

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003897.D
 Acq On : 12 Jan 2021 11:31
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations
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Quant Time: Jan 12 11:40:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:14:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	129977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	284438	168.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 336.24%#			
35) Dibromofluoromethane	7.722	113	225357	147.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 295.54%#			
50) Toluene-d8	10.179	98	893304	149.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 299.44%#			
62) 4-Bromofluorobenzene	12.477	95	320774	148.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 297.04%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	198705	132.82	ug/l	98
3) Chloromethane	2.113	50	271599	147.02	ug/l	97
4) Vinyl Chloride	2.253	62	297873	150.18	ug/l	96
5) Bromomethane	2.631	94	237822	158.05	ug/l	98
6) Chloroethane	2.790	64	200271	162.54	ug/l	99
7) Trichlorofluoromethane	3.125	101	421010	153.11	ug/l	99
8) Diethyl Ether	3.534	74	137899	159.78	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	218710	147.28	ug/l	94
10) Methyl Iodide	4.094	142	296948	164.86	ug/l	98
11) Tert butyl alcohol	4.972	59	139866	834.44	ug/l	100
12) 1,1-Dichloroethene	3.875	96	217130	151.52	ug/l	89
13) Acrolein	3.735	56	147437	860.16	ug/l	99
14) Allyl chloride	4.485	41	476047	180.35	ug/l	95
15) Acrylonitrile	5.174	53	412732	913.75	ug/l	99
16) Acetone	3.954	43	380164	980.87	ug/l	94
17) Carbon Disulfide	4.198	76	707896	152.79	ug/l	100
18) Methyl Acetate	4.485	43	205887	197.12	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	711784	169.53	ug/l	99
20) Methylene Chloride	4.722	84	246424	140.22	ug/l	87
21) trans-1,2-Dichloroethene	5.228	96	249973	152.51	ug/l	89
22) Diisopropyl ether	6.125	45	935041	177.58	ug/l	95
23) Vinyl Acetate	6.070	43	3383154	955.30	ug/l	97
24) 1,1-Dichloroethane	6.027	63	456715	162.26	ug/l	99
25) 2-Butanone	6.990	43	602818	1002.56	ug/l	94
26) 2,2-Dichloropropane	6.990	77	422049	159.16	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	280157	156.70	ug/l	95
28) Bromochloromethane	7.344	49	222204	181.56	ug/l	82
29) Tetrahydrofuran	7.350	42	400627	974.51	ug/l	94
30) Chloroform	7.515	83	461031	157.89	ug/l	97
31) Cyclohexane	7.789	56	458076	161.68	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	428927	158.22	ug/l	97
36) 1,1-Dichloropropene	7.923	75	365417	151.17	ug/l	99
37) Ethyl Acetate	7.082	43	263652	183.23	ug/l	97
38) Carbon Tetrachloride	7.905	117	391666	148.70	ug/l	97
39) Methylcyclohexane	9.185	83	455952	153.43	ug/l	97
40) Benzene	8.167	78	1027593	154.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	116326m	144.44	ug/l	
42) 1,2-Dichloroethane	8.240	62	350472	159.91	ug/l	98
43) Isopropyl Acetate	8.277	43	509699	189.13	ug/l	95
44) Trichloroethene	8.941	130	279938	142.82	ug/l	95
45) 1,2-Dichloropropane	9.215	63	266046	159.24	ug/l	100
46) Dibromomethane	9.307	93	151134	155.90	ug/l	93
47) Bromodichloromethane	9.496	83	374986	156.56	ug/l	99
48) Methyl methacrylate	9.295	41	248297	192.91	ug/l	91
49) 1,4-Dioxane	9.301	88	42465	3416.95	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	1358349	955.22	ug/l	96
52) Toluene	10.240	92	650713	151.48	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	407979	159.55	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	438724	152.71	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	206322	150.73	ug/l	95
56) Ethyl methacrylate	10.508	69	326587	173.88	ug/l	90
57) 1,3-Dichloropropane	10.788	76	368541	155.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	757804	819.30	ug/l	97
59) 2-Hexanone	10.831	43	960973	978.32	ug/l	94
60) Dibromochloromethane	10.983	129	266008	149.70	ug/l	100
61) 1,2-Dibromoethane	11.087	107	204435	151.54	ug/l	100
64) Tetrachloroethene	10.715	164	313269	142.47	ug/l	96
65) Chlorobenzene	11.514	112	683063	147.40	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	268771	149.70	ug/l	99
67) Ethyl Benzene	11.587	91	1310558	157.59	ug/l	99
68) m/p-Xylenes	11.697	106	975917	306.97	ug/l	96
69) o-Xylene	12.026	106	454788	153.10	ug/l	97
70) Styrene	12.044	104	795556	157.37	ug/l	98
71) Bromoform	12.203	173	179153	147.66	ug/l	98
73) Isopropylbenzene	12.325	105	1244715	160.86	ug/l	99
74) N-amyl acetate	12.142	43	470990	204.63	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	239741	169.53	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	190065m	170.11	ug/l	
77) Bromobenzene	12.605	156	302974	152.07	ug/l	89
78) n-propylbenzene	12.666	91	1485623	163.06	ug/l	98
79) 2-Chlorotoluene	12.751	91	828021	159.63	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	1056889	159.47	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	100822	174.43	ug/l #	87
82) 4-Chlorotoluene	12.849	91	870657	159.40	ug/l	97
83) tert-Butylbenzene	13.068	119	901197	157.90	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	1063444	160.55	ug/l	98
85) sec-Butylbenzene	13.251	105	1227285	158.62	ug/l	98
86) p-Isopropyltoluene	13.367	119	1172827	158.20	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	574474	150.72	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	554074	148.25	ug/l	98
89) n-Butylbenzene	13.690	91	1077425	159.34	ug/l	99
90) Hexachloroethane	13.952	117	210469	154.79	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	500348	148.71	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	50240	174.09	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	373865	151.20	ug/l	100
94) Hexachlorobutadiene	15.105	225	238193	143.13	ug/l	100
95) Naphthalene	15.233	128	762847	174.31	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	331131	153.82	ug/l	99

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ALS Vial : 9 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

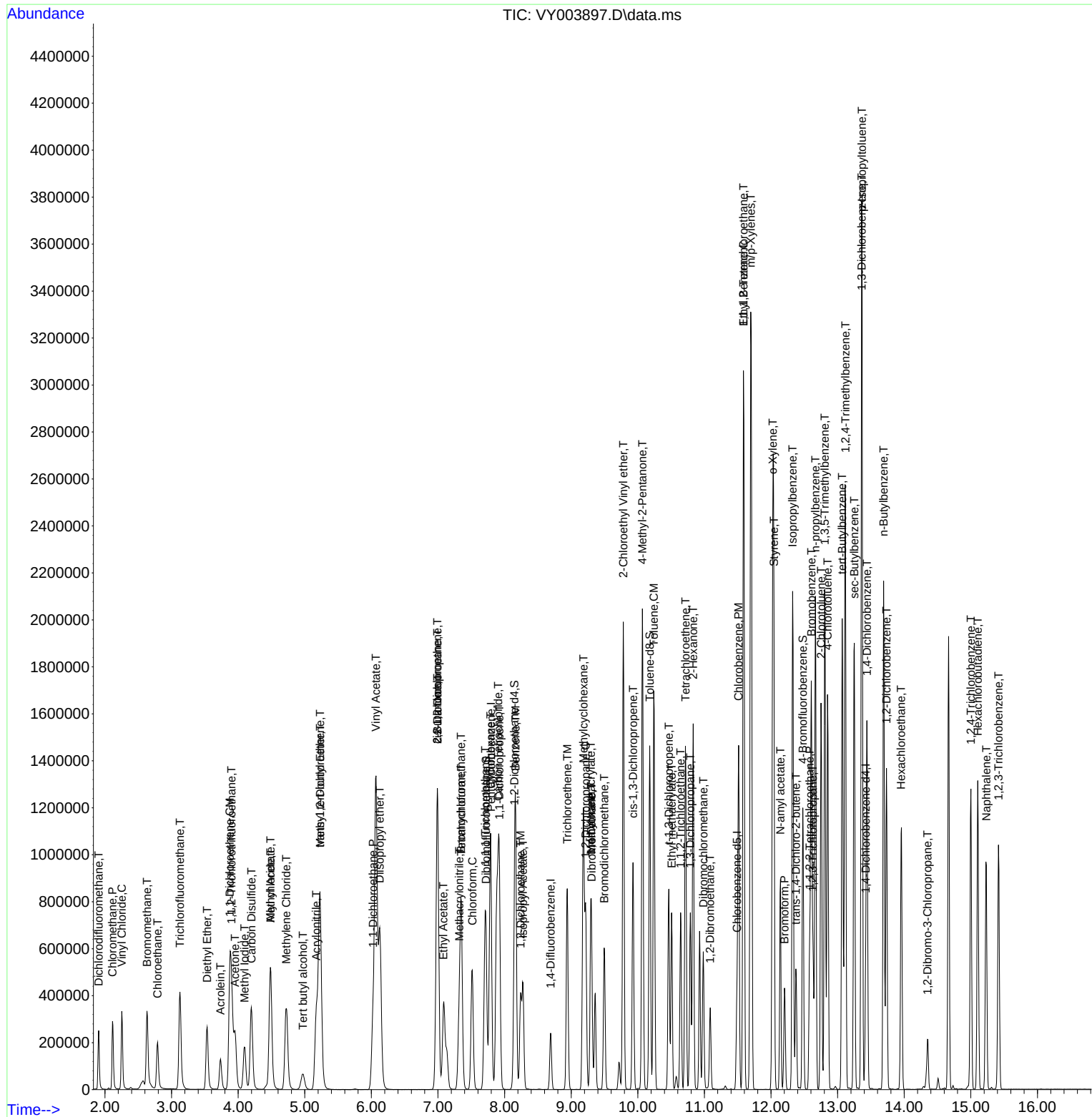
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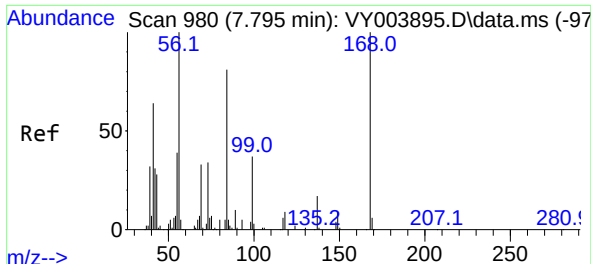
Instrument :
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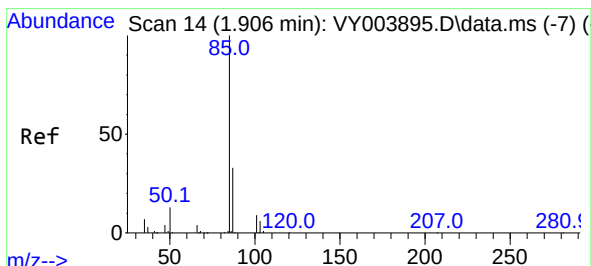
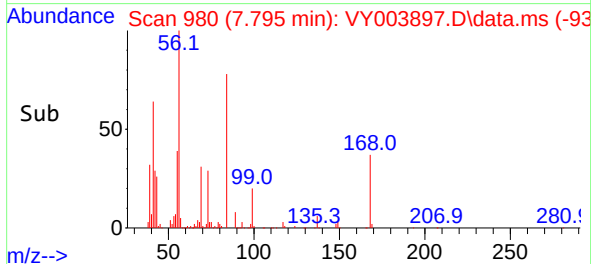
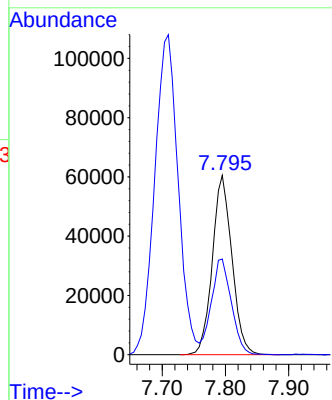
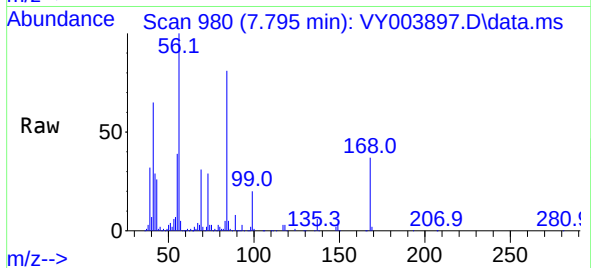
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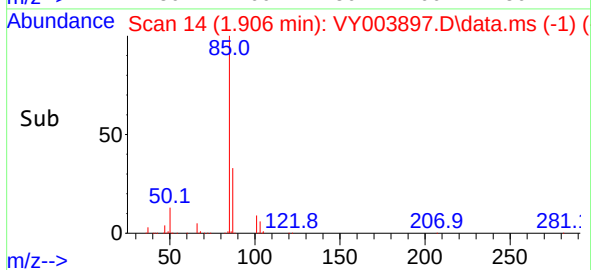
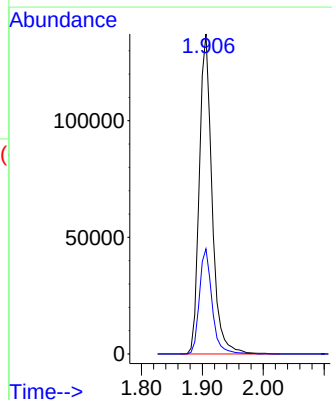
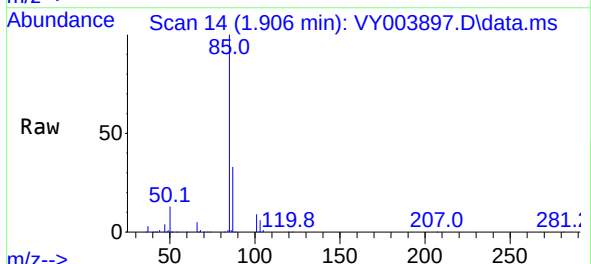
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 168 Resp: 129977
Ion Ratio Lower Upper
168 100
99 53.3 40.4 60.6



#2
Dichlorodifluoromethane
Concen: 132.82 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

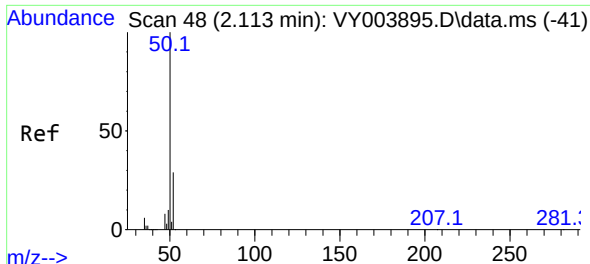
Tgt Ion: 85 Resp: 198705
Ion Ratio Lower Upper
85 100
87 32.9 15.9 47.7



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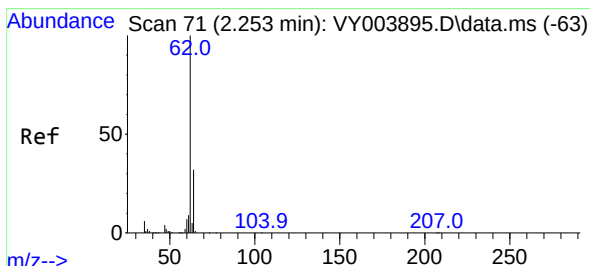
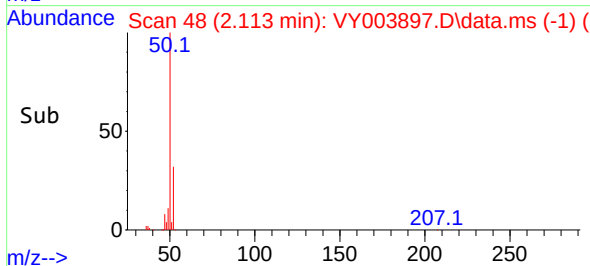
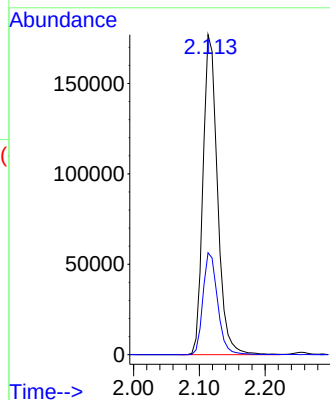
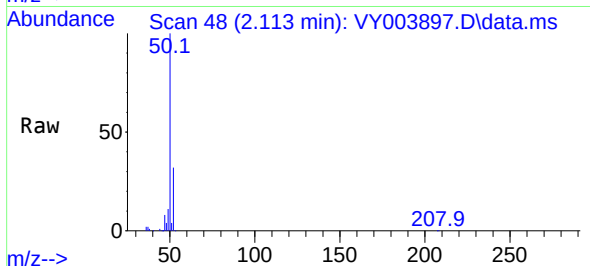
#3
Chloromethane
Concen: 147.02 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 50 Resp: 271599
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0

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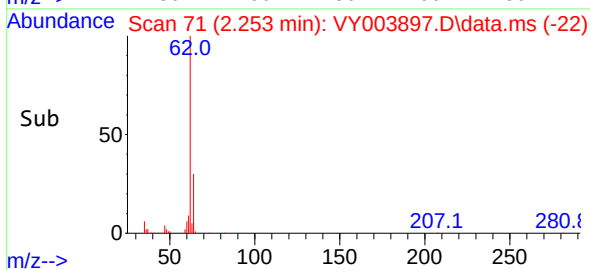
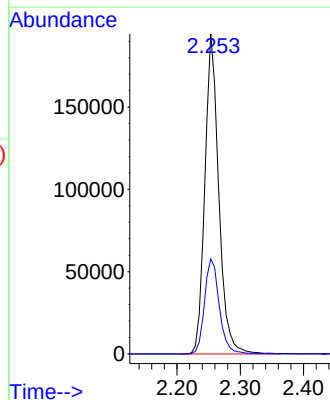
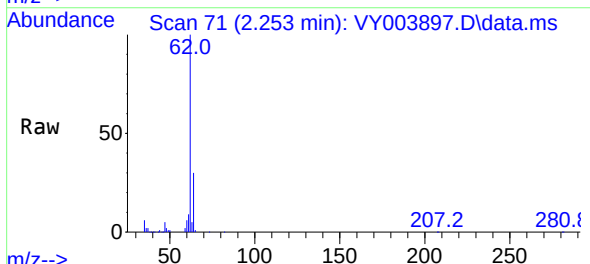
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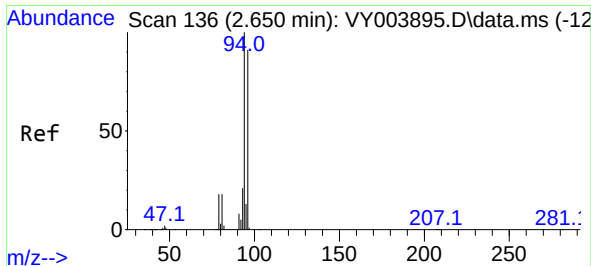
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#4
Vinyl Chloride
Concen: 150.18 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 62 Resp: 297873
Ion Ratio Lower Upper
62 100
64 29.7 25.4 38.0





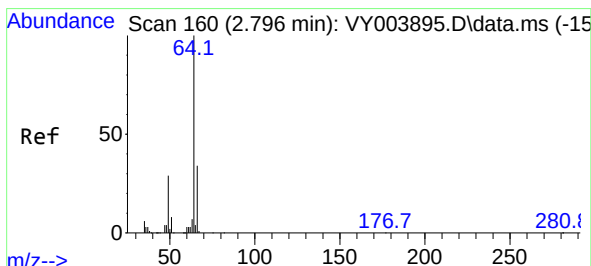
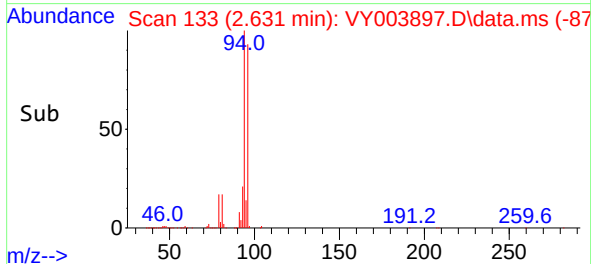
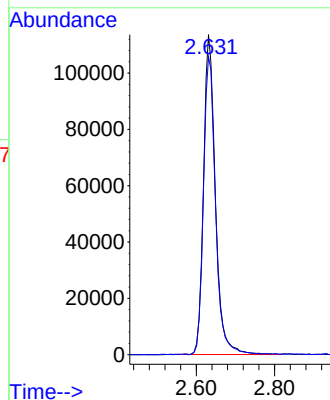
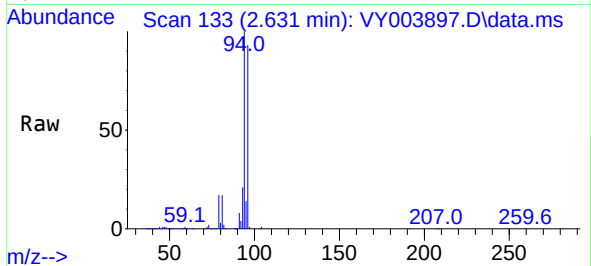
#5
Bromomethane
Concen: 158.05 ug/l
RT: 2.631 min Scan# 133
Delta R.T. -0.018 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 94 Resp: 237822
Ion Ratio Lower Upper
94 100
96 93.0 76.2 114.4

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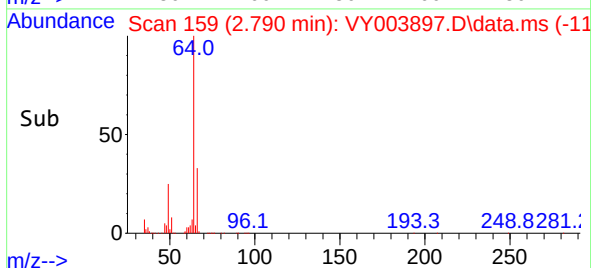
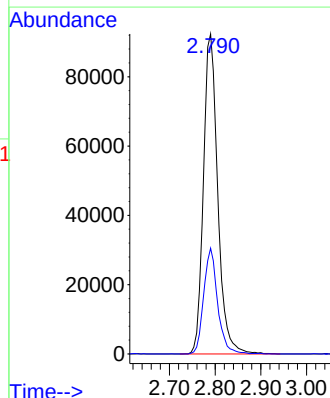
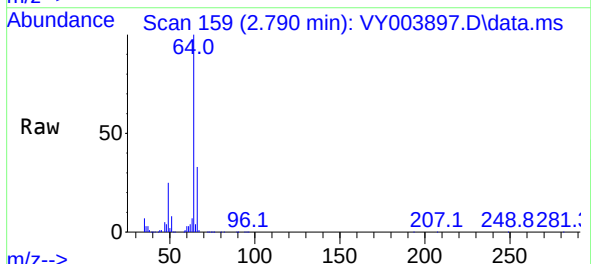
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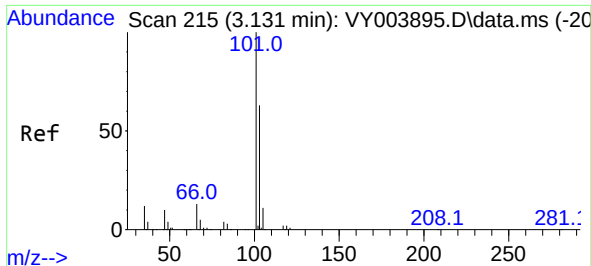
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#6
Chloroethane
Concen: 162.54 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 64 Resp: 200271
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.8





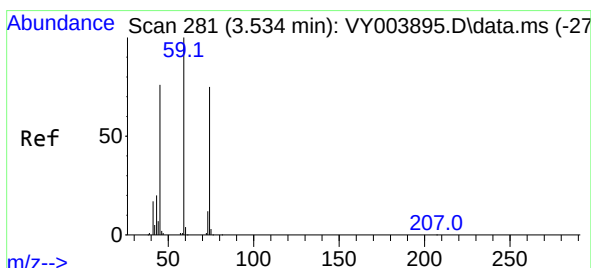
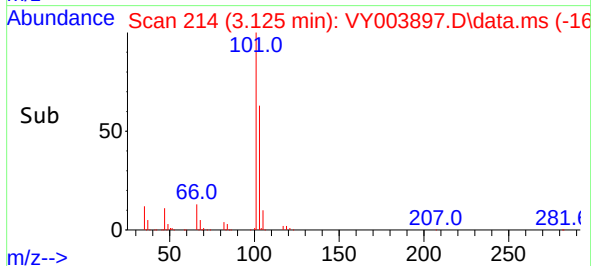
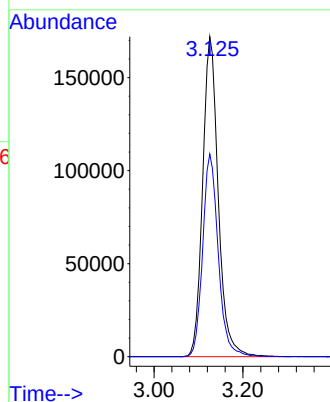
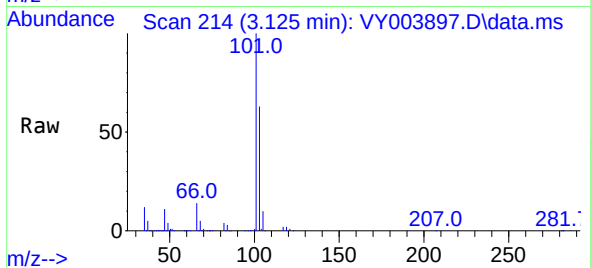
#7
Trichlorofluoromethane
Concen: 153.11 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:101 Resp: 421010
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4

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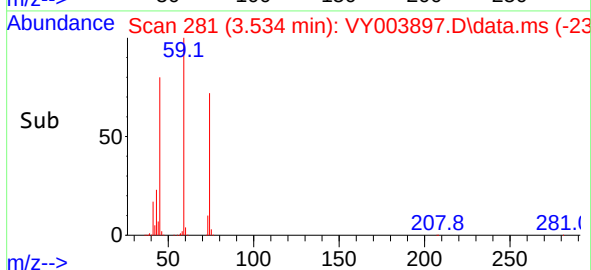
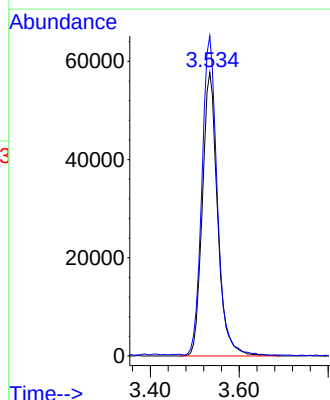
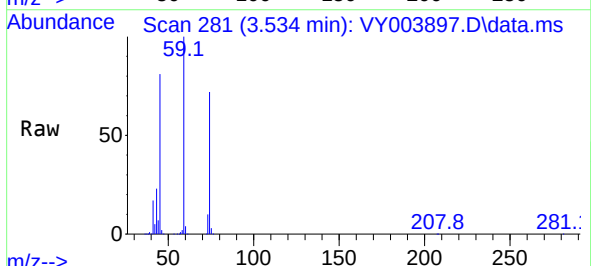
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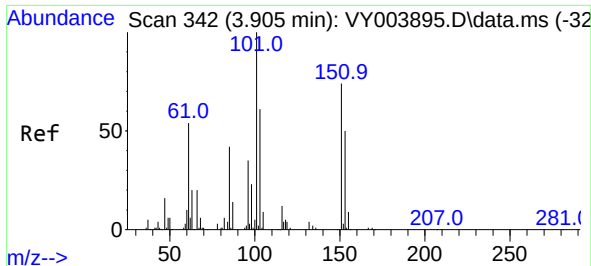
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#8
Diethyl Ether
Concen: 159.78 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 74 Resp: 137899
Ion Ratio Lower Upper
74 100
45 112.8 51.9 155.8





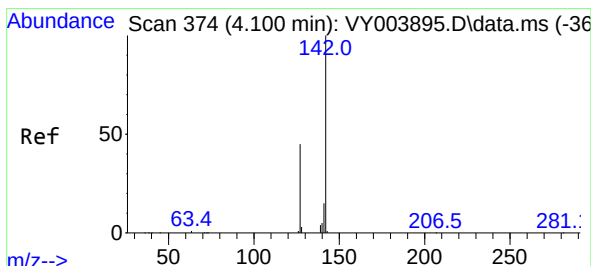
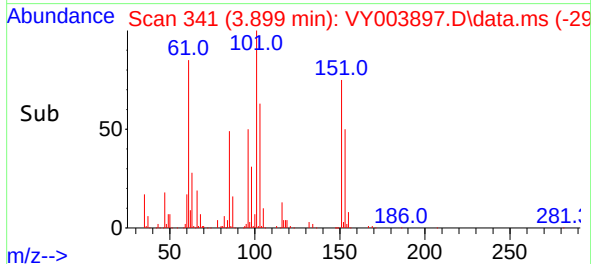
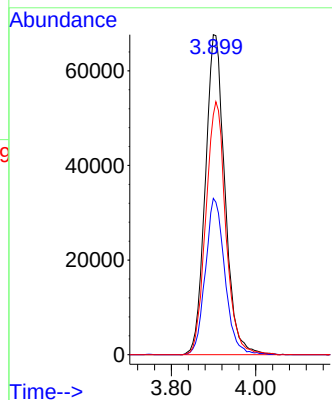
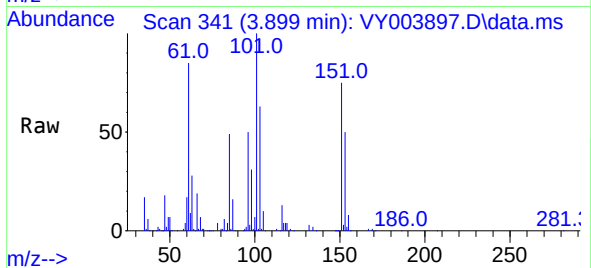
#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.28 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:101 Resp: 218710
Ion Ratio Lower Upper
101 100
85 48.5 34.8 52.2
151 80.3 68.1 102.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

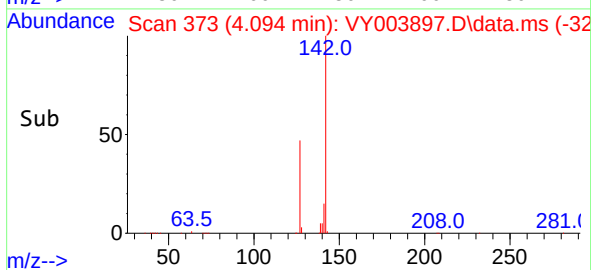
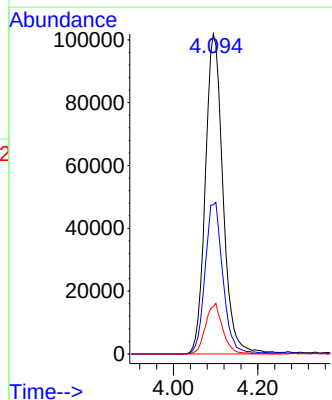
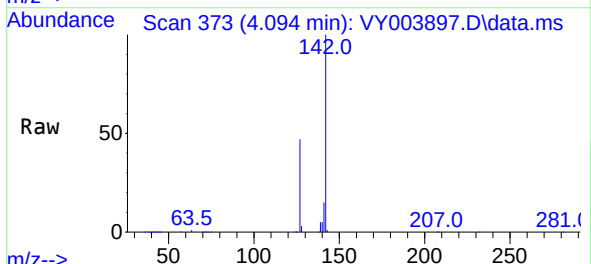
Manual Integrations
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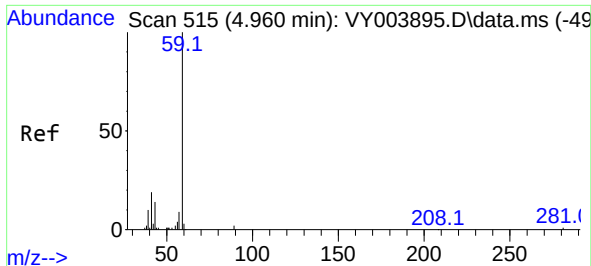
MMDadoda
1/13/2021 4:36:50 PM



#10
Methyl Iodide
Concen: 164.86 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:142 Resp: 296948
Ion Ratio Lower Upper
142 100
127 47.8 36.8 55.2
141 15.3 11.9 17.9





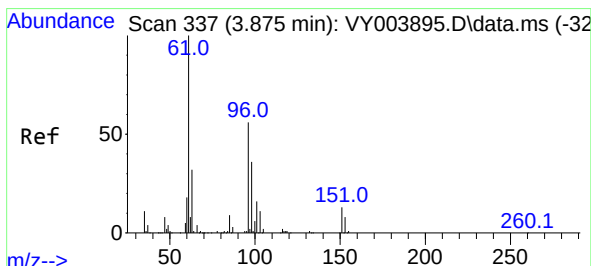
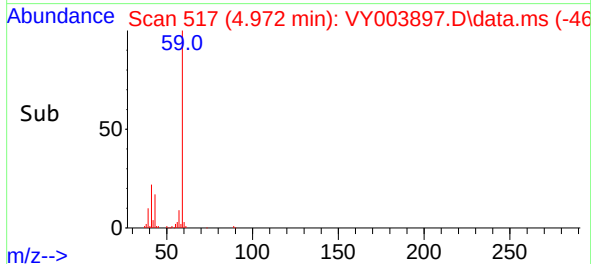
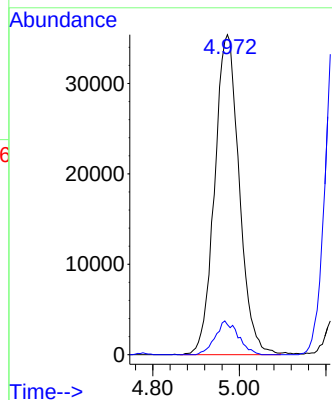
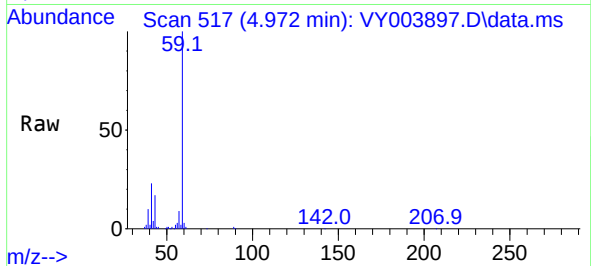
#11
Tert butyl alcohol
Concen: 834.44 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 59 Resp: 139866
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

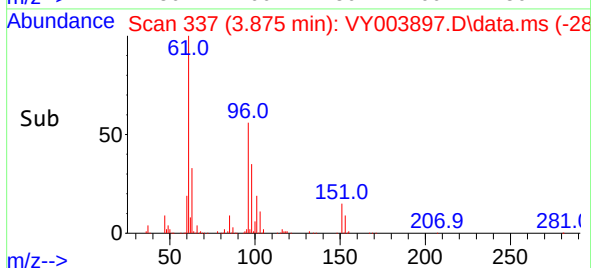
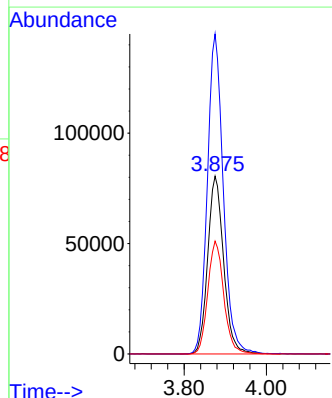
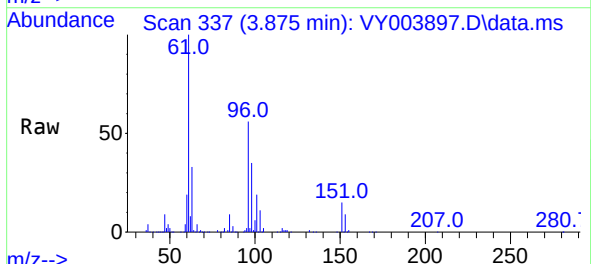
Manual Integrations
APPROVED

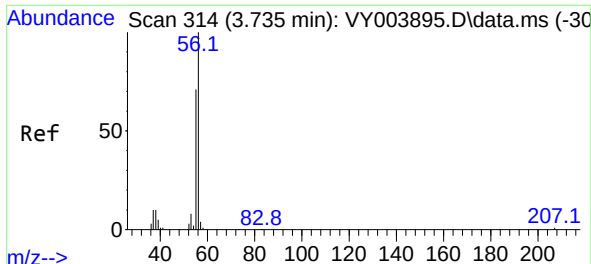
MMDadoda
1/13/2021 4:36:50 PM



#12
1,1-Dichloroethene
Concen: 151.52 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

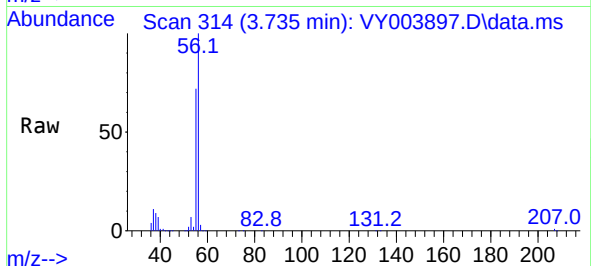
Tgt Ion: 96 Resp: 217130
Ion Ratio Lower Upper
96 100
61 180.0 128.6 192.8
98 63.4 50.2 75.2





#13
Acrolein
Concen: 860.16 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

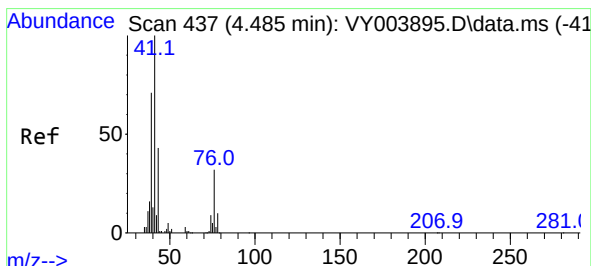
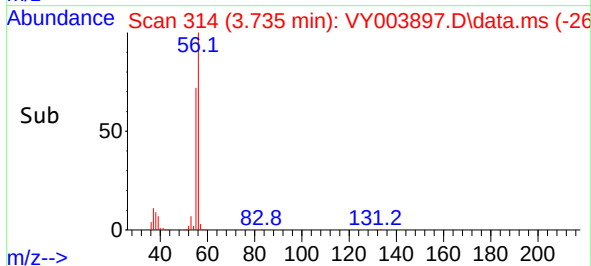
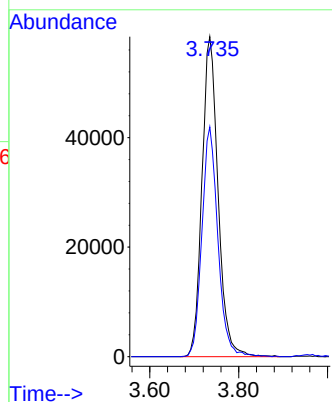
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



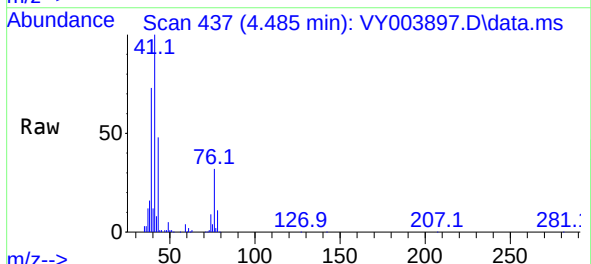
Tgt Ion: 56 Resp: 147437
Ion Ratio Lower Upper
56 100
55 71.4 56.5 84.7

Manual Integrations
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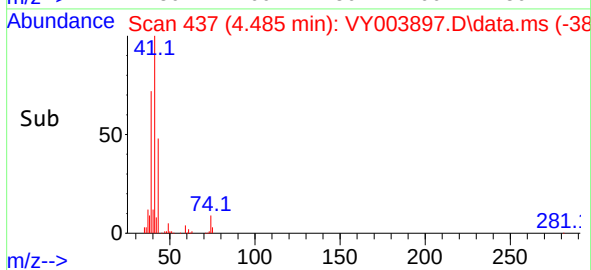
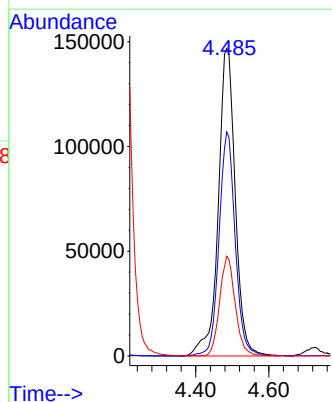
MMDadoda
1/13/2021 4:36:50 PM

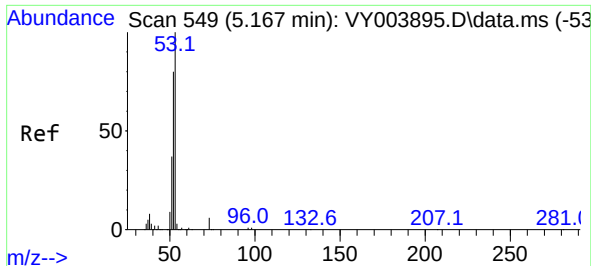


#14
Allyl chloride
Concen: 180.35 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



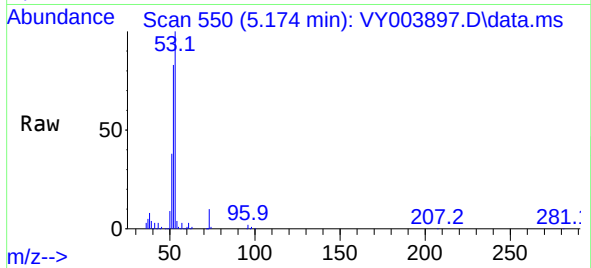
Tgt Ion: 41 Resp: 476047
Ion Ratio Lower Upper
41 100
39 69.1 52.9 79.3
76 29.4 26.8 40.2





#15
Acrylonitrile
Concen: 913.75 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

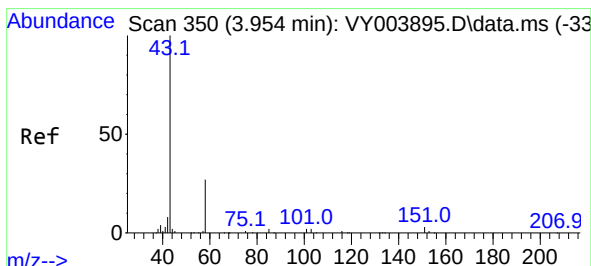
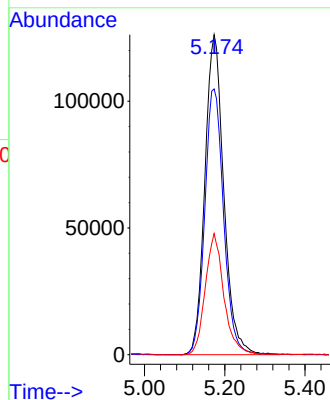
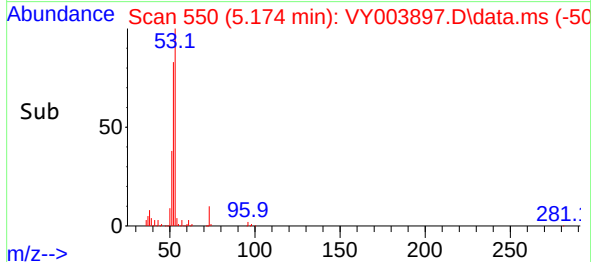
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



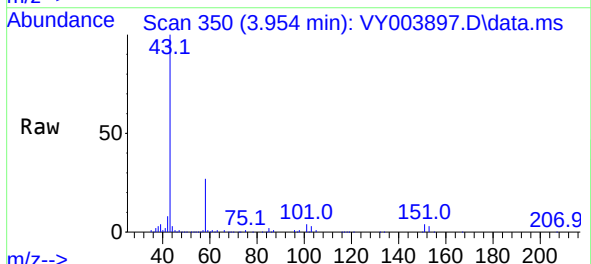
Tgt Ion: 53 Resp: 412732
Ion Ratio Lower Upper
53 100
52 82.8 65.4 98.2
51 37.5 29.0 43.6

Manual Integrations
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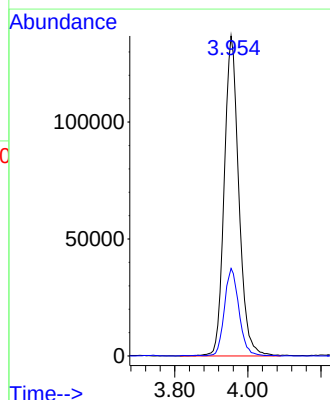
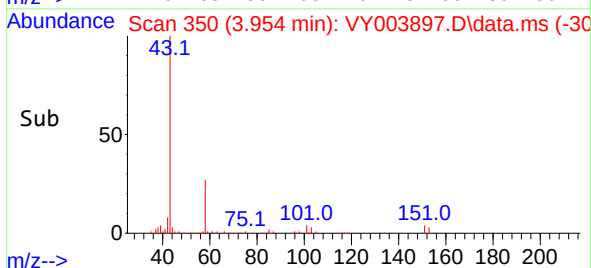
MMDadoda
1/13/2021 4:36:50 PM

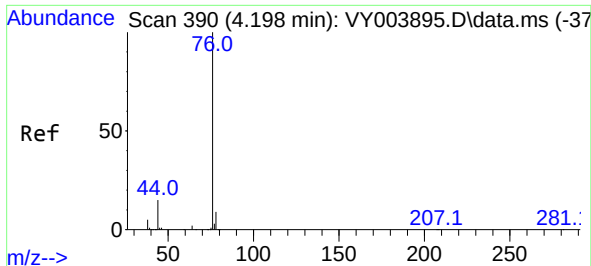


#16
Acetone
Concen: 980.87 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



Tgt Ion: 43 Resp: 380164
Ion Ratio Lower Upper
43 100
58 27.3 24.5 36.7





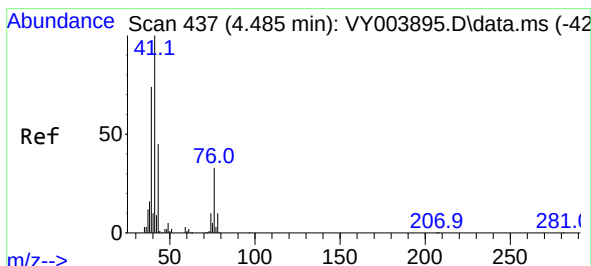
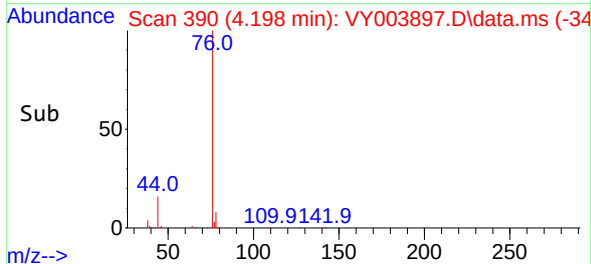
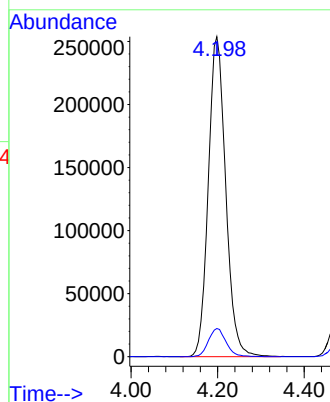
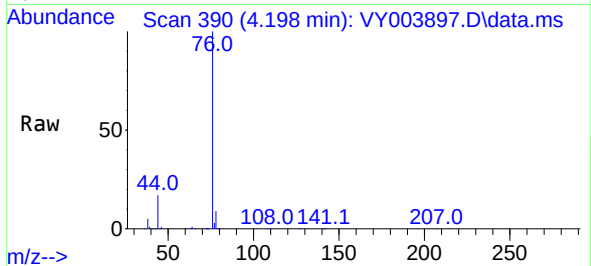
#17
Carbon Disulfide
Concen: 152.79 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 76 Resp: 707896
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

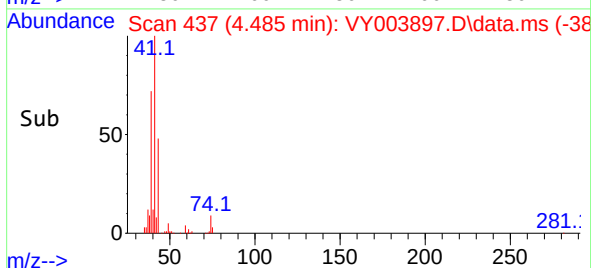
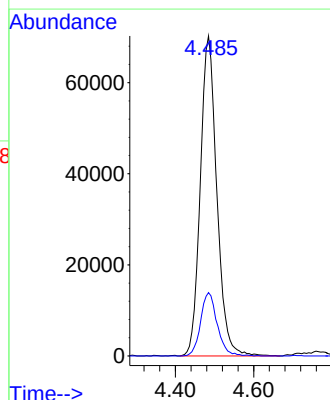
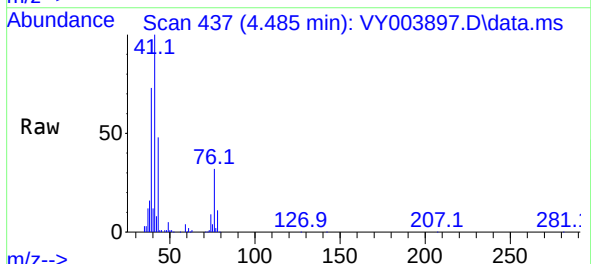
Manual Integrations
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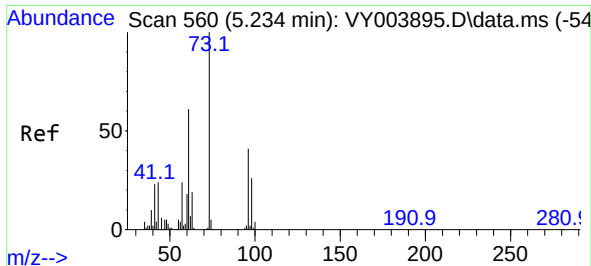
MMDadoda
1/13/2021 4:36:50 PM



#18
Methyl Acetate
Concen: 197.12 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 43 Resp: 205887
Ion Ratio Lower Upper
43 100
74 19.8 17.8 26.6





#19

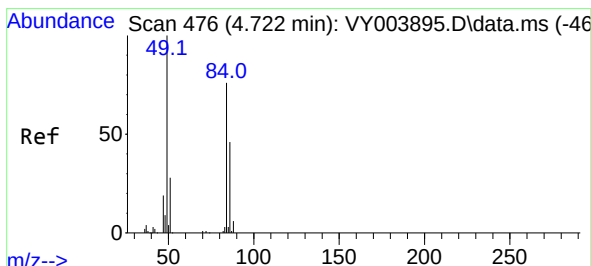
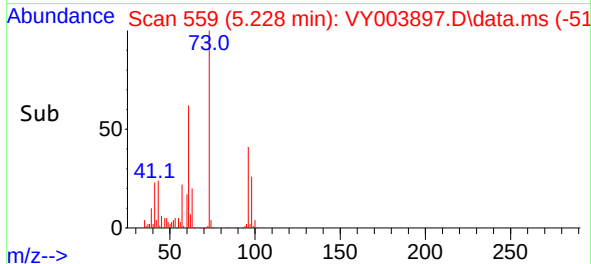
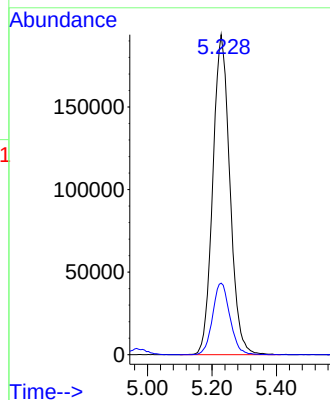
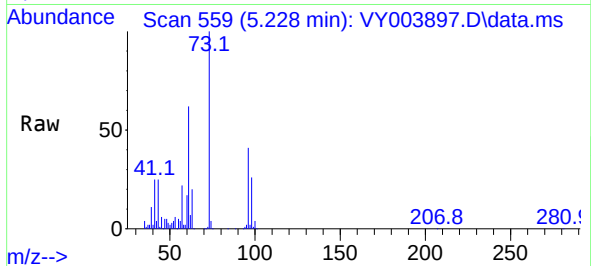
Methyl tert-butyl Ether
Concen: 169.53 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 73 Resp: 711784
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

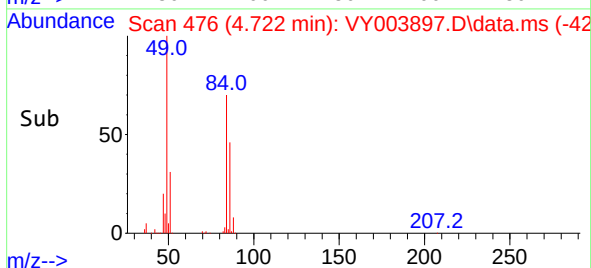
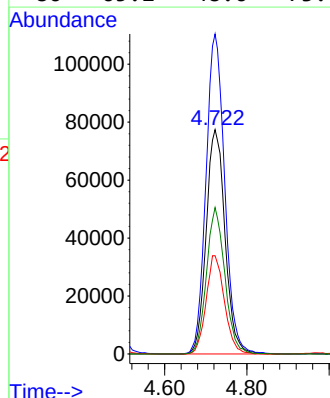
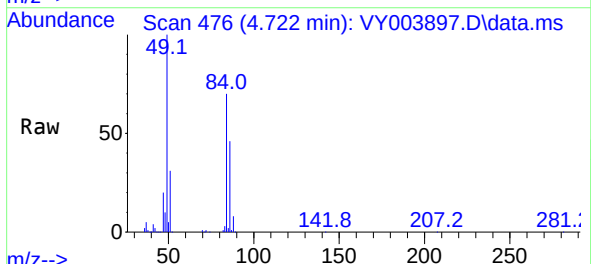
MMDadoda
1/13/2021 4:36:50 PM

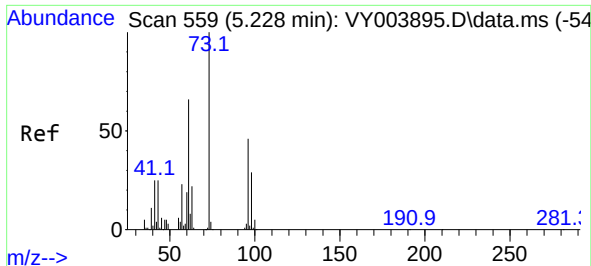


#20

Methylene Chloride
Concen: 140.22 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

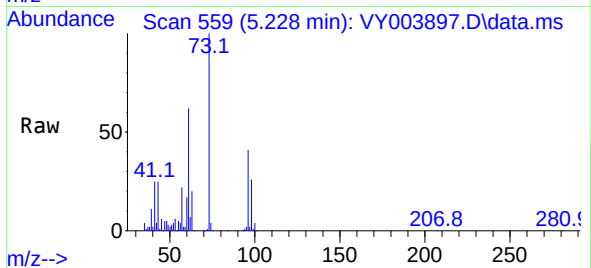
Tgt Ion: 84 Resp: 246424
Ion Ratio Lower Upper
84 100
49 142.6 98.0 147.0
51 43.8 30.5 45.7
86 65.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 152.51 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

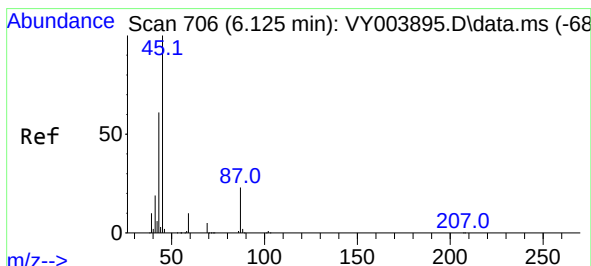
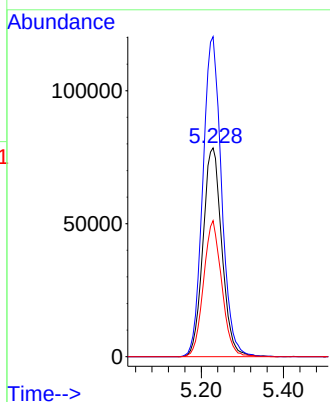
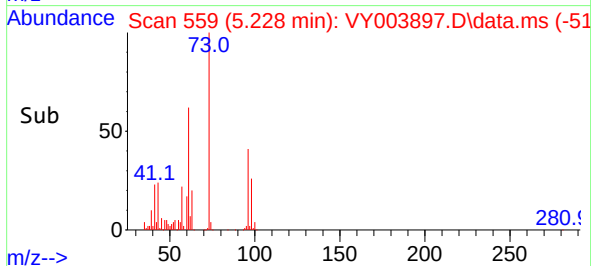
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



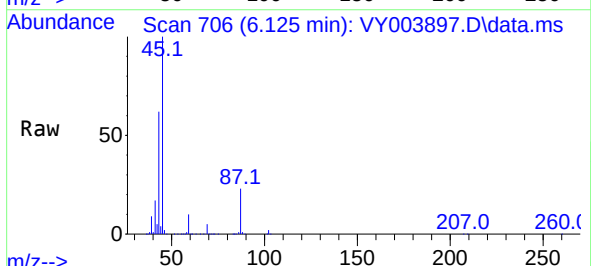
Tgt Ion: 96 Resp: 249973
Ion Ratio Lower Upper
96 100
61 153.2 110.4 165.6
98 65.1 47.4 71.2

Manual Integrations
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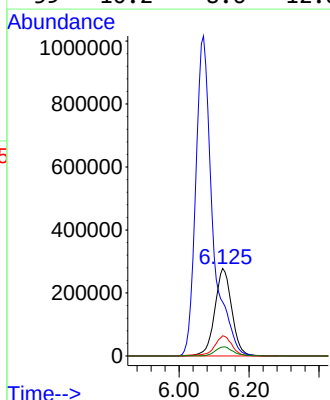
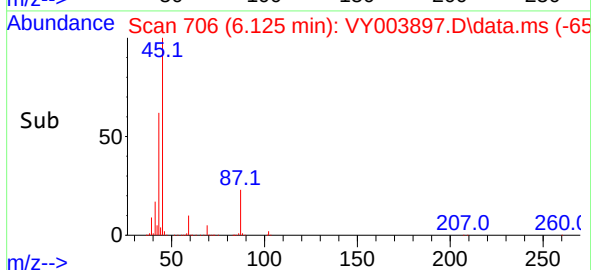
MMDadoda
1/13/2021 4:36:50 PM

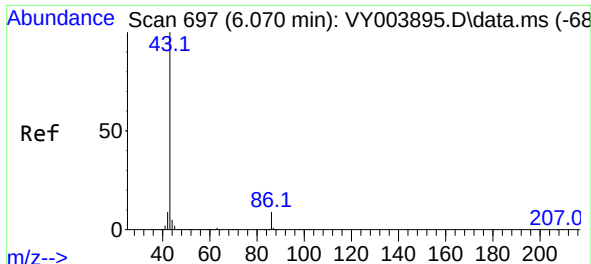


#22
Diisopropyl ether
Concen: 177.58 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



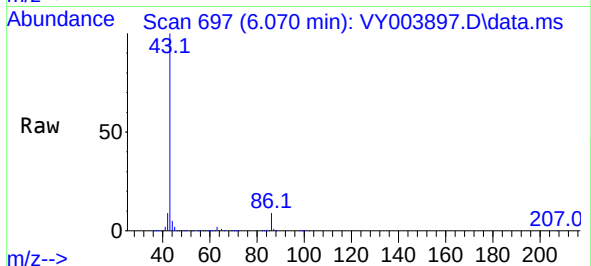
Tgt Ion: 45 Resp: 935041
Ion Ratio Lower Upper
45 100
43 61.4 46.2 69.4
87 23.0 21.7 32.5
59 10.2 8.6 12.8





#23
 Vinyl Acetate
 Concen: 955.30 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY003897.D
 Acq: 12 Jan 2021 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

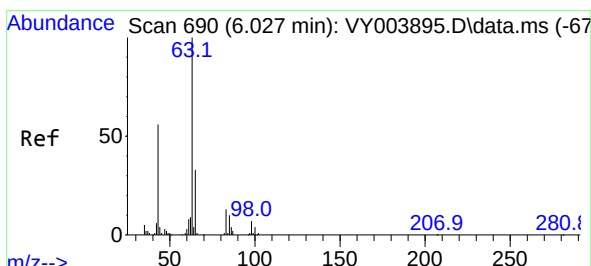
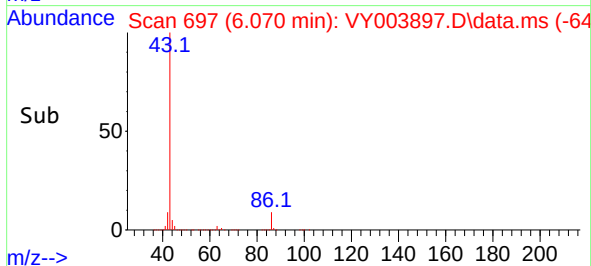
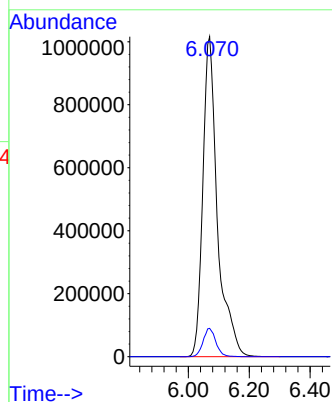


Tgt Ion: 43 Resp: 3383154

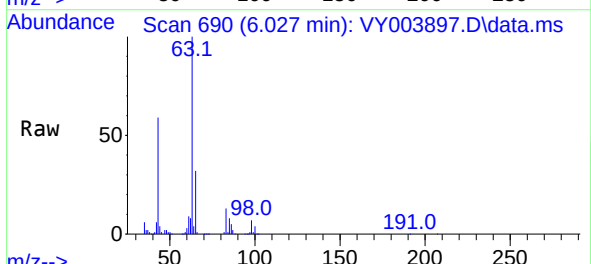
Ion	Ratio	Lower	Upper
43	100		
86	8.9	8.1	12.1

Manual Integrations
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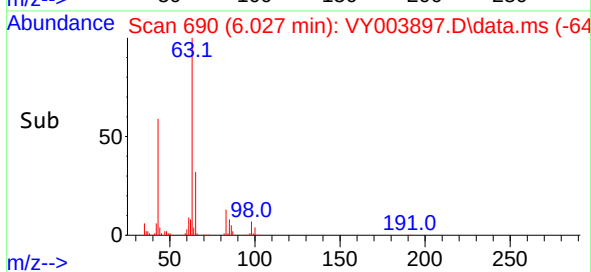
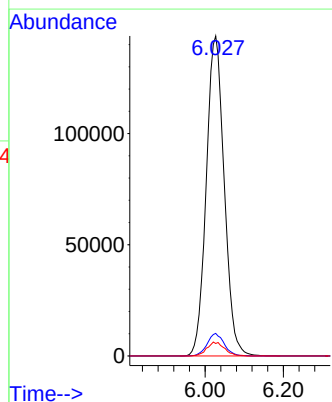


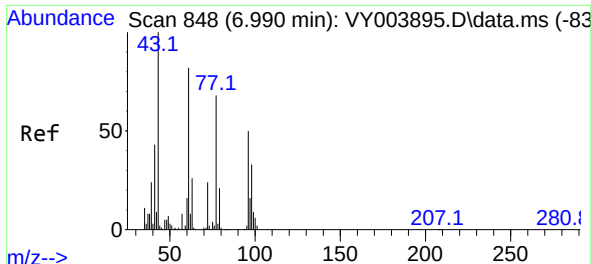
#24
 1,1-Dichloroethane
 Concen: 162.26 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY003897.D
 Acq: 12 Jan 2021 11:31



Tgt Ion: 63 Resp: 456715

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.9
100	3.9	2.1	6.3





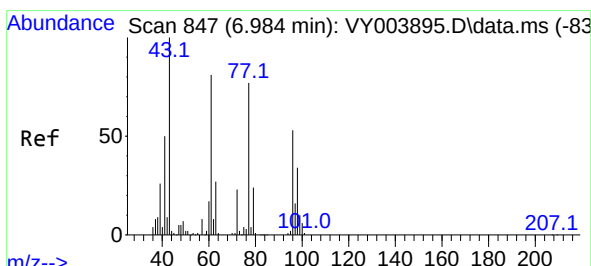
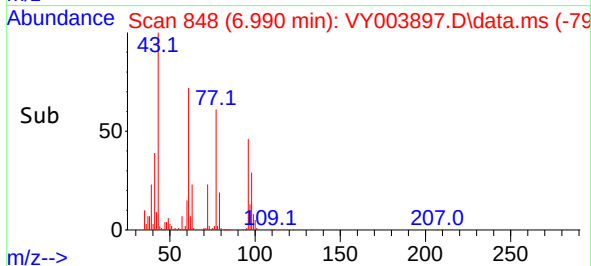
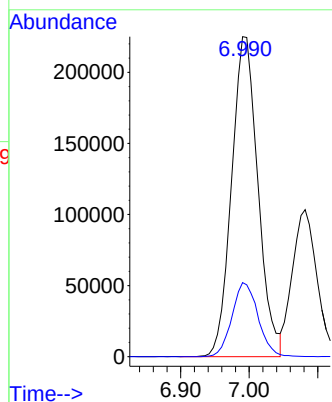
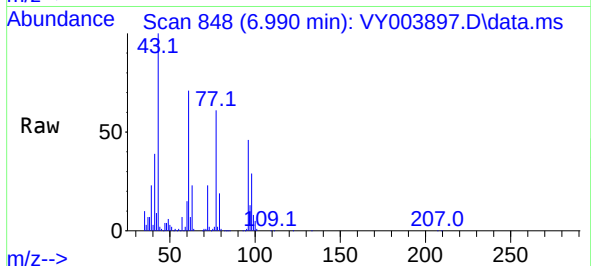
#25
2-Butanone
Concen: 1002.56 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 43 Resp: 602818
Ion Ratio Lower Upper
43 100
72 23.1 21.0 31.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

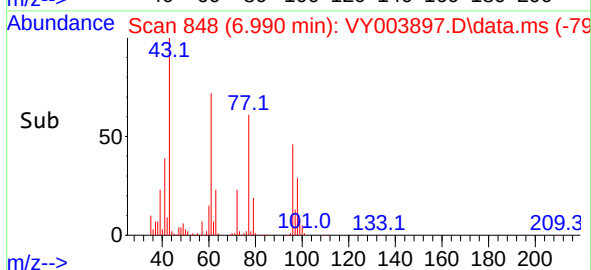
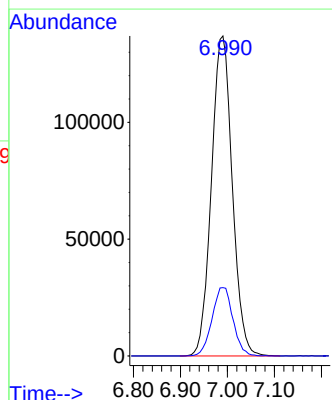
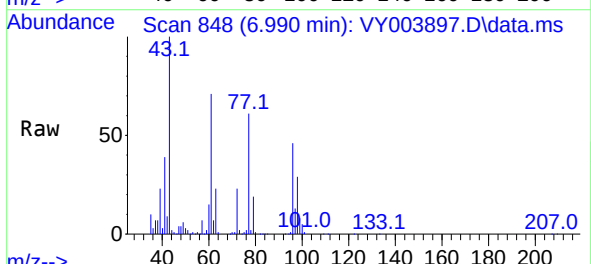
Manual Integrations
APPROVED

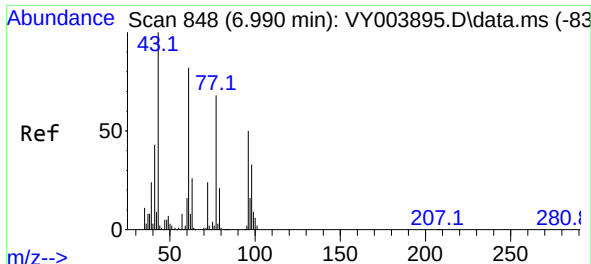
MMDadoda
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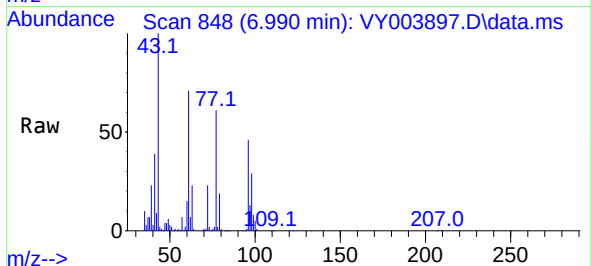
#26
2,2-Dichloropropane
Concen: 159.16 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 77 Resp: 422049
Ion Ratio Lower Upper
77 100
97 21.4 11.1 33.1

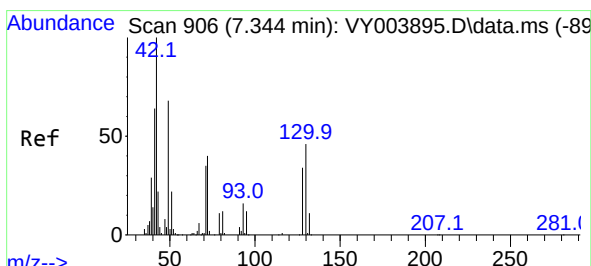
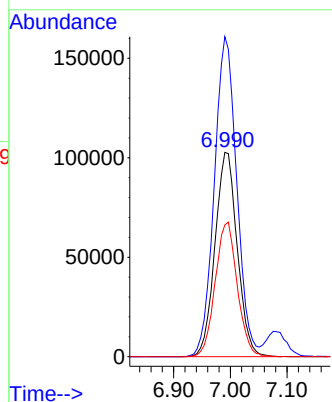
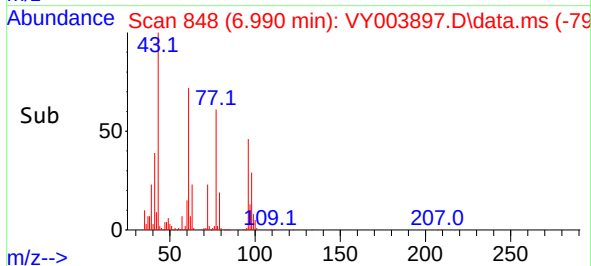




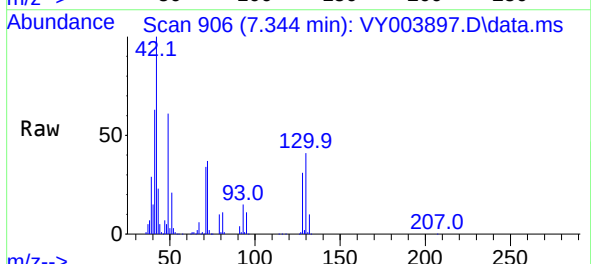
#27
cis-1,2-Dichloroethene
Concen: 156.70 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



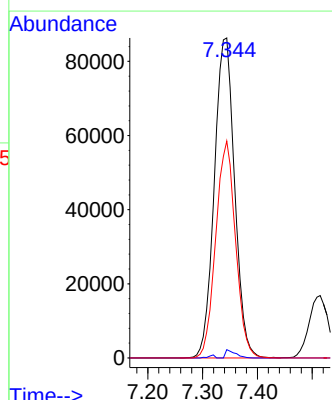
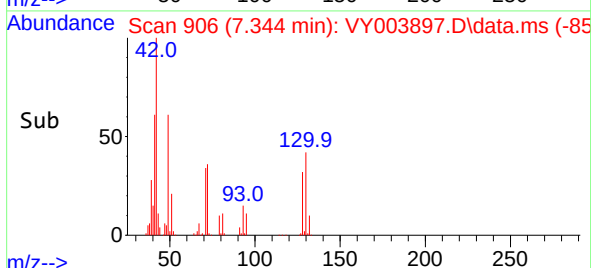
Tgt Ion: 96 Resp: 280157
Ion Ratio Lower Upper
96 100
61 157.9 0.0 297.8
98 65.3 0.0 130.4



#28
Bromochloromethane
Concen: 181.56 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



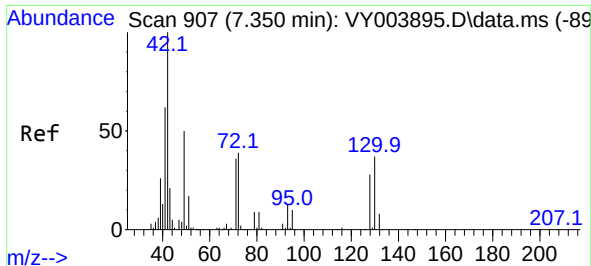
Tgt Ion: 49 Resp: 222204
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.2
130 66.1 65.7 98.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

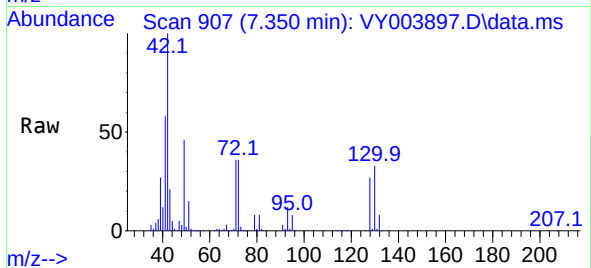
Manual Integrations
APPROVED

MMDadoda
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#29
Tetrahydrofuran
Concen: 974.51 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

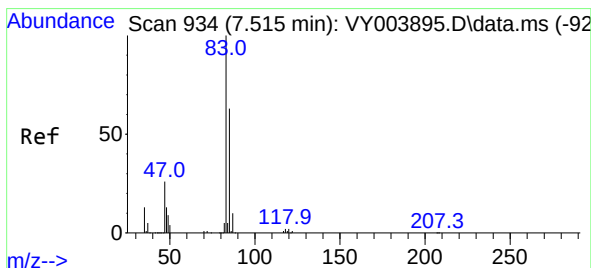
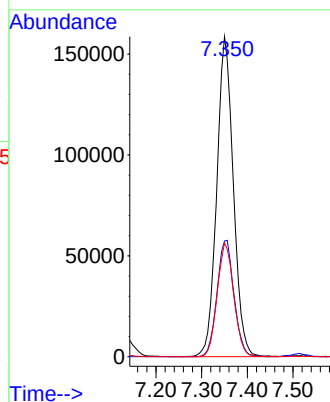
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



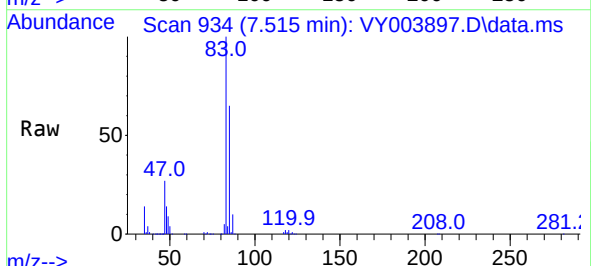
Tgt Ion: 42 Resp: 400627
Ion Ratio Lower Upper
42 100
72 37.2 32.3 48.5
71 35.2 31.0 46.6

Manual Integrations
APPROVED

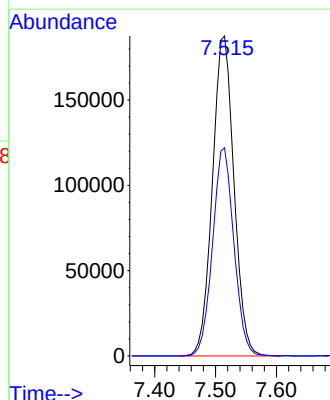
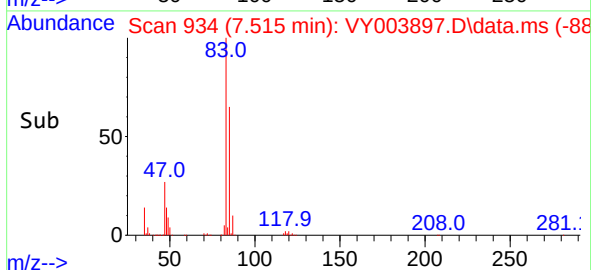
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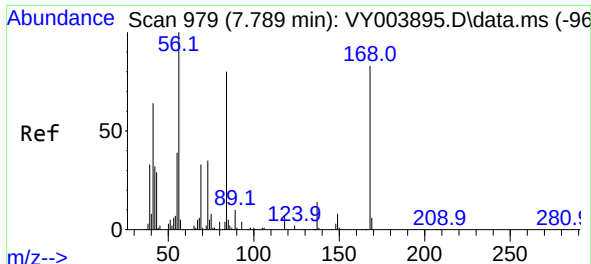


#30
Chloroform
Concen: 157.89 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



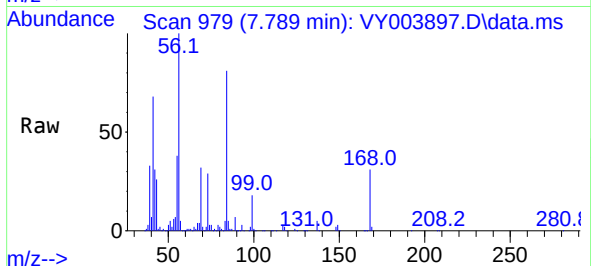
Tgt Ion: 83 Resp: 461031
Ion Ratio Lower Upper
83 100
85 65.1 50.4 75.6





#31
Cyclohexane
Concen: 161.68 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

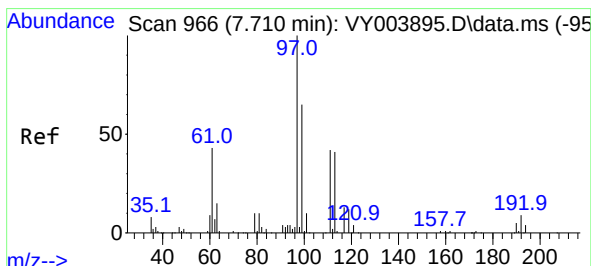
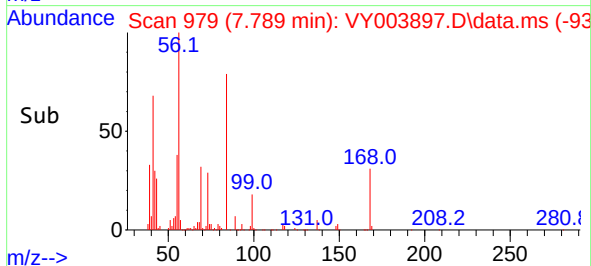
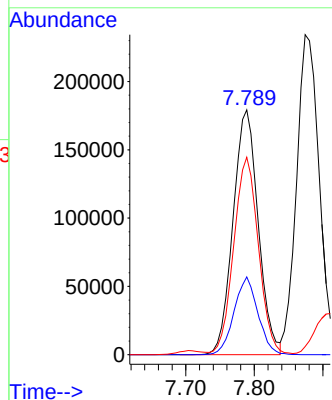
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150



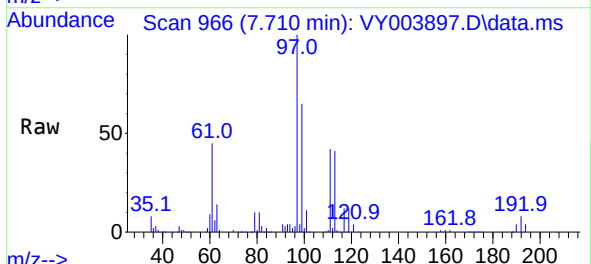
Tgt Ion: 56 Resp: 458076
Ion Ratio Lower Upper
56 100
69 31.8 26.2 39.2
84 79.5 68.2 102.2

Manual Integrations
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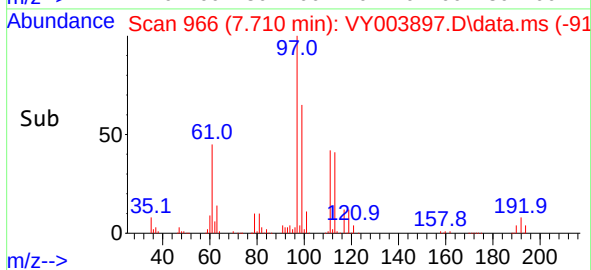
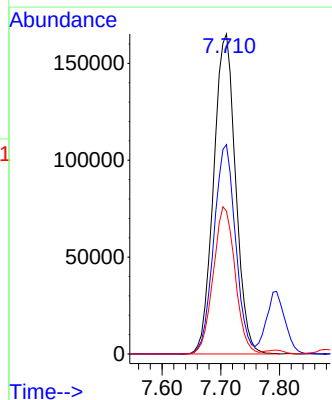
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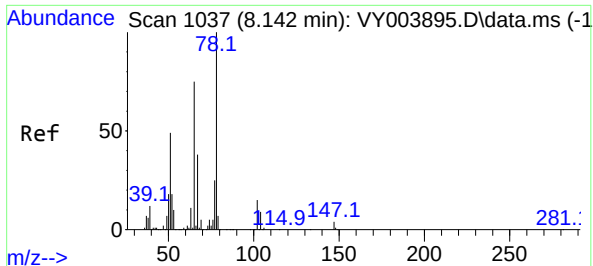


#32
1,1,1-Trichloroethane
Concen: 158.22 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



Tgt Ion: 97 Resp: 428927
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 45.7 33.4 50.0





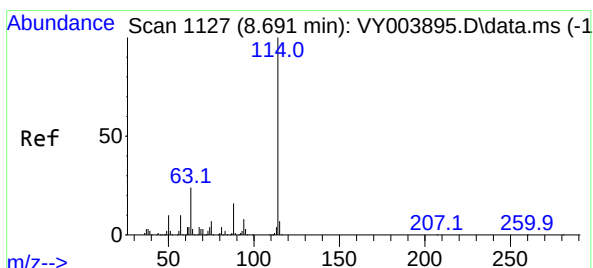
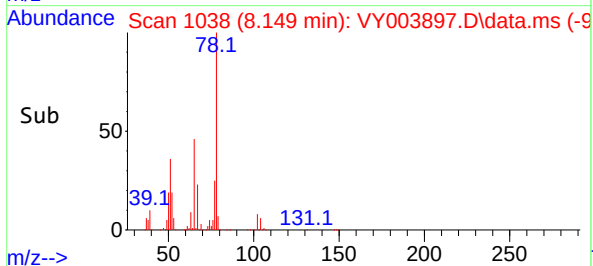
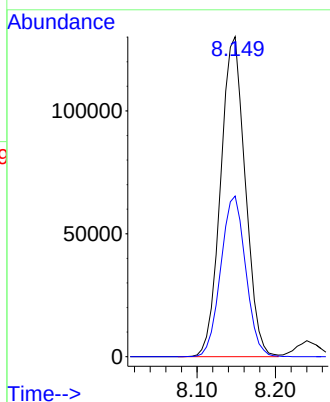
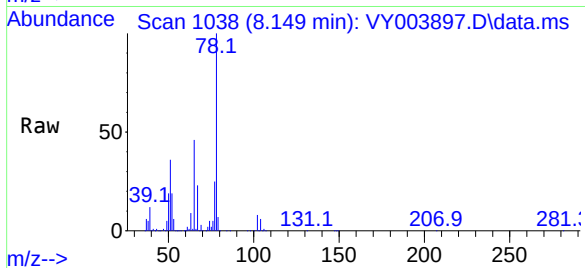
#33
1,2-Dichloroethane-d4
Concen: 168.12 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 65 Resp: 284438
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

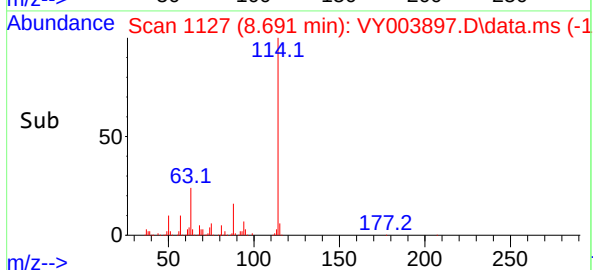
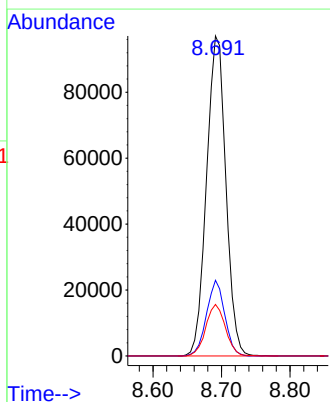
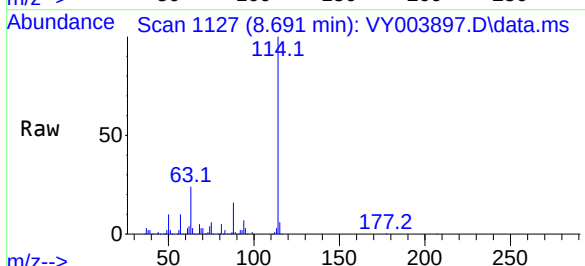
Manual Integrations
APPROVED

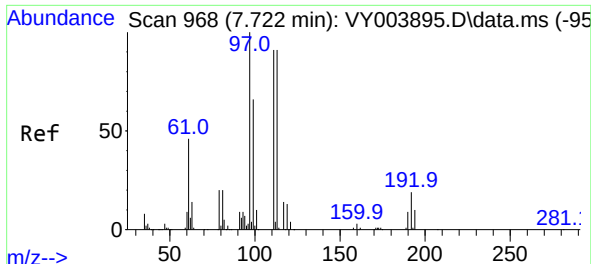
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:114 Resp: 189951
Ion Ratio Lower Upper
114 100
63 23.6 0.0 38.8
88 16.1 0.0 31.4





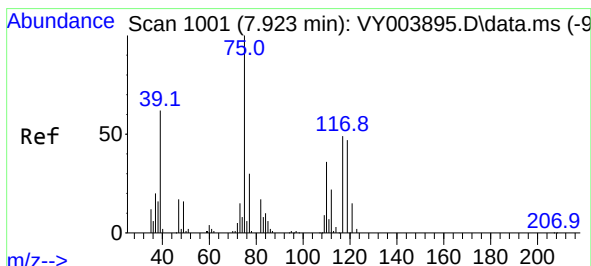
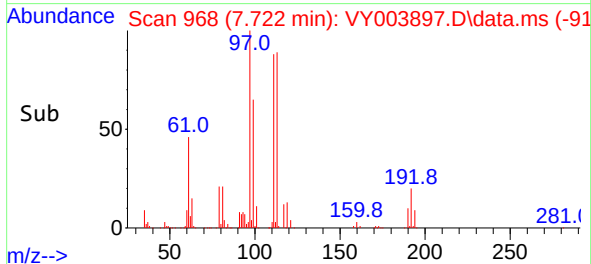
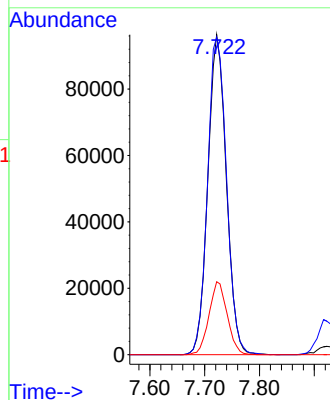
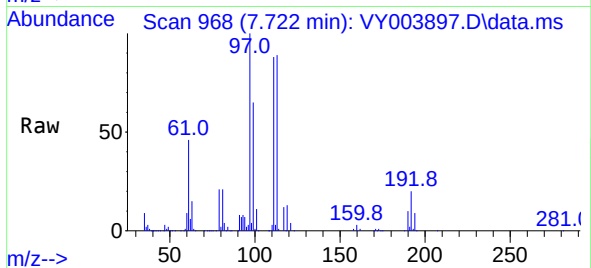
#35
Dibromofluoromethane
Concen: 147.77 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 113 Resp: 225357
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 22.5 19.8 29.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

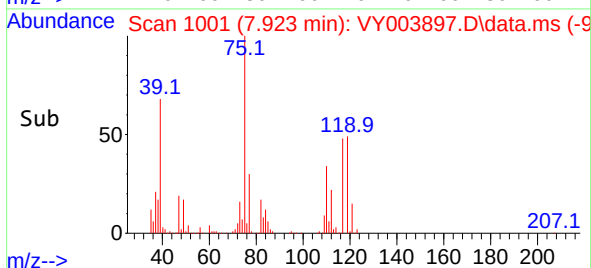
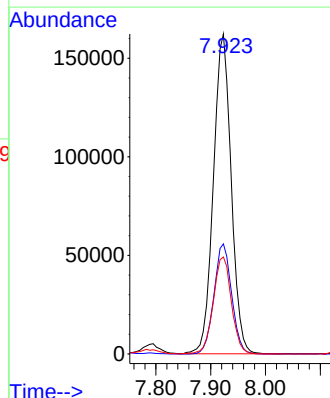
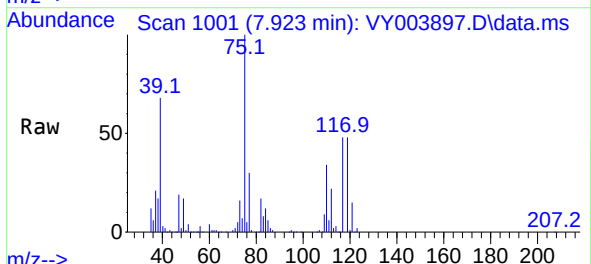
Manual Integrations
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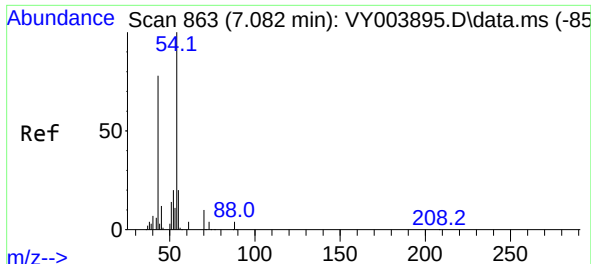
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#36
1,1-Dichloropropene
Concen: 151.17 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 75 Resp: 365417
Ion Ratio Lower Upper
75 100
110 34.1 17.7 53.1
77 30.9 24.8 37.2





#37
Ethyl Acetate
Concen: 183.23 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

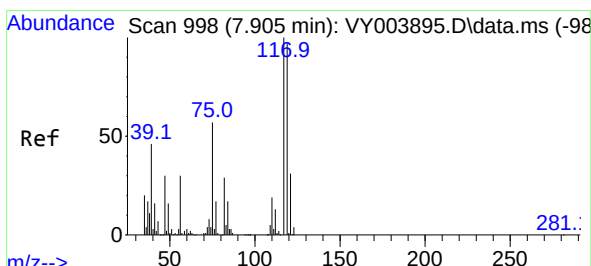
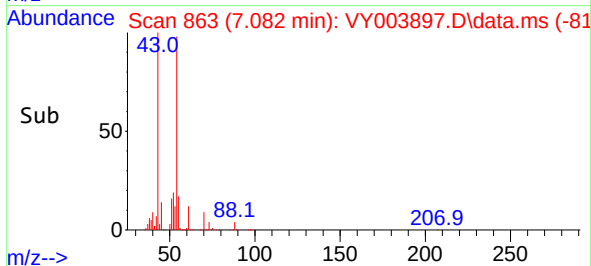
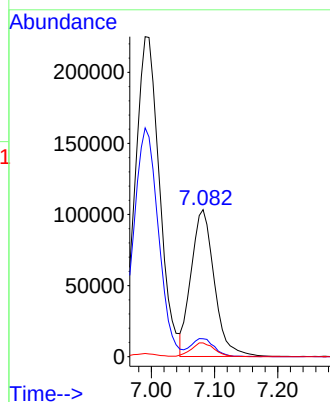
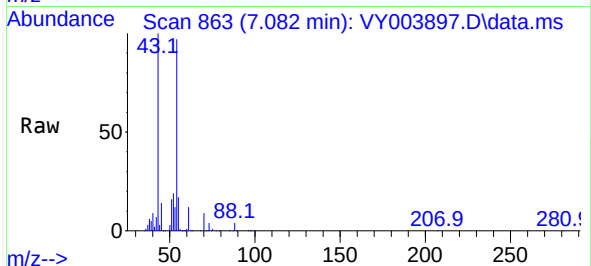
Tgt Ion: 43 Resp: 263652

Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.6	16.0
70	9.5	8.4	12.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

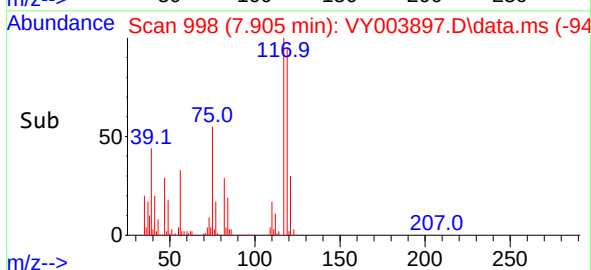
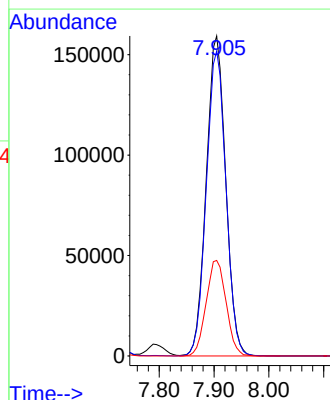
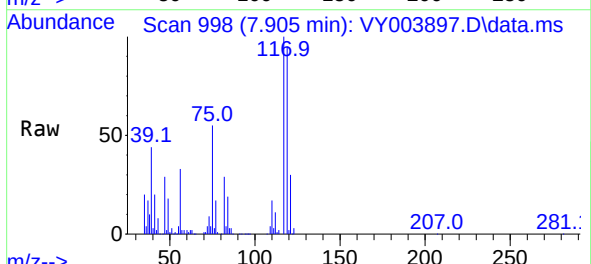
MMDadoda
1/13/2021 4:36:50 PM

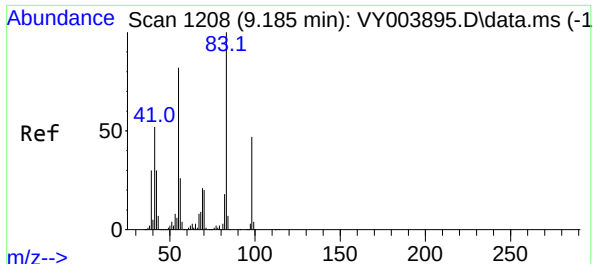


#38
Carbon Tetrachloride
Concen: 148.70 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 117 Resp: 391666

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.6	118.0
121	29.8	25.8	38.6





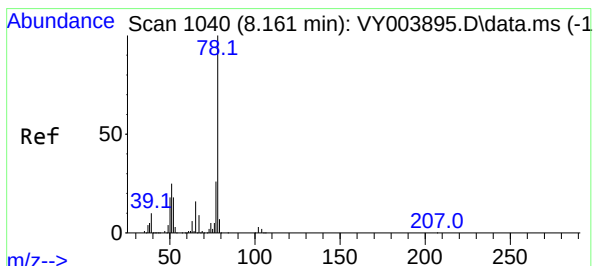
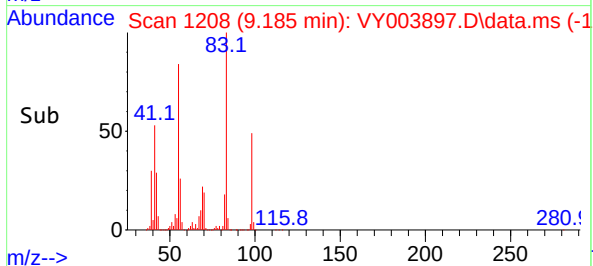
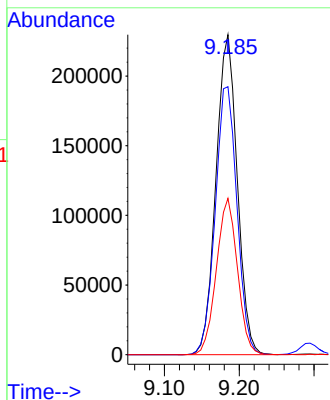
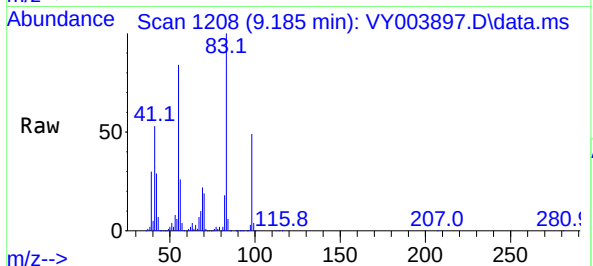
#39
Methylcyclohexane
Concen: 153.43 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 83 Resp: 455952
Ion Ratio Lower Upper
83 100
55 83.8 63.9 95.9
98 48.9 40.2 60.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

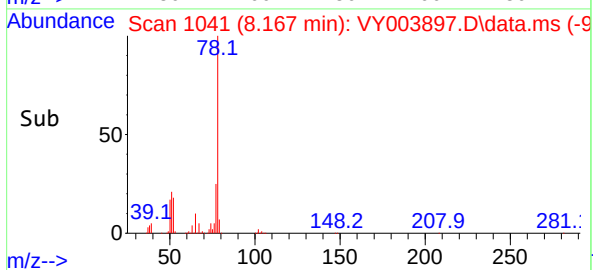
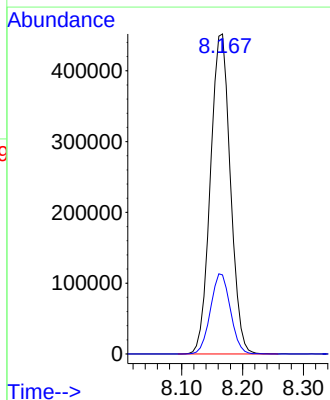
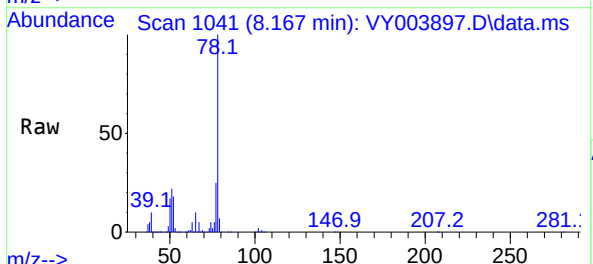
Manual Integrations
APPROVED

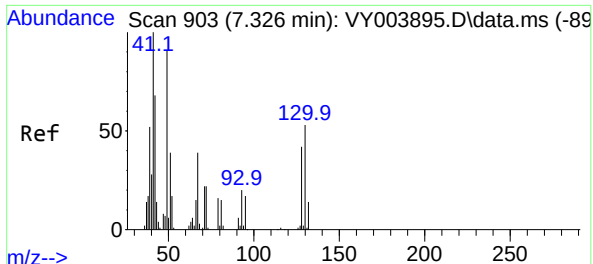
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#40
Benzene
Concen: 154.34 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 78 Resp: 1027593
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0





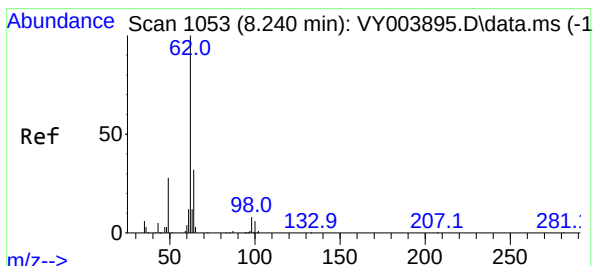
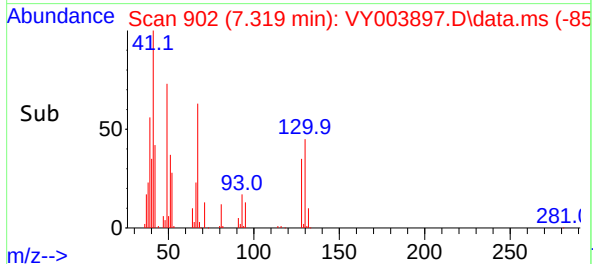
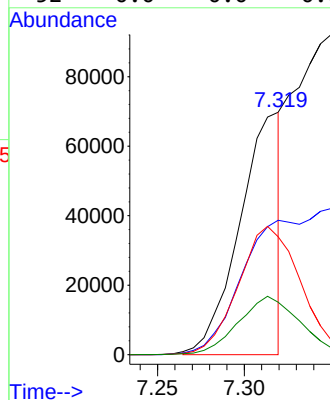
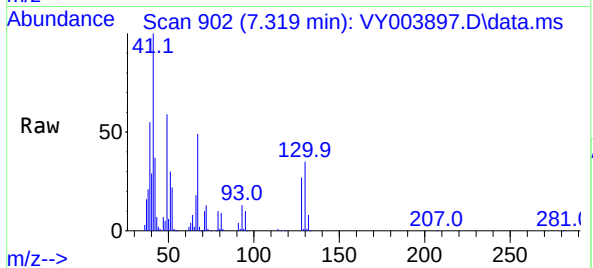
#41
Methacrylonitrile
Concen: 144.44 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:	41	Resp:	116326
Ion	Ratio	Lower	Upper
41	100		
39	157.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

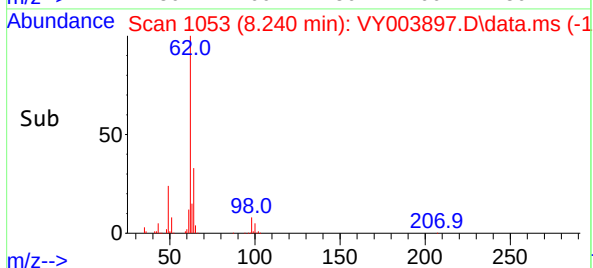
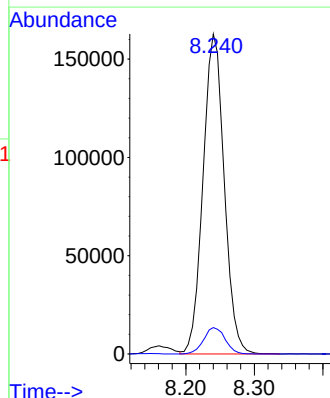
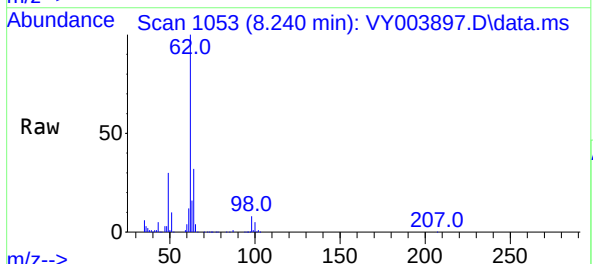
Manual Integrations
APPROVED

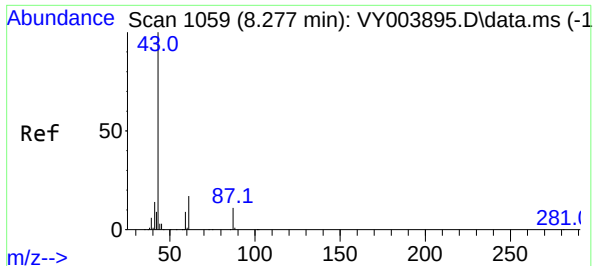
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#42
1,2-Dichloroethane
Concen: 159.91 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:	62	Resp:	350472
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.4





#43

Isopropyl Acetate
Concen: 189.13 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

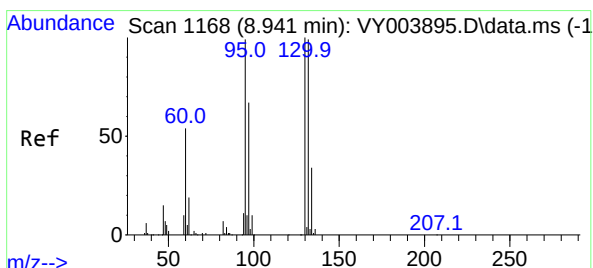
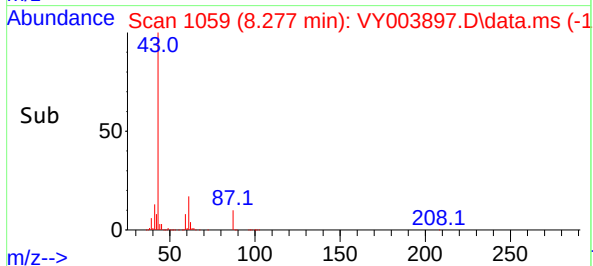
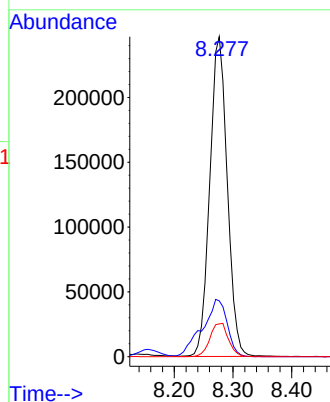
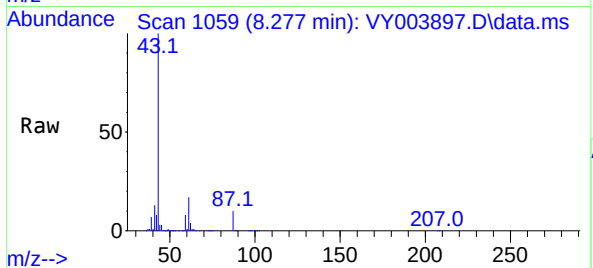
Tgt Ion: 43 Resp: 509699

Ion	Ratio	Lower	Upper
43	100		
61	25.5	22.7	34.1
87	11.0	10.4	15.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
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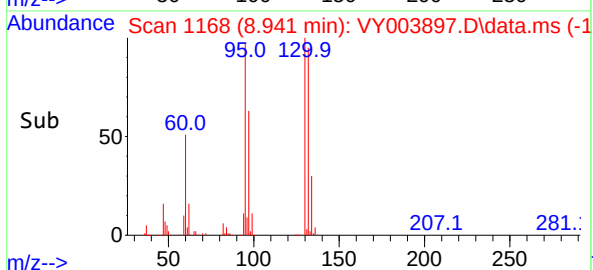
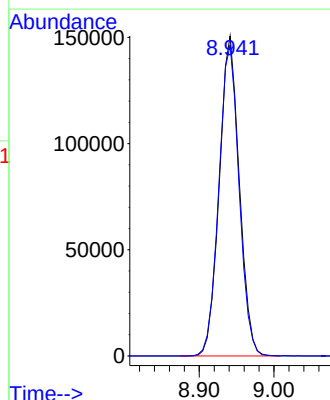
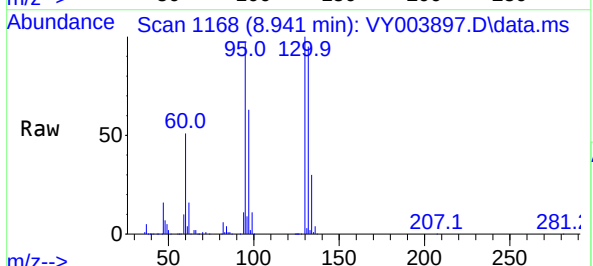


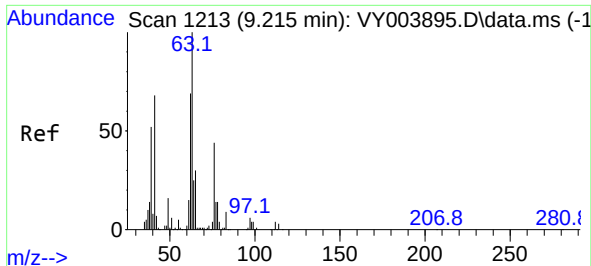
#44

Trichloroethene
Concen: 142.82 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:130 Resp: 279938

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	185.0





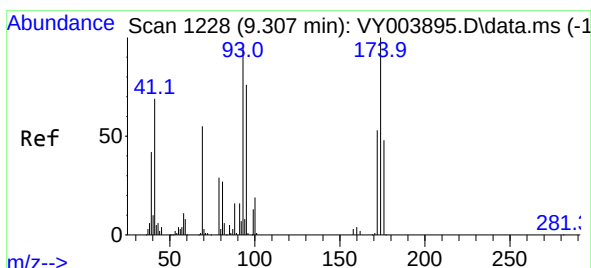
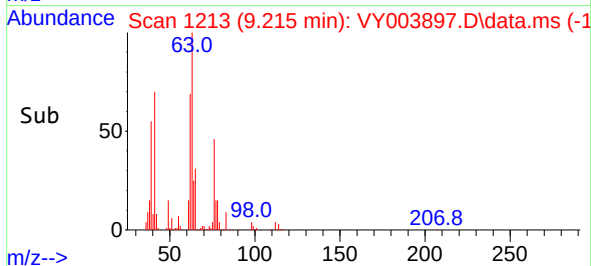
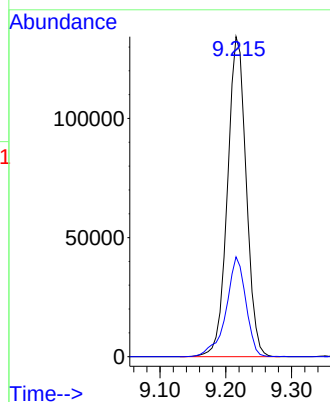
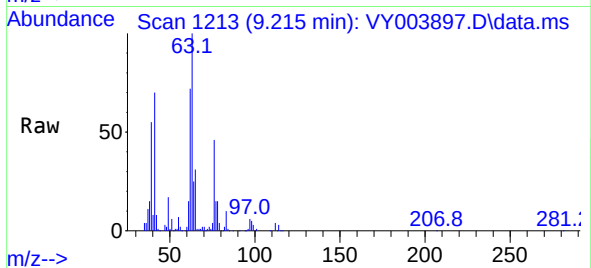
#45
1,2-Dichloropropane
Concen: 159.24 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 63 Resp: 266046
Ion Ratio Lower Upper
63 100
65 31.2 25.0 37.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

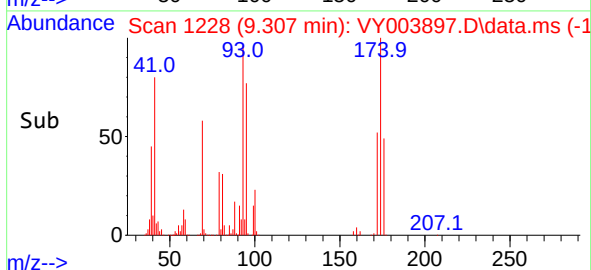
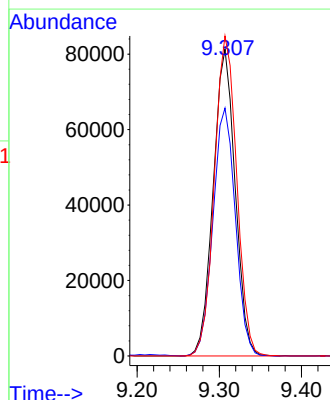
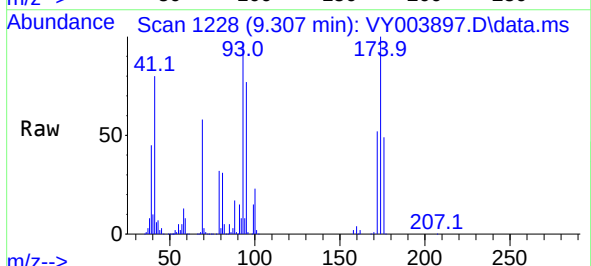
Manual Integrations
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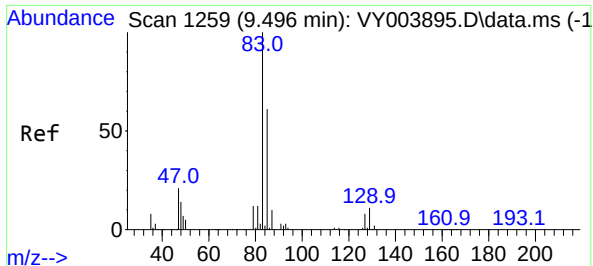
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#46
Dibromomethane
Concen: 155.90 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 93 Resp: 151134
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.4
174 106.0 94.8 142.2





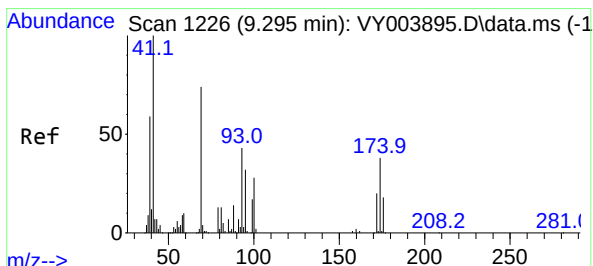
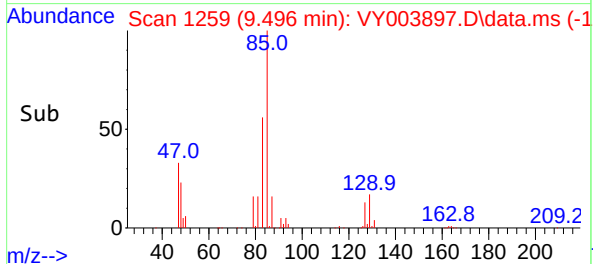
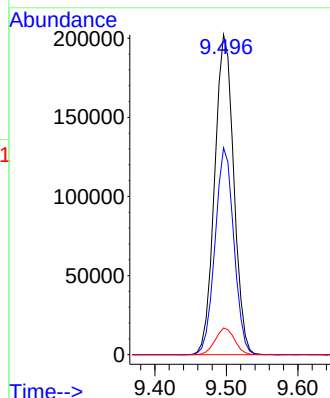
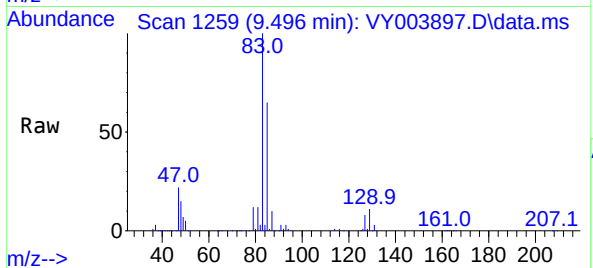
#47
Bromodichloromethane
Concen: 156.56 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:	83	Resp:	374986
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.4
127	8.4	6.6	10.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

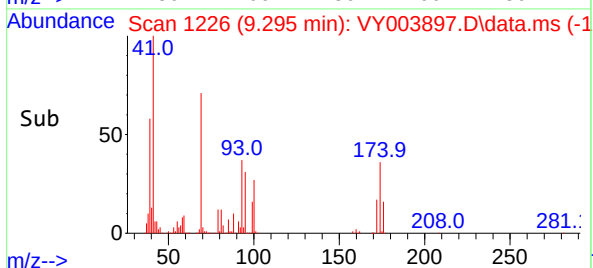
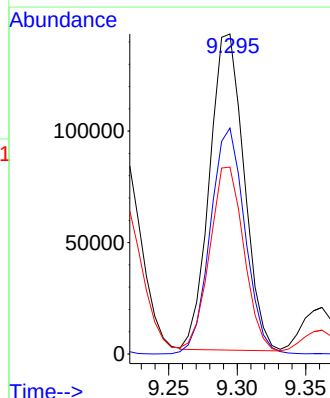
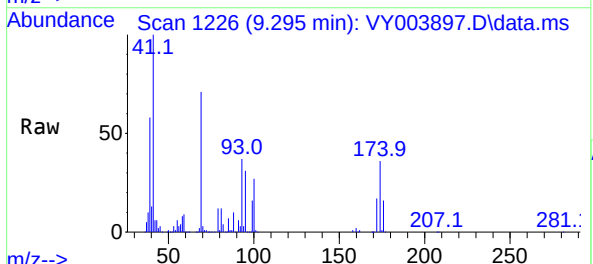
Manual Integrations
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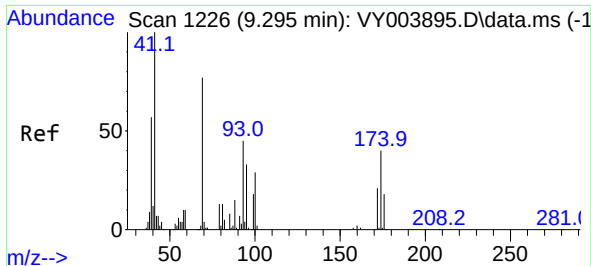
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#48
Methyl methacrylate
Concen: 192.91 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:	41	Resp:	248297
Ion	Ratio	Lower	Upper
41	100		
69	72.0	64.3	96.5
39	59.9	43.1	64.7





#49
1,4-Dioxane
Concen: 3416.95 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

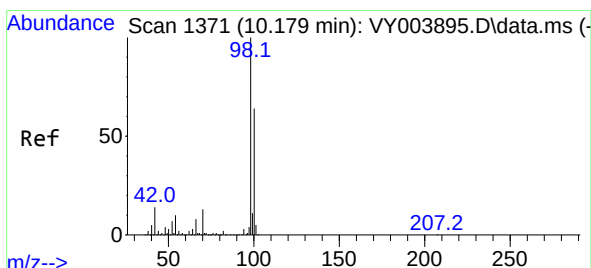
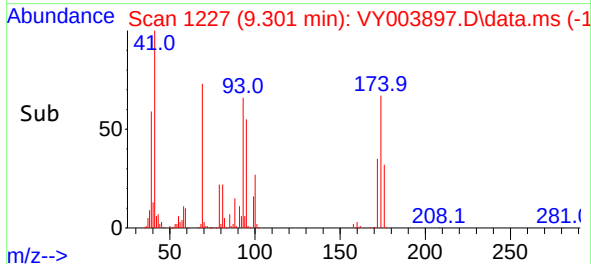
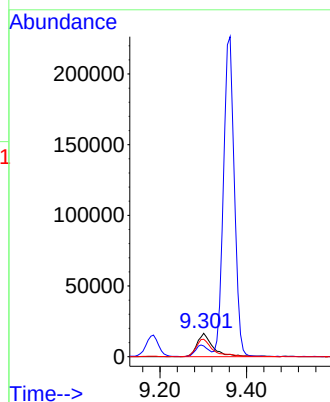
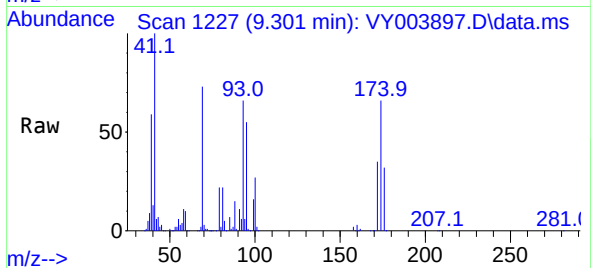
Tgt Ion: 88 Resp: 42465

Ion	Ratio	Lower	Upper
88	100		
43	38.8	27.9	41.9
58	80.9	54.7	82.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
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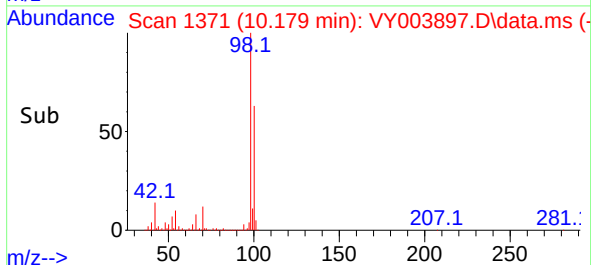
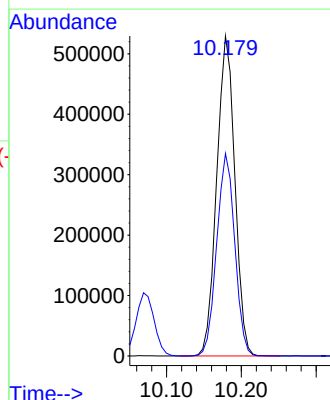
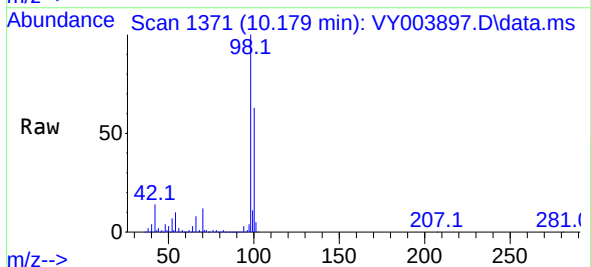
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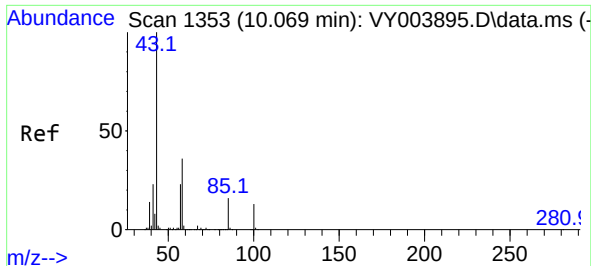


#50
Toluene-d8
Concen: 149.72 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 98 Resp: 893304

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.0





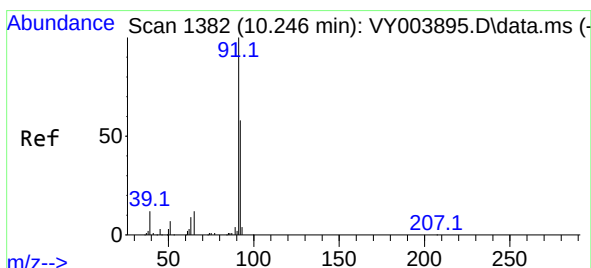
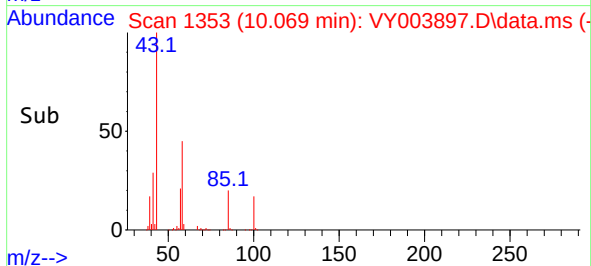
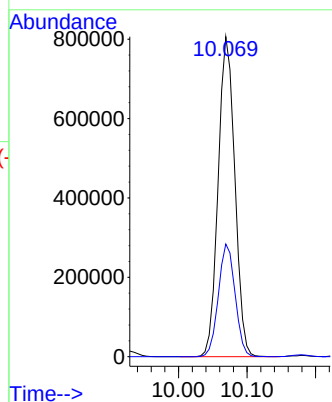
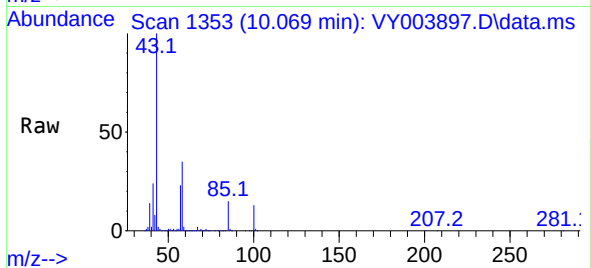
#51
4-Methyl-2-Pentanone
Concen: 955.22 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 43 Resp: 1358349
Ion Ratio Lower Upper
43 100
58 35.3 30.3 45.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

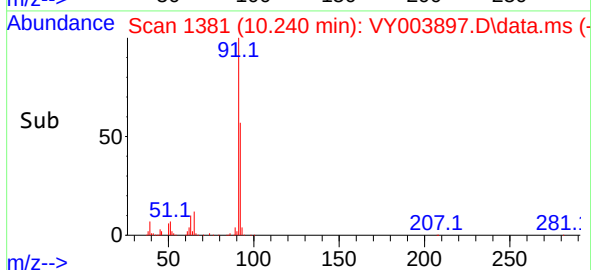
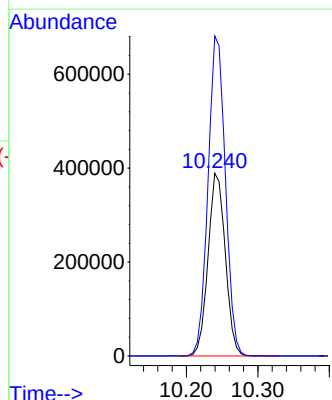
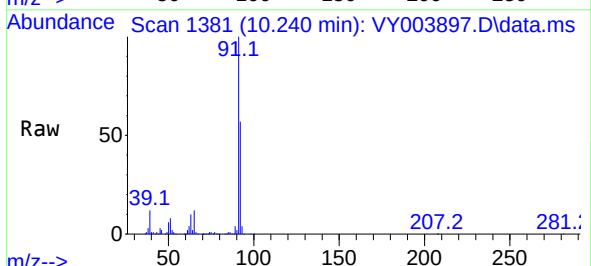
Manual Integrations
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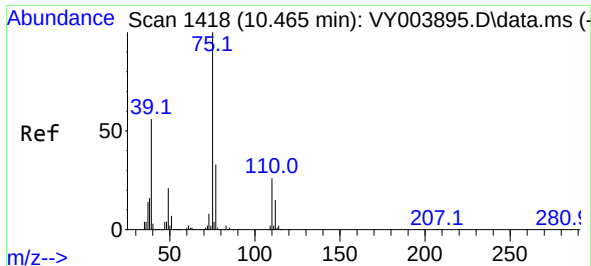
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#52
Toluene
Concen: 151.48 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 92 Resp: 650713
Ion Ratio Lower Upper
92 100
91 176.4 140.7 211.1





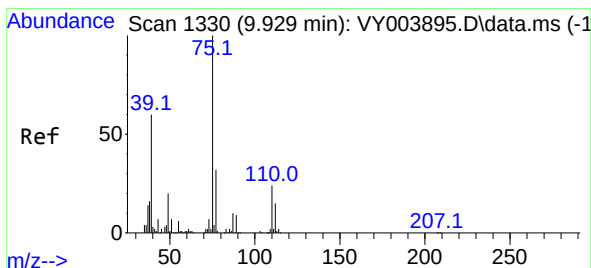
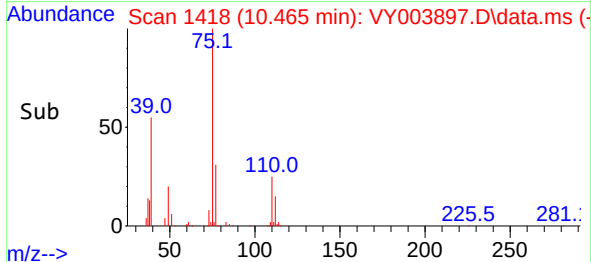
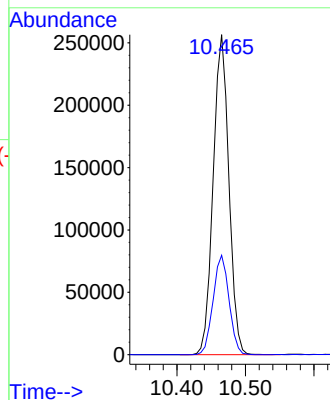
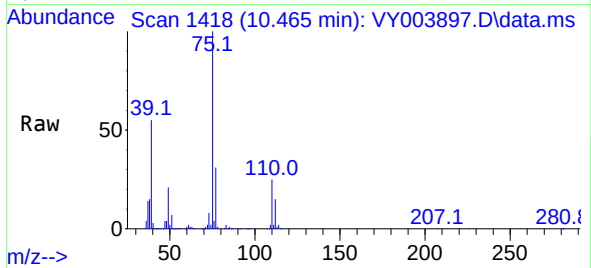
#53
t-1,3-Dichloropropene
Concen: 159.55 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 75 Resp: 407979
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.2

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

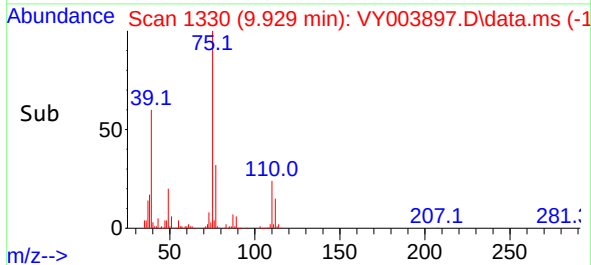
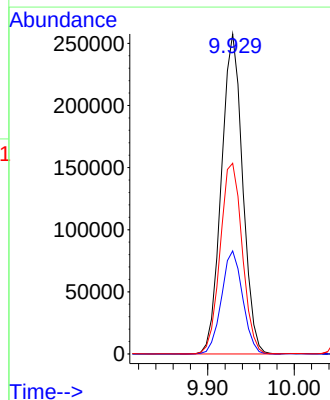
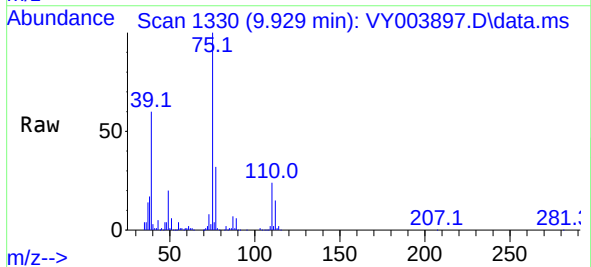
Manual Integrations
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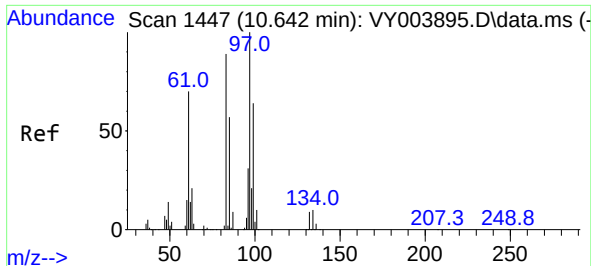
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#54
cis-1,3-Dichloropropene
Concen: 152.71 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 75 Resp: 438724
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2
39 59.5 42.2 63.2





#55
1,1,2-Trichloroethane
Concen: 150.73 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

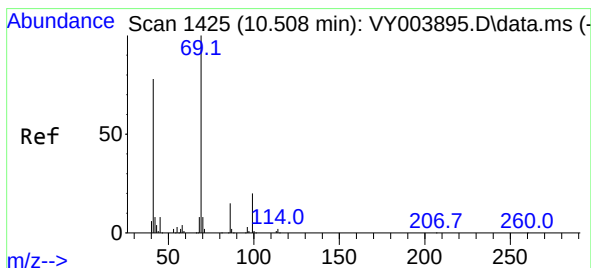
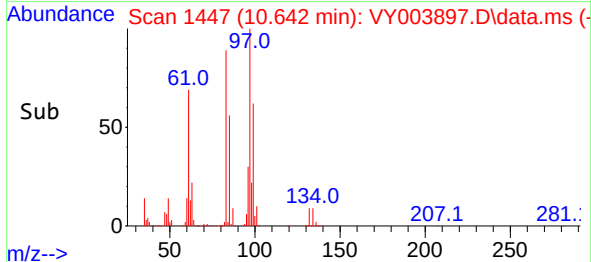
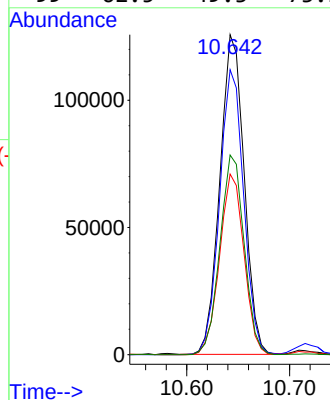
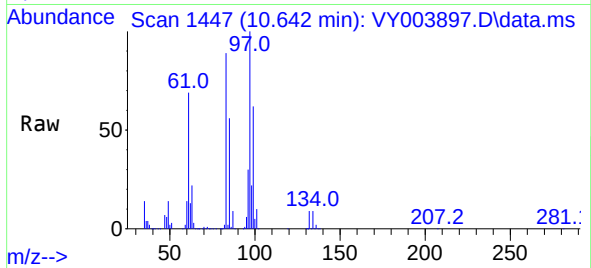
Tgt Ion: 97 Resp: 206322

Ion	Ratio	Lower	Upper
97	100		
83	89.2	65.7	98.5
85	56.5	42.2	63.4
99	62.5	49.3	73.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
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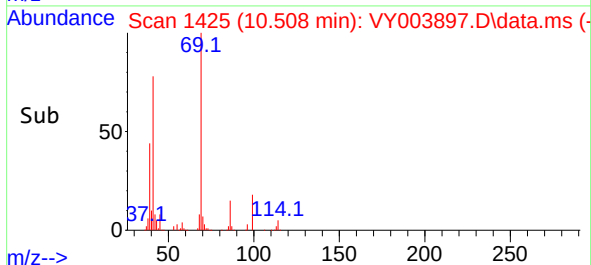
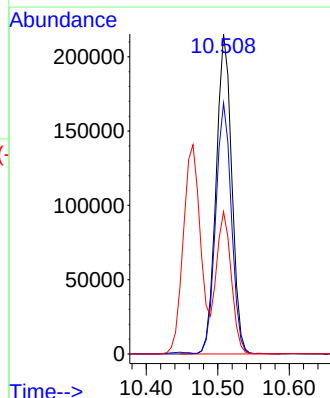
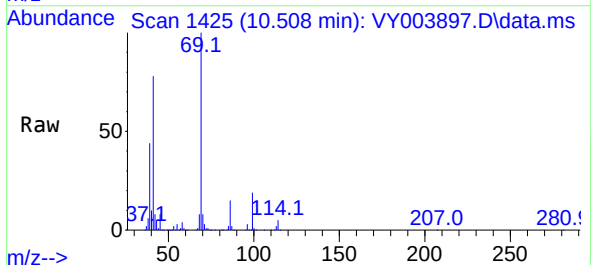
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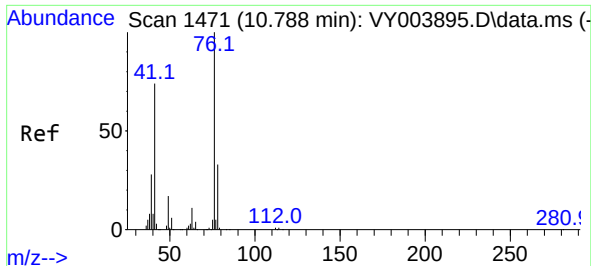


#56
Ethyl methacrylate
Concen: 173.88 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 69 Resp: 326587

Ion	Ratio	Lower	Upper
69	100		
41	78.9	57.0	85.6
39	41.3	27.9	41.9





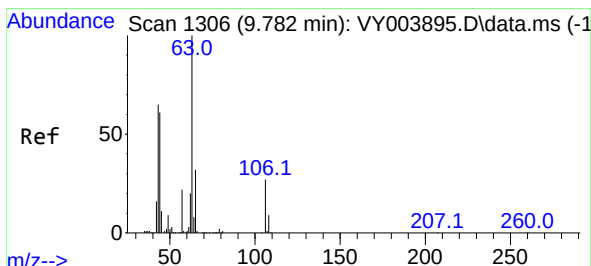
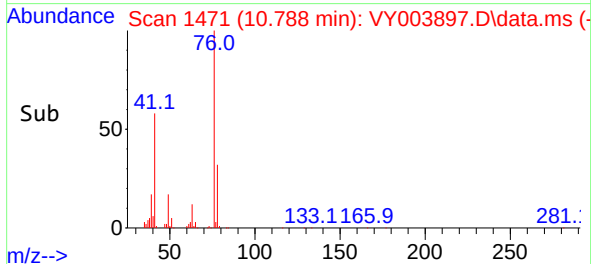
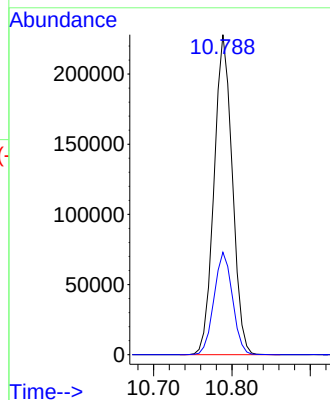
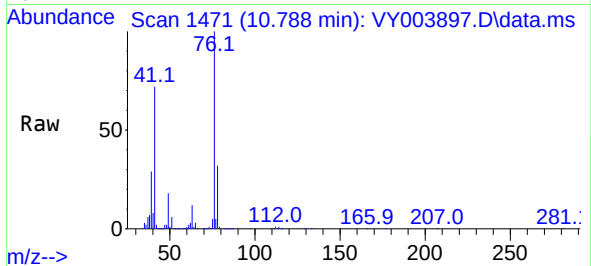
#57
1,3-Dichloropropane
Concen: 155.68 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 76 Resp: 368541
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

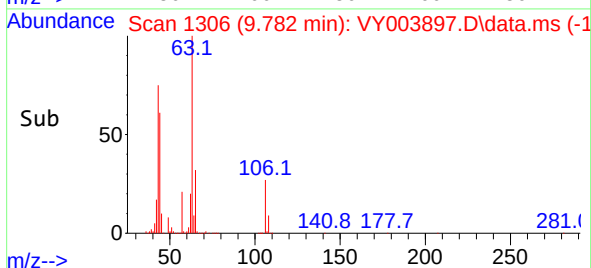
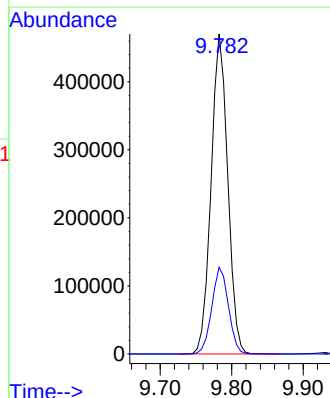
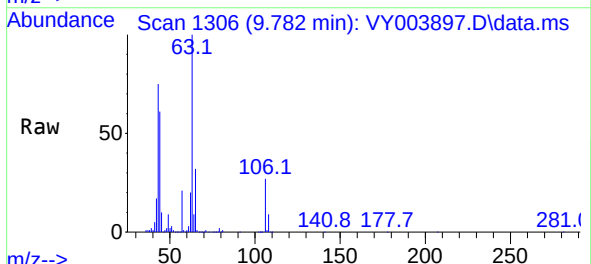
Manual Integrations
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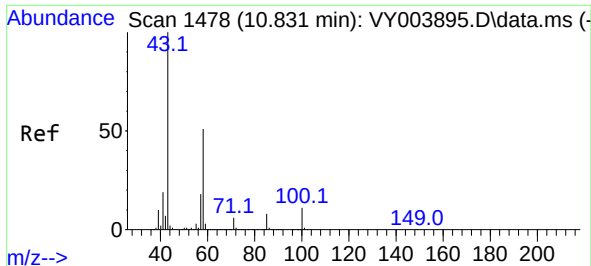
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#58
2-Chloroethyl Vinyl ether
Concen: 819.30 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 63 Resp: 757804
Ion Ratio Lower Upper
63 100
106 27.0 23.1 34.7





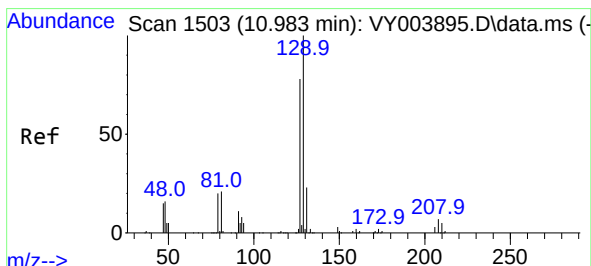
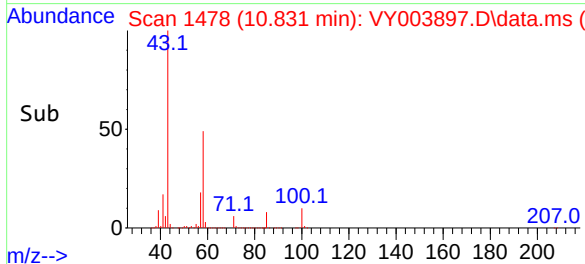
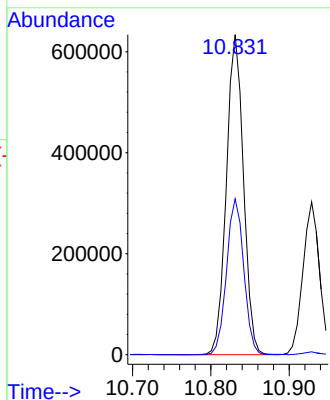
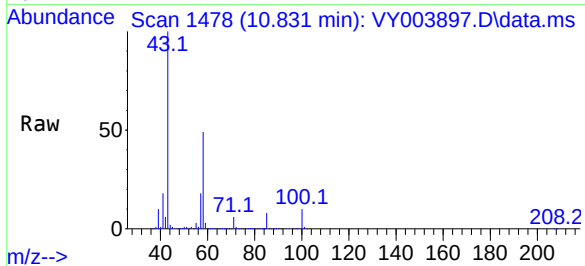
#59
2-Hexanone
Concen: 978.32 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 43 Resp: 960973
Ion Ratio Lower Upper
43 100
58 49.0 26.5 79.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

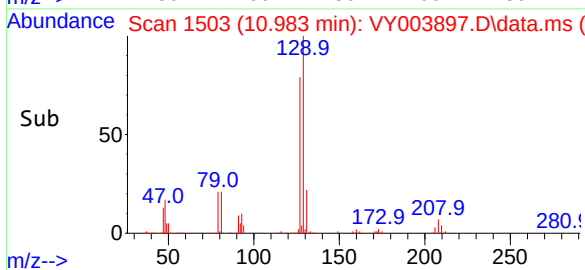
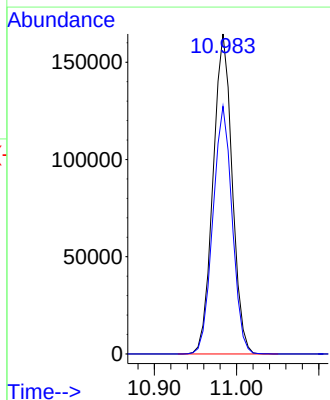
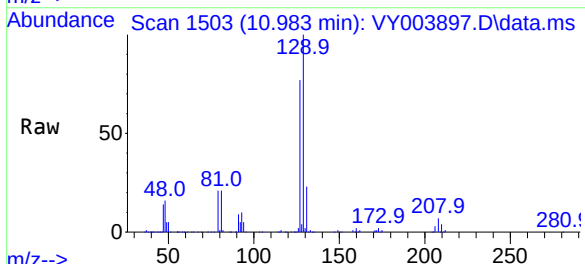
Manual Integrations
APPROVED

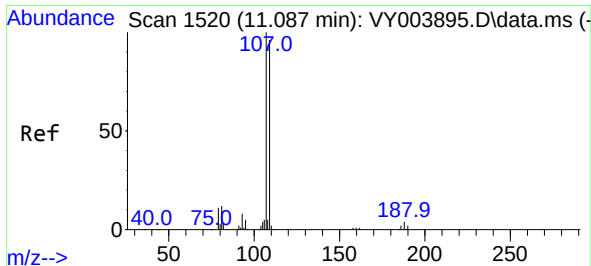
MMDadoda
1/13/2021 4:36:50 PM



#60
Dibromochloromethane
Concen: 149.70 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 129 Resp: 266008
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





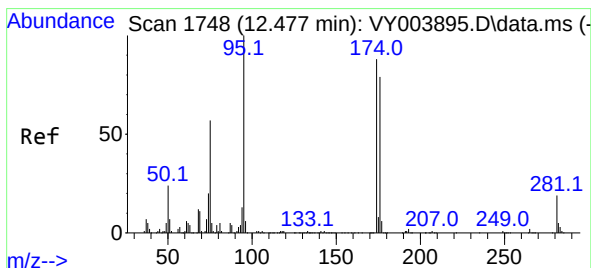
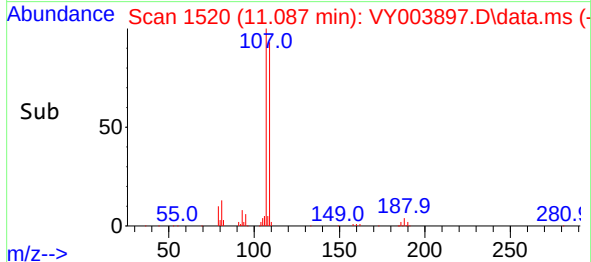
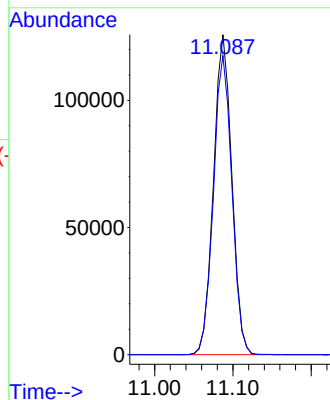
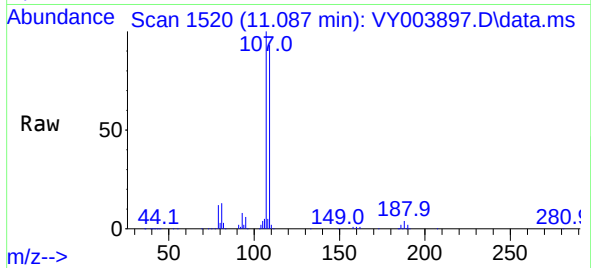
#61
1,2-Dibromoethane
Concen: 151.54 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 107 Resp: 204435
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

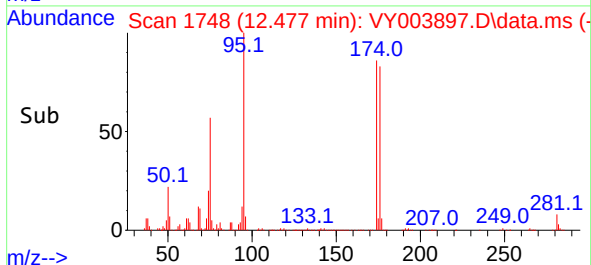
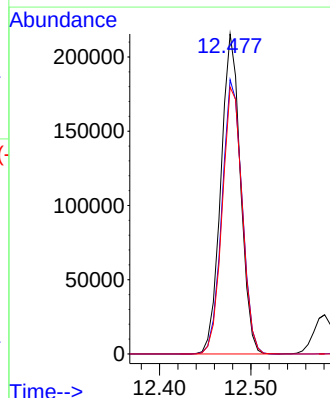
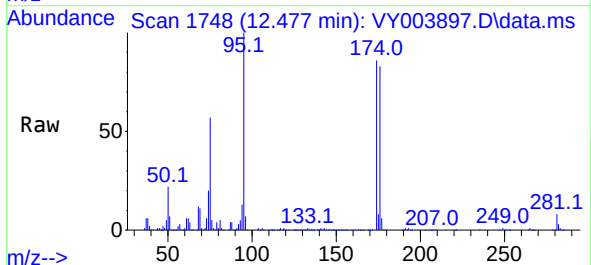
Manual Integrations
APPROVED

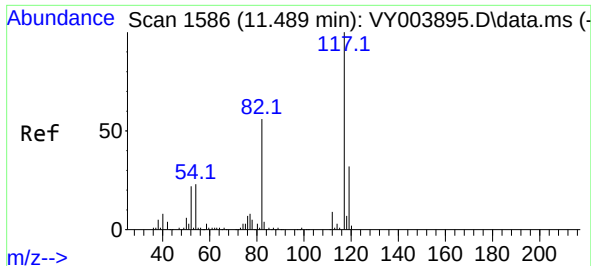
MMDadoda
1/13/2021 4:36:50 PM



#62
4-Bromofluorobenzene
Concen: 148.52 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

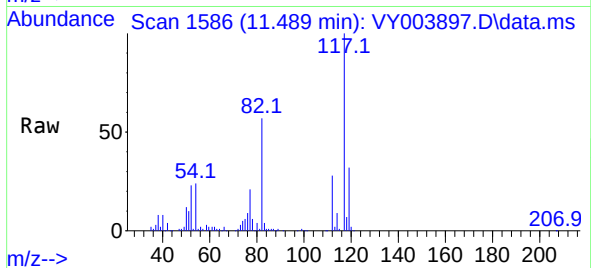
Tgt Ion: 95 Resp: 320774
Ion Ratio Lower Upper
95 100
174 87.6 0.0 193.2
176 85.2 0.0 187.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

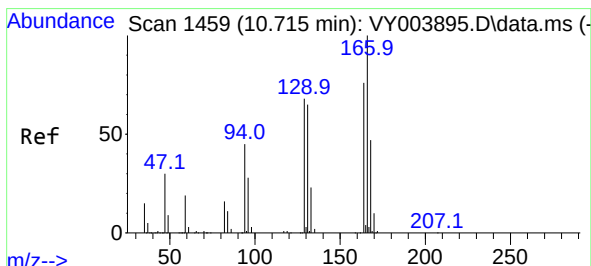
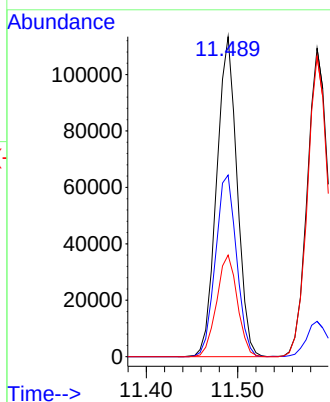
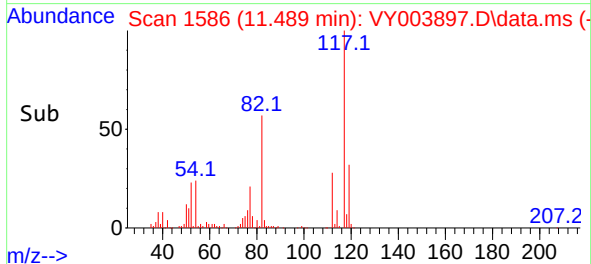
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



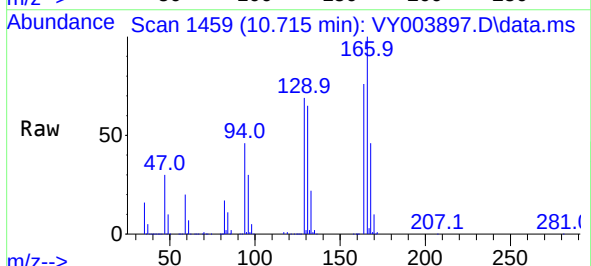
Tgt Ion:117 Resp: 176293
Ion Ratio Lower Upper
117 100
82 56.7 43.9 65.9
119 31.8 26.2 39.4

Manual Integrations
APPROVED

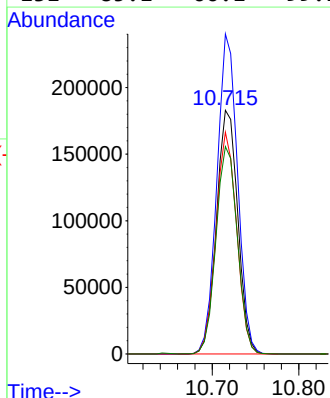
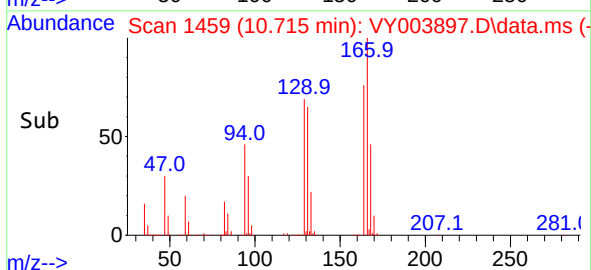
MMDadoda
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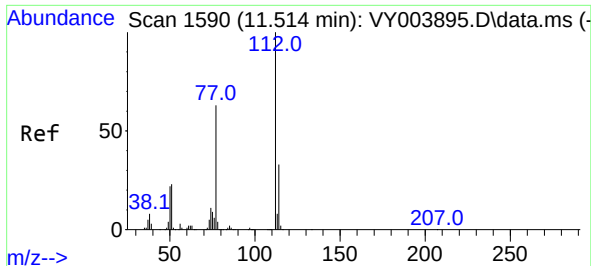


#64
Tetrachloroethene
Concen: 142.47 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



Tgt Ion:164 Resp: 313269
Ion Ratio Lower Upper
164 100
166 131.4 103.0 154.4
129 91.0 67.8 101.8
131 85.1 66.1 99.1





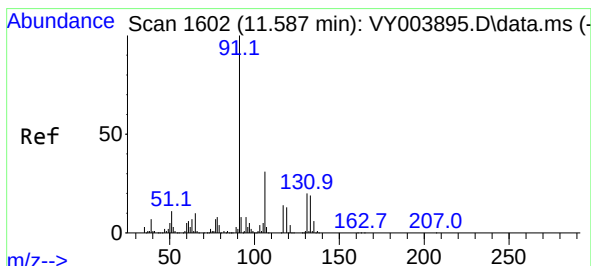
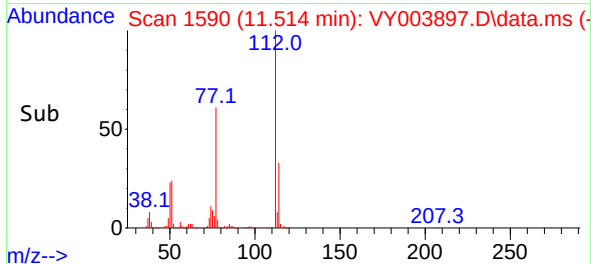
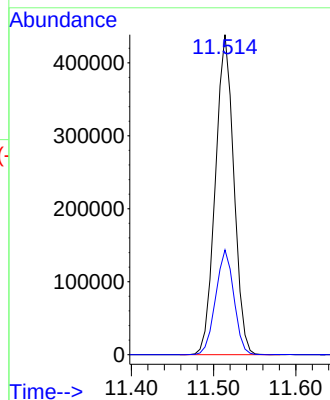
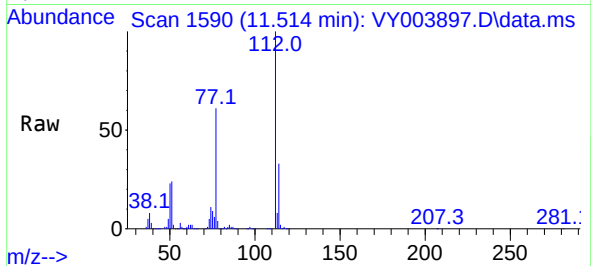
#65
Chlorobenzene
Concen: 147.40 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:112 Resp: 683063
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

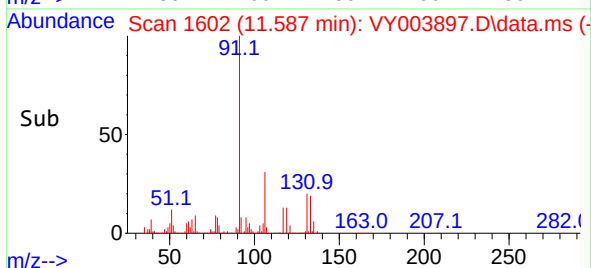
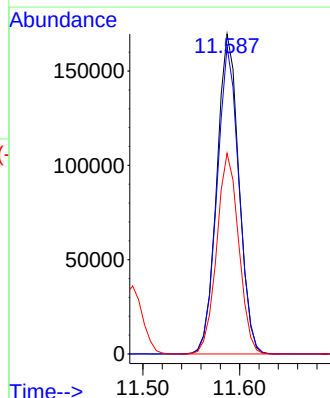
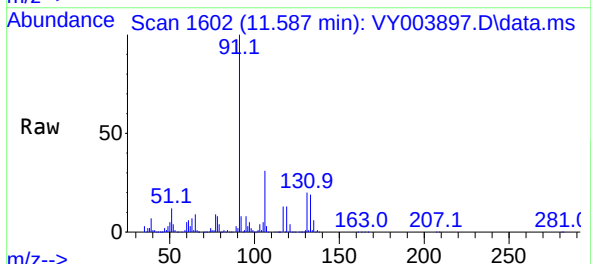
Manual Integrations
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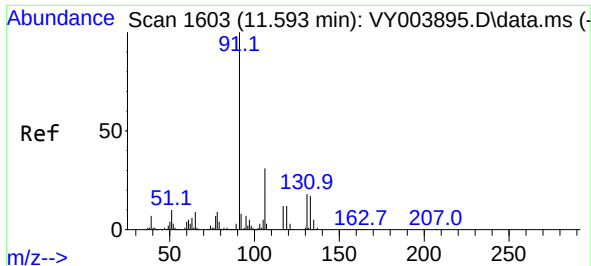
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#66
1,1,1,2-Tetrachloroethane
Concen: 149.70 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:131 Resp: 268771
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 62.3 31.4 94.0





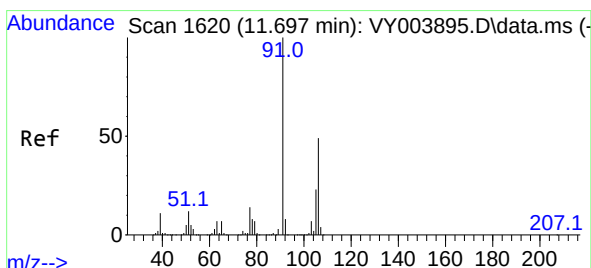
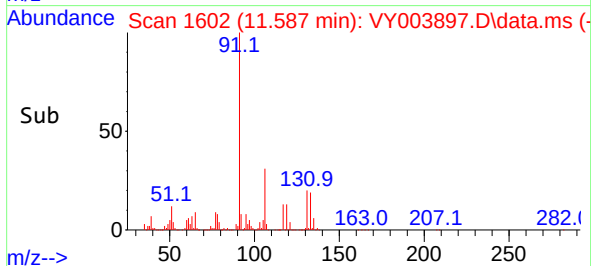
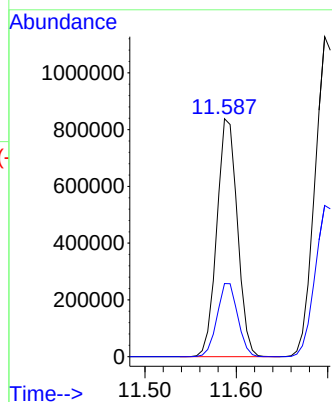
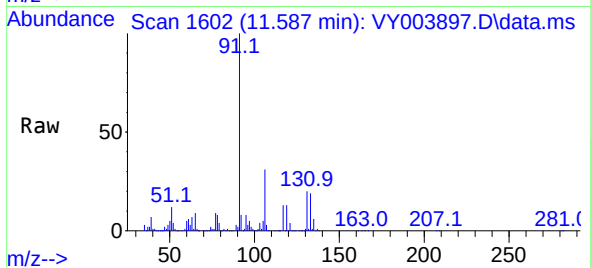
#67
Ethyl Benzene
Concen: 157.59 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1310558
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4

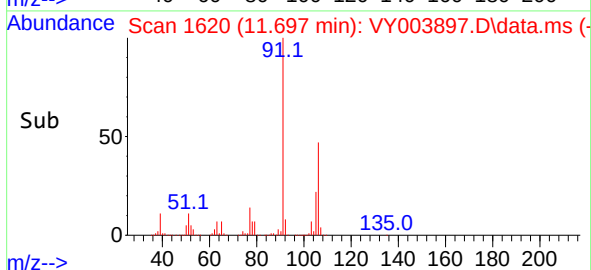
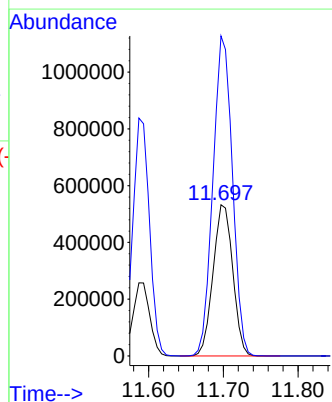
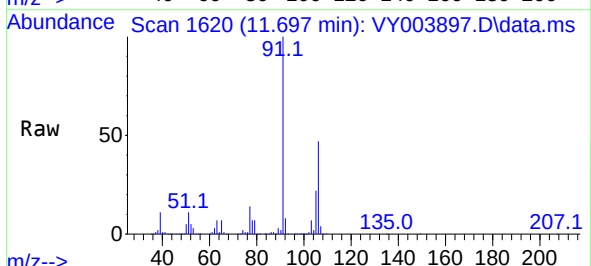
Manual Integrations
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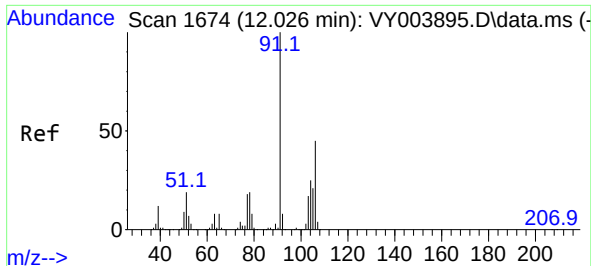
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#68
m/p-Xylenes
Concen: 306.97 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:106 Resp: 975917
Ion Ratio Lower Upper
106 100
91 209.3 162.2 243.4





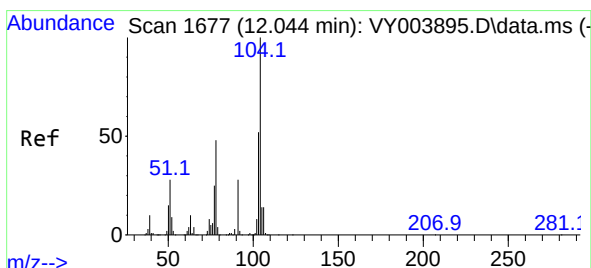
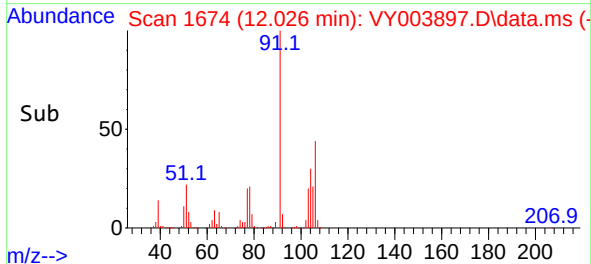
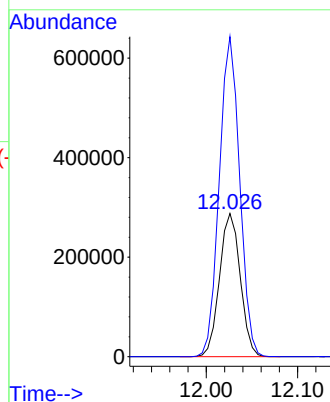
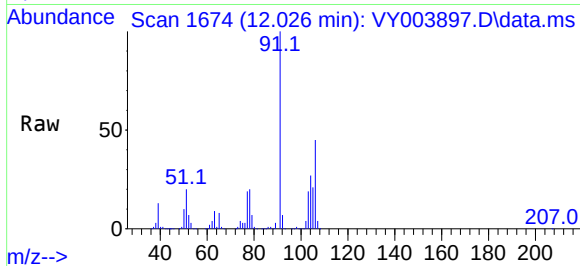
#69
o-Xylene
Concen: 153.10 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 454788
Ion Ratio Lower Upper
106 100
91 219.6 107.6 322.8

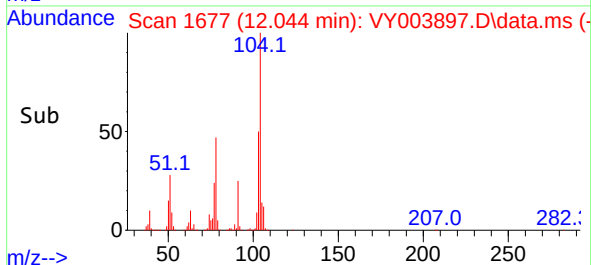
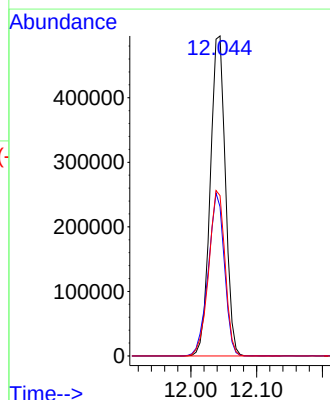
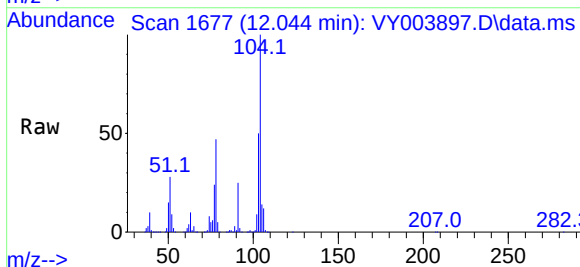
Manual Integrations
APPROVED

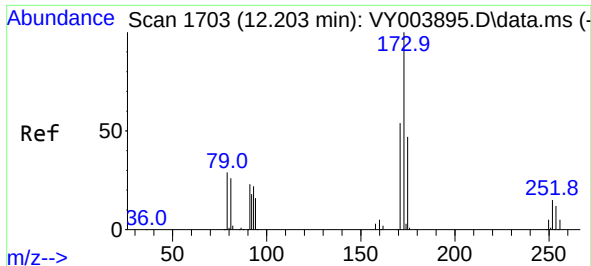
MMDadoda
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#70
Styrene
Concen: 157.37 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:104 Resp: 795556
Ion Ratio Lower Upper
104 100
78 54.3 41.0 61.4
103 55.6 44.2 66.2





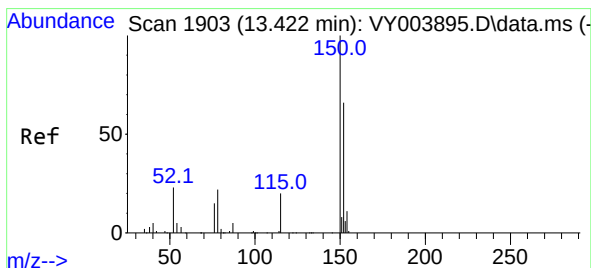
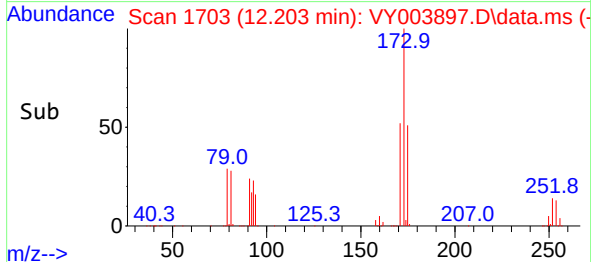
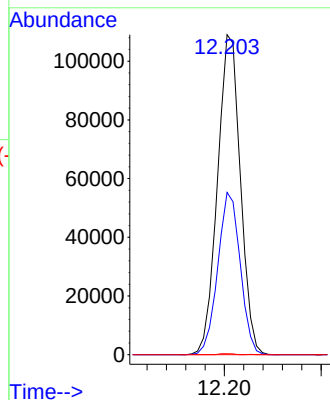
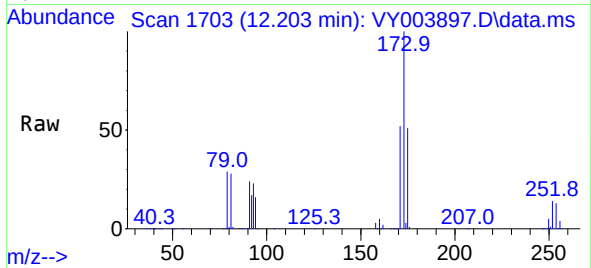
#71
Bromoform
Concen: 147.66 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:173 Resp: 179153
Ion Ratio Lower Upper
173 100
175 49.6 24.1 72.3
254 0.2 0.2 0.2

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

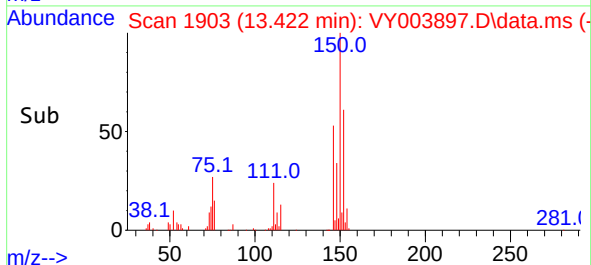
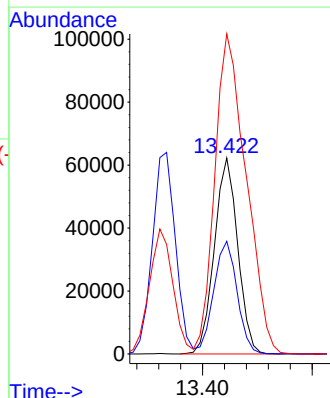
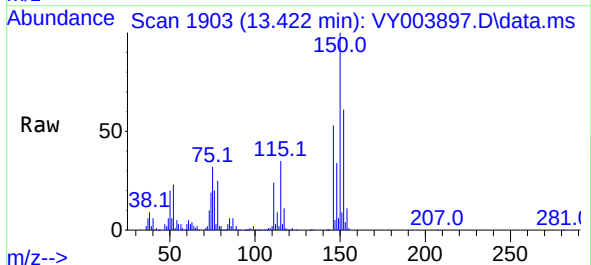
Manual Integrations
APPROVED

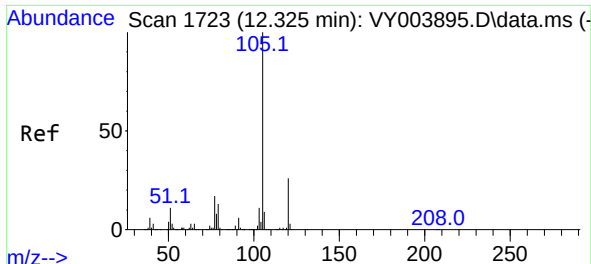
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:152 Resp: 92316
Ion Ratio Lower Upper
152 100
115 57.7 27.9 83.7
150 218.9 0.0 356.4





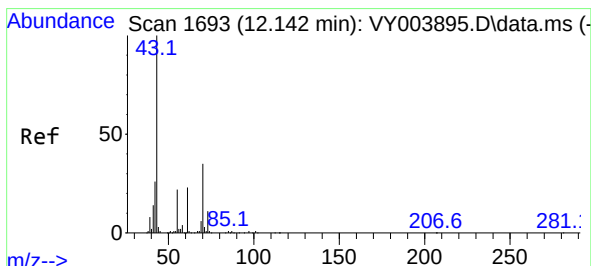
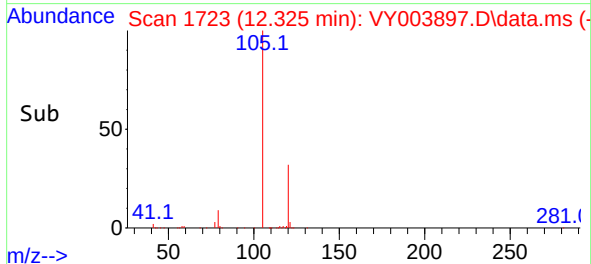
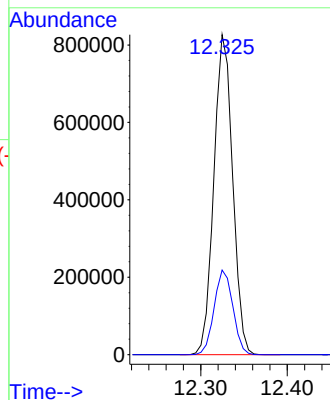
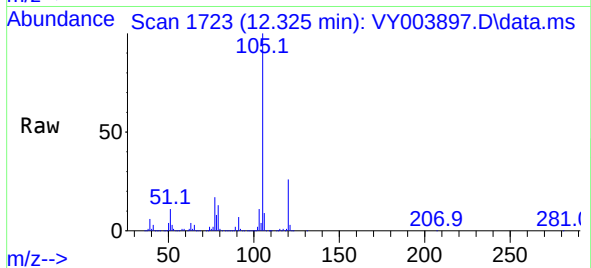
#73
Isopropylbenzene
Concen: 160.86 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:105 Resp: 1244715
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

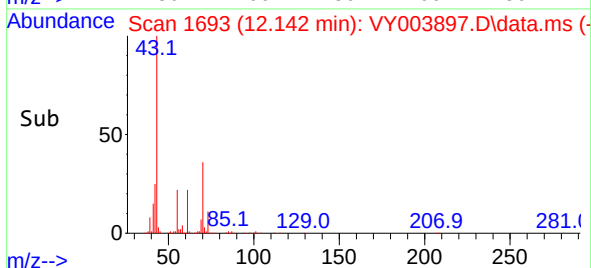
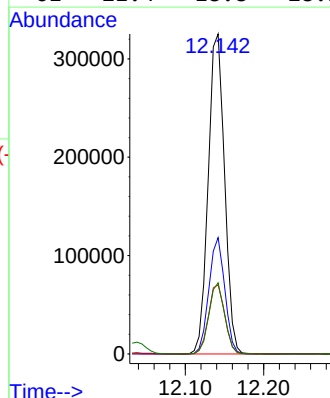
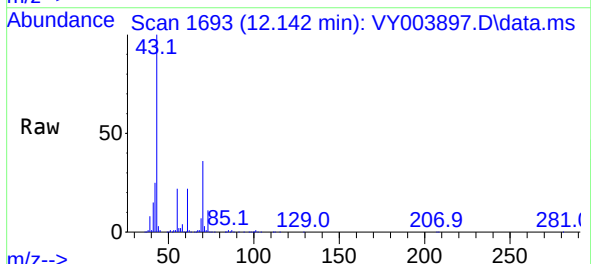
Manual Integrations
APPROVED

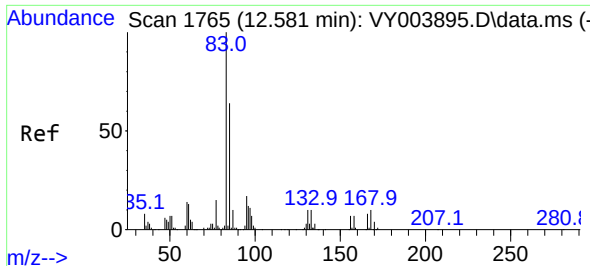
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#74
N-ethyl acetate
Concen: 204.63 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 43 Resp: 470990
Ion Ratio Lower Upper
43 100
70 35.4 33.0 49.6
55 21.7 19.6 29.4
61 21.4 18.8 28.2





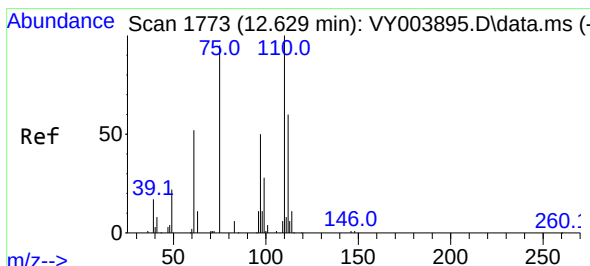
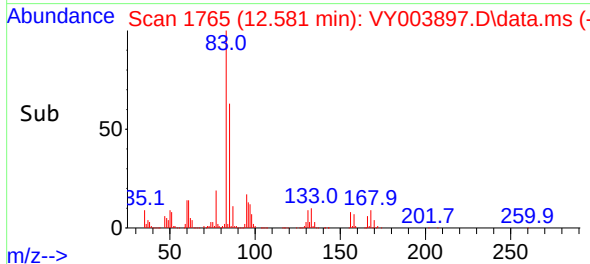
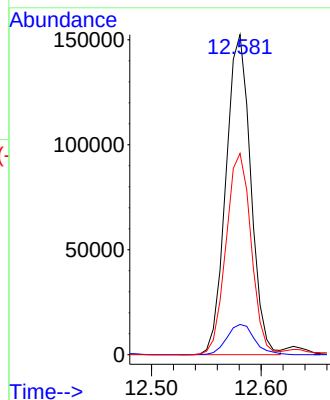
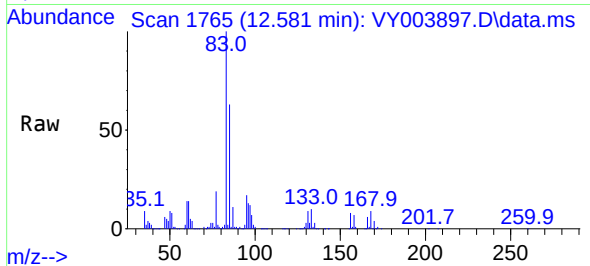
#75
1,1,2,2-Tetrachloroethane
Concen: 169.53 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 83 Resp: 239741
Ion Ratio Lower Upper
83 100
131 10.6 5.7 17.1
85 63.8 32.3 96.9

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

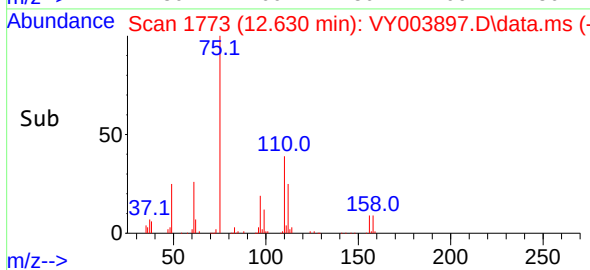
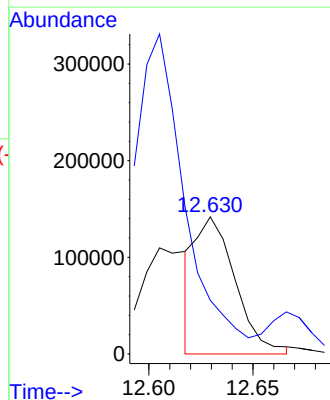
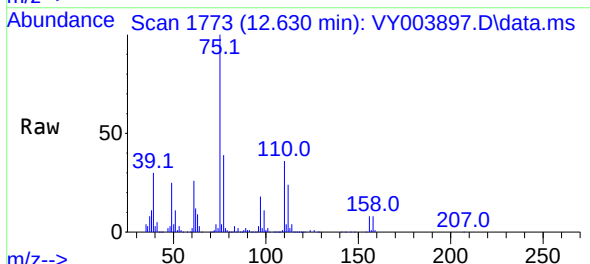
Manual Integrations
APPROVED

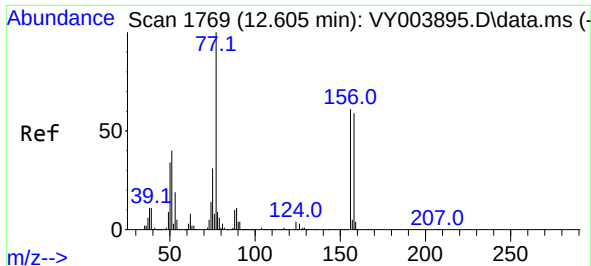
MMDadoda
1/13/2021 4:36:50 PM



#76
1,2,3-Trichloropropane
Concen: 170.11 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 75 Resp: 190065
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 152.07 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

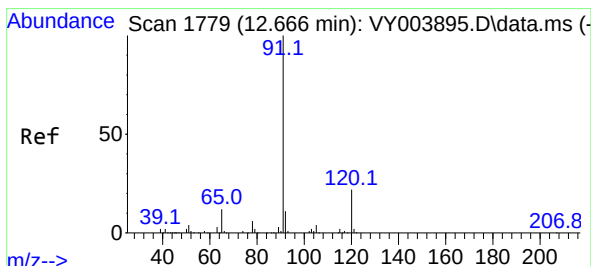
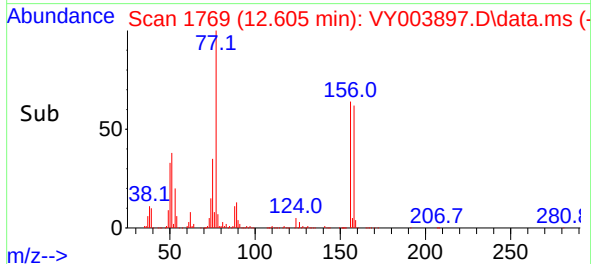
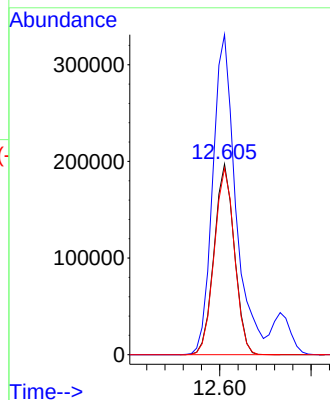
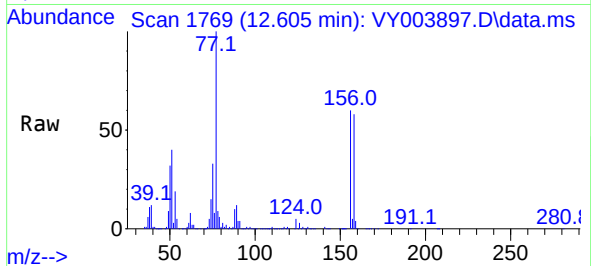
Tgt Ion: 156 Resp: 302974

Ion	Ratio	Lower	Upper
156	100		
77	190.4	83.6	250.8
158	98.0	48.6	145.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

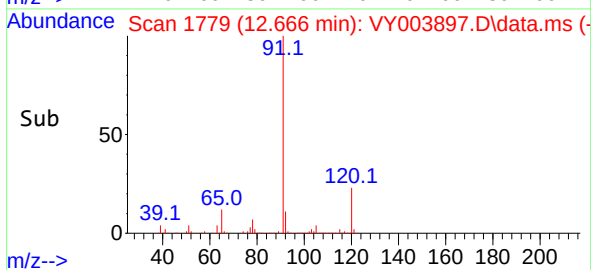
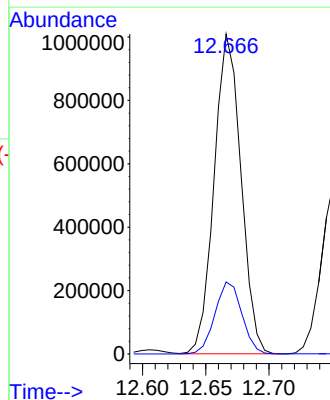
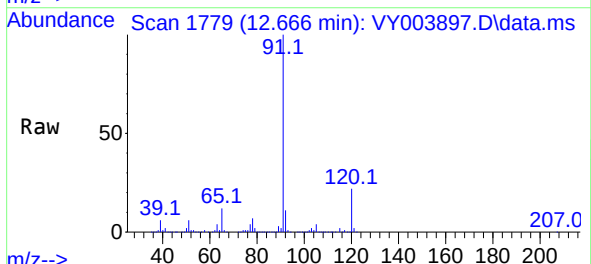
MMDadoda
1/13/2021 4:36:50 PM

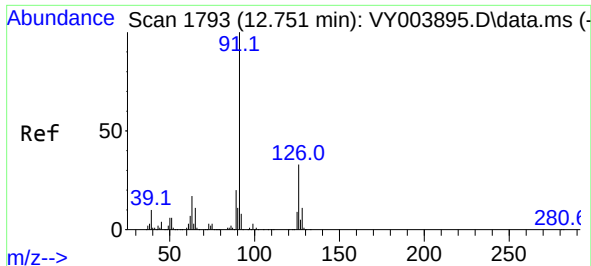


#78
n-propylbenzene
Concen: 163.06 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 91 Resp: 1485623

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.8	35.4





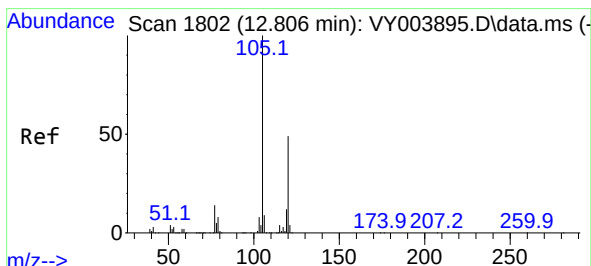
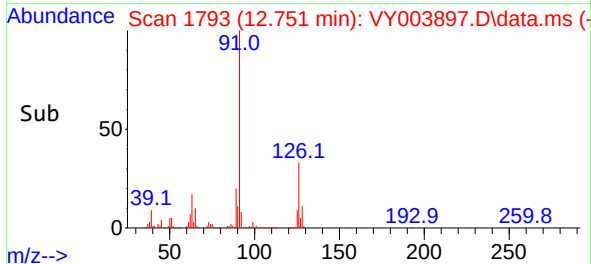
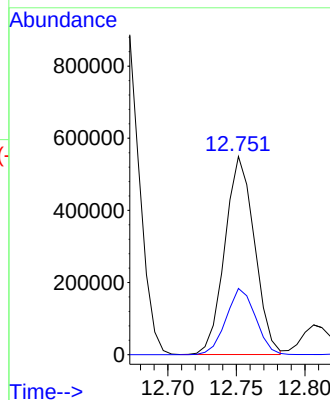
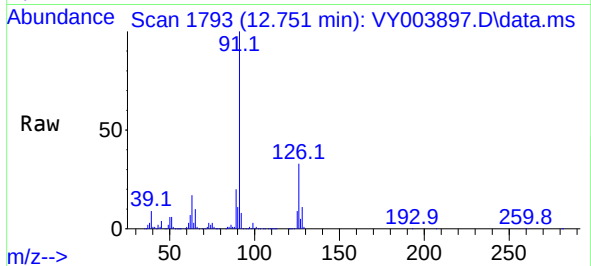
#79
2-Chlorotoluene
Concen: 159.63 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 91 Resp: 828021
Ion Ratio Lower Upper
91 100
126 33.1 17.5 52.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

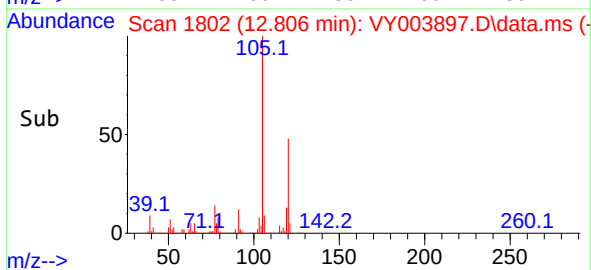
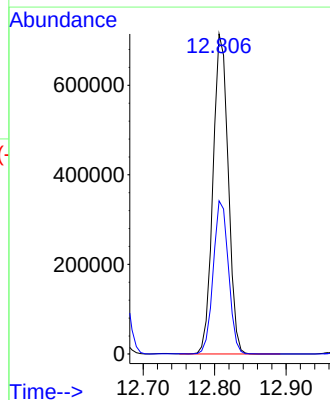
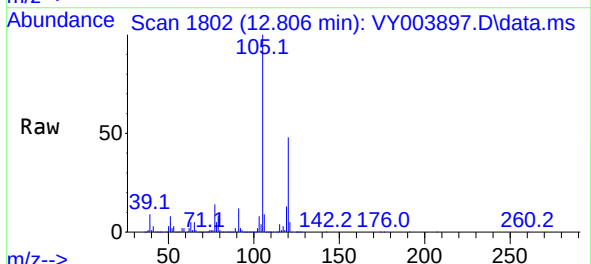
Manual Integrations
APPROVED

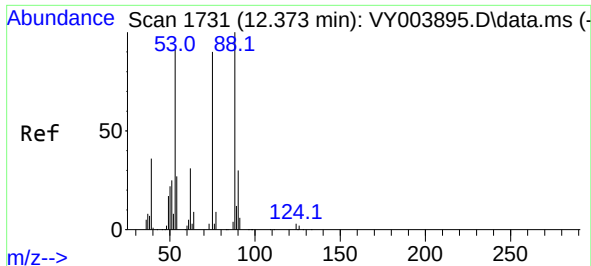
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#80
1,3,5-Trimethylbenzene
Concen: 159.47 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:105 Resp: 1056889
Ion Ratio Lower Upper
105 100
120 47.7 24.4 73.4





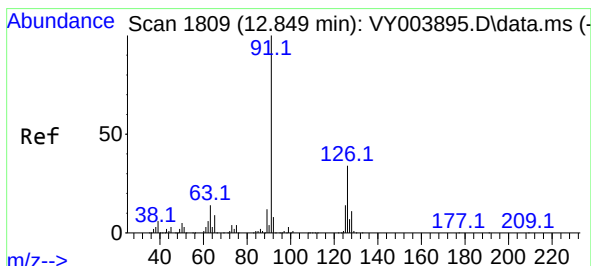
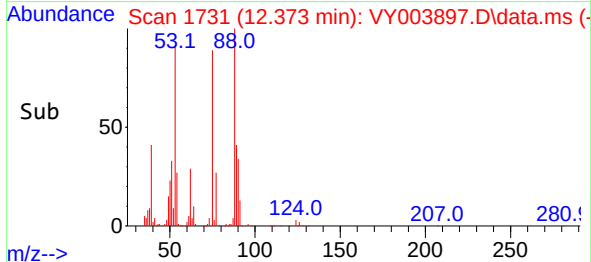
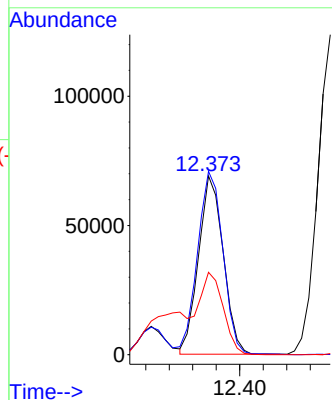
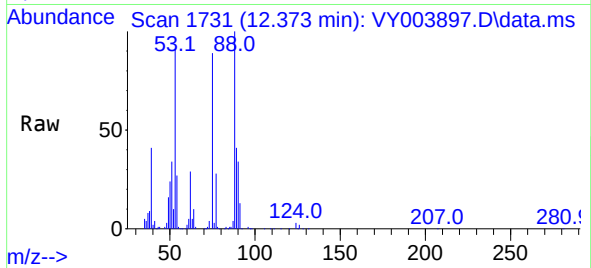
#81
trans-1,4-Dichloro-2-butene
Concen: 174.43 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 75 Resp: 100822
Ion Ratio Lower Upper
75 100
53 106.8 75.0 112.6
89 46.8 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

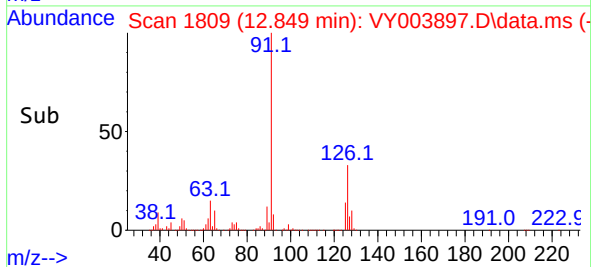
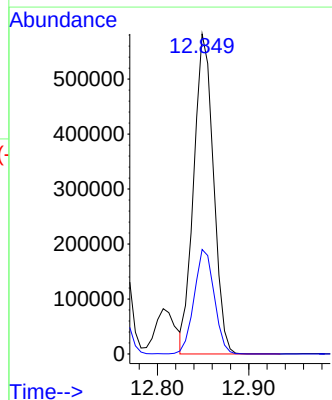
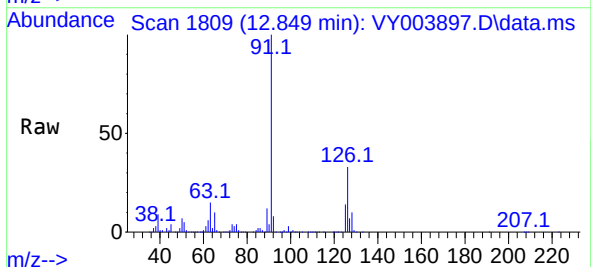
Manual Integrations
APPROVED

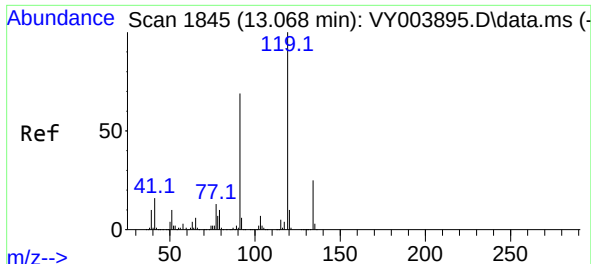
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1/13/2021 4:36:50 PM



#82
4-Chlorotoluene
Concen: 159.40 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion: 91 Resp: 870657
Ion Ratio Lower Upper
91 100
126 33.3 17.4 52.2





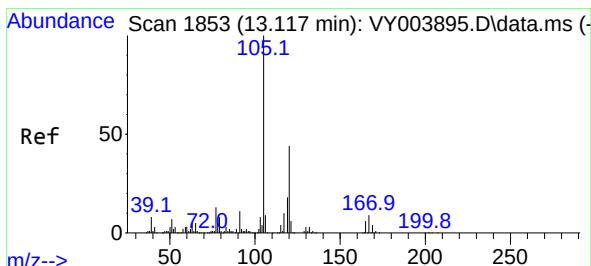
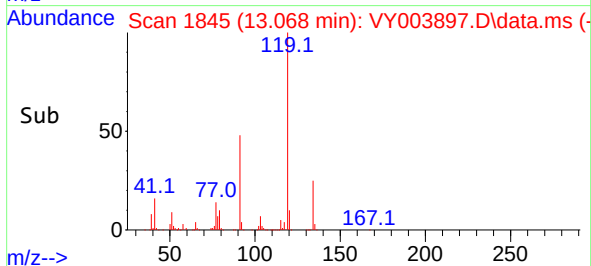
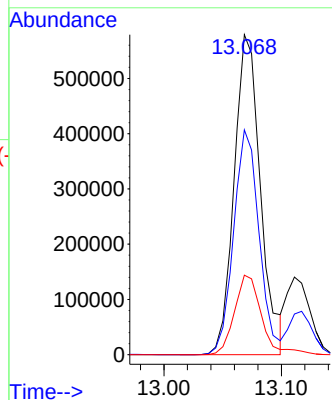
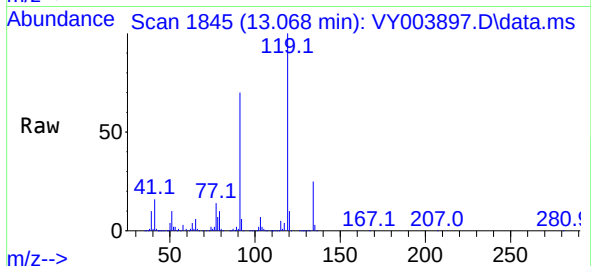
#83
tert-Butylbenzene
Concen: 157.90 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:119 Resp: 901197
Ion Ratio Lower Upper
119 100
91 68.0 32.1 96.5
134 25.6 13.2 39.6

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

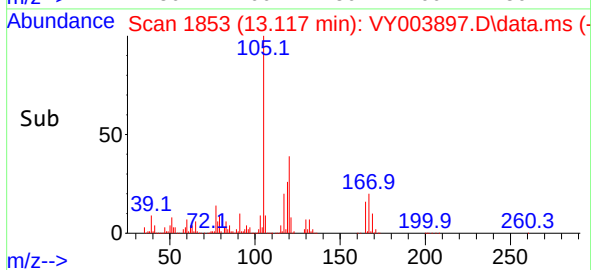
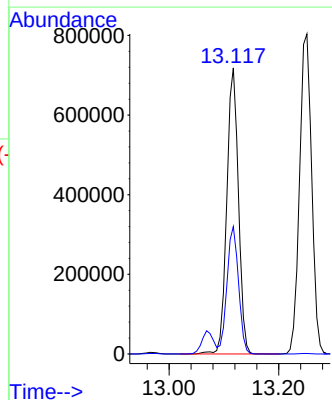
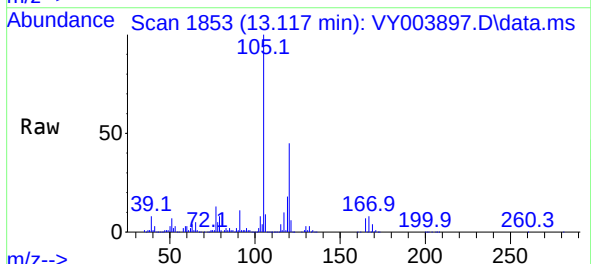
Manual Integrations
APPROVED

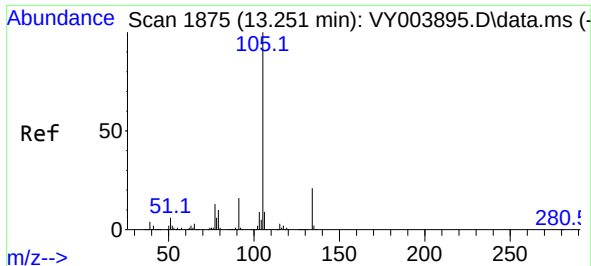
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#84
1,2,4-Trimethylbenzene
Concen: 160.55 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:105 Resp: 1063444
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.5





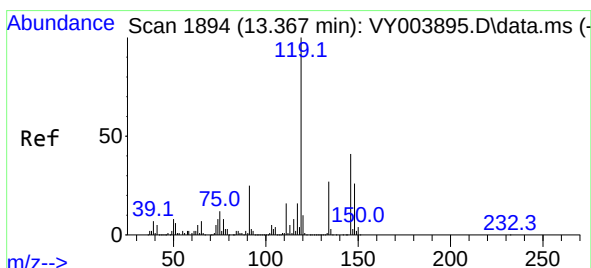
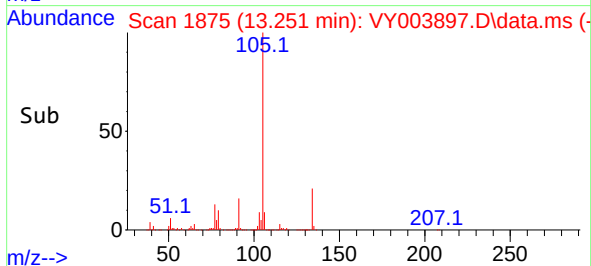
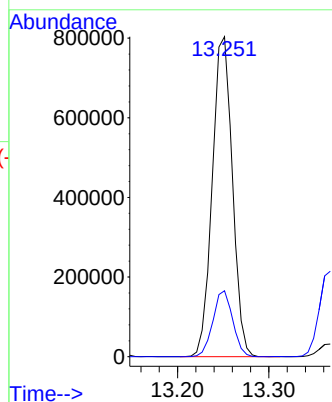
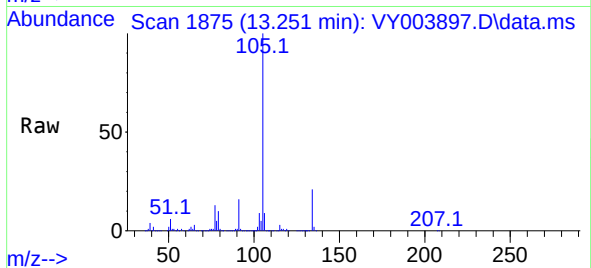
#85
sec-Butylbenzene
Concen: 158.62 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 1227285
Ion Ratio Lower Upper
105 100
134 20.3 10.5 31.6

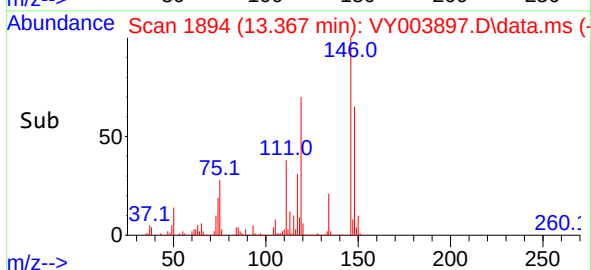
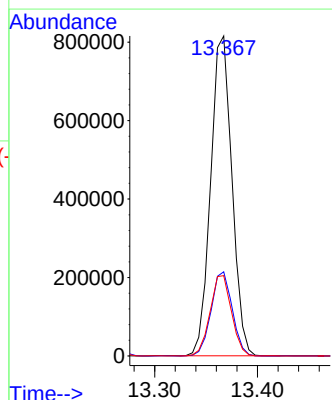
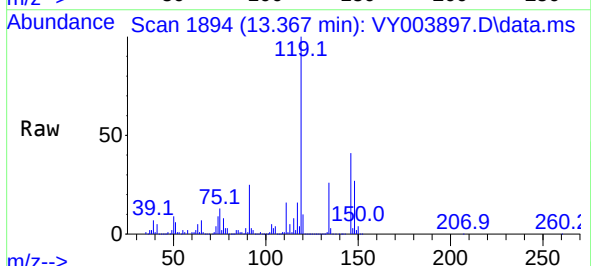
Manual Integrations
APPROVED

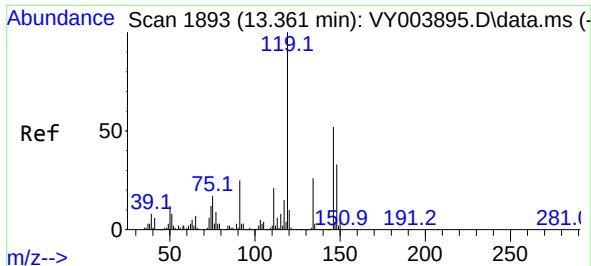
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#86
p-Isopropyltoluene
Concen: 158.20 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:119 Resp: 1172827
Ion Ratio Lower Upper
119 100
134 26.1 13.5 40.5
91 25.3 12.3 36.8





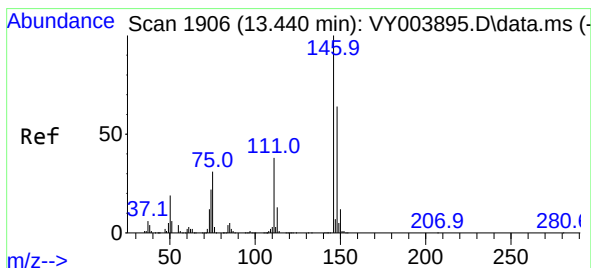
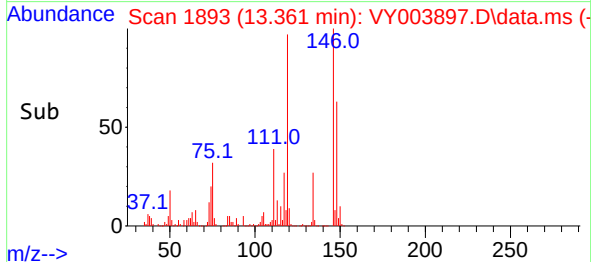
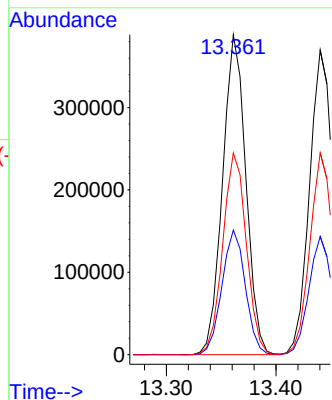
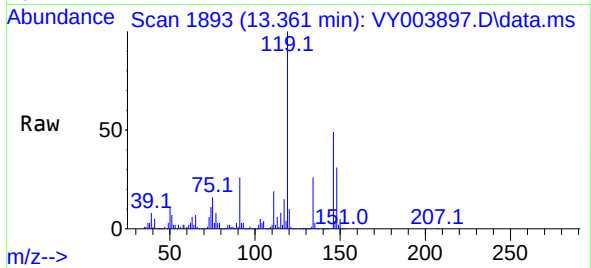
#87
1,3-Dichlorobenzene
Concen: 150.72 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:146 Resp: 574474
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.8
148 63.7 32.6 98.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

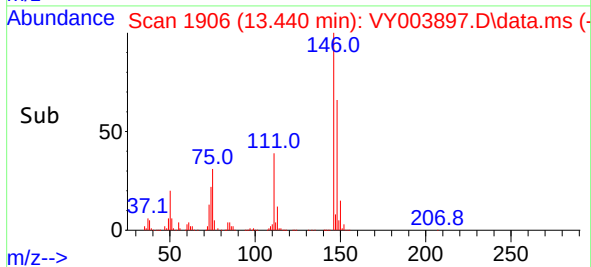
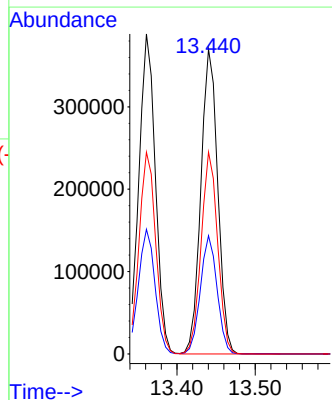
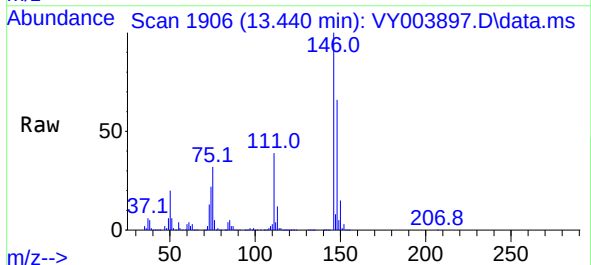
Manual Integrations
APPROVED

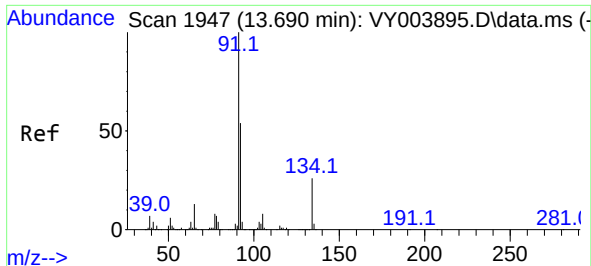
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#88
1,4-Dichlorobenzene
Concen: 148.25 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

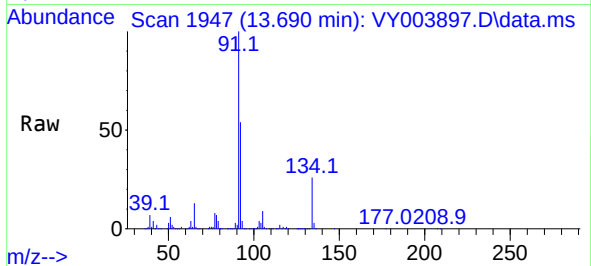
Tgt Ion:146 Resp: 554074
Ion Ratio Lower Upper
146 100
111 38.2 18.6 55.6
148 64.9 31.9 95.7





#89
n-Butylbenzene
Concen: 159.34 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

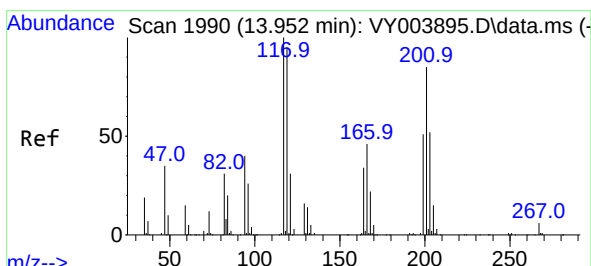
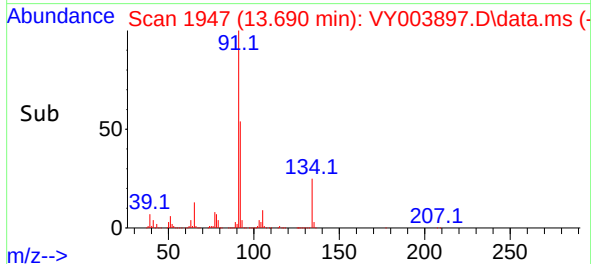
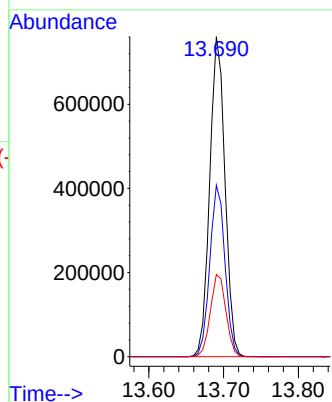


Tgt Ion: 91 Resp: 1077425

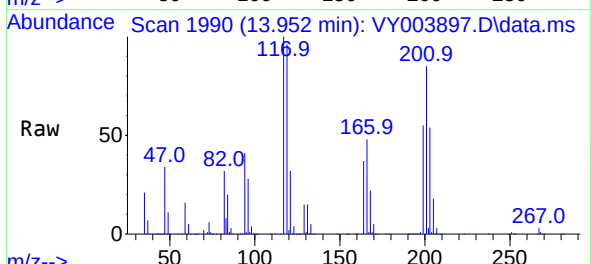
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.7	80.1
134	26.2	13.9	41.7

Manual Integrations
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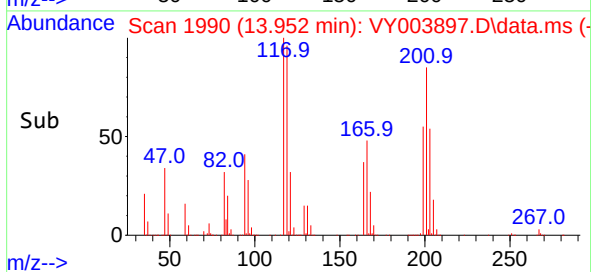
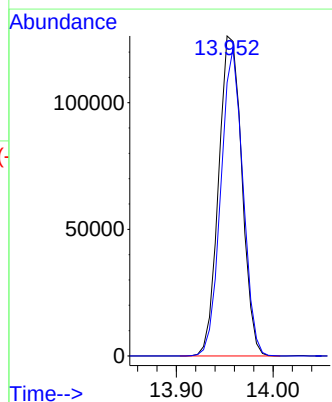


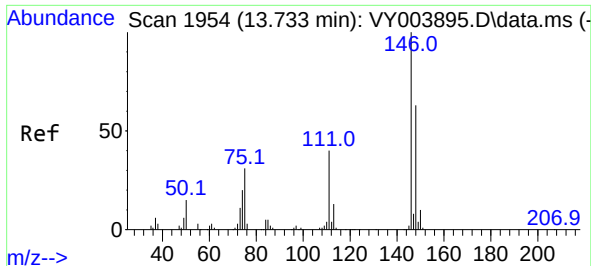
#90
Hexachloroethane
Concen: 154.79 ug/l
RT: 13.952 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



Tgt Ion: 117 Resp: 210469

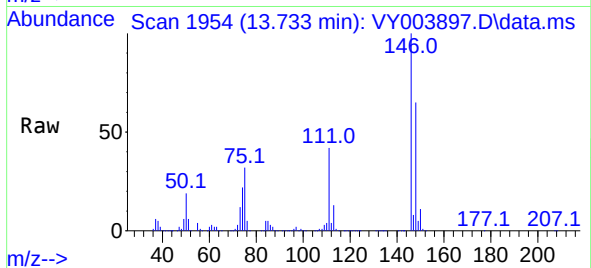
Ion	Ratio	Lower	Upper
117	100		
201	91.1	46.7	140.1





#91
1,2-Dichlorobenzene
Concen: 148.71 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

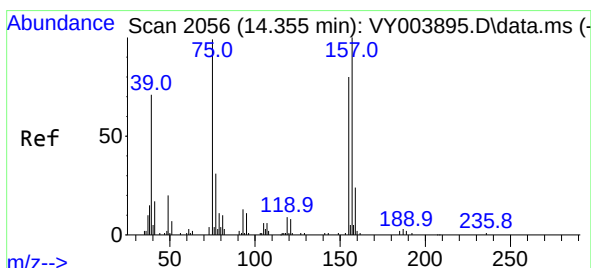
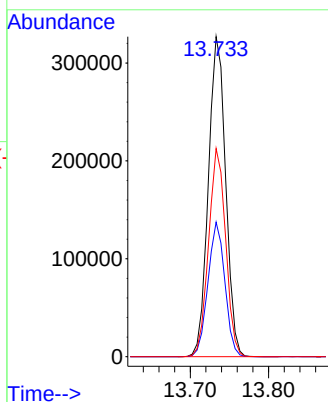
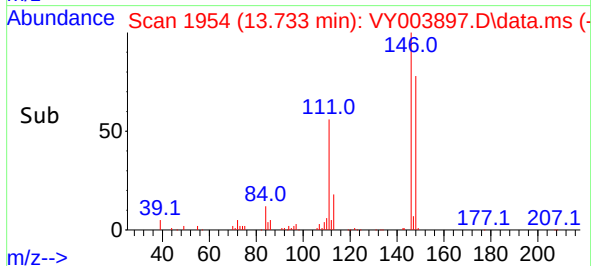
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150



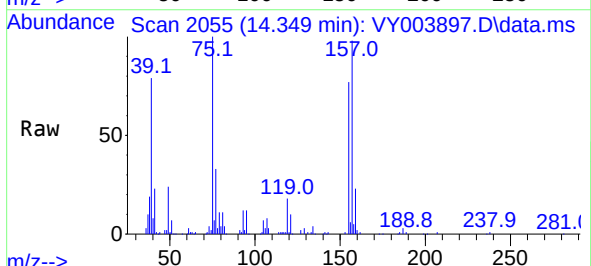
Tgt Ion:146 Resp: 500348
Ion Ratio Lower Upper
146 100
111 41.1 19.4 58.4
148 64.3 32.0 96.0

Manual Integrations
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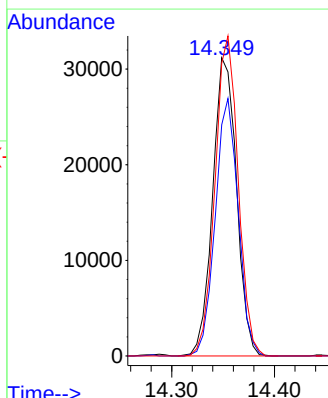
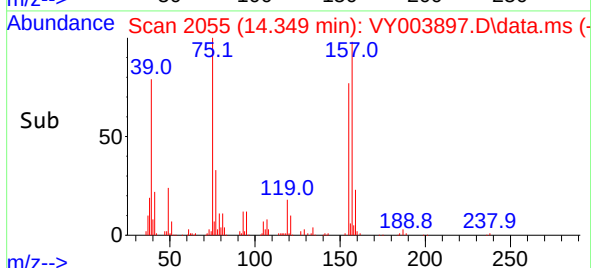
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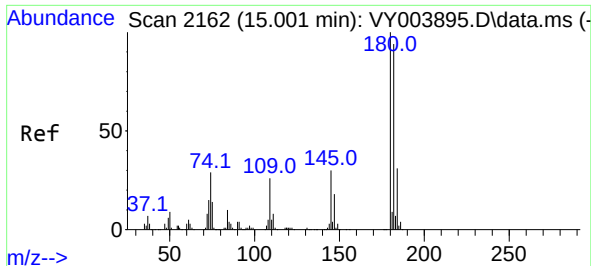


#92
1,2-Dibromo-3-Chloropropane
Concen: 174.09 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31



Tgt Ion: 75 Resp: 50240
Ion Ratio Lower Upper
75 100
155 83.1 47.3 141.8
157 104.2 56.8 170.4





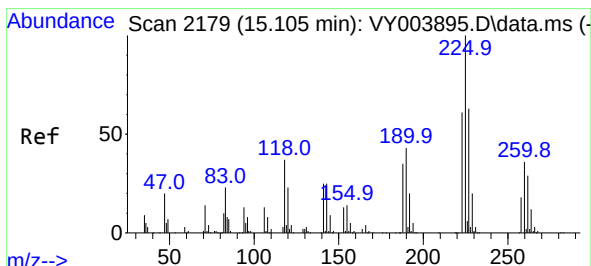
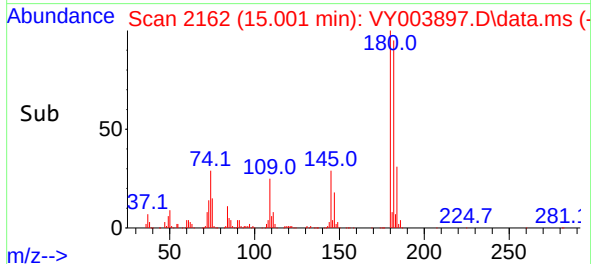
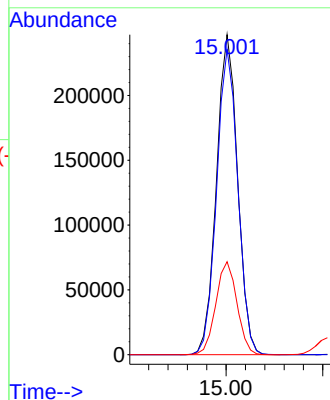
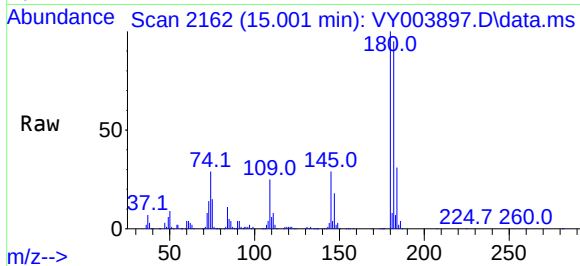
#93
1,2,4-Trichlorobenzene
Concen: 151.20 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:	180	Resp:	373865
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.8	143.3
145	29.1	14.2	42.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

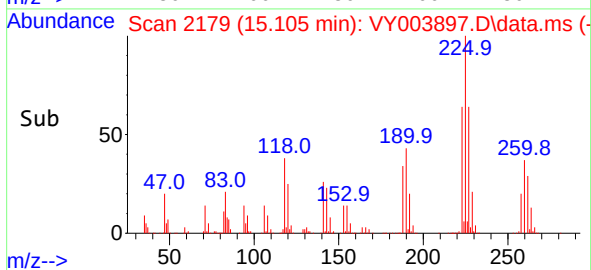
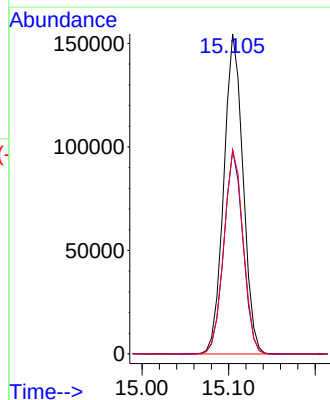
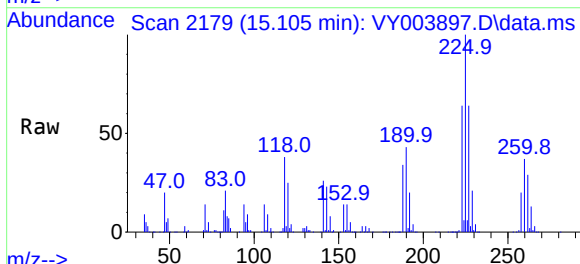
Manual Integrations
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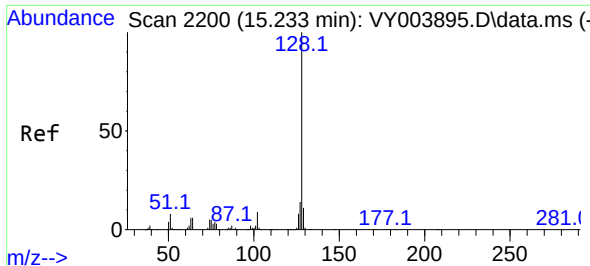
MMDadoda
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#94
Hexachlorobutadiene
Concen: 143.13 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:	225	Resp:	238193
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.2	93.6
227	64.0	31.9	95.9





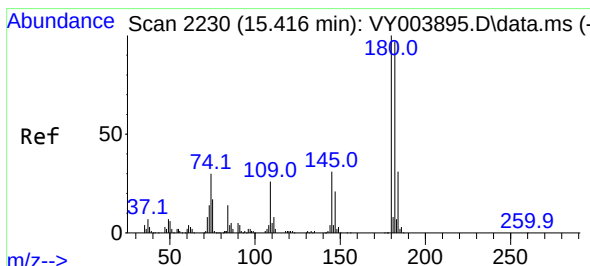
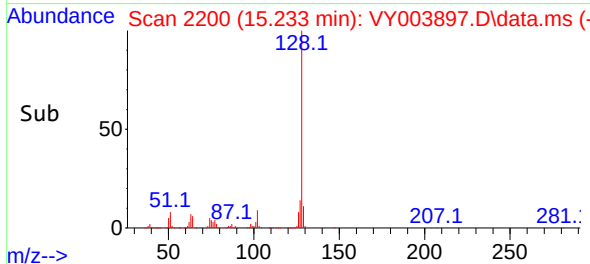
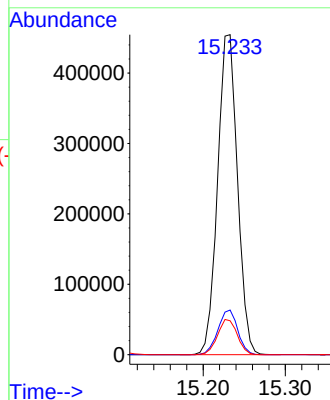
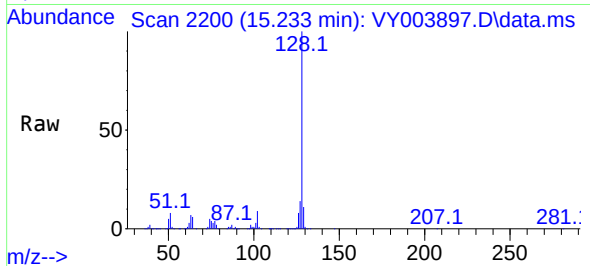
#95
Naphthalene
Concen: 174.31 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:128 Resp: 762847
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 11.0 8.7 13.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
1/13/2021 4:36:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 153.82 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. 0.000 min
Lab File: VY003897.D
Acq: 12 Jan 2021 11:31

Tgt Ion:180 Resp: 331131
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.4
145 31.1 14.8 44.4

