

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003931.D
 Acq On : 14 Jan 2021 19:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 5:45:24 PM

Quant Time: Jan 15 01:00:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	171121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	155399	58.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.92%			
35) Dibromofluoromethane	7.722	113	124858	56.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.58%			
50) Toluene-d8	10.179	98	497996	55.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.80%			
62) 4-Bromofluorobenzene	12.477	95	177353	54.51	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.02%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	104225	49.42	ug/l	98
3) Chloromethane	2.113	50	169849	66.02	ug/l	99
4) Vinyl Chloride	2.253	62	182946	59.77	ug/l	100
5) Bromomethane	2.662	94	124003	56.31	ug/l	96
6) Chloroethane	2.796	64	121101	64.27	ug/l	97
7) Trichlorofluoromethane	3.131	101	212519	53.04	ug/l	100
8) Diethyl Ether	3.534	74	77202	60.07	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	117239	56.46	ug/l	91
10) Methyl Iodide	4.094	142	137262	55.55	ug/l	99
11) Tert butyl alcohol	5.003	59	56911m	205.93	ug/l	
12) 1,1-Dichloroethene	3.881	96	117796	58.09	ug/l	86
13) Acrolein	3.741	56	63892	242.98	ug/l	98
14) Allyl chloride	4.485	41	255242	58.16	ug/l	96
15) Acrylonitrile	5.180	53	203790	283.60	ug/l	100
16) Acetone	3.972	43	152930	232.66	ug/l	97
17) Carbon Disulfide	4.198	76	385980	57.14	ug/l	100
18) Methyl Acetate	4.491	43	97195	55.60	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	378636	59.97	ug/l	98
20) Methylene Chloride	4.722	84	145835	59.22	ug/l #	86
21) trans-1,2-Dichloroethene	5.228	96	135068	58.12	ug/l	87
22) Diisopropyl ether	6.131	45	536938	62.77	ug/l	96
23) Vinyl Acetate	6.070	43	1806756	304.97	ug/l	97
24) 1,1-Dichloroethane	6.027	63	264075	61.62	ug/l	99
25) 2-Butanone	7.002	43	261289	255.13	ug/l	91
26) 2,2-Dichloropropane	6.984	77	220513	55.01	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	154819	60.41	ug/l	92
28) Bromochloromethane	7.338	49	125536	63.10	ug/l #	78
29) Tetrahydrofuran	7.356	42	185438	269.32	ug/l	95
30) Chloroform	7.508	83	257272	59.79	ug/l	99
31) Cyclohexane	7.789	56	248292	55.70	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	224669	56.04	ug/l	97
36) 1,1-Dichloropropene	7.923	75	202161	54.90	ug/l	97
37) Ethyl Acetate	7.082	43	148151	59.78	ug/l	95
38) Carbon Tetrachloride	7.905	117	192059	49.27	ug/l	99
39) Methylcyclohexane	9.185	83	247476	55.87	ug/l	96
40) Benzene	8.161	78	580700	57.57	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003931.D
 Acq On : 14 Jan 2021 19:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 5:45:24 PM

Quant Time: Jan 15 01:00:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	72776m	52.22	ug/l	
42) 1,2-Dichloroethane	8.240	62	189591	54.62	ug/l	99
43) Isopropyl Acetate	8.277	43	267461	56.68	ug/l	95
44) Trichloroethene	8.941	130	146097	52.96	ug/l	89
45) 1,2-Dichloropropane	9.215	63	155306	59.39	ug/l	96
46) Dibromomethane	9.307	93	80800	55.61	ug/l	89
47) Bromodichloromethane	9.496	83	206509	56.94	ug/l	99
48) Methyl methacrylate	9.295	41	123582	55.33	ug/l	95
49) 1,4-Dioxane	9.319	88	19318	981.81	ug/l #	69
51) 4-Methyl-2-Pentanone	10.069	43	693756	277.21	ug/l	97
52) Toluene	10.240	92	354926	55.55	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	221537	56.56	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	249885	58.48	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	113608	57.61	ug/l	95
56) Ethyl methacrylate	10.508	69	175819	59.26	ug/l	93
57) 1,3-Dichloropropane	10.788	76	207479	57.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	417009	283.10	ug/l	93
59) 2-Hexanone	10.831	43	477685	274.18	ug/l	96
60) Dibromochloromethane	10.983	129	135894	53.22	ug/l	98
61) 1,2-Dibromoethane	11.087	107	109544	56.57	ug/l	99
64) Tetrachloroethene	10.715	164	150288	49.35	ug/l	94
65) Chlorobenzene	11.514	112	367057	55.30	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	139817	55.20	ug/l	97
67) Ethyl Benzene	11.587	91	703746	56.45	ug/l	96
68) m/p-Xylenes	11.697	106	513621	111.16	ug/l	96
69) o-Xylene	12.026	106	243102	56.13	ug/l	97
70) Styrene	12.044	104	412733	55.56	ug/l	97
71) Bromoform	12.203	173	84749	50.90	ug/l #	100
73) Isopropylbenzene	12.325	105	657869	56.06	ug/l	98
74) N-amyl acetate	12.142	43	251289	59.85	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	134883	60.57	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	94420m	53.40	ug/l	
77) Bromobenzene	12.605	156	152721	53.30	ug/l	81
78) n-propylbenzene	12.666	91	801110	57.01	ug/l	96
79) 2-Chlorotoluene	12.751	91	453185	57.21	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	554111	54.58	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	52455	56.32	ug/l #	93
82) 4-Chlorotoluene	12.849	91	473921	56.22	ug/l	95
83) tert-Butylbenzene	13.074	119	468772	54.54	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	561076	55.71	ug/l	97
85) sec-Butylbenzene	13.251	105	658189	55.69	ug/l	96
86) p-Isopropyltoluene	13.367	119	592033	53.18	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	287543	52.02	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	288339	53.17	ug/l	98
89) n-Butylbenzene	13.690	91	579477	54.80	ug/l	98
90) Hexachloroethane	13.958	117	113000	56.05	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	260911	53.95	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24289	51.81	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	171630	48.16	ug/l	98
94) Hexachlorobutadiene	15.105	225	106511	45.19	ug/l	98
95) Naphthalene	15.233	128	355368	52.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	149349	47.60	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
Data File : VY003931.D
Acq On : 14 Jan 2021 19:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

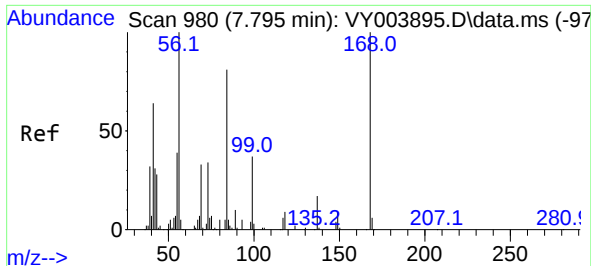
Manual Integrations
APPROVED

MMDadoda
1/15/2021 5:45:24 PM

Quant Time: Jan 15 01:00:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration

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

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



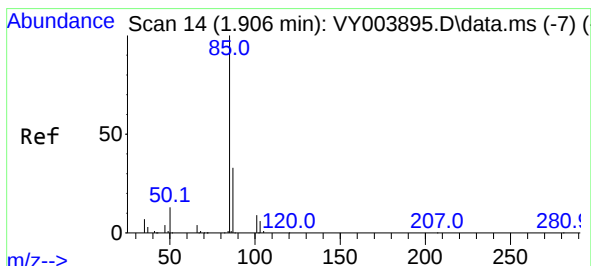
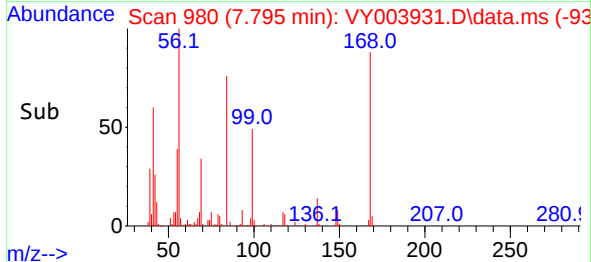
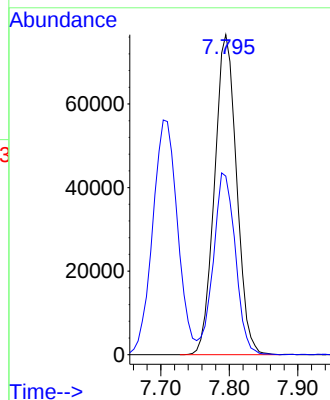
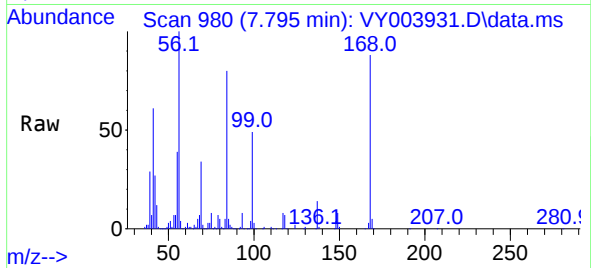
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 168 Resp: 171121
Ion Ratio Lower Upper
168 100
99 55.8 40.4 60.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

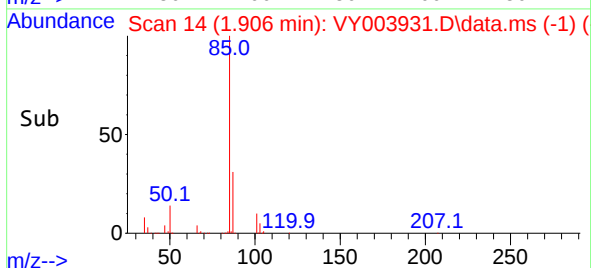
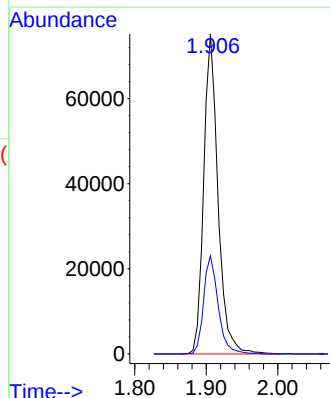
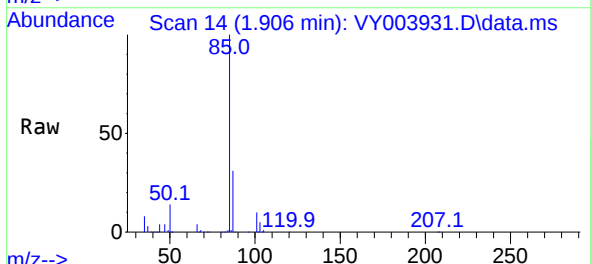
Manual Integrations
APPROVED

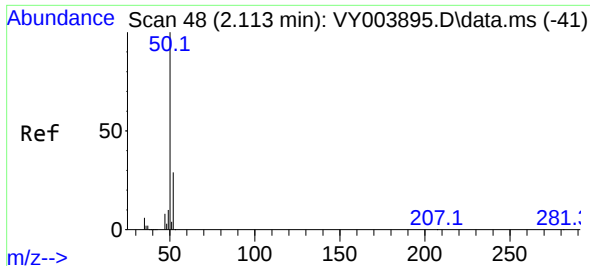
MMDadoda
1/15/2021 5:45:24 PM



#2
Dichlorodifluoromethane
Concen: 49.42 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 85 Resp: 104225
Ion Ratio Lower Upper
85 100
87 30.7 15.9 47.7





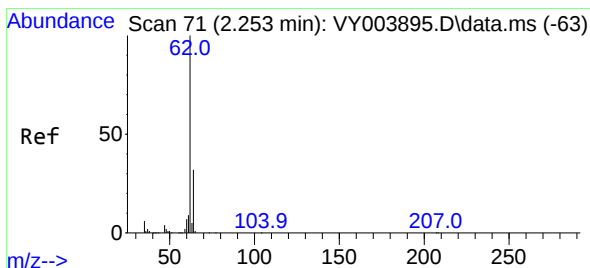
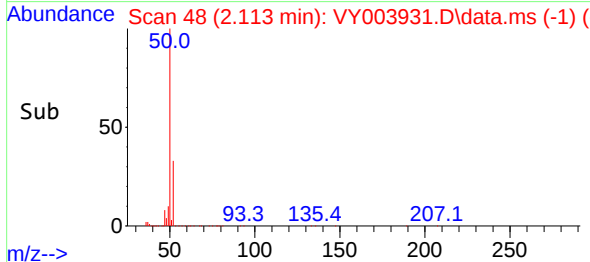
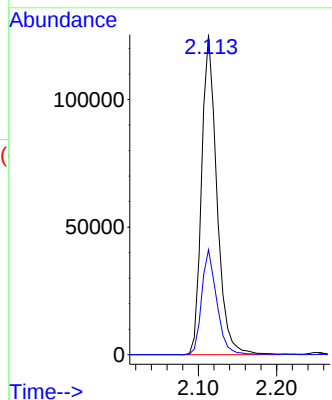
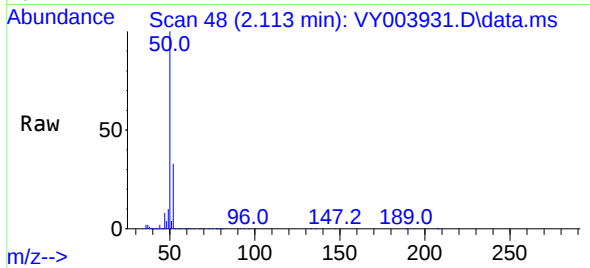
#3
Chloromethane
Concen: 66.02 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 50 Resp: 169849
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

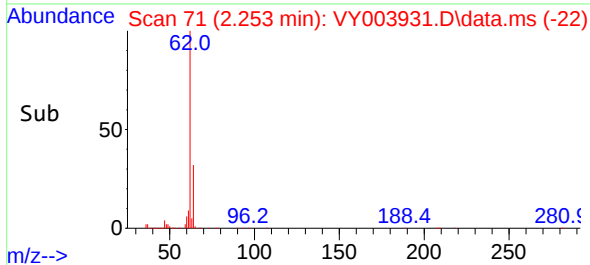
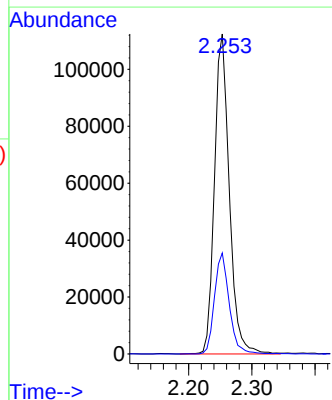
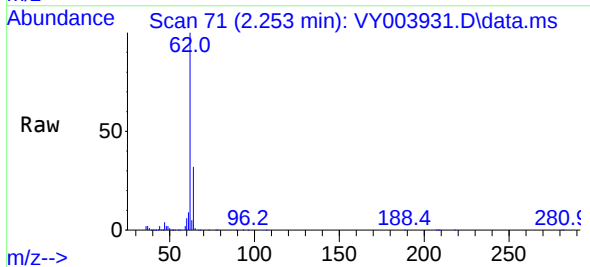
Manual Integrations
APPROVED

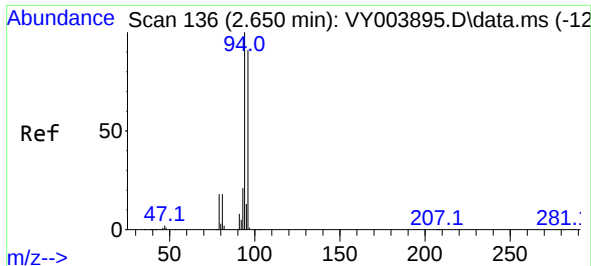
MMDadoda
1/15/2021 5:45:24 PM



#4
Vinyl Chloride
Concen: 59.77 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 62 Resp: 182946
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





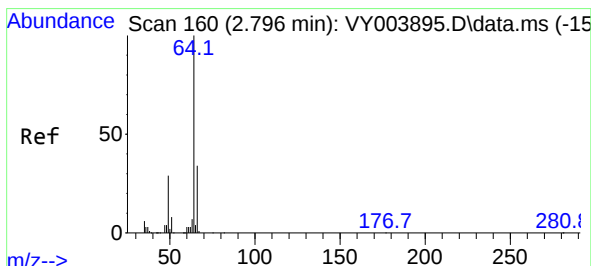
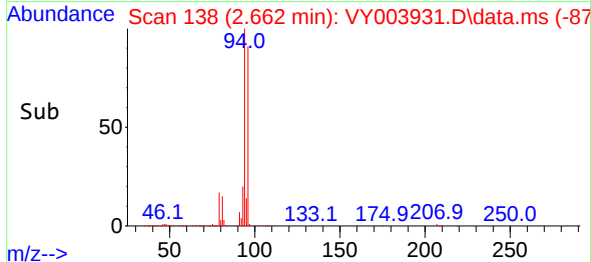
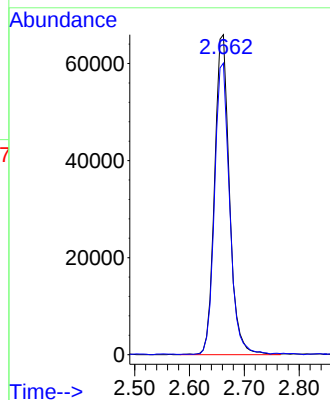
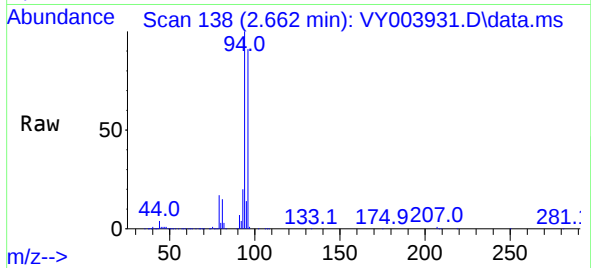
#5
Bromomethane
Concen: 56.31 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 94 Resp: 124003
Ion Ratio Lower Upper
94 100
96 91.0 76.2 114.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

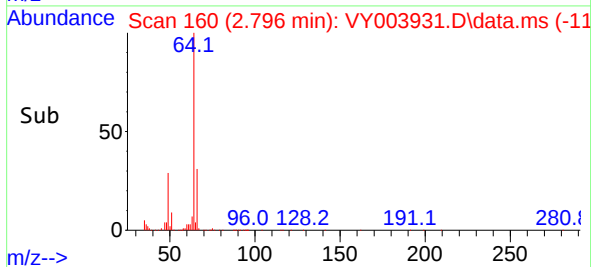
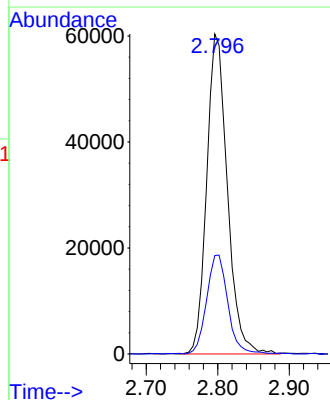
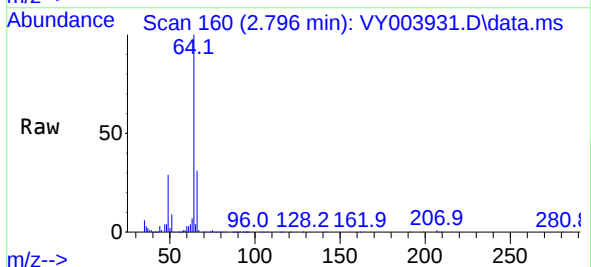
Manual Integrations
APPROVED

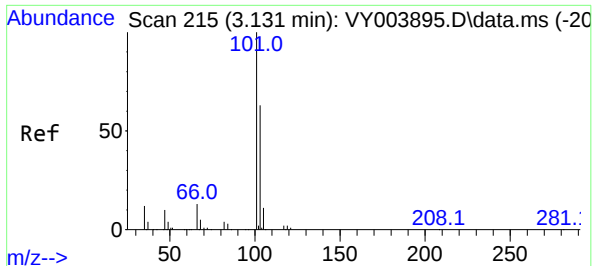
MMDadoda
1/15/2021 5:45:24 PM



#6
Chloroethane
Concen: 64.27 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 64 Resp: 121101
Ion Ratio Lower Upper
64 100
66 30.6 25.8 38.8





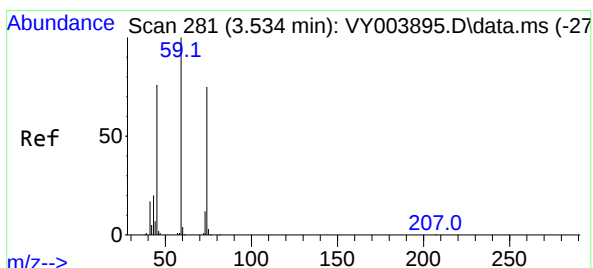
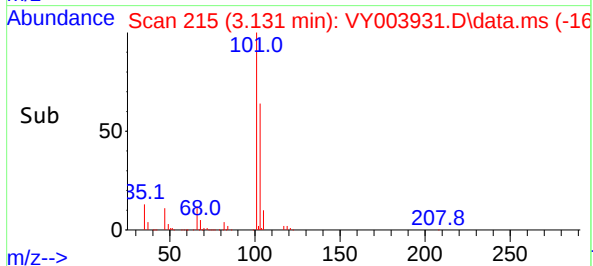
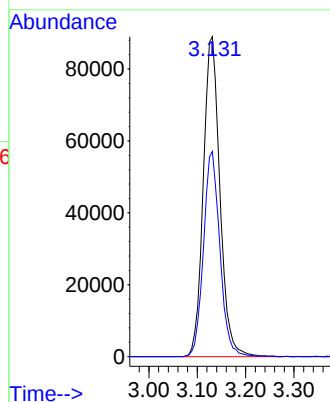
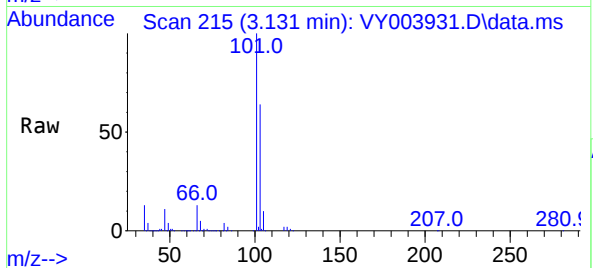
#7
Trichlorofluoromethane
Concen: 53.04 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 101 Resp: 212519
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

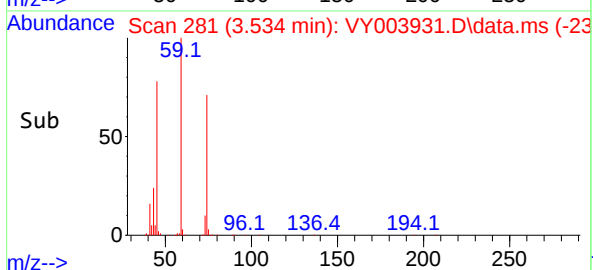
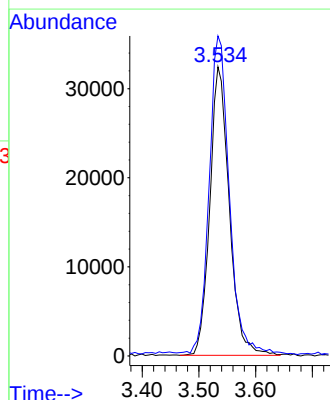
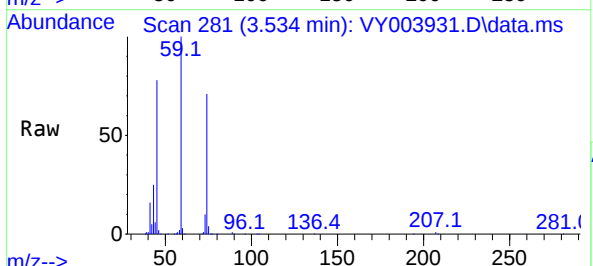
Manual Integrations
APPROVED

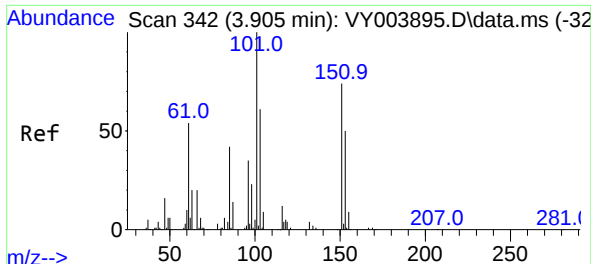
MMDadoda
1/15/2021 5:45:24 PM



#8
Diethyl Ether
Concen: 60.07 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 74 Resp: 77202
Ion Ratio Lower Upper
74 100
45 114.8 51.9 155.8





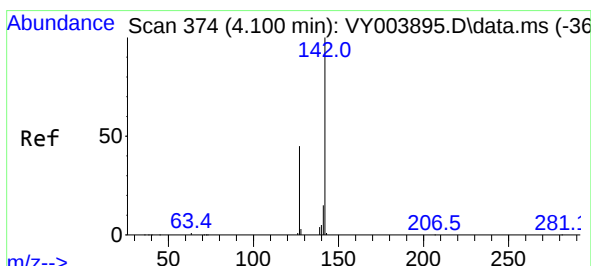
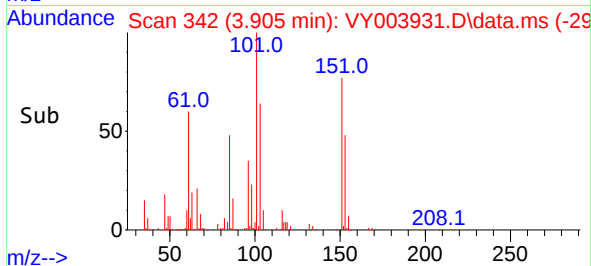
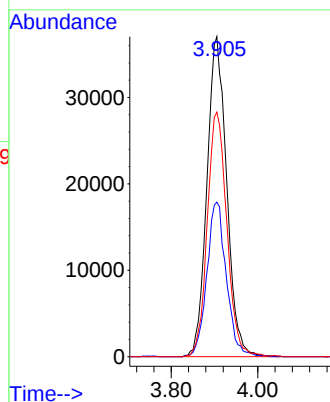
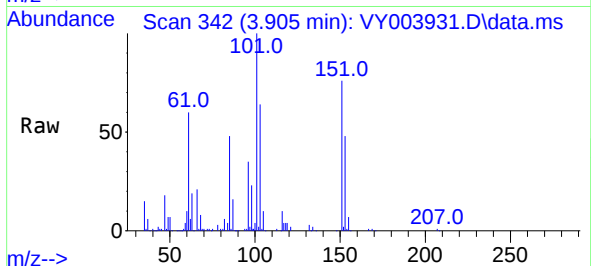
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.46 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:101 Resp: 117239
Ion Ratio Lower Upper
101 100
85 47.8 34.8 52.2
151 76.0 68.1 102.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

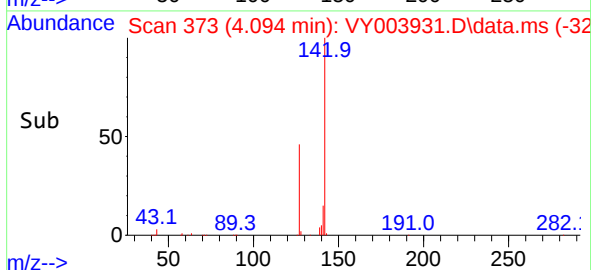
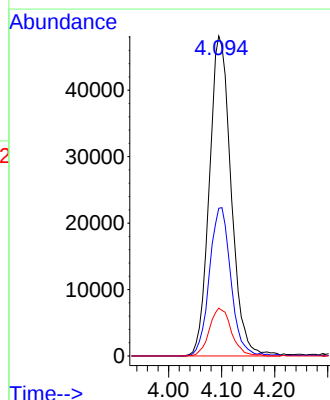
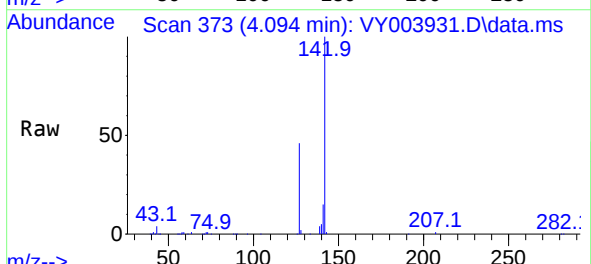
Manual Integrations
APPROVED

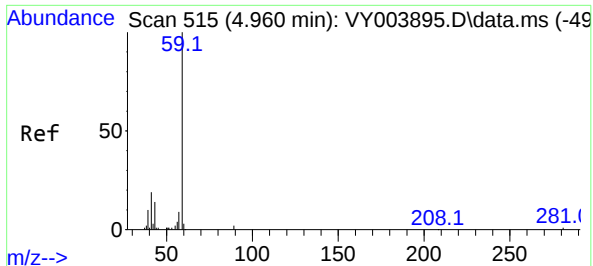
MMDadoda
1/15/2021 5:45:24 PM



#10
Methyl Iodide
Concen: 55.55 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:142 Resp: 137262
Ion Ratio Lower Upper
142 100
127 45.3 36.8 55.2
141 15.1 11.9 17.9





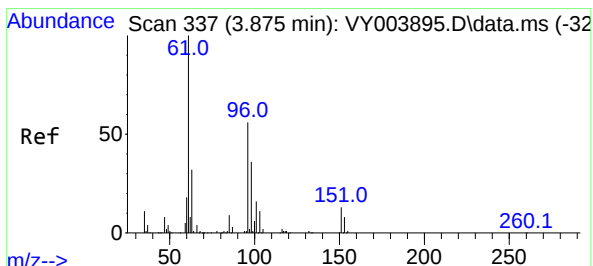
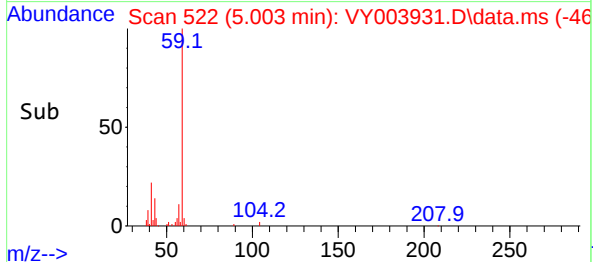
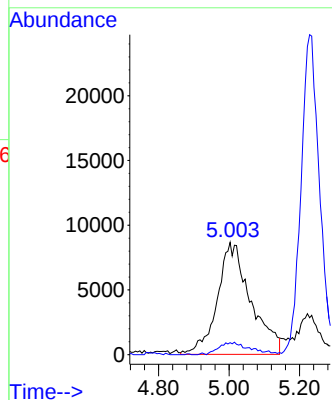
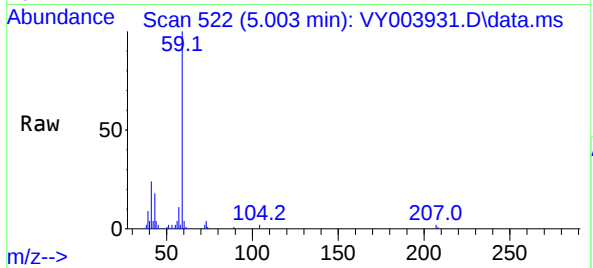
#11
Tert butyl alcohol
Concen: 205.93 ug/l m
RT: 5.003 min Scan# 522
Delta R.T. 0.043 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 59 Resp: 56911
Ion Ratio Lower Upper
59 100
57 9.5 7.9 11.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

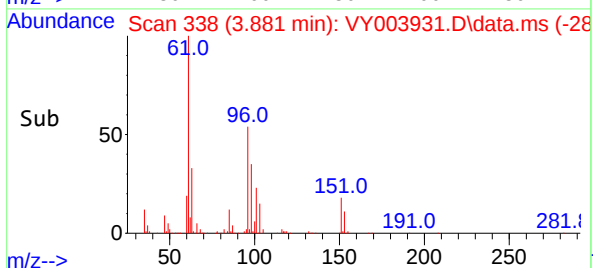
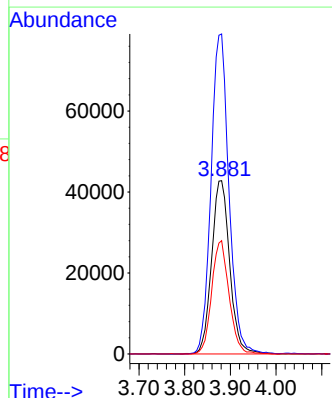
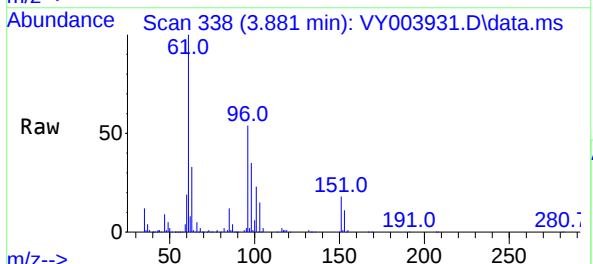
Manual Integrations
APPROVED

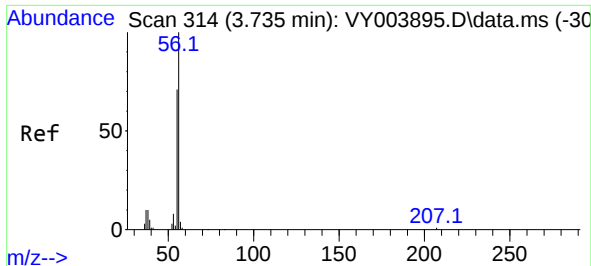
MMDadoda
1/15/2021 5:45:24 PM



#12
1,1-Dichloroethene
Concen: 58.09 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 96 Resp: 117796
Ion Ratio Lower Upper
96 100
61 184.7 128.6 192.8
98 65.4 50.2 75.2





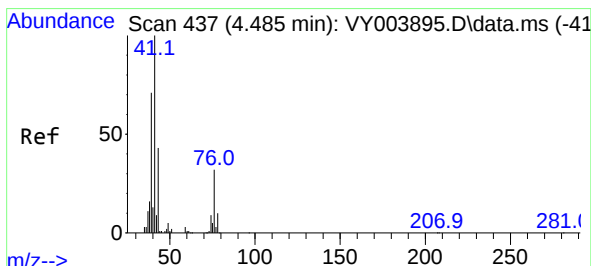
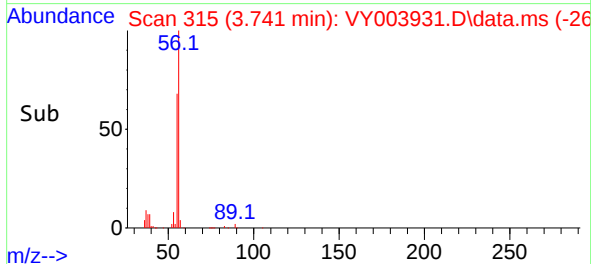
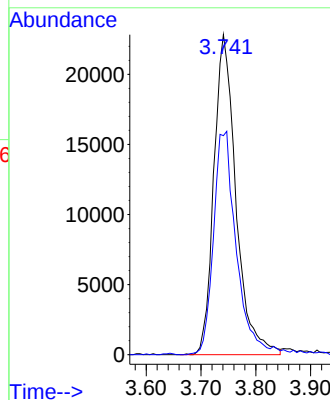
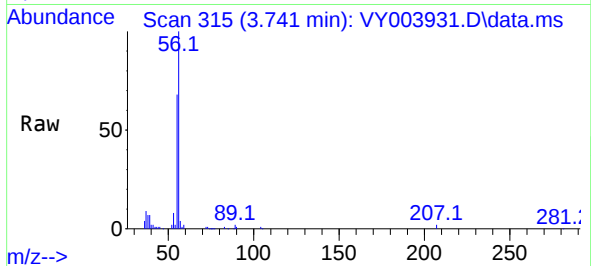
#13
Acrolein
Concen: 242.98 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 56 Resp: 63892
Ion Ratio Lower Upper
56 100
55 72.3 56.5 84.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

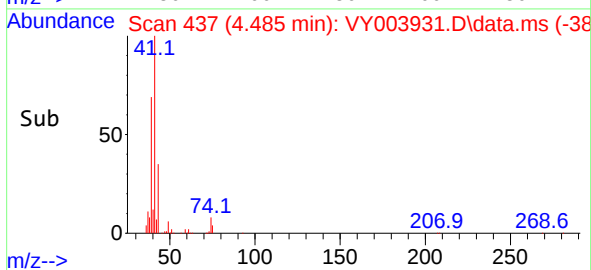
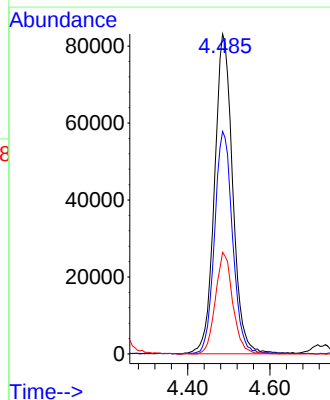
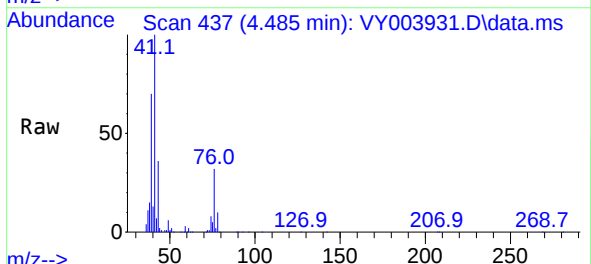
Manual Integrations
APPROVED

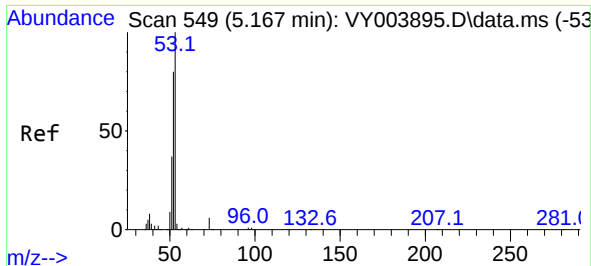
MMDadoda
1/15/2021 5:45:24 PM



#14
Allyl chloride
Concen: 58.16 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 41 Resp: 255242
Ion Ratio Lower Upper
41 100
39 68.9 52.9 79.3
76 30.3 26.8 40.2





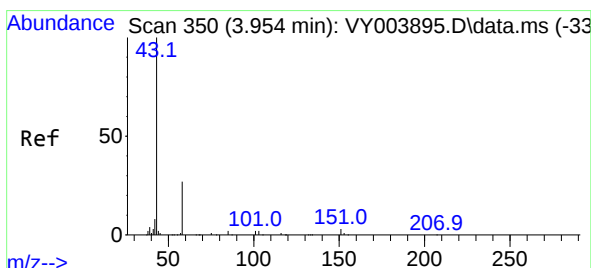
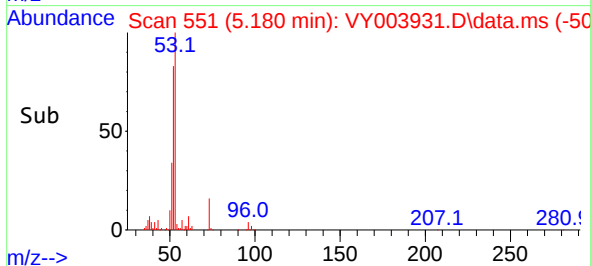
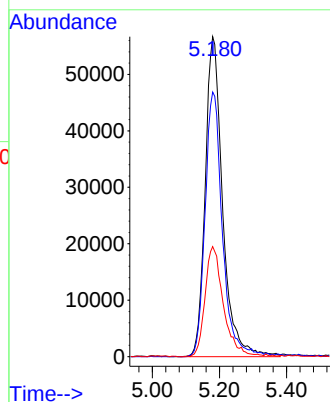
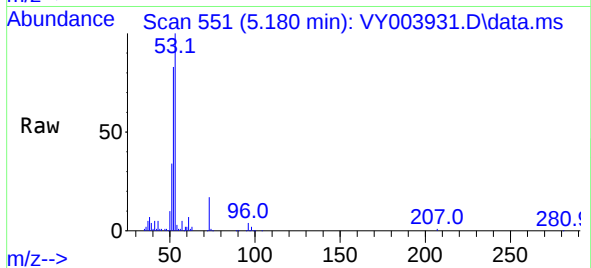
#15
Acrylonitrile
Concen: 283.60 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.012 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 53 Resp: 203790
Ion Ratio Lower Upper
53 100
52 82.2 65.4 98.2
51 36.4 29.0 43.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

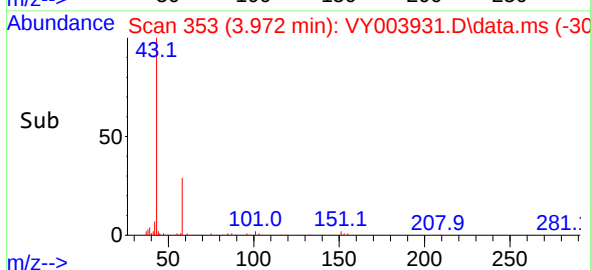
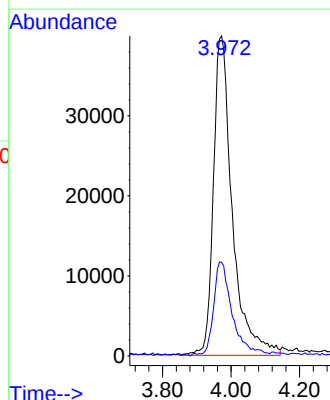
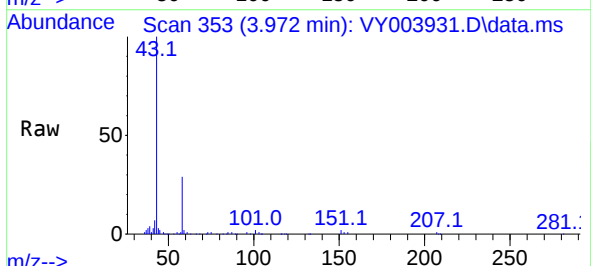
Manual Integrations
APPROVED

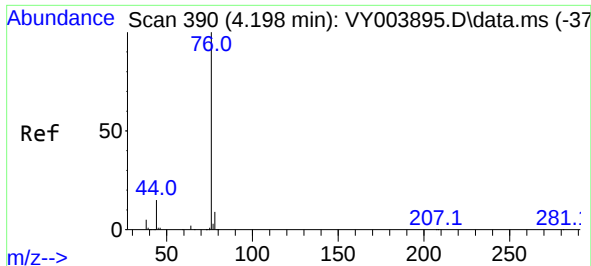
MMDadoda
1/15/2021 5:45:24 PM



#16
Acetone
Concen: 232.66 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 43 Resp: 152930
Ion Ratio Lower Upper
43 100
58 28.7 24.5 36.7





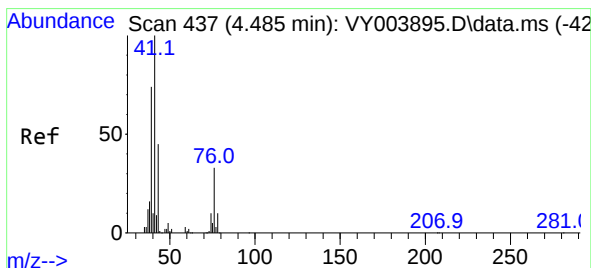
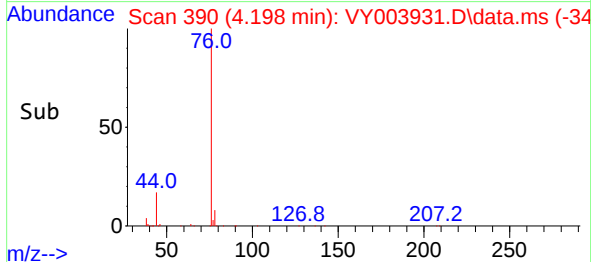
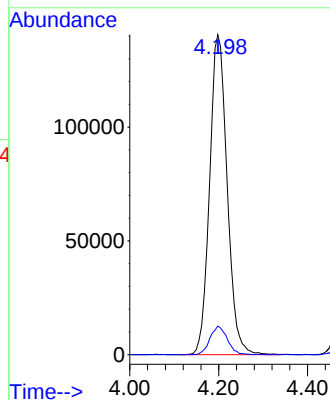
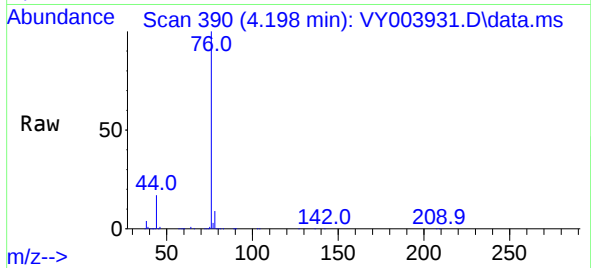
#17
Carbon Disulfide
Concen: 57.14 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 76 Resp: 385980
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

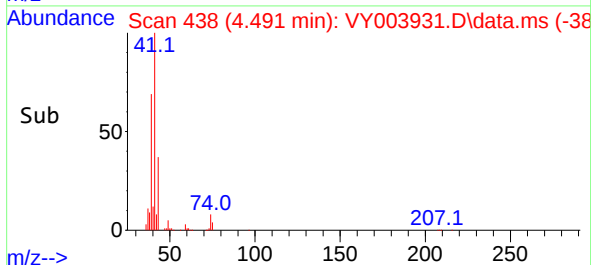
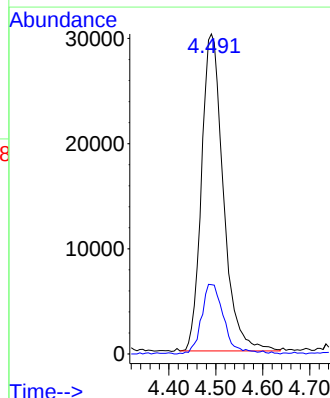
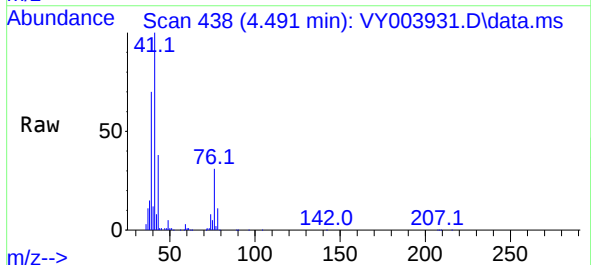
Manual Integrations
APPROVED

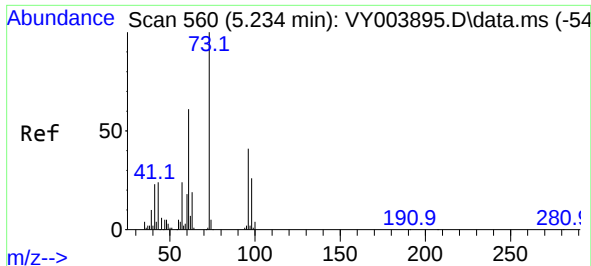
MMDadoda
1/15/2021 5:45:24 PM



#18
Methyl Acetate
Concen: 55.60 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 43 Resp: 97195
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6





#19

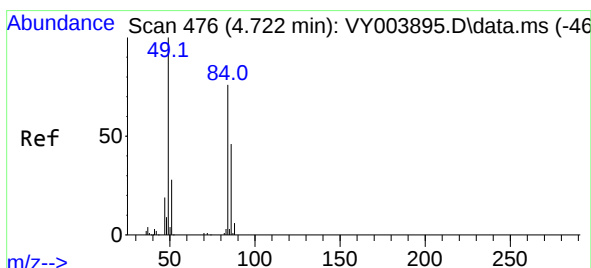
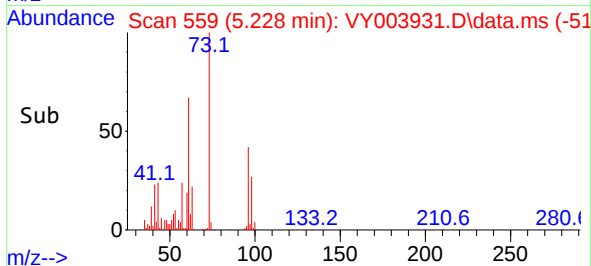
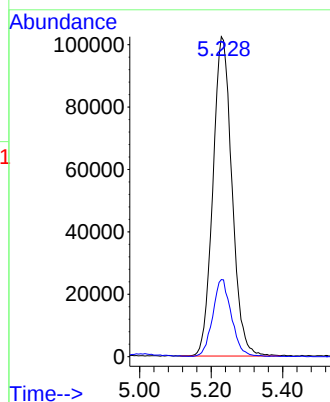
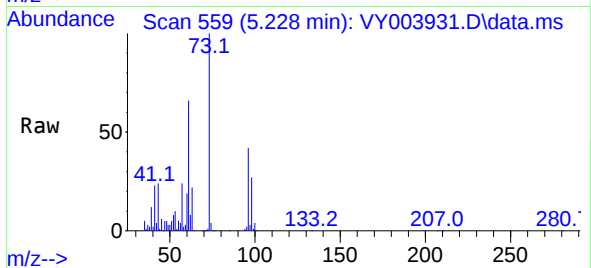
Methyl tert-butyl Ether
Concen: 59.97 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 73 Resp: 378636
Ion Ratio Lower Upper
73 100
57 24.1 18.3 27.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

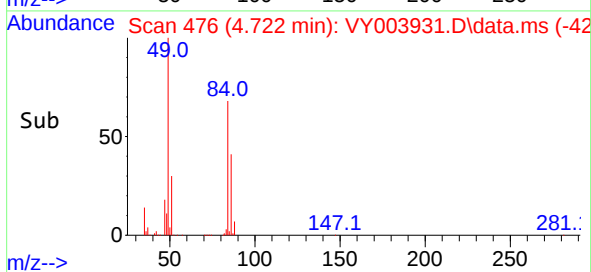
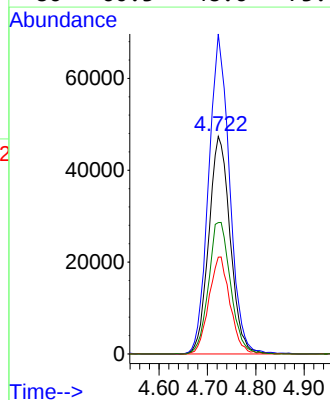
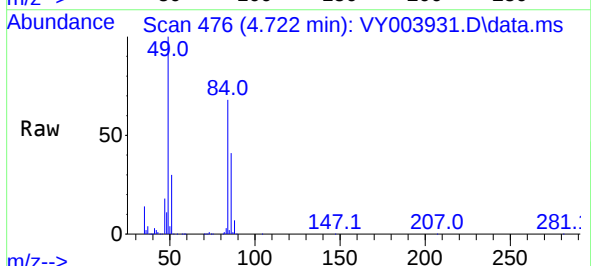
MMDadoda
1/15/2021 5:45:24 PM

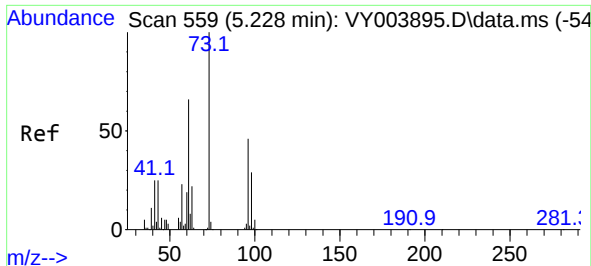


#20

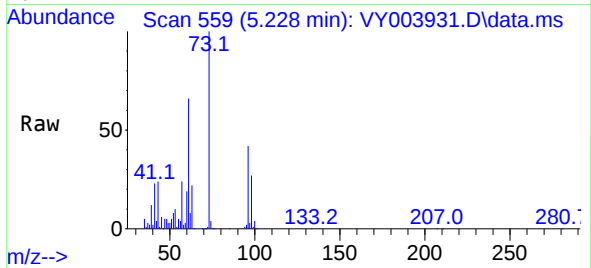
Methylene Chloride
Concen: 59.22 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 84 Resp: 145835
Ion Ratio Lower Upper
84 100
49 147.0 98.0 147.0#
51 44.5 30.5 45.7
86 60.3 48.6 73.0

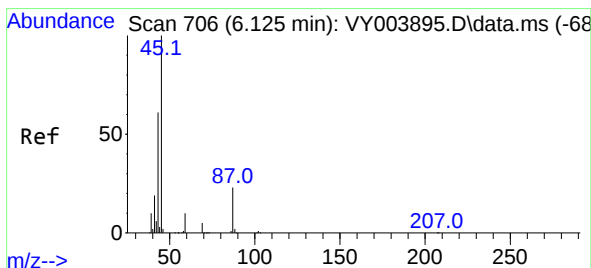
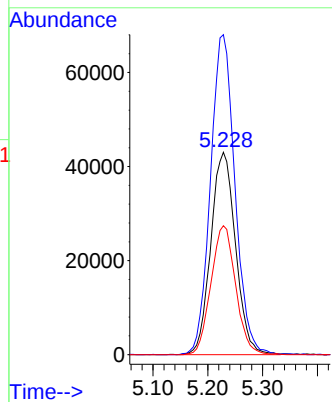
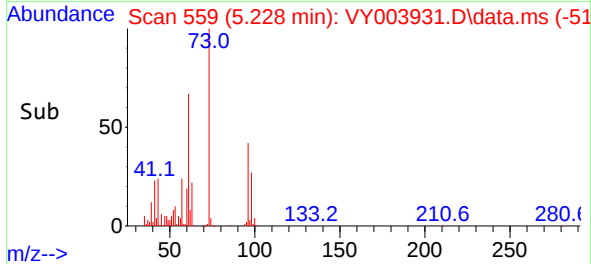




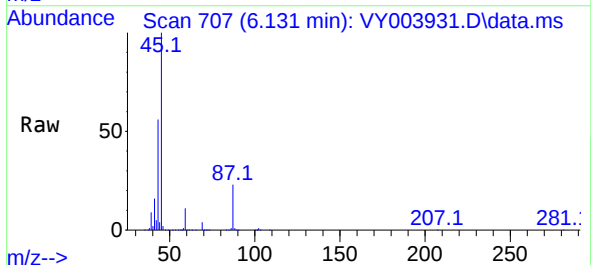
#21
trans-1,2-Dichloroethene
Concen: 58.12 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



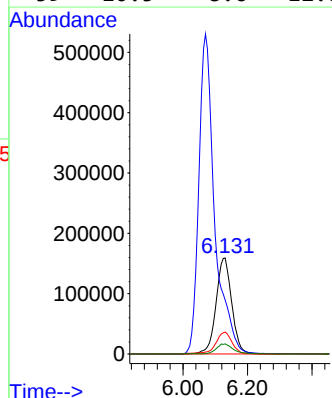
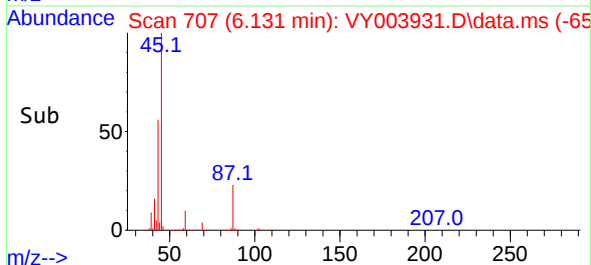
Tgt Ion: 96 Resp: 135068
Ion Ratio Lower Upper
96 100
61 157.9 110.4 165.6
98 63.7 47.4 71.2



#22
Diisopropyl ether
Concen: 62.77 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



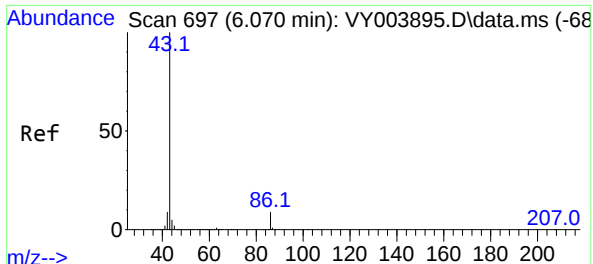
Tgt Ion: 45 Resp: 536938
Ion Ratio Lower Upper
45 100
43 56.2 46.2 69.4
87 22.9 21.7 32.5
59 10.5 8.6 12.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

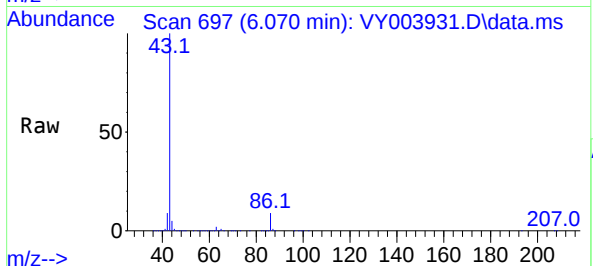
Manual Integrations
APPROVED

MMDadoda
1/15/2021 5:45:24 PM



#23
 Vinyl Acetate
 Concen: 304.97 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY003931.D
 Acq: 14 Jan 2021 19:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

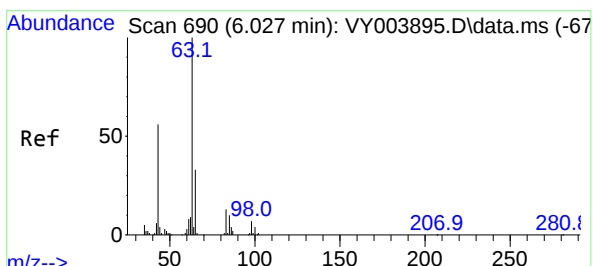
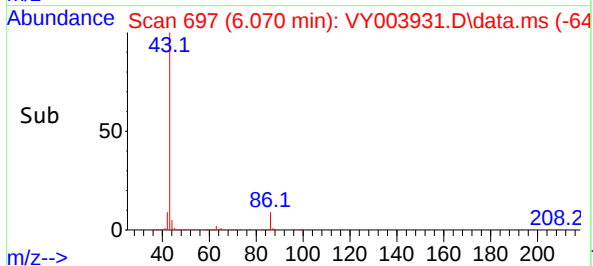
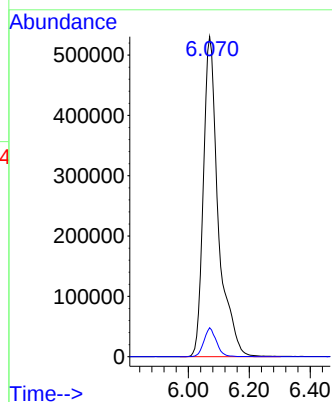


Tgt Ion: 43 Resp: 1806756

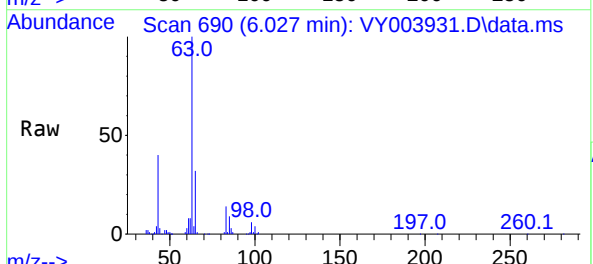
Ion	Ratio	Lower	Upper
43	100		
86	9.0	8.1	12.1

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 5:45:24 PM

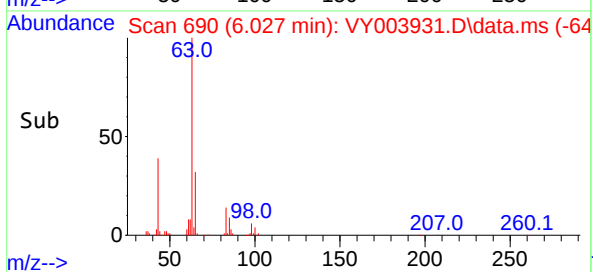
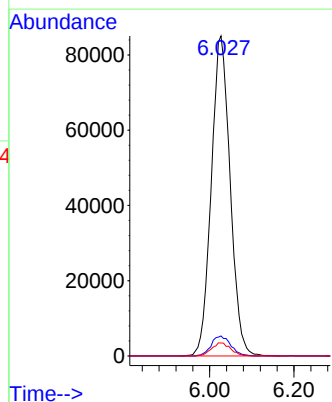


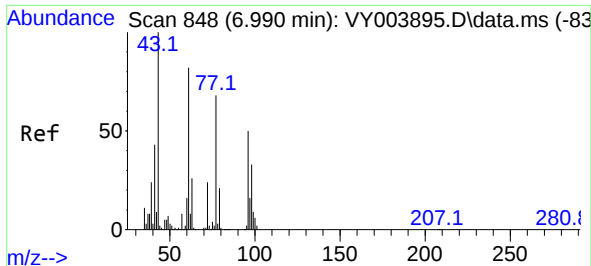
#24
 1,1-Dichloroethane
 Concen: 61.62 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY003931.D
 Acq: 14 Jan 2021 19:56



Tgt Ion: 63 Resp: 264075

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.3	9.9
100	4.1	2.1	6.3





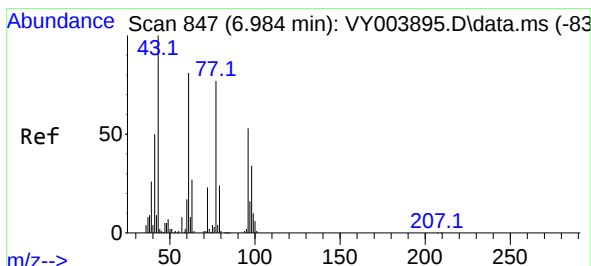
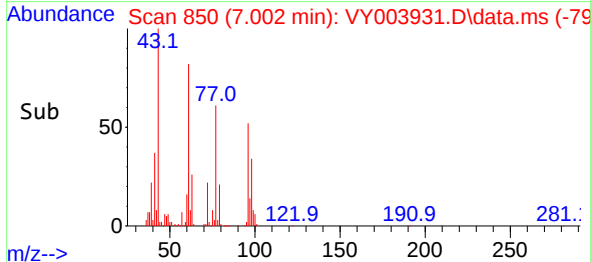
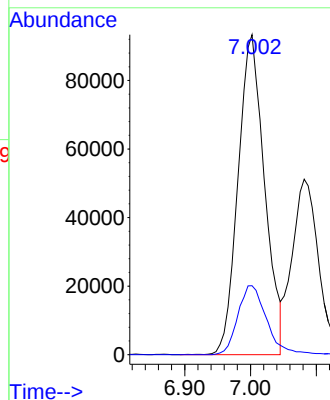
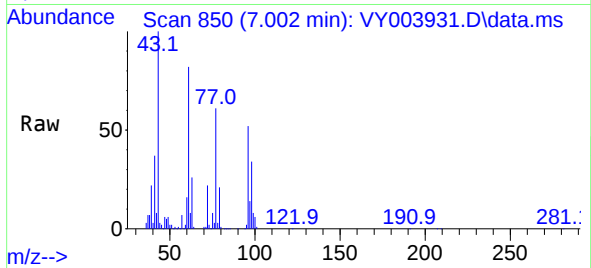
#25
2-Butanone
Concen: 255.13 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 43 Resp: 261289
Ion Ratio Lower Upper
43 100
72 21.6 21.0 31.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

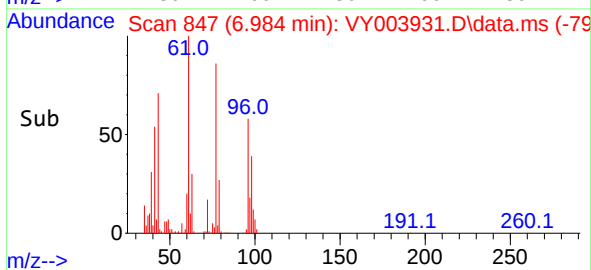
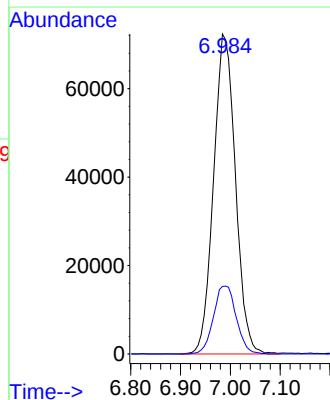
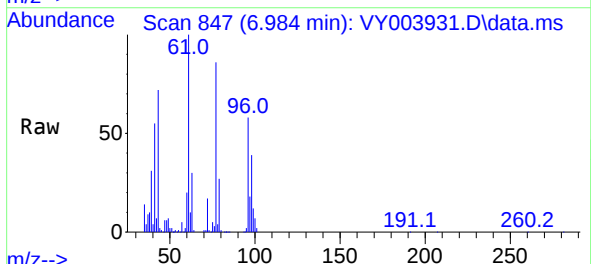
Manual Integrations
APPROVED

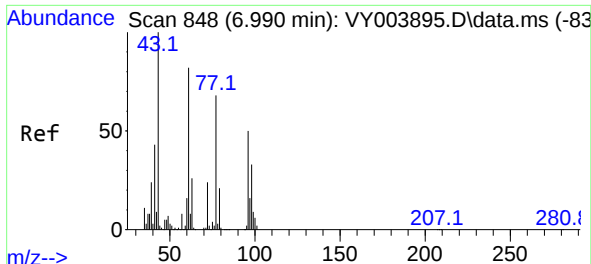
MMDadoda
1/15/2021 5:45:24 PM



#26
2,2-Dichloropropane
Concen: 55.01 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 77 Resp: 220513
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 60.41 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

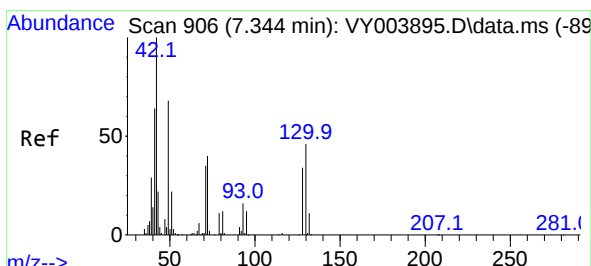
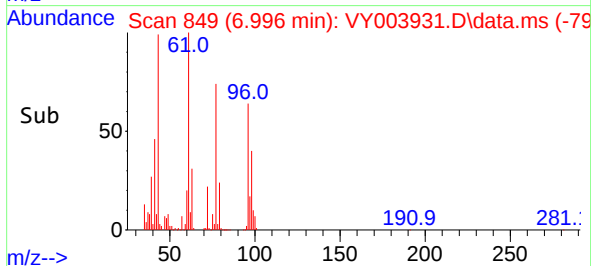
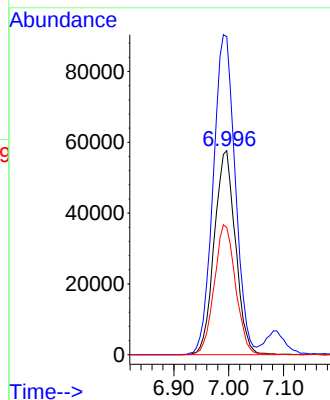
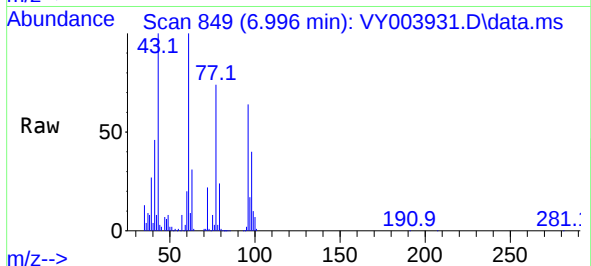
Tgt Ion: 96 Resp: 154819

Ion	Ratio	Lower	Upper
96	100		
61	163.3	0.0	297.8
98	64.1	0.0	130.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

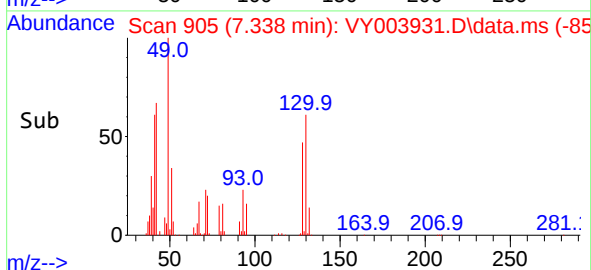
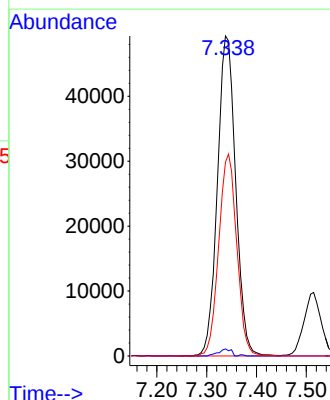
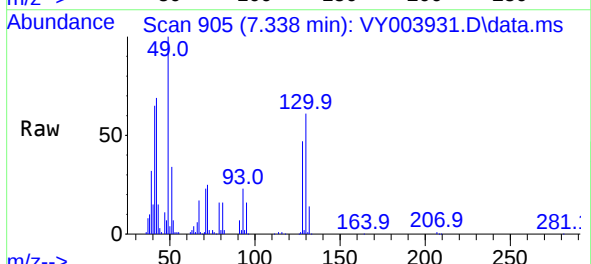
MMDadoda
1/15/2021 5:45:24 PM

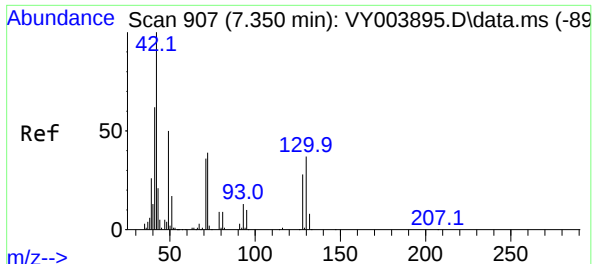


#28
Bromochloromethane
Concen: 63.10 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 49 Resp: 125536

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.2
130	62.1	65.7	98.5





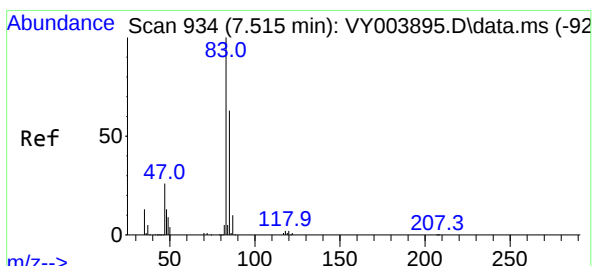
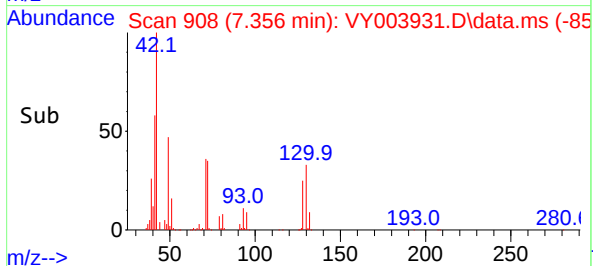
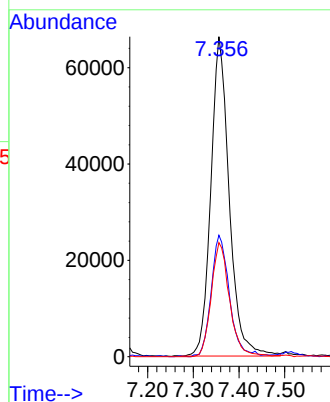
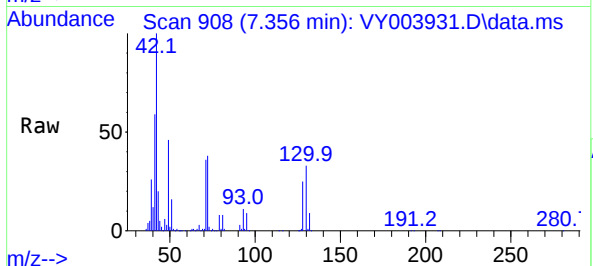
#29
Tetrahydrofuran
Concen: 269.32 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:	42	Resp:	185438
Ion	Ratio	Lower	Upper
42	100		
72	37.7	32.3	48.5
71	35.5	31.0	46.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

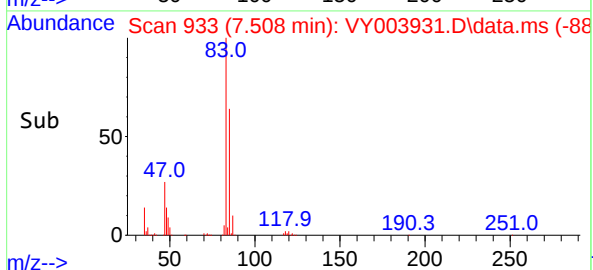
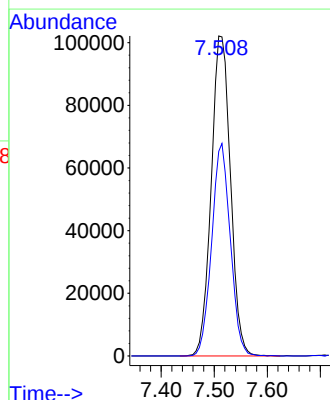
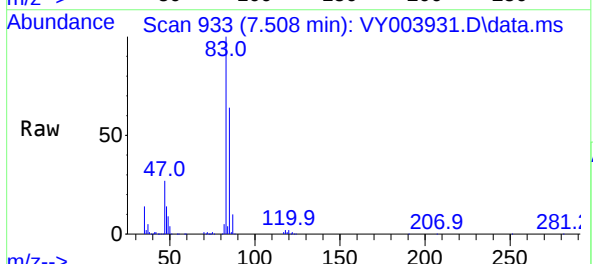
Manual Integrations
APPROVED

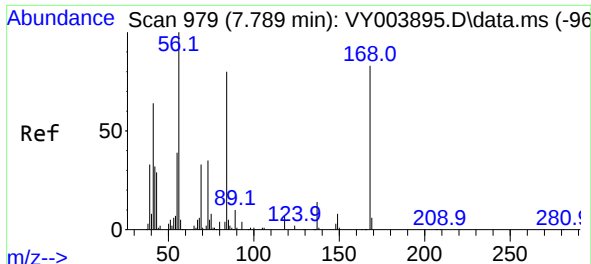
MMDadoda
1/15/2021 5:45:24 PM



#30
Chloroform
Concen: 59.79 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

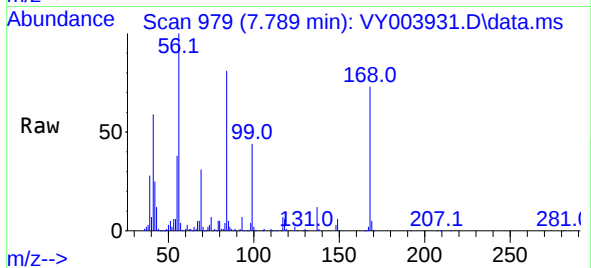
Tgt Ion:	83	Resp:	257272
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.4	75.6





#31
Cyclohexane
Concen: 55.70 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

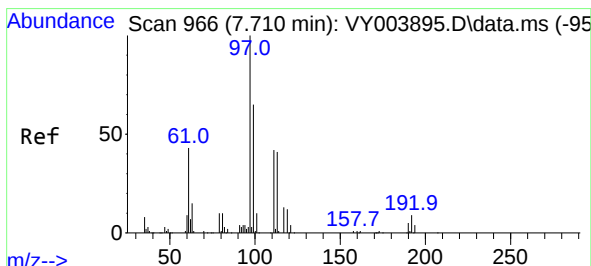
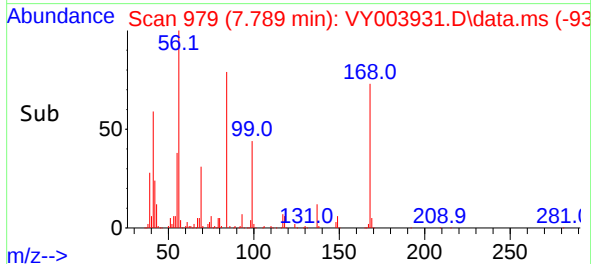
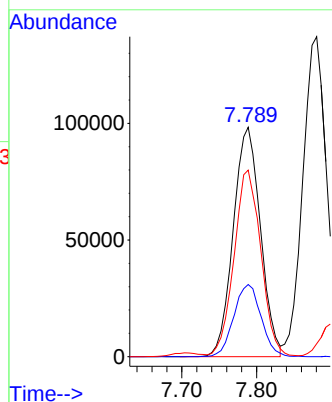
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



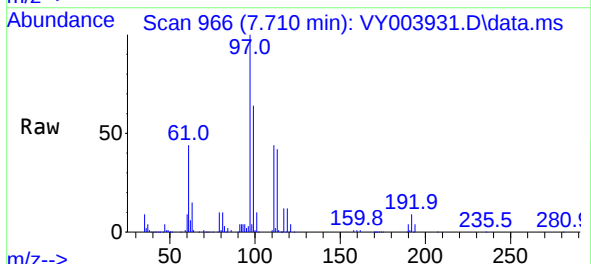
Tgt Ion: 56 Resp: 248292
Ion Ratio Lower Upper
56 100
69 31.4 26.2 39.2
84 79.9 68.2 102.2

Manual Integrations
APPROVED

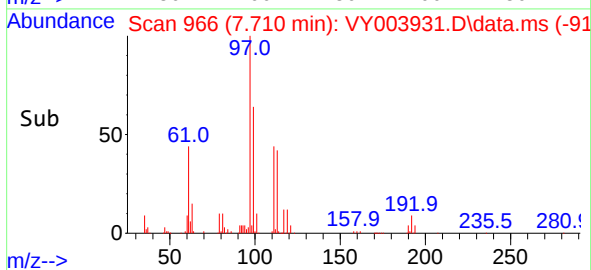
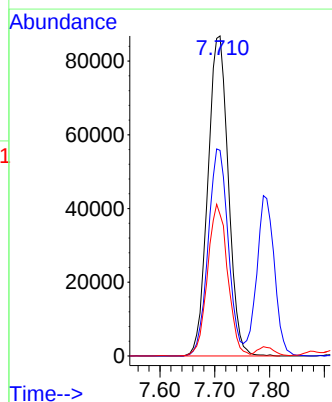
MMDadoda
1/15/2021 5:45:24 PM

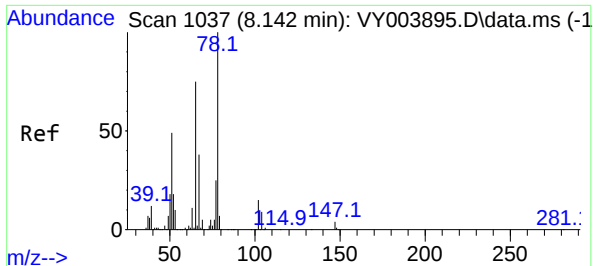


#32
1,1,1-Trichloroethane
Concen: 56.04 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



Tgt Ion: 97 Resp: 224669
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 46.6 33.4 50.0





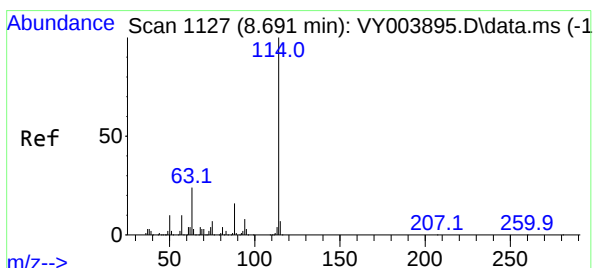
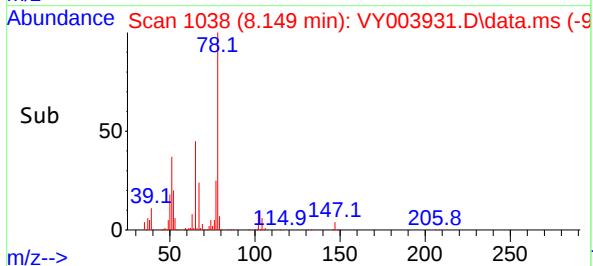
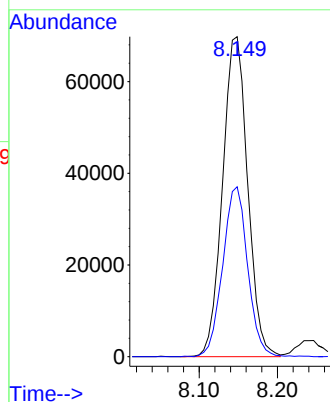
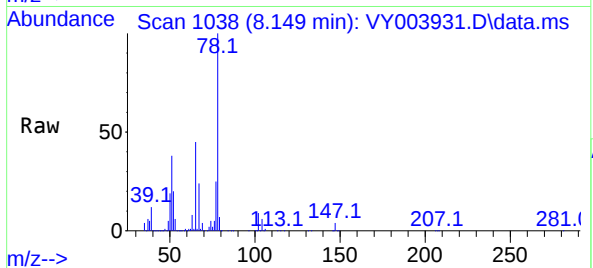
#33
1,2-Dichloroethane-d4
Concen: 58.46 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 65 Resp: 155399
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

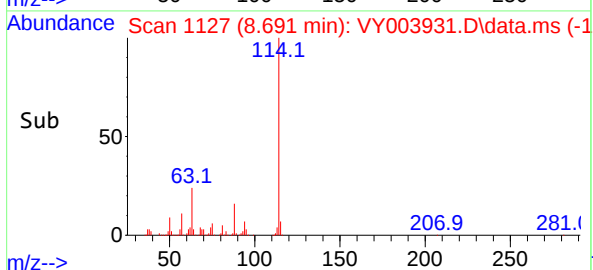
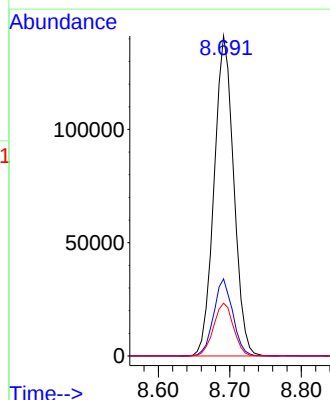
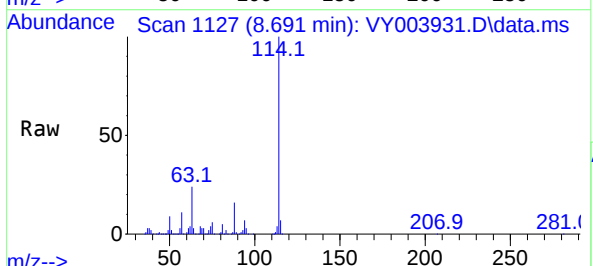
Manual Integrations
APPROVED

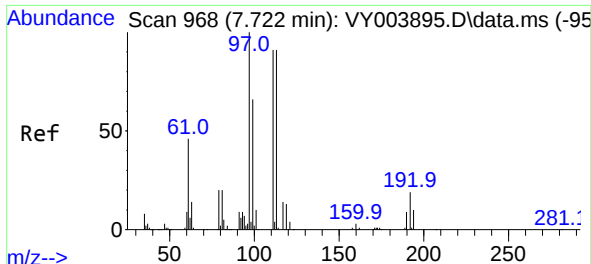
MMDadoda
1/15/2021 5:45:24 PM



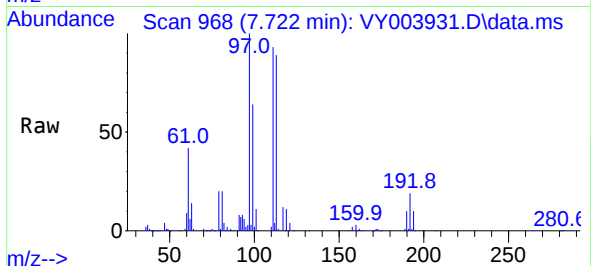
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 114 Resp: 269014
Ion Ratio Lower Upper
114 100
63 24.1 0.0 38.8
88 16.5 0.0 31.4

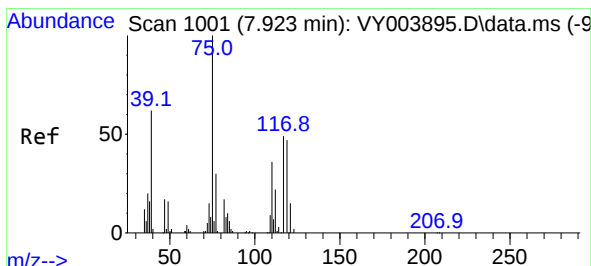
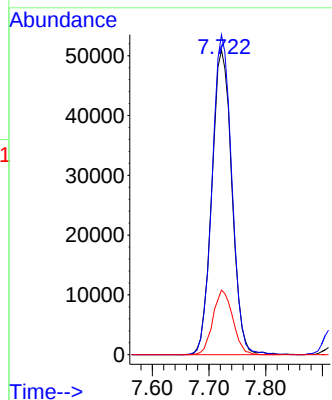
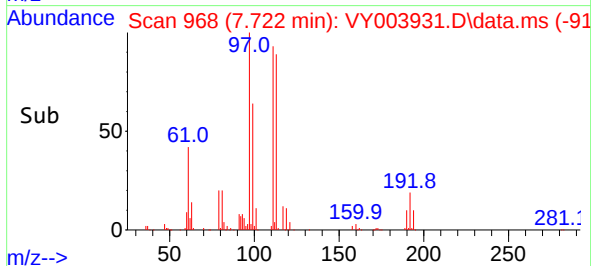




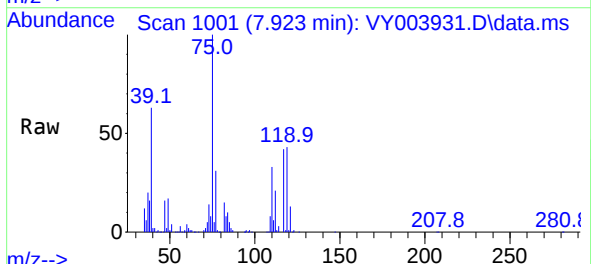
#35
Dibromofluoromethane
Concen: 56.79 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



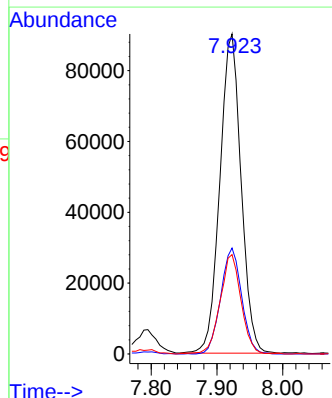
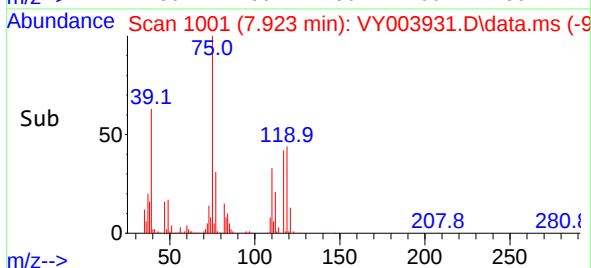
Tgt Ion:113 Resp: 124858
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 21.0 19.8 29.6



#36
1,1-Dichloropropene
Concen: 54.90 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



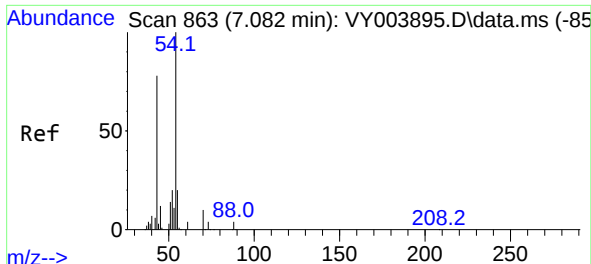
Tgt Ion: 75 Resp: 202161
Ion Ratio Lower Upper
75 100
110 32.7 17.7 53.1
77 30.7 24.8 37.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/15/2021 5:45:24 PM



#37
Ethyl Acetate
Concen: 59.78 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

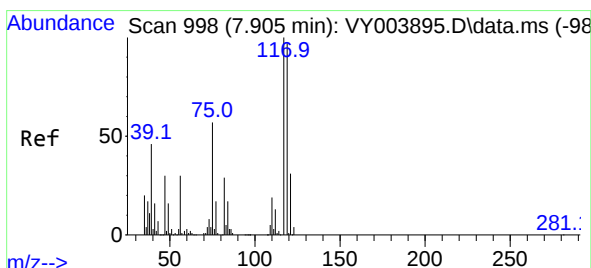
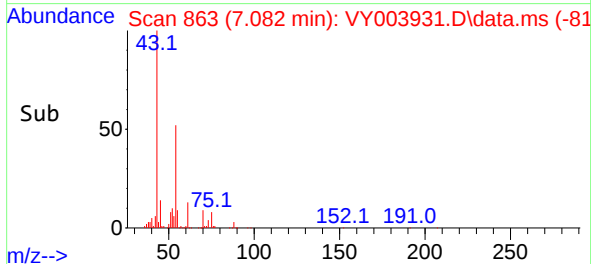
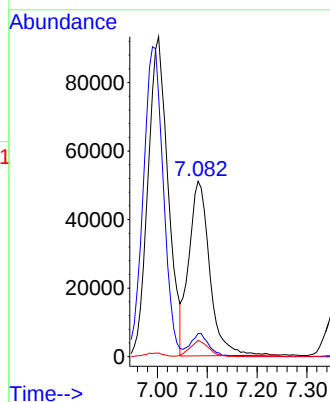
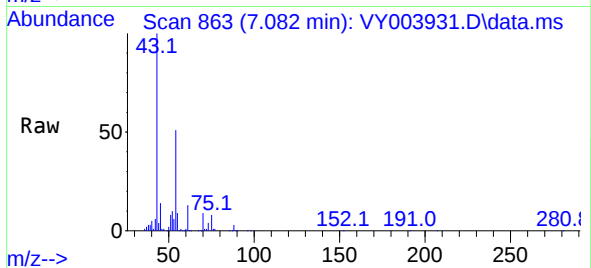
Tgt Ion: 43 Resp: 148151

Ion	Ratio	Lower	Upper
43	100		
61	11.2	10.6	16.0
70	8.5	8.4	12.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

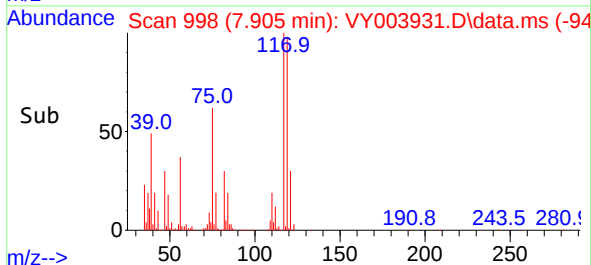
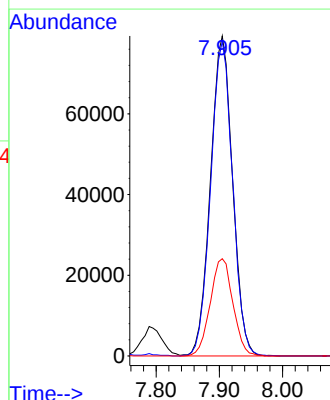
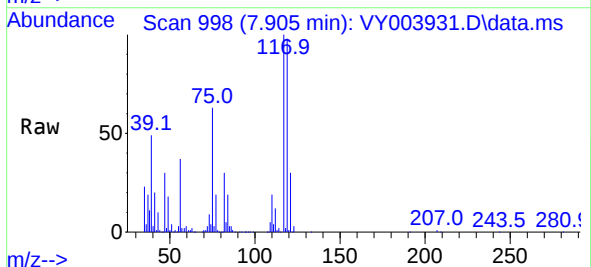
MMDadoda
1/15/2021 5:45:24 PM

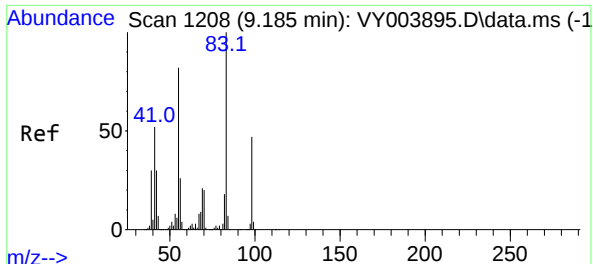


#38
Carbon Tetrachloride
Concen: 49.27 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 117 Resp: 192059

Ion	Ratio	Lower	Upper
117	100		
119	98.4	78.6	118.0
121	30.4	25.8	38.6





#39
Methylcyclohexane
Concen: 55.87 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

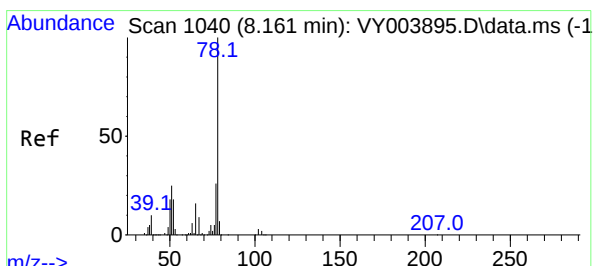
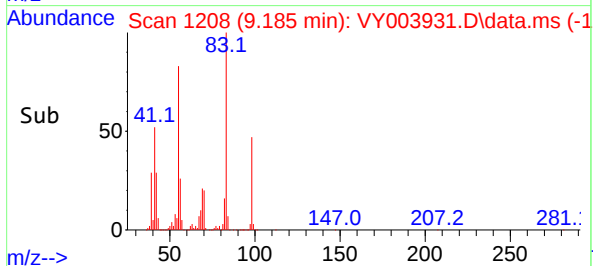
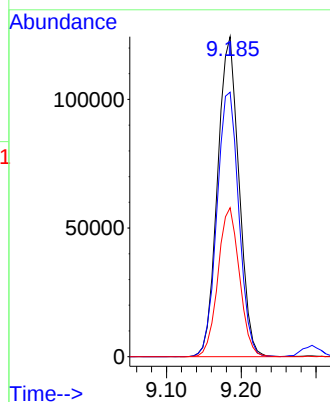
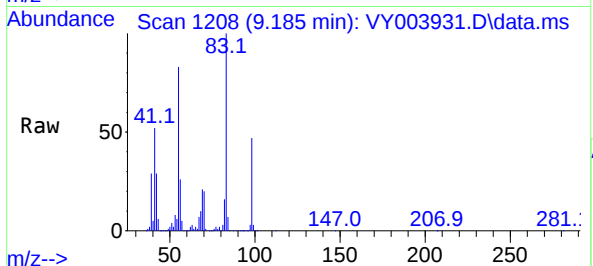
Tgt Ion: 83 Resp: 247476

Ion	Ratio	Lower	Upper
83	100		
55	82.6	63.9	95.9
98	46.5	40.2	60.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

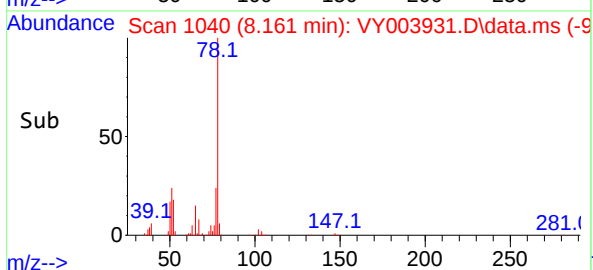
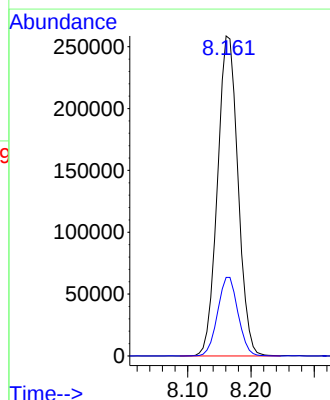
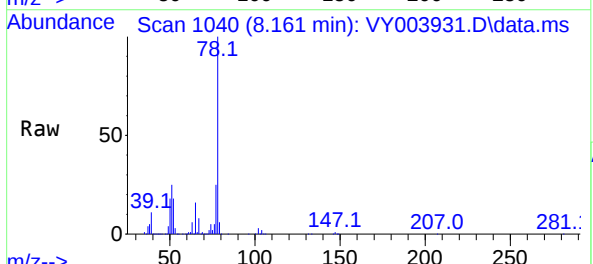
MMDadoda
1/15/2021 5:45:24 PM

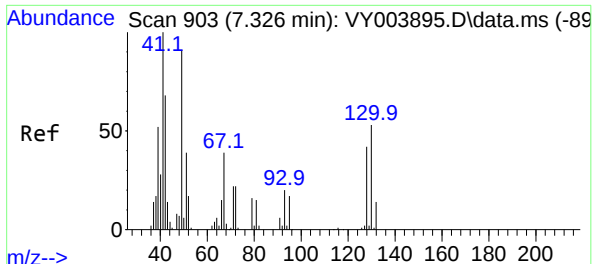


#40
Benzene
Concen: 57.57 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

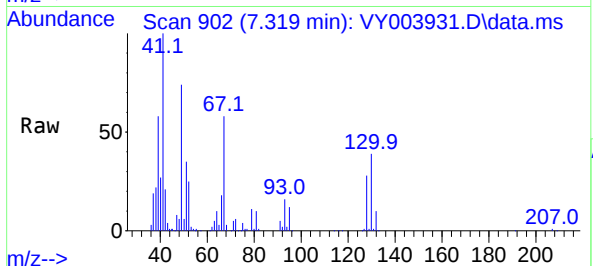
Tgt Ion: 78 Resp: 580700

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0

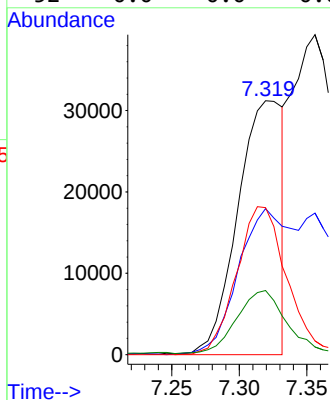




#41
Methacrylonitrile
Concen: 52.22 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



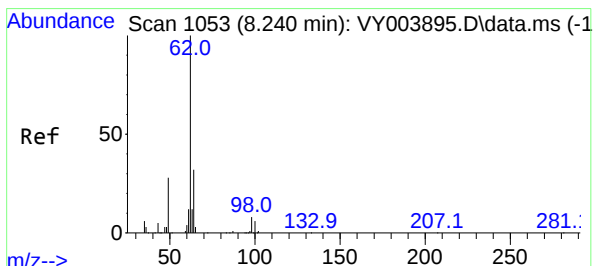
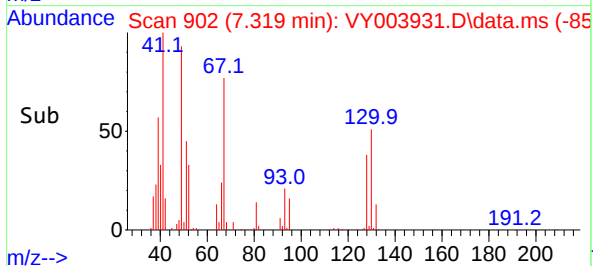
Tgt Ion:	41	Resp:	72776
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



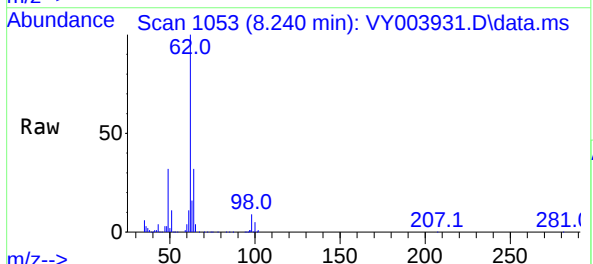
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

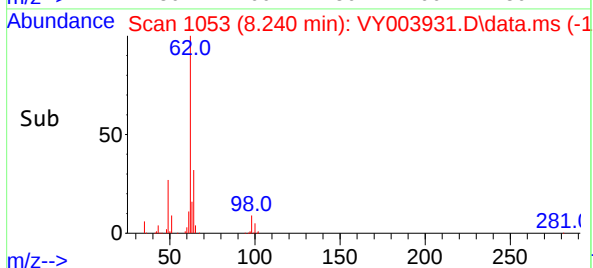
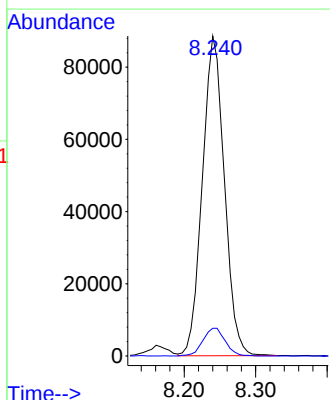
MMDadoda
1/15/2021 5:45:24 PM

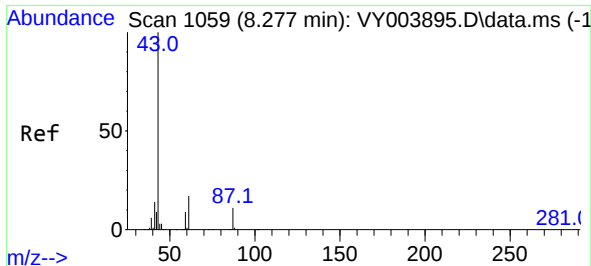


#42
1,2-Dichloroethane
Concen: 54.62 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



Tgt Ion:	62	Resp:	189591
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	18.4





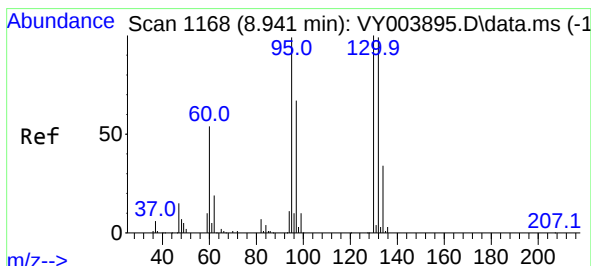
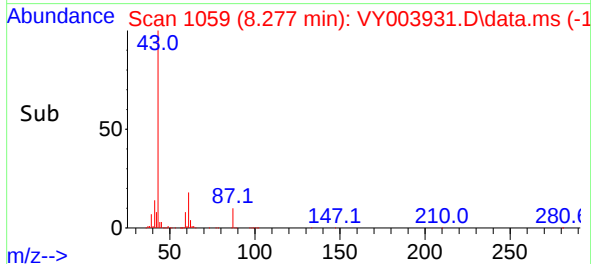
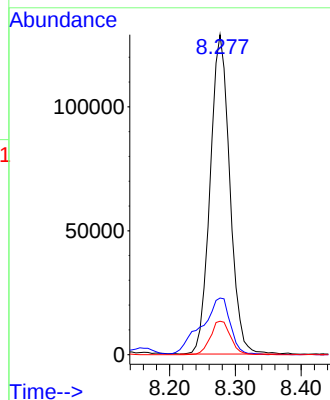
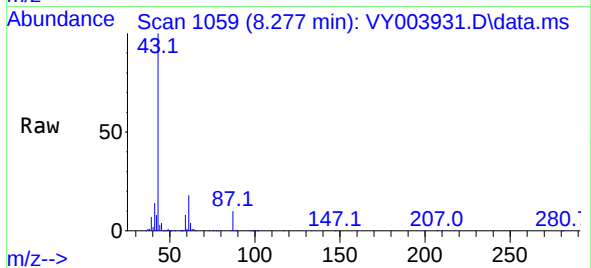
#43
Isopropyl Acetate
Concen: 56.68 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 43 Resp: 267461
Ion Ratio Lower Upper
43 100
61 26.1 22.7 34.1
87 10.8 10.4 15.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

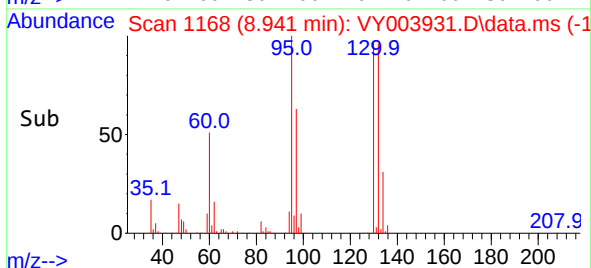
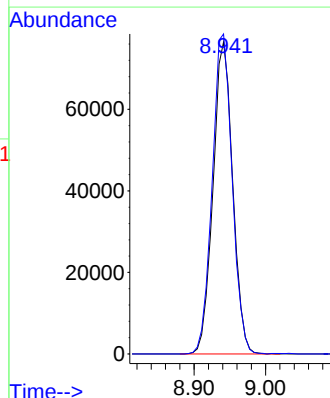
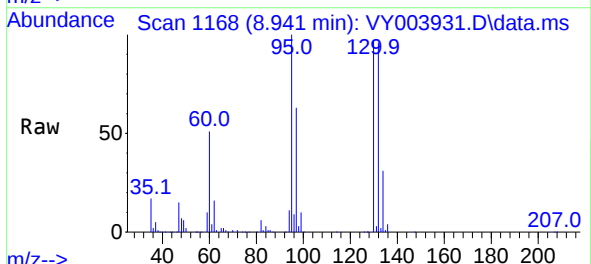
Manual Integrations
APPROVED

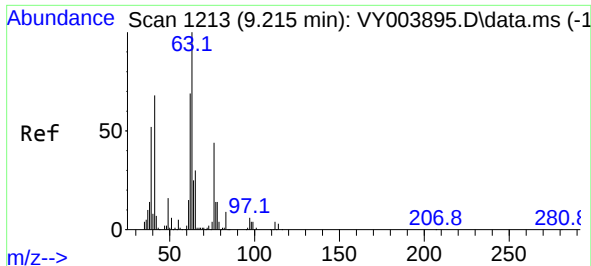
MMDadoda
1/15/2021 5:45:24 PM



#44
Trichloroethene
Concen: 52.96 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 130 Resp: 146097
Ion Ratio Lower Upper
130 100
95 102.6 0.0 185.0





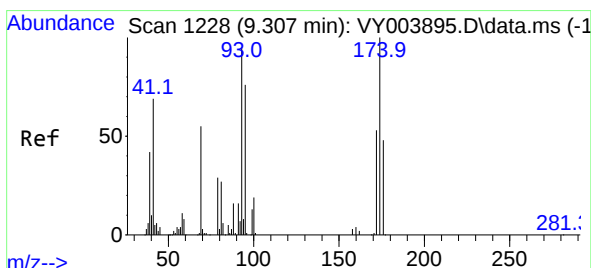
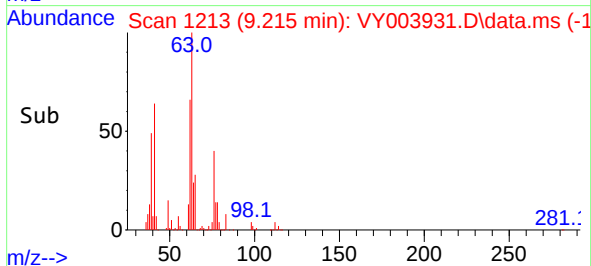
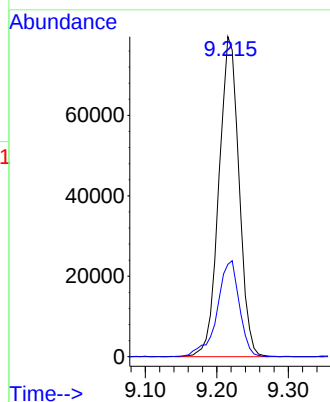
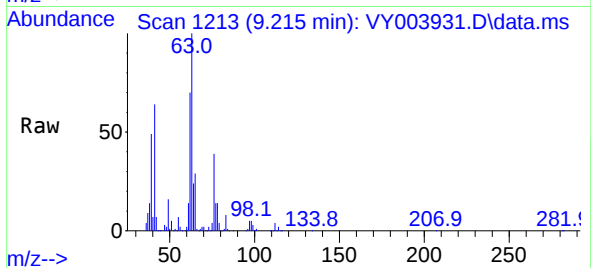
#45
1,2-Dichloropropane
Concen: 59.39 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 63 Resp: 155306
Ion Ratio Lower Upper
63 100
65 28.8 25.0 37.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

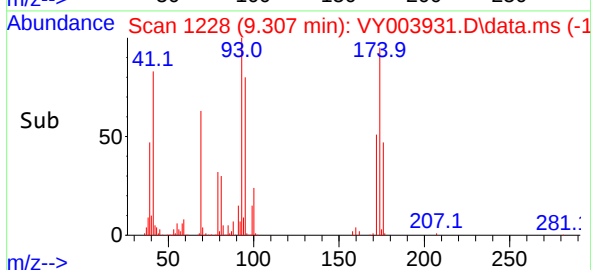
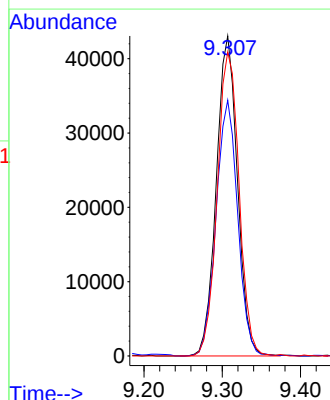
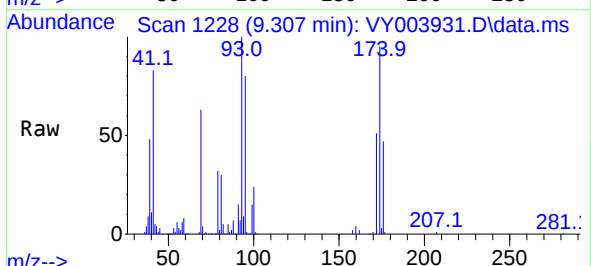
Manual Integrations
APPROVED

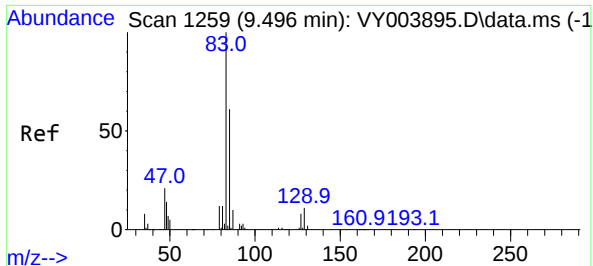
MMDadoda
1/15/2021 5:45:24 PM



#46
Dibromomethane
Concen: 55.61 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 93 Resp: 80800
Ion Ratio Lower Upper
93 100
95 82.0 66.2 99.4
174 98.1 94.8 142.2





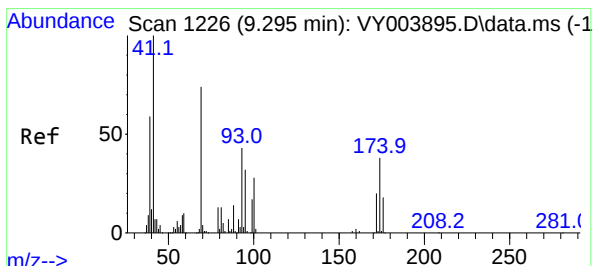
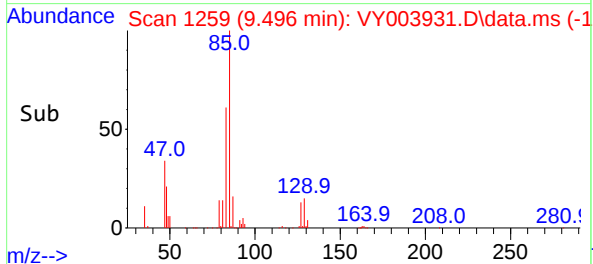
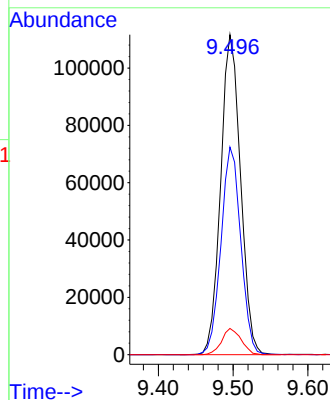
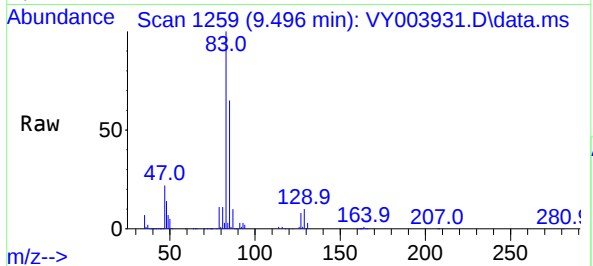
#47
Bromodichloromethane
Concen: 56.94 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 83	Resp: 206509
Ion Ratio	Lower Upper
83 100	
85 64.8	51.0 76.4
127 8.2	6.6 10.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

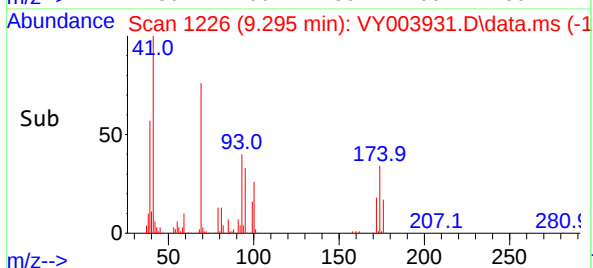
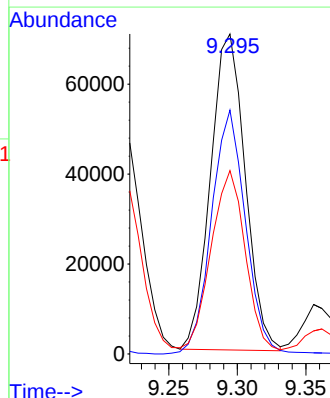
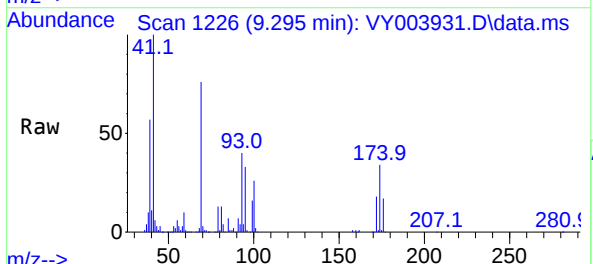
Manual Integrations
APPROVED

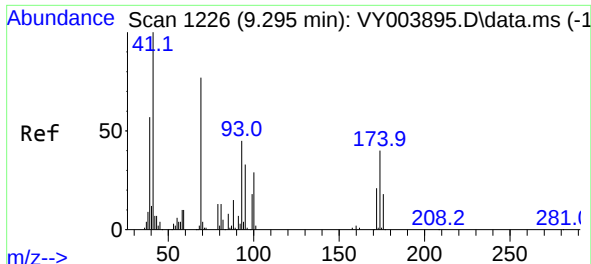
MMDadoda
1/15/2021 5:45:24 PM



#48
Methyl methacrylate
Concen: 55.33 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 41	Resp: 123582
Ion Ratio	Lower Upper
41 100	
69 76.0	64.3 96.5
39 58.3	43.1 64.7





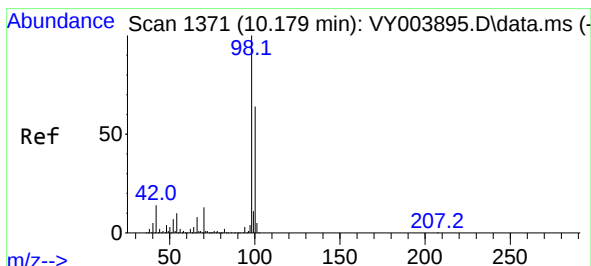
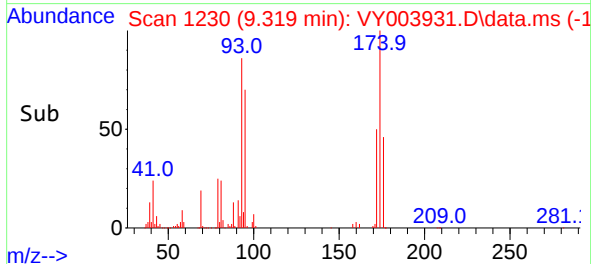
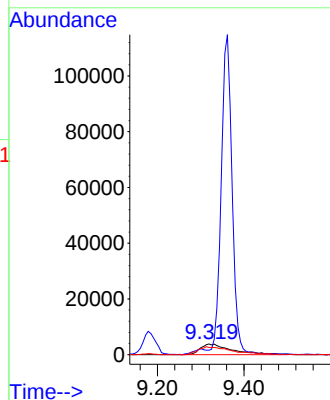
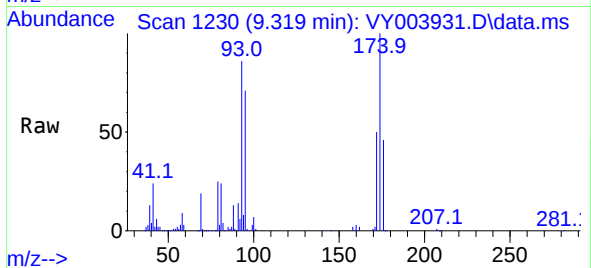
#49
1,4-Dioxane
Concen: 981.81 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.024 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 88 Resp: 19318
Ion Ratio Lower Upper
88 100
43 0.0 27.9 41.9#
58 81.9 54.7 82.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

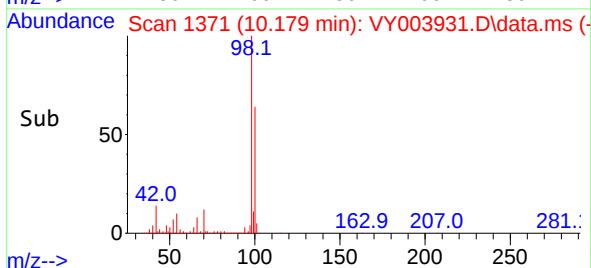
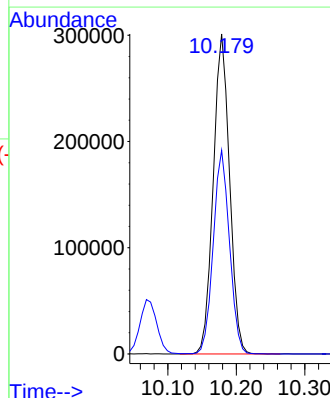
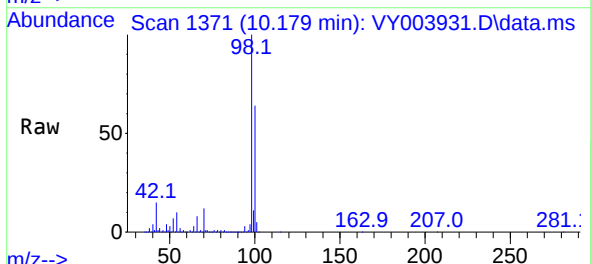
Manual Integrations
APPROVED

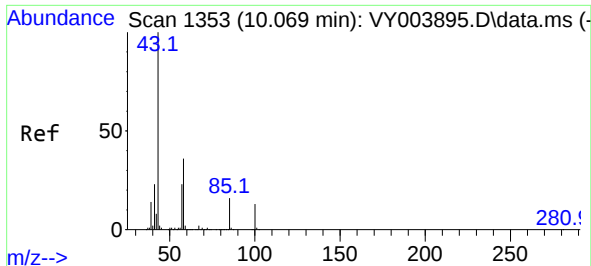
MMDadoda
1/15/2021 5:45:24 PM



#50
Toluene-d8
Concen: 55.90 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 98 Resp: 497996
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0





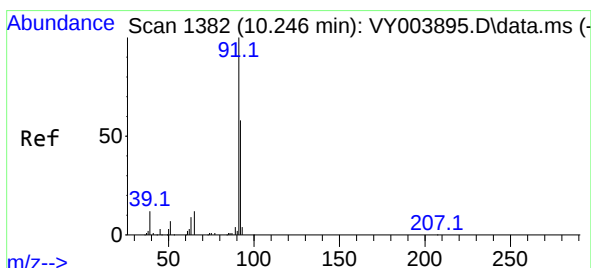
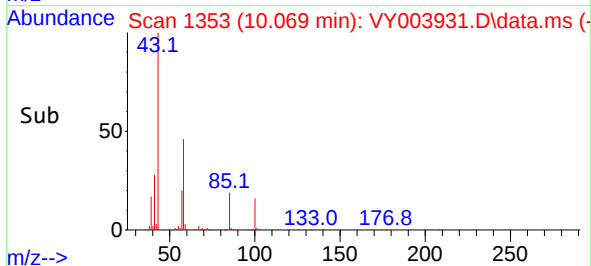
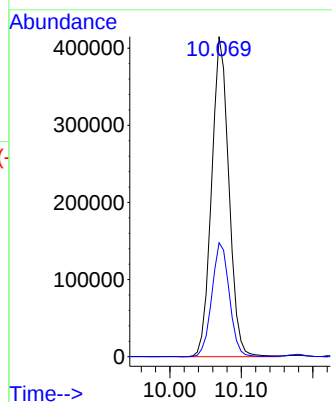
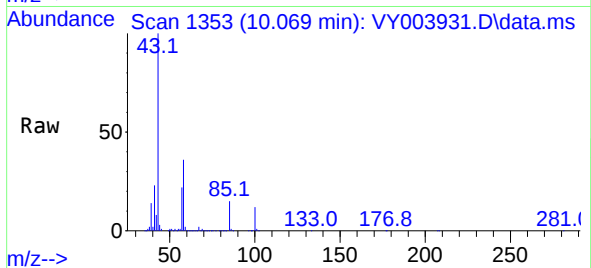
#51
4-Methyl-2-Pentanone
Concen: 277.21 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 43 Resp: 693756
Ion Ratio Lower Upper
43 100
58 36.2 30.3 45.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

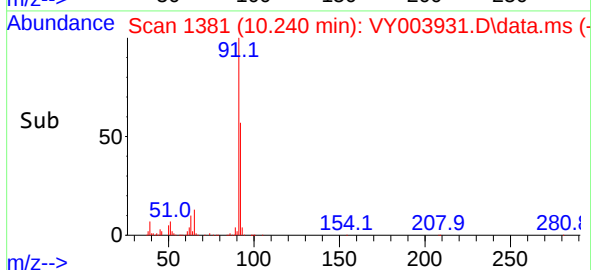
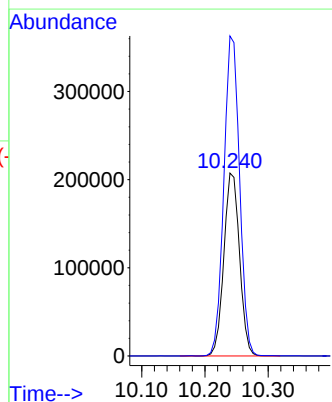
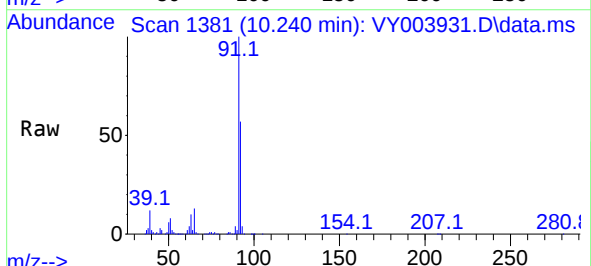
Manual Integrations
APPROVED

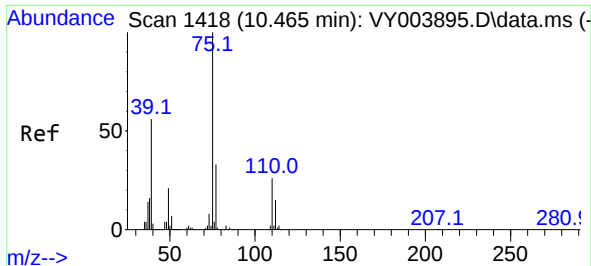
MMDadoda
1/15/2021 5:45:24 PM



#52
Toluene
Concen: 55.55 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 92 Resp: 354926
Ion Ratio Lower Upper
92 100
91 175.5 140.7 211.1





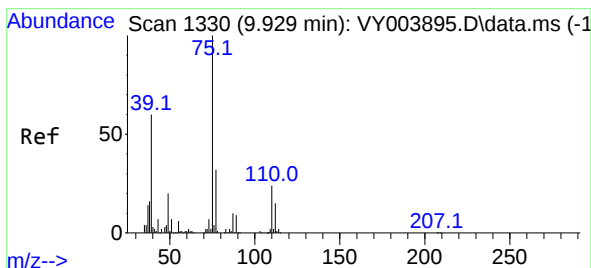
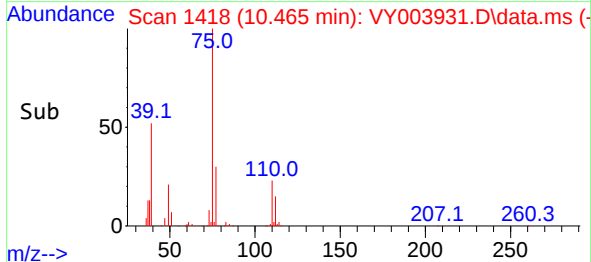
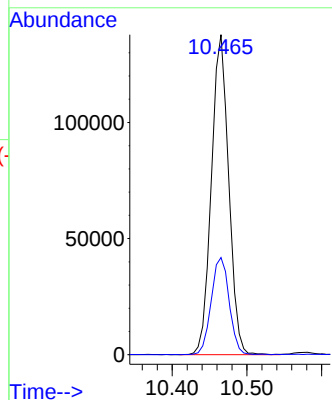
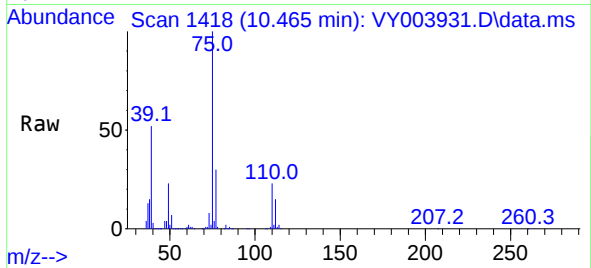
#53
t-1,3-Dichloropropene
Concen: 56.56 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 75 Resp: 221537
Ion Ratio Lower Upper
75 100
77 30.4 26.2 39.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

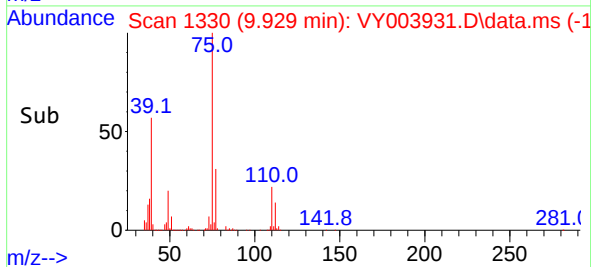
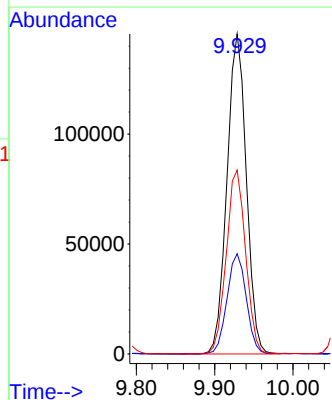
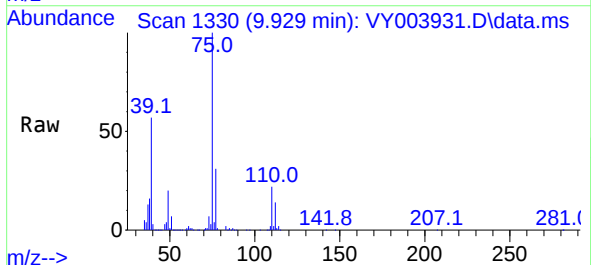
Manual Integrations
APPROVED

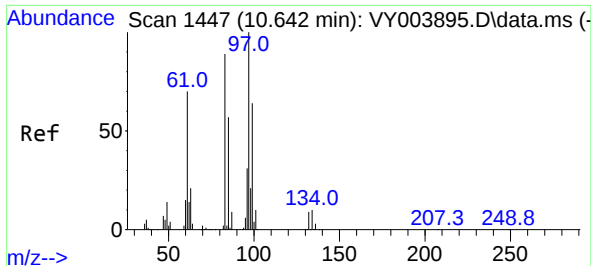
MMDadoda
1/15/2021 5:45:24 PM



#54
cis-1,3-Dichloropropene
Concen: 58.48 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 75 Resp: 249885
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 57.4 42.2 63.2





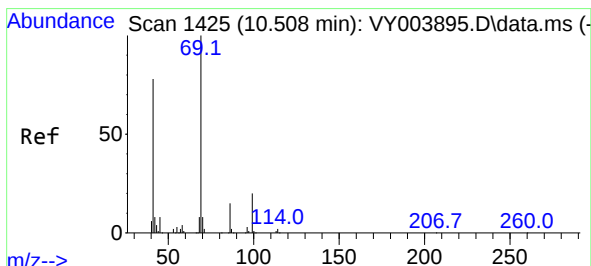
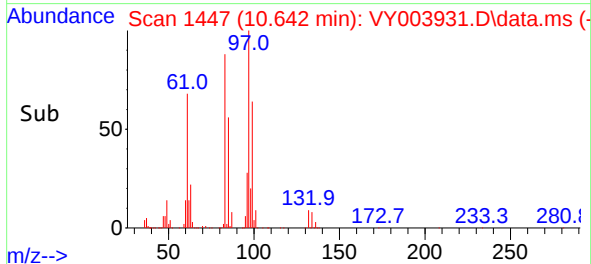
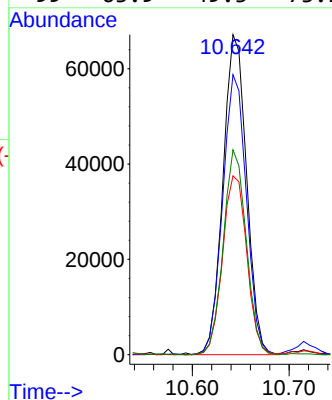
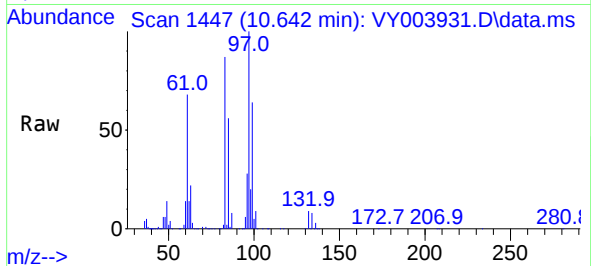
#55
1,1,2-Trichloroethane
Concen: 57.61 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 97	Resp: 113608
Ion Ratio	Lower Upper
97 100	
83 87.3	65.7 98.5
85 55.8	42.2 63.4
99 63.9	49.3 73.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

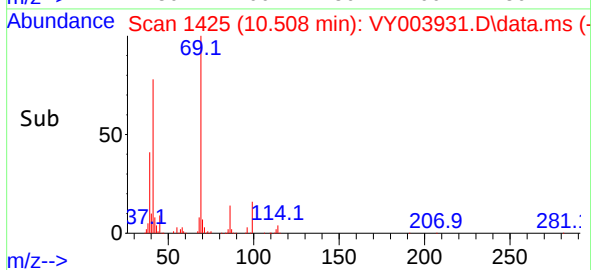
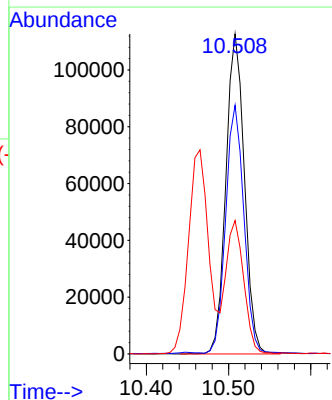
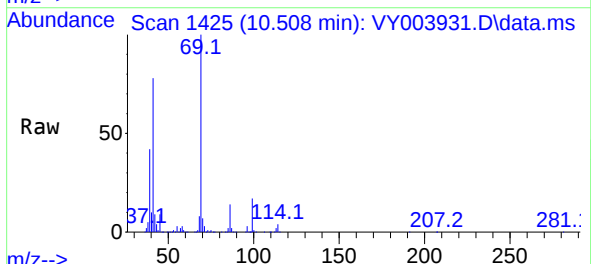
Manual Integrations
APPROVED

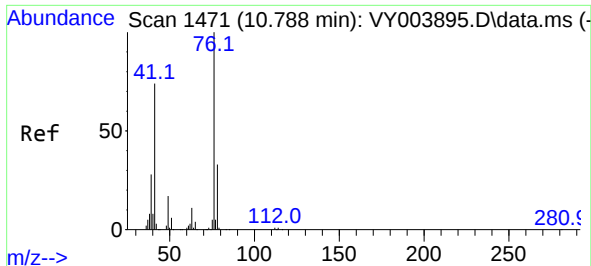
MMDadoda
1/15/2021 5:45:24 PM



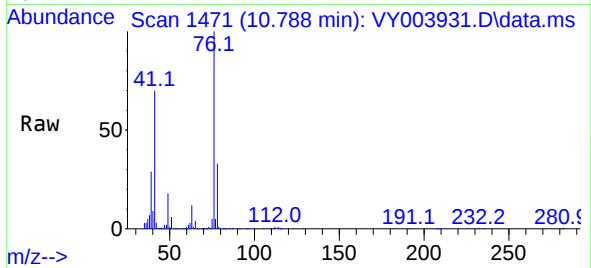
#56
Ethyl methacrylate
Concen: 59.26 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 69	Resp: 175819
Ion Ratio	Lower Upper
69 100	
41 76.7	57.0 85.6
39 39.0	27.9 41.9

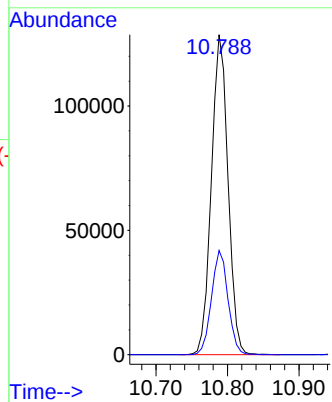
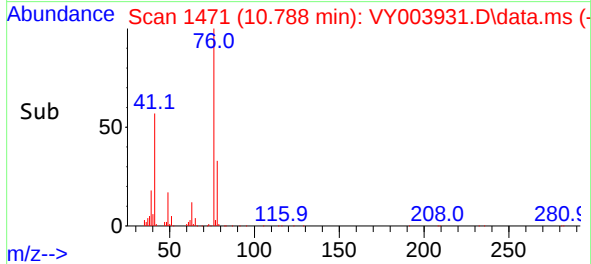




#57
1,3-Dichloropropane
Concen: 57.83 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



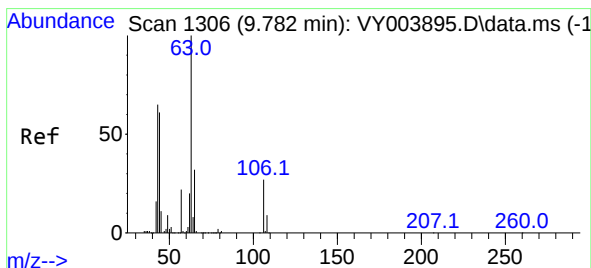
Tgt Ion: 76 Resp: 207479
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5



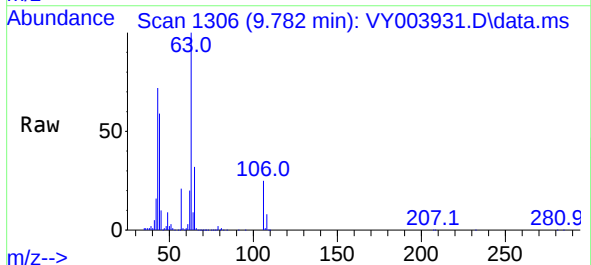
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

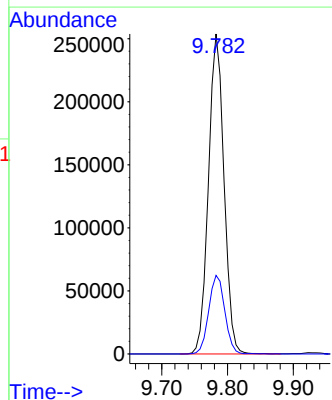
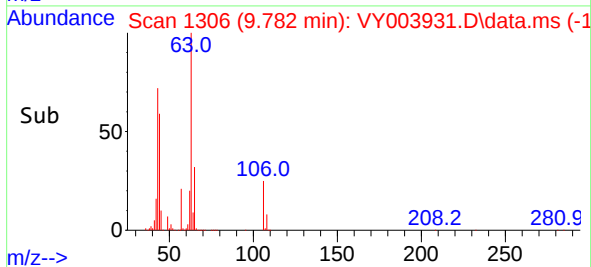
MMDadoda
1/15/2021 5:45:24 PM

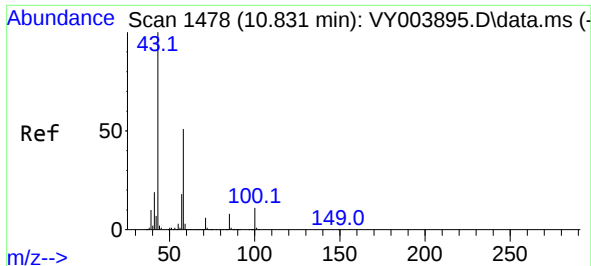


#58
2-Chloroethyl Vinyl ether
Concen: 283.10 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



Tgt Ion: 63 Resp: 417009
Ion Ratio Lower Upper
63 100
106 25.4 23.1 34.7





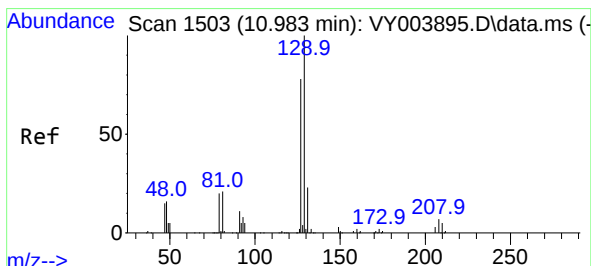
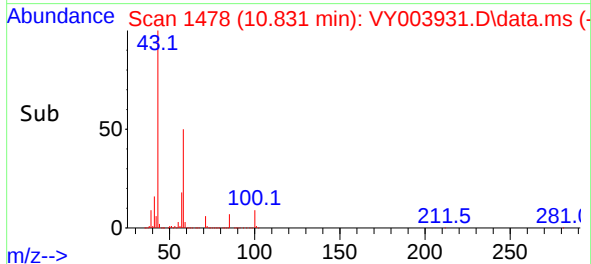
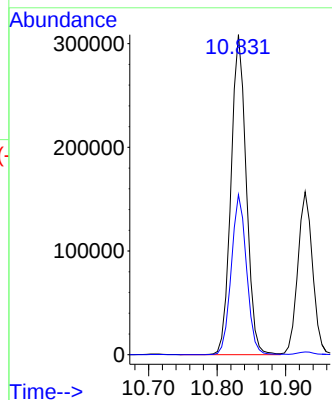
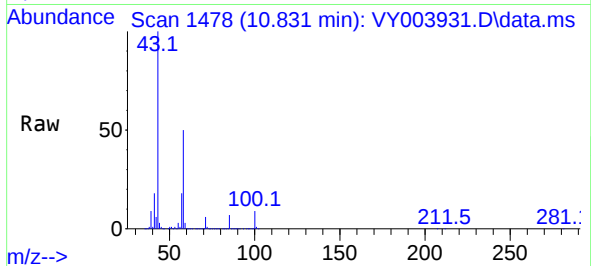
#59
2-Hexanone
Concen: 274.18 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 43 Resp: 477685
Ion Ratio Lower Upper
43 100
58 49.9 26.5 79.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

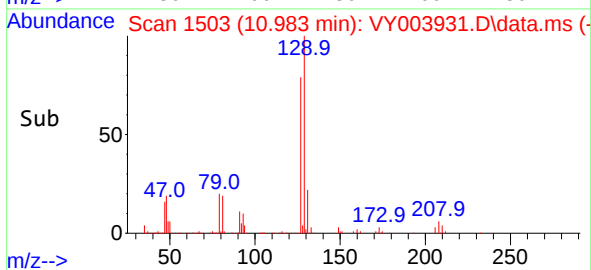
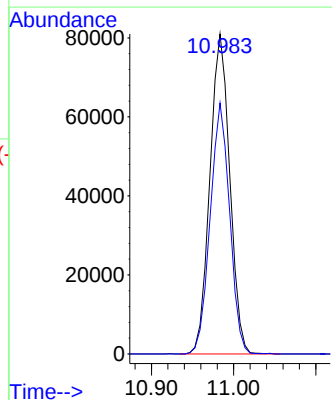
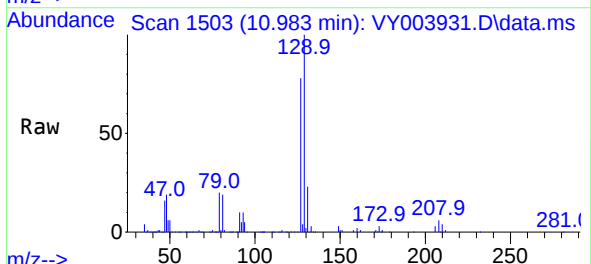
Manual Integrations
APPROVED

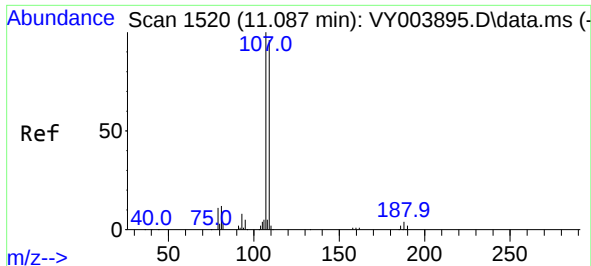
MMDadoda
1/15/2021 5:45:24 PM



#60
Dibromochloromethane
Concen: 53.22 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 129 Resp: 135894
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.3





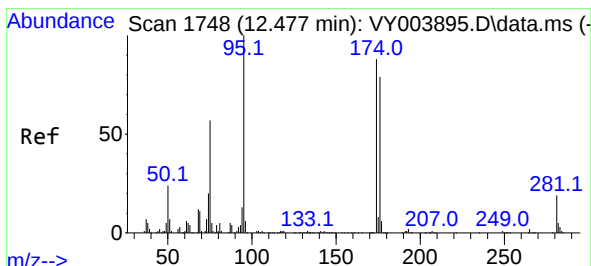
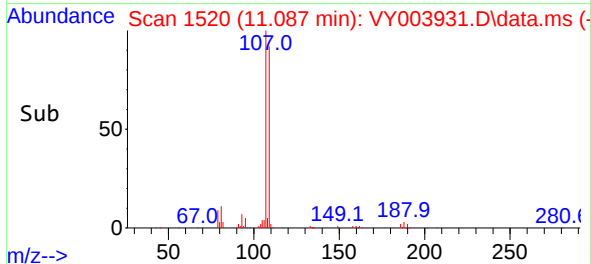
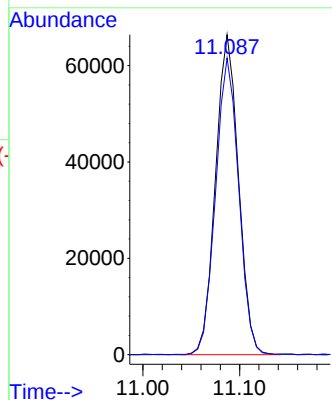
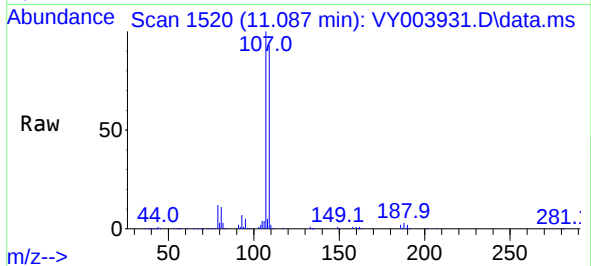
#61
1,2-Dibromoethane
Concen: 56.57 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 107 Resp: 109544
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

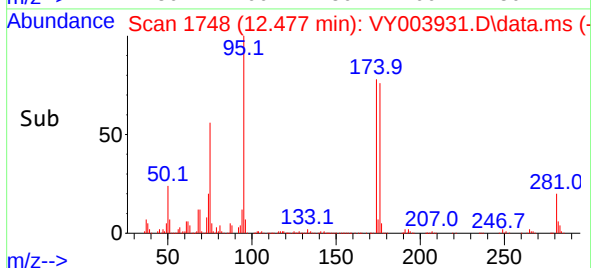
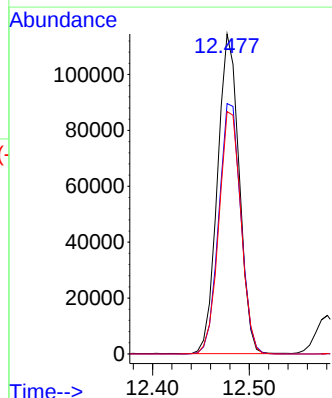
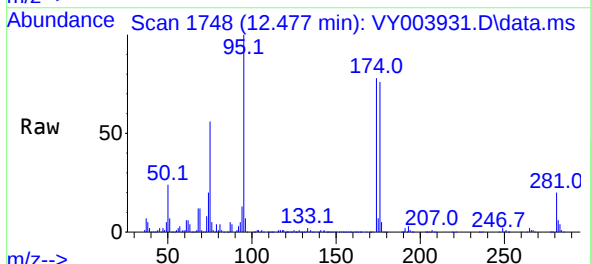
Manual Integrations
APPROVED

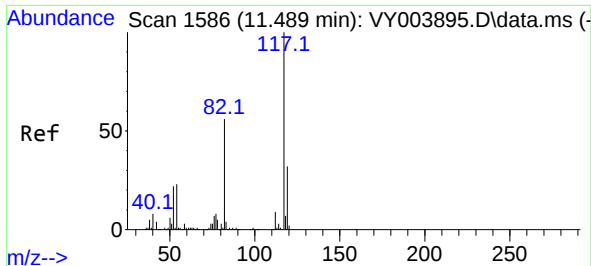
MMDadoda
1/15/2021 5:45:24 PM



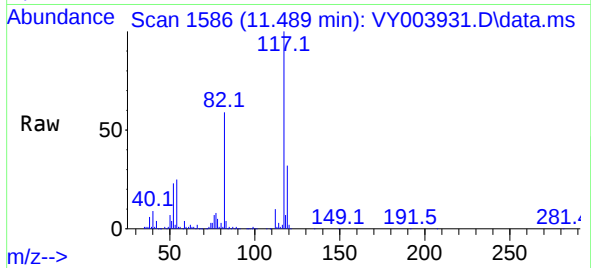
#62
4-Bromofluorobenzene
Concen: 54.51 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 95 Resp: 177353
Ion Ratio Lower Upper
95 100
174 79.8 0.0 193.2
176 77.5 0.0 187.0

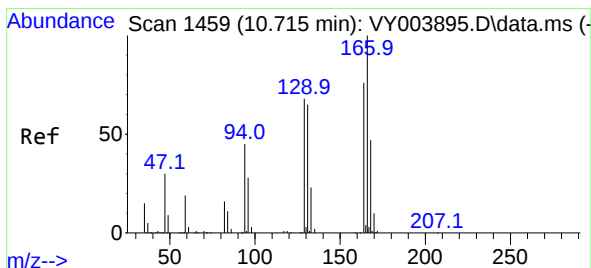
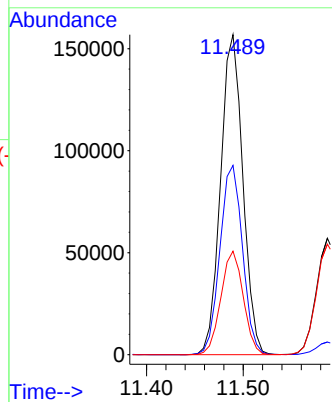
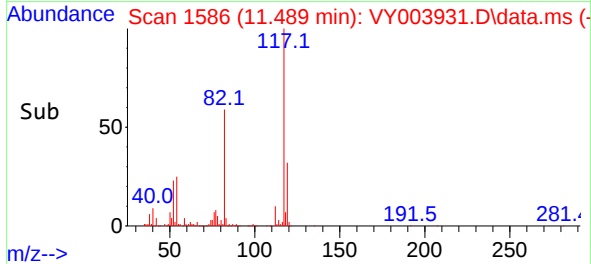




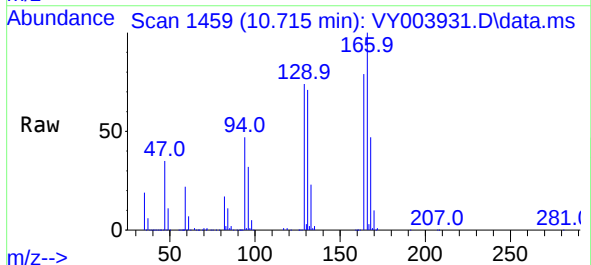
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



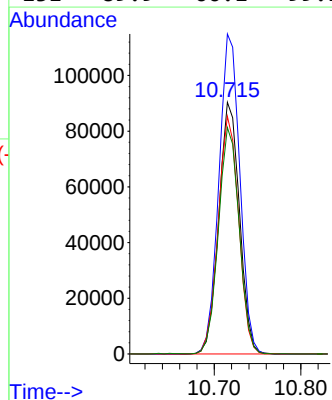
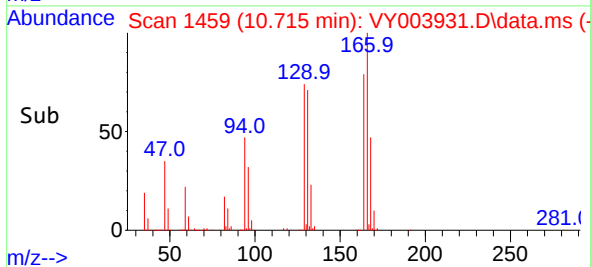
Tgt Ion:117 Resp: 250509
Ion Ratio Lower Upper
117 100
82 59.1 43.9 65.9
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 49.35 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



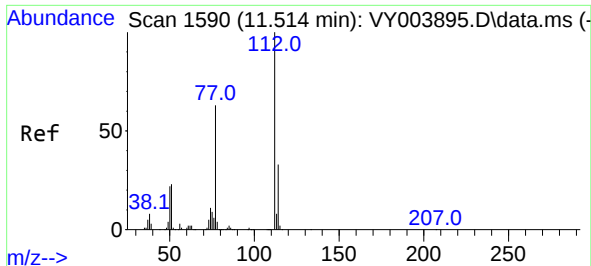
Tgt Ion:164 Resp: 150288
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.4
129 94.4 67.8 101.8
131 89.9 66.1 99.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/15/2021 5:45:24 PM



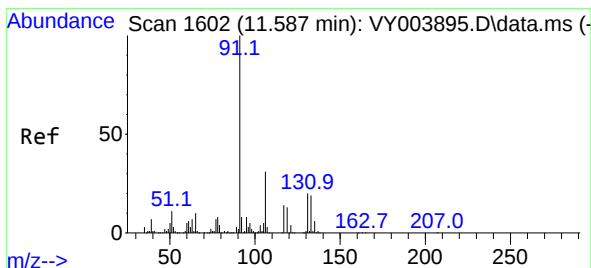
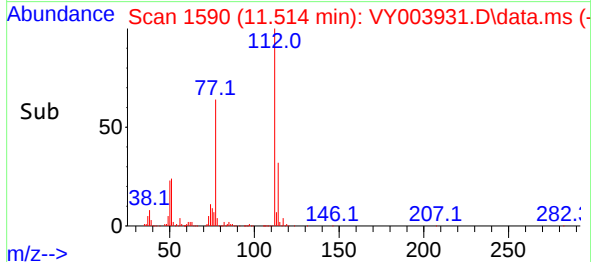
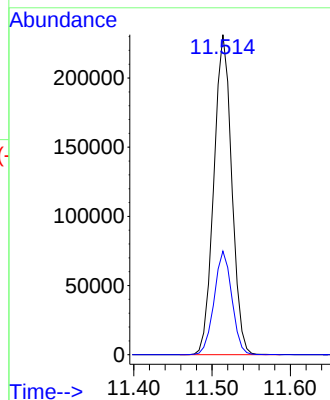
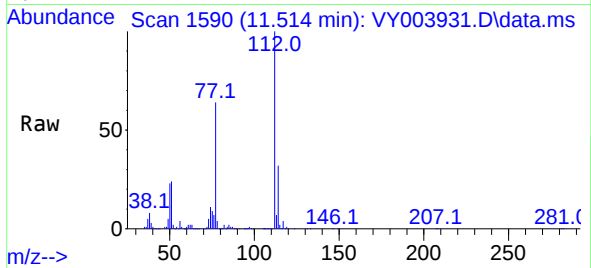
#65
Chlorobenzene
Concen: 55.30 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:112 Resp: 367057
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

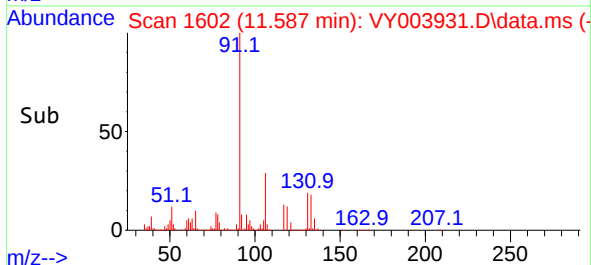
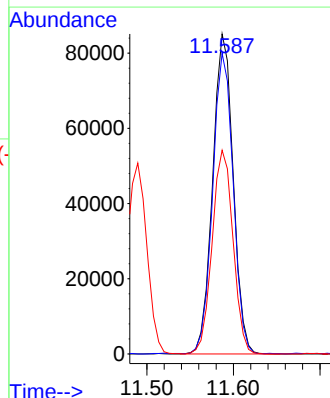
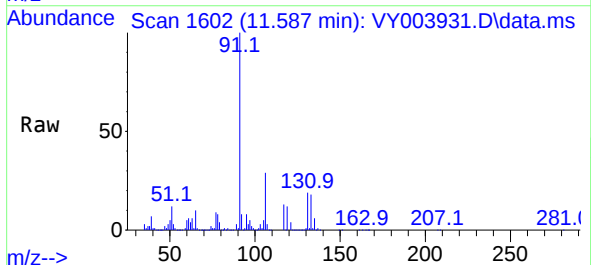
Manual Integrations
APPROVED

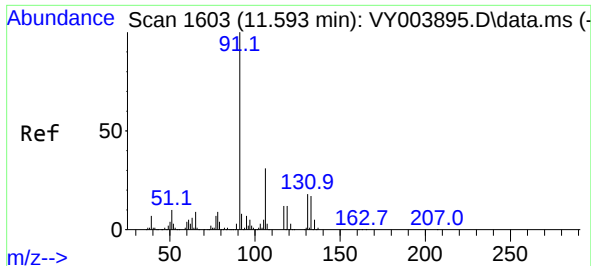
MMDadoda
1/15/2021 5:45:24 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.20 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:131 Resp: 139817
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 65.0 31.4 94.0





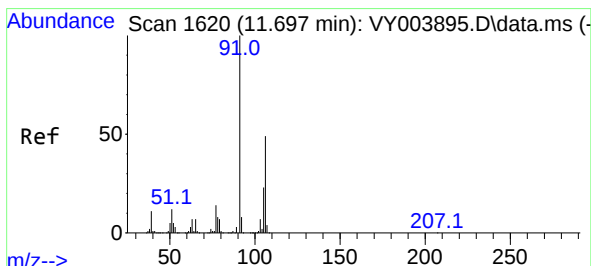
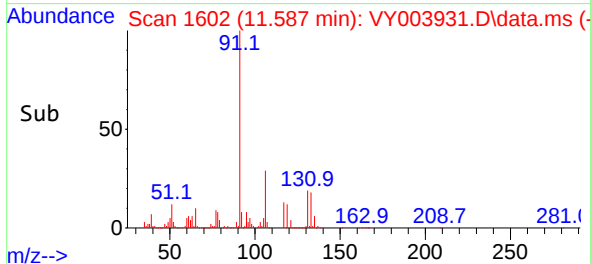
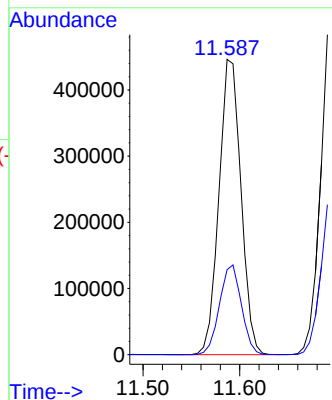
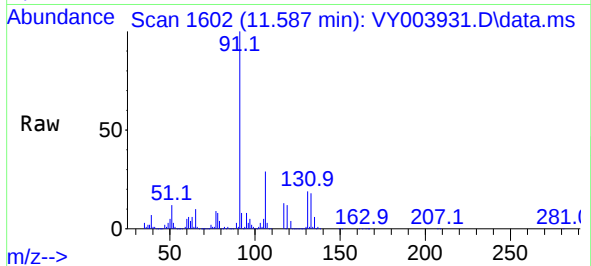
#67
Ethyl Benzene
Concen: 56.45 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 91 Resp: 703746
Ion Ratio Lower Upper
91 100
106 28.7 25.0 37.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

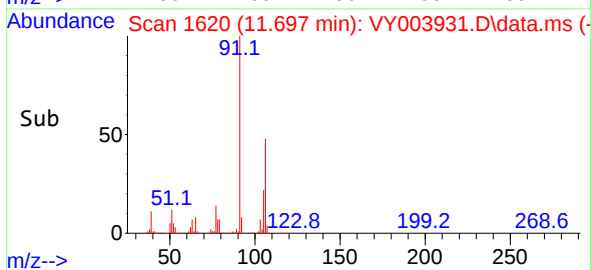
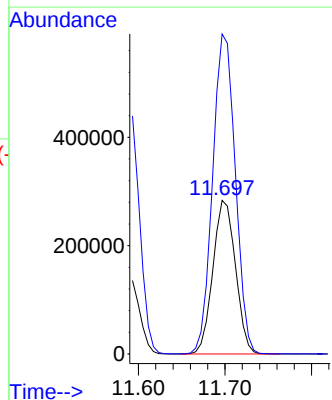
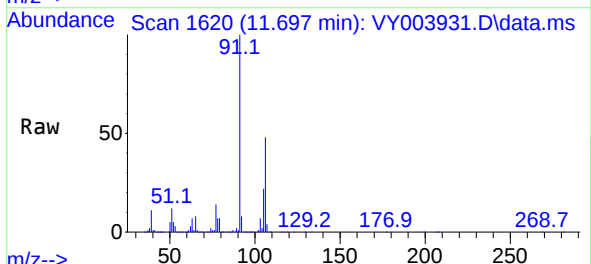
Manual Integrations
APPROVED

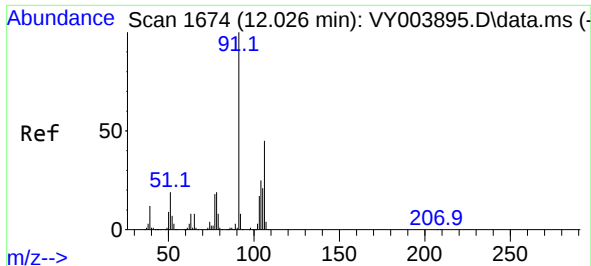
MMDadoda
1/15/2021 5:45:24 PM



#68
m/p-Xylenes
Concen: 111.16 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:106 Resp: 513621
Ion Ratio Lower Upper
106 100
91 209.5 162.2 243.4





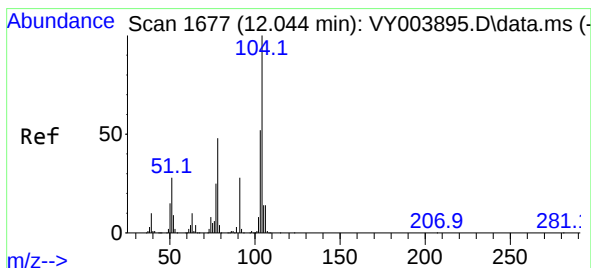
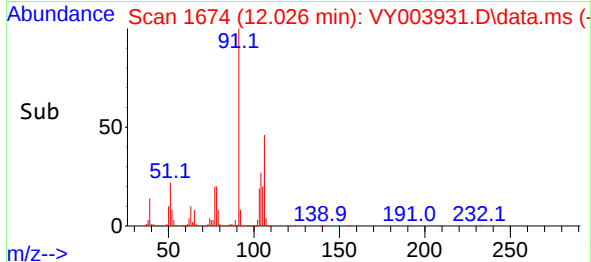
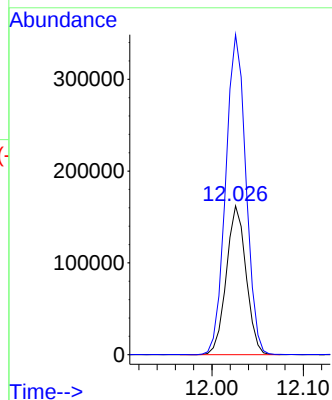
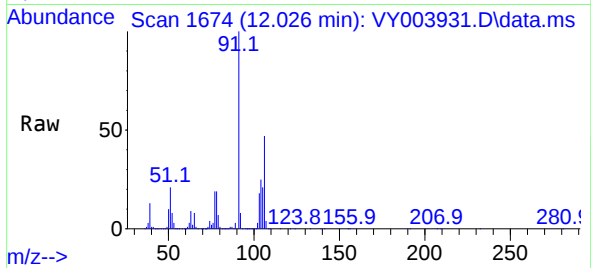
#69
o-Xylene
Concen: 56.13 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:106 Resp: 243102
Ion Ratio Lower Upper
106 100
91 220.5 107.6 322.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

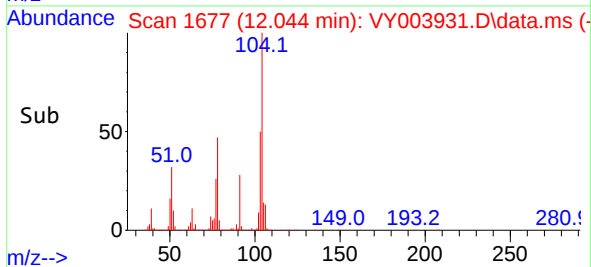
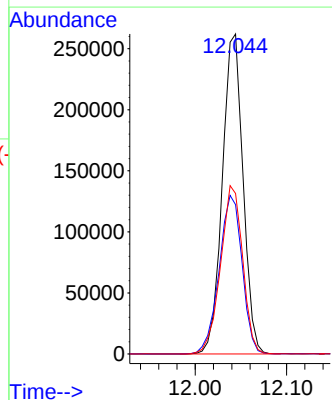
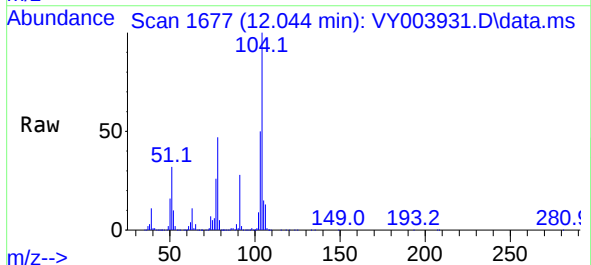
Manual Integrations
APPROVED

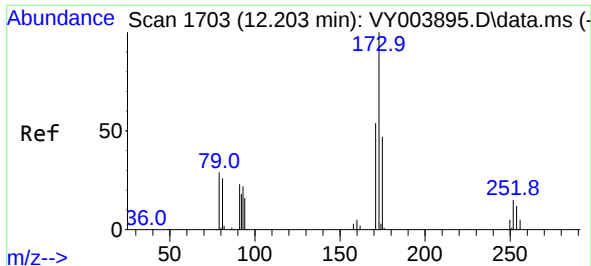
MMDadoda
1/15/2021 5:45:24 PM



#70
Styrene
Concen: 55.56 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:104 Resp: 412733
Ion Ratio Lower Upper
104 100
78 55.1 41.0 61.4
103 56.2 44.2 66.2





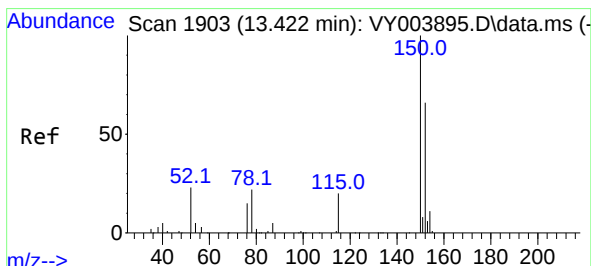
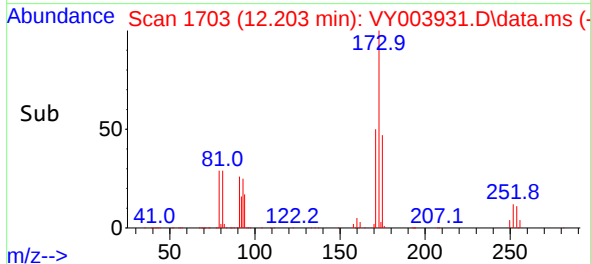
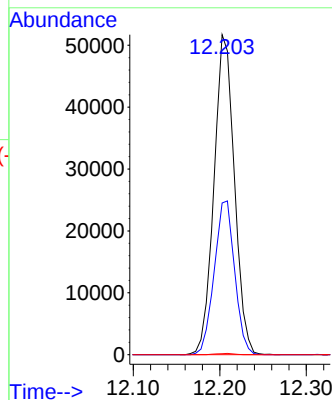
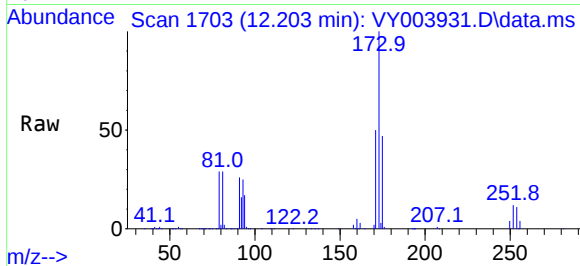
#71
Bromoform
Concen: 50.90 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:173 Resp: 84749
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.3
254 0.3 0.2 0.2#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

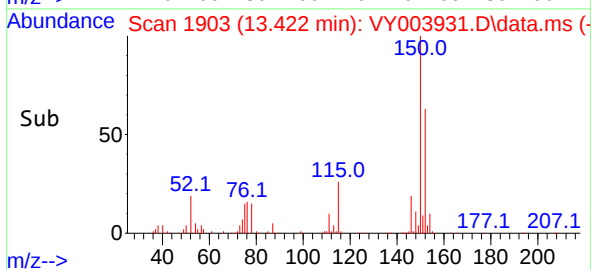
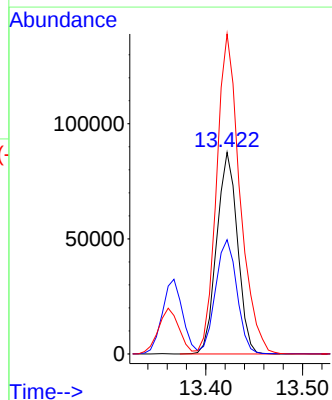
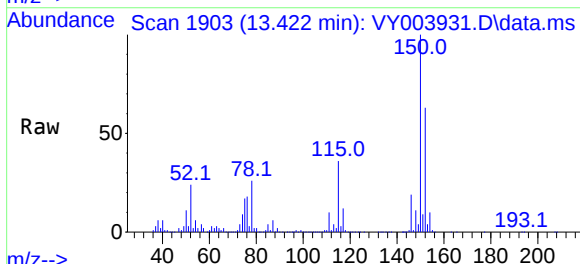
Manual Integrations
APPROVED

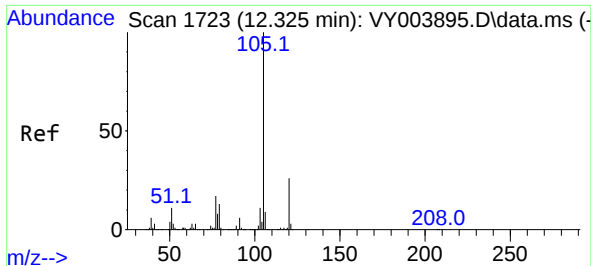
MMDadoda
1/15/2021 5:45:24 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:152 Resp: 130765
Ion Ratio Lower Upper
152 100
115 58.4 27.9 83.7
150 177.8 0.0 356.4





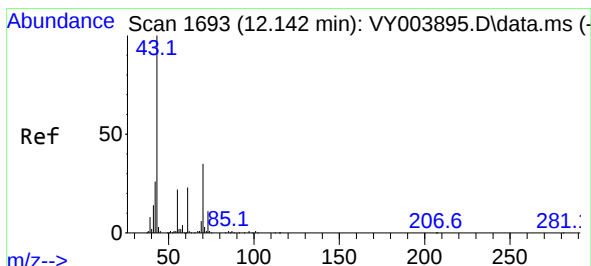
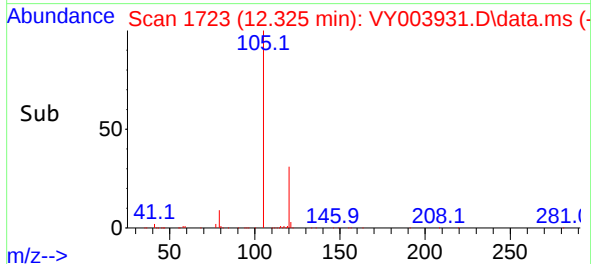
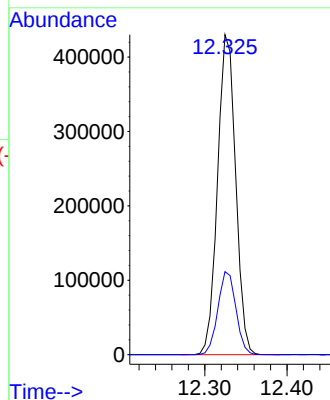
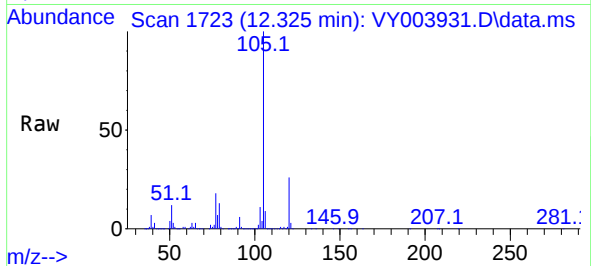
#73
Isopropylbenzene
Concen: 56.06 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 105 Resp: 657869
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

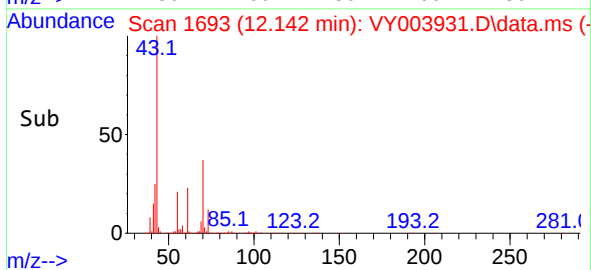
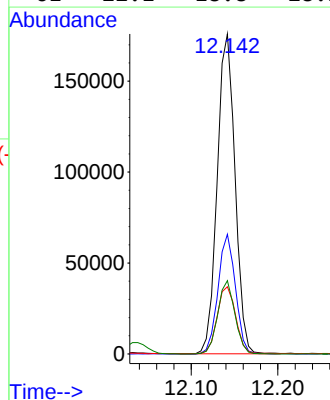
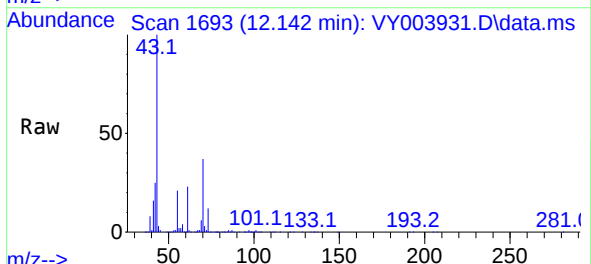
Manual Integrations
APPROVED

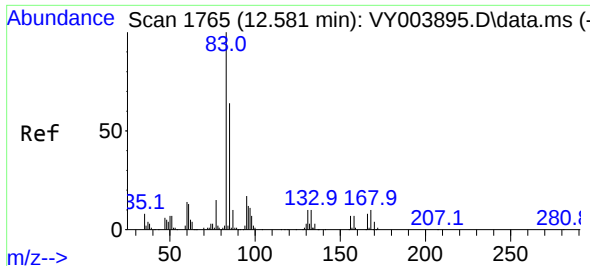
MMDadoda
1/15/2021 5:45:24 PM



#74
N-ethyl acetate
Concen: 59.85 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 43 Resp: 251289
Ion Ratio Lower Upper
43 100
70 36.6 33.0 49.6
55 21.9 19.6 29.4
61 22.1 18.8 28.2





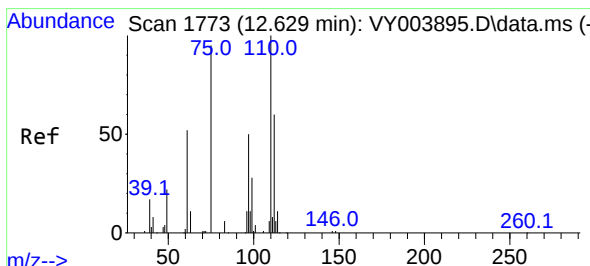
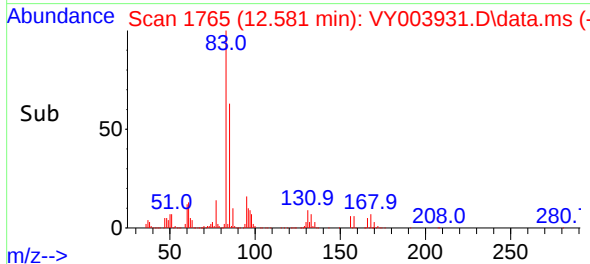
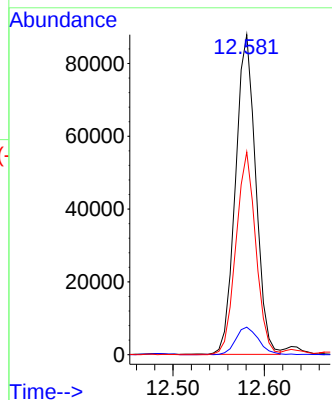
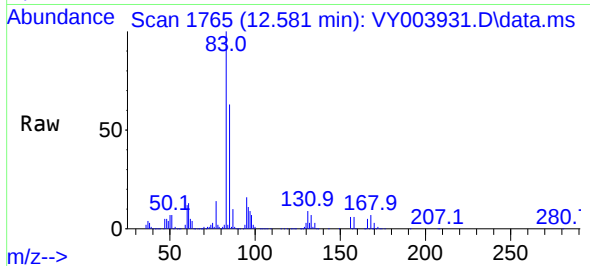
#75
1,1,2,2-Tetrachloroethane
Concen: 60.57 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 83 Resp: 134883
Ion Ratio Lower Upper
83 100
131 9.9 5.7 17.1
85 62.3 32.3 96.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

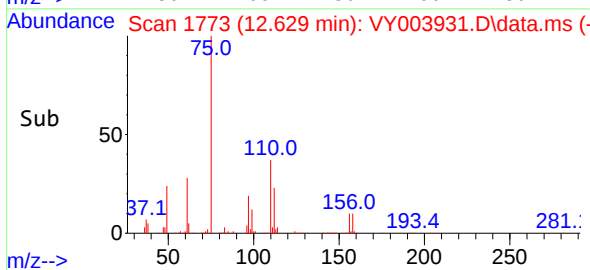
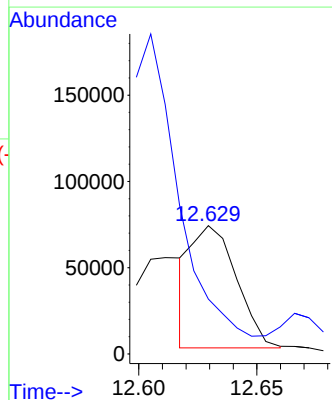
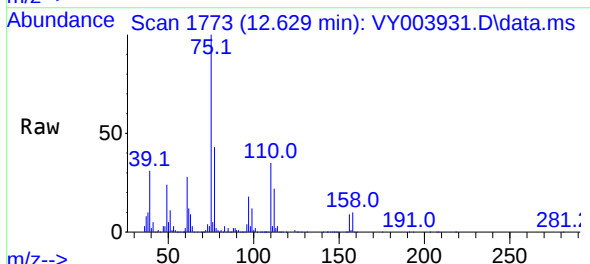
Manual Integrations
APPROVED

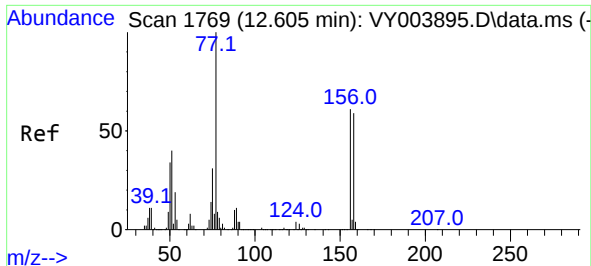
MMDadoda
1/15/2021 5:45:24 PM



#76
1,2,3-Trichloropropane
Concen: 53.40 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 75 Resp: 94420
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 53.30 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

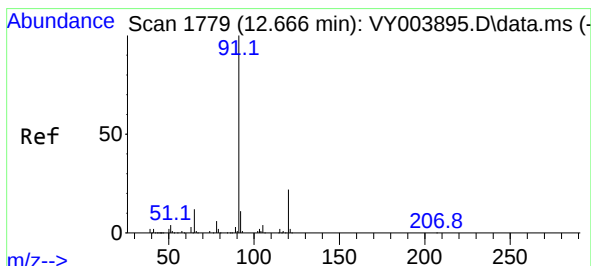
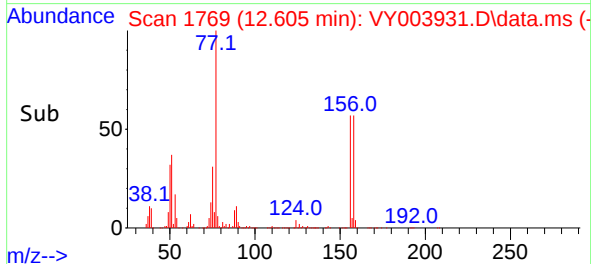
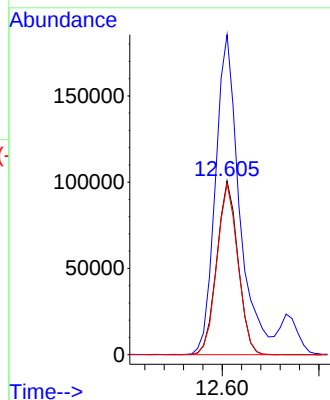
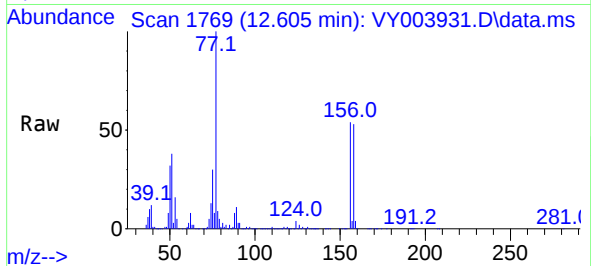
Tgt Ion: 156 Resp: 152721

Ion	Ratio	Lower	Upper
156	100		
77	207.1	83.6	250.8
158	97.7	48.6	145.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

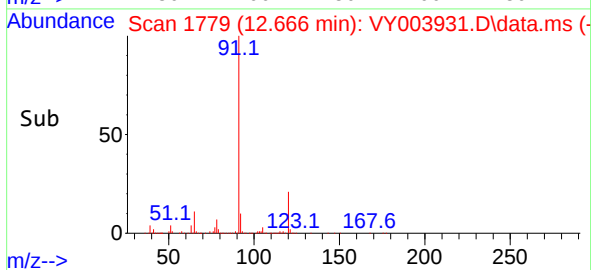
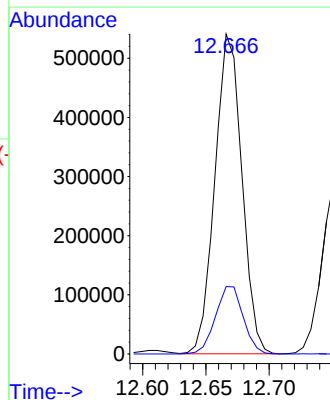
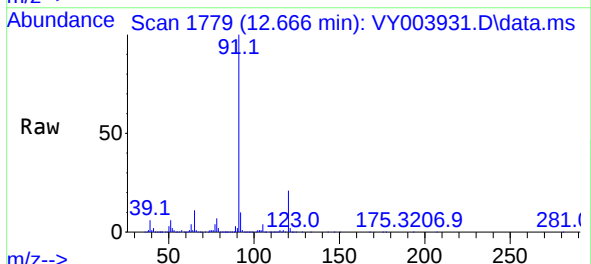
MMDadoda
1/15/2021 5:45:24 PM

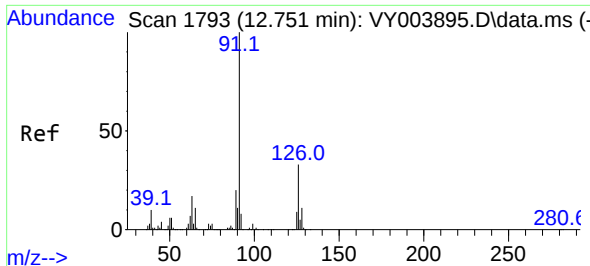


#78
n-propylbenzene
Concen: 57.01 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 91 Resp: 801110

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.8	35.4





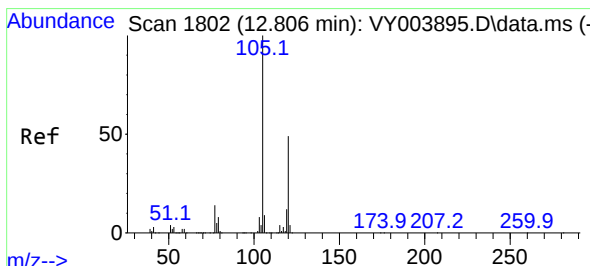
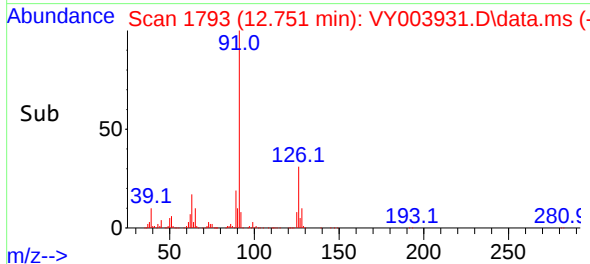
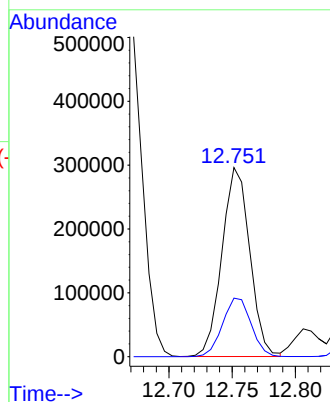
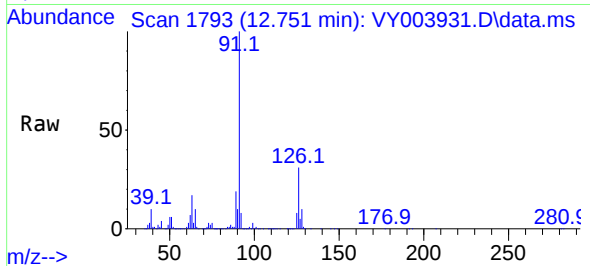
#79
2-Chlorotoluene
Concen: 57.21 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 453185
Ion Ratio Lower Upper
91 100
126 31.8 17.5 52.5

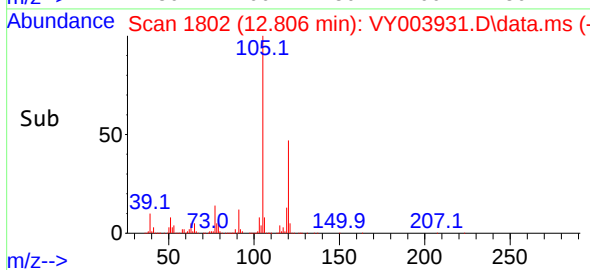
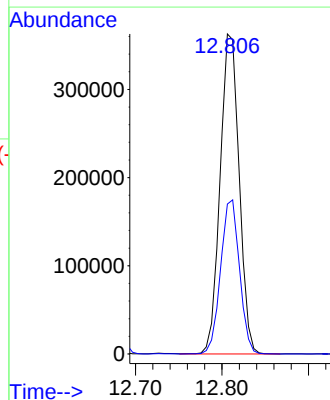
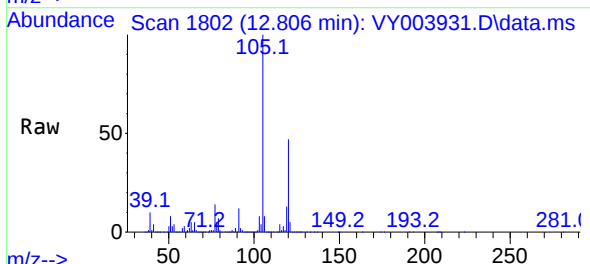
Manual Integrations
APPROVED

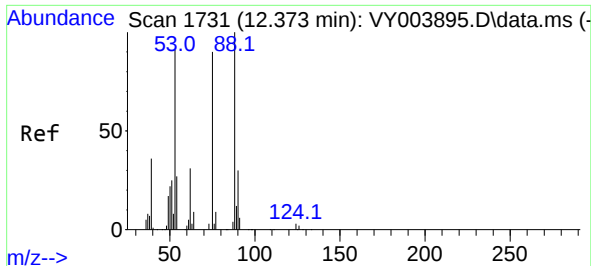
MMDadoda
1/15/2021 5:45:24 PM



#80
1,3,5-Trimethylbenzene
Concen: 54.58 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 105 Resp: 554111
Ion Ratio Lower Upper
105 100
120 47.8 24.4 73.4





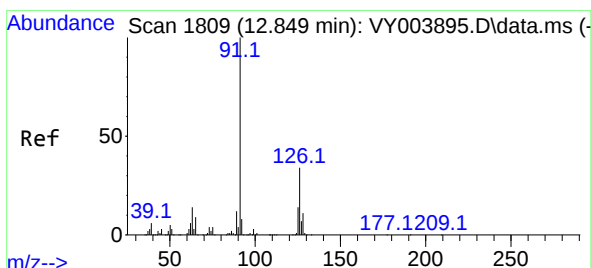
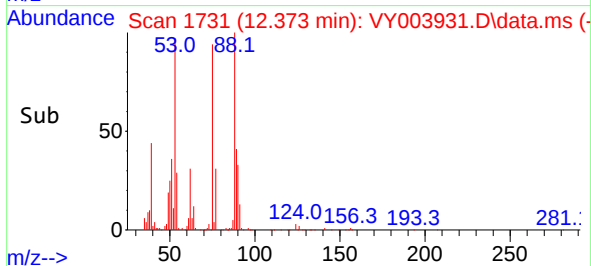
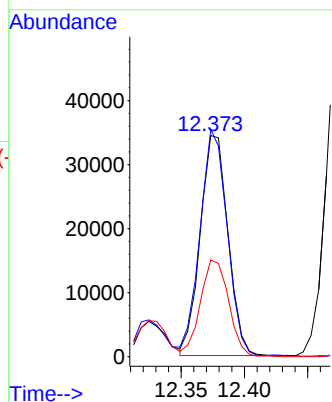
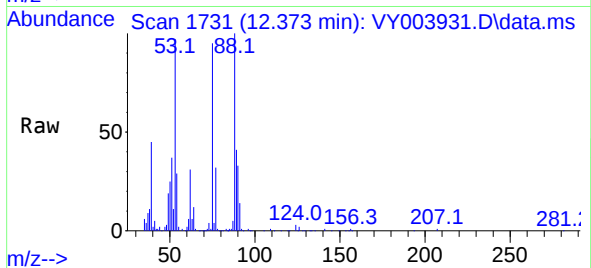
#81
trans-1,4-Dichloro-2-butene
Concen: 56.32 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 75 Resp: 52455
Ion Ratio Lower Upper
75 100
53 100.5 75.0 112.6
89 44.9 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

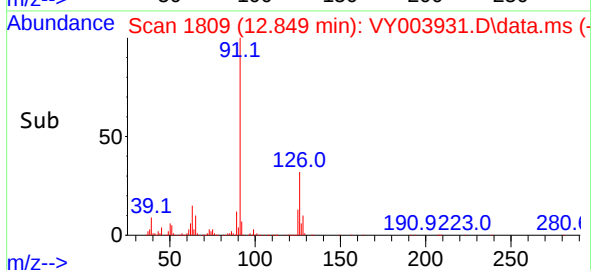
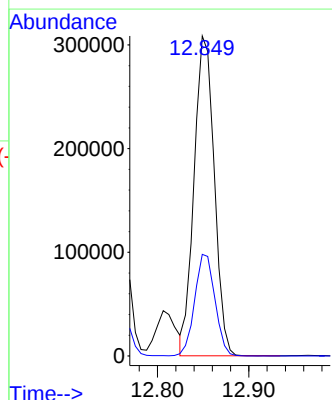
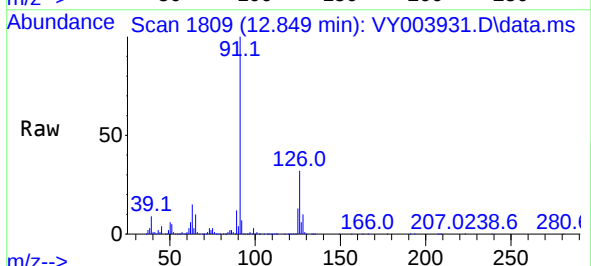
Manual Integrations
APPROVED

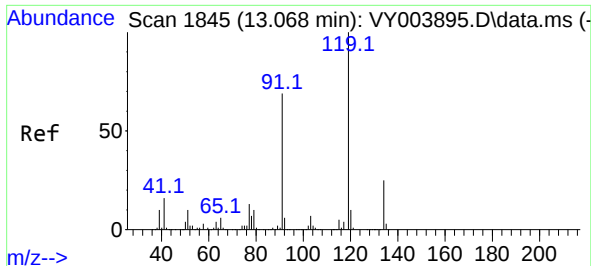
MMDadoda
1/15/2021 5:45:24 PM



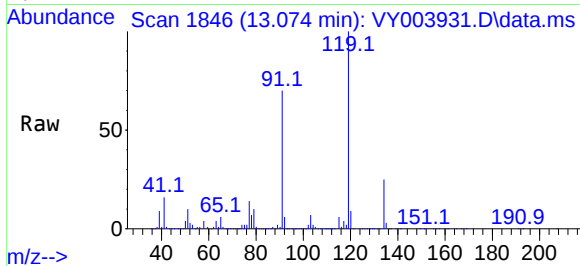
#82
4-Chlorotoluene
Concen: 56.22 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 91 Resp: 473921
Ion Ratio Lower Upper
91 100
126 32.0 17.4 52.2

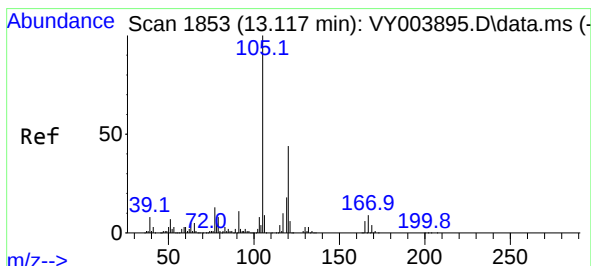
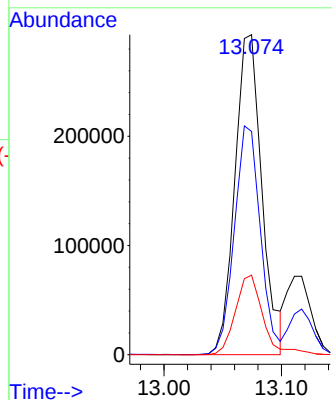
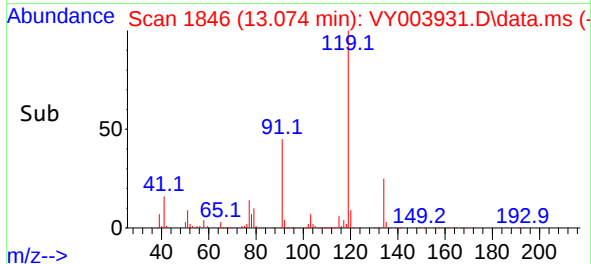




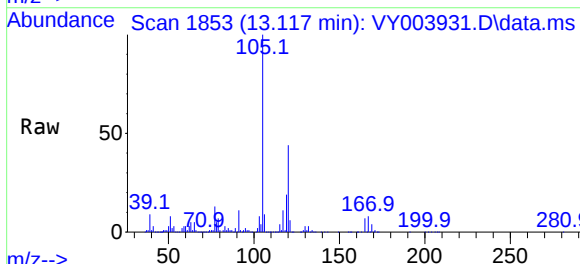
#83
tert-Butylbenzene
Concen: 54.54 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



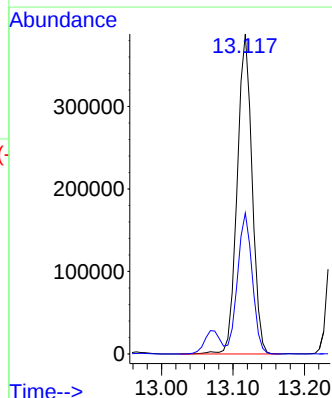
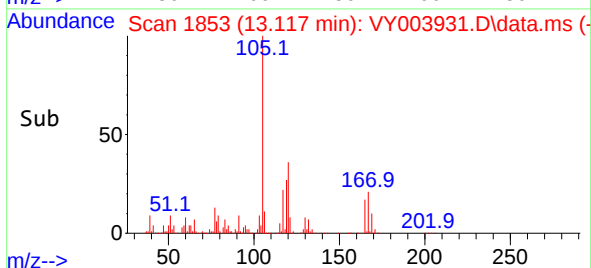
Tgt Ion:119 Resp: 468772
Ion Ratio Lower Upper
119 100
91 68.8 32.1 96.5
134 25.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 55.71 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



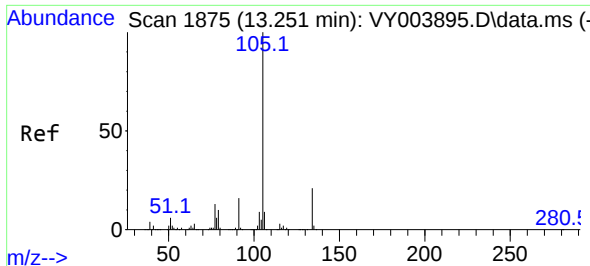
Tgt Ion:105 Resp: 561076
Ion Ratio Lower Upper
105 100
120 43.7 22.9 68.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/15/2021 5:45:24 PM



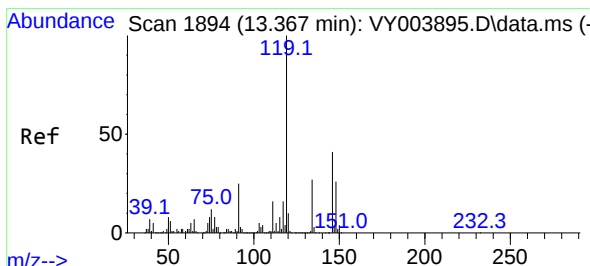
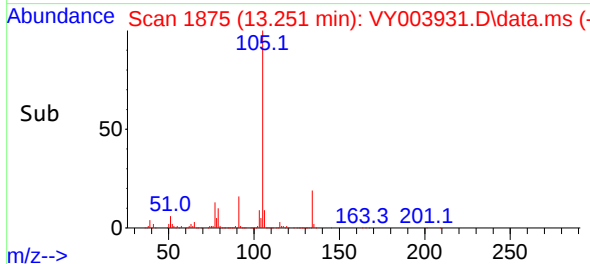
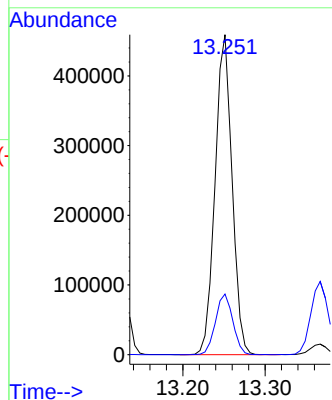
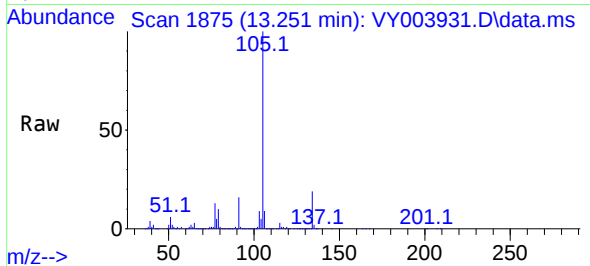
#85
sec-Butylbenzene
Concen: 55.69 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 658189
Ion Ratio Lower Upper
105 100
134 19.3 10.5 31.6

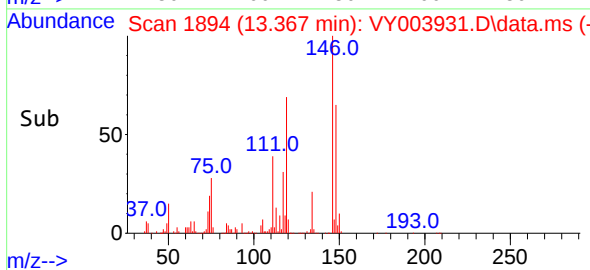
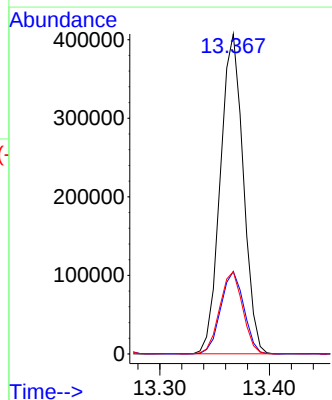
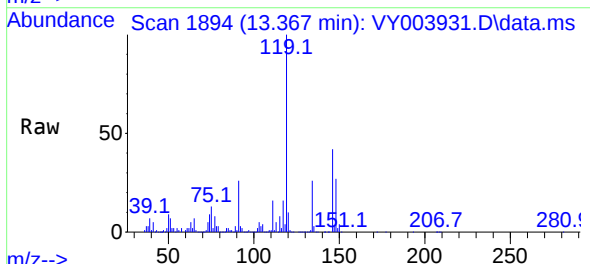
Manual Integrations
APPROVED

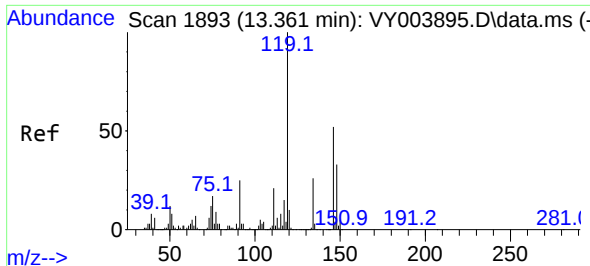
MMDadoda
1/15/2021 5:45:24 PM



#86
p-Isopropyltoluene
Concen: 53.18 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:119 Resp: 592033
Ion Ratio Lower Upper
119 100
134 25.9 13.5 40.5
91 25.6 12.3 36.8





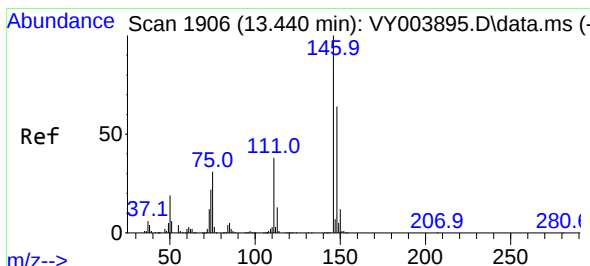
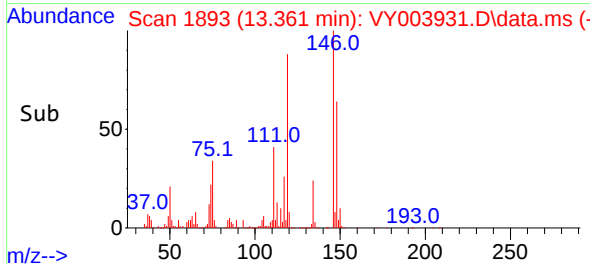
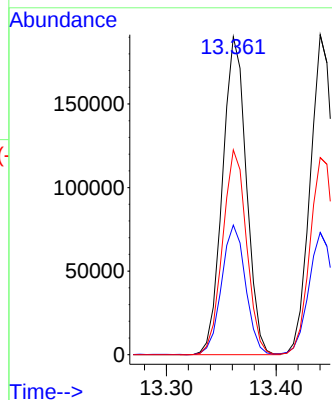
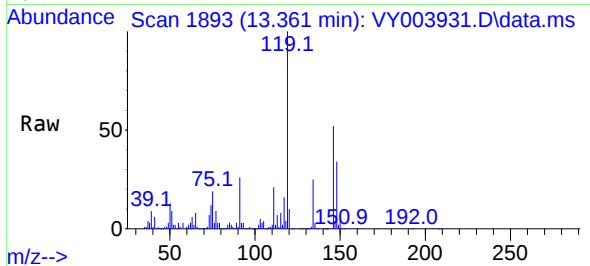
#87
1,3-Dichlorobenzene
Concen: 52.02 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:146 Resp: 287543
Ion Ratio Lower Upper
146 100
111 41.0 19.3 57.8
148 64.6 32.6 98.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

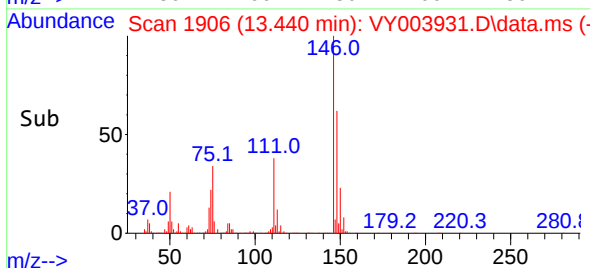
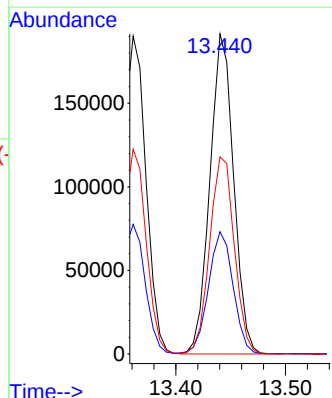
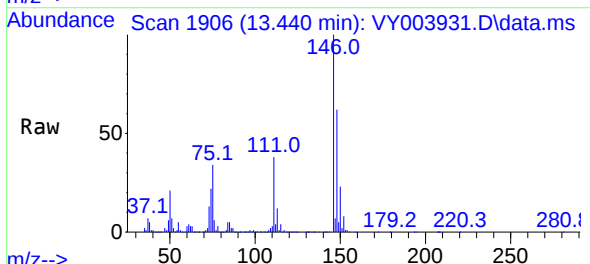
Manual Integrations
APPROVED

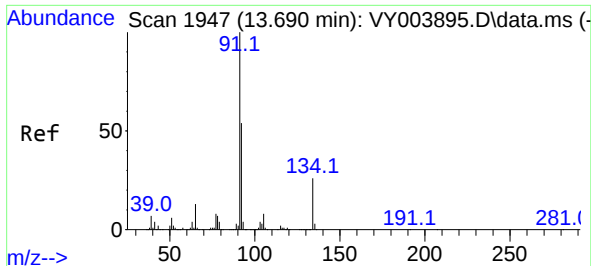
MMDadoda
1/15/2021 5:45:24 PM



#88
1,4-Dichlorobenzene
Concen: 53.17 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion:146 Resp: 288339
Ion Ratio Lower Upper
146 100
111 39.6 18.6 55.6
148 64.0 31.9 95.7





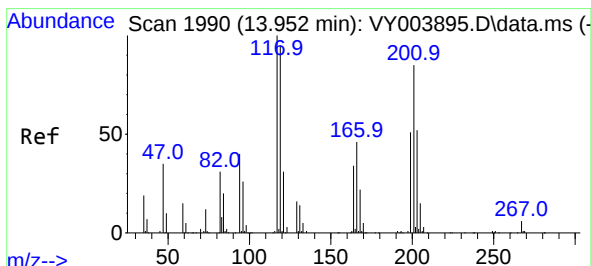
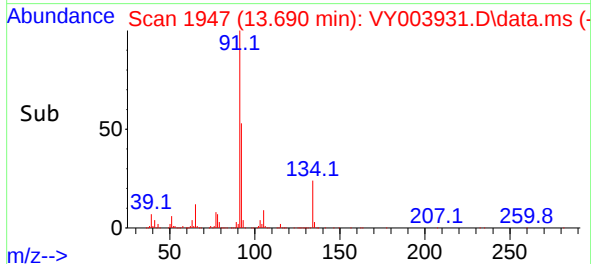
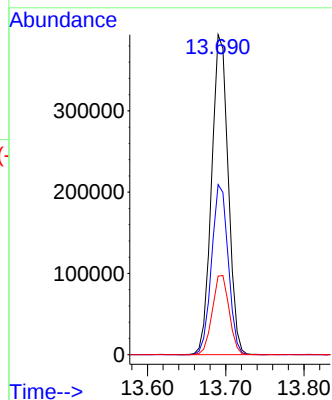
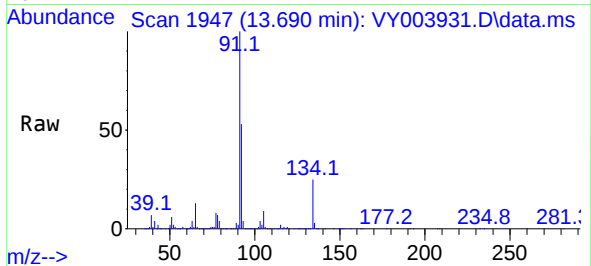
#89
n-Butylbenzene
Concen: 54.80 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

Tgt Ion: 91 Resp: 579477
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.1
134 25.1 13.9 41.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

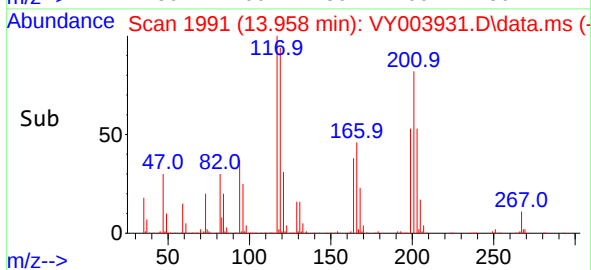
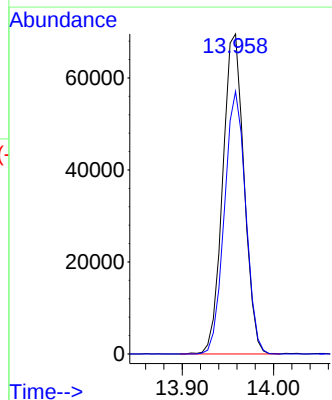
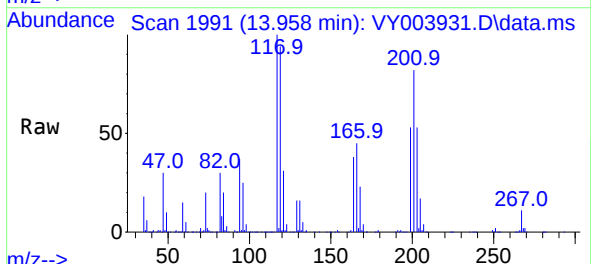
Manual Integrations
APPROVED

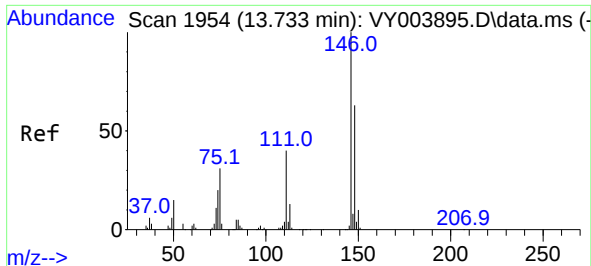
MMDadoda
1/15/2021 5:45:24 PM



#90
Hexachloroethane
Concen: 56.05 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

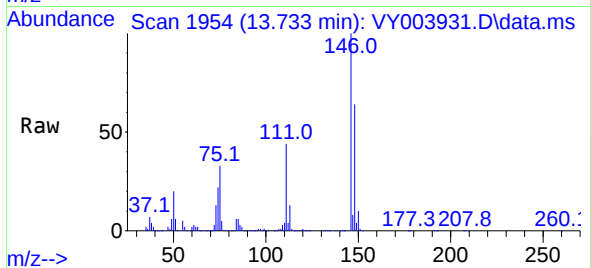
Tgt Ion: 117 Resp: 113000
Ion Ratio Lower Upper
117 100
201 81.5 46.7 140.1





#91
1,2-Dichlorobenzene
Concen: 53.95 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

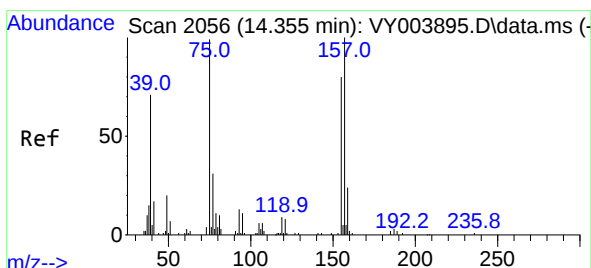
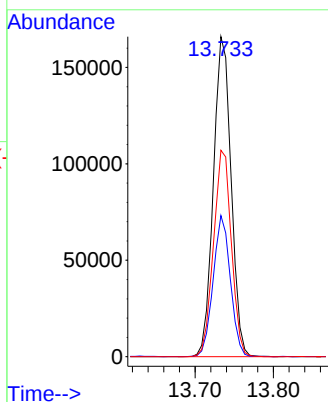
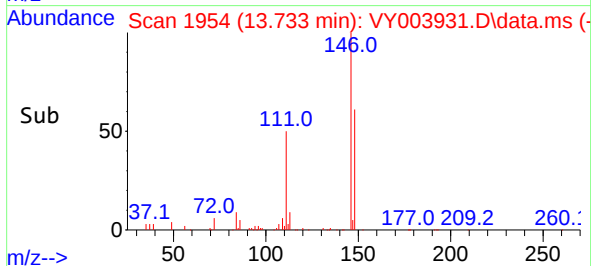
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



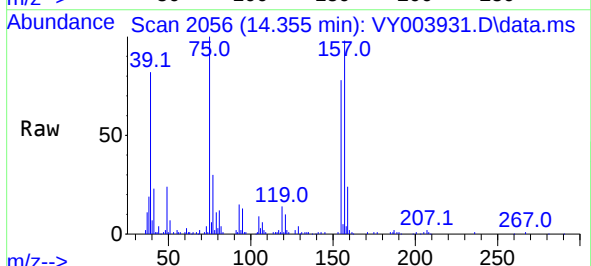
Tgt Ion:146 Resp: 260911
Ion Ratio Lower Upper
146 100
111 43.0 19.4 58.4
148 65.1 32.0 96.0

Manual Integrations
APPROVED

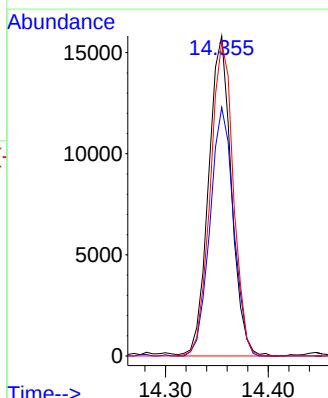
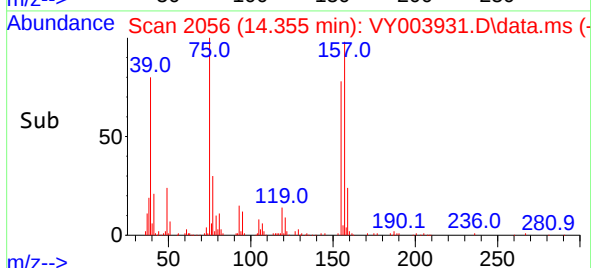
MMDadoda
1/15/2021 5:45:24 PM

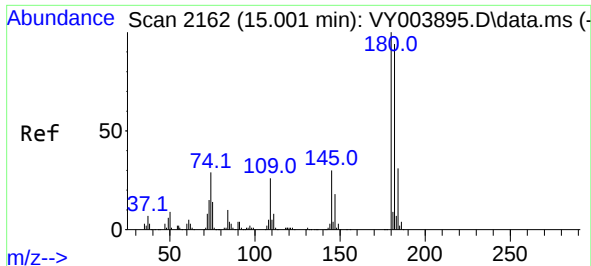


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.81 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56

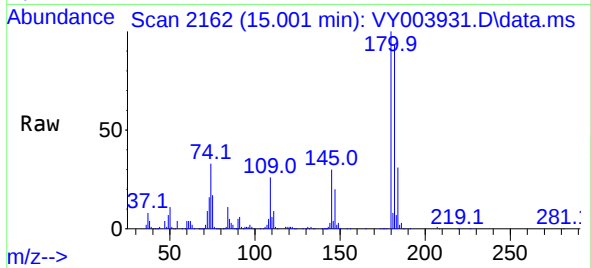


Tgt Ion: 75 Resp: 24289
Ion Ratio Lower Upper
75 100
155 80.0 47.3 141.8
157 99.3 56.8 170.4

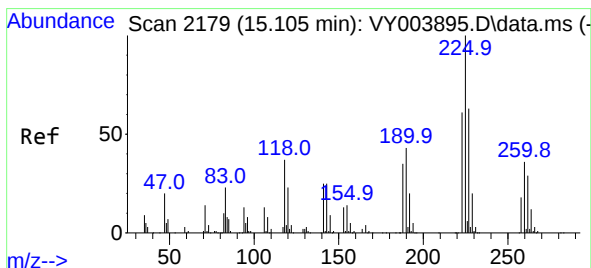
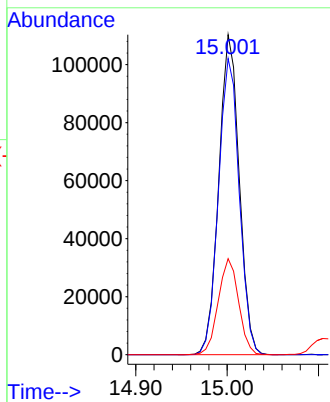
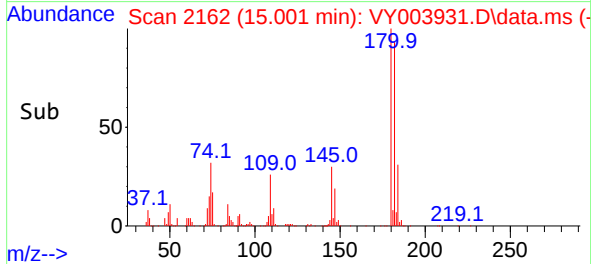




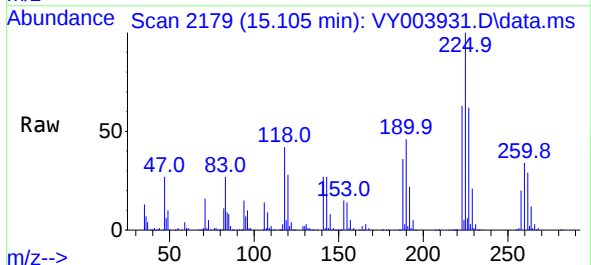
#93
1,2,4-Trichlorobenzene
Concen: 48.16 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



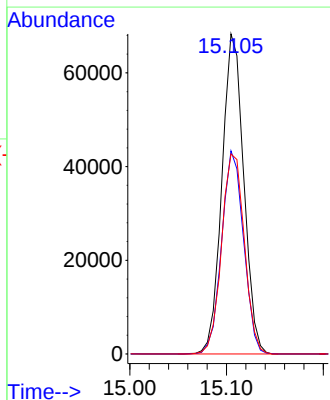
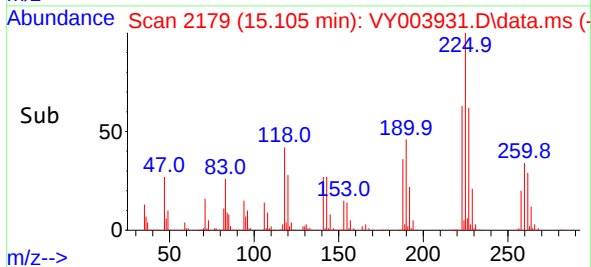
Tgt Ion:180 Resp: 171630
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.3
145 29.9 14.2 42.8



#94
Hexachlorobutadiene
Concen: 45.19 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



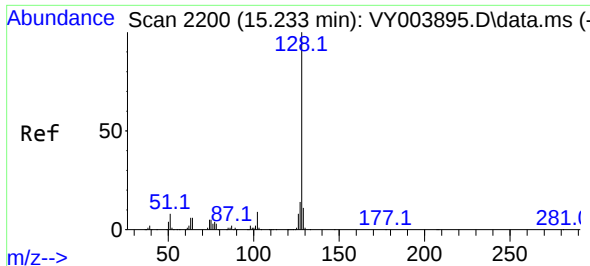
Tgt Ion:225 Resp: 106511
Ion Ratio Lower Upper
225 100
223 63.9 31.2 93.6
227 65.3 31.9 95.9



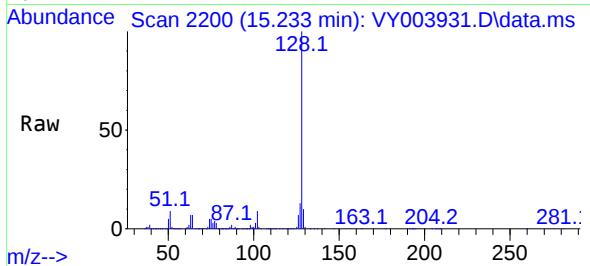
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

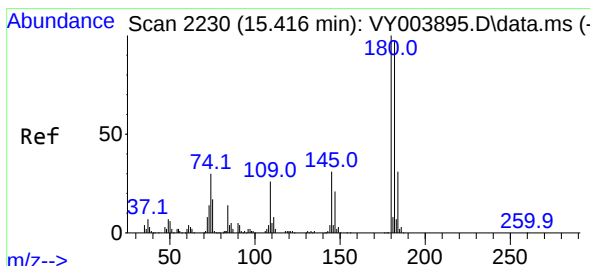
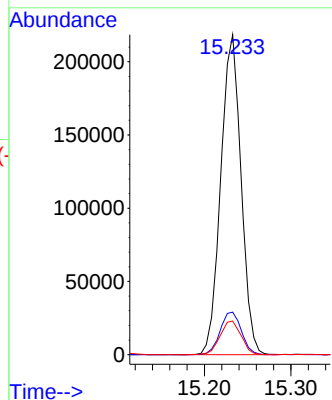
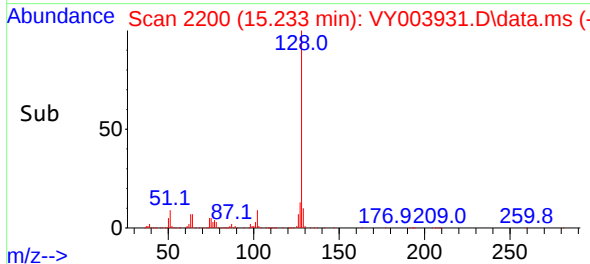
MMDadoda
1/15/2021 5:45:24 PM



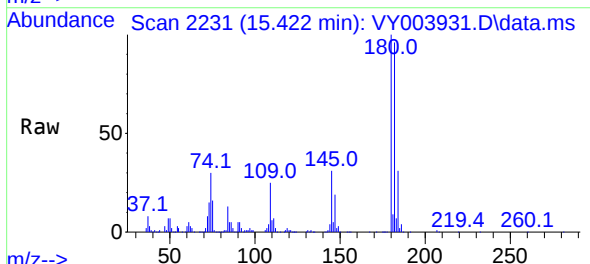
#95
Naphthalene
Concen: 52.92 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



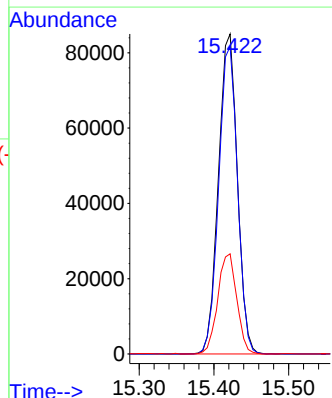
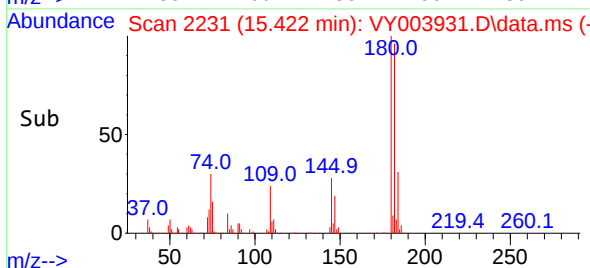
Tgt Ion:128 Resp: 355368
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.60 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.006 min
Lab File: VY003931.D
Acq: 14 Jan 2021 19:56



Tgt Ion:180 Resp: 149349
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.4
145 31.5 14.8 44.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
1/15/2021 5:45:24 PM