

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003894.D
 Acq On : 12 Jan 2021 10:23
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Jan 12 11:03:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:00:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	122867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	38384	24.00	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	48.00%#		
35) Dibromofluoromethane	7.722	113	29736	20.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.92%#		
50) Toluene-d8	10.179	98	121064	21.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	42.58%#		
62) 4-Bromofluorobenzene	12.477	95	43659	21.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	42.42%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	34759	24.58	ug/l	96
3) Chloromethane	2.119	50	43803	25.08	ug/l	96
4) Vinyl Chloride	2.253	62	45587	24.31	ug/l	98
5) Bromomethane	2.644	94	33096	23.27	ug/l	94
6) Chloroethane	2.790	64	29050	24.94	ug/l	99
7) Trichlorofluoromethane	3.125	101	61206	23.55	ug/l	96
8) Diethyl Ether	3.534	74	18361	22.50	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	31526	22.46	ug/l	95
10) Methyl Iodide	4.101	142	36710	21.56	ug/l	93
11) Tert butyl alcohol	4.960	59	20017	126.33	ug/l	97
12) 1,1-Dichloroethene	3.875	96	31022	22.90	ug/l	91
13) Acrolein	3.735	56	19659	121.33	ug/l	95
14) Allyl chloride	4.485	41	66089	26.49	ug/l	94
15) Acrylonitrile	5.168	53	51907	121.57	ug/l	96
16) Acetone	3.954	43	47348	129.23	ug/l	96
17) Carbon Disulfide	4.198	76	103662	23.67	ug/l	99
18) Methyl Acetate	4.485	43	25141	25.46	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	93556	23.57	ug/l	98
20) Methylene Chloride	4.716	84	36678	22.08	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	33918	21.89	ug/l	98
22) Diisopropyl ether	6.131	45	128938	25.90	ug/l	97
23) Vinyl Acetate	6.070	43	444241	132.70	ug/l	97
24) 1,1-Dichloroethane	6.027	63	63711	23.95	ug/l	98
25) 2-Butanone	6.997	43	74018	130.22	ug/l	94
26) 2,2-Dichloropropane	6.984	77	59694	23.81	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	37568	22.23	ug/l	93
28) Bromochloromethane	7.338	49	29373	25.39	ug/l #	10
29) Tetrahydrofuran	7.350	42	51070	131.41	ug/l	93
30) Chloroform	7.509	83	63520	23.01	ug/l	98
31) Cyclohexane	7.789	56	66550	24.85	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	58794	22.94	ug/l	96
36) 1,1-Dichloropropene	7.917	75	50580	21.96	ug/l	98
37) Ethyl Acetate	7.076	43	35523	25.90	ug/l	98
38) Carbon Tetrachloride	7.905	117	53774	21.42	ug/l	97
39) Methylcyclohexane	9.185	83	61298	21.64	ug/l	93
40) Benzene	8.167	78	140200	22.09	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	18237m	23.76	ug/l	
42) 1,2-Dichloroethane	8.240	62	48672	23.30	ug/l	98
43) Isopropyl Acetate	8.277	43	65804	25.62	ug/l	94
44) Trichloroethene	8.941	130	37580	20.12	ug/l	90
45) 1,2-Dichloropropane	9.216	63	37106	23.30	ug/l	98
46) Dibromomethane	9.307	93	19598	21.21	ug/l	93
47) Bromodichloromethane	9.496	83	50423	22.09	ug/l	97
48) Methyl methacrylate	9.295	41	30749	25.07	ug/l	89
49) 1,4-Dioxane	9.301	88	5236	442.06	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	173110	127.73	ug/l	94
52) Toluene	10.240	92	86981	21.25	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	53643	22.01	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	59734	21.82	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	27638	21.19	ug/l	94
56) Ethyl methacrylate	10.508	69	40960	22.88	ug/l	91
57) 1,3-Dichloropropane	10.789	76	48981	21.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	107387	121.82	ug/l	95
59) 2-Hexanone	10.831	43	120117	128.31	ug/l	93
60) Dibromochloromethane	10.984	129	34528	20.39	ug/l	98
61) 1,2-Dibromoethane	11.087	107	27123	21.09	ug/l	99
64) Tetrachloroethene	10.715	164	41094	19.27	ug/l	93
65) Chlorobenzene	11.514	112	90846	20.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	34773	19.97	ug/l	99
67) Ethyl Benzene	11.593	91	173709	21.54	ug/l	100
68) m/p-Xylenes	11.703	106	127405	41.33	ug/l	93
69) o-Xylene	12.026	106	60999	21.18	ug/l	99
70) Styrene	12.044	104	103341	21.08	ug/l	97
71) Bromoform	12.209	173	23094	19.63	ug/l #	98
73) Isopropylbenzene	12.325	105	168810	21.66	ug/l	99
74) N-amyl acetate	12.142	43	60318	26.02	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	32005	22.47	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	25472m	22.63	ug/l	
77) Bromobenzene	12.605	156	40658	20.26	ug/l	88
78) n-propylbenzene	12.666	91	203485	22.17	ug/l	99
79) 2-Chlorotoluene	12.752	91	114666	21.95	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	147553	22.10	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	13690	23.51	ug/l #	89
82) 4-Chlorotoluene	12.849	91	122326	22.23	ug/l	98
83) tert-Butylbenzene	13.075	119	122526	21.31	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	145908	21.87	ug/l	99
85) sec-Butylbenzene	13.251	105	172571	22.14	ug/l	99
86) p-Isopropyltoluene	13.367	119	164053	21.97	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	79239	20.64	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	77212	20.51	ug/l	97
89) n-Butylbenzene	13.690	91	157663	23.15	ug/l	96
90) Hexachloroethane	13.959	117	28465	20.78	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	69724	20.57	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6445	22.17	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	51548	20.70	ug/l	99
94) Hexachlorobutadiene	15.105	225	33911	20.23	ug/l	98
95) Naphthalene	15.227	128	95804	21.73	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	45519	20.99	ug/l	96

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Response via : Initial Calibration

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

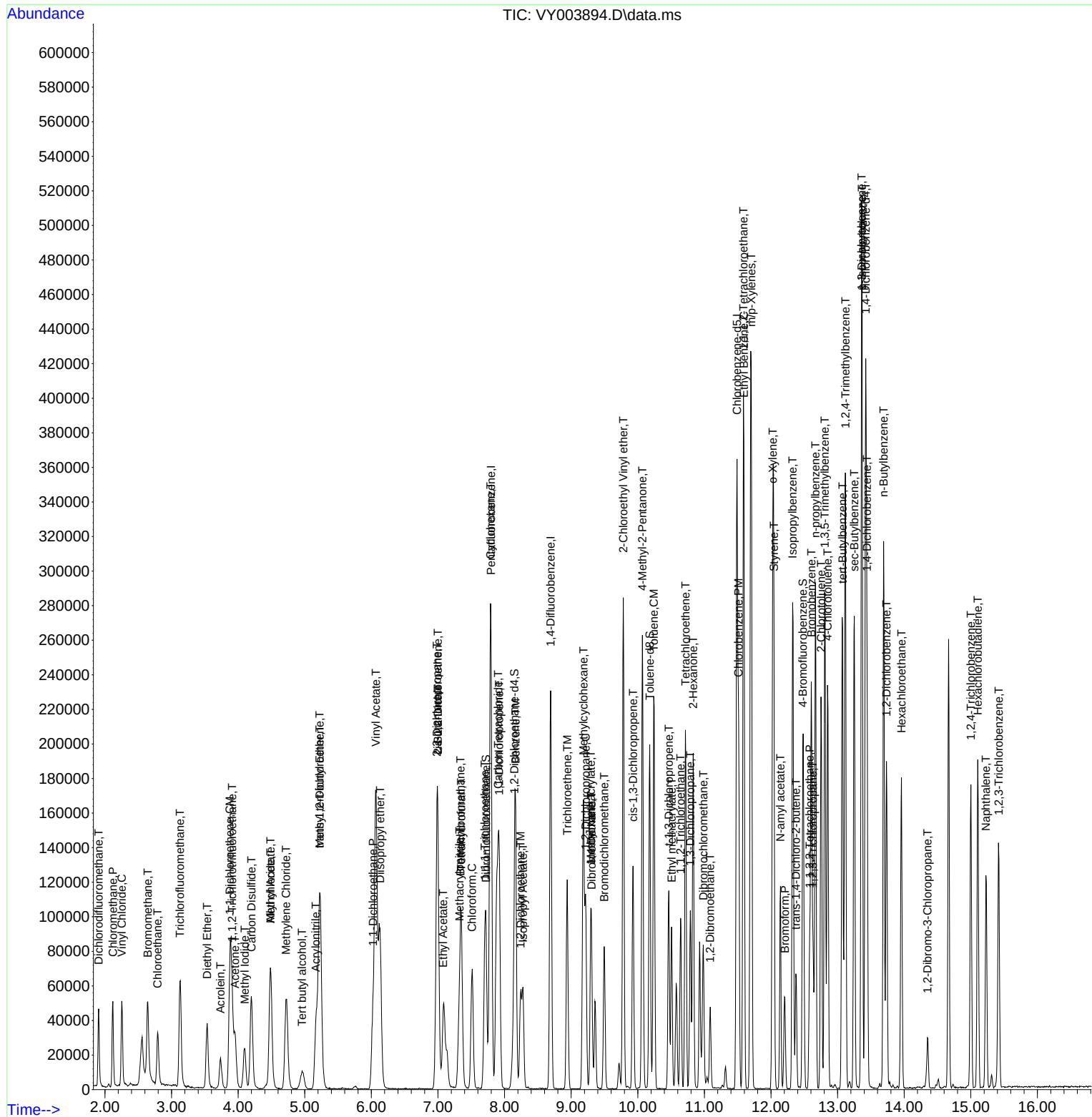
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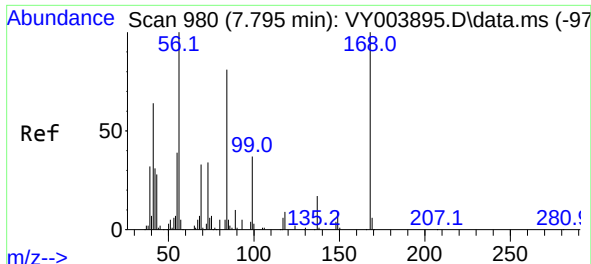
Instrument :
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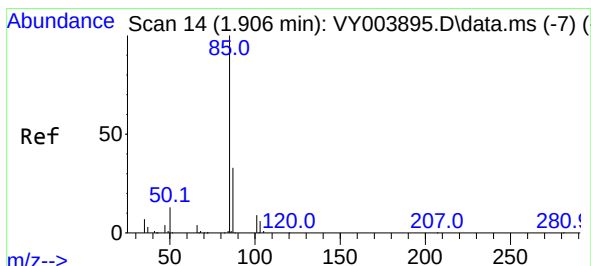
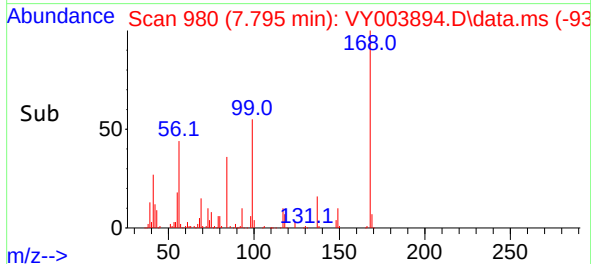
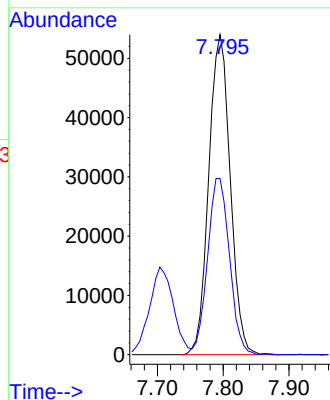
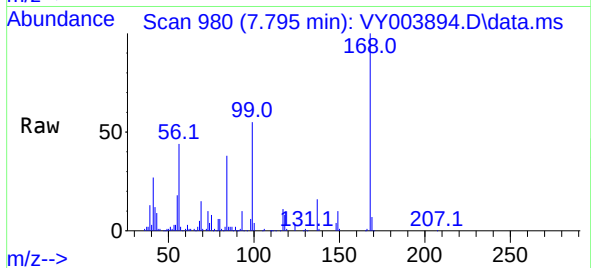
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 168 Resp: 122867
Ion Ratio Lower Upper
168 100
99 55.0 40.4 60.6

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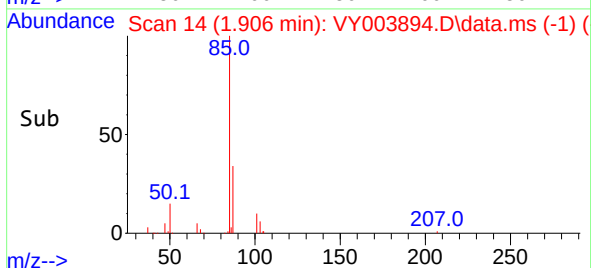
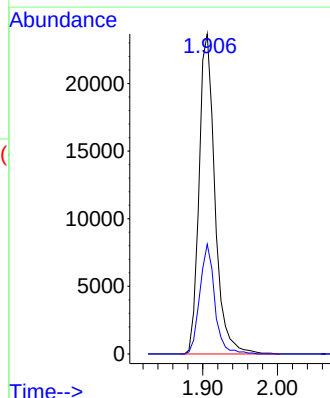
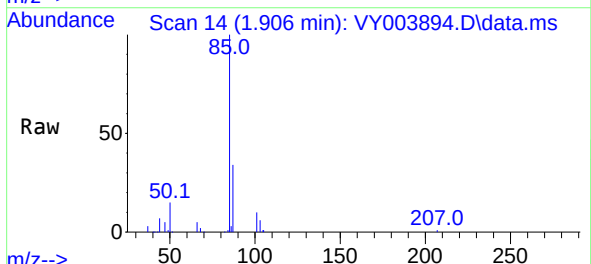
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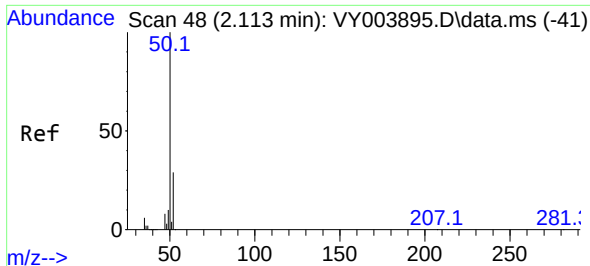
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#2
Dichlorodifluoromethane
Concen: 24.58 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 85 Resp: 34759
Ion Ratio Lower Upper
85 100
87 34.3 15.9 47.7





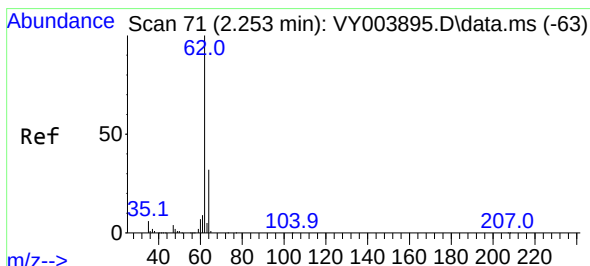
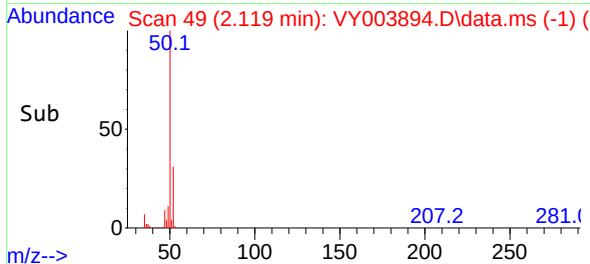
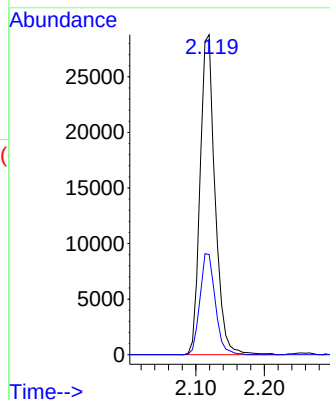
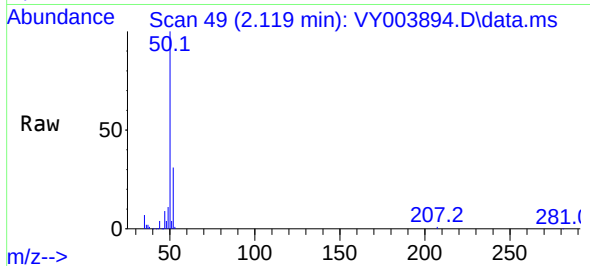
#3
Chloromethane
Concen: 25.08 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 50 Resp: 43803
Ion Ratio Lower Upper
50 100
52 31.3 26.6 40.0

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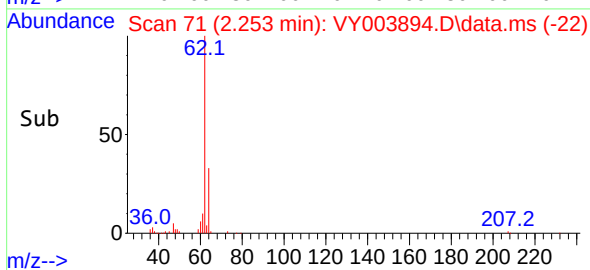
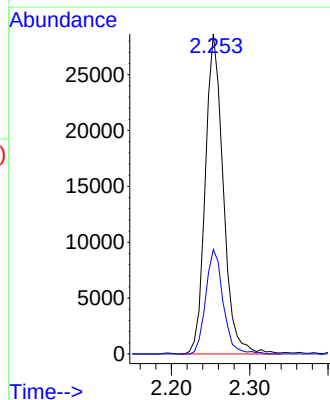
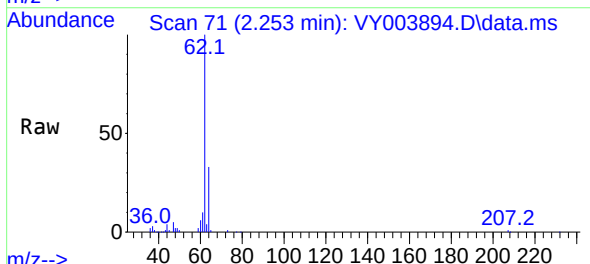
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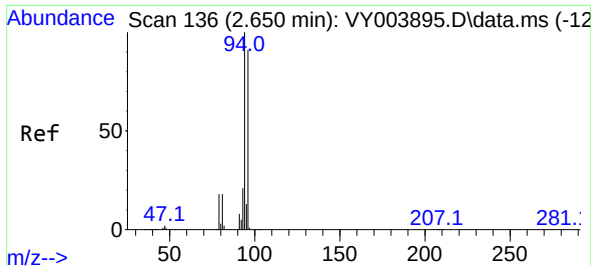
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#4
Vinyl Chloride
Concen: 24.31 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 62 Resp: 45587
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





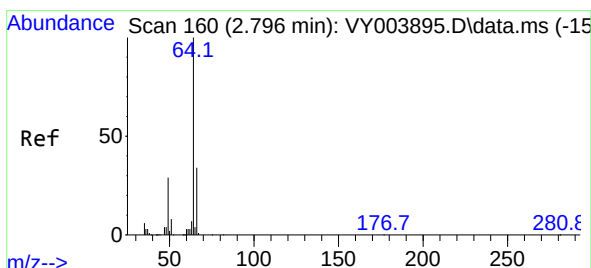
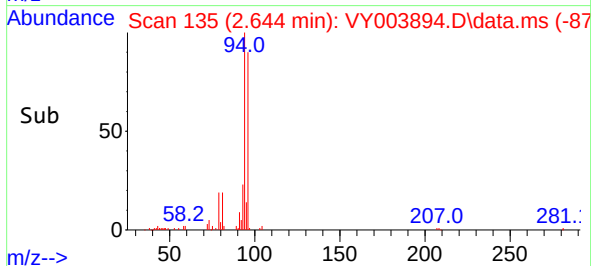
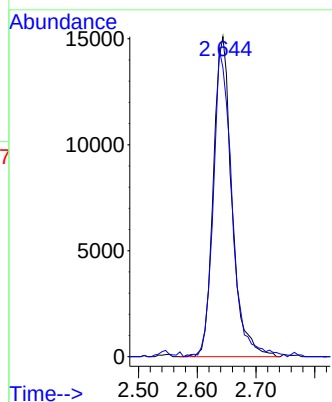
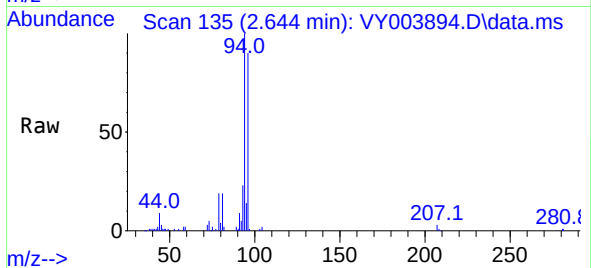
#5
Bromomethane
Concen: 23.27 ug/l
RT: 2.644 min Scan# 135
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 94 Resp: 33096
Ion Ratio Lower Upper
94 100
96 89.4 76.2 114.4

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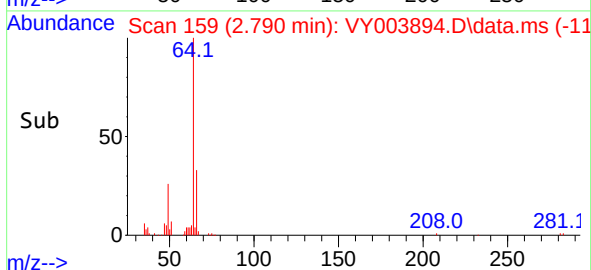
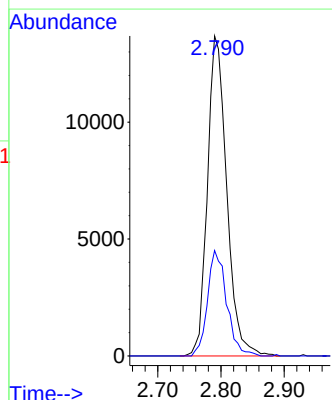
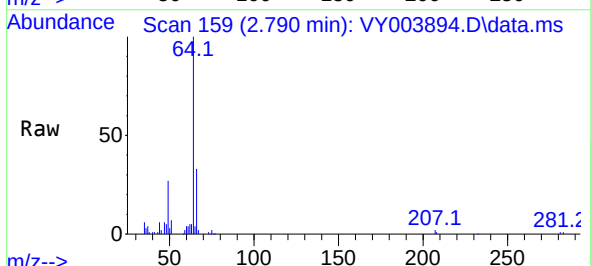
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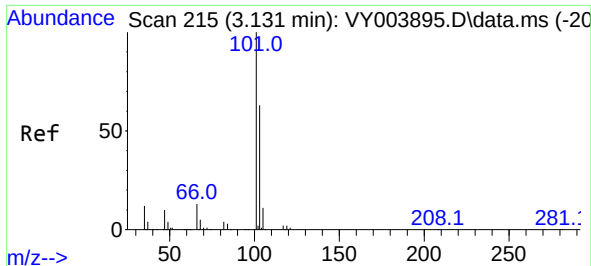
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#6
Chloroethane
Concen: 24.94 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 64 Resp: 29050
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.8





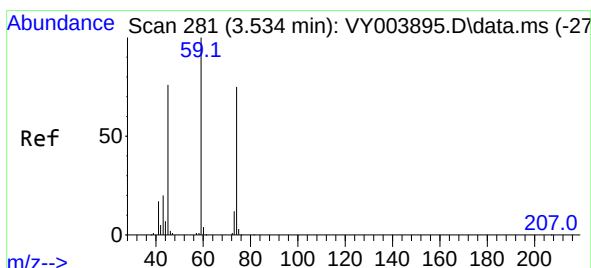
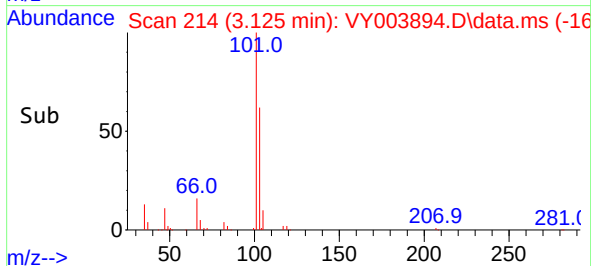
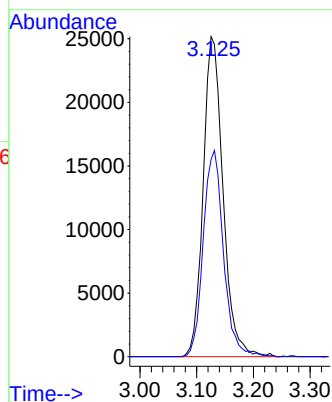
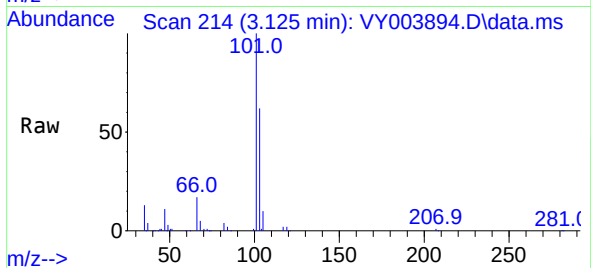
#7
Trichlorofluoromethane
Concen: 23.55 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 101 Resp: 61206
Ion Ratio Lower Upper
101 100
103 61.6 51.6 77.4

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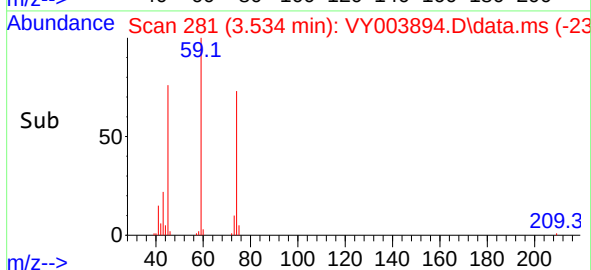
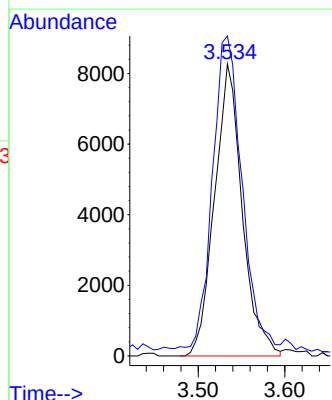
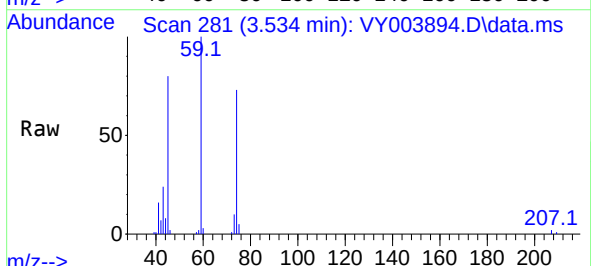
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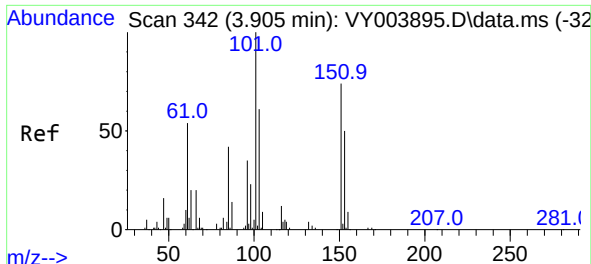
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#8
Diethyl Ether
Concen: 22.50 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 74 Resp: 18361
Ion Ratio Lower Upper
74 100
45 113.5 51.9 155.8





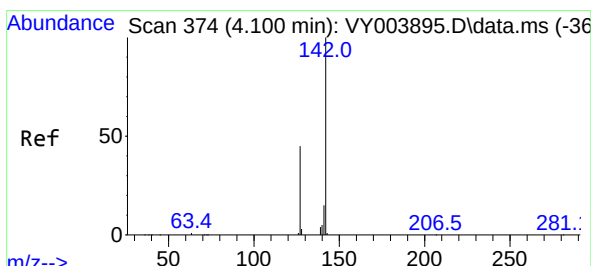
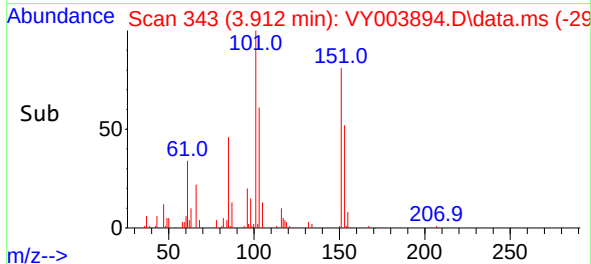
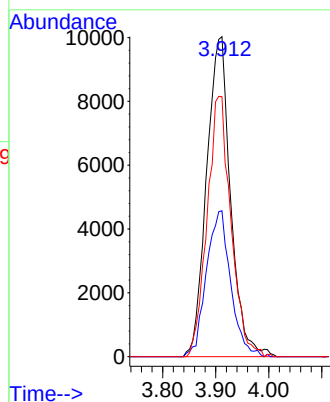
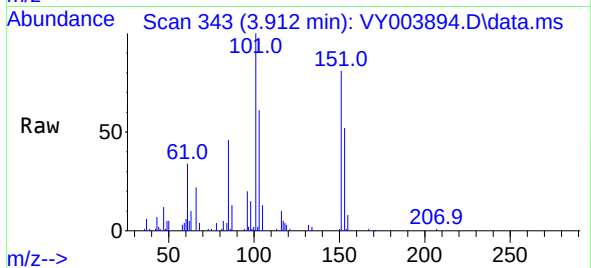
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.46 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:101 Resp: 31526
Ion Ratio Lower Upper
101 100
85 46.1 34.8 52.2
151 80.7 68.1 102.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

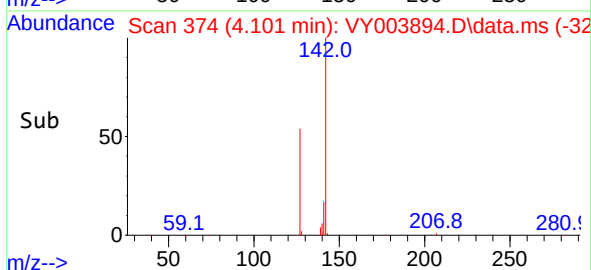
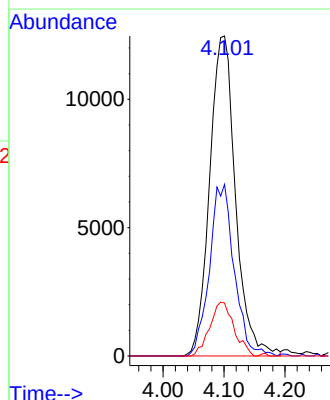
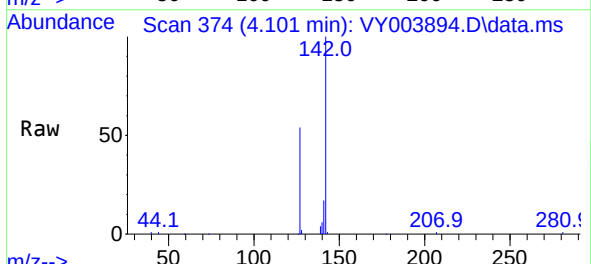
Manual Integrations
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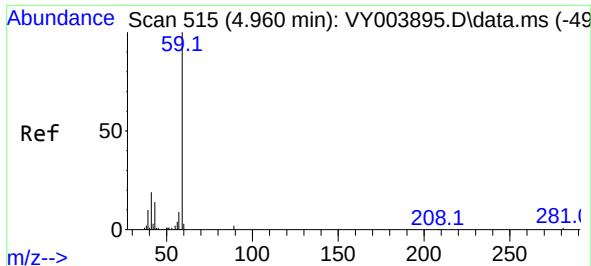
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#10
Methyl Iodide
Concen: 21.56 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:142 Resp: 36710
Ion Ratio Lower Upper
142 100
127 51.3 36.8 55.2
141 15.8 11.9 17.9





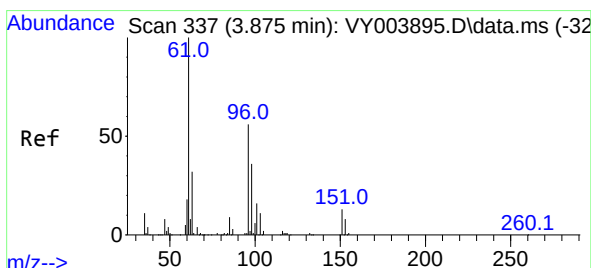
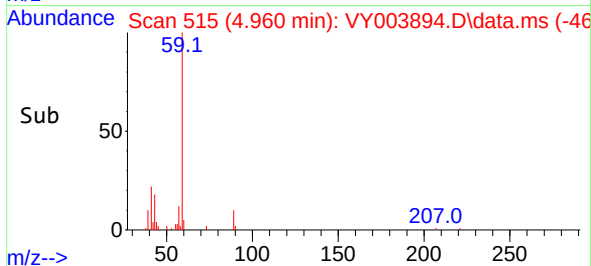
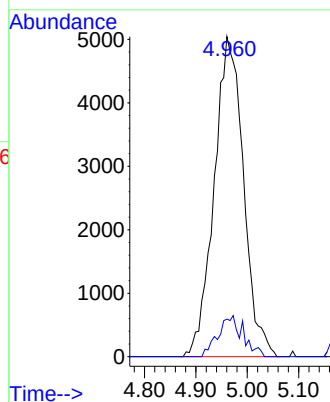
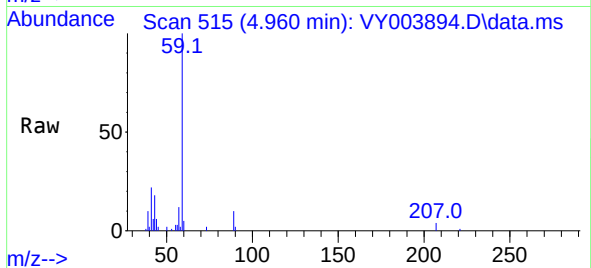
#11
Tert butyl alcohol
Concen: 126.33 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 59 Resp: 20017
Ion Ratio Lower Upper
59 100
57 10.9 7.9 11.9

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

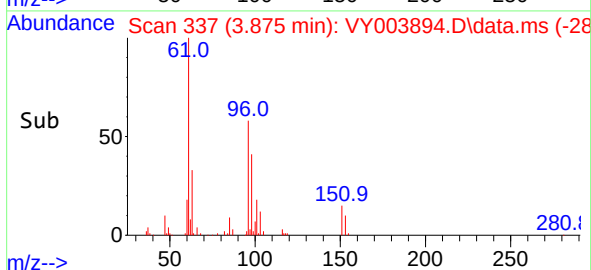
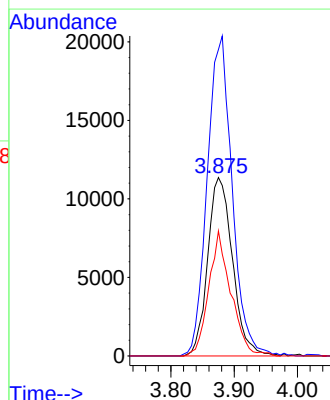
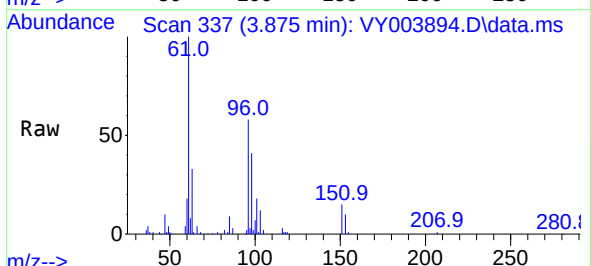
Manual Integrations
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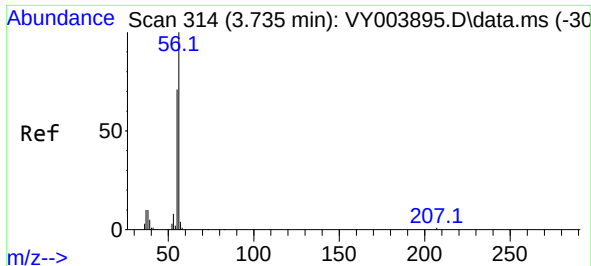
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#12
1,1-Dichloroethene
Concen: 22.90 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 96 Resp: 31022
Ion Ratio Lower Upper
96 100
61 171.8 128.6 192.8
98 70.0 50.2 75.2





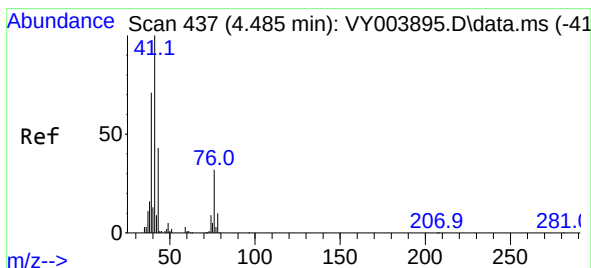
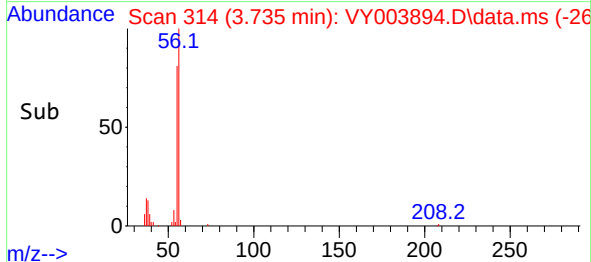
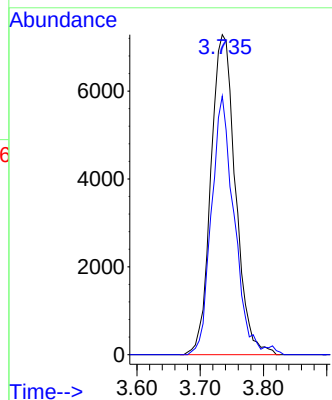
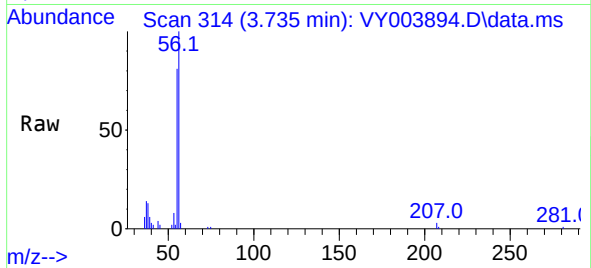
#13
Acrolein
Concen: 121.33 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 56 Resp: 19659
Ion Ratio Lower Upper
56 100
55 74.7 56.5 84.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

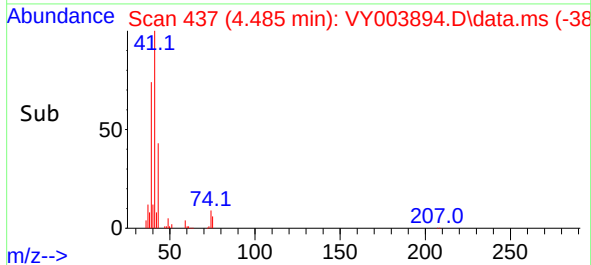
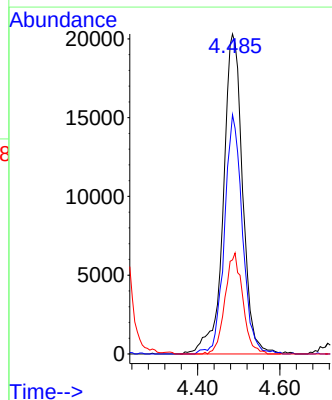
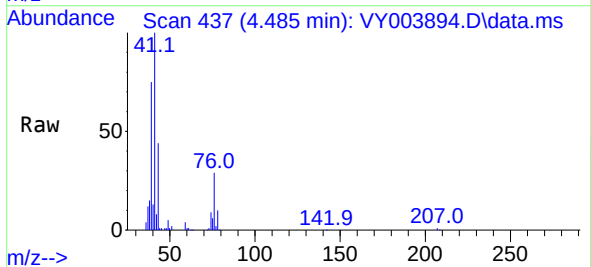
Manual Integrations
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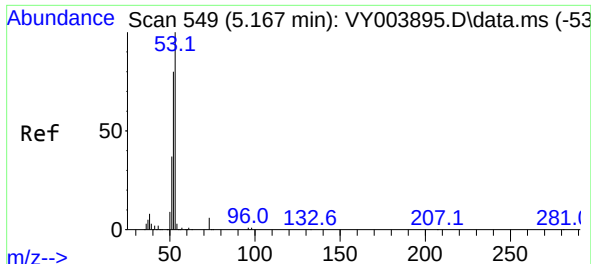
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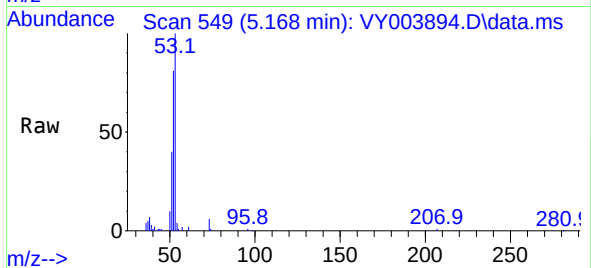
#14
Allyl chloride
Concen: 26.49 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 41 Resp: 66089
Ion Ratio Lower Upper
41 100
39 69.7 52.9 79.3
76 29.0 26.8 40.2

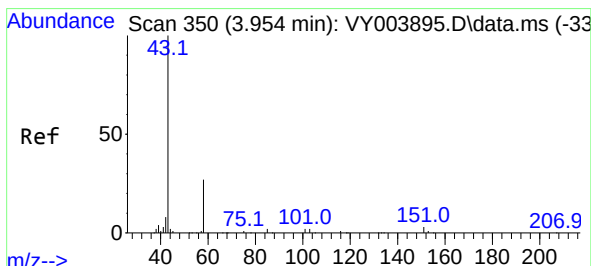
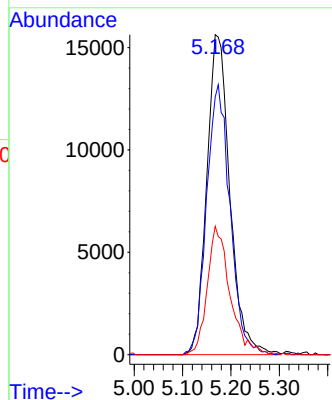
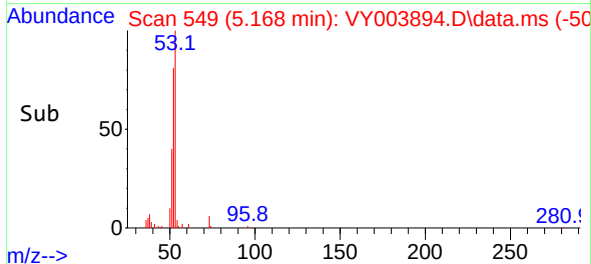




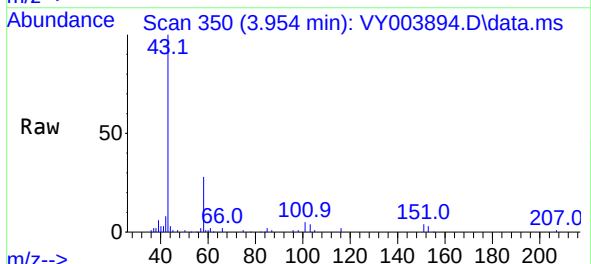
#15
Acrylonitrile
Concen: 121.57 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



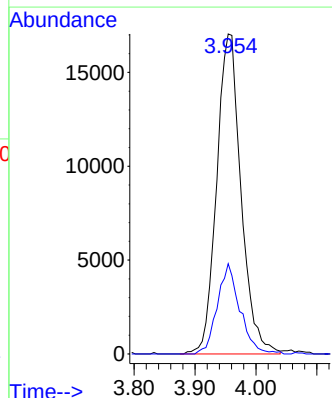
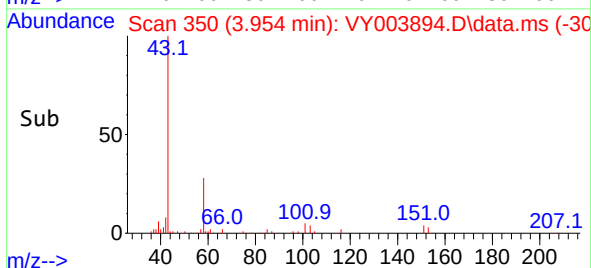
Tgt Ion: 53 Resp: 51907
Ion Ratio Lower Upper
53 100
52 85.3 65.4 98.2
51 39.5 29.0 43.6



#16
Acetone
Concen: 129.23 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



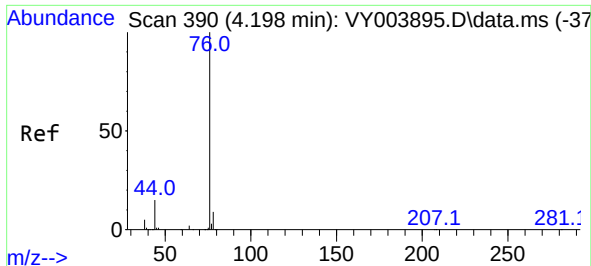
Tgt Ion: 43 Resp: 47348
Ion Ratio Lower Upper
43 100
58 28.2 24.5 36.7



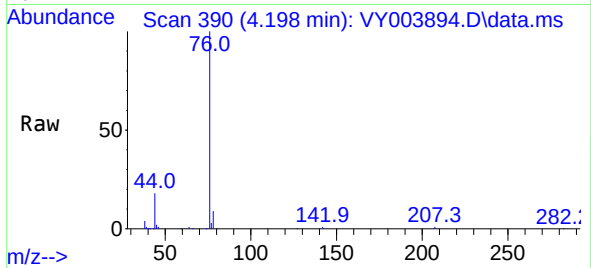
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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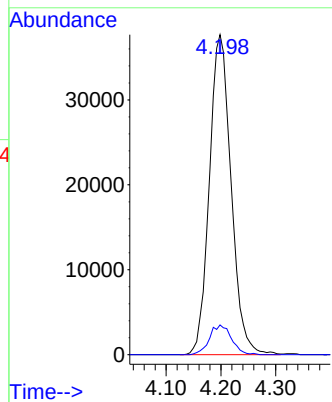
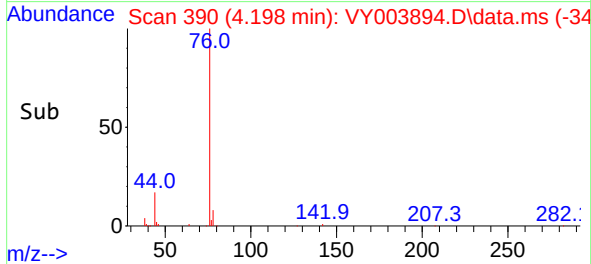
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#17
Carbon Disulfide
Concen: 23.67 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



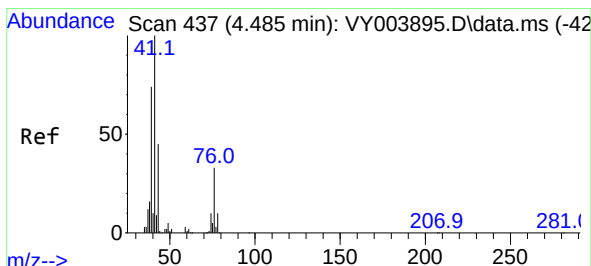
Tgt Ion: 76 Resp: 103662
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



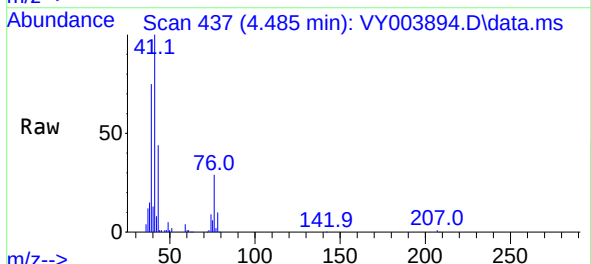
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

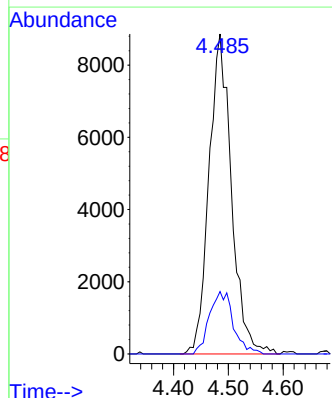
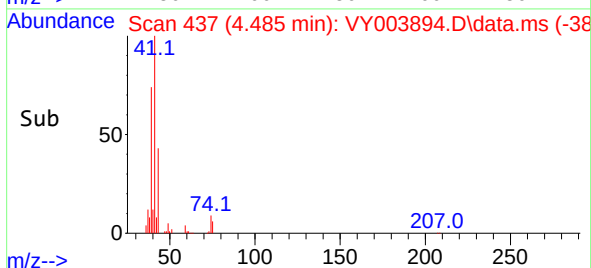
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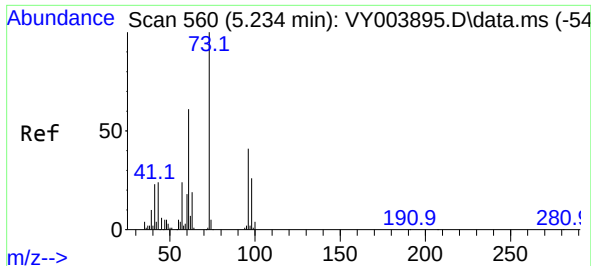


#18
Methyl Acetate
Concen: 25.46 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



Tgt Ion: 43 Resp: 25141
Ion Ratio Lower Upper
43 100
74 20.8 17.8 26.6





#19

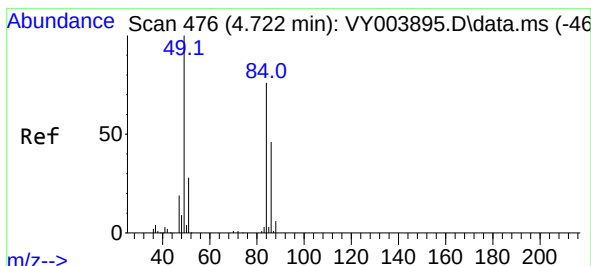
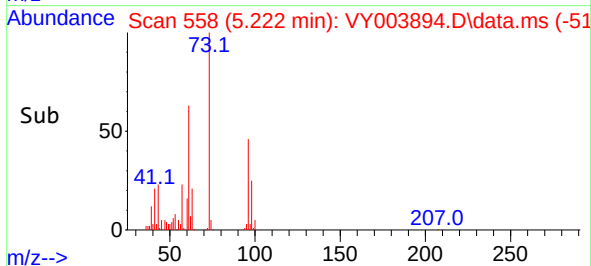
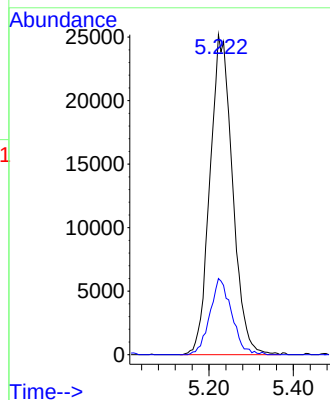
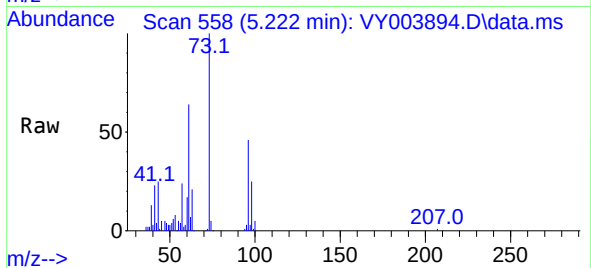
Methyl tert-butyl Ether
Concen: 23.57 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.012 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 73 Resp: 93556
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

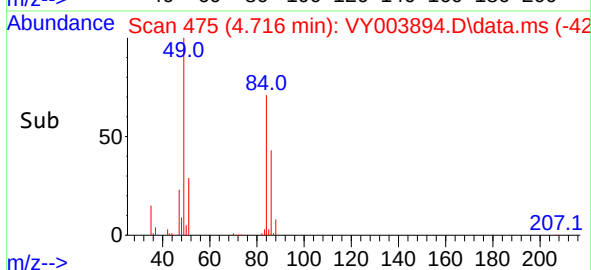
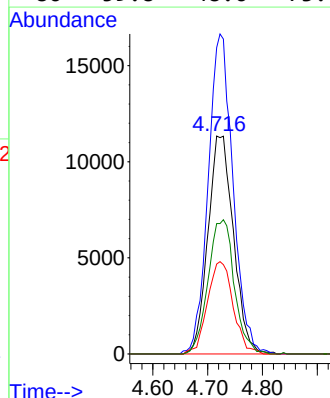
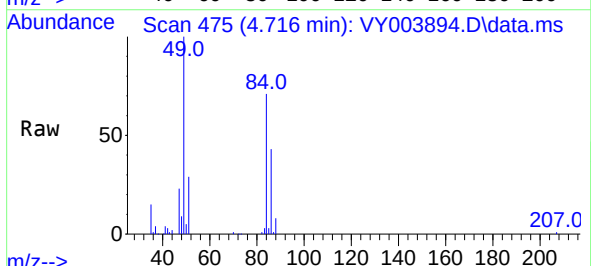
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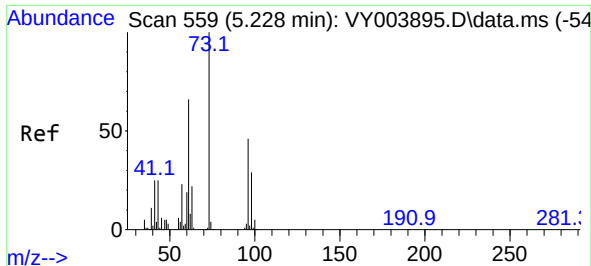


#20

Methylene Chloride
Concen: 22.08 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 84 Resp: 36678
Ion Ratio Lower Upper
84 100
49 140.6 98.0 147.0
51 41.2 30.5 45.7
86 59.8 48.6 73.0





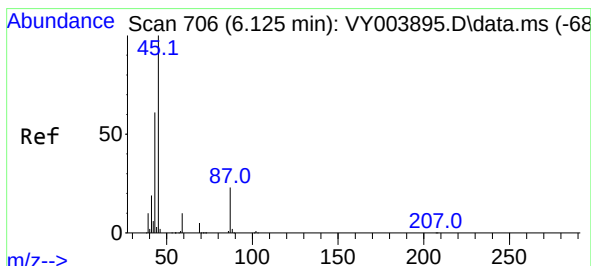
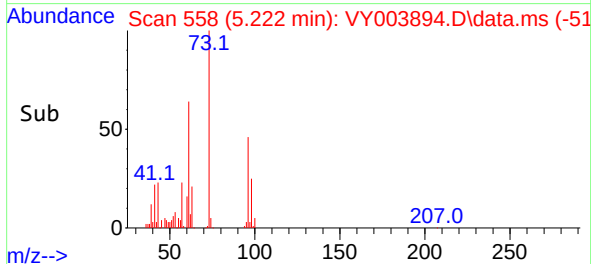
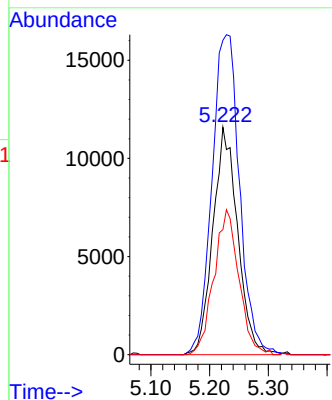
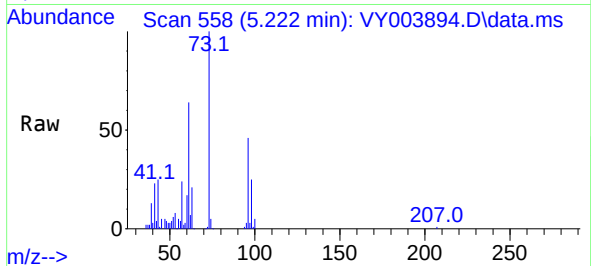
#21
trans-1,2-Dichloroethene
Concen: 21.89 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 96 Resp: 33918
Ion Ratio Lower Upper
96 100
61 138.2 110.4 165.6
98 55.0 47.4 71.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

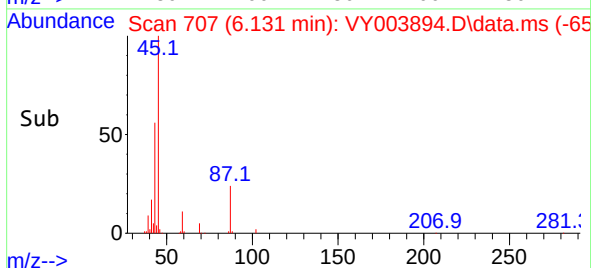
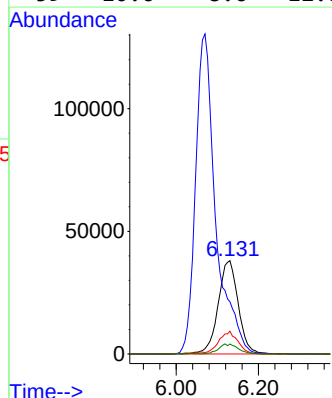
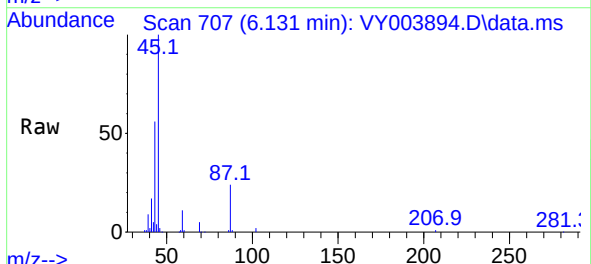
Manual Integrations
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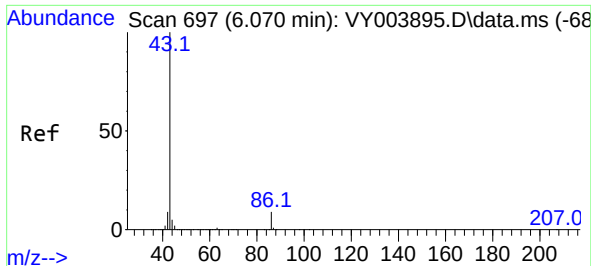
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#22
Diisopropyl ether
Concen: 25.90 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 45 Resp: 128938
Ion Ratio Lower Upper
45 100
43 55.8 46.2 69.4
87 24.3 21.7 32.5
59 10.6 8.6 12.8



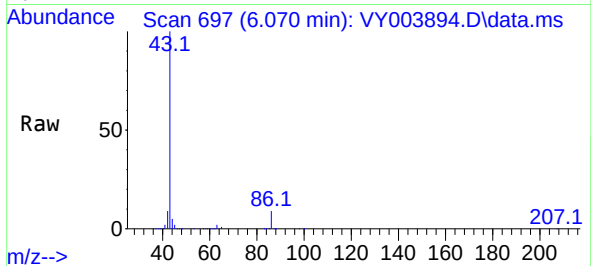


#23
 Vinyl Acetate
 Concen: 132.70 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY003894.D
 Acq: 12 Jan 2021 10:23

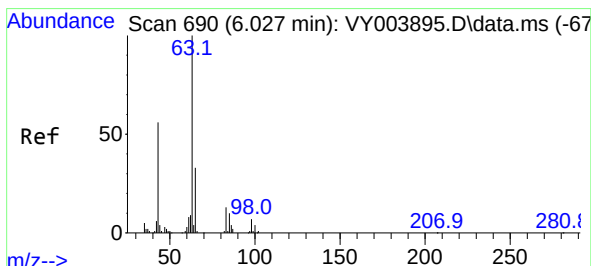
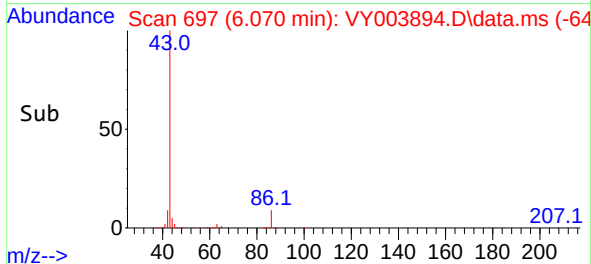
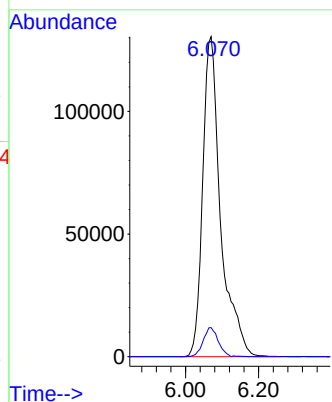
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
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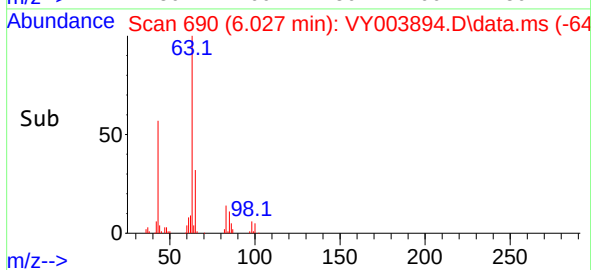
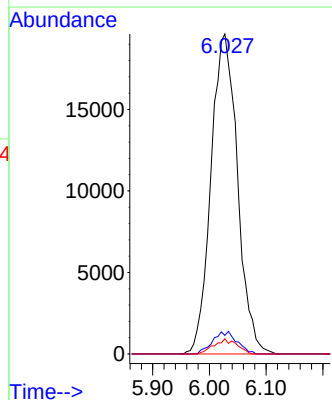
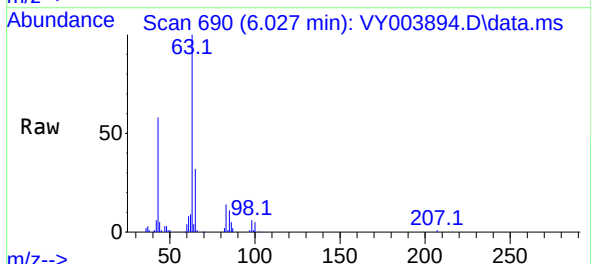


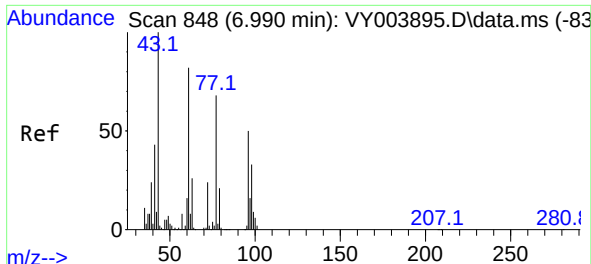
Tgt Ion: 43 Resp: 444241
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 23.95 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY003894.D
 Acq: 12 Jan 2021 10:23

Tgt Ion: 63 Resp: 63711
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 4.7 2.1 6.3





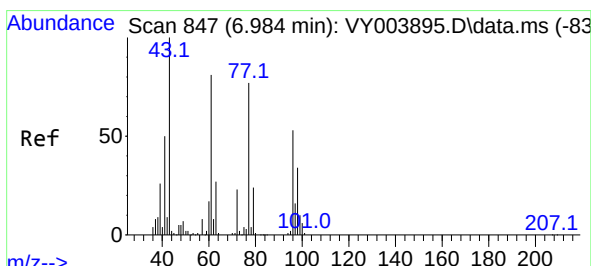
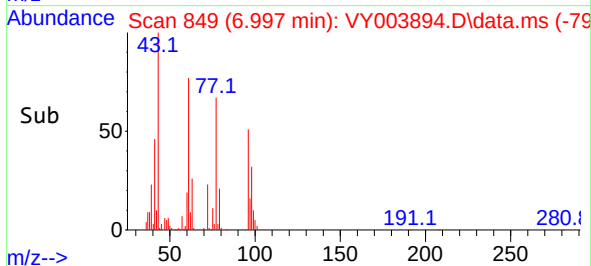
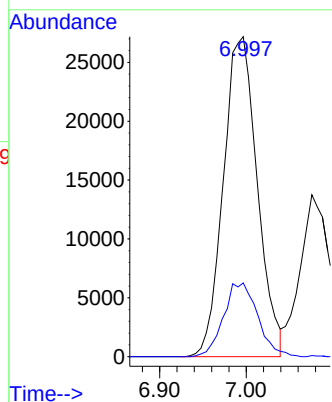
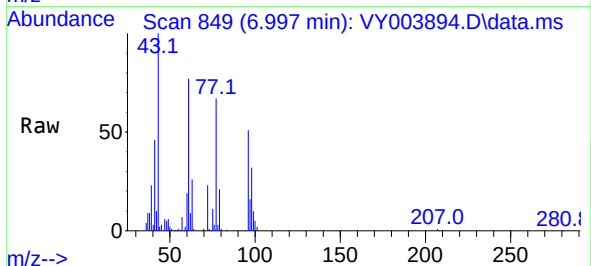
#25
2-Butanone
Concen: 130.22 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 43 Resp: 74018
Ion Ratio Lower Upper
43 100
72 23.1 21.0 31.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

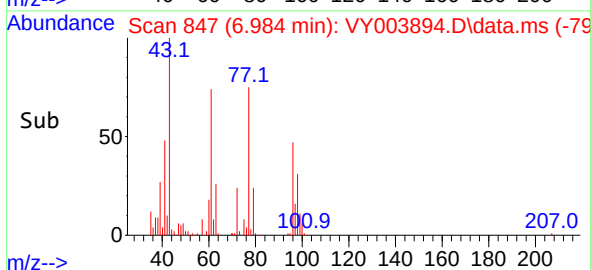
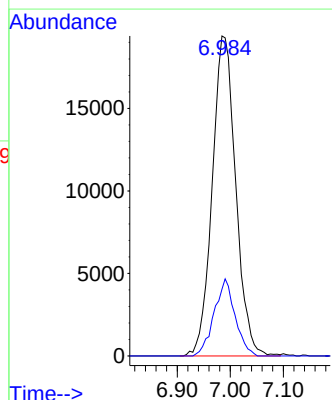
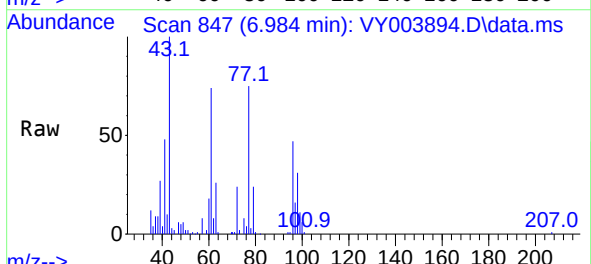
Manual Integrations
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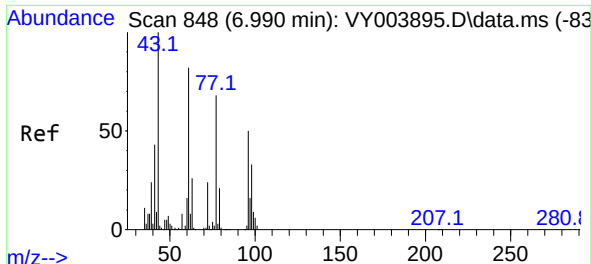
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#26
2,2-Dichloropropane
Concen: 23.81 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 77 Resp: 59694
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.1





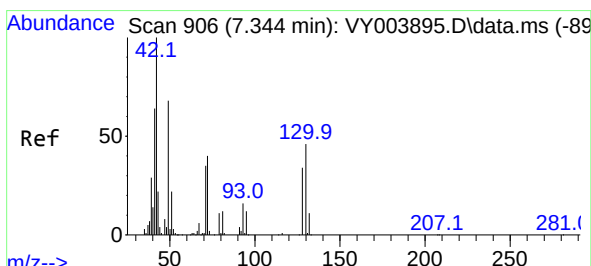
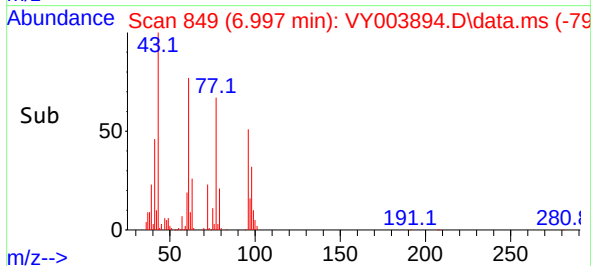
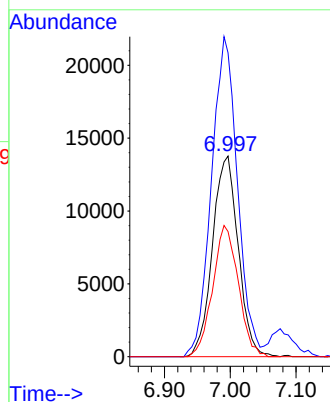
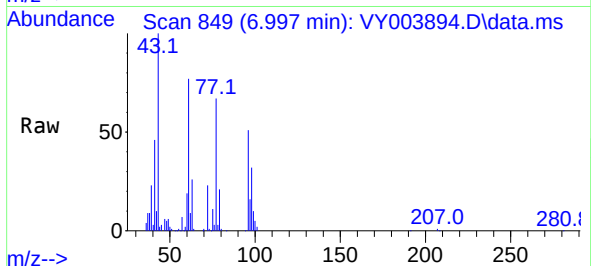
#27
cis-1,2-Dichloroethene
Concen: 22.23 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:	96	Resp:	37568
Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	297.8
98	65.1	0.0	130.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

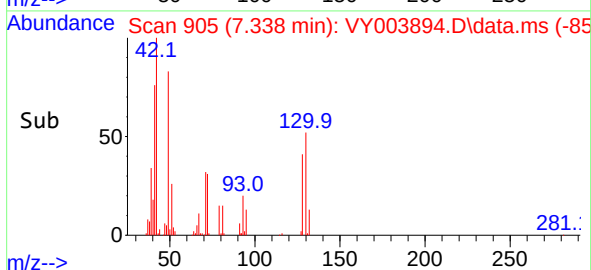
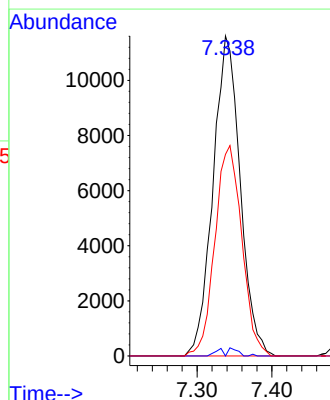
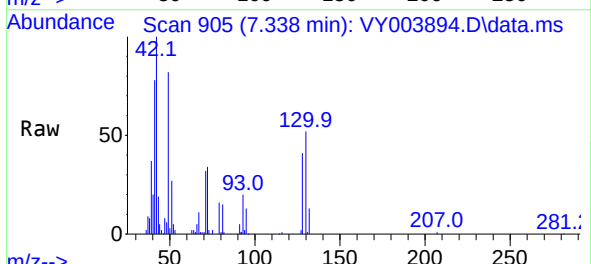
Manual Integrations
APPROVED

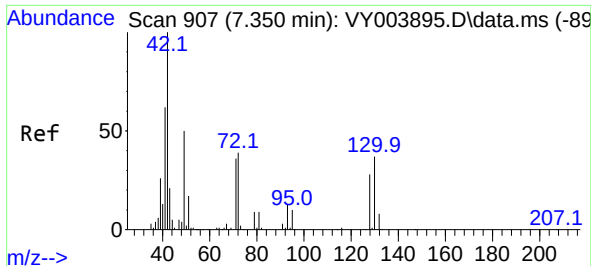
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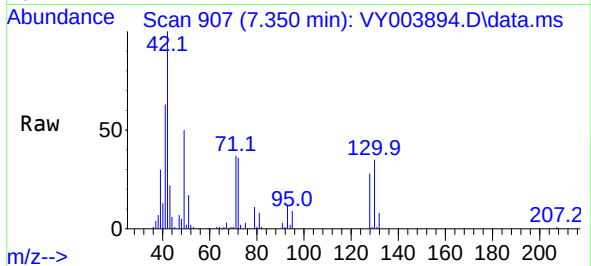
#28
Bromochloromethane
Concen: 25.39 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:	49	Resp:	29373
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.2
130	0.0	65.7	98.5#

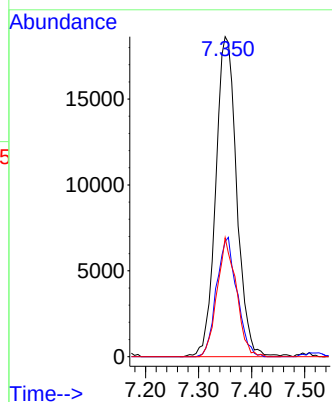




#29
Tetrahydrofuran
Concen: 131.41 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



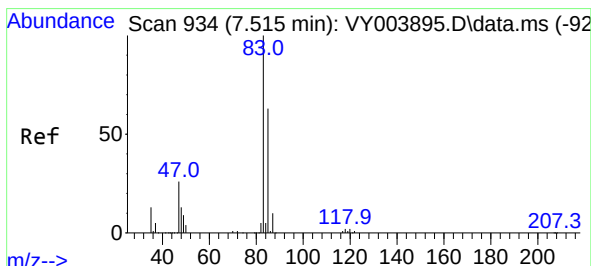
Tgt Ion:	42	Resp:	51070
Ion	Ratio	Lower	Upper
42	100		
72	36.4	32.3	48.5
71	34.1	31.0	46.6



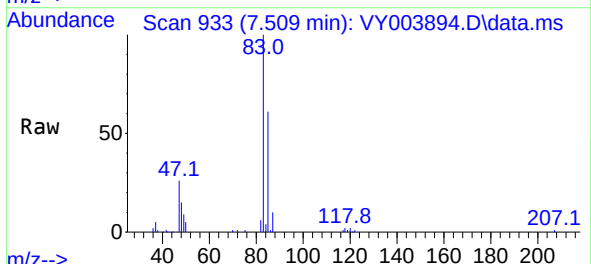
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

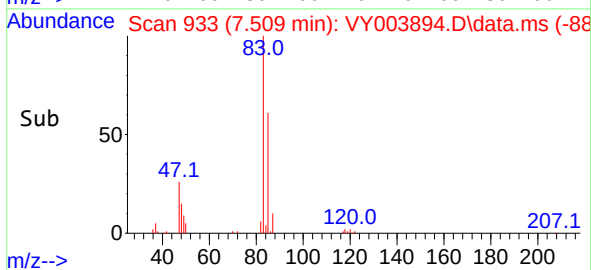
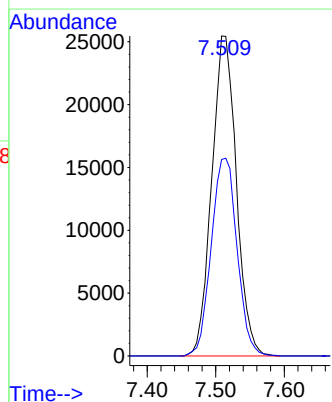
MMDadoda
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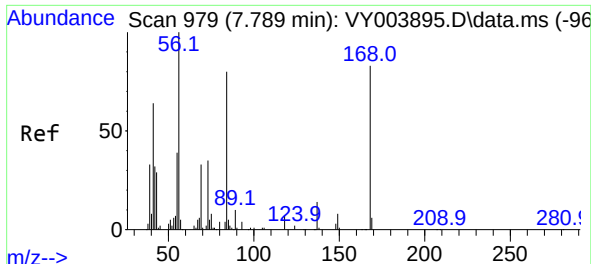


#30
Chloroform
Concen: 23.01 ug/l
RT: 7.509 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



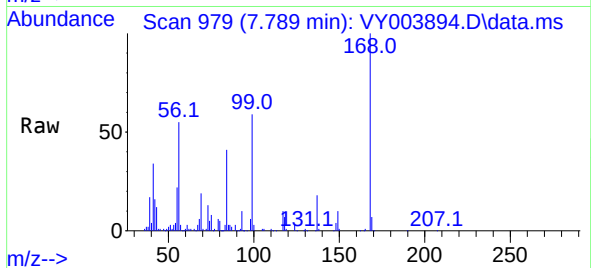
Tgt Ion:	83	Resp:	63520
Ion	Ratio	Lower	Upper
83	100		
85	61.4	50.4	75.6





#31
Cyclohexane
Concen: 24.85 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

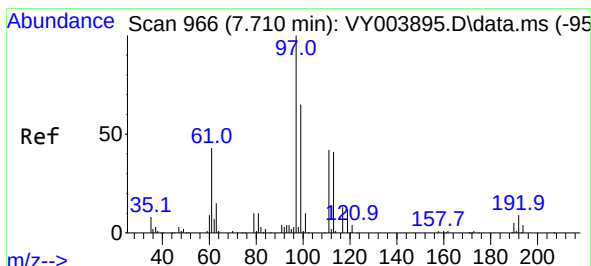
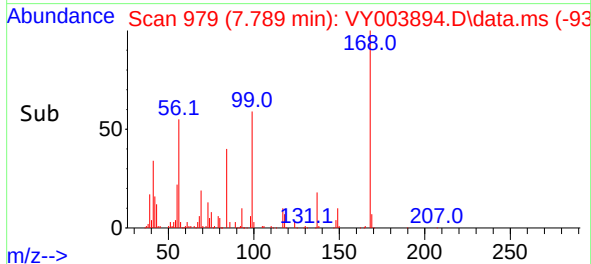
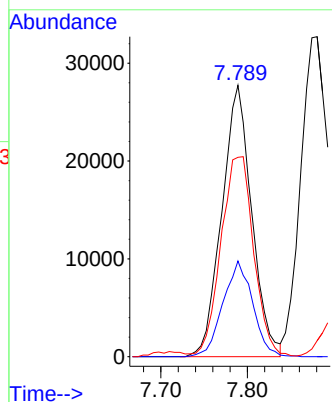
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020



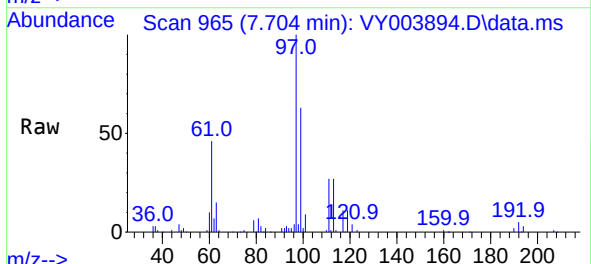
Tgt Ion: 56 Resp: 66550
Ion Ratio Lower Upper
56 100
69 35.3 26.2 39.2
84 72.3 68.2 102.2

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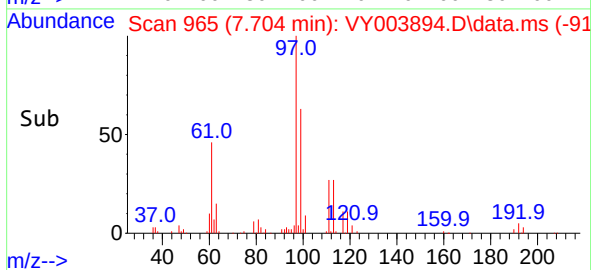
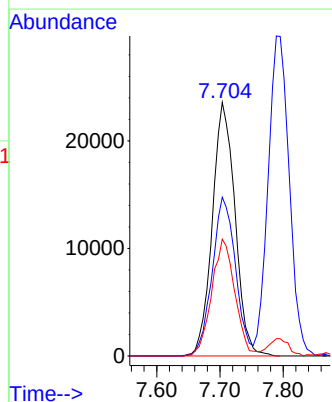
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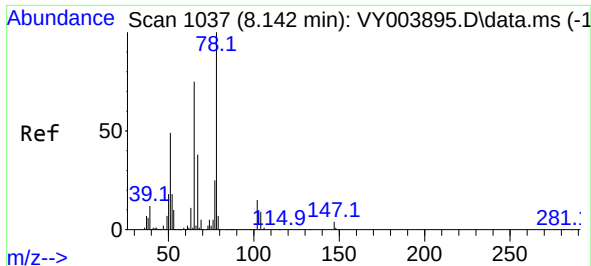


#32
1,1,1-Trichloroethane
Concen: 22.94 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



Tgt Ion: 97 Resp: 58794
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 47.0 33.4 50.0





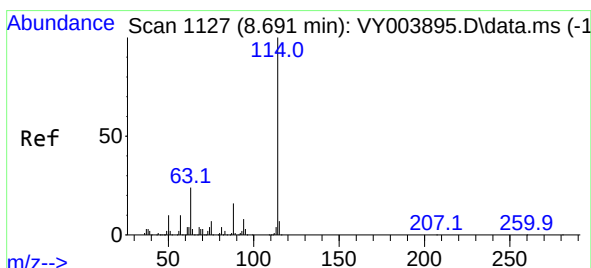
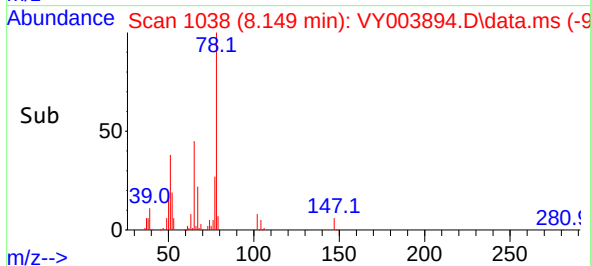
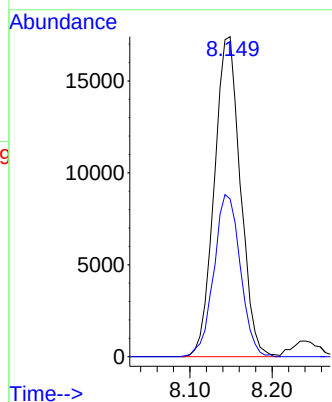
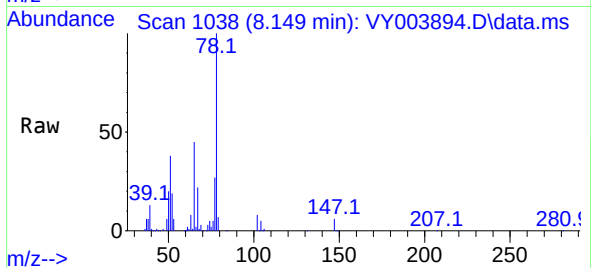
#33
1,2-Dichloroethane-d4
Concen: 24.00 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 65 Resp: 38384
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

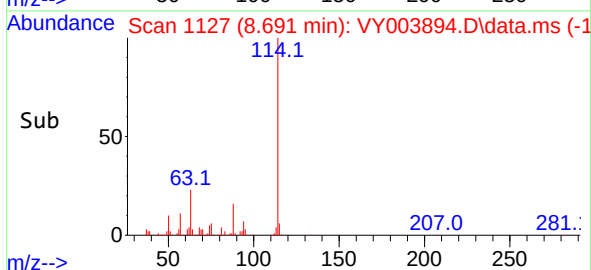
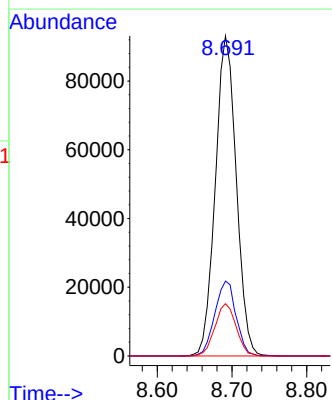
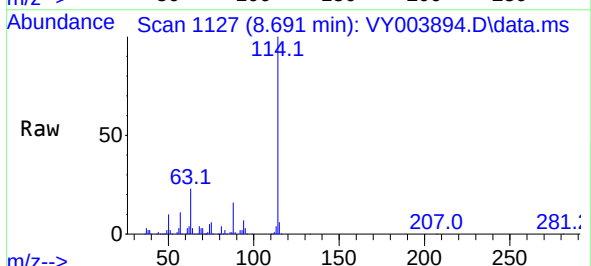
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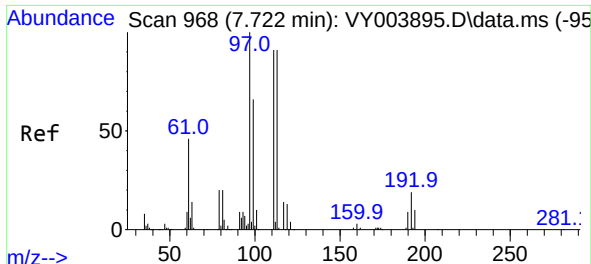
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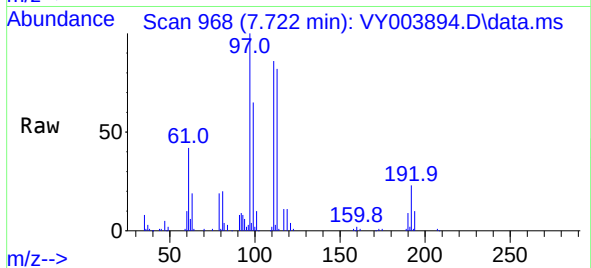
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 114 Resp: 181036
Ion Ratio Lower Upper
114 100
63 23.4 0.0 38.8
88 16.4 0.0 31.4

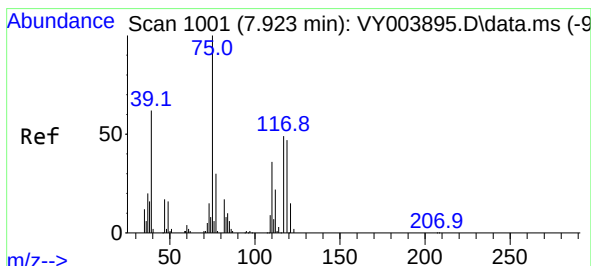
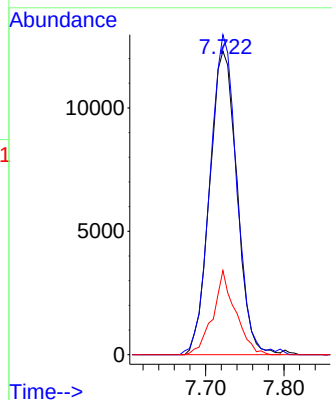
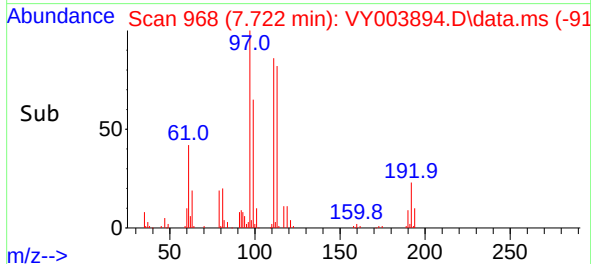




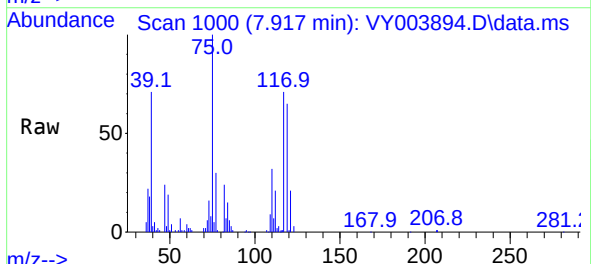
#35
Dibromofluoromethane
Concen: 20.46 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



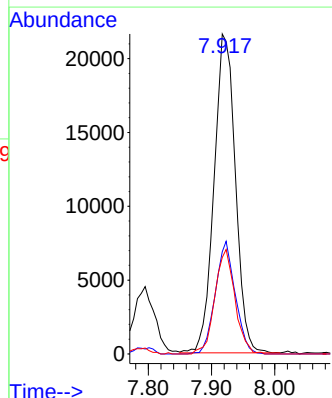
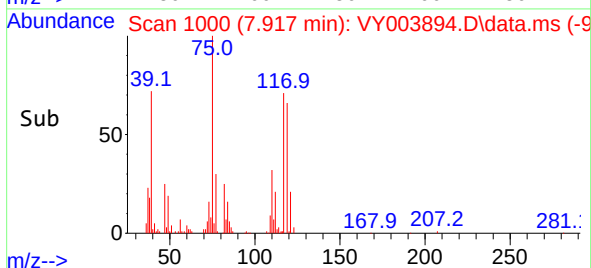
Tgt Ion: 113 Resp: 29736
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.6
192 22.9 19.8 29.6



#36
1,1-Dichloropropene
Concen: 21.96 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



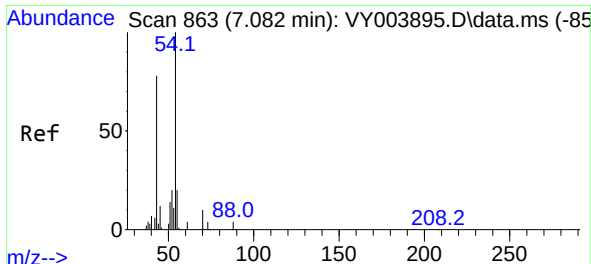
Tgt Ion: 75 Resp: 50580
Ion Ratio Lower Upper
75 100
110 32.9 17.7 53.1
77 30.9 24.8 37.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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#37

Ethyl Acetate

Concen: 25.90 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY003894.D

Acq: 12 Jan 2021 10:23

Tgt Ion:	43	Resp:	35523
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	16.0
70	9.0	8.4	12.6

Instrument :

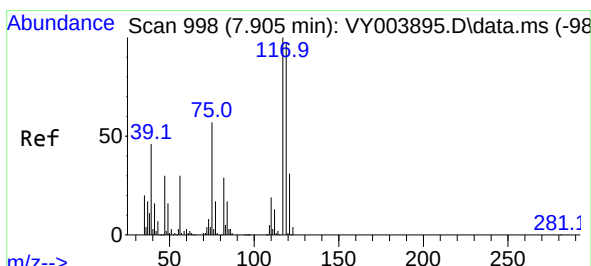
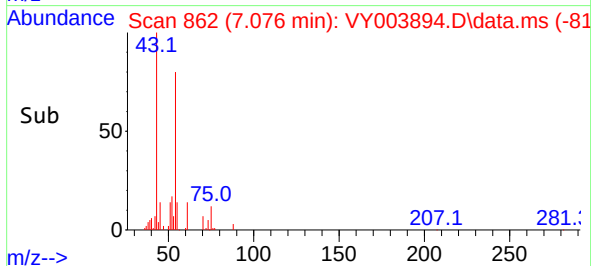
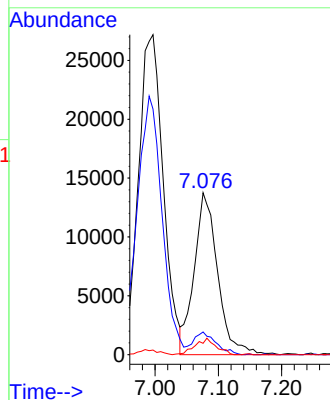
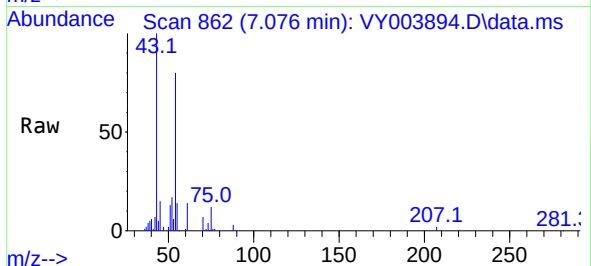
MSVOA_Y

ClientSampleId :

VSTDIC020

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#38

Carbon Tetrachloride

Concen: 21.42 ug/l

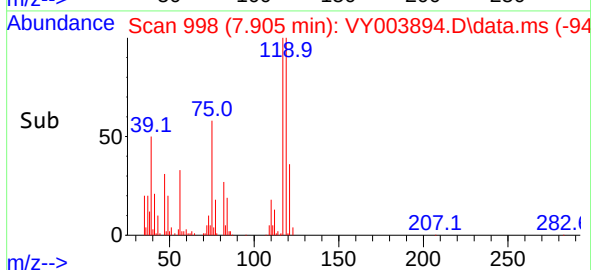
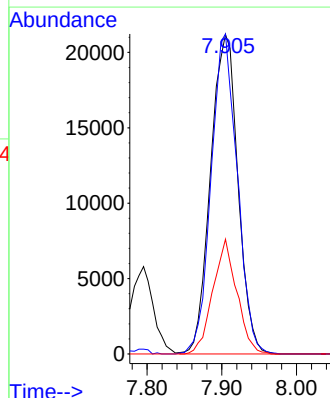
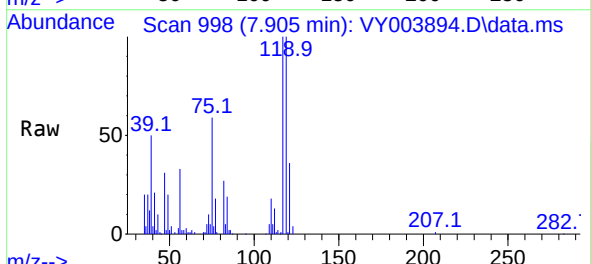
RT: 7.905 min Scan# 998

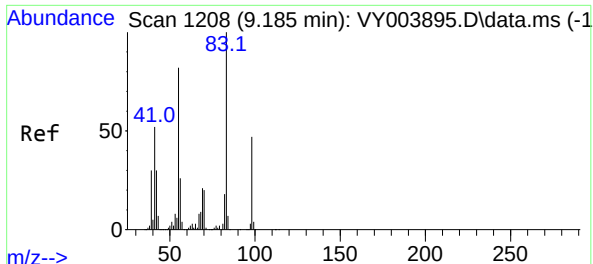
Delta R.T. 0.000 min

Lab File: VY003894.D

Acq: 12 Jan 2021 10:23

Tgt Ion:	117	Resp:	53774
Ion	Ratio	Lower	Upper
117	100		
119	100.2	78.6	118.0
121	35.9	25.8	38.6





#39
Methylcyclohexane
Concen: 21.64 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

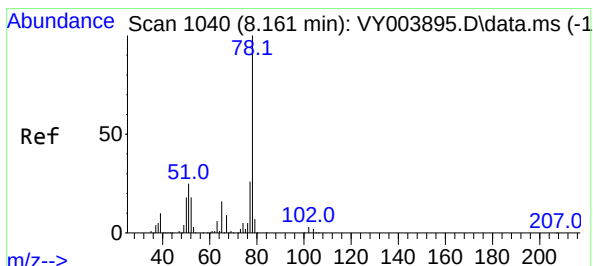
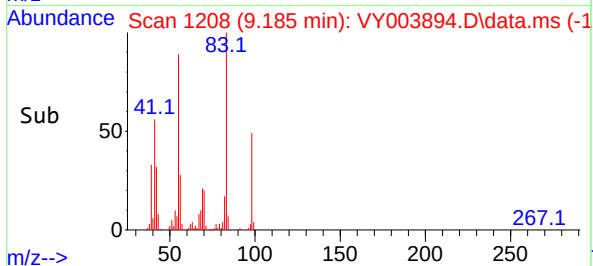
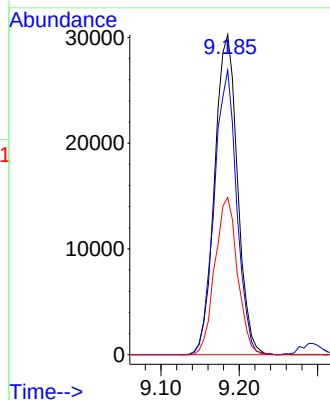
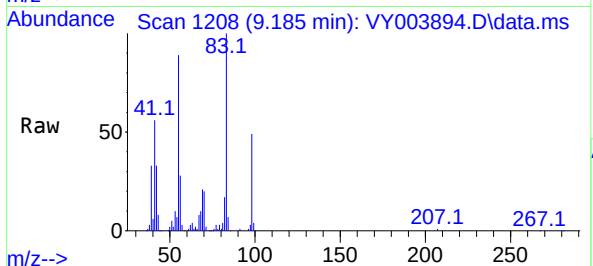
Tgt Ion: 83 Resp: 61298

Ion	Ratio	Lower	Upper
83	100		
55	88.9	63.9	95.9
98	49.1	40.2	60.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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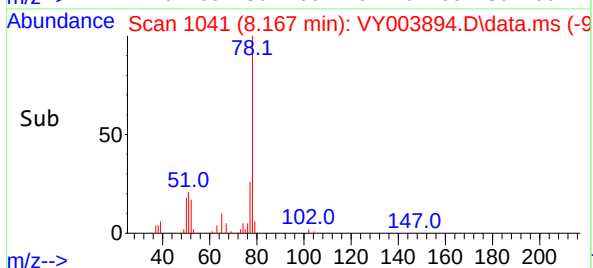
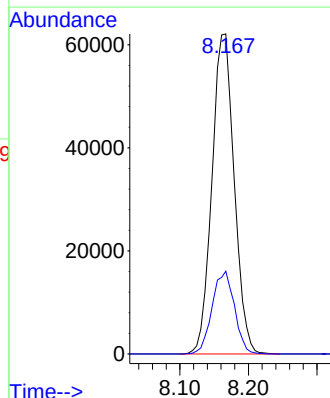
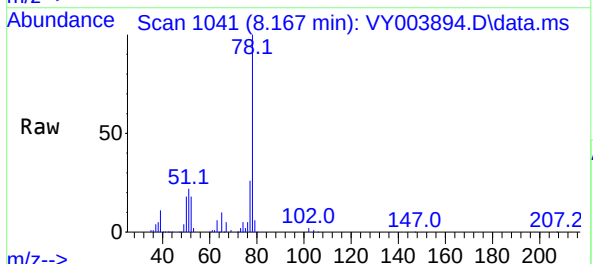
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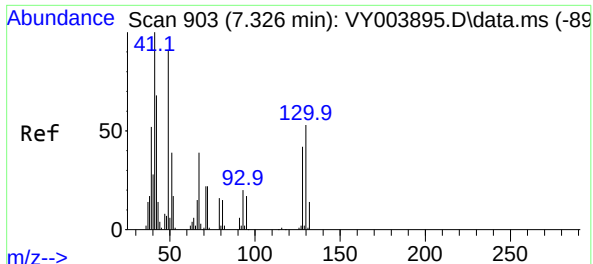


#40
Benzene
Concen: 22.09 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 78 Resp: 140200

Ion	Ratio	Lower	Upper
78	100		
77	25.8	19.4	29.0





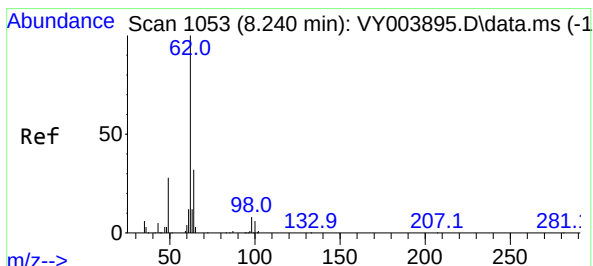
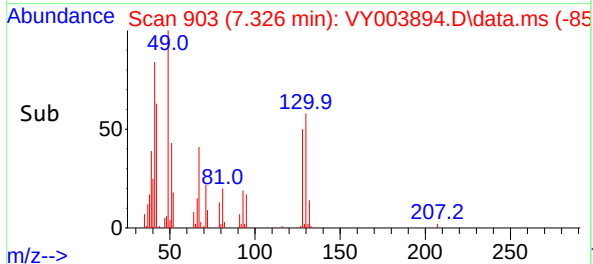
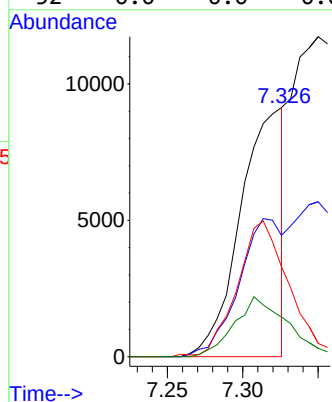
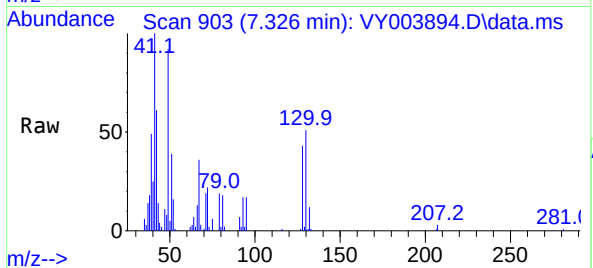
#41
Methacrylonitrile
Concen: 23.76 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:	41	Resp:	18237
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 :
VSTDIC020

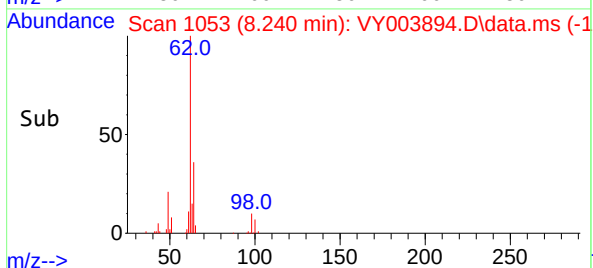
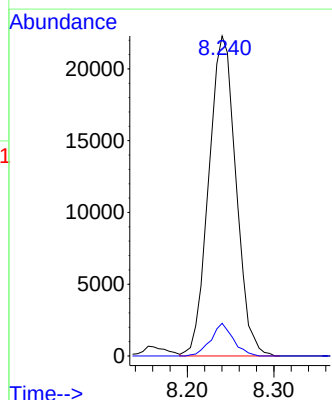
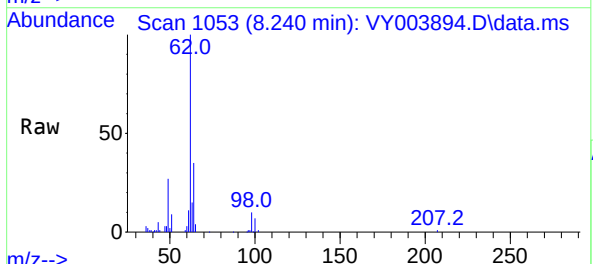
Manual Integrations
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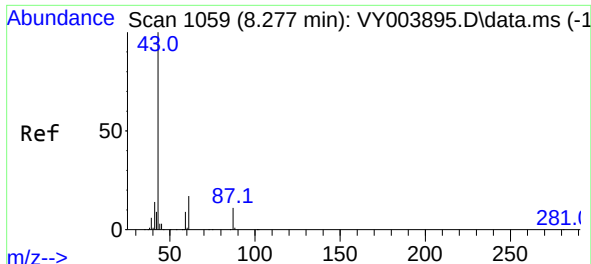
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#42
1,2-Dichloroethane
Concen: 23.30 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:	62	Resp:	48672
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.4





#43
Isopropyl Acetate
Concen: 25.62 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

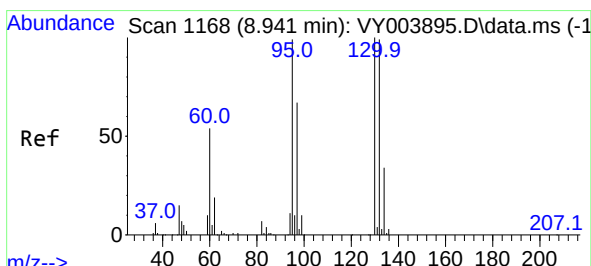
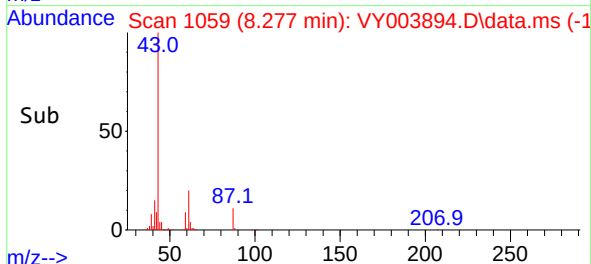
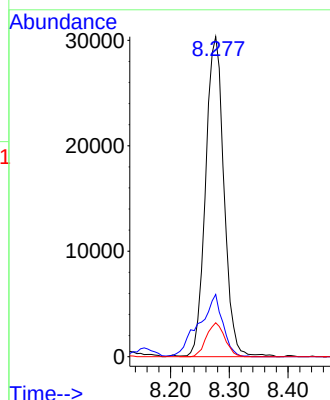
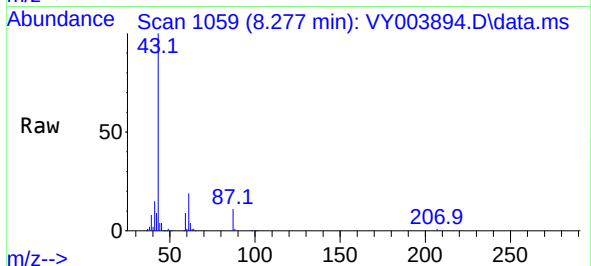
Tgt Ion: 43 Resp: 65804

Ion	Ratio	Lower	Upper
43	100		
61	25.3	22.7	34.1
87	10.6	10.4	15.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

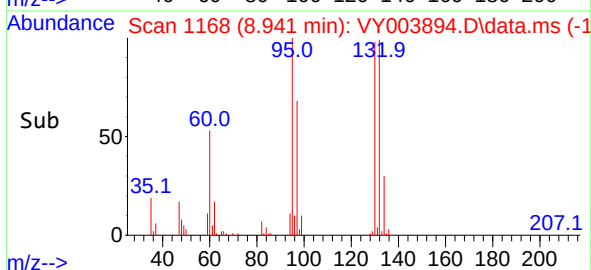
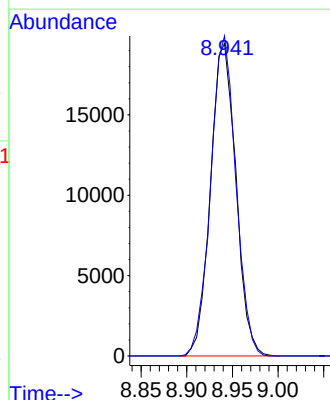
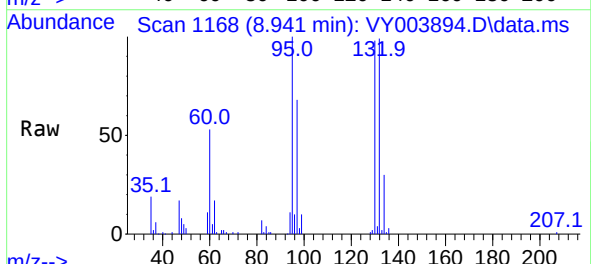
MMDadoda
1/13/2021 4:36:55 PM

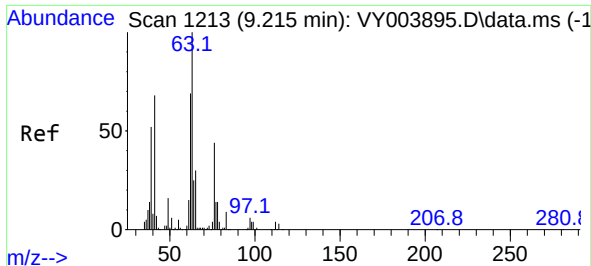


#44
Trichloroethene
Concen: 20.12 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:130 Resp: 37580

Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	185.0





#45

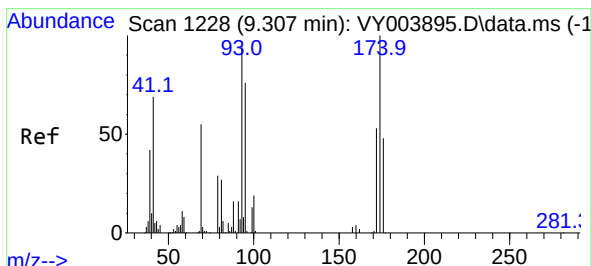
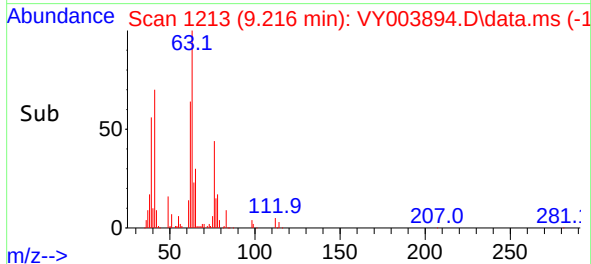
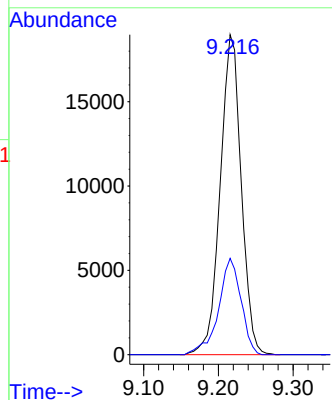
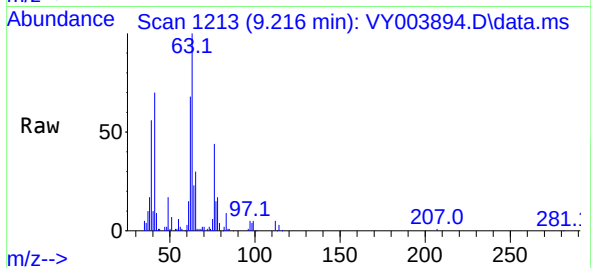
1,2-Dichloropropane
Concen: 23.30 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 63 Resp: 37106
Ion Ratio Lower Upper
63 100
65 30.1 25.0 37.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

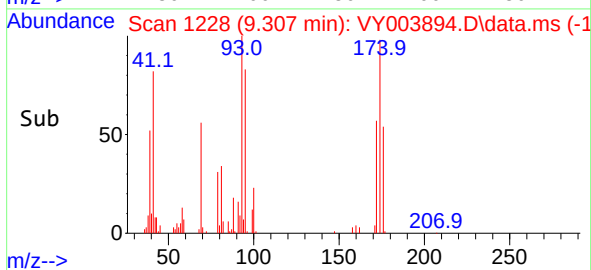
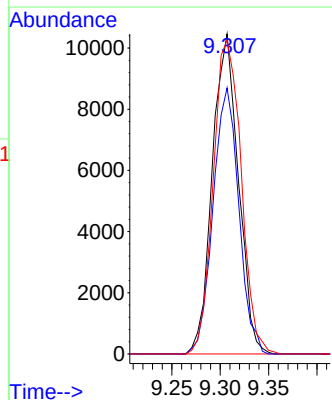
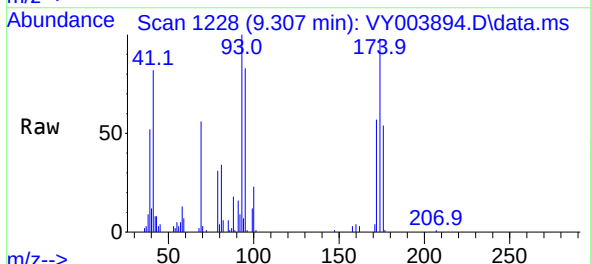
MMDadoda
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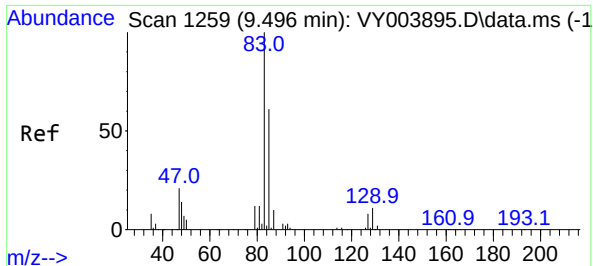


#46

Dibromomethane
Concen: 21.21 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

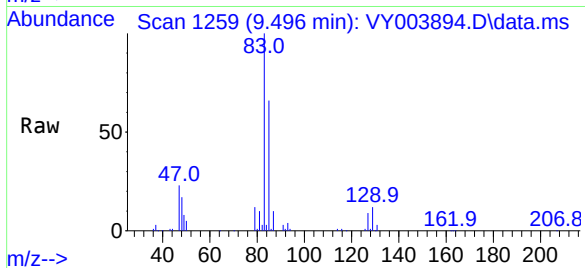
Tgt Ion: 93 Resp: 19598
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.4
174 105.1 94.8 142.2





#47
Bromodichloromethane
Concen: 22.09 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

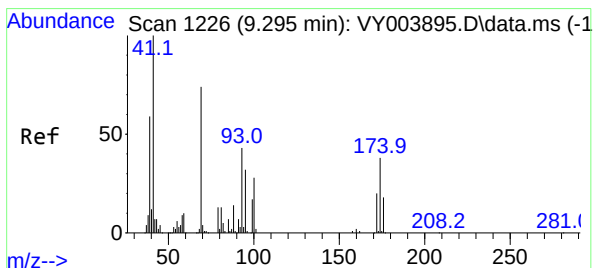
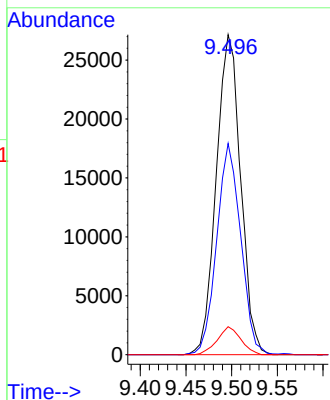
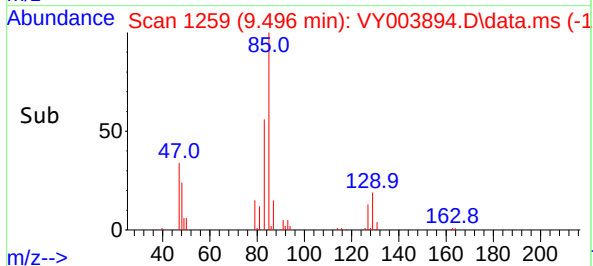
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



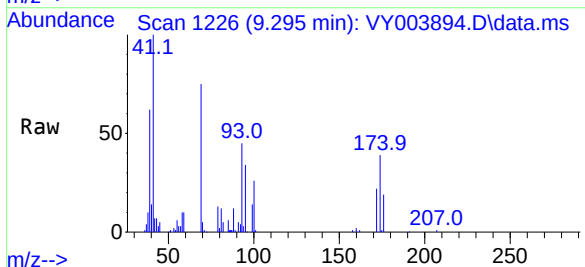
Tgt Ion: 83 Resp: 50423
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.4
127 8.7 6.6 10.0

Manual Integrations
APPROVED

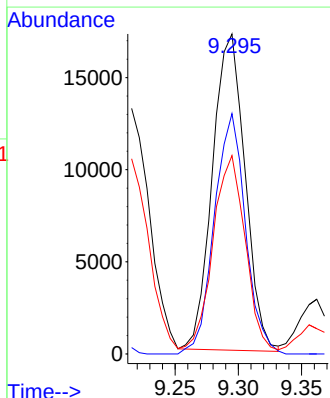
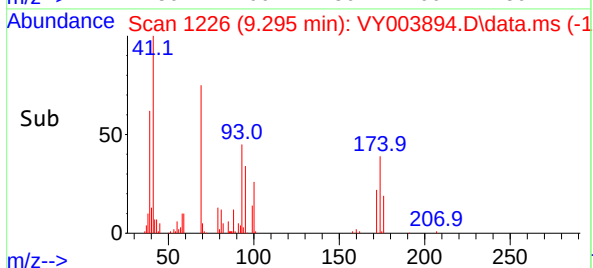
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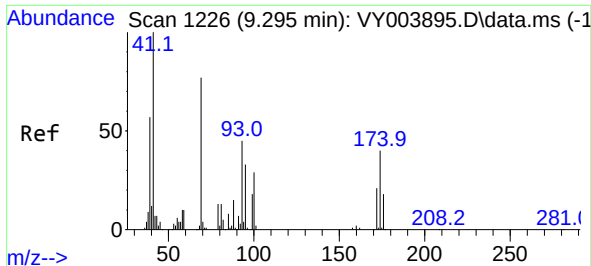


#48
Methyl methacrylate
Concen: 25.07 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



Tgt Ion: 41 Resp: 30749
Ion Ratio Lower Upper
41 100
69 72.7 64.3 96.5
39 63.4 43.1 64.7





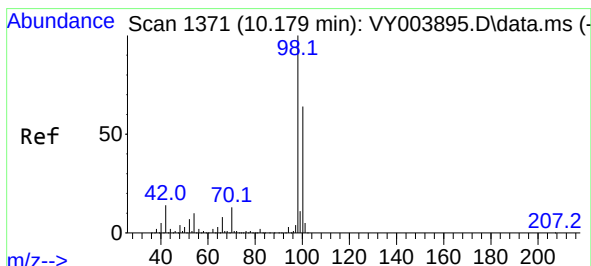
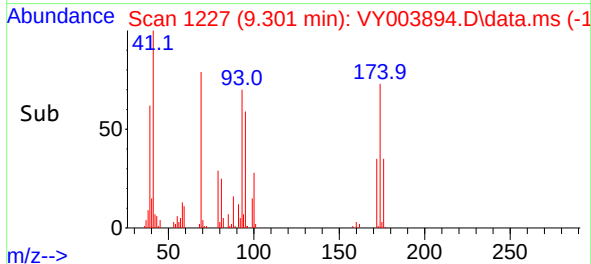
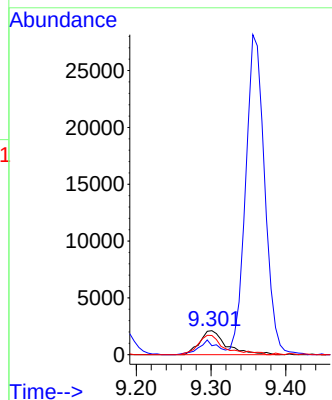
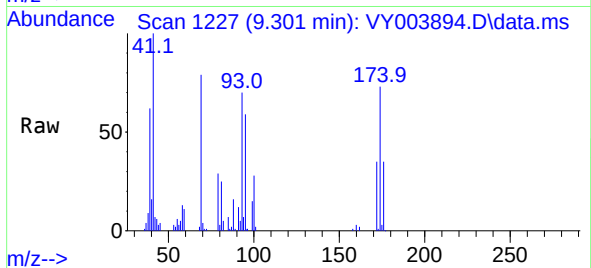
#49
1,4-Dioxane
Concen: 442.06 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 88 Resp: 5236
Ion Ratio Lower Upper
88 100
43 42.3 27.9 41.9#
58 79.5 54.7 82.1

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

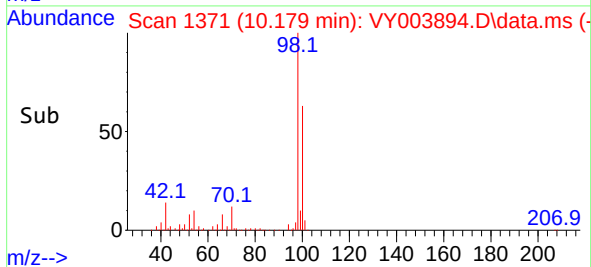
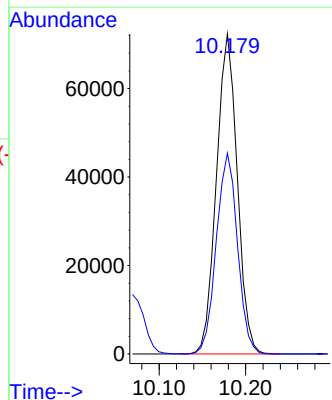
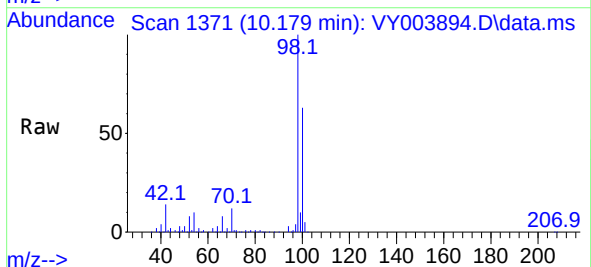
Manual Integrations
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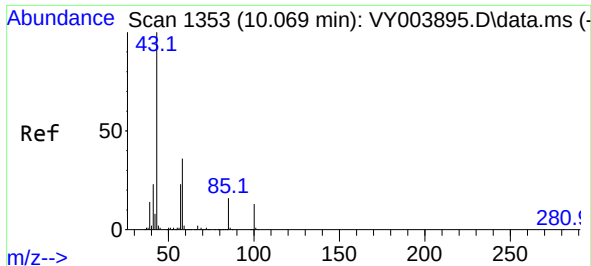
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#50
Toluene-d8
Concen: 21.29 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 98 Resp: 121064
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0





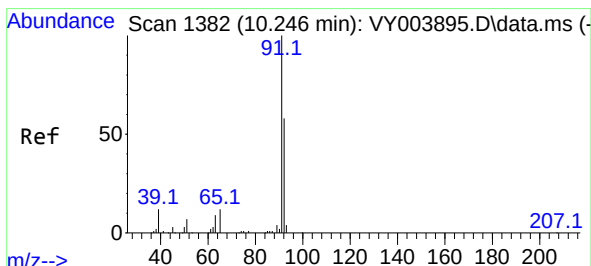
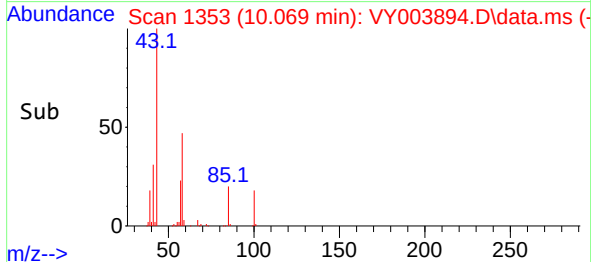
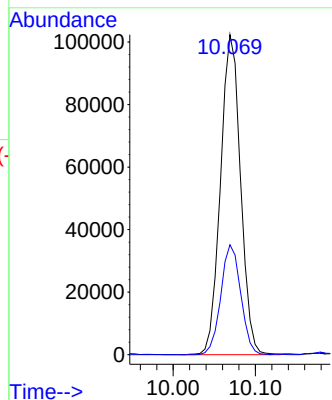
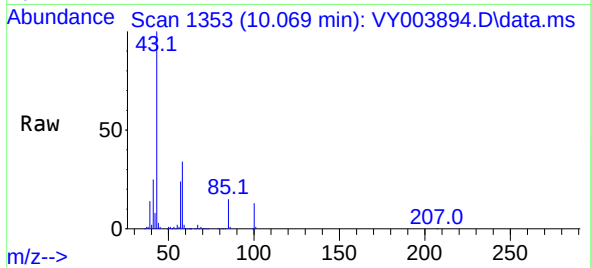
#51
4-Methyl-2-Pentanone
Concen: 127.73 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 43 Resp: 173110
Ion Ratio Lower Upper
43 100
58 34.1 30.3 45.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

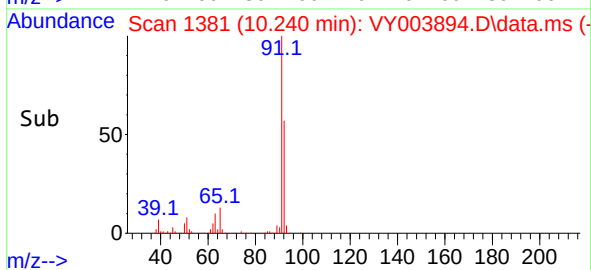
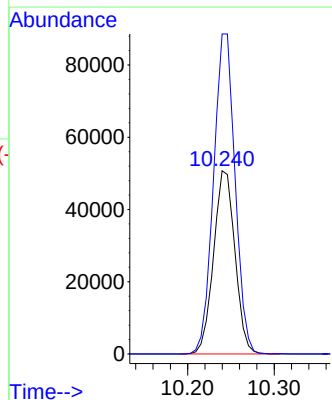
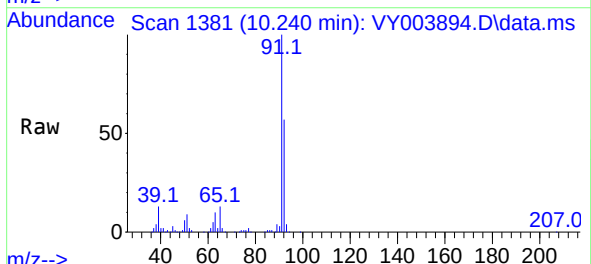
Manual Integrations
APPROVED

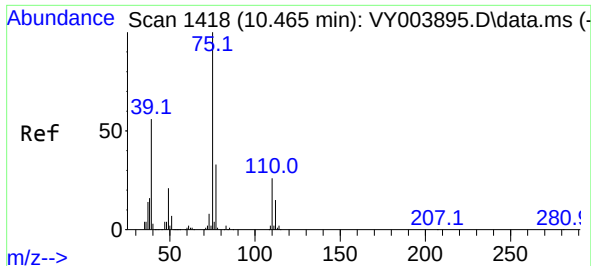
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#52
Toluene
Concen: 21.25 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 92 Resp: 86981
Ion Ratio Lower Upper
92 100
91 176.0 140.7 211.1





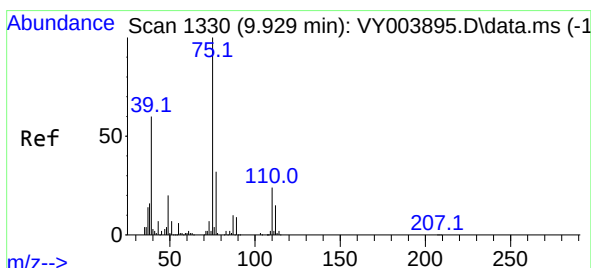
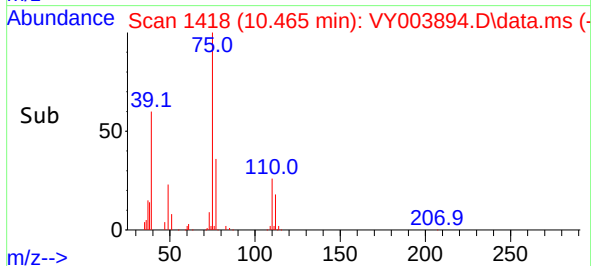
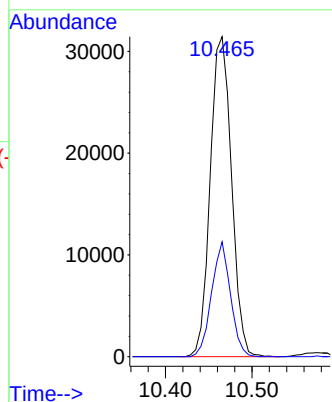
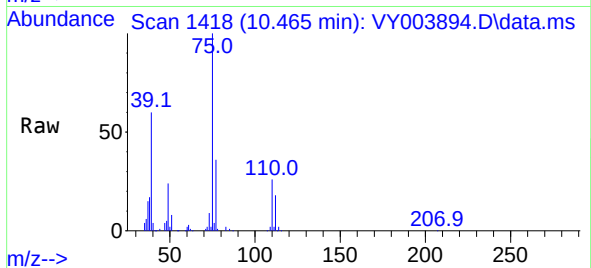
#53
t-1,3-Dichloropropene
Concen: 22.01 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 75 Resp: 53643
Ion Ratio Lower Upper
75 100
77 35.9 26.2 39.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

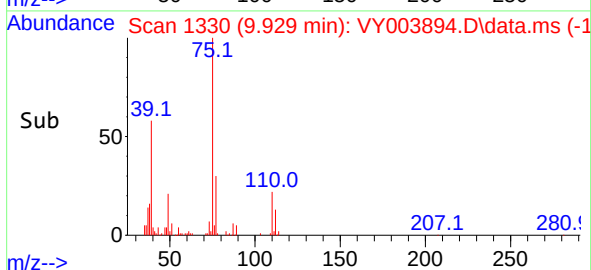
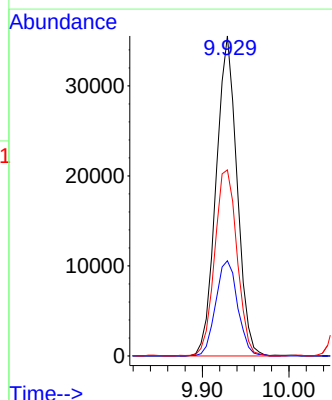
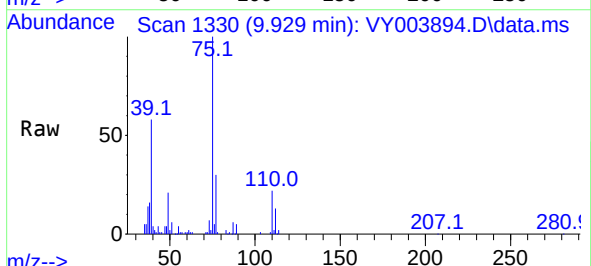
Manual Integrations
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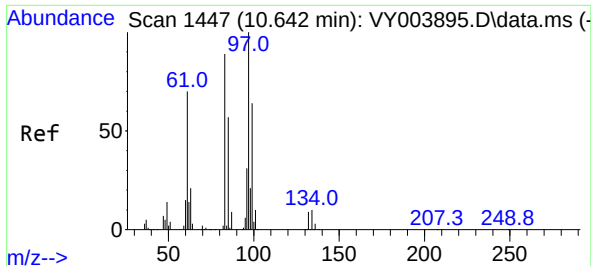
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#54
cis-1,3-Dichloropropene
Concen: 21.82 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 75 Resp: 59734
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.2
39 58.2 42.2 63.2





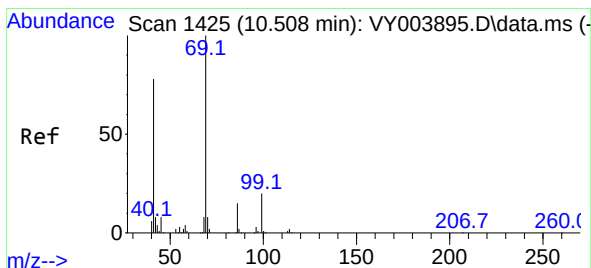
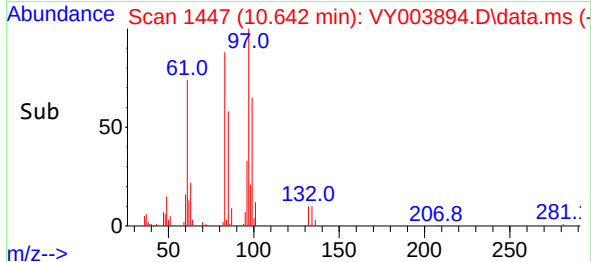
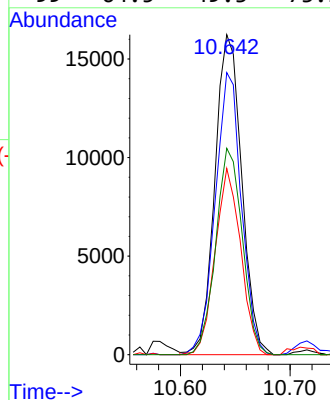
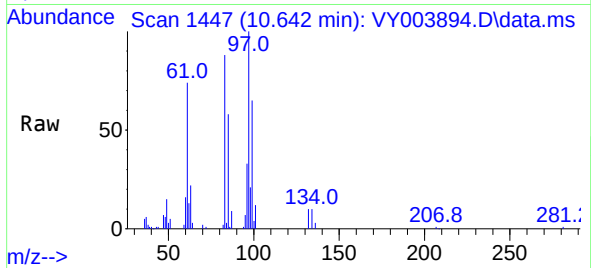
#55
1,1,2-Trichloroethane
Concen: 21.19 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 97	Resp: 27638
Ion Ratio	Lower Upper
97 100	
83 88.2	65.7 98.5
85 58.2	42.2 63.4
99 64.5	49.3 73.9

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

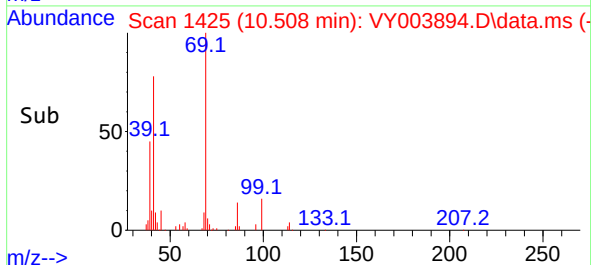
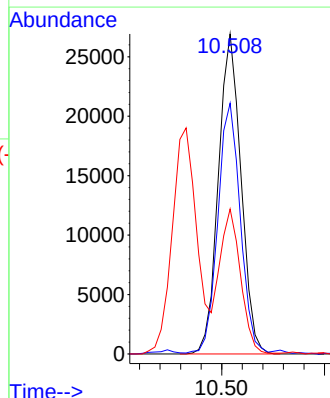
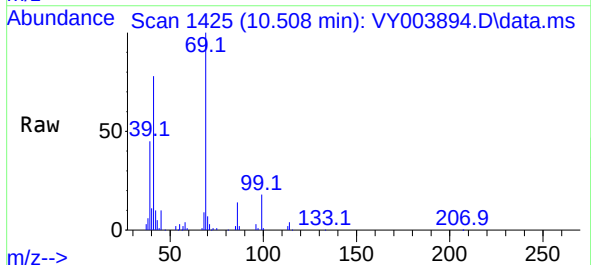
Manual Integrations
APPROVED

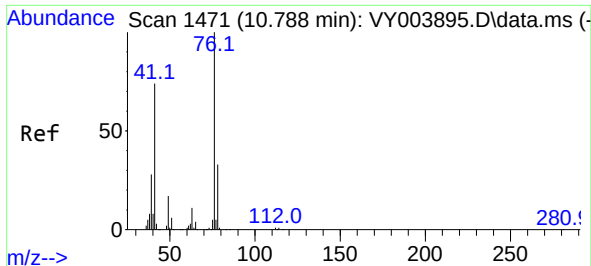
MMDadoda
1/13/2021 4:36:55 PM



#56
Ethyl methacrylate
Concen: 22.88 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 69	Resp: 40960
Ion Ratio	Lower Upper
69 100	
41 77.4	57.0 85.6
39 41.2	27.9 41.9





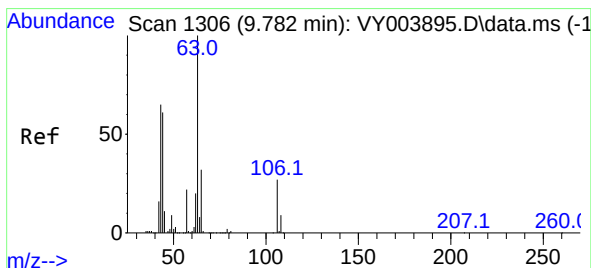
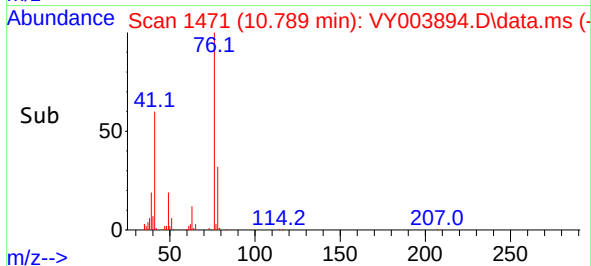
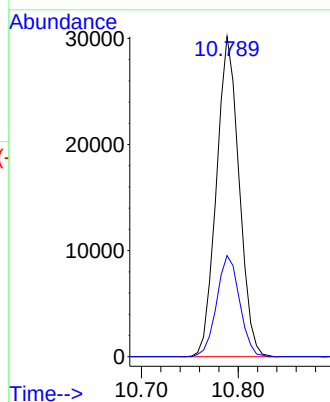
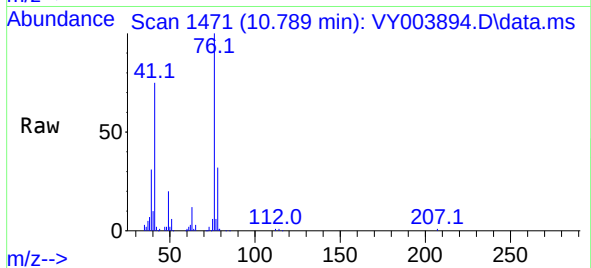
#57
1,3-Dichloropropane
Concen: 21.71 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 76 Resp: 48981
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

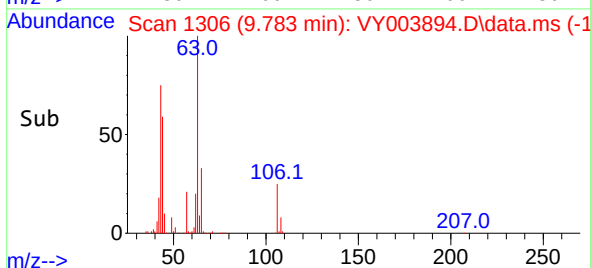
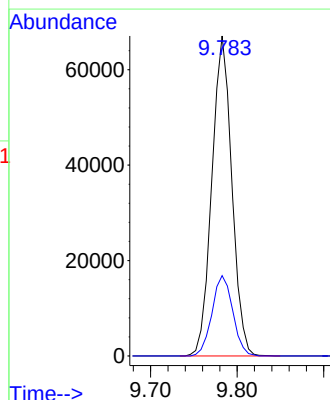
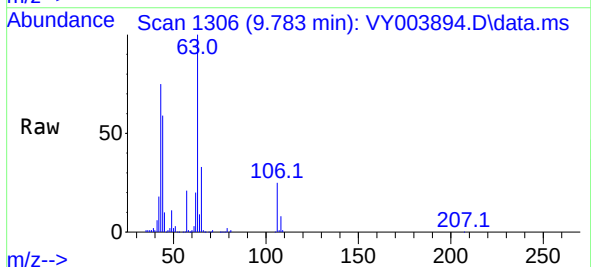
Manual Integrations
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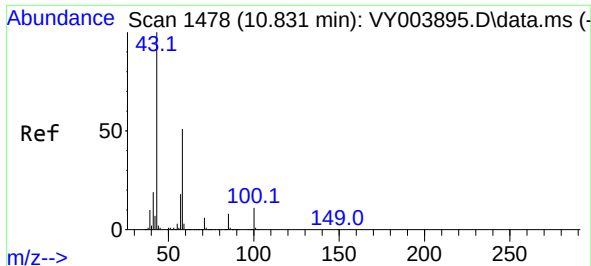
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1/13/2021 4:36:55 PM



#58
2-Chloroethyl Vinyl ether
Concen: 121.82 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 63 Resp: 107387
Ion Ratio Lower Upper
63 100
106 26.1 23.1 34.7





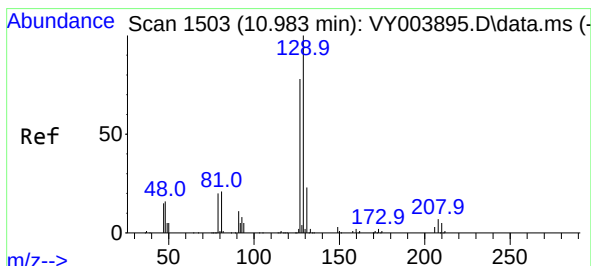
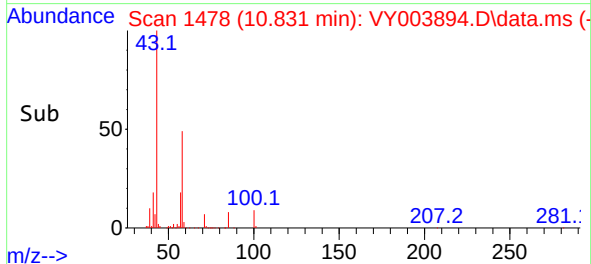
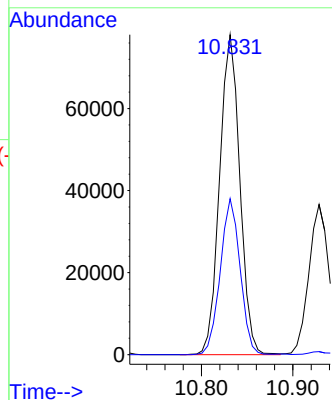
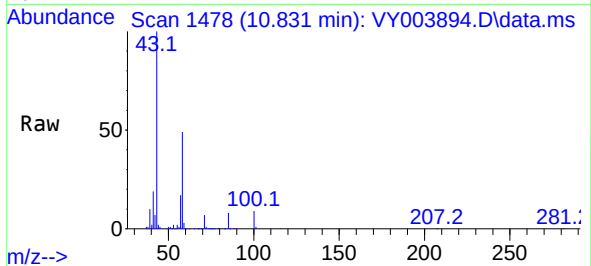
#59
2-Hexanone
Concen: 128.31 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 43 Resp: 120117
Ion Ratio Lower Upper
43 100
58 47.8 26.5 79.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

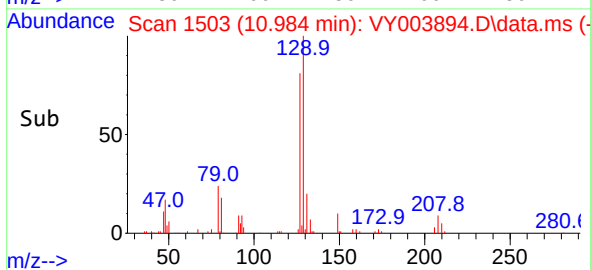
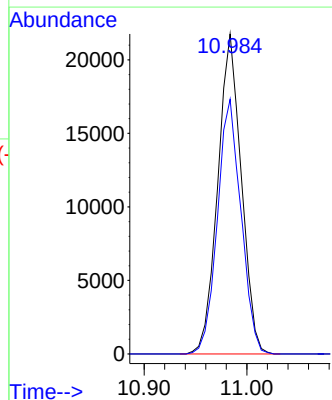
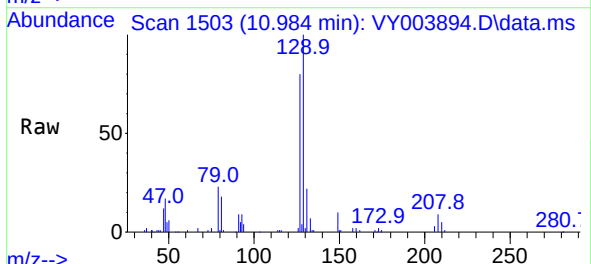
Manual Integrations
APPROVED

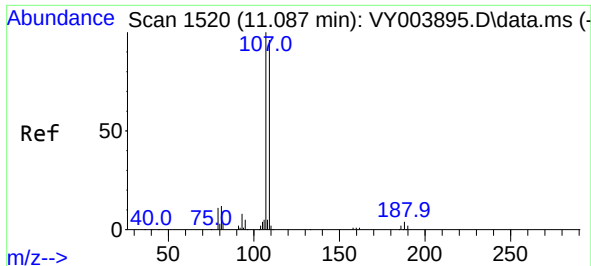
MMDadoda
1/13/2021 4:36:55 PM



#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 129 Resp: 34528
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.3





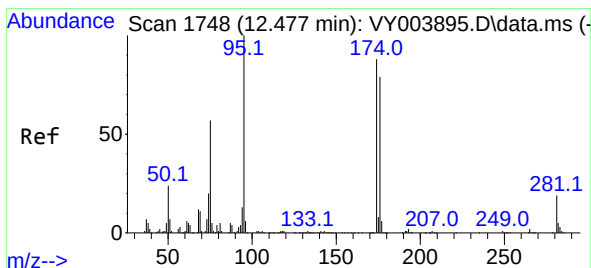
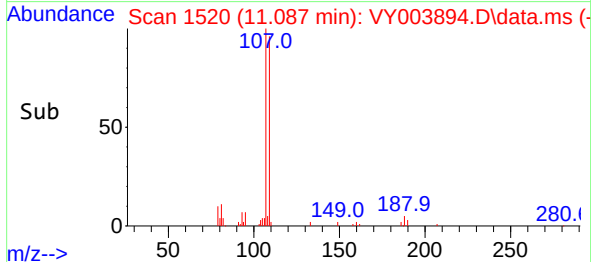
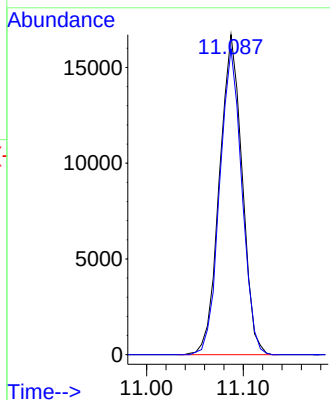
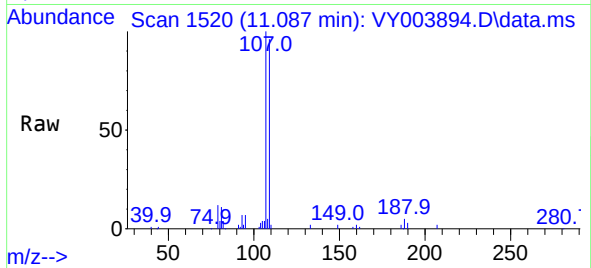
#61
1,2-Dibromoethane
Concen: 21.09 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 107 Resp: 27123
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.6

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

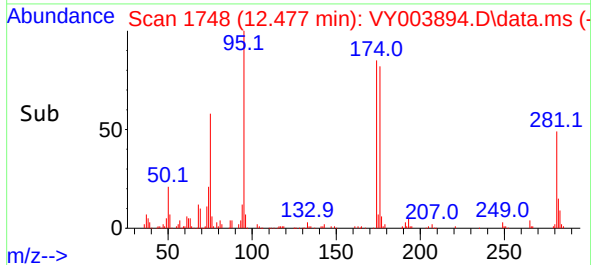
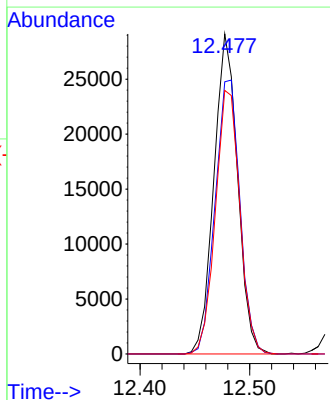
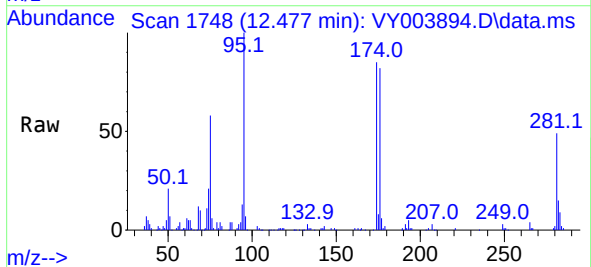
Manual Integrations
APPROVED

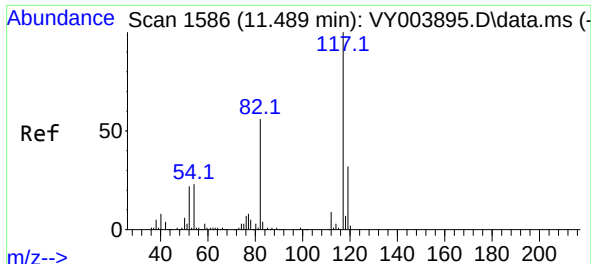
MMDadoda
1/13/2021 4:36:55 PM



#62
4-Bromofluorobenzene
Concen: 21.21 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

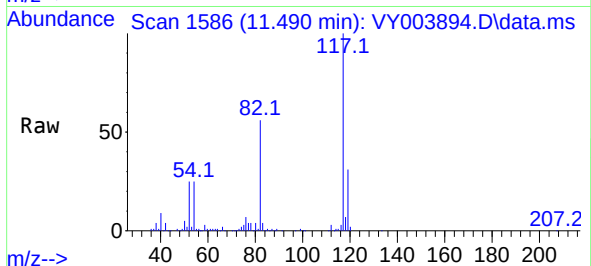
Tgt Ion: 95 Resp: 43659
Ion Ratio Lower Upper
95 100
174 89.6 0.0 193.2
176 85.0 0.0 187.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

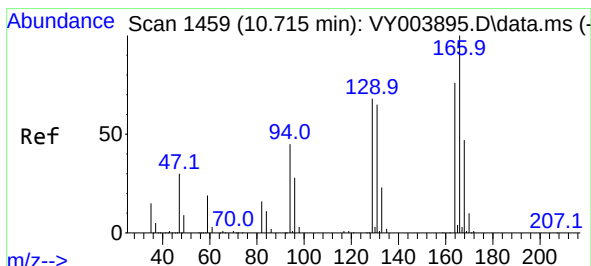
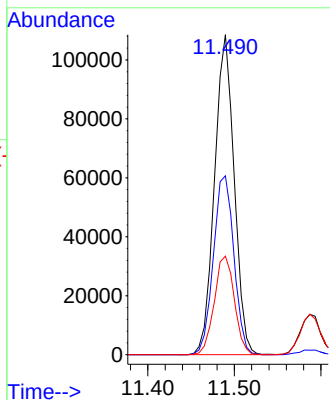
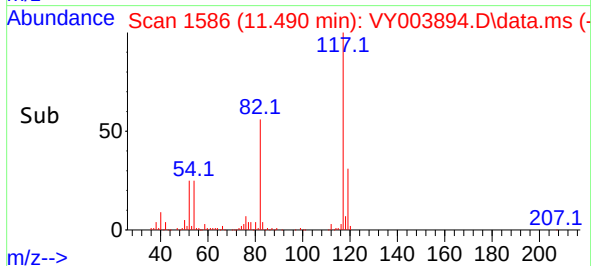
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020



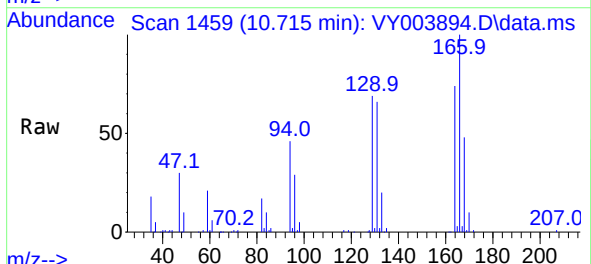
Tgt Ion:117 Resp: 170939
Ion Ratio Lower Upper
117 100
82 55.9 43.9 65.9
119 30.8 26.2 39.4

Manual Integrations
APPROVED

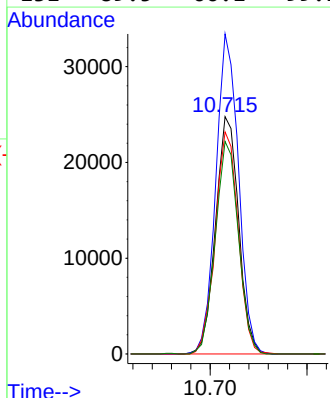
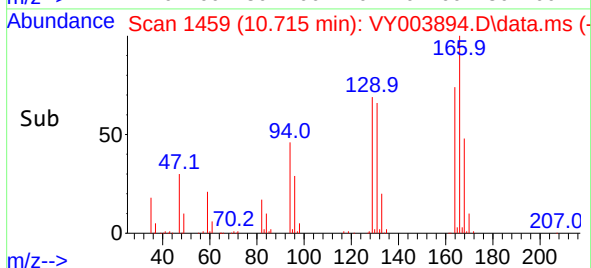
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1/13/2021 4:36:55 PM

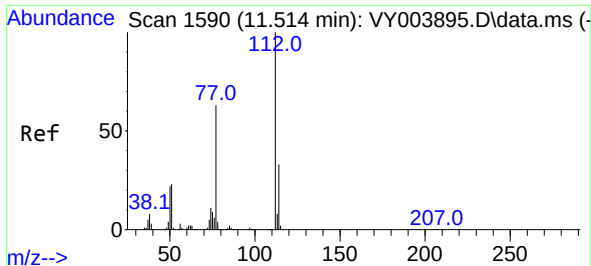


#64
Tetrachloroethene
Concen: 19.27 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



Tgt Ion:164 Resp: 41094
Ion Ratio Lower Upper
164 100
166 134.8 103.0 154.4
129 93.6 67.8 101.8
131 89.5 66.1 99.1





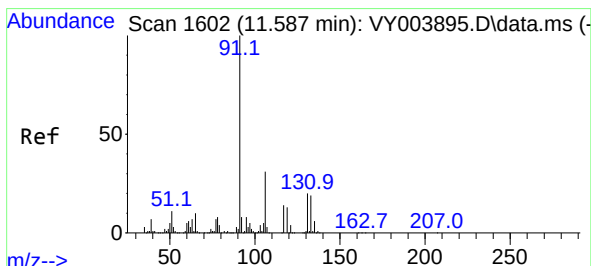
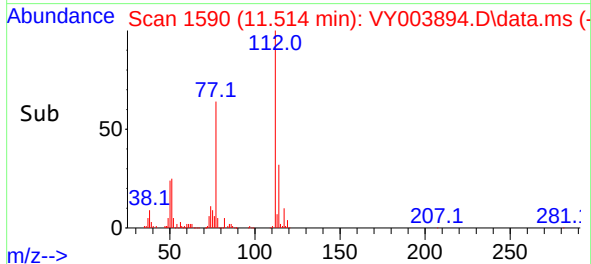
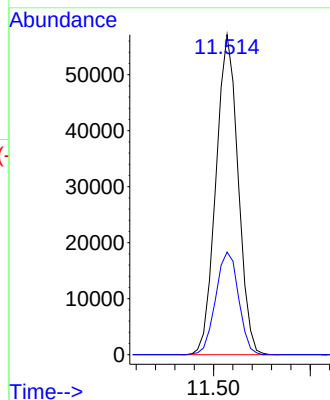
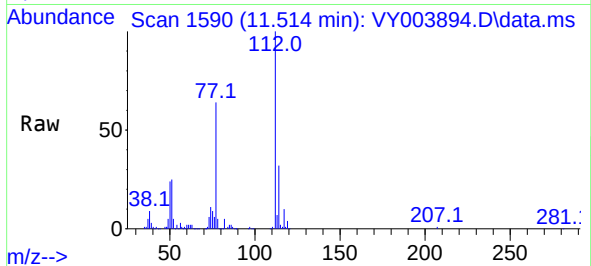
#65
Chlorobenzene
Concen: 20.22 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:112 Resp: 90846
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

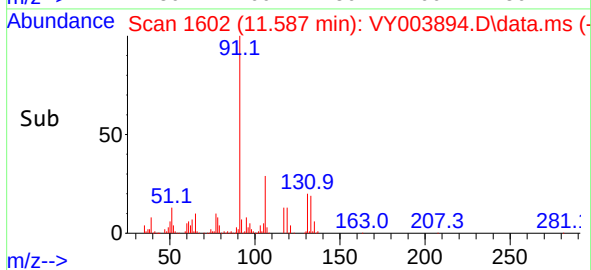
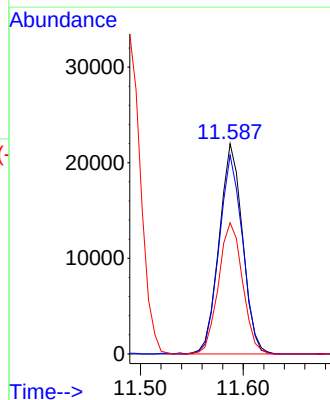
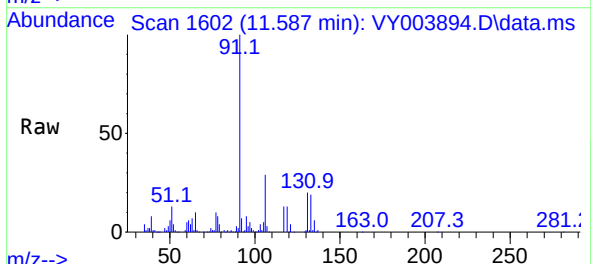
Manual Integrations
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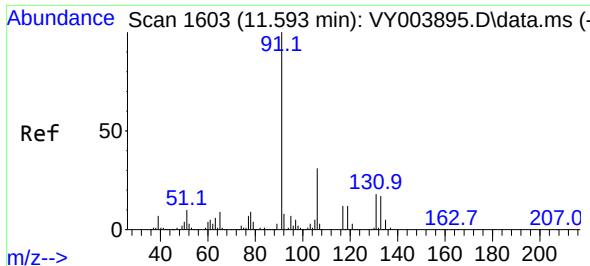
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.97 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:131 Resp: 34773
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 64.1 31.4 94.0





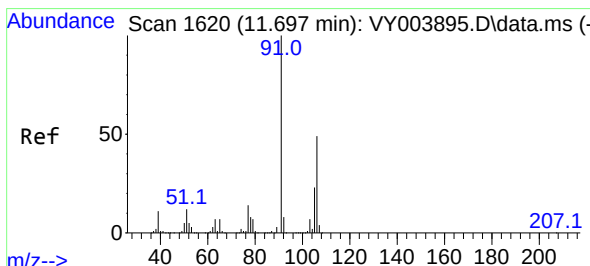
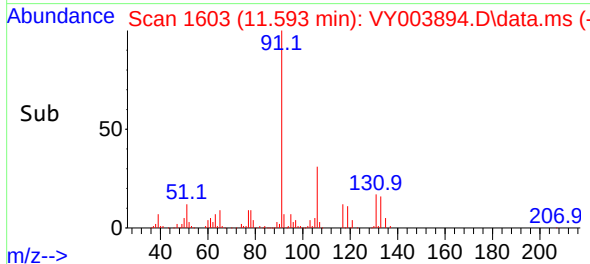
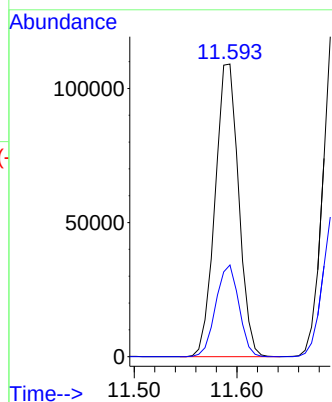
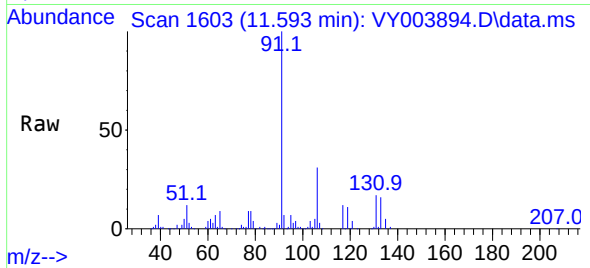
#67
Ethyl Benzene
Concen: 21.54 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 91 Resp: 173709
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

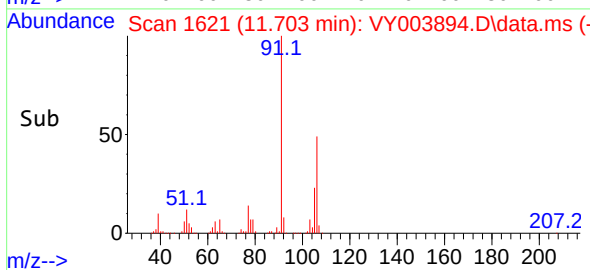
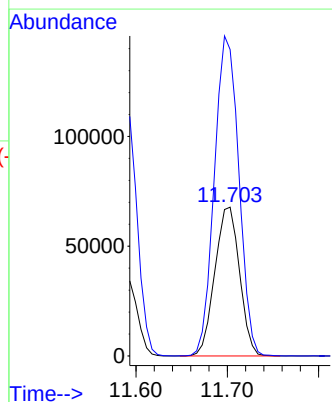
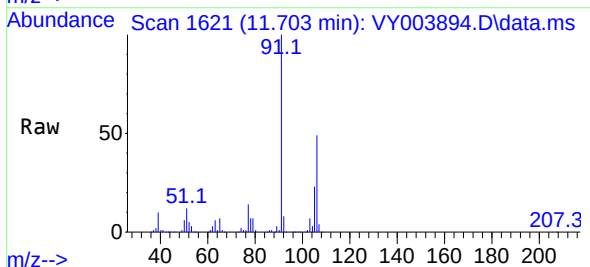
Manual Integrations
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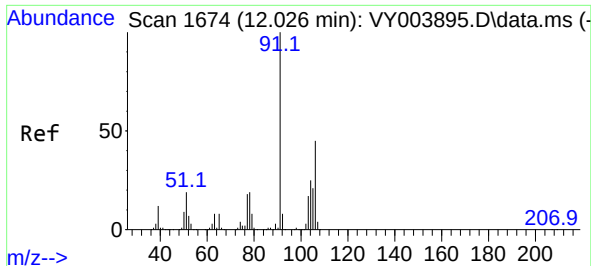
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#68
m/p-Xylenes
Concen: 41.33 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 106 Resp: 127405
Ion Ratio Lower Upper
106 100
91 213.2 162.2 243.4





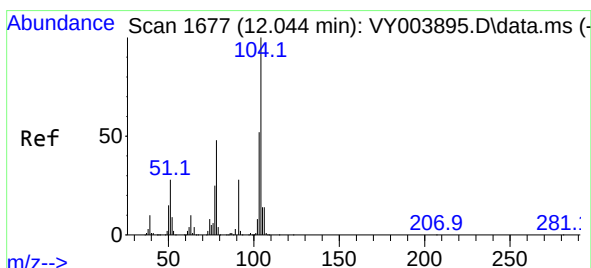
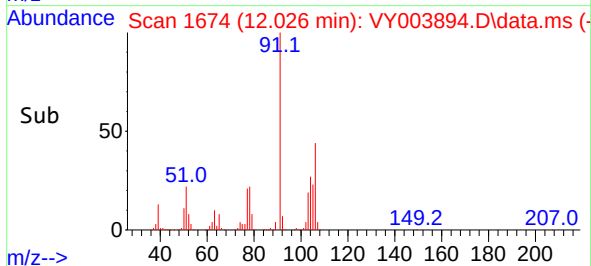
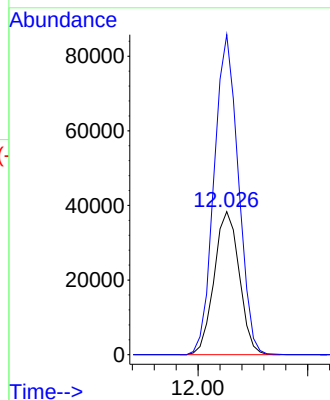
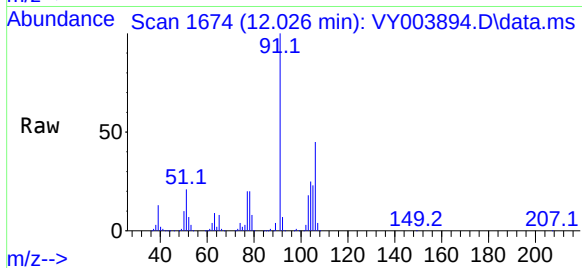
#69
o-Xylene
Concen: 21.18 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

Tgt Ion:106 Resp: 60999
Ion Ratio Lower Upper
106 100
91 216.1 107.6 322.8

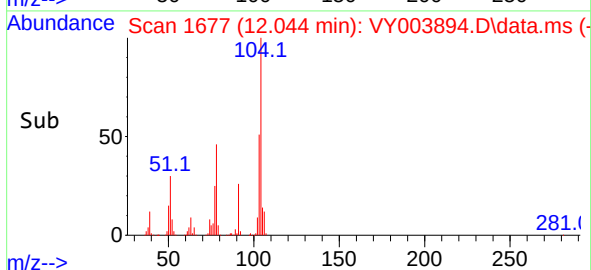
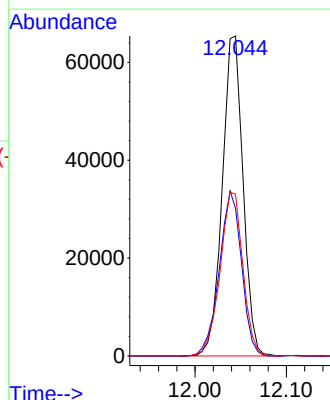
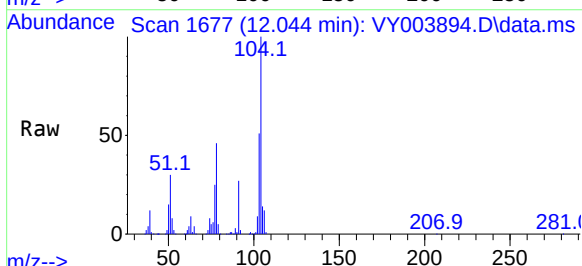
Manual Integrations
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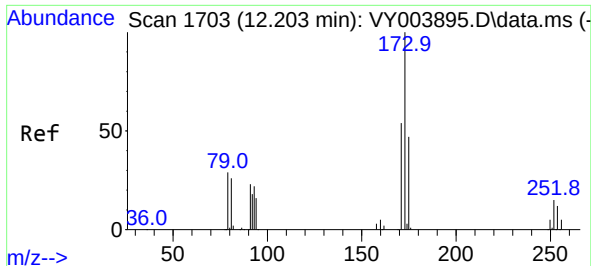
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#70
Styrene
Concen: 21.08 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:104 Resp: 103341
Ion Ratio Lower Upper
104 100
78 55.1 41.0 61.4
103 56.1 44.2 66.2





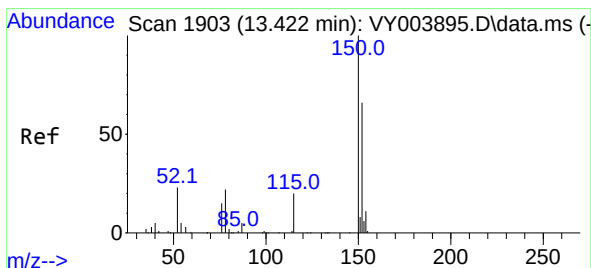
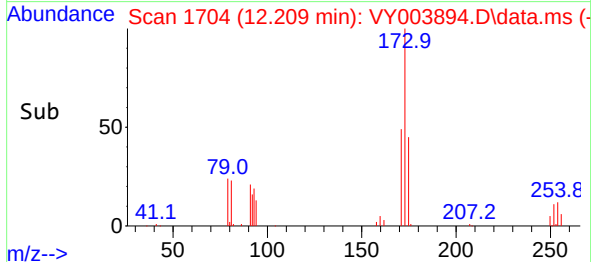
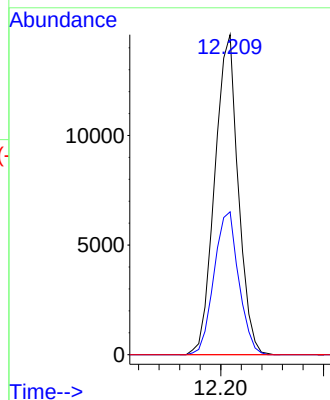
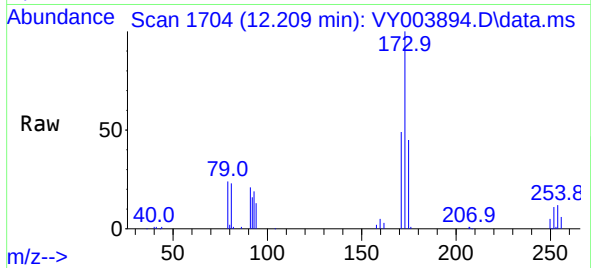
#71
Bromoform
Concen: 19.63 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:173 Resp: 23094
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.3
254 0.0 0.2 0.2#

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

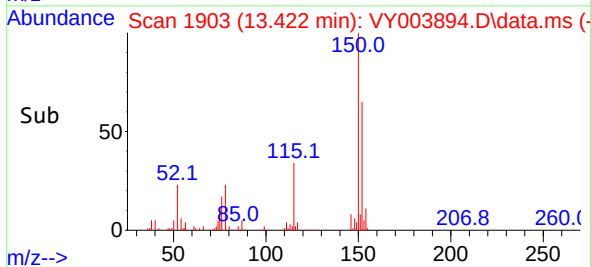
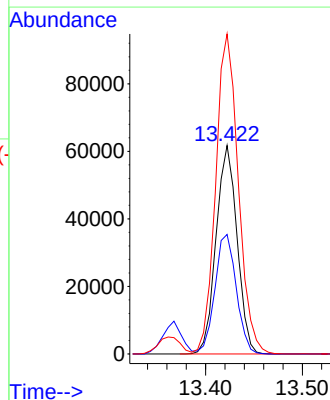
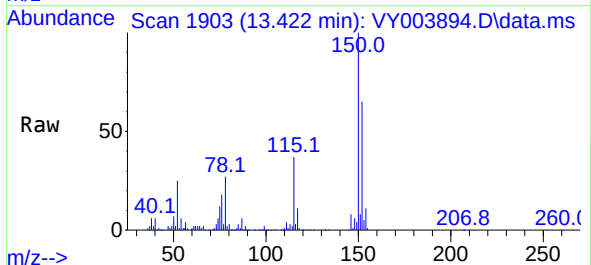
Manual Integrations
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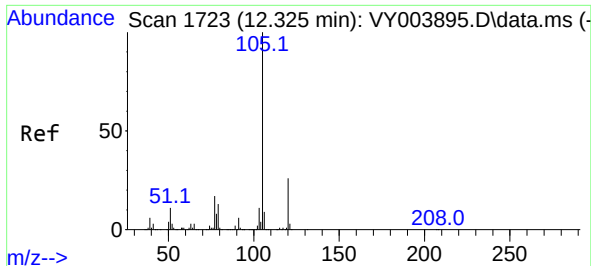
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:152 Resp: 92984
Ion Ratio Lower Upper
152 100
115 58.6 27.9 83.7
150 165.4 0.0 356.4





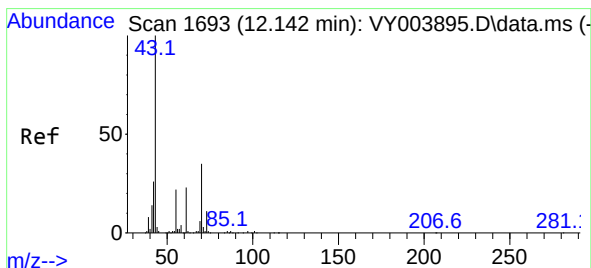
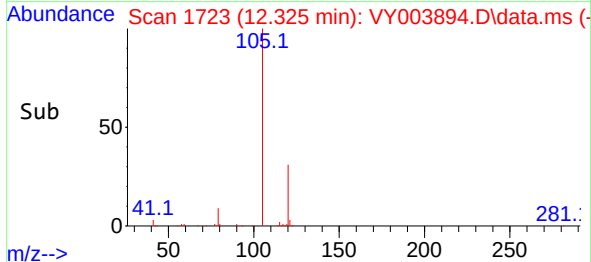
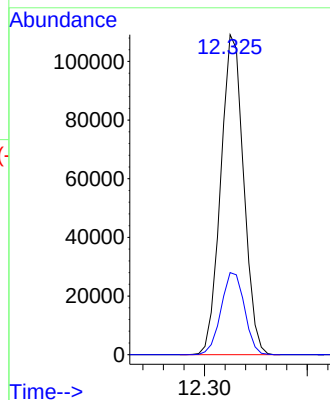
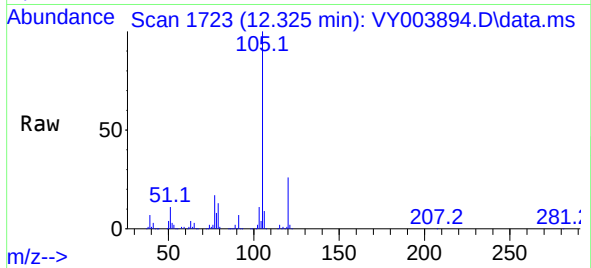
#73
Isopropylbenzene
Concen: 21.66 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 105 Resp: 168810
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

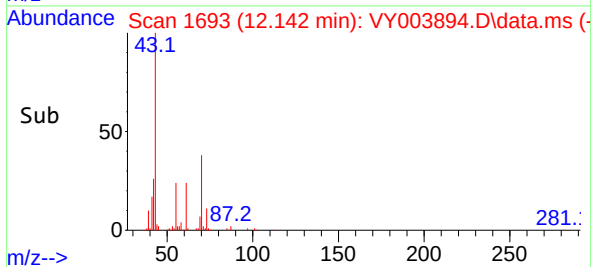
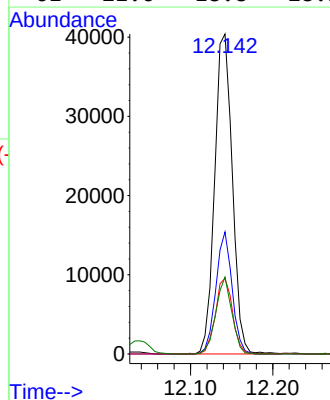
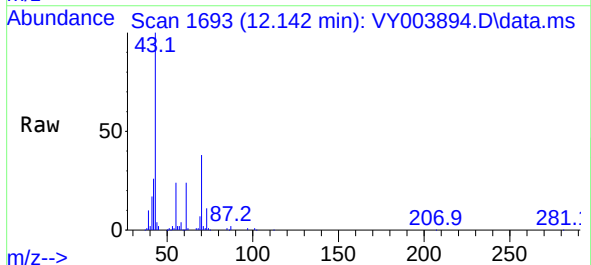
Manual Integrations
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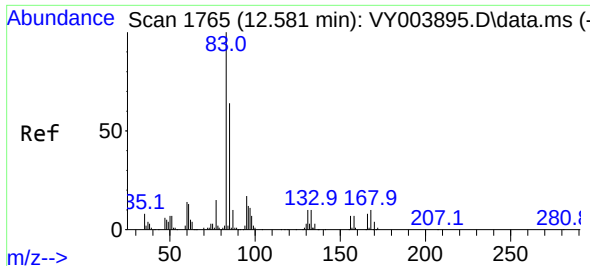
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#74
N-ethyl acetate
Concen: 26.02 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 43 Resp: 60318
Ion Ratio Lower Upper
43 100
70 35.0 33.0 49.6
55 22.9 19.6 29.4
61 21.6 18.8 28.2





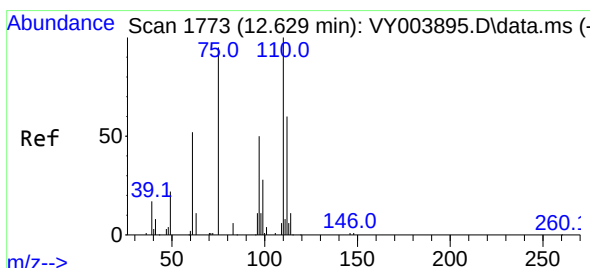
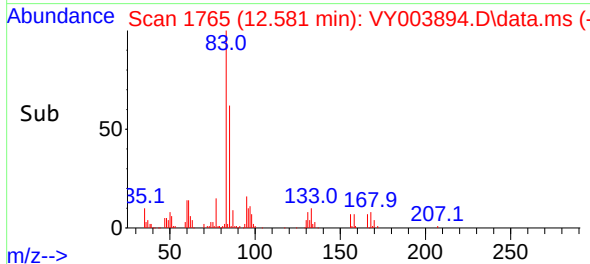
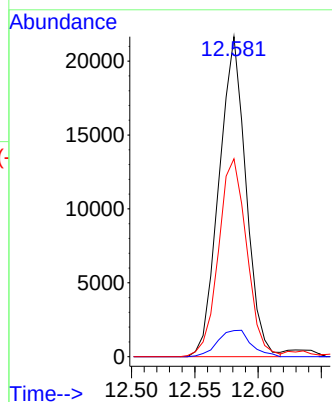
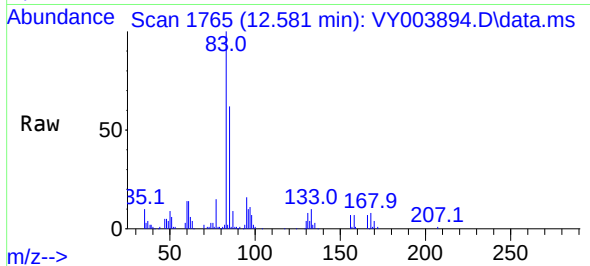
#75
1,1,2,2-Tetrachloroethane
Concen: 22.47 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 83 Resp: 32005
Ion Ratio Lower Upper
83 100
131 10.2 5.7 17.1
85 65.0 32.3 96.9

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

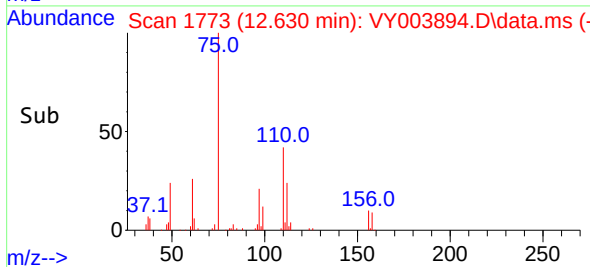
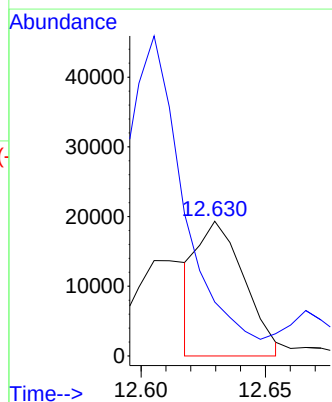
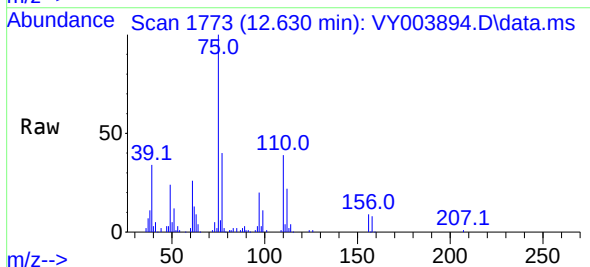
Manual Integrations
APPROVED

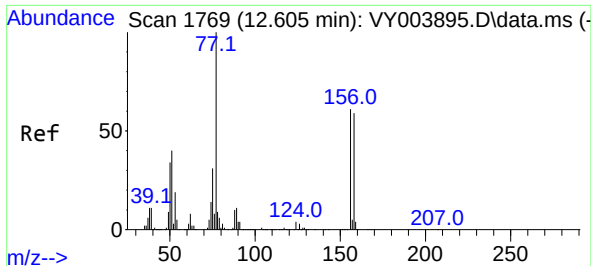
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#76
1,2,3-Trichloropropane
Concen: 22.63 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 75 Resp: 25472
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.26 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

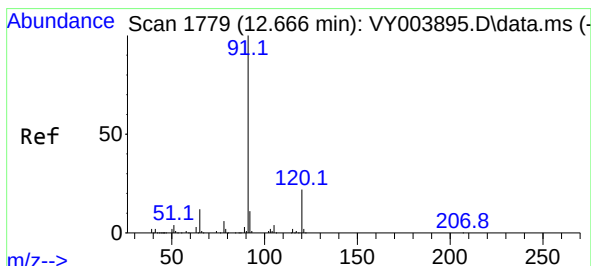
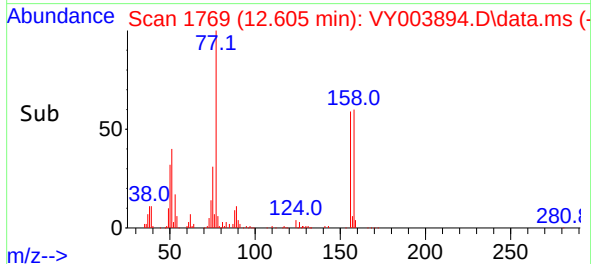
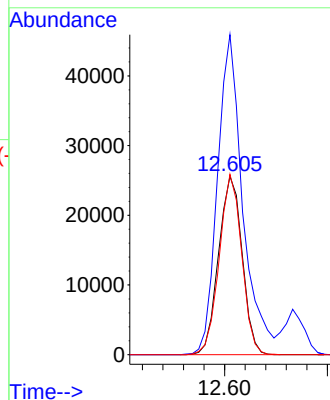
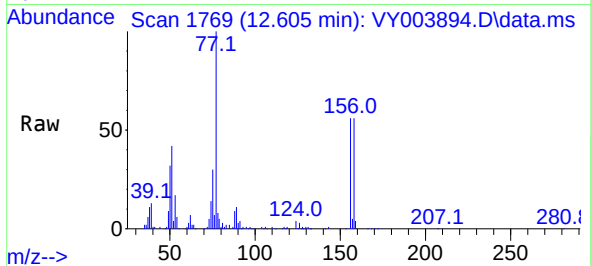
Tgt Ion: 156 Resp: 40658

Ion	Ratio	Lower	Upper
156	100		
77	192.6	83.6	250.8
158	96.5	48.6	145.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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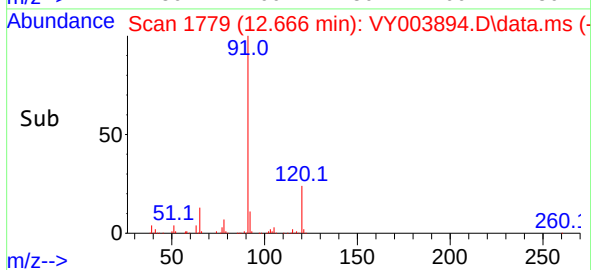
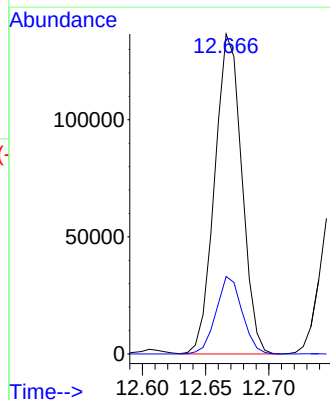
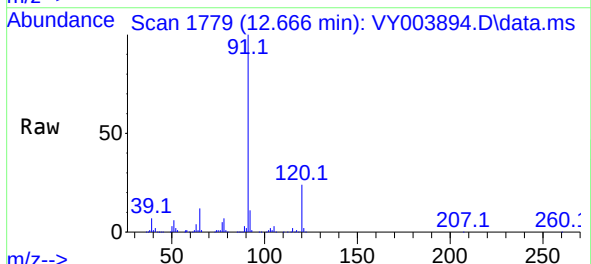
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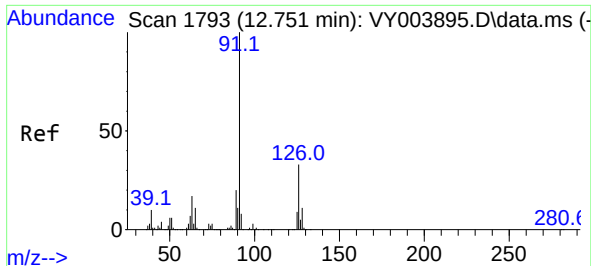


#78
n-propylbenzene
Concen: 22.17 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 91 Resp: 203485

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.4





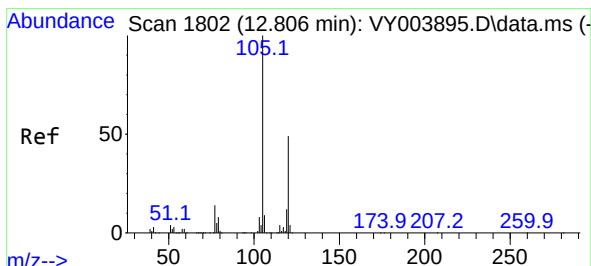
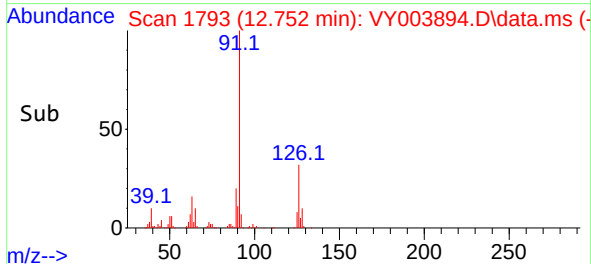
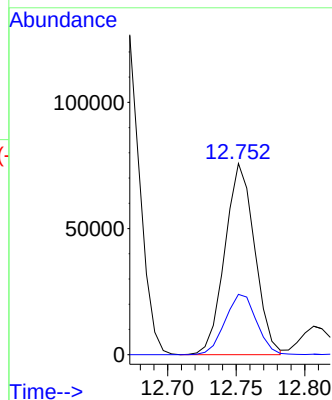
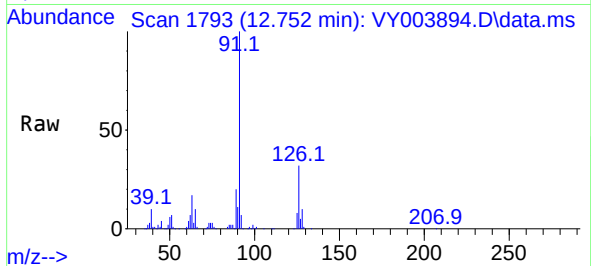
#79
2-Chlorotoluene
Concen: 21.95 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 91 Resp: 114666
Ion Ratio Lower Upper
91 100
126 33.3 17.5 52.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

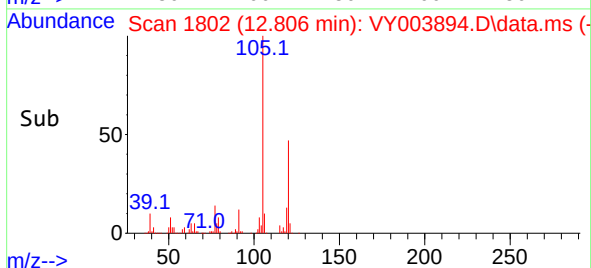
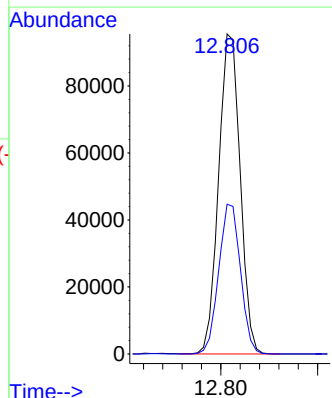
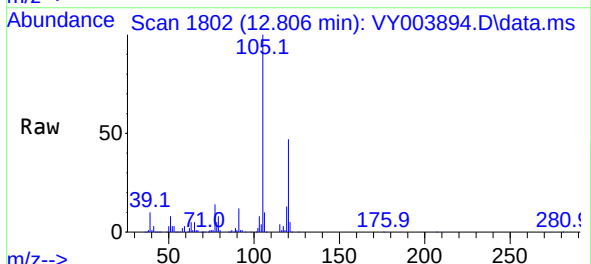
Manual Integrations
APPROVED

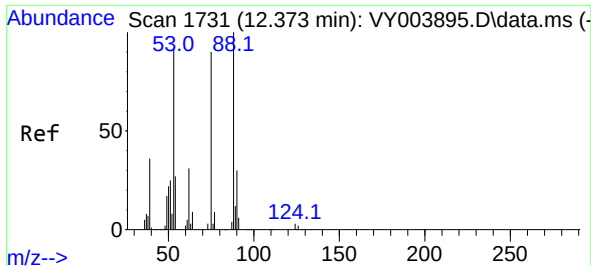
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#80
1,3,5-Trimethylbenzene
Concen: 22.10 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 105 Resp: 147553
Ion Ratio Lower Upper
105 100
120 47.2 24.4 73.4





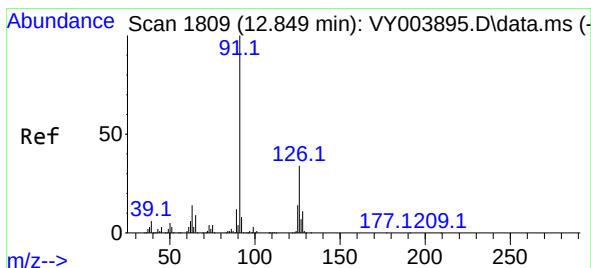
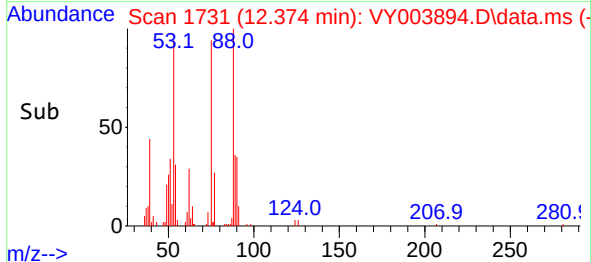
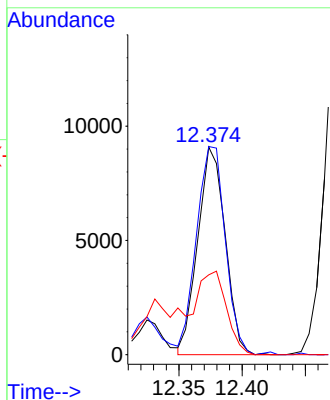
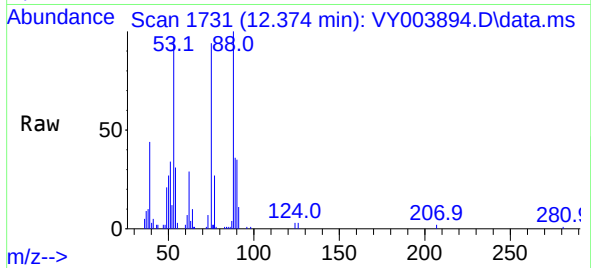
#81
trans-1,4-Dichloro-2-butene
Concen: 23.51 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 75 Resp: 13690
Ion Ratio Lower Upper
75 100
53 104.4 75.0 112.6
89 43.7 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

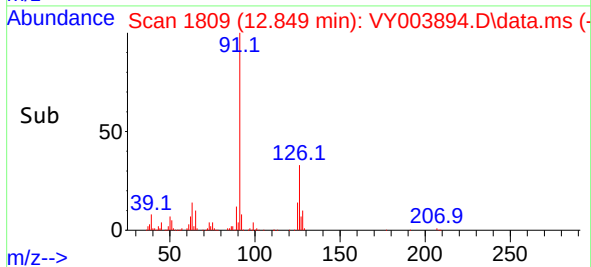
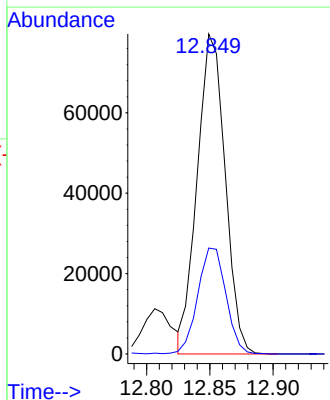
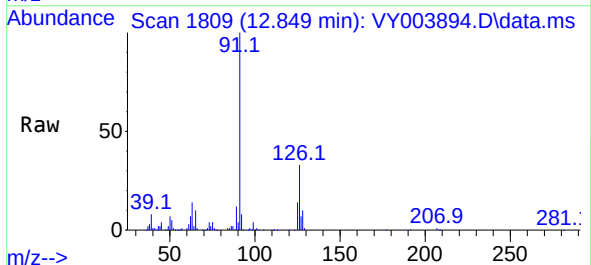
Manual Integrations
APPROVED

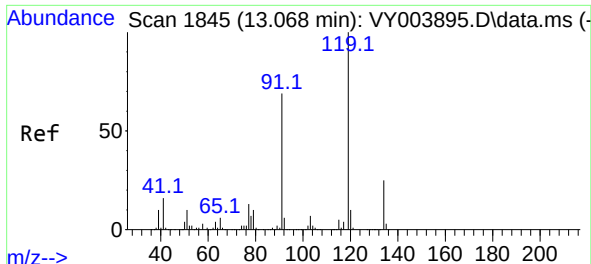
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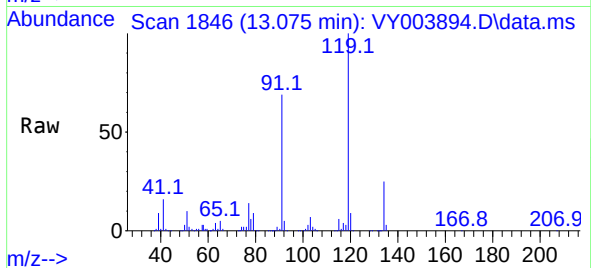
#82
4-Chlorotoluene
Concen: 22.23 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 91 Resp: 122326
Ion Ratio Lower Upper
91 100
126 33.6 17.4 52.2

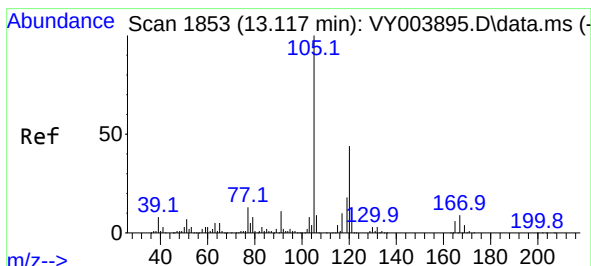
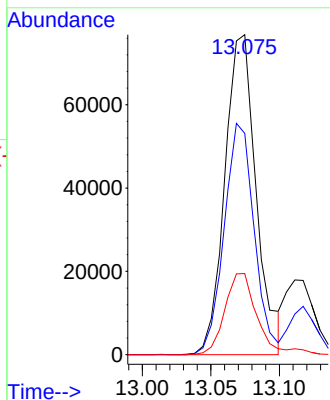
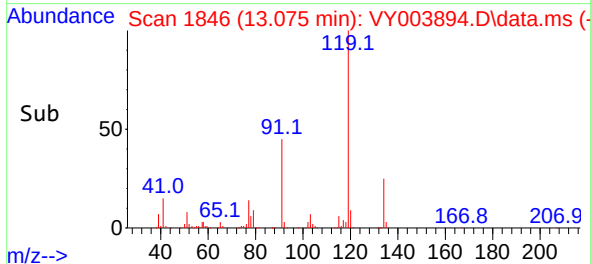




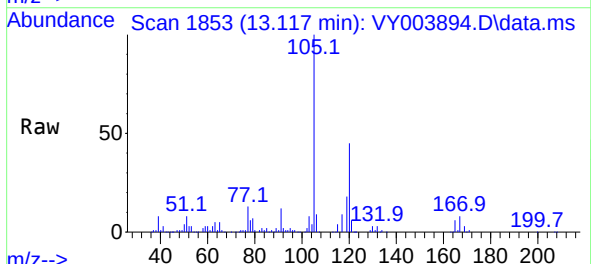
#83
tert-Butylbenzene
Concen: 21.31 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



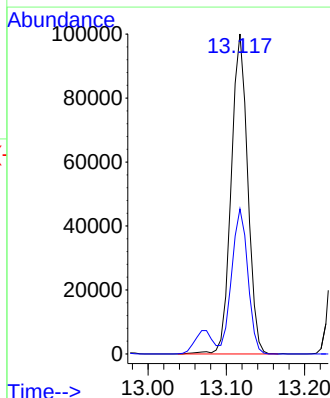
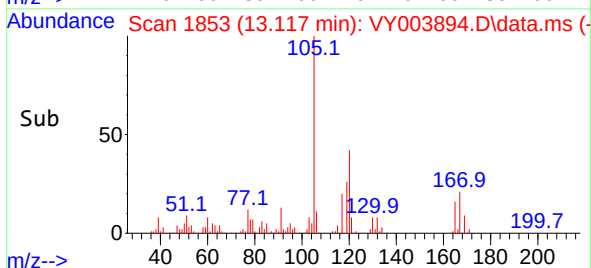
Tgt Ion:119 Resp: 122526
Ion Ratio Lower Upper
119 100
91 69.3 32.1 96.5
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.87 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



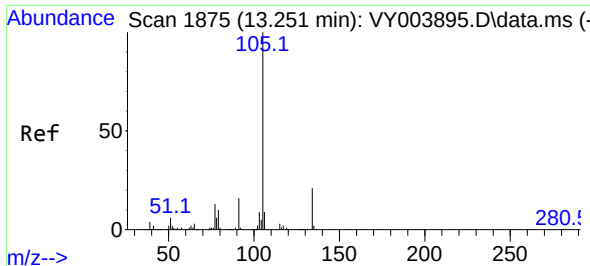
Tgt Ion:105 Resp: 145908
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.5



Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

Manual Integrations
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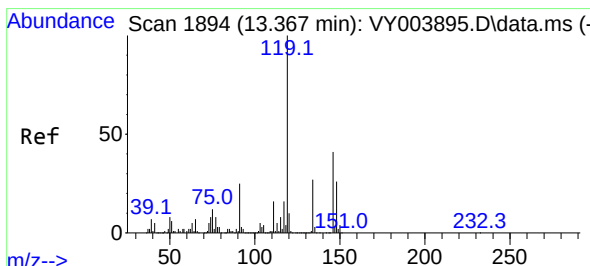
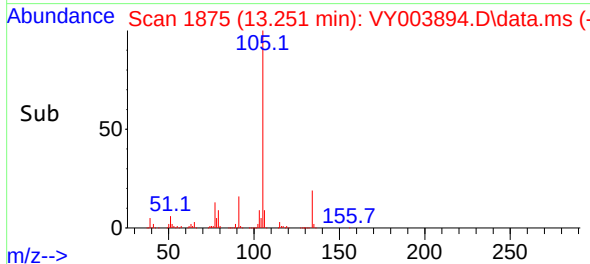
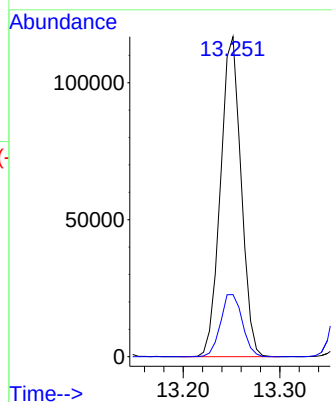
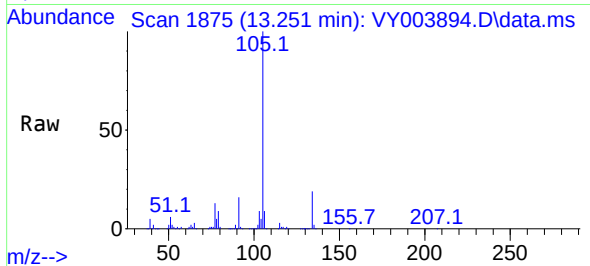
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#85
sec-Butylbenzene
Concen: 22.14 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

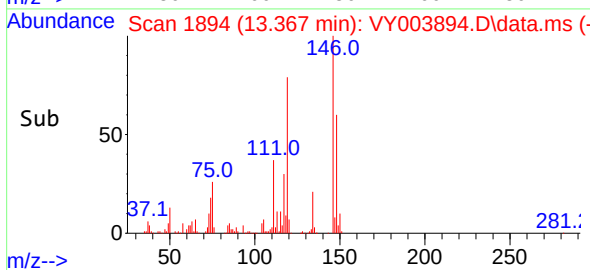
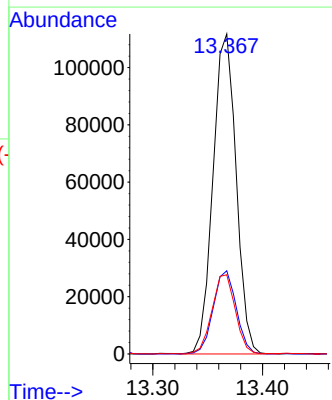
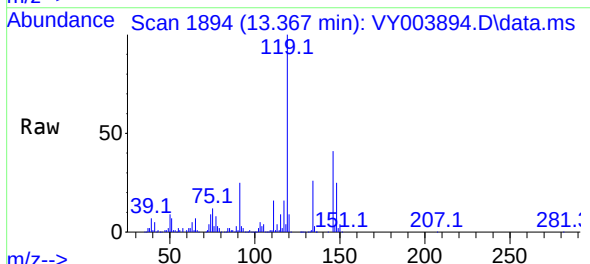
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

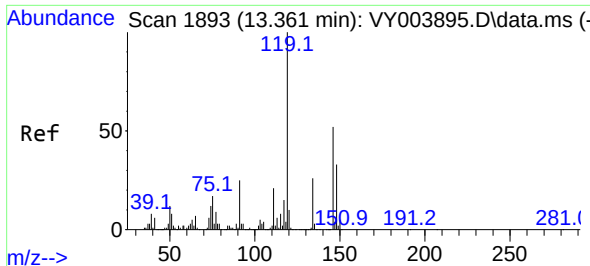
Tgt Ion:105 Resp: 172571
Ion Ratio Lower Upper
105 100
134 20.5 10.5 31.6



#86
p-Isopropyltoluene
Concen: 21.97 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:119 Resp: 164053
Ion Ratio Lower Upper
119 100
134 25.9 13.5 40.5
91 24.8 12.3 36.8





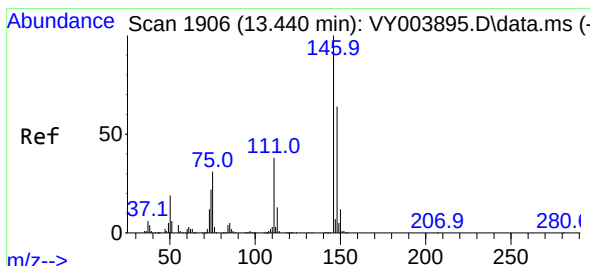
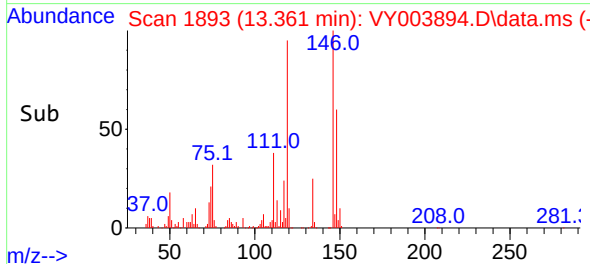
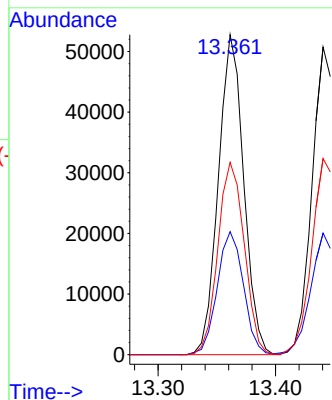
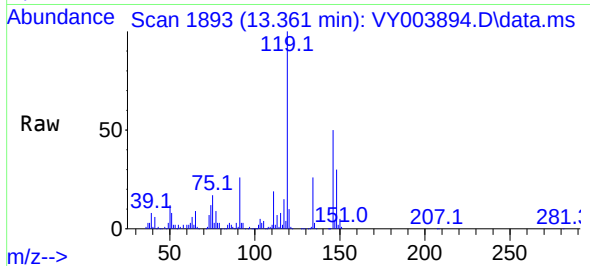
#87
1,3-Dichlorobenzene
Concen: 20.64 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:146 Resp: 79239
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.8
148 62.6 32.6 98.0

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

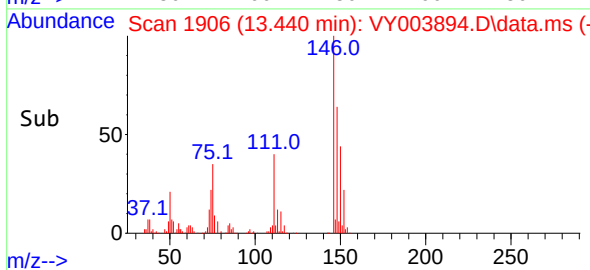
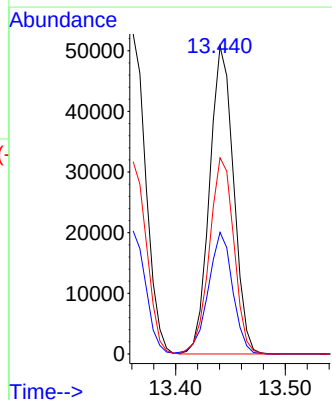
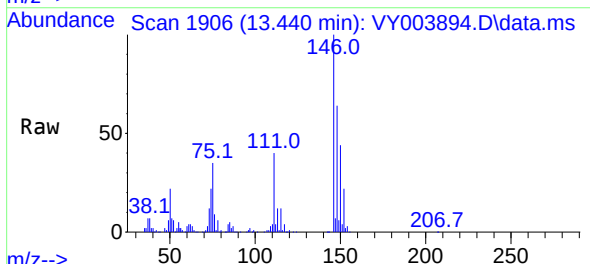
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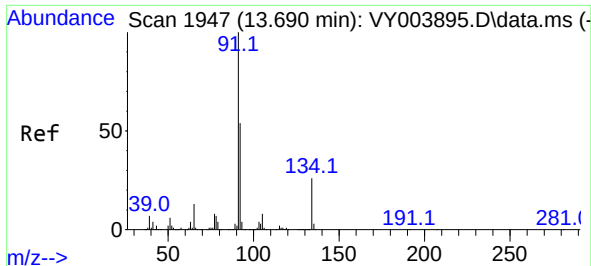
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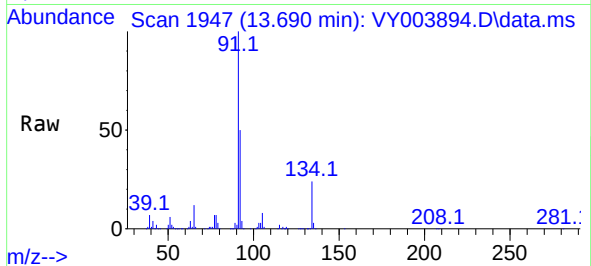
#88
1,4-Dichlorobenzene
Concen: 20.51 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:146 Resp: 77212
Ion Ratio Lower Upper
146 100
111 40.2 18.6 55.6
148 65.1 31.9 95.7

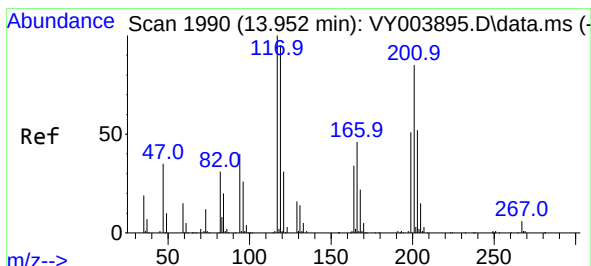
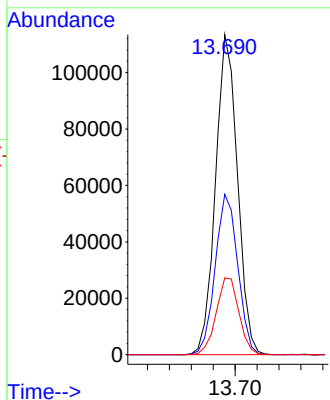
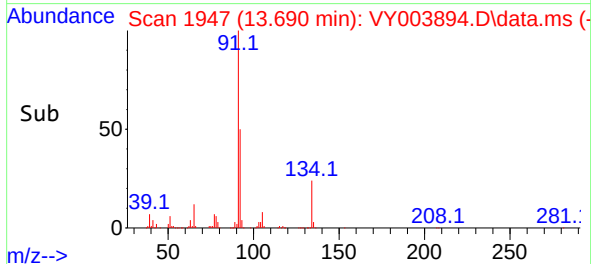




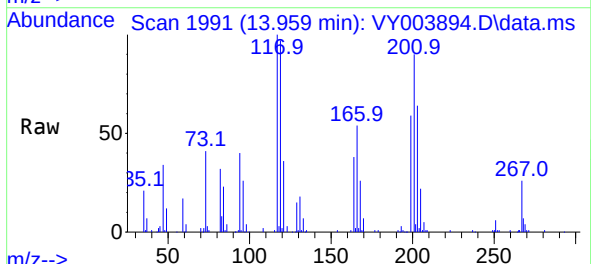
#89
n-Butylbenzene
Concen: 23.15 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



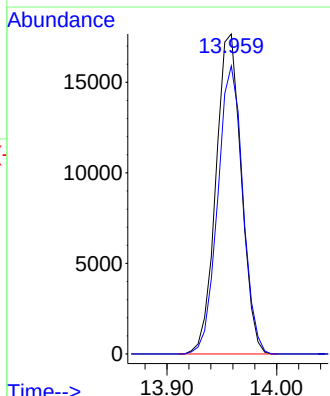
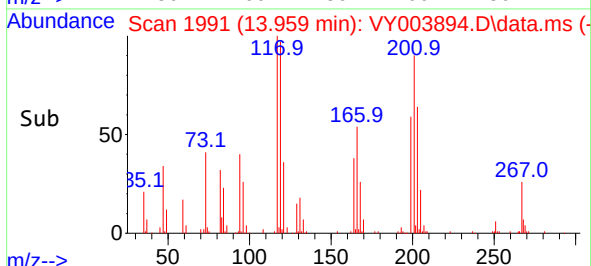
Tgt Ion: 91 Resp: 157663
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 24.9 13.9 41.7



#90
Hexachloroethane
Concen: 20.78 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23



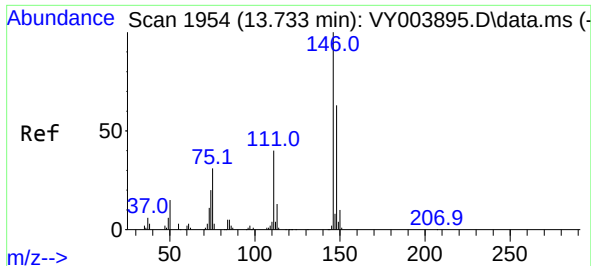
Tgt Ion: 117 Resp: 28465
Ion Ratio Lower Upper
117 100
201 89.2 46.7 140.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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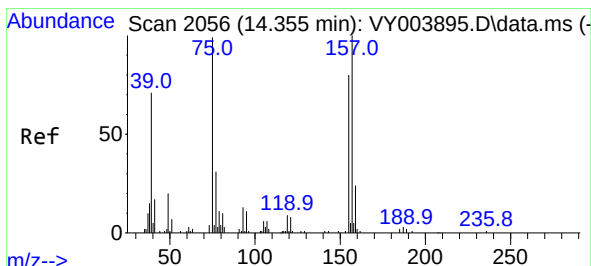
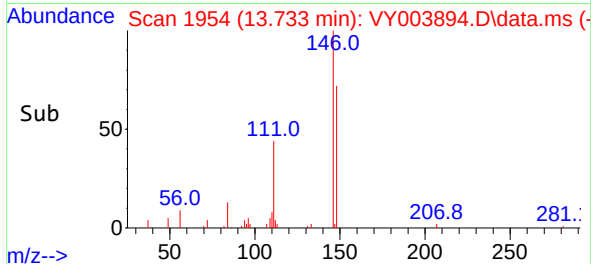
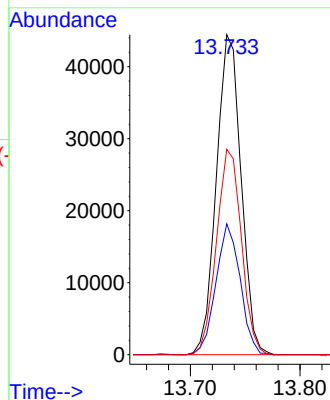
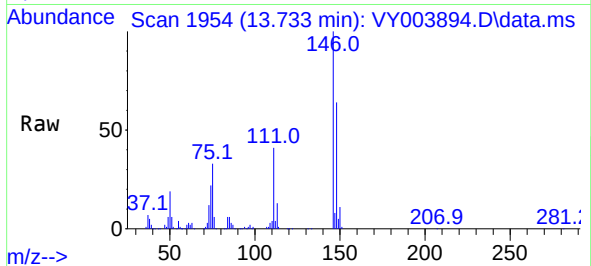
#91
1,2-Dichlorobenzene
Concen: 20.57 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 146 Resp: 69724
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.4
148 64.8 32.0 96.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

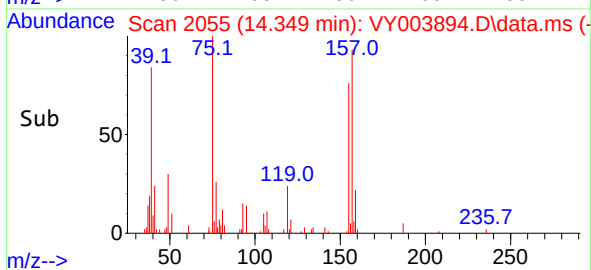
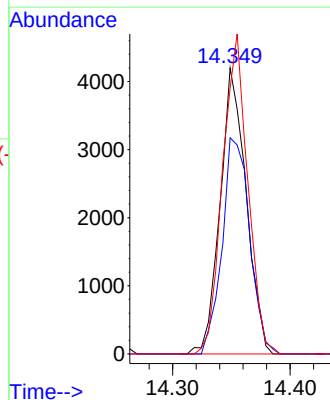
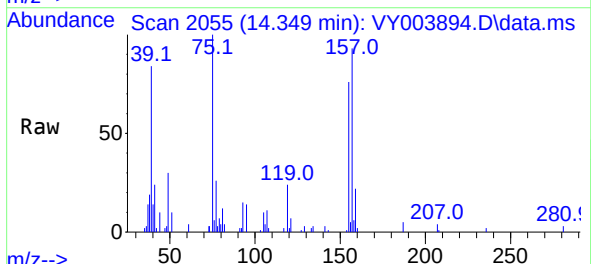
Manual Integrations
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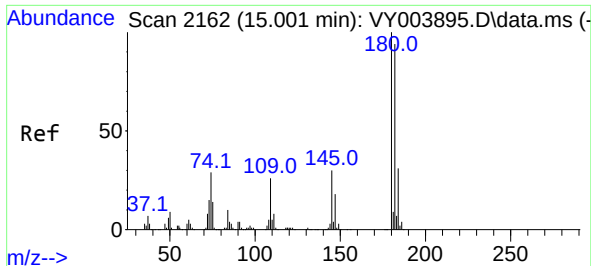
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#92
1,2-Dibromo-3-Chloropropane
Concen: 22.17 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion: 75 Resp: 6445
Ion Ratio Lower Upper
75 100
155 80.0 47.3 141.8
157 108.3 56.8 170.4





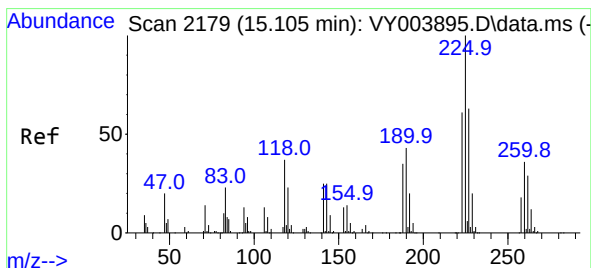
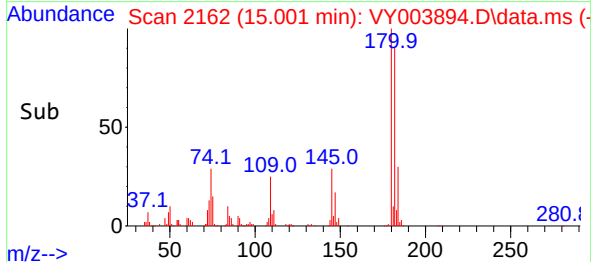
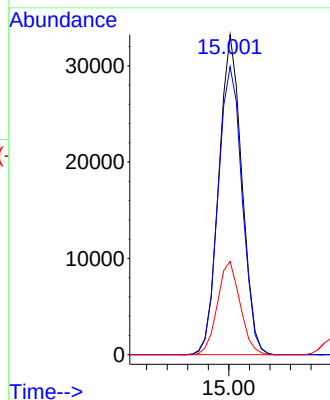
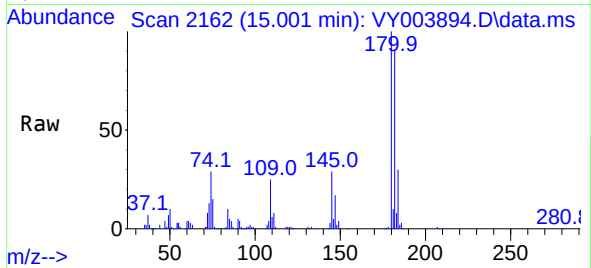
#93
1,2,4-Trichlorobenzene
Concen: 20.70 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:180 Resp: 51548
Ion Ratio Lower Upper
180 100
182 93.8 47.8 143.3
145 28.7 14.2 42.8

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

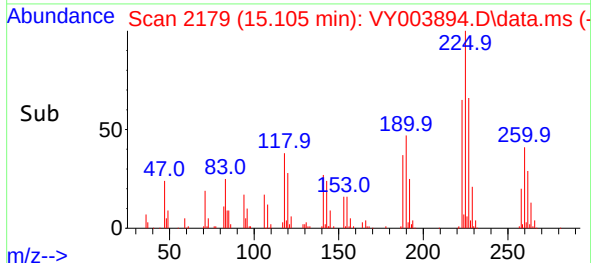
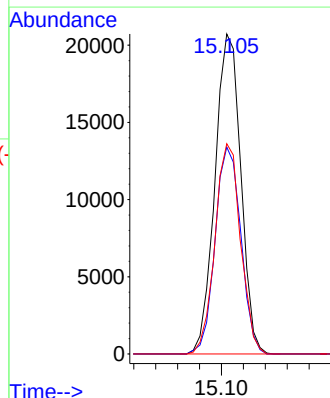
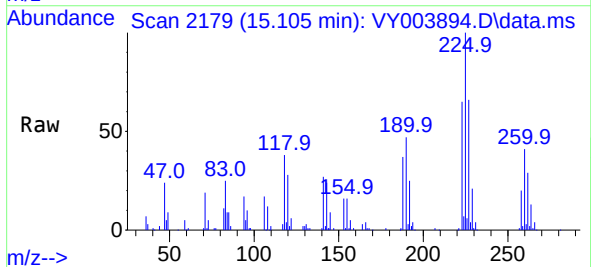
Manual Integrations
APPROVED

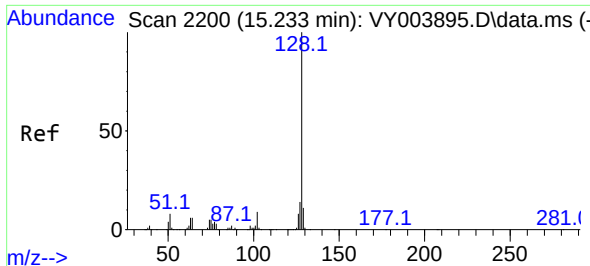
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#94
Hexachlorobutadiene
Concen: 20.23 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. 0.000 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:225 Resp: 33911
Ion Ratio Lower Upper
225 100
223 64.3 31.2 93.6
227 65.1 31.9 95.9





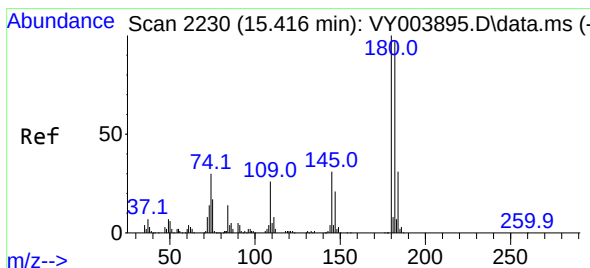
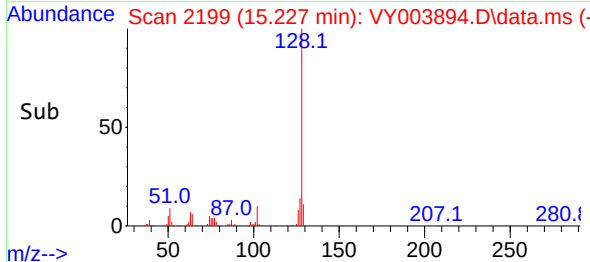
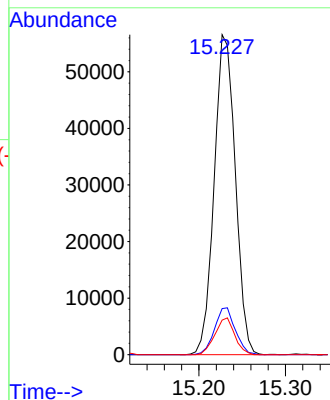
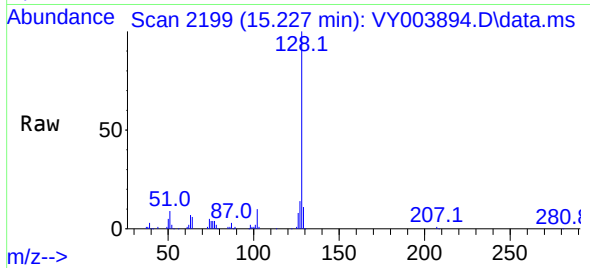
#95
Naphthalene
Concen: 21.73 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:	128	Resp:	95804
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.6	15.8
129	10.8	8.7	13.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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MMDadoda
1/13/2021 4:36:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.99 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.006 min
Lab File: VY003894.D
Acq: 12 Jan 2021 10:23

Tgt Ion:	180	Resp:	45519
Ion Ratio	Lower	Upper	
180	100		
182	90.9	47.8	143.4
145	29.3	14.8	44.4

