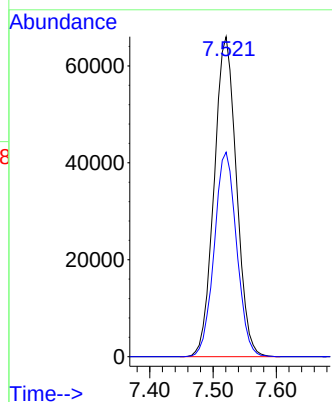
Instrument :
MSVOA_Y
ClientSampleId :
SB-5A



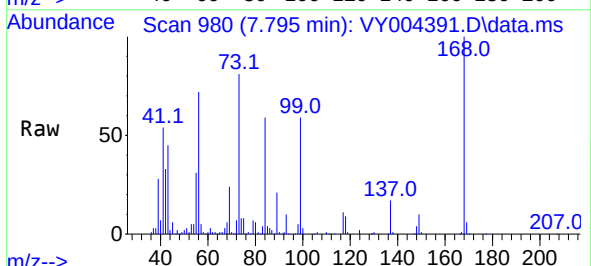
Tgt Ion: 83 Resp: 161686
Ion Ratio Lower Upper
83 100
85 63.9 51.3 76.9

Manual Integrations
APPROVED

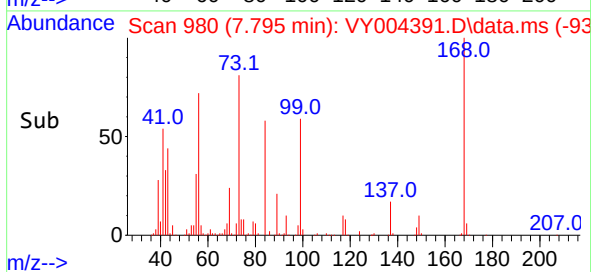
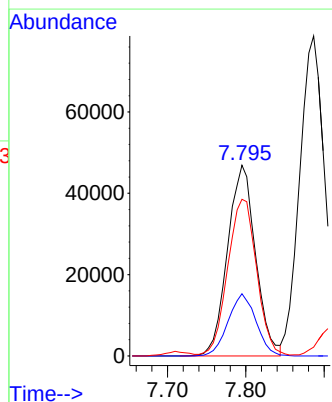
MMDadoda
4/13/2021 4:09:48 PM

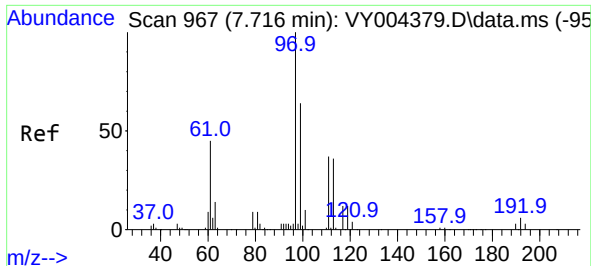


#31
Cyclohexane
Concen: 35.93 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

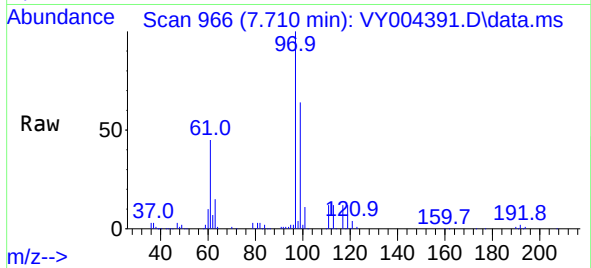


Tgt Ion: 56 Resp: 116706
Ion Ratio Lower Upper
56 100
69 32.7 25.8 38.6
84 80.2 68.2 102.4

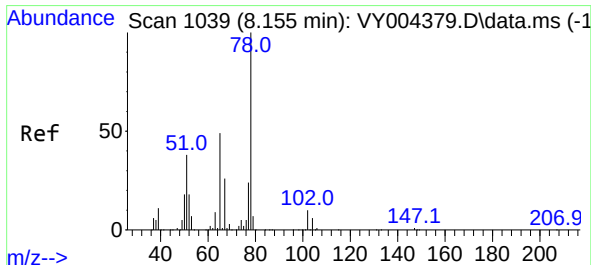
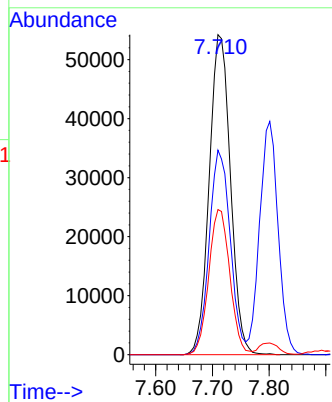
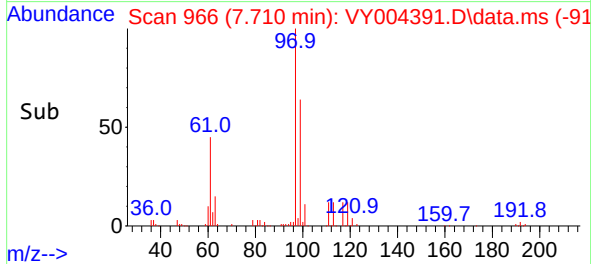




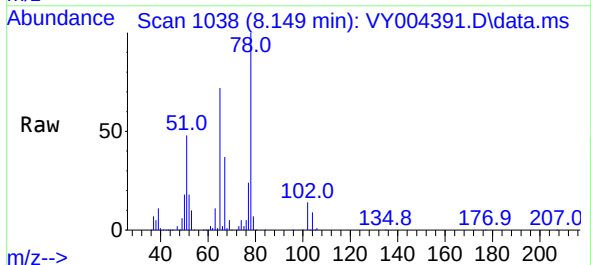
#32
1,1,1-Trichloroethane
Concen: 49.48 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



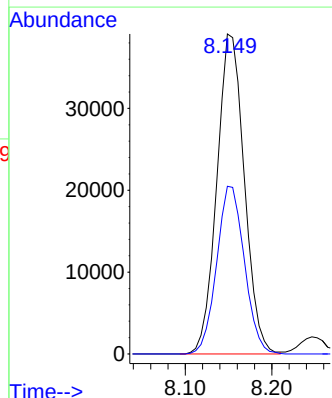
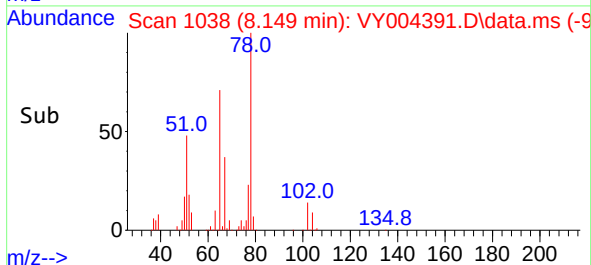
Tgt Ion: 97 Resp: 141062
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 45.2 36.2 54.2



#33
1,2-Dichloroethane-d4
Concen: 48.60 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



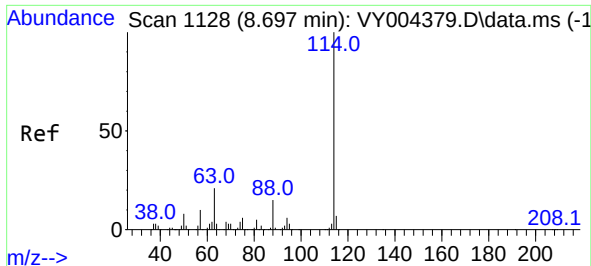
Tgt Ion: 65 Resp: 86113
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4



Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

Tgt Ion:	114	Resp:	263401
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.4
88	15.2	0.0	30.8

Instrument :

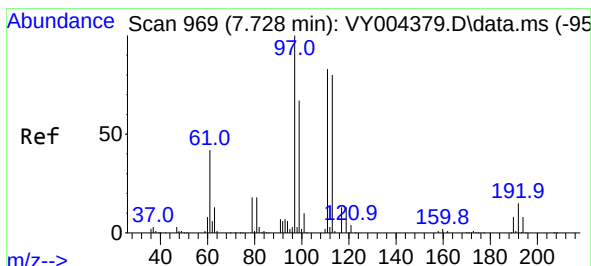
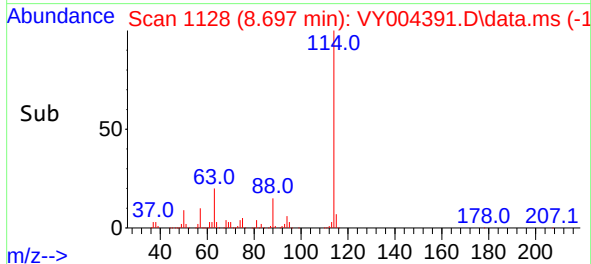
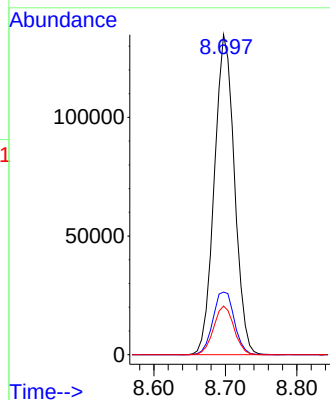
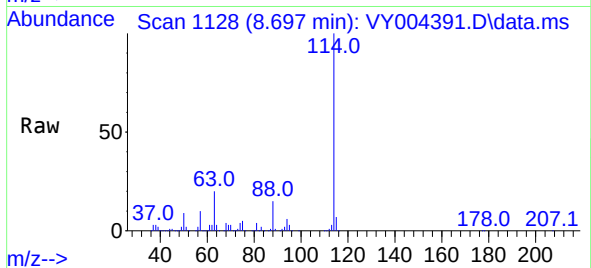
MSVOA_Y

ClientSampled :

SB-5A

Manual Integrations
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#35

Dibromofluoromethane

Concen: 23.72 ug/l

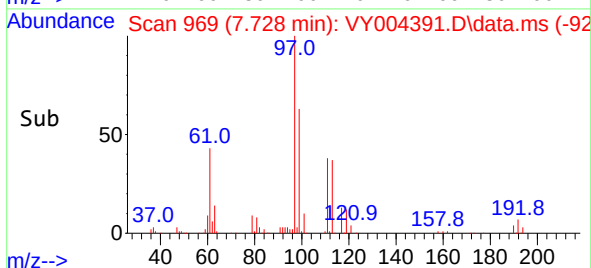
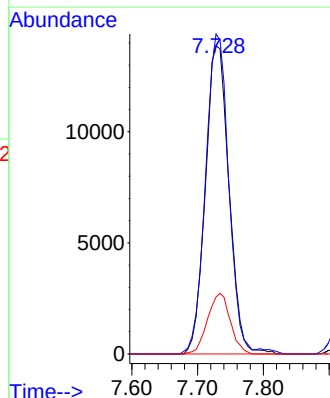
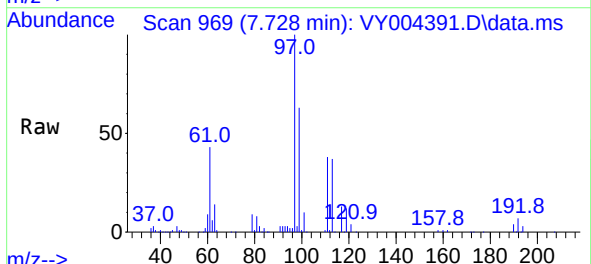
RT: 7.728 min Scan# 969

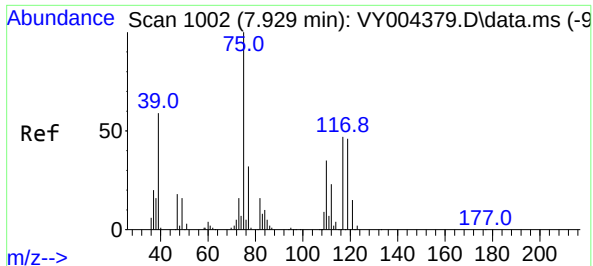
Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

Tgt Ion:	113	Resp:	34678
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	18.9	16.1	24.1





#36
1,1-Dichloropropene
Concen: 45.76 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

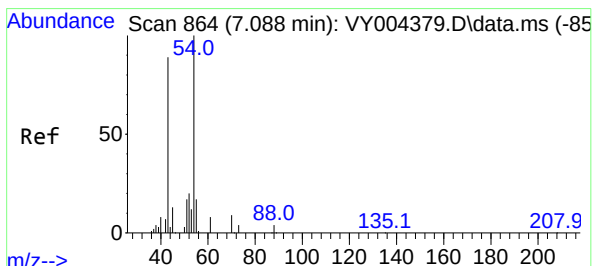
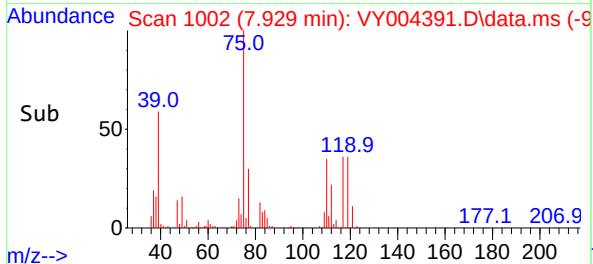
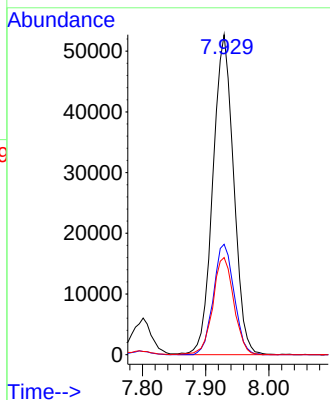
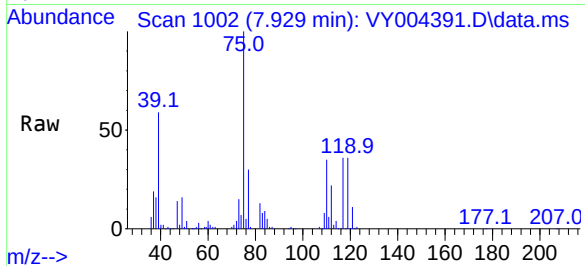
Tgt Ion: 75 Resp: 119773

Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.3	51.7
77	30.8	24.3	36.5

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Manual Integrations
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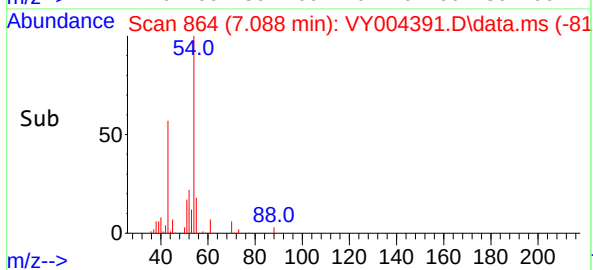
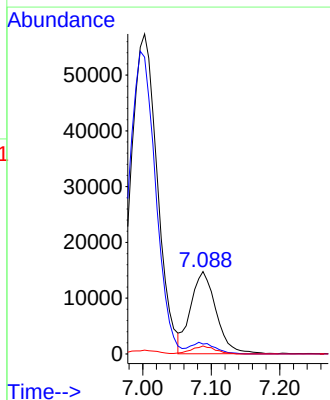
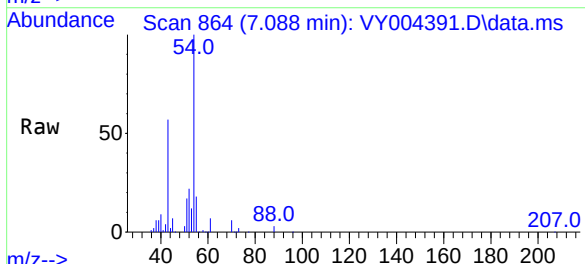
MMDadoda
4/13/2021 4:09:48 PM

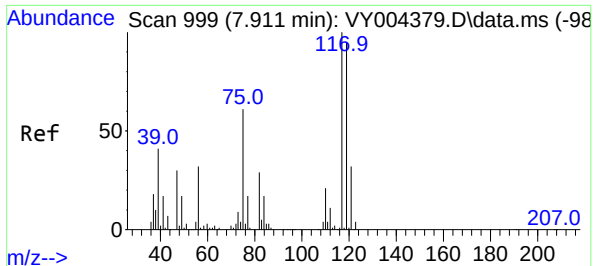


#37
Ethyl Acetate
Concen: 22.60 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 43 Resp: 38098

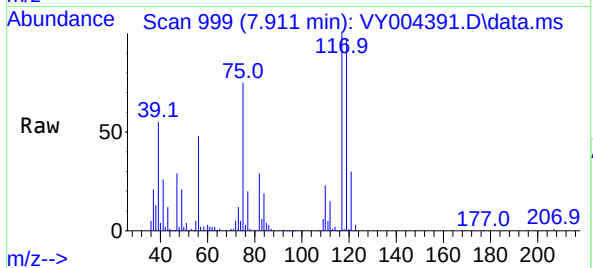
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.1	7.5	11.3





#38
Carbon Tetrachloride
Concen: 40.87 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

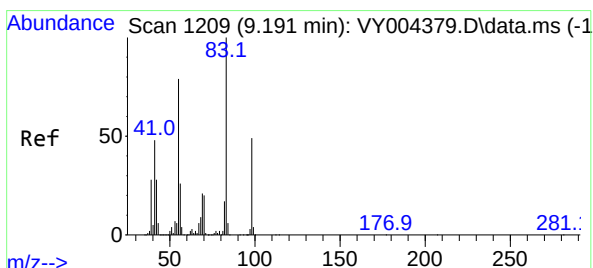
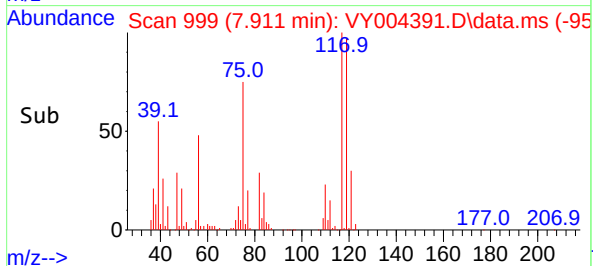
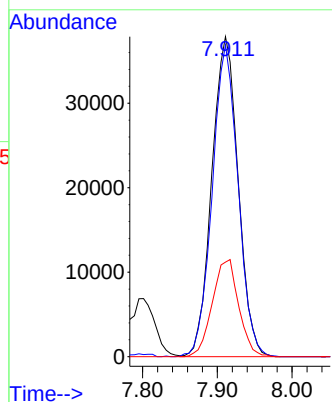
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



Tgt Ion:117 Resp: 92470
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
121 29.5 25.3 37.9

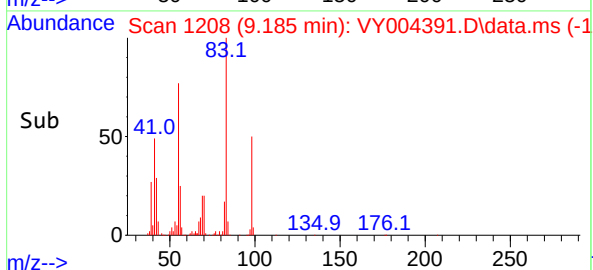
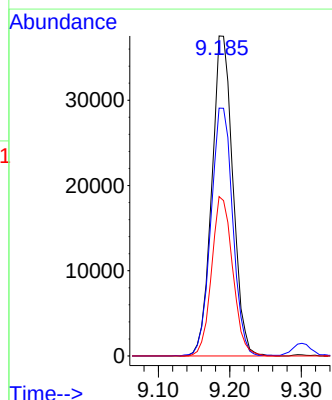
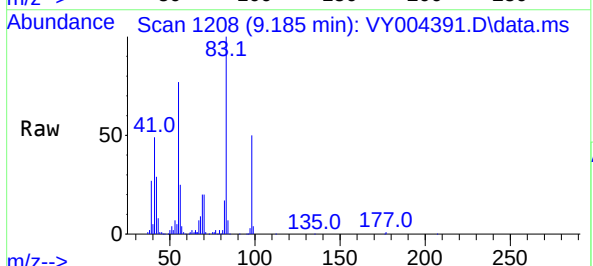
Manual Integrations
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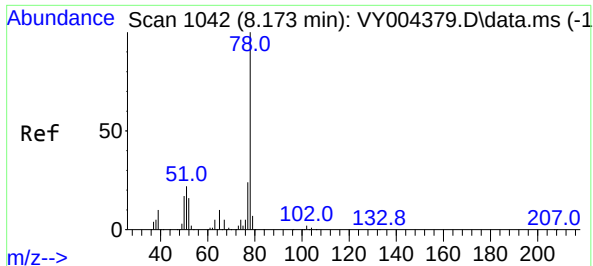
MMDadoda
4/13/2021 4:09:48 PM



#39
Methylcyclohexane
Concen: 23.85 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

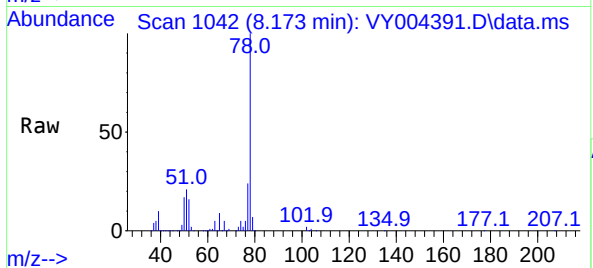
Tgt Ion: 83 Resp: 76864
Ion Ratio Lower Upper
83 100
55 77.5 63.0 94.4
98 49.8 39.2 58.8





#40
Benzene
Concen: 49.14 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

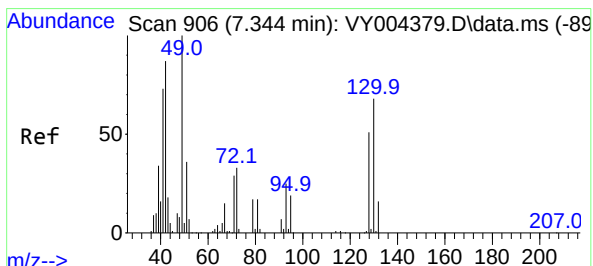
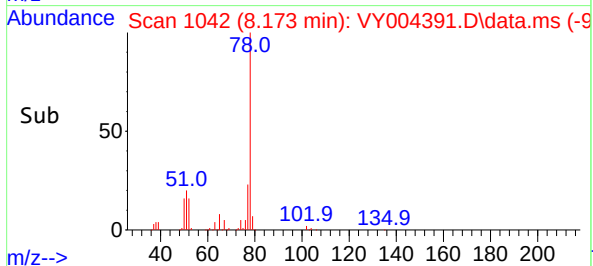
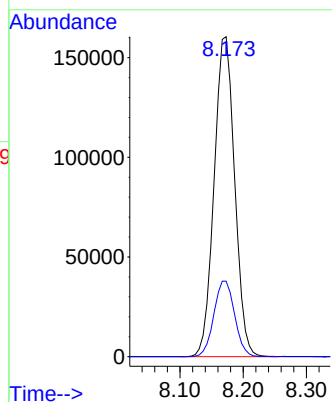
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



Tgt Ion: 78 Resp: 361486
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

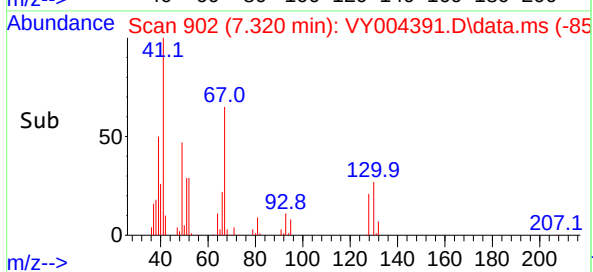
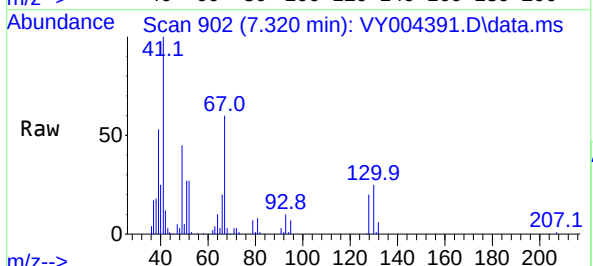
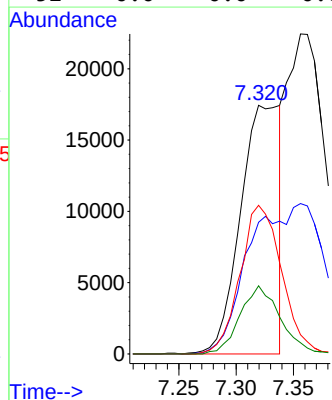
Manual Integrations
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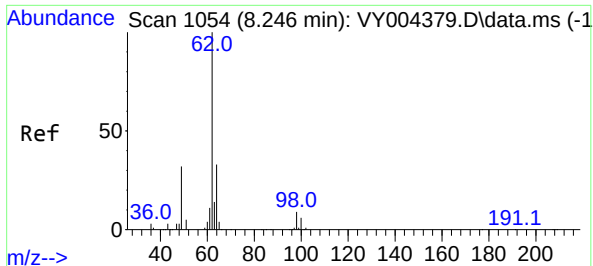
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#41
Methacrylonitrile
Concen: 41.19 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. -0.024 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

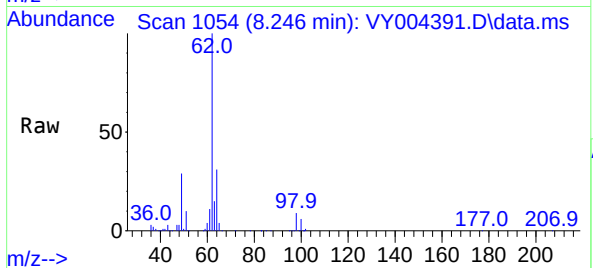
Tgt Ion: 41 Resp: 42073
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42
1,2-Dichloroethane
Concen: 47.51 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

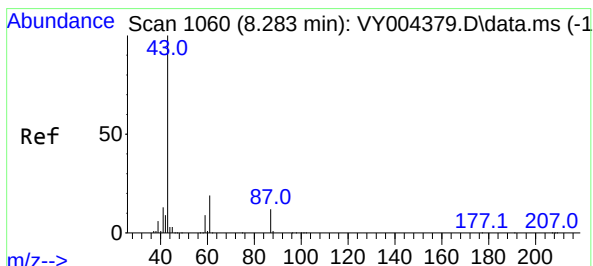
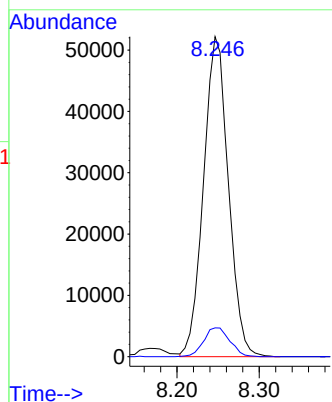
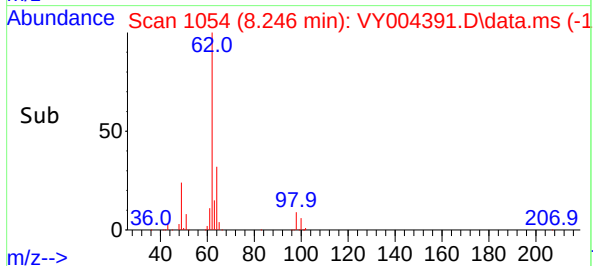
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



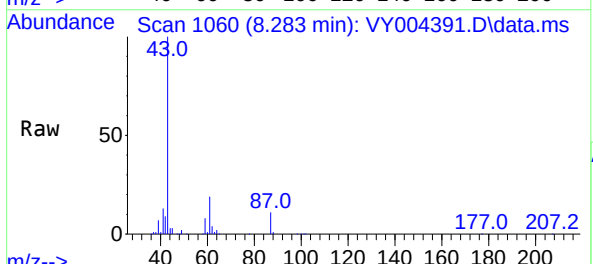
Tgt Ion: 62 Resp: 109613
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.2

Manual Integrations
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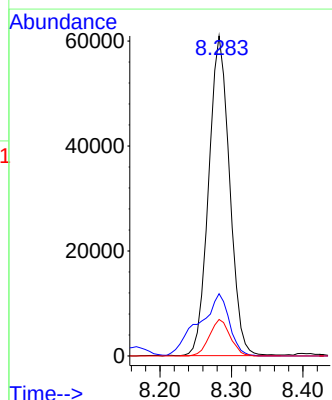
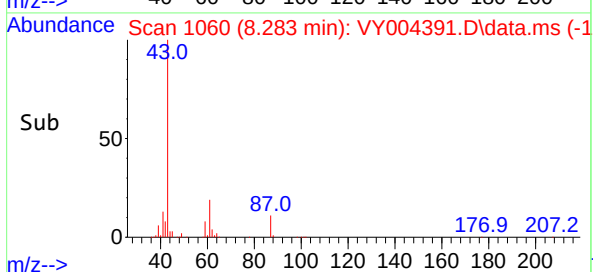
MMDadoda
4/13/2021 4:09:48 PM

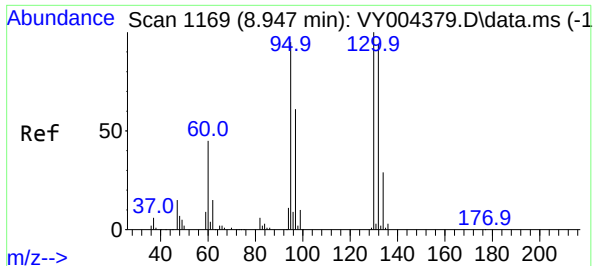


#43
Isopropyl Acetate
Concen: 38.69 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



Tgt Ion: 43 Resp: 123618
Ion Ratio Lower Upper
43 100
61 28.4 20.9 31.3
87 11.3 9.1 13.7





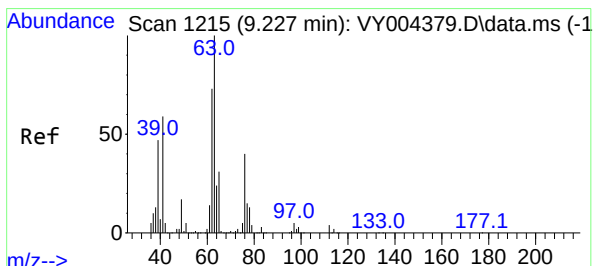
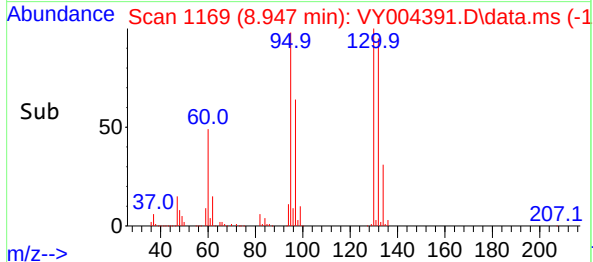
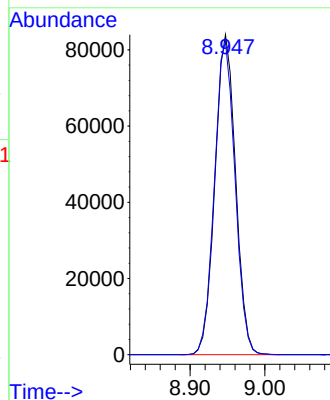
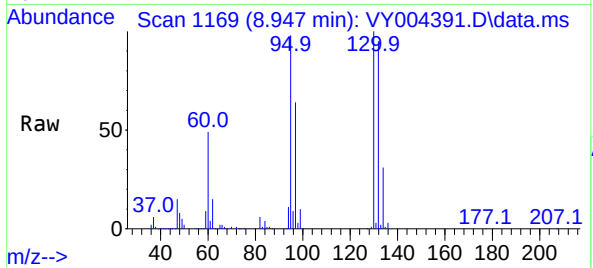
#44
Trichloroethene
Concen: 80.40 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 130 Resp: 161251
Ion Ratio Lower Upper
130 100
95 97.8 0.0 190.4

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

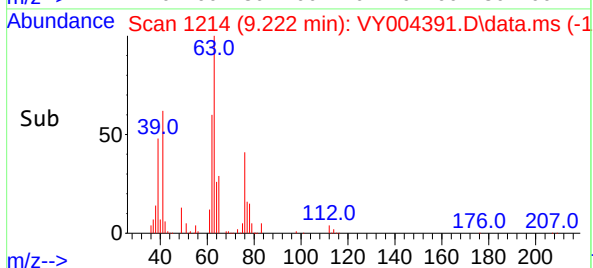
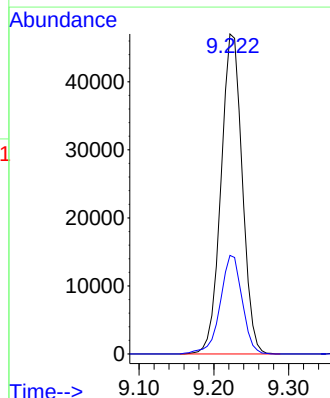
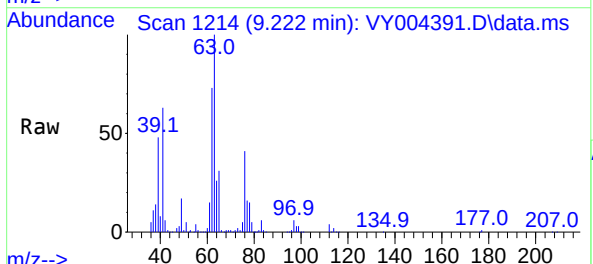
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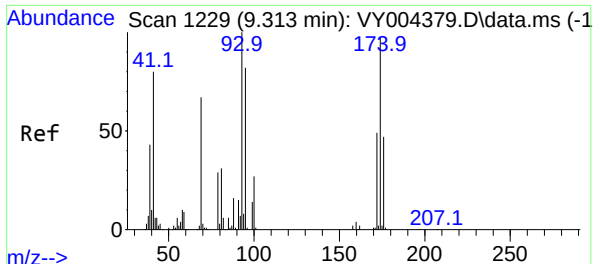
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#45
1,2-Dichloropropane
Concen: 48.98 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 63 Resp: 92975
Ion Ratio Lower Upper
63 100
65 30.8 24.4 36.6





#46
Dibromomethane
Concen: 46.49 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

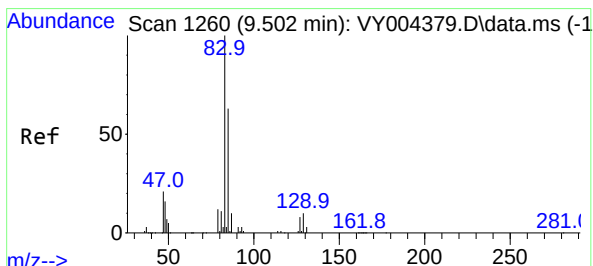
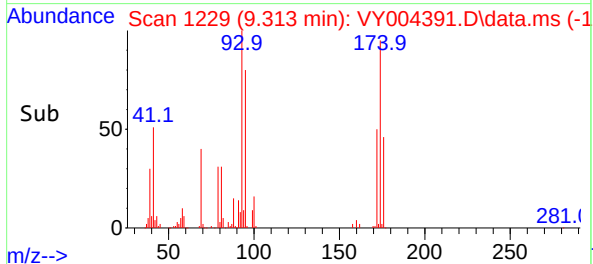
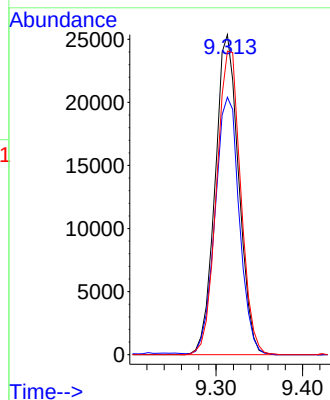
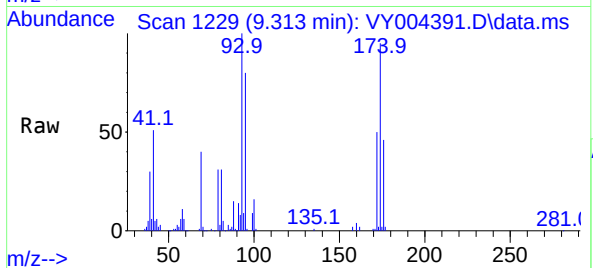
Tgt Ion: 93 Resp: 48046

Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	97.0	77.8	116.6

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Manual Integrations
APPROVED

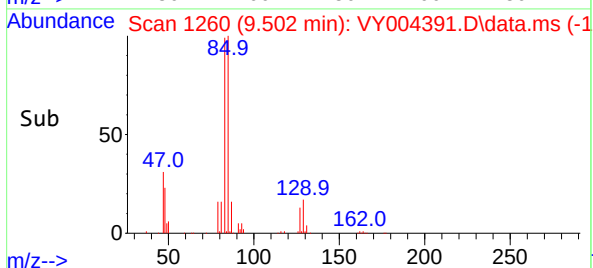
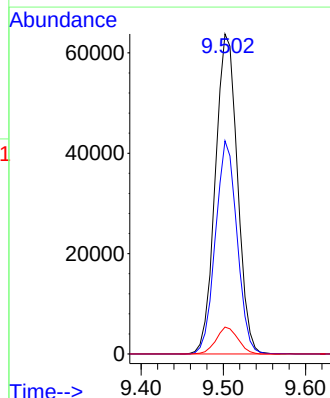
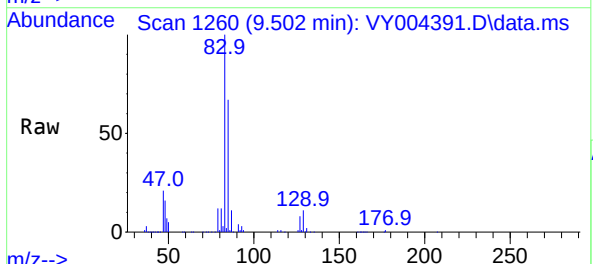
MMDadoda
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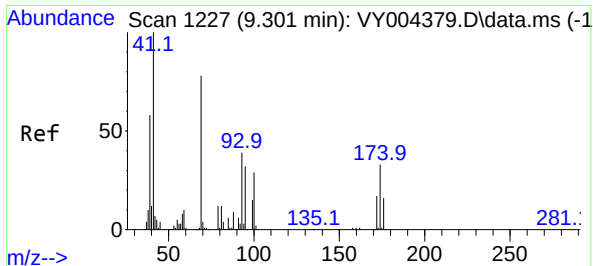


#47
Bromodichloromethane
Concen: 47.59 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 83 Resp: 119066

Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.7	76.1
127	8.4	6.6	10.0





#48

Methyl methacrylate

Concen: 30.21 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY004391.D

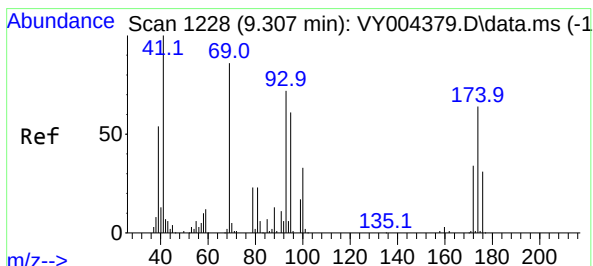
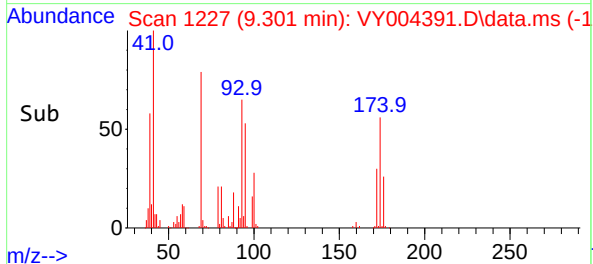
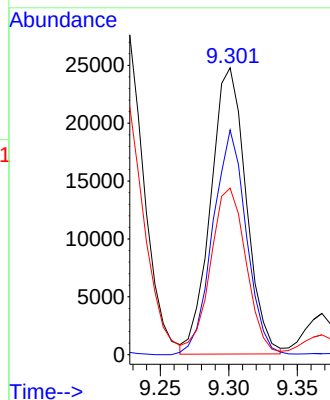
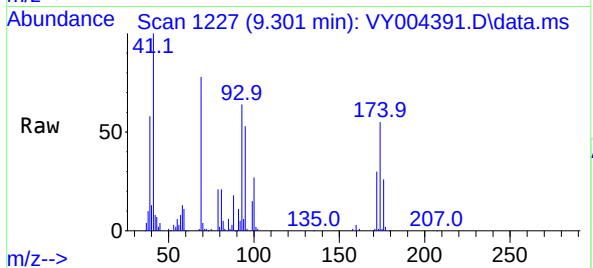
Acq: 12 Apr 2021 17:58

Tgt Ion:	41	Resp:	44452
Ion	Ratio	Lower	Upper
41	100		
69	74.4	62.6	94.0
39	58.4	47.2	70.8

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Manual Integrations
APPROVED

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#49

1,4-Dioxane

Concen: 865.97 ug/l

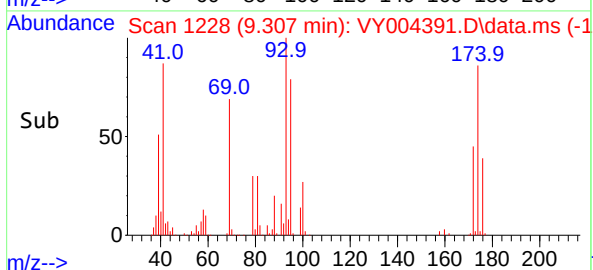
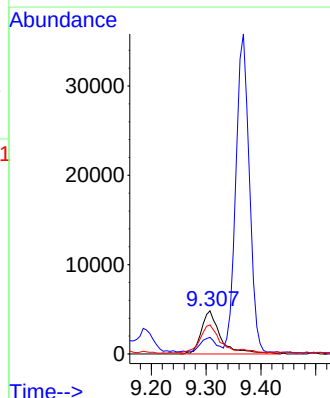
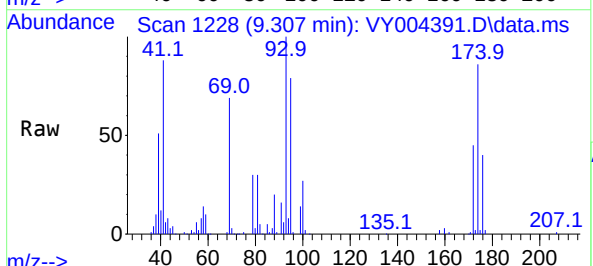
RT: 9.307 min Scan# 1228

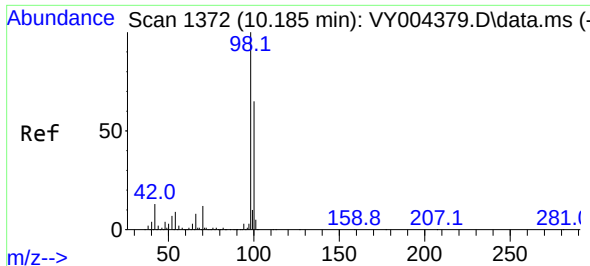
Delta R.T. 0.000 min

Lab File: VY004391.D

Acq: 12 Apr 2021 17:58

Tgt Ion:	88	Resp:	11689
Ion	Ratio	Lower	Upper
88	100		
43	31.0	31.7	47.5#
58	64.7	55.7	83.5





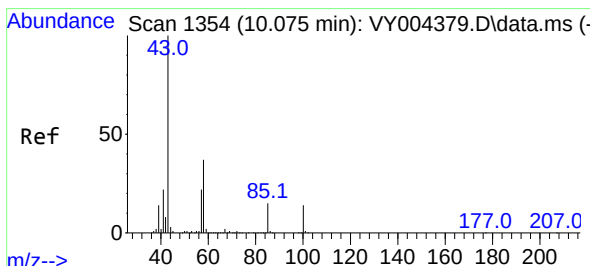
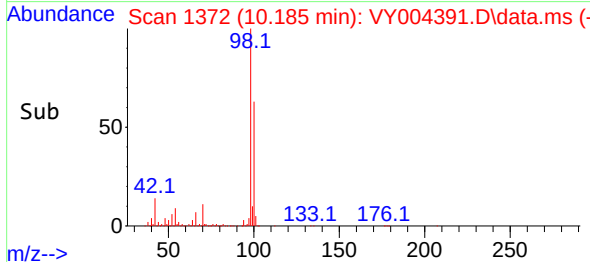
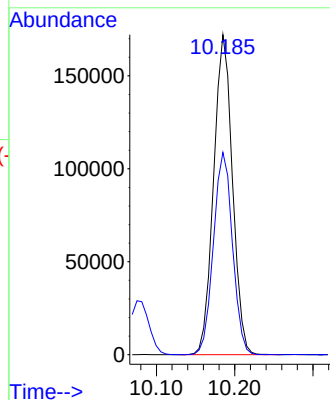
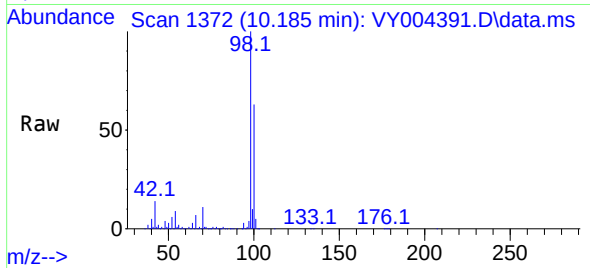
#50
Toluene-d8
Concen: 46.24 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 98 Resp: 287493
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

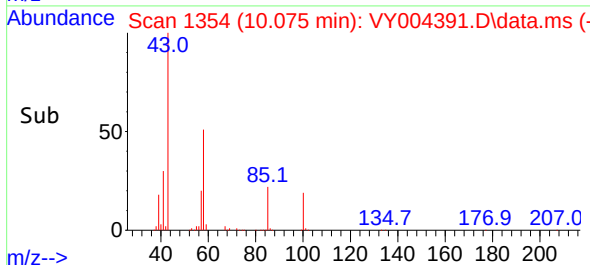
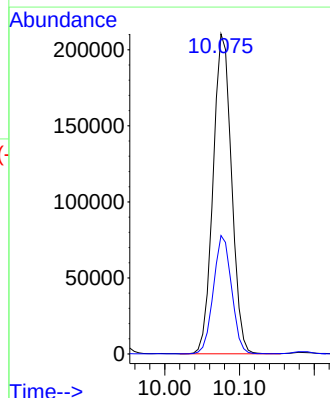
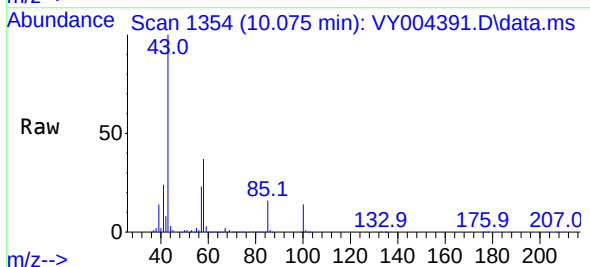
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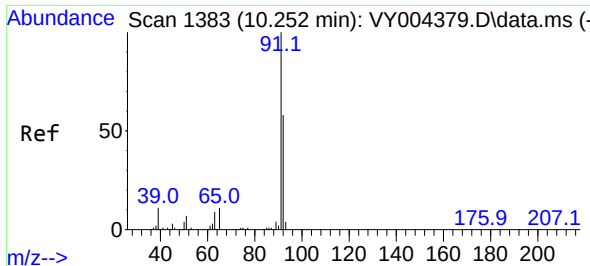
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#51
4-Methyl-2-Pentanone
Concen: 220.40 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

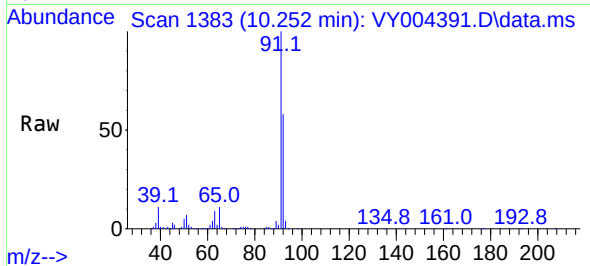
Tgt Ion: 43 Resp: 361748
Ion Ratio Lower Upper
43 100
58 36.3 29.2 43.8





#52
Toluene
Concen: 45.79 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

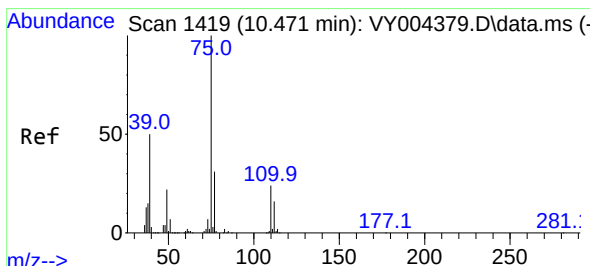
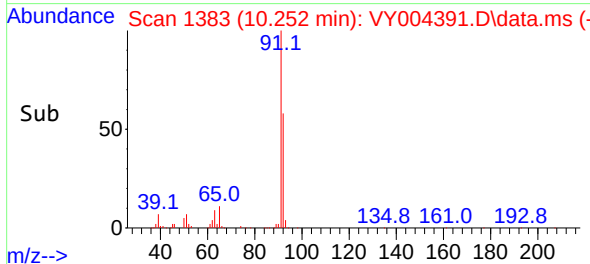
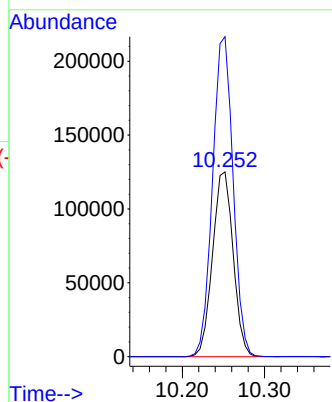
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



Tgt Ion: 92 Resp: 217960
Ion Ratio Lower Upper
92 100
91 172.5 137.8 206.6

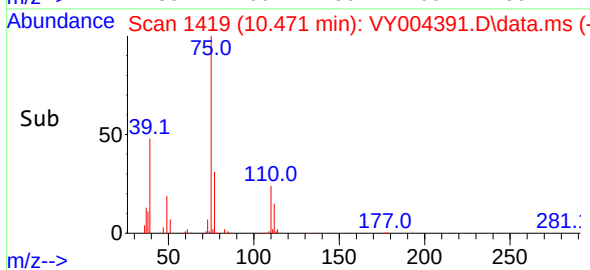
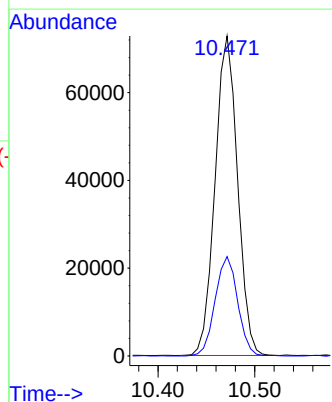
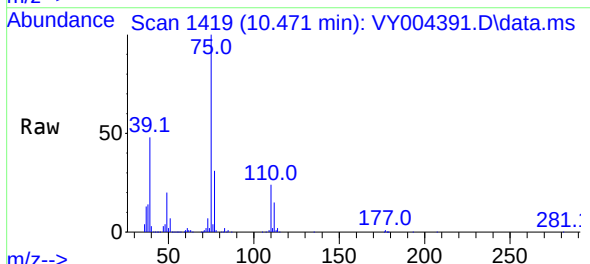
Manual Integrations
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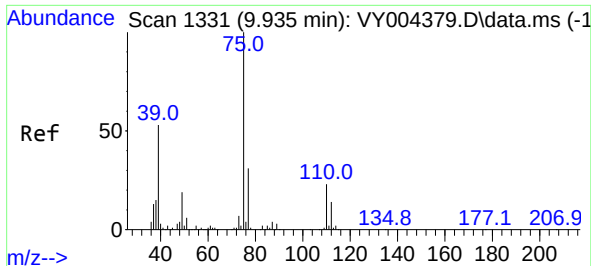
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#53
t-1,3-Dichloropropene
Concen: 42.55 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

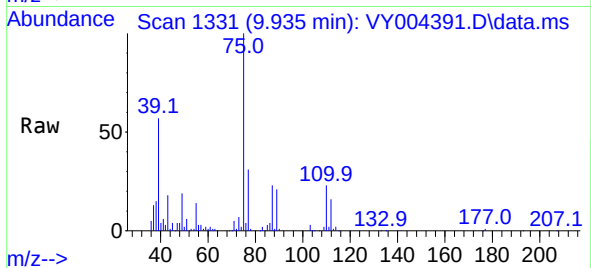
Tgt Ion: 75 Resp: 117430
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8





#54
cis-1,3-Dichloropropene
Concen: 40.80 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

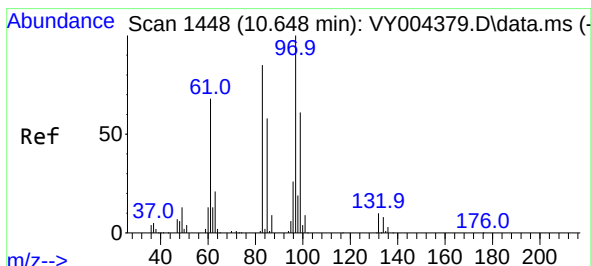
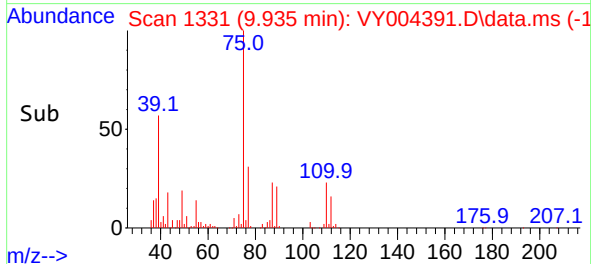
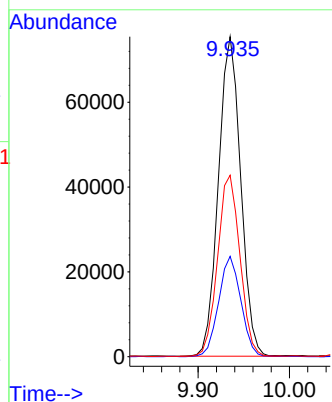
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



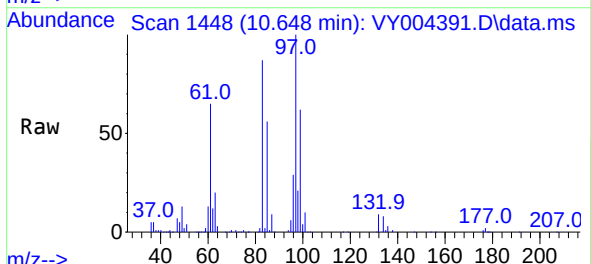
Tgt Ion: 75 Resp: 127890
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0
39 56.7 42.1 63.1

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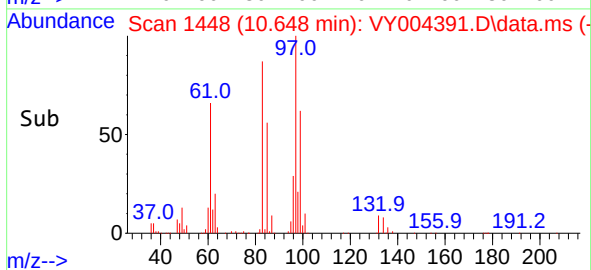
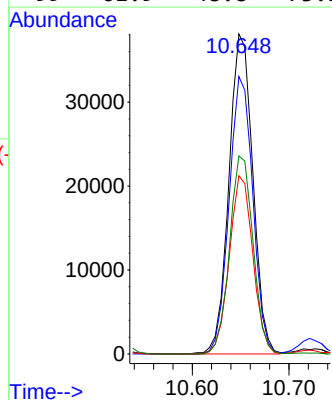
MMDadoda
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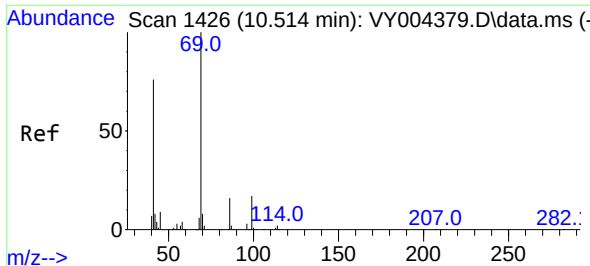


#55
1,1,2-Trichloroethane
Concen: 45.99 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

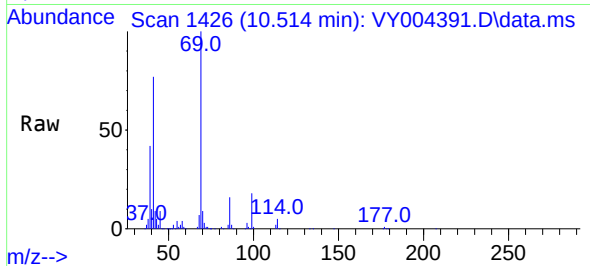


Tgt Ion: 97 Resp: 65494
Ion Ratio Lower Upper
97 100
83 86.7 68.4 102.6
85 55.7 46.2 69.4
99 61.9 48.8 73.2

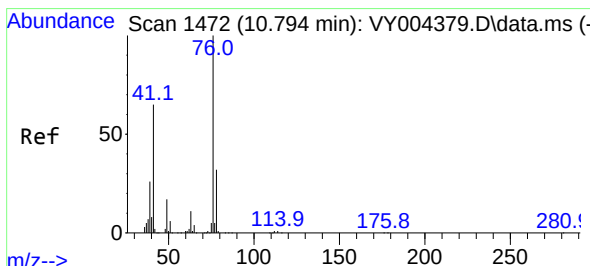
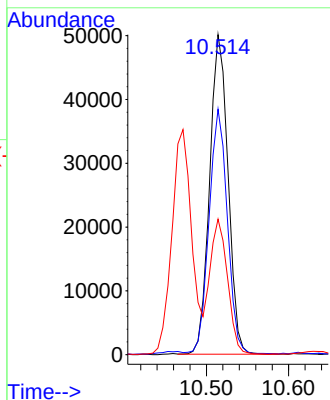
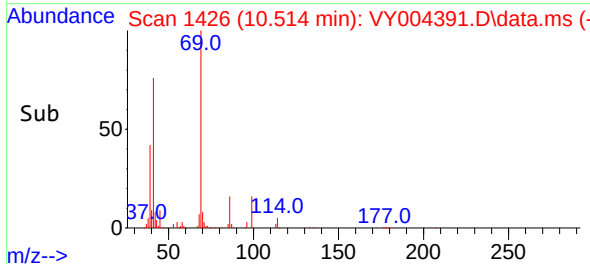




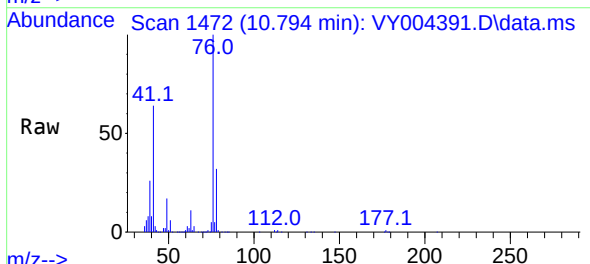
#56
Ethyl methacrylate
Concen: 37.72 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



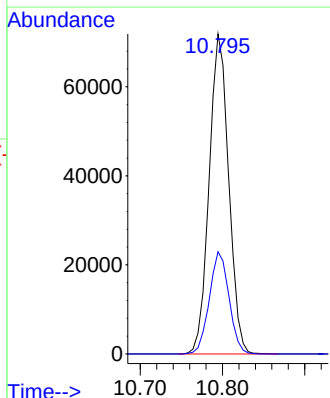
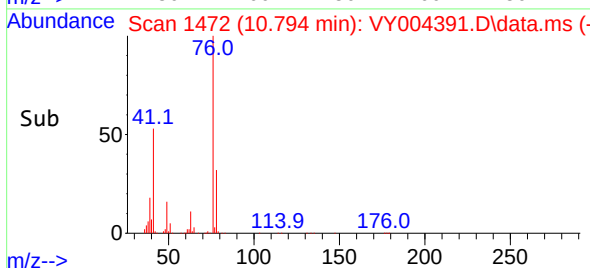
Tgt Ion:	69	Resp:	77896
Ion	Ratio	Lower	Upper
69	100		
41	76.3	59.2	88.8
39	40.2	31.0	46.6



#57
1,3-Dichloropropane
Concen: 46.59 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



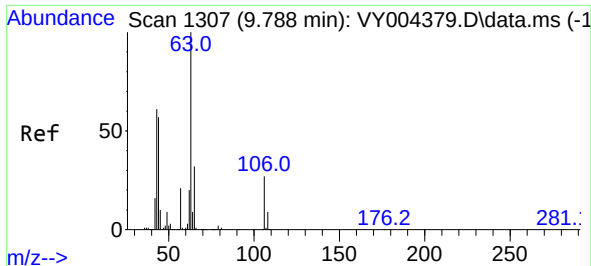
Tgt Ion:	76	Resp:	118400
Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9



Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Manual Integrations
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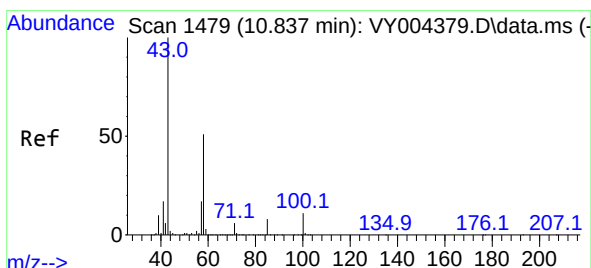
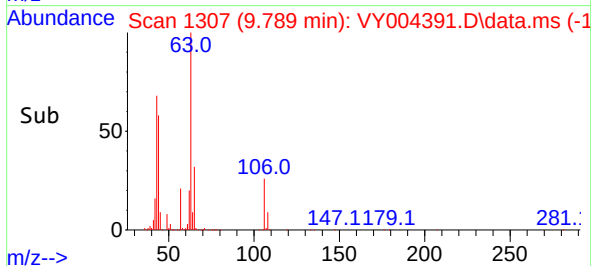
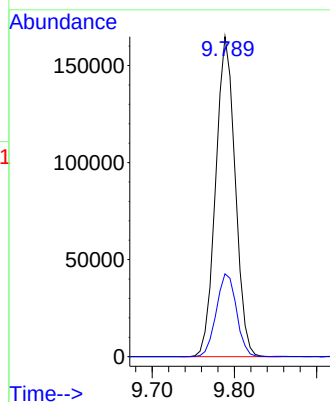
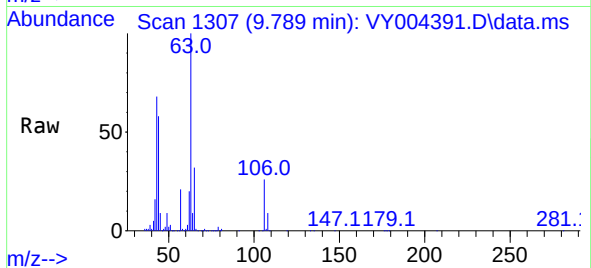
#58
2-Chloroethyl Vinyl ether
Concen: 257.05 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Tgt Ion: 63 Resp: 271614
Ion Ratio Lower Upper
63 100
106 26.8 21.7 32.5

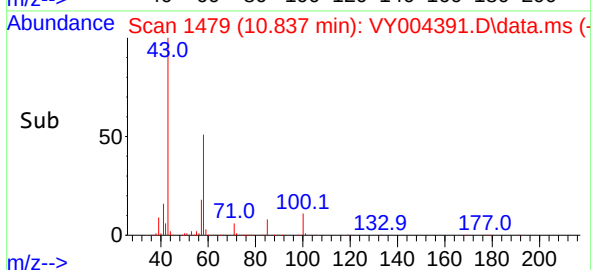
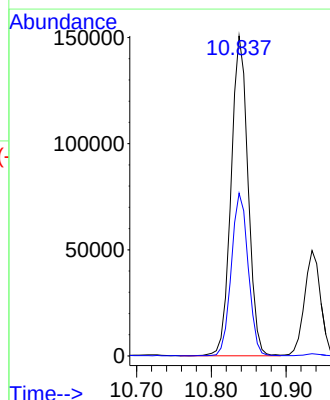
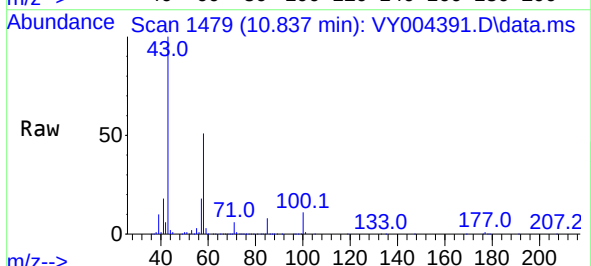
Manual Integrations
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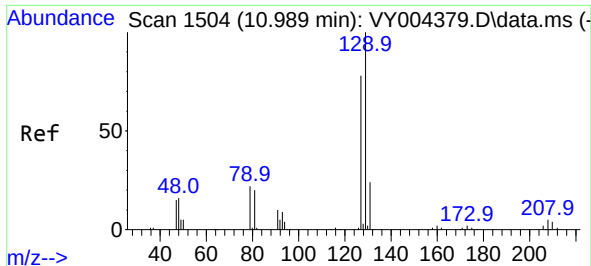
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#59
2-Hexanone
Concen: 216.06 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 43 Resp: 237724
Ion Ratio Lower Upper
43 100
58 50.6 25.4 76.4





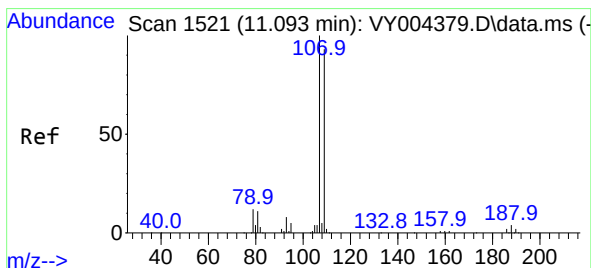
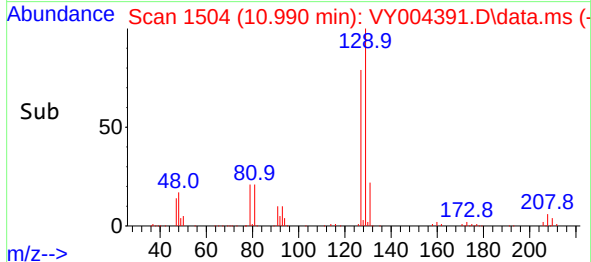
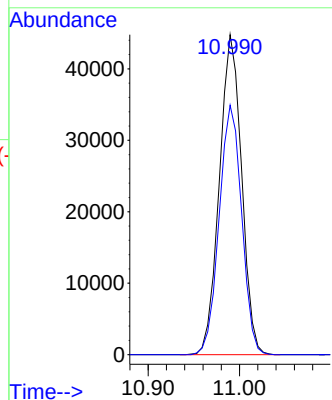
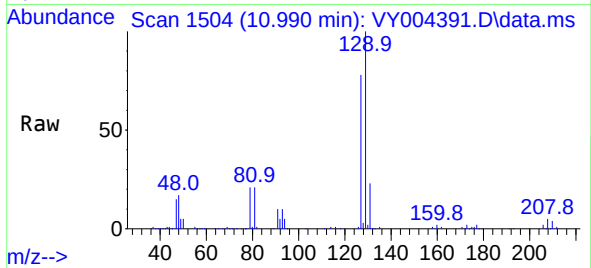
#60
Dibromochloromethane
Concen: 44.70 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:129 Resp: 75644
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

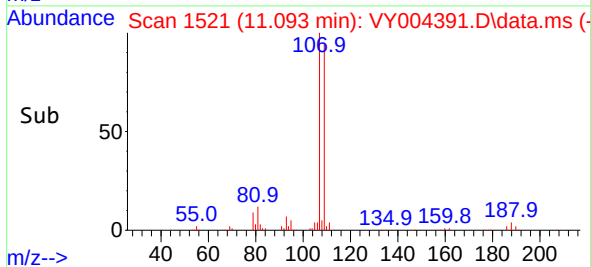
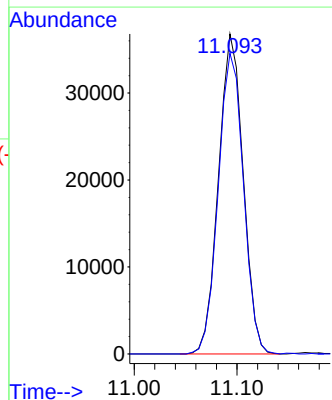
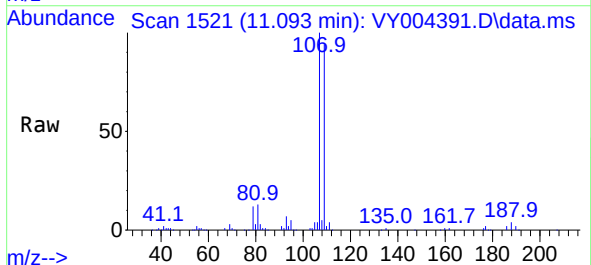
Manual Integrations
APPROVED

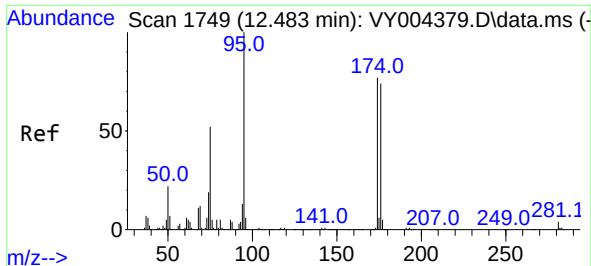
MMDadoda
4/13/2021 4:09:48 PM



#61
1,2-Dibromoethane
Concen: 44.63 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:107 Resp: 61284
Ion Ratio Lower Upper
107 100
109 95.9 75.5 113.3





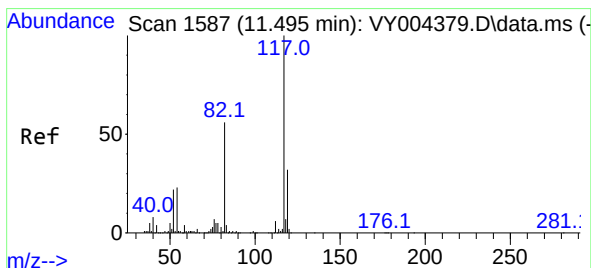
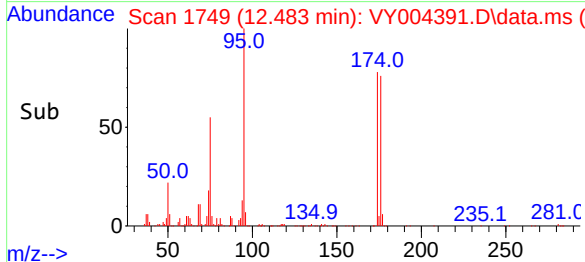
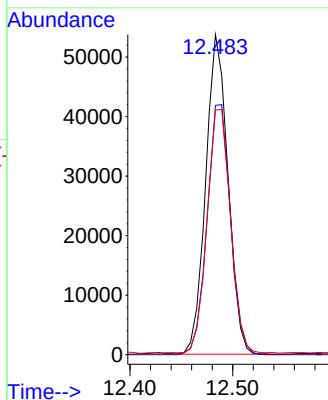
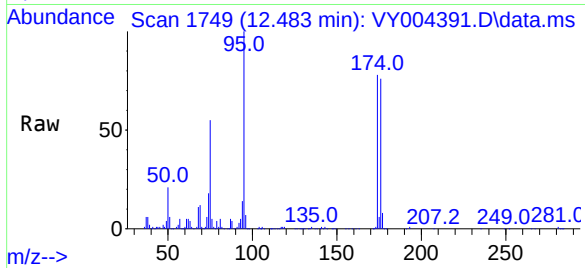
#62
4-Bromofluorobenzene
Concen: 38.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 95 Resp: 80684
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 80.2 0.0 156.0

Instrument :
MSVOA_Y
ClientSampleId :
SB-5A

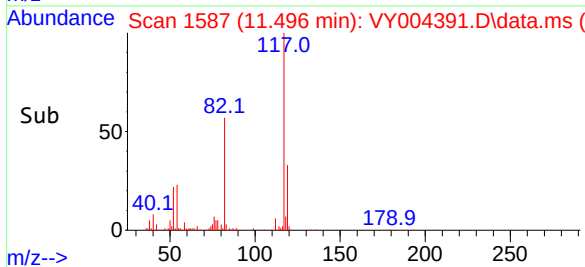
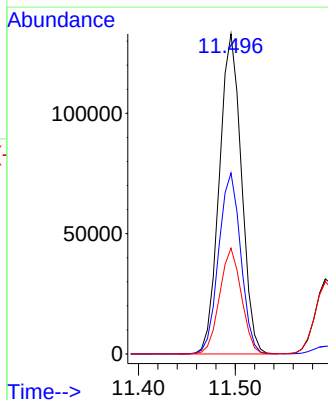
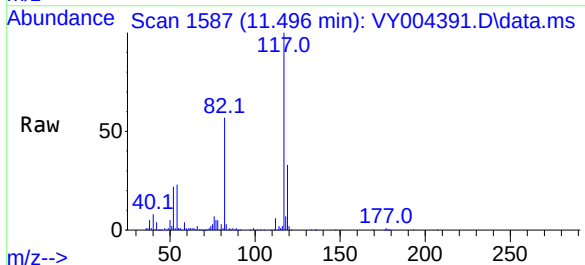
Manual Integrations
APPROVED

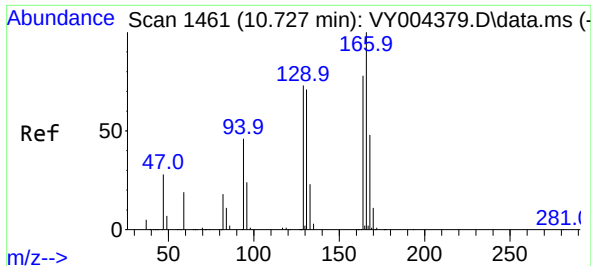
MMDadoda
4/13/2021 4:09:48 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

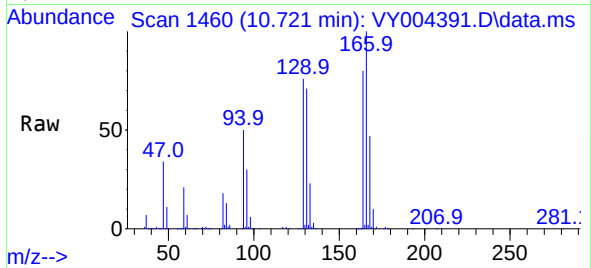
Tgt Ion: 117 Resp: 210946
Ion Ratio Lower Upper
117 100
82 56.5 44.9 67.3
119 33.0 25.4 38.0





#64
Tetrachloroethene
Concen: 64.40 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

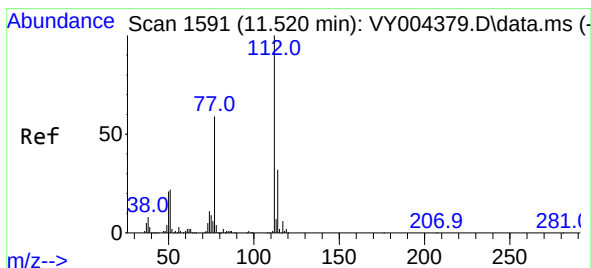
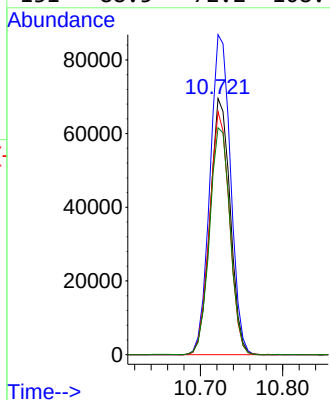
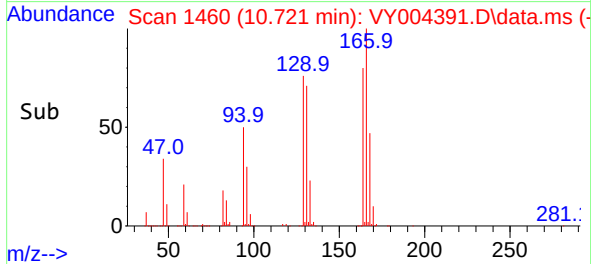
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



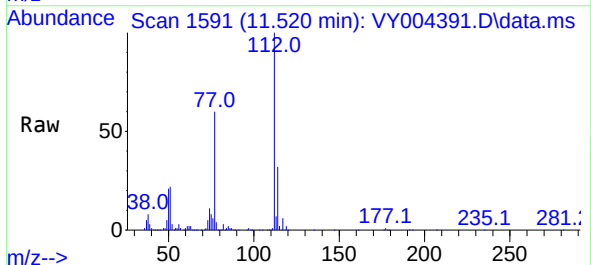
Tgt Ion:164 Resp: 118262
Ion Ratio Lower Upper
164 100
166 124.9 102.1 153.1
129 94.8 74.8 112.2
131 88.5 72.2 108.4

Manual Integrations
APPROVED

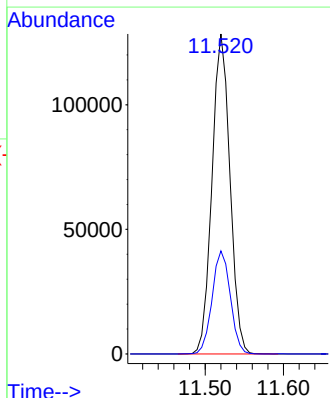
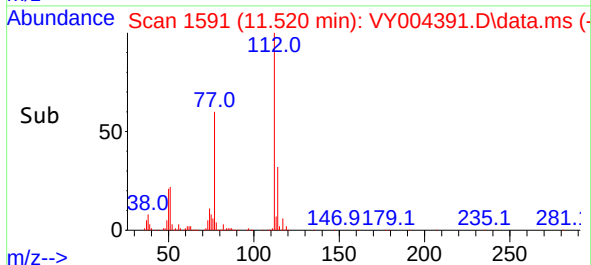
MMDadoda
4/13/2021 4:09:48 PM

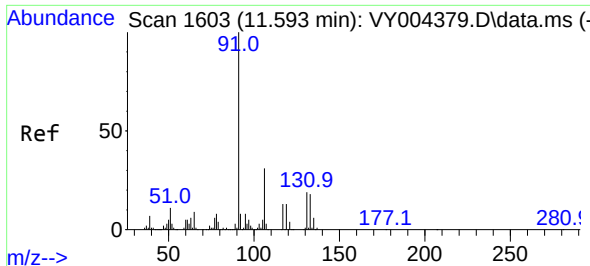


#65
Chlorobenzene
Concen: 47.49 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



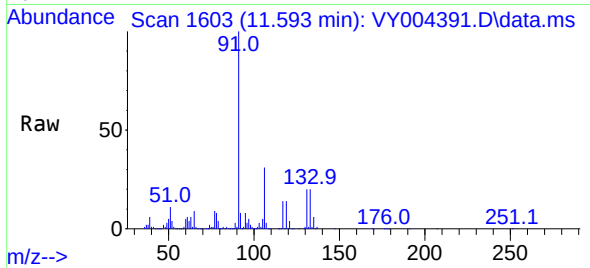
Tgt Ion:112 Resp: 204418
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





#66
1,1,1,2-Tetrachloroethane
Concen: 49.88 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

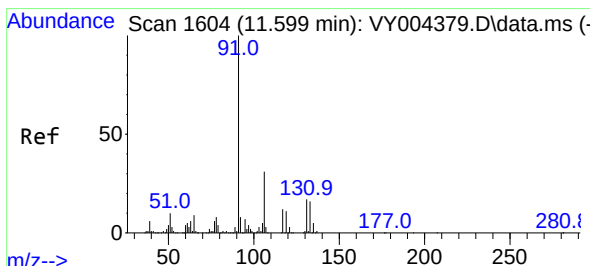
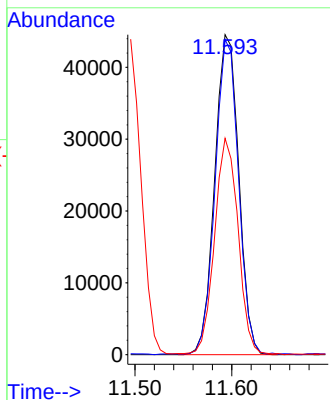
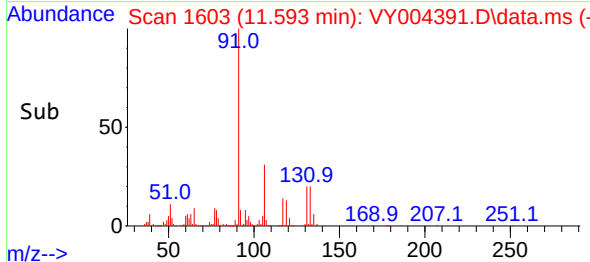
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



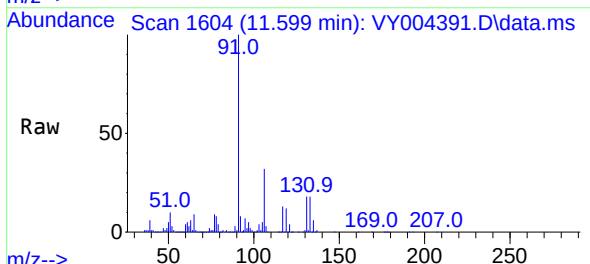
Tgt Ion:131 Resp: 76644
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 66.7 32.6 98.0

Manual Integrations
APPROVED

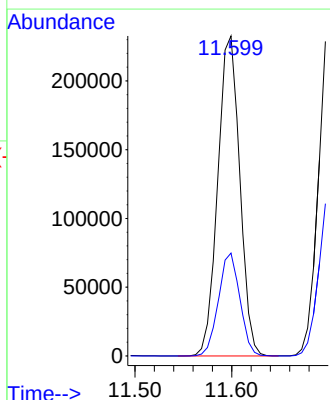
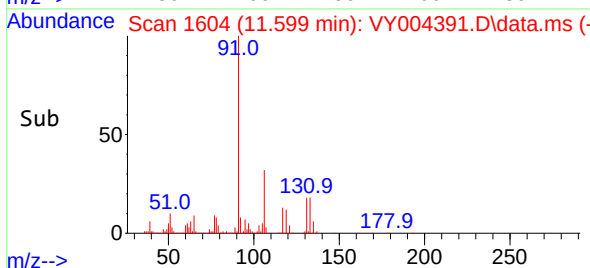
MMDadoda
4/13/2021 4:09:48 PM

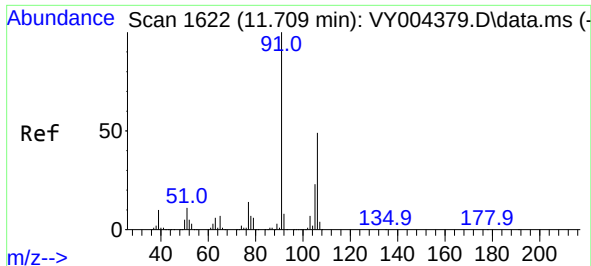


#67
Ethyl Benzene
Concen: 45.61 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



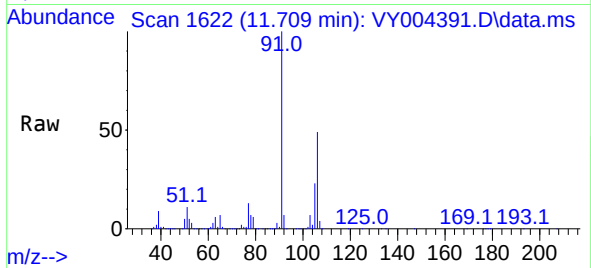
Tgt Ion: 91 Resp: 367393
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7





#68
m/p-Xylenes
Concen: 90.52 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

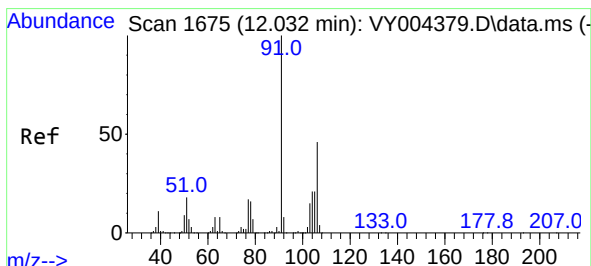
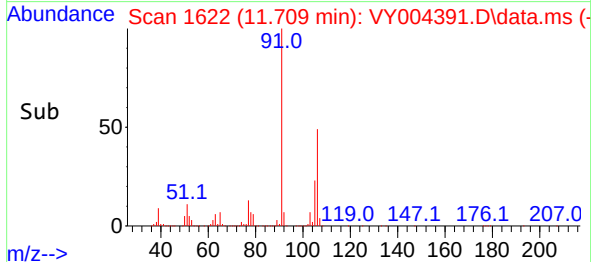
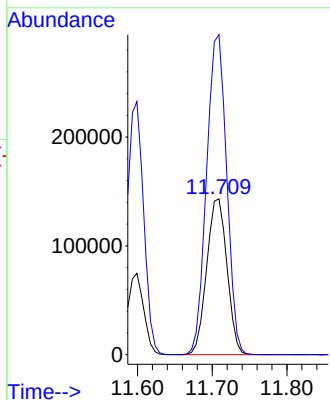
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



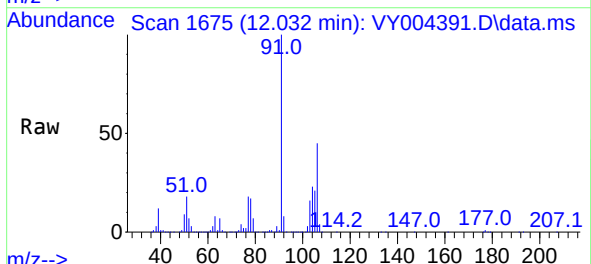
Tgt Ion:106 Resp: 270931
Ion Ratio Lower Upper
106 100
91 203.5 163.2 244.8

Manual Integrations
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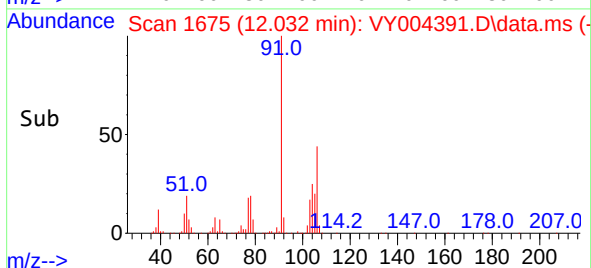
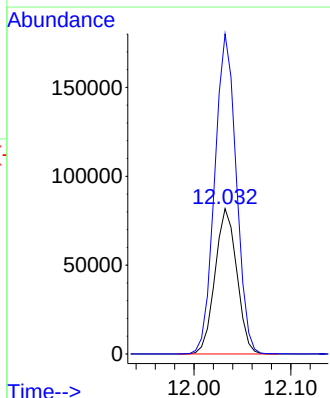
MMDadoda
4/13/2021 4:09:48 PM

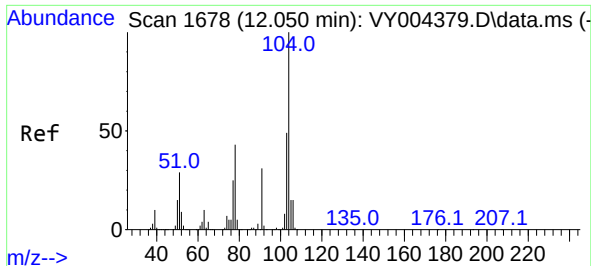


#69
o-Xylene
Concen: 45.49 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



Tgt Ion:106 Resp: 127575
Ion Ratio Lower Upper
106 100
91 218.2 107.4 322.2





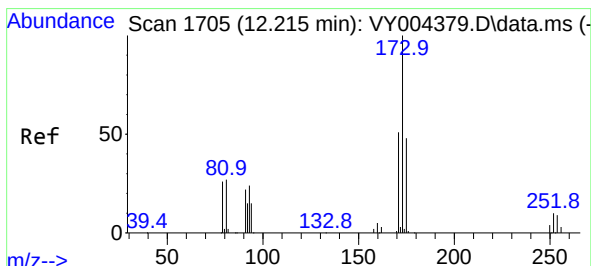
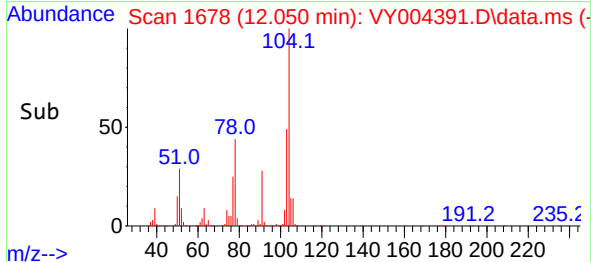
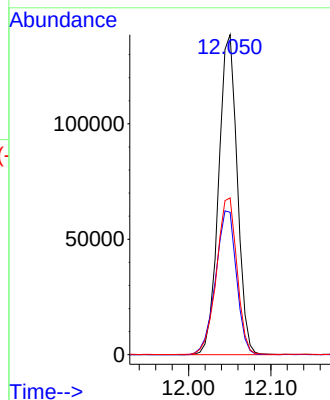
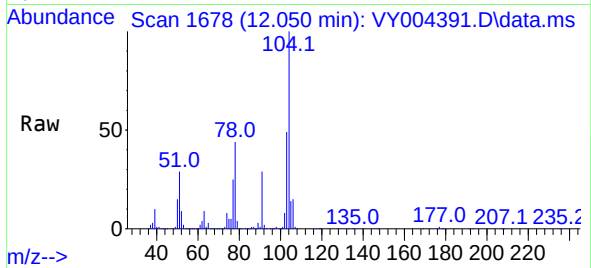
#70
Styrene
Concen: 47.11 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:104 Resp: 218845
Ion Ratio Lower Upper
104 100
78 50.4 39.9 59.9
103 53.8 43.4 65.2

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

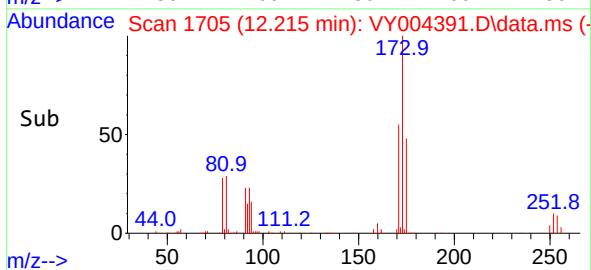
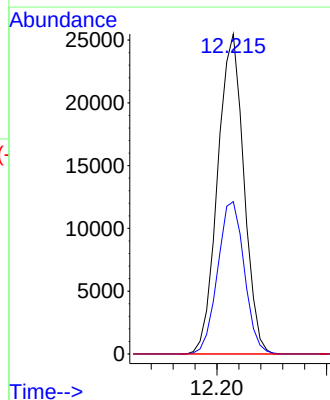
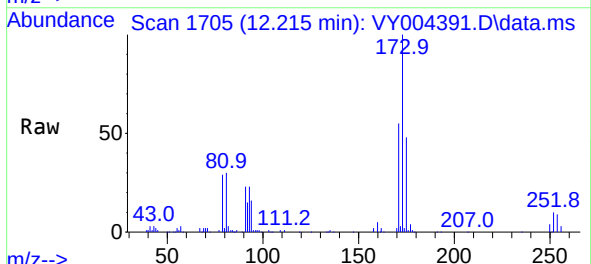
Manual Integrations
APPROVED

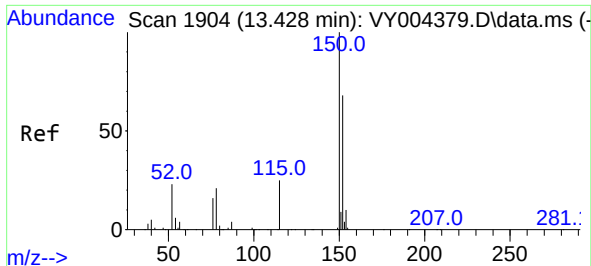
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4/13/2021 4:09:48 PM



#71
Bromoform
Concen: 46.40 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:173 Resp: 42285
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

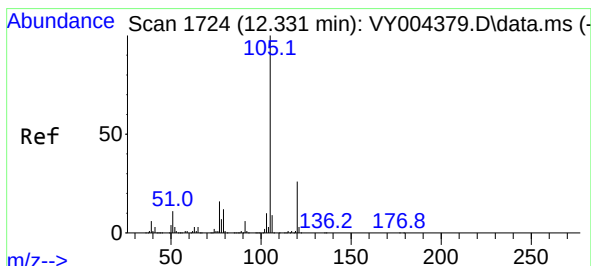
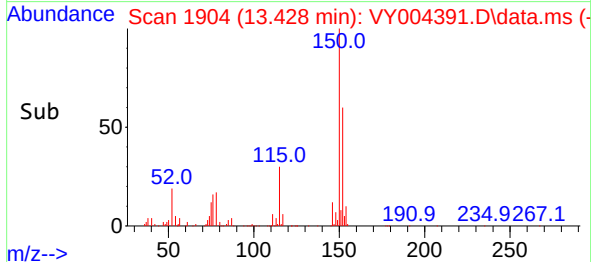
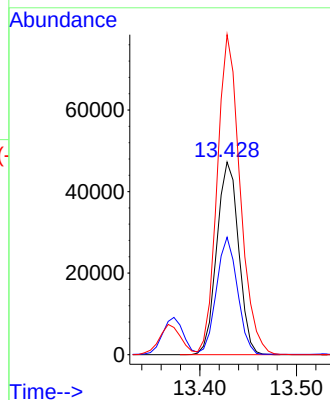
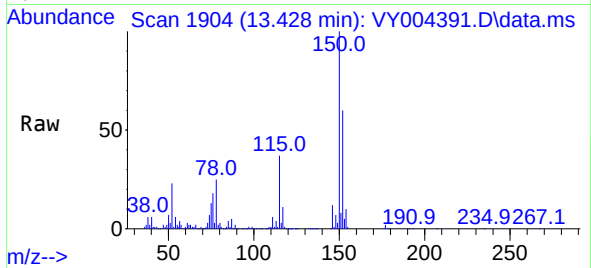
Tgt Ion:152 Resp: 74108

Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.6	88.8
150	173.9	0.0	348.4

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Manual Integrations
APPROVED

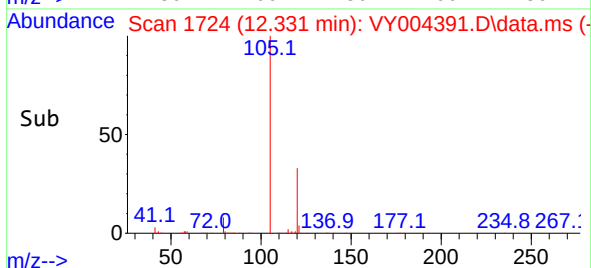
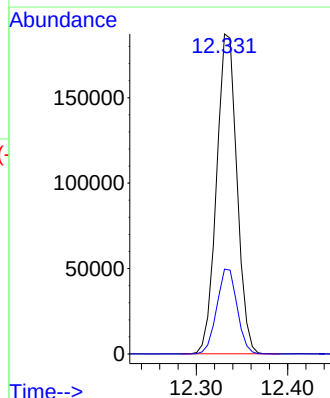
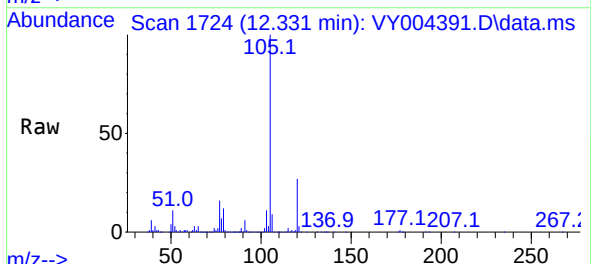
MMDadoda
4/13/2021 4:09:48 PM

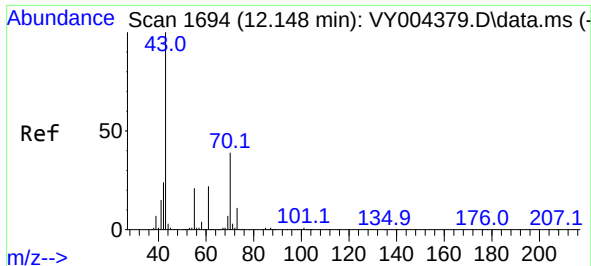


#73
Isopropylbenzene
Concen: 50.60 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:105 Resp: 289743

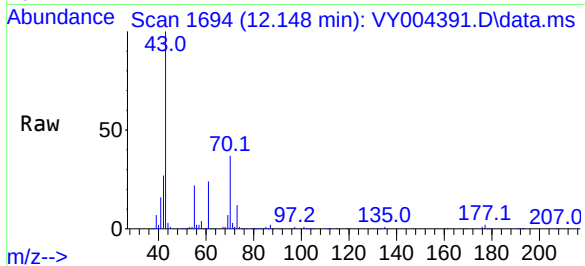
Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.5





#74
N-amy1 acetate
Concen: 46.39 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

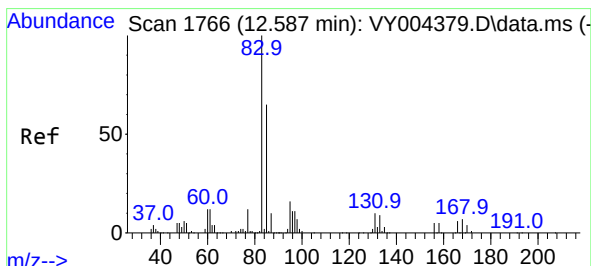
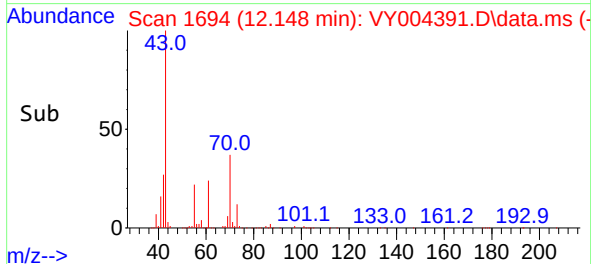
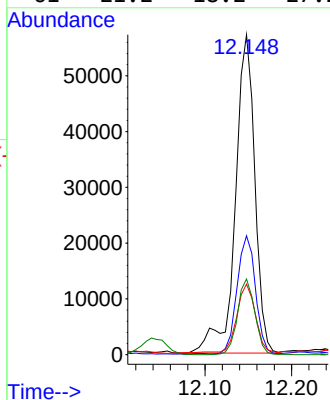
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



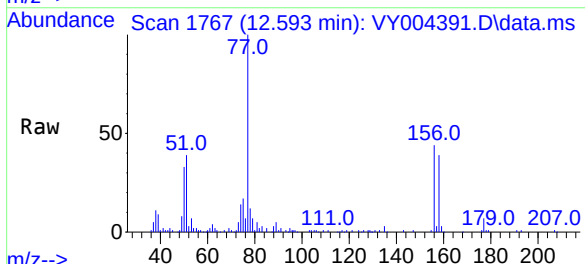
Tgt Ion: 43 Resp: 89431
Ion Ratio Lower Upper
43 100
70 34.9 30.4 45.6
55 21.4 17.4 26.0
61 21.2 18.2 27.2

Manual Integrations
APPROVED

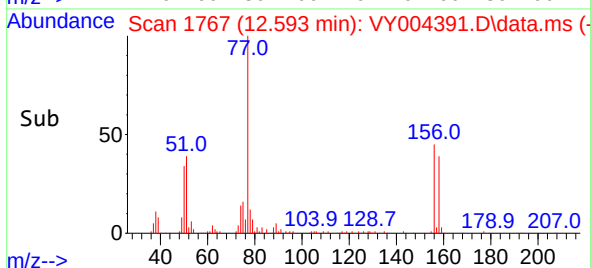
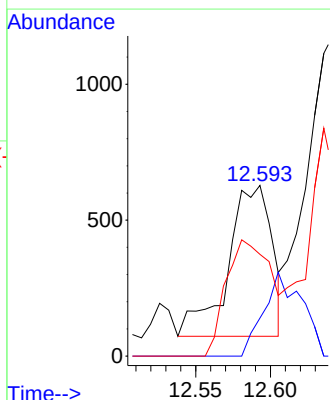
MMDadoda
4/13/2021 4:09:48 PM

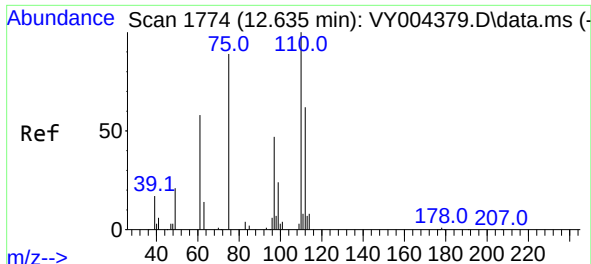


#75
1,1,2,2-Tetrachloroethane
Concen: 1.05 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



Tgt Ion: 83 Resp: 1140
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 86.3 31.6 94.8





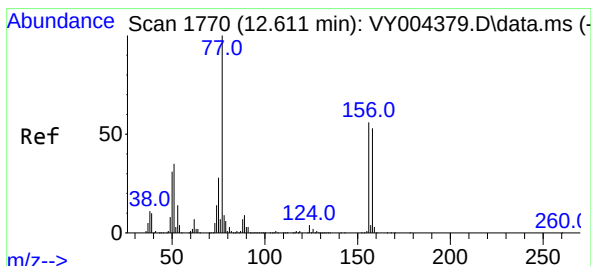
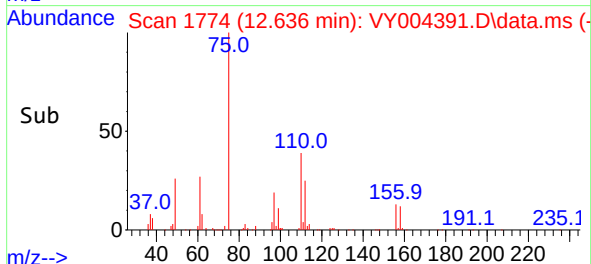
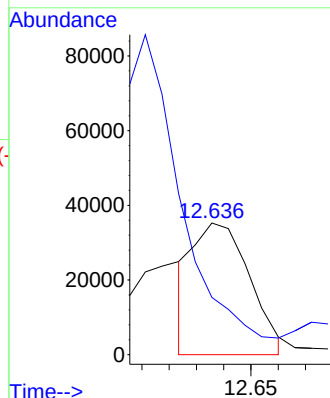
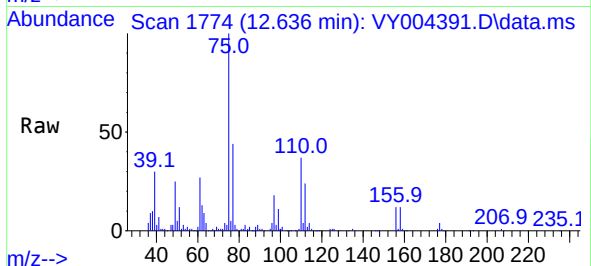
#76
1,2,3-Trichloropropane
Concen: 64.45 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 75 Resp: 51261
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

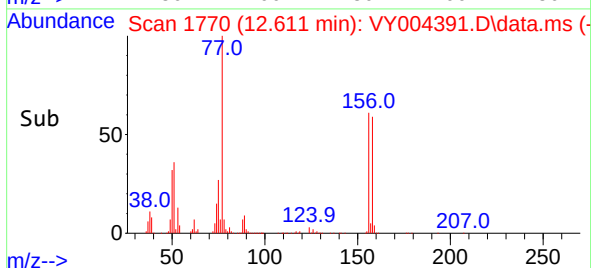
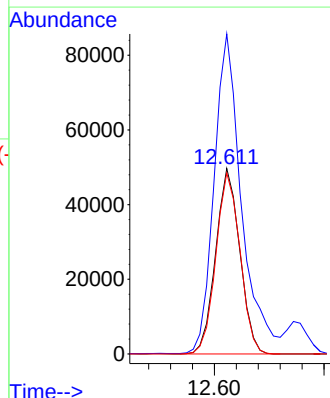
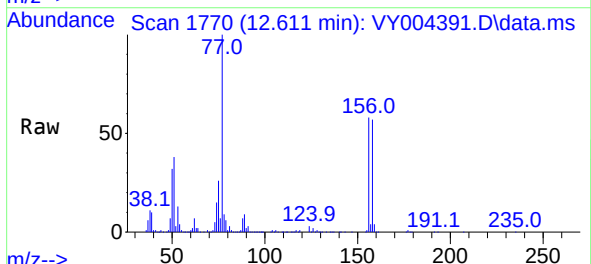
Manual Integrations
APPROVED

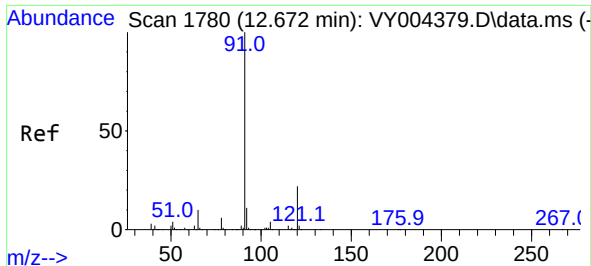
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4/13/2021 4:09:48 PM



#77
Bromobenzene
Concen: 59.18 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 156 Resp: 75969
Ion Ratio Lower Upper
156 100
77 195.7 98.6 295.7
158 97.3 48.4 145.2





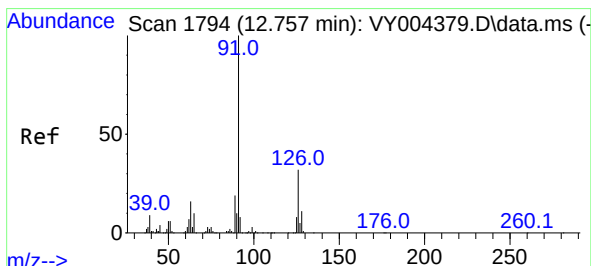
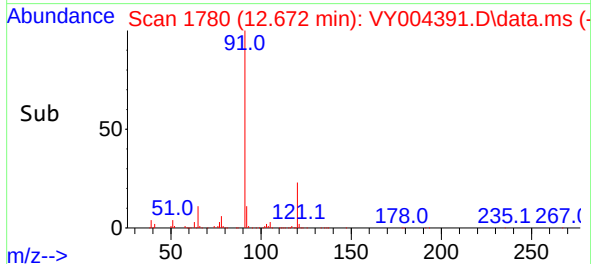
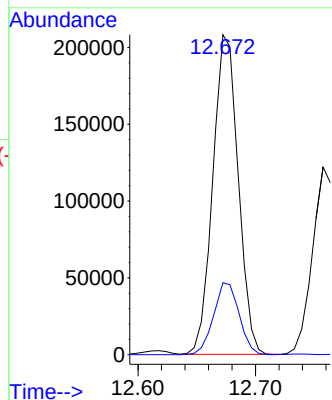
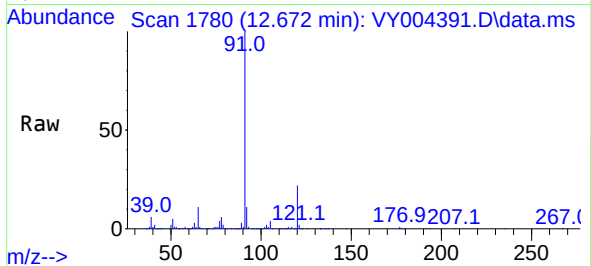
#78
n-propylbenzene
Concen: 46.20 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Tgt Ion: 91 Resp: 312573
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

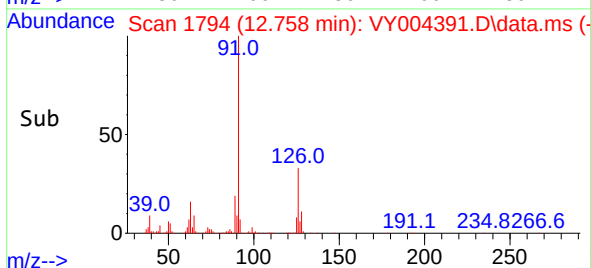
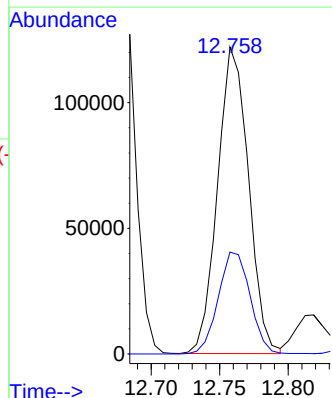
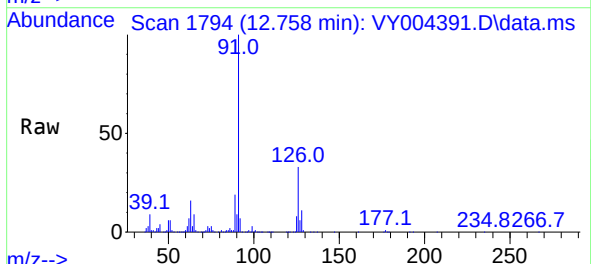
Manual Integrations
APPROVED

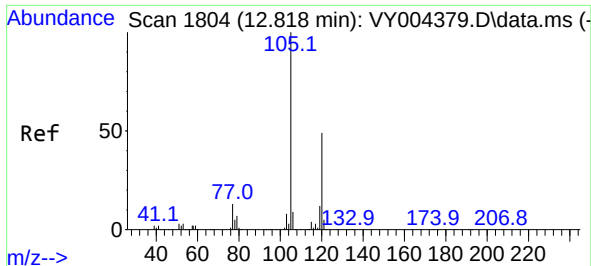
MMDadoda
4/13/2021 4:09:48 PM



#79
2-Chlorotoluene
Concen: 51.78 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 91 Resp: 191578
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1





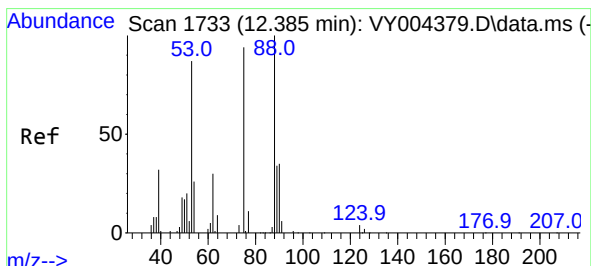
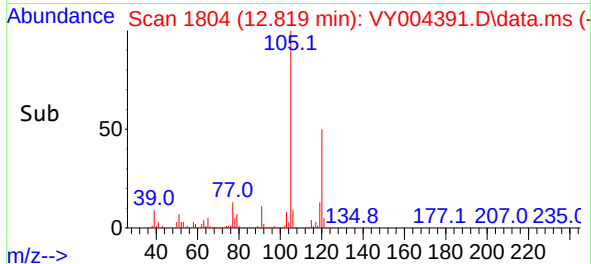
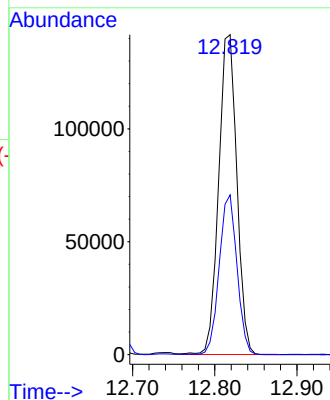
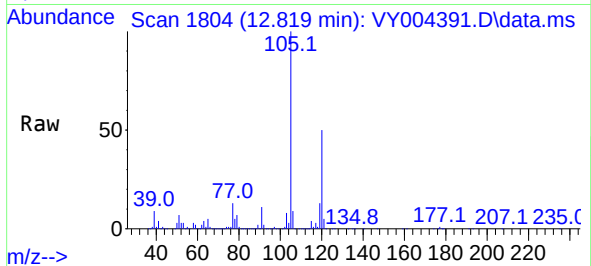
#80
1,3,5-Trimethylbenzene
Concen: 46.65 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 105 Resp: 217132
Ion Ratio Lower Upper
105 100
120 49.0 24.6 74.0

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

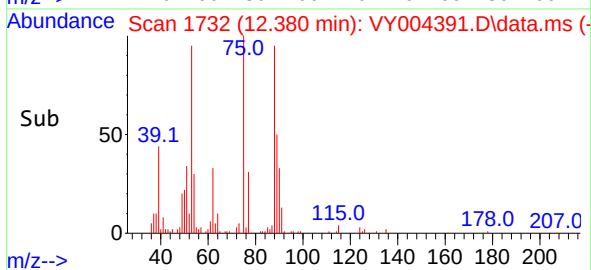
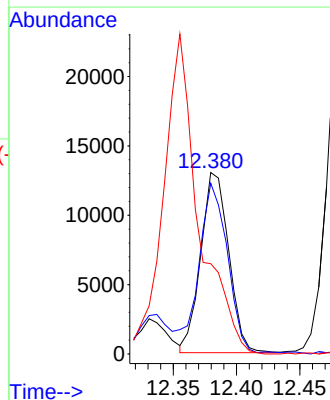
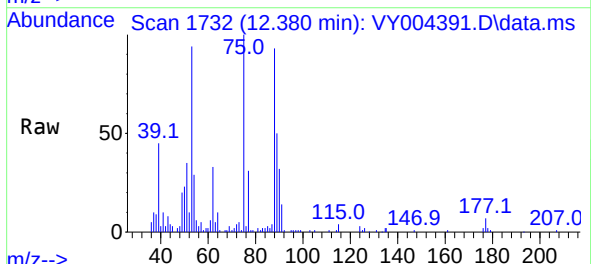
Manual Integrations
APPROVED

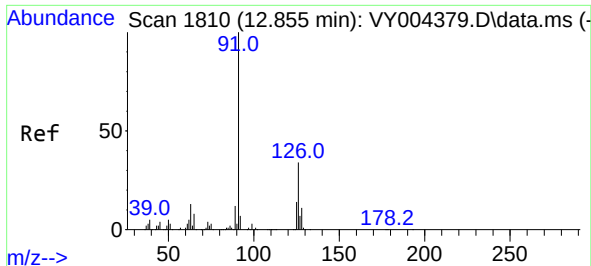
MMDadoda
4/13/2021 4:09:48 PM



#81
trans-1,4-Dichloro-2-butene
Concen: 45.05 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 75 Resp: 20030
Ion Ratio Lower Upper
75 100
53 96.8 75.0 112.6
89 0.0 36.1 54.1#





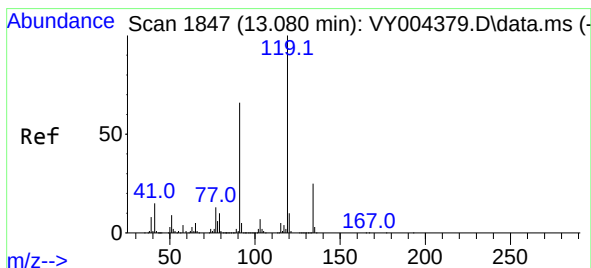
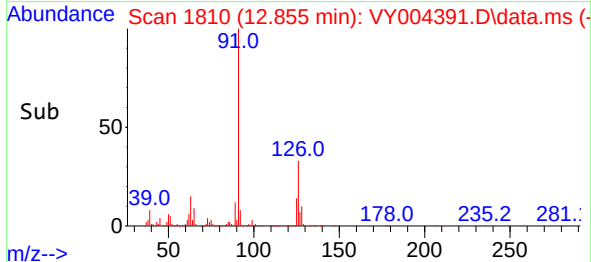
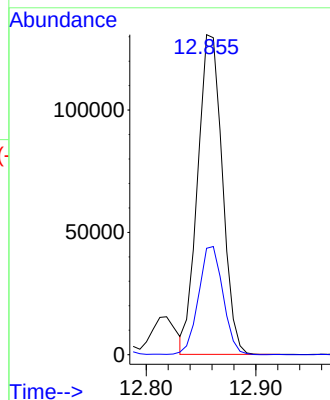
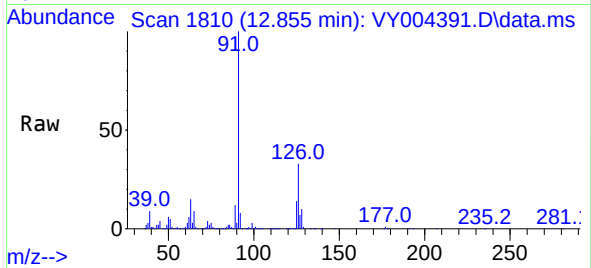
#82
4-Chlorotoluene
Concen: 52.24 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 91 Resp: 204111
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

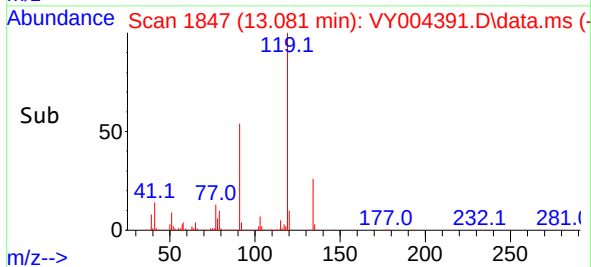
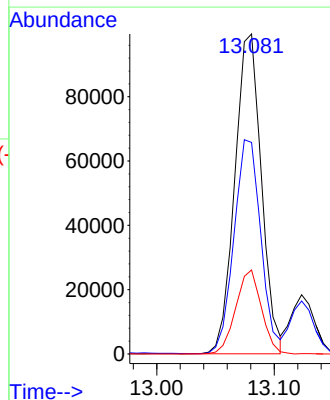
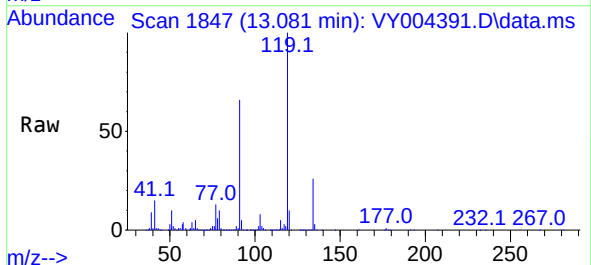
Manual Integrations
APPROVED

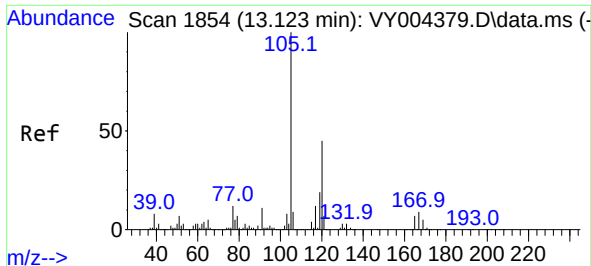
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#83
tert-Butylbenzene
Concen: 39.36 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion: 119 Resp: 156792
Ion Ratio Lower Upper
119 100
91 67.7 32.6 98.0
134 25.4 12.9 38.6





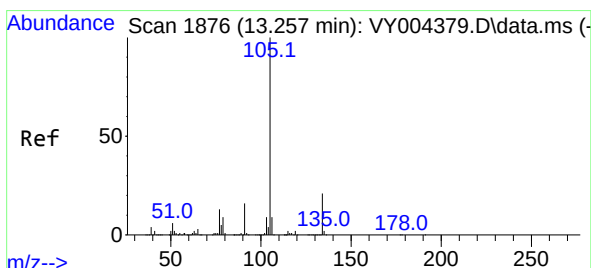
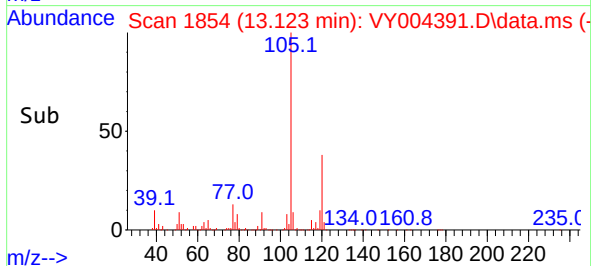
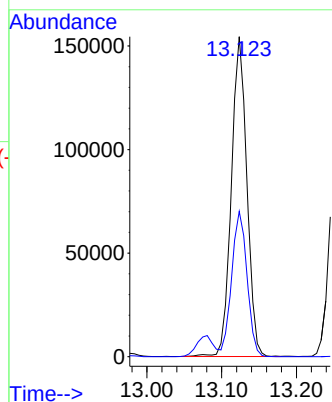
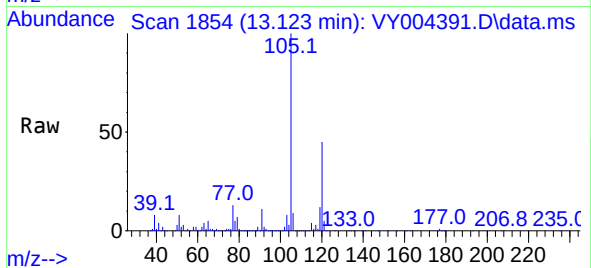
#84
1,2,4-Trimethylbenzene
Concen: 47.42 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:105 Resp: 222749
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

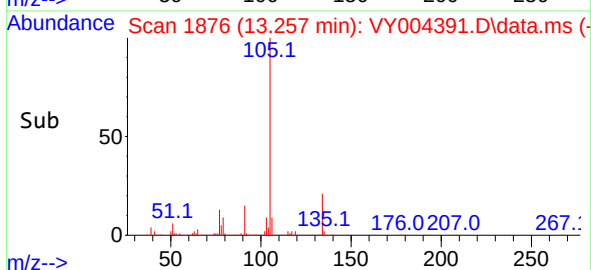
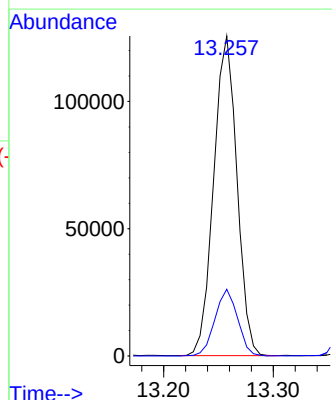
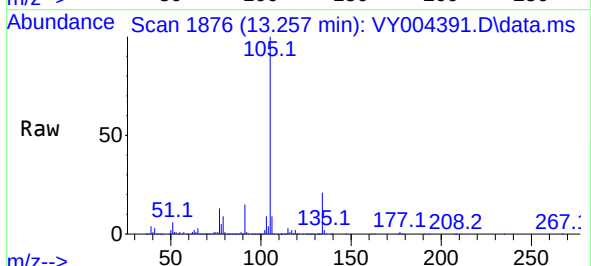
Manual Integrations
APPROVED

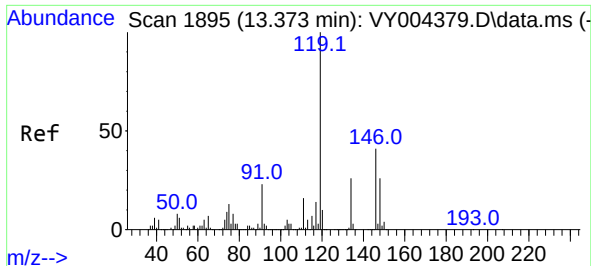
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#85
sec-Butylbenzene
Concen: 33.28 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

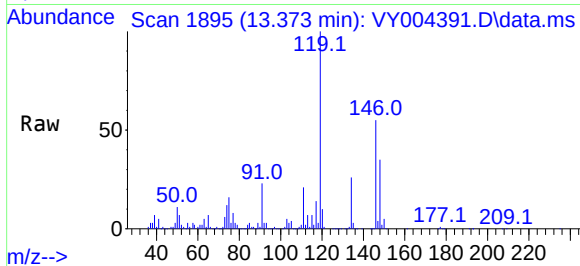
Tgt Ion:105 Resp: 184953
Ion Ratio Lower Upper
105 100
134 20.4 10.1 30.3





#86
p-Isopropyltoluene
Concen: 34.28 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

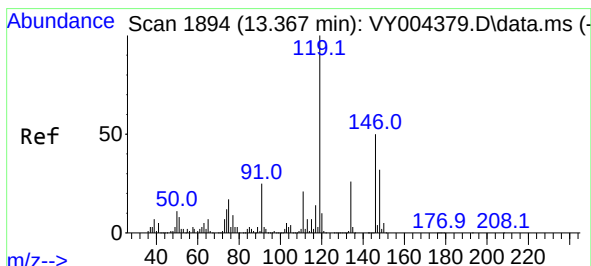
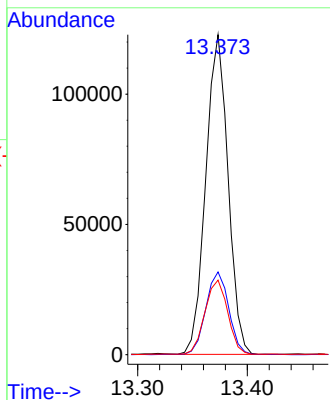
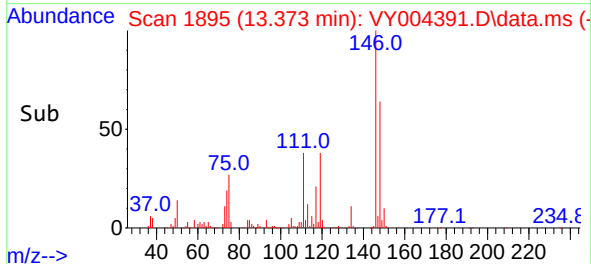
Instrument :
MSVOA_Y
ClientSampled :
SB-5A



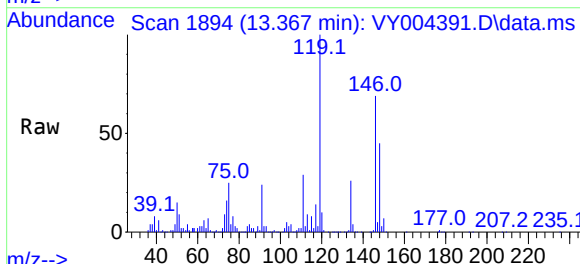
Tgt Ion:119 Resp: 173267
Ion Ratio Lower Upper
119 100
134 26.8 13.3 39.8
91 23.7 11.9 35.7

Manual Integrations
APPROVED

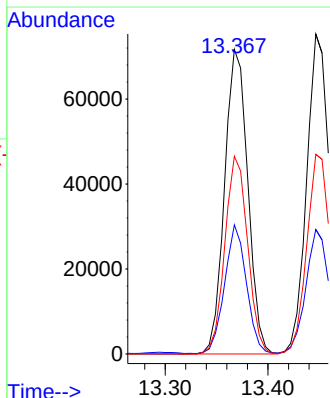
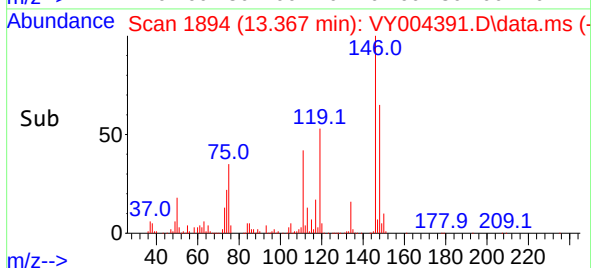
MMDadoda
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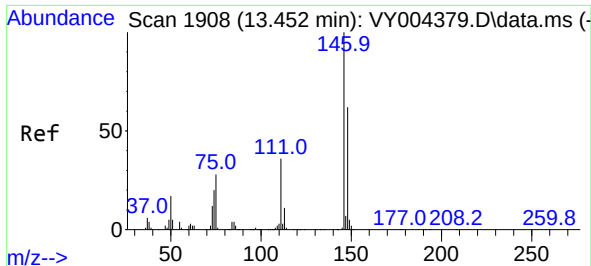


#87
1,3-Dichlorobenzene
Concen: 46.91 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

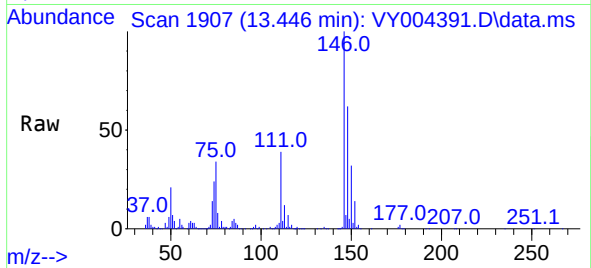


Tgt Ion:146 Resp: 112476
Ion Ratio Lower Upper
146 100
111 39.6 20.4 61.2
148 63.7 32.1 96.5

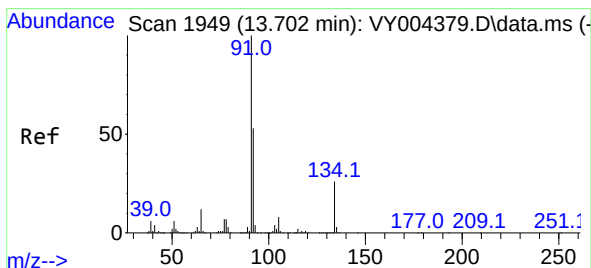
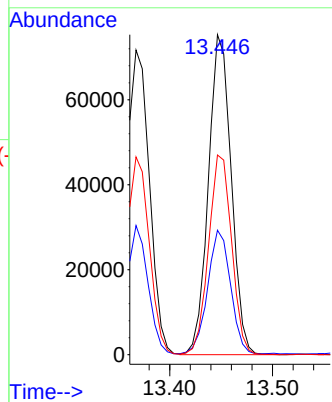
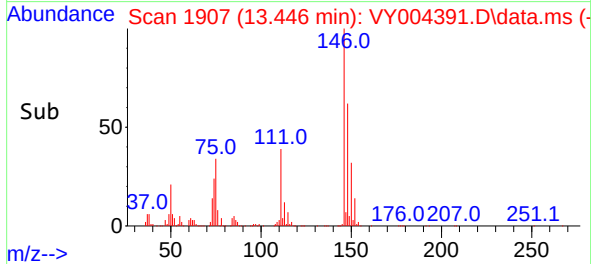




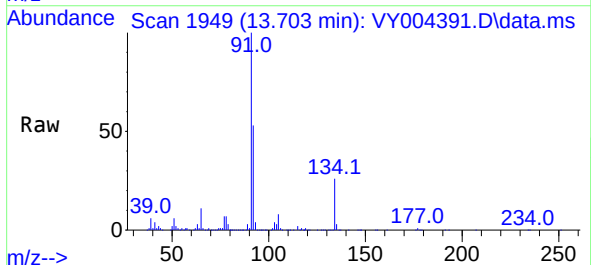
#88
1,4-Dichlorobenzene
Concen: 48.08 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



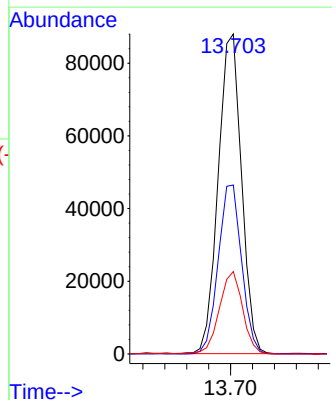
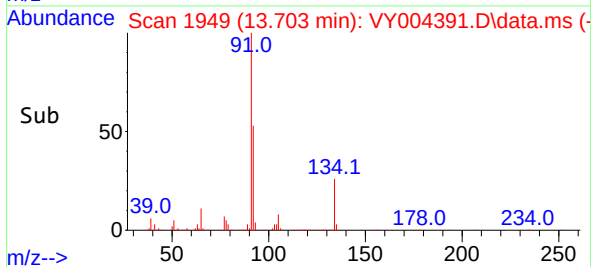
Tgt Ion: 146 Resp: 116033
Ion Ratio Lower Upper
146 100
111 38.9 19.6 58.8
148 63.3 31.9 95.5



#89
n-Butylbenzene
Concen: 26.96 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58



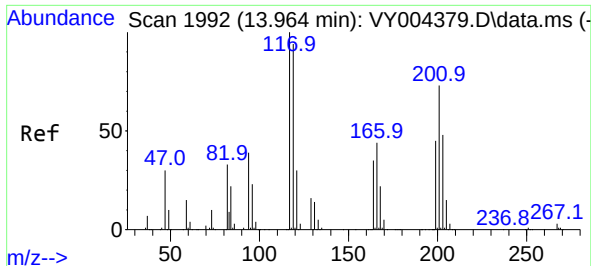
Tgt Ion: 91 Resp: 130102
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 25.8 12.7 38.1



Instrument :
MSVOA_Y
ClientSampled :
SB-5A

Manual Integrations
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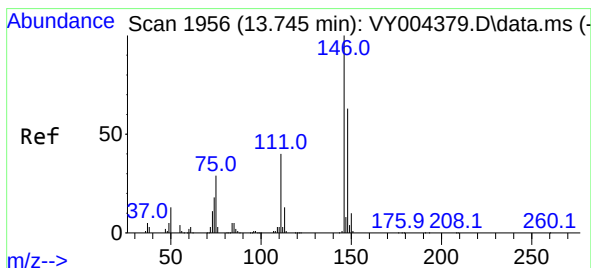
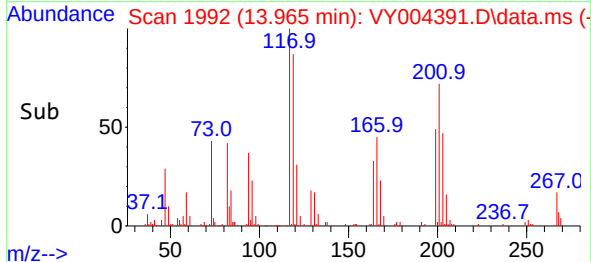
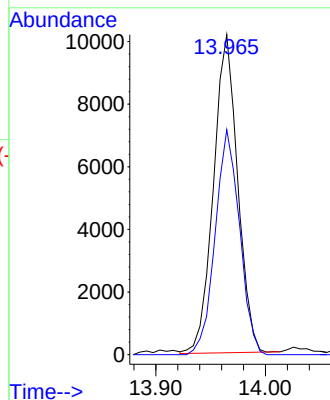
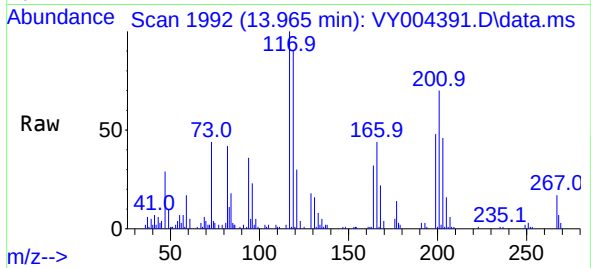
#90
Hexachloroethane
Concen: 22.95 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:117 Resp: 15568
Ion Ratio Lower Upper
117 100
201 71.3 36.6 109.9

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

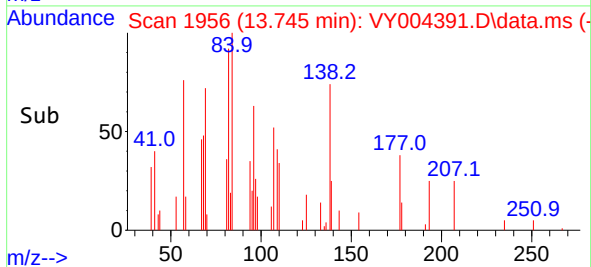
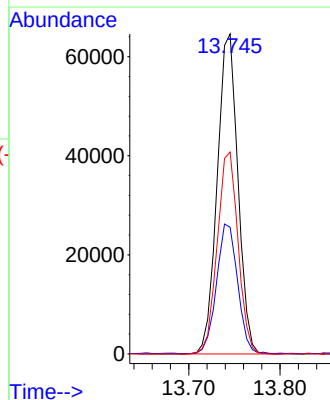
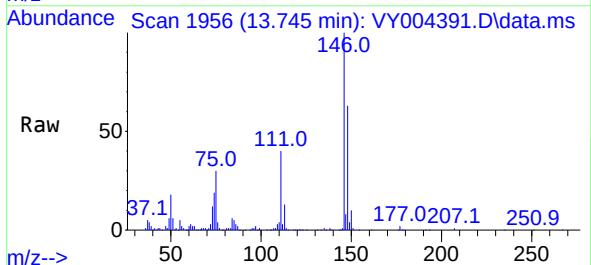
Manual Integrations
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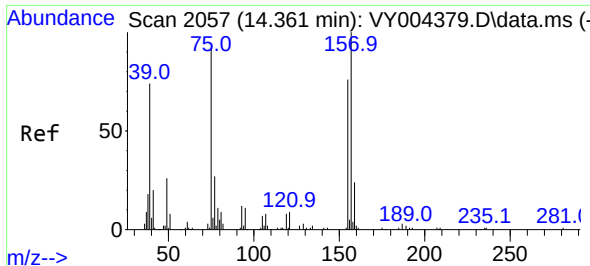
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#91
1,2-Dichlorobenzene
Concen: 47.78 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

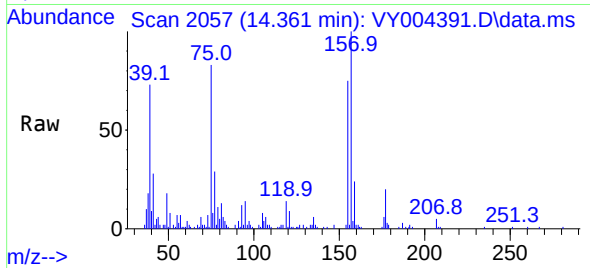
Tgt Ion:146 Resp: 101686
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.7
148 63.4 31.9 95.5





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.63 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VY004391.D
 Acq: 12 Apr 2021 17:58

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-5A

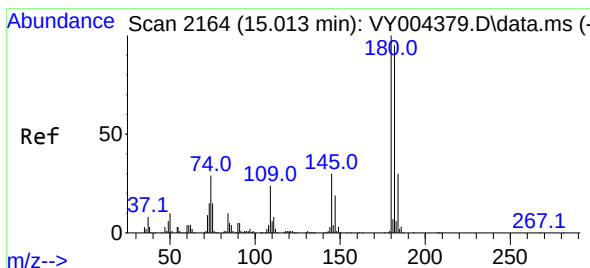
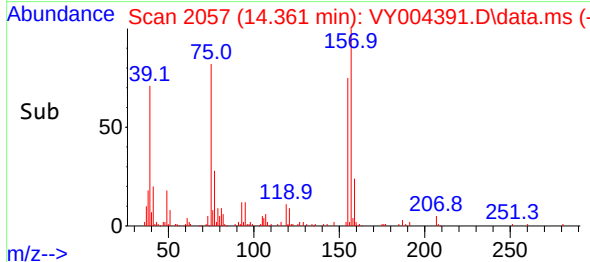
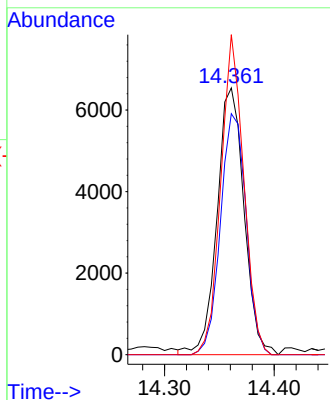


Tgt Ion: 75 Resp: 11204

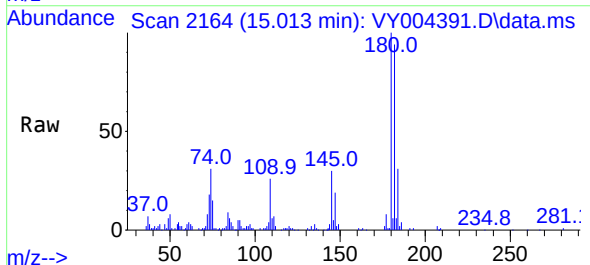
Ion	Ratio	Lower	Upper
75	100		
155	85.5	40.6	121.8
157	101.7	53.0	159.0

Manual Integrations
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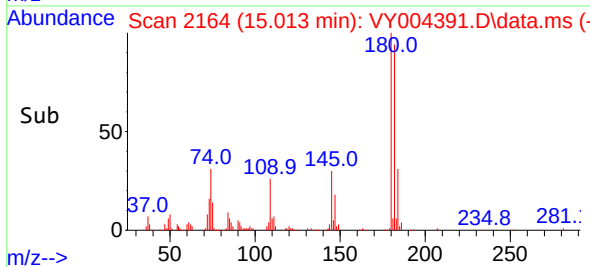
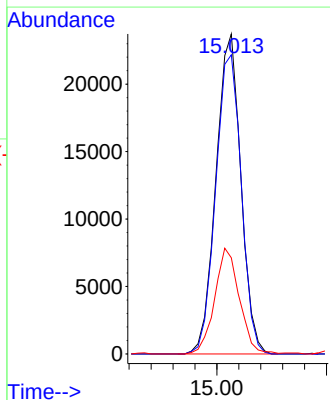


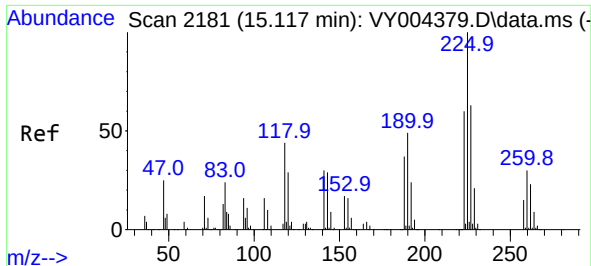
#93
 1,2,4-Trichlorobenzene
 Concen: 26.54 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: VY004391.D
 Acq: 12 Apr 2021 17:58



Tgt Ion: 180 Resp: 37340

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	141.8
145	33.0	15.5	46.5





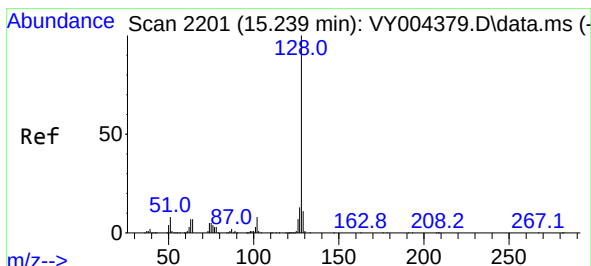
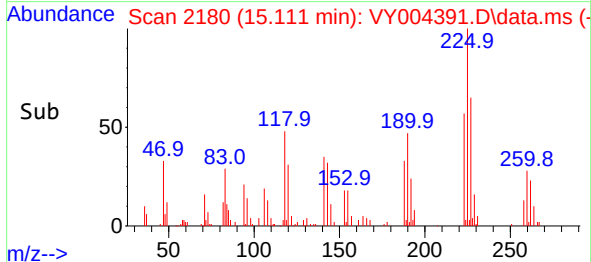
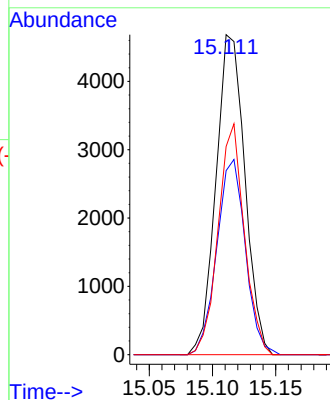
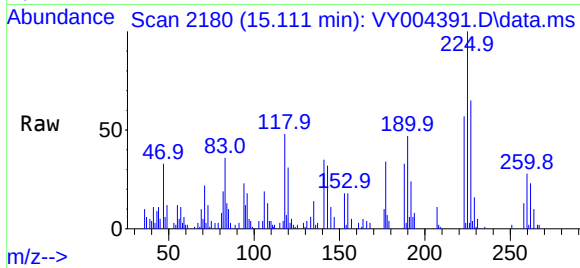
#94
Hexachlorobutadiene
Concen: 10.13 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:	225	Resp:	7443
Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.3	93.9
227	65.3	32.2	96.6

Instrument :
MSVOA_Y
ClientSampled :
SB-5A

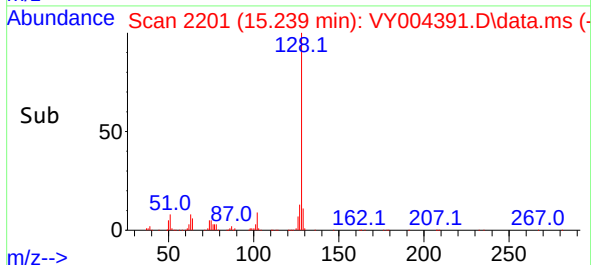
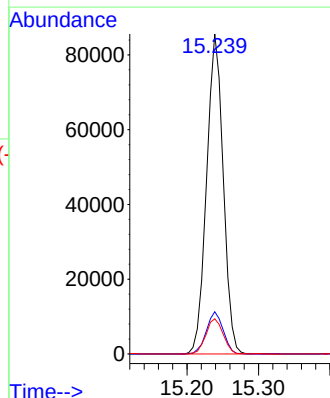
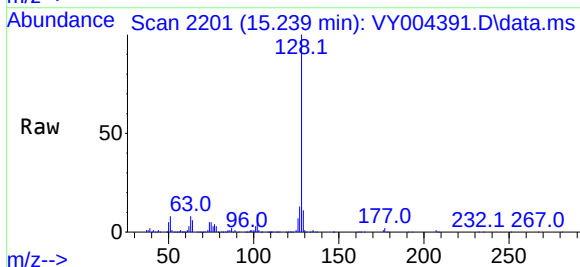
Manual Integrations
APPROVED

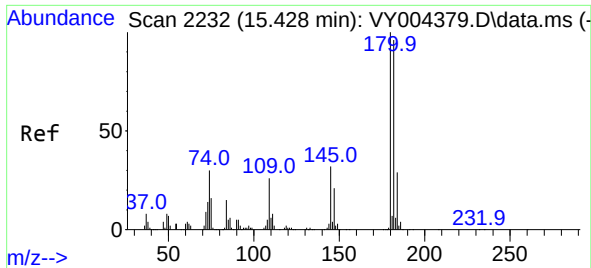
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#95
Naphthalene
Concen: 45.21 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004391.D
Acq: 12 Apr 2021 17:58

Tgt Ion:	128	Resp:	138288
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.4	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 25.71 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: VY004391.D
 Acq: 12 Apr 2021 17:58

Tgt Ion:	180	Resp:	31909
Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	33.8	16.3	48.8

Instrument :
 MSVOA_Y
 ClientSampled :
 SB-5A

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 4:09:48 PM

