

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004689.D
 Acq On : 03 May 2021 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: May 04 01:11:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	198161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	316156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	118222	53.70	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	107.40%		
35) Dibromofluoromethane	7.722	113	85920	48.97	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.94%		
50) Toluene-d8	10.179	98	387399	51.91	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.82%		
62) 4-Bromofluorobenzene	12.483	95	136796	54.02	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.04%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	86181	46.94	ug/l	95
3) Chloromethane	2.113	50	126849	47.78	ug/l	97
4) Vinyl Chloride	2.253	62	138981	49.57	ug/l	99
5) Bromomethane	2.650	94	75615	55.27	ug/l	97
6) Chloroethane	2.796	64	88719	52.77	ug/l	99
7) Trichlorofluoromethane	3.125	101	182624	52.08	ug/l	99
8) Diethyl Ether	3.534	74	58965	49.75	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	100734	51.79	ug/l	99
10) Methyl Iodide	4.088	142	105280	45.22	ug/l	99
11) Tert butyl alcohol	4.966	59	53501	246.57	ug/l	98
12) 1,1-Dichloroethene	3.875	96	94919	49.35	ug/l	95
13) Acrolein	3.735	56	52653	218.29	ug/l	98
14) Allyl chloride	4.485	41	175051	47.58	ug/l	97
15) Acrylonitrile	5.167	53	156125	245.53	ug/l	97
16) Acetone	3.954	43	104713	221.92	ug/l	93
17) Carbon Disulfide	4.192	76	256938	43.38	ug/l	99
18) Methyl Acetate	4.479	43	77671	50.65	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	294417	50.94	ug/l	98
20) Methylene Chloride	4.722	84	112206	52.77	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	108415	49.81	ug/l	99
22) Diisopropyl ether	6.118	45	385025	49.51	ug/l	96
23) Vinyl Acetate	6.064	43	1284872	242.72	ug/l	100
24) 1,1-Dichloroethane	6.021	63	203153	51.14	ug/l	99
25) 2-Butanone	6.990	43	192789	229.87	ug/l	98
26) 2,2-Dichloropropane	6.984	77	189040	53.03	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	122439	50.28	ug/l	99
28) Bromochloromethane	7.338	49	101453	56.19	ug/l	98
29) Tetrahydrofuran	7.350	42	143761	239.92	ug/l	97
30) Chloroform	7.508	83	205060	52.53	ug/l	98
31) Cyclohexane	7.789	56	184123	45.62	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	186928	52.78	ug/l	100
36) 1,1-Dichloropropene	7.917	75	160230	51.00	ug/l	99
37) Ethyl Acetate	7.082	43	100042	49.45	ug/l	99
38) Carbon Tetrachloride	7.899	117	156175	57.51	ug/l	98
39) Methylcyclohexane	9.185	83	194392	50.26	ug/l	98
40) Benzene	8.161	78	453358	51.35	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	62743m	51.18	ug/l	
42) 1,2-Dichloroethane	8.240	62	145465	52.52	ug/l	100
43) Isopropyl Acetate	8.277	43	191219	49.86	ug/l	100
44) Trichloroethene	8.941	130	124287	51.63	ug/l	95
45) 1,2-Dichloropropane	9.215	63	116647	51.19	ug/l	99
46) Dibromomethane	9.307	93	65197	52.56	ug/l	99
47) Bromodichloromethane	9.496	83	163559	54.46	ug/l	99
48) Methyl methacrylate	9.295	41	90479	51.23	ug/l	97
49) 1,4-Dioxane	9.301	88	17589	1085.64	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	515470	261.66	ug/l	100
52) Toluene	10.246	92	291683	51.06	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	175995	53.13	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	198386	52.73	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	90613	53.01	ug/l	97
56) Ethyl methacrylate	10.508	69	131072	52.88	ug/l	97
57) 1,3-Dichloropropane	10.794	76	161435	52.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	364105	287.09	ug/l	100
59) 2-Hexanone	10.837	43	342410	259.28	ug/l	100
60) Dibromochloromethane	10.983	129	110798	54.54	ug/l	100
61) 1,2-Dibromoethane	11.087	107	86478	52.47	ug/l	99
64) Tetrachloroethene	10.721	164	137454	55.59	ug/l	99
65) Chlorobenzene	11.514	112	303402	52.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	112661	54.46	ug/l	99
67) Ethyl Benzene	11.593	91	568851	52.46	ug/l	99
68) m/p-Xylenes	11.703	106	426875	105.94	ug/l	99
69) o-Xylene	12.026	106	198244	52.50	ug/l	98
70) Styrene	12.044	104	341441	54.59	ug/l	99
71) Bromoform	12.209	173	66656	54.33	ug/l #	99
73) Isopropylbenzene	12.331	105	556237	50.80	ug/l	100
74) N-amyl acetate	12.142	43	181561	49.26	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	100068	48.31	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	70745m	46.52	ug/l	
77) Bromobenzene	12.611	156	122558	49.94	ug/l	100
78) n-propylbenzene	12.672	91	669024	51.72	ug/l	99
79) 2-Chlorotoluene	12.758	91	363321	51.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	471369	52.97	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	41134	48.39	ug/l #	74
82) 4-Chlorotoluene	12.855	91	390334	52.26	ug/l	99
83) tert-Butylbenzene	13.075	119	392450	51.52	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	474794	52.87	ug/l	100
85) sec-Butylbenzene	13.251	105	562579	52.95	ug/l	99
86) p-Isopropyltoluene	13.367	119	516514	53.44	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	240646	52.50	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	237473	51.47	ug/l	99
89) n-Butylbenzene	13.696	91	490546	53.17	ug/l	99
90) Hexachloroethane	13.959	117	75779	58.44	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	211126	51.89	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17871	48.08	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	134948	50.16	ug/l	99
94) Hexachlorobutadiene	15.111	225	75294	53.61	ug/l	100
95) Naphthalene	15.239	128	282130	48.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	116690	49.17	ug/l	100

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

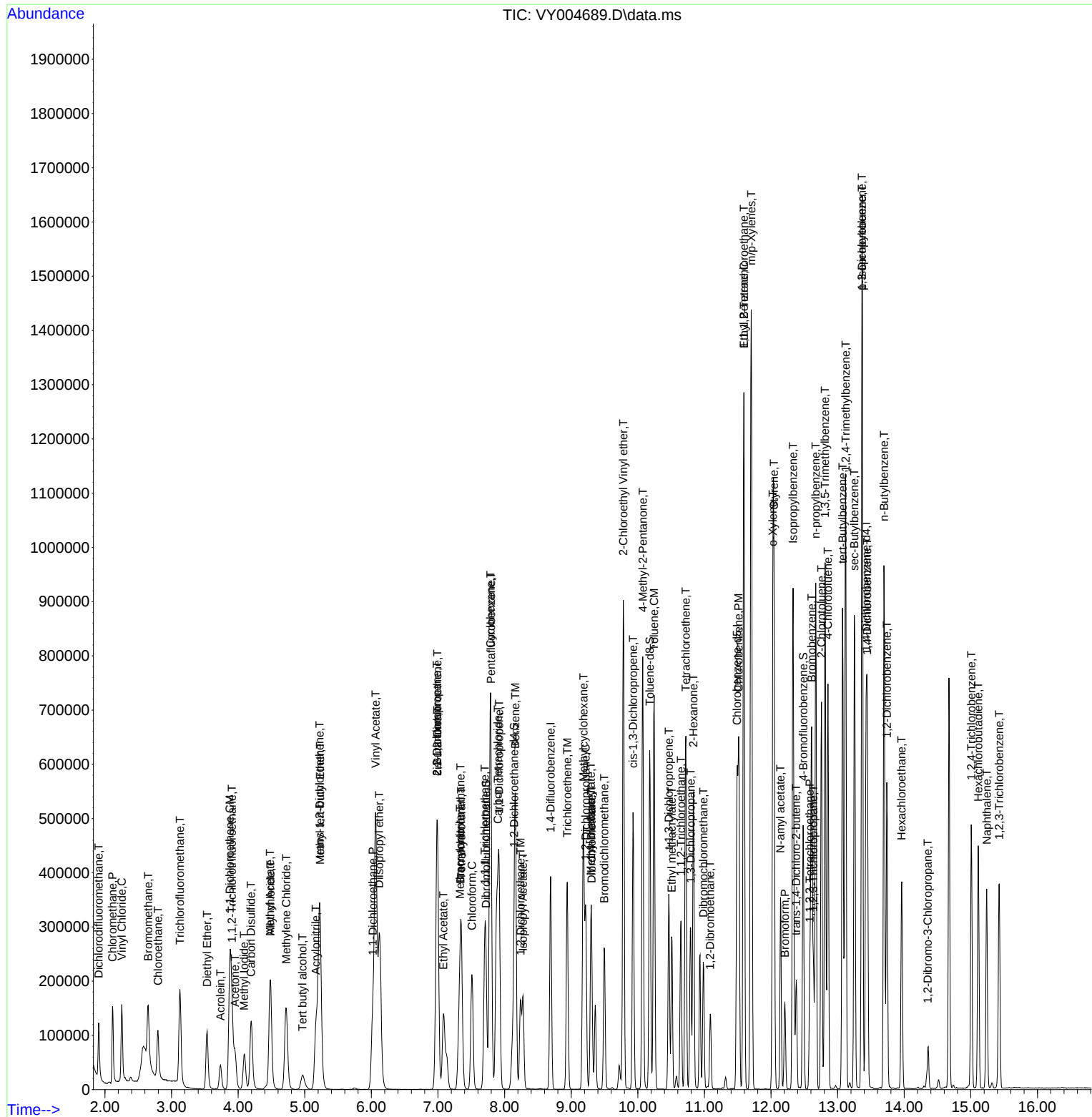
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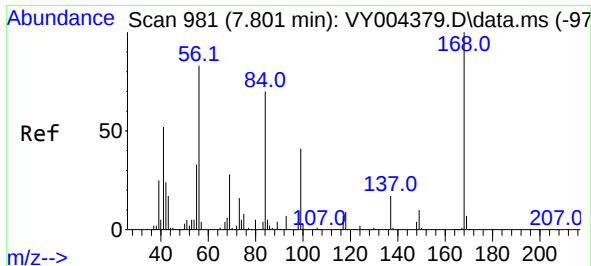
Instrument :
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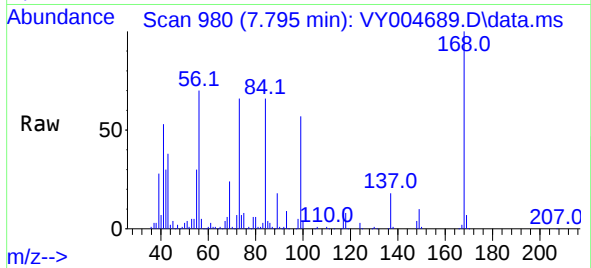
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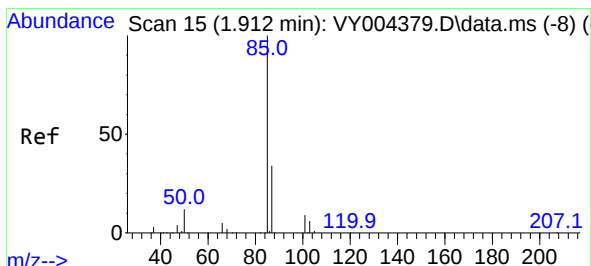
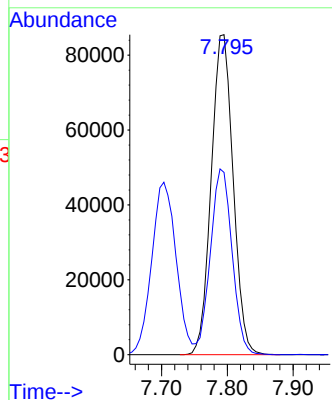
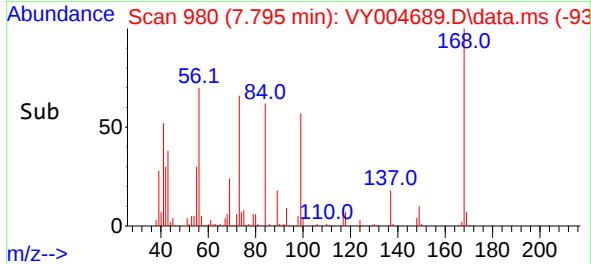




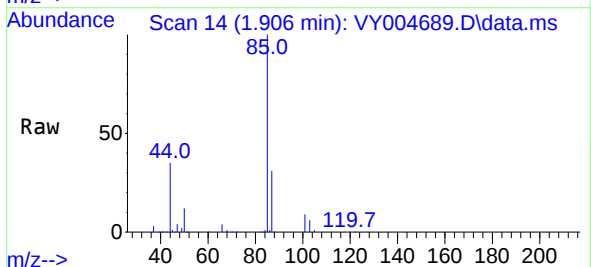
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004689.D
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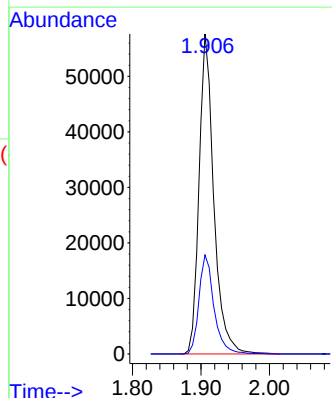
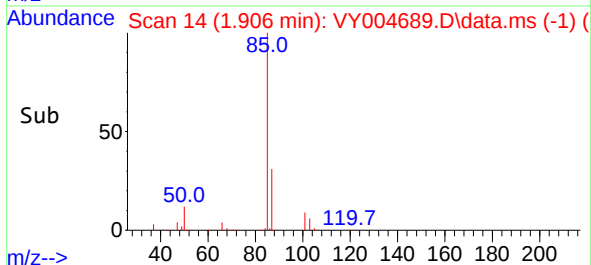
Tgt Ion:168 Resp: 198161
Ion Ratio Lower Upper
168 100
99 56.9 45.5 68.3



#2
Dichlorodifluoromethane
Concen: 46.94 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



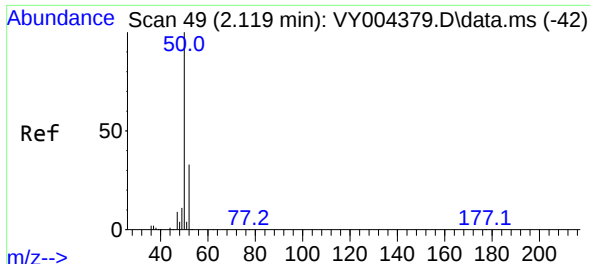
Tgt Ion: 85 Resp: 86181
Ion Ratio Lower Upper
85 100
87 30.9 16.8 50.4



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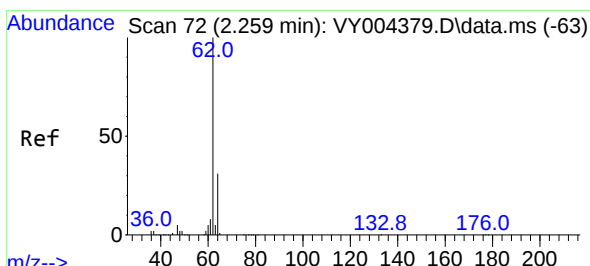
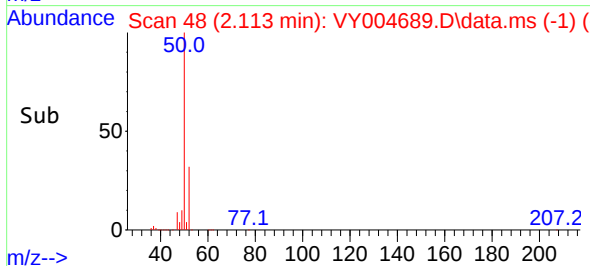
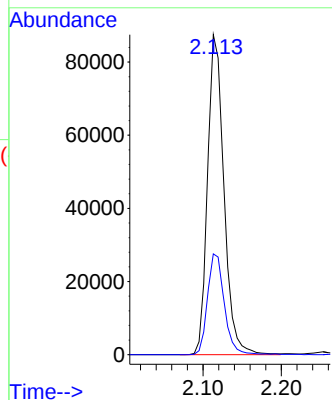
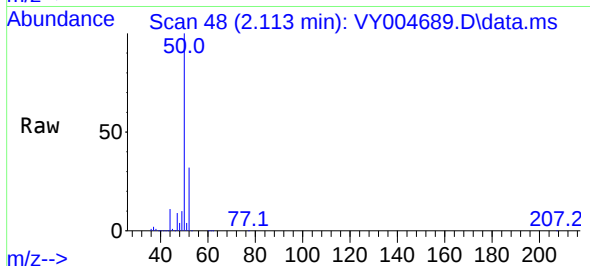
#3
Chloromethane
Concen: 47.78 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 50 Resp: 126849
Ion Ratio Lower Upper
50 100
52 31.5 26.6 39.8

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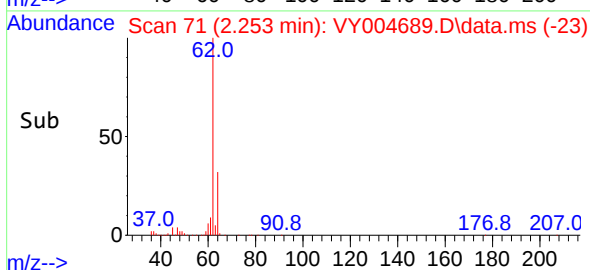
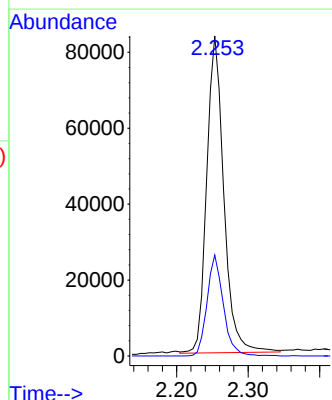
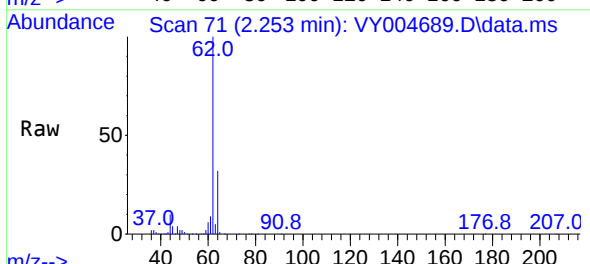
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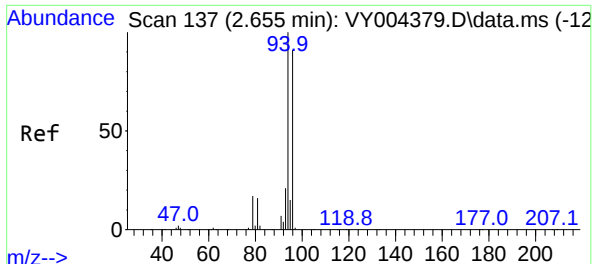
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#4
Vinyl Chloride
Concen: 49.57 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

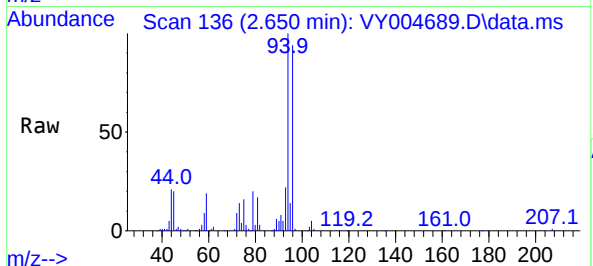
Tgt Ion: 62 Resp: 138981
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5
Bromomethane
Concen: 55.27 ug/l
RT: 2.650 min Scan# 136
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

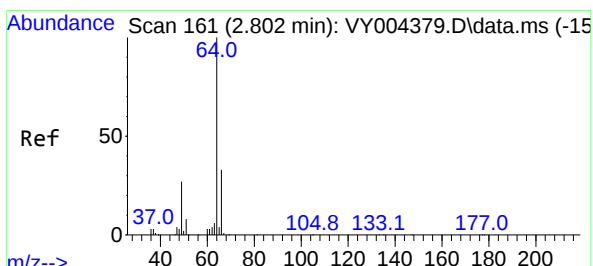
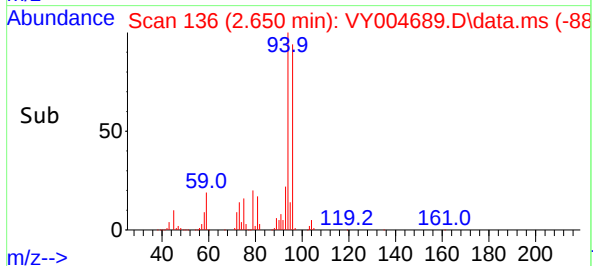
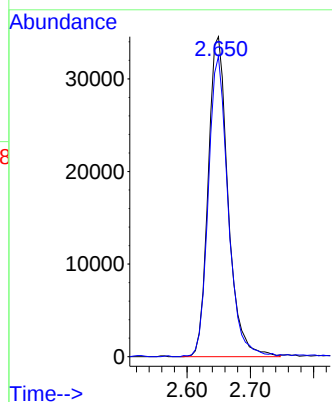
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Tgt Ion: 94 Resp: 75615
Ion Ratio Lower Upper
94 100
96 93.8 72.6 108.8

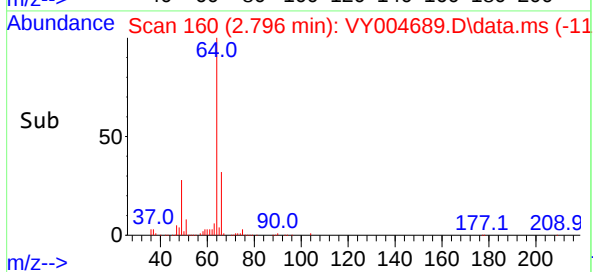
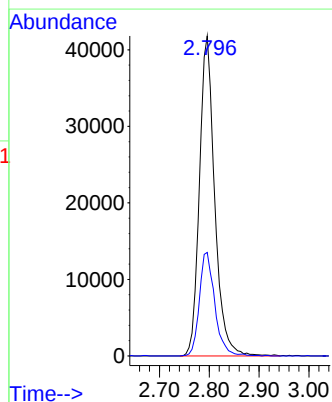
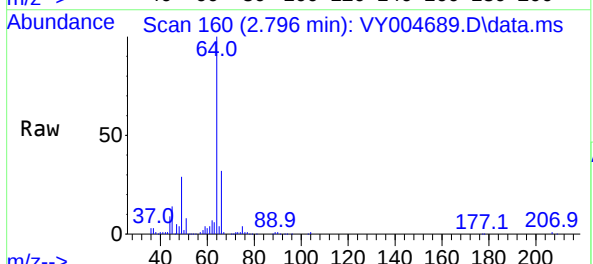
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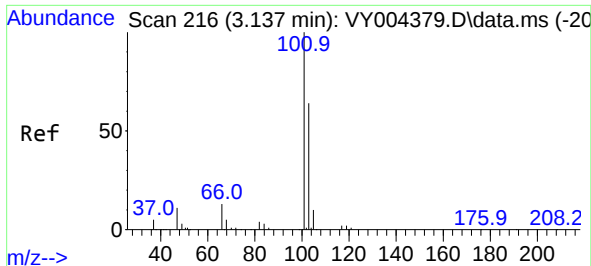
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#6
Chloroethane
Concen: 52.77 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 64 Resp: 88719
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





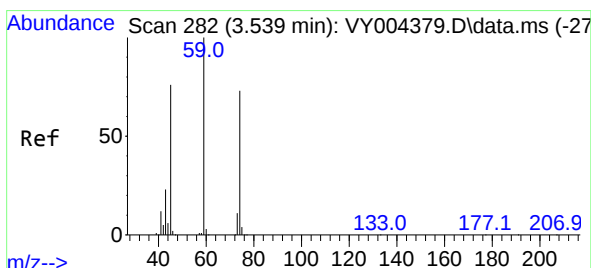
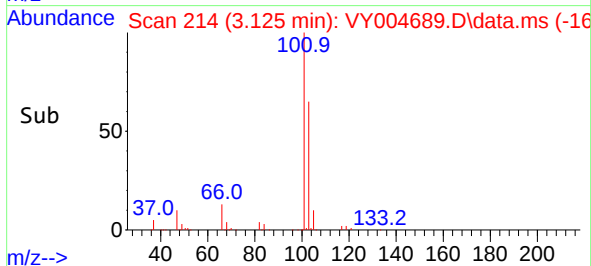
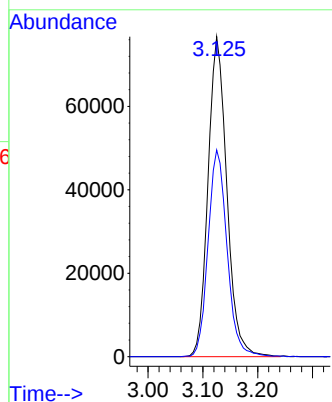
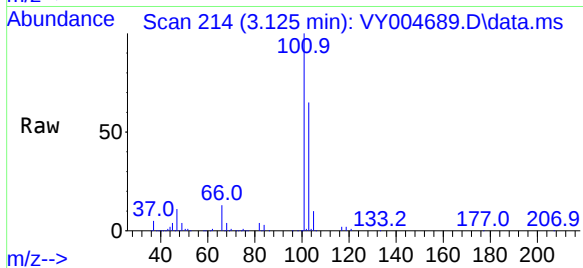
#7
Trichlorofluoromethane
Concen: 52.08 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:101 Resp: 182624
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8

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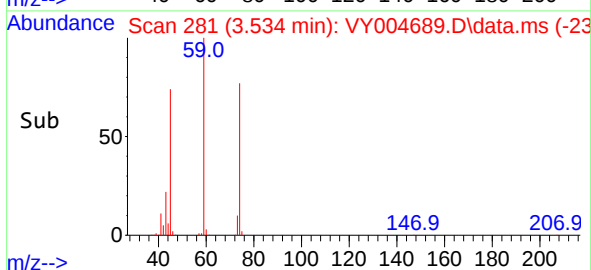
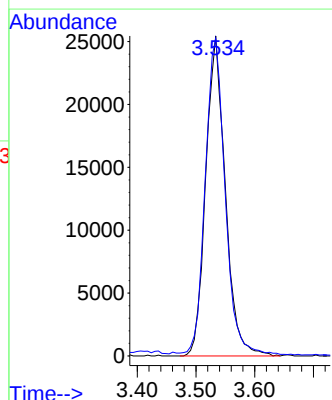
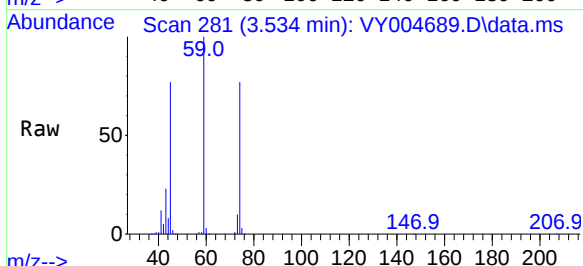
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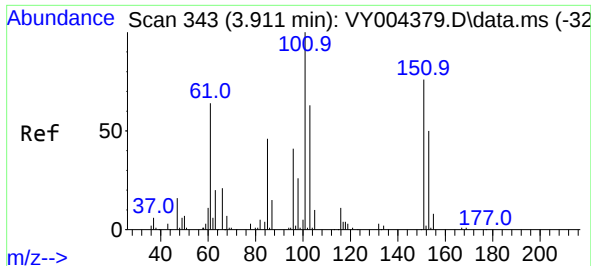
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#8
Diethyl Ether
Concen: 49.75 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY004689.D
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Tgt Ion: 74 Resp: 58965
Ion Ratio Lower Upper
74 100
45 100.6 52.3 156.8





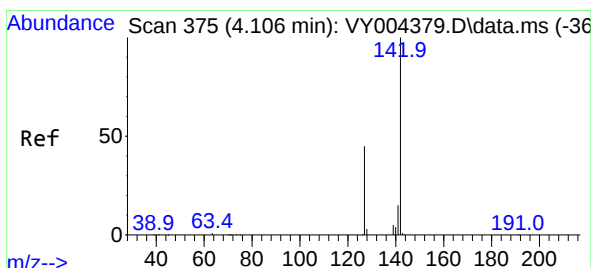
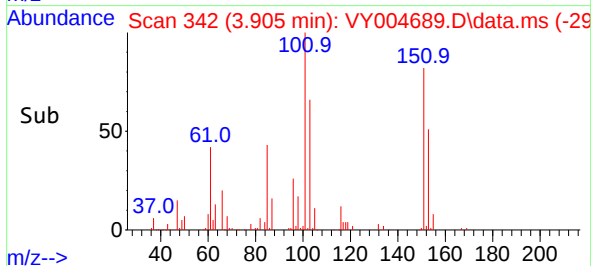
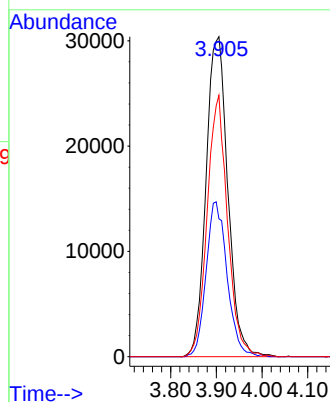
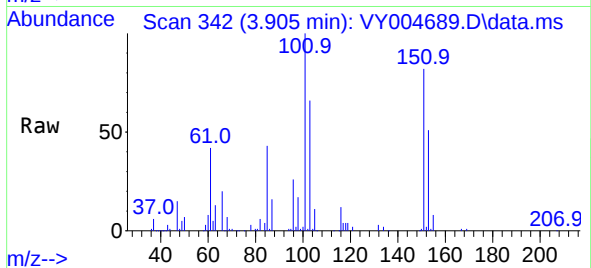
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.79 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:101 Resp: 100734
Ion Ratio Lower Upper
101 100
85 46.5 36.9 55.3
151 76.5 62.0 93.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

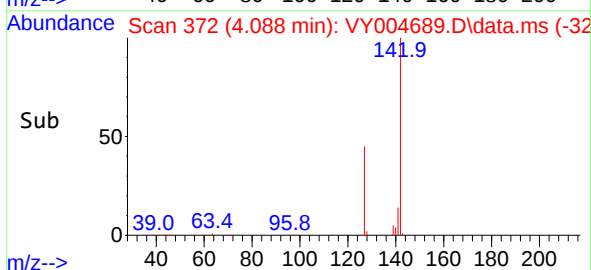
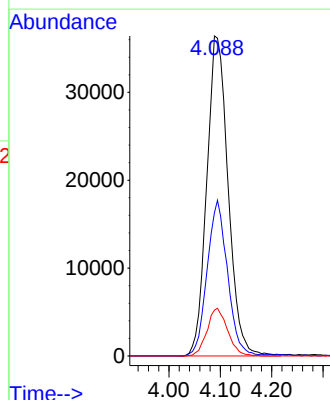
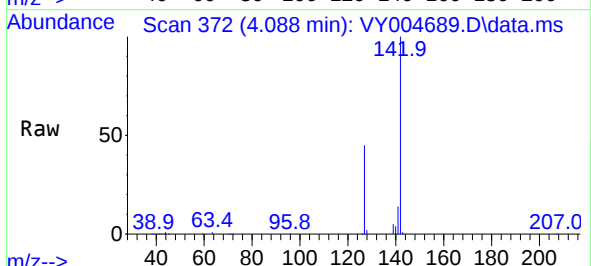
Manual Integrations
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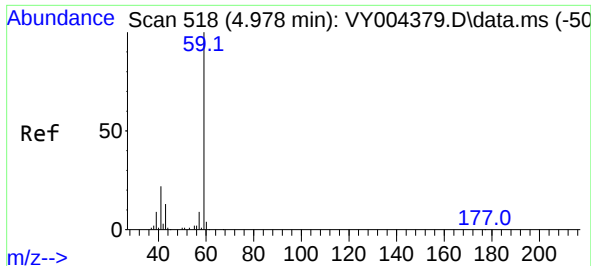
MMDadoda
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#10
Methyl Iodide
Concen: 45.22 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.018 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:142 Resp: 105280
Ion Ratio Lower Upper
142 100
127 46.3 36.2 54.4
141 14.3 11.6 17.4





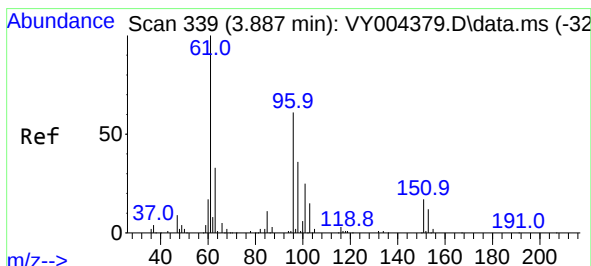
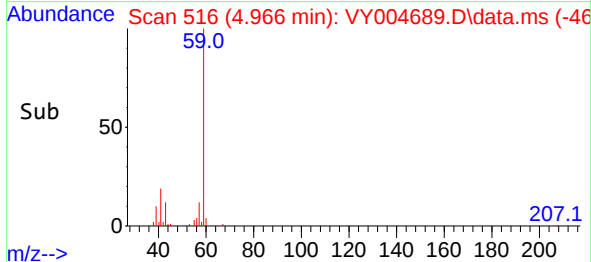
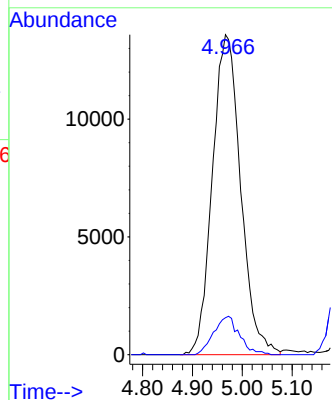
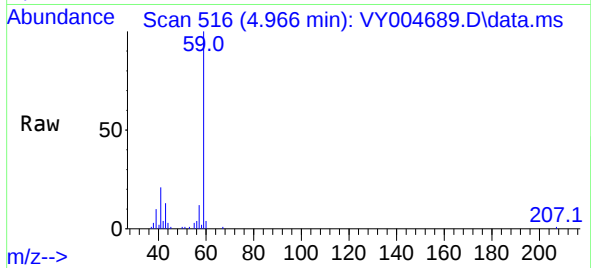
#11
Tert butyl alcohol
Concen: 246.57 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 59 Resp: 53501
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

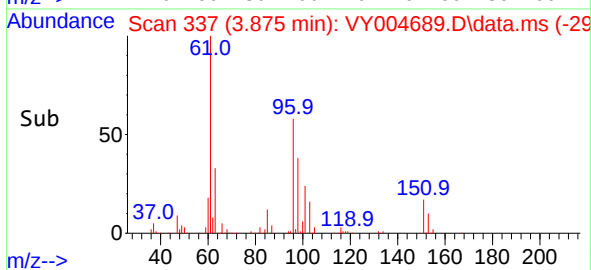
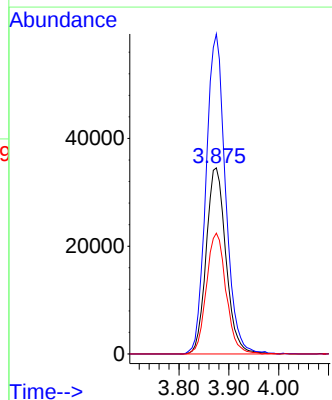
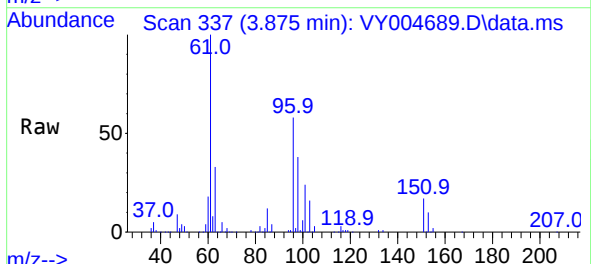
Manual Integrations
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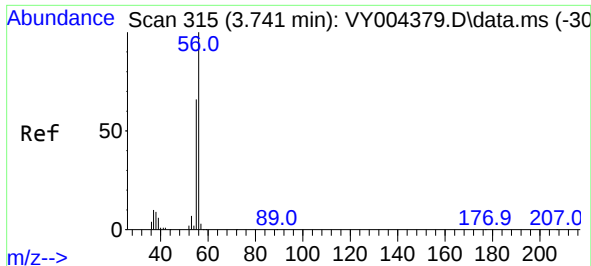
MMDadoda
5/4/2021 5:33:28 PM



#12
1,1-Dichloroethene
Concen: 49.35 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 96 Resp: 94919
Ion Ratio Lower Upper
96 100
61 172.0 132.1 198.1
98 64.9 48.2 72.2





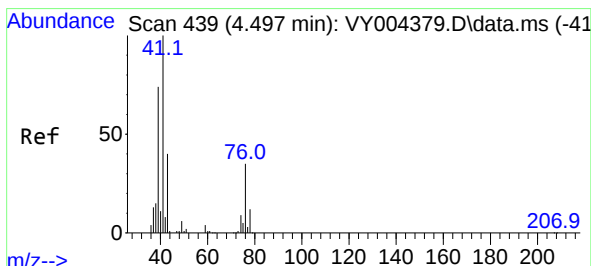
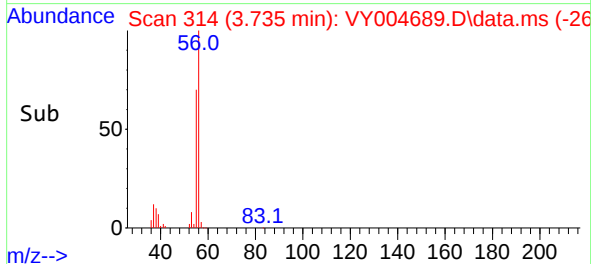
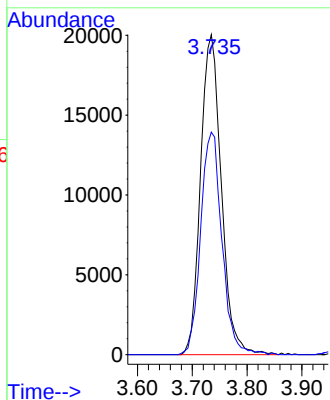
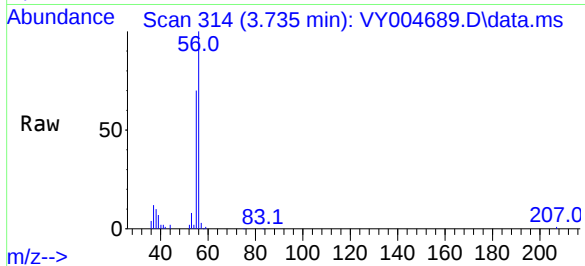
#13
Acrolein
Concen: 218.29 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 56 Resp: 52653
Ion Ratio Lower Upper
56 100
55 71.2 55.4 83.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

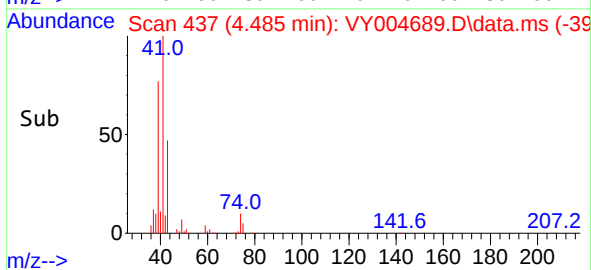
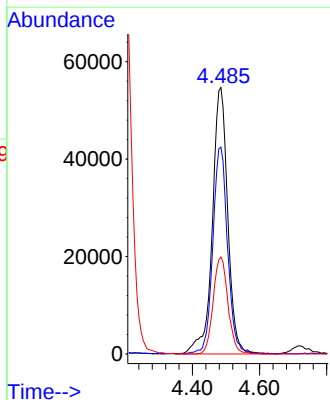
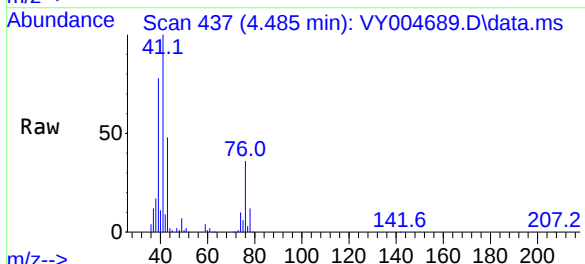
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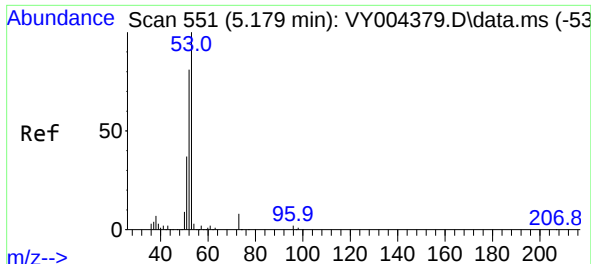
MMDadoda
5/4/2021 5:33:28 PM



#14
Allyl chloride
Concen: 47.58 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

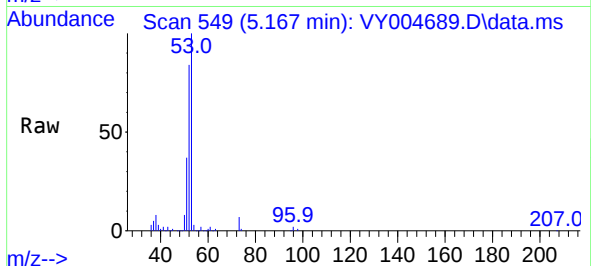
Tgt Ion: 41 Resp: 175051
Ion Ratio Lower Upper
41 100
39 74.4 56.9 85.3
76 34.7 26.8 40.2





#15
Acrylonitrile
Concen: 245.53 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

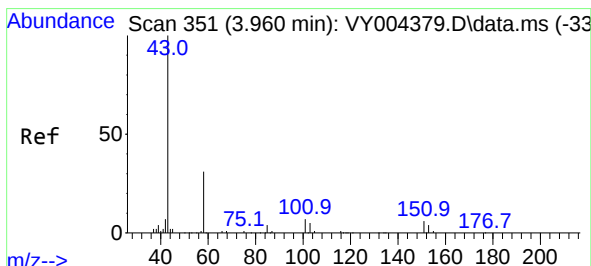
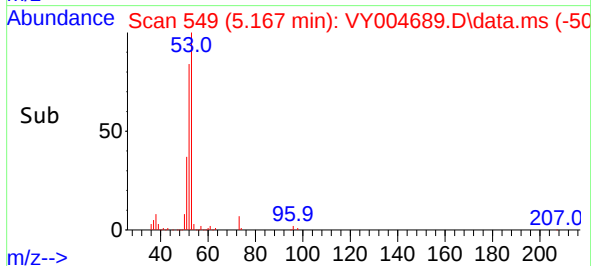
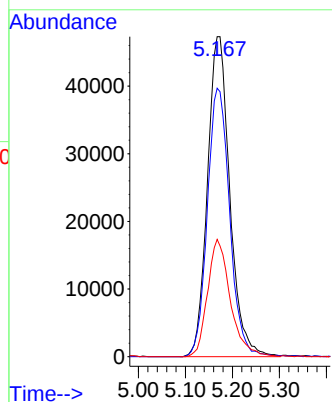
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 156125
Ion Ratio Lower Upper
53 100
52 84.0 64.9 97.3
51 37.4 29.3 43.9

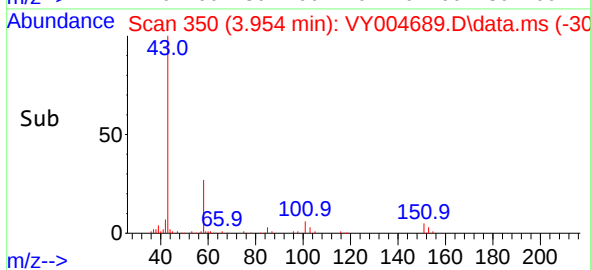
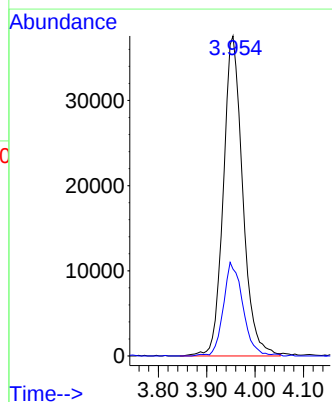
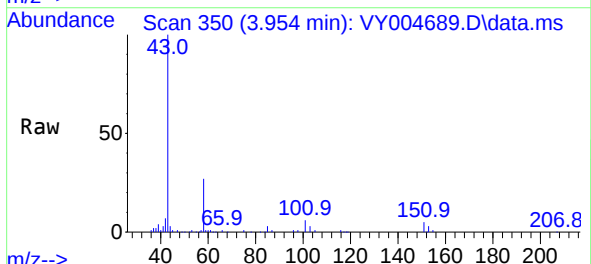
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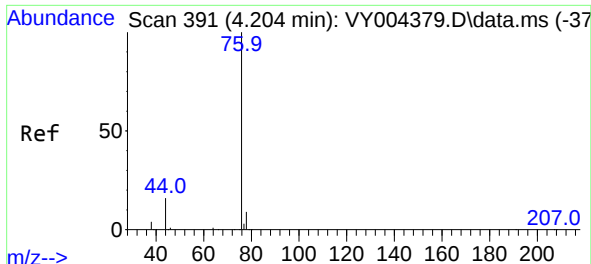
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#16
Acetone
Concen: 221.92 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

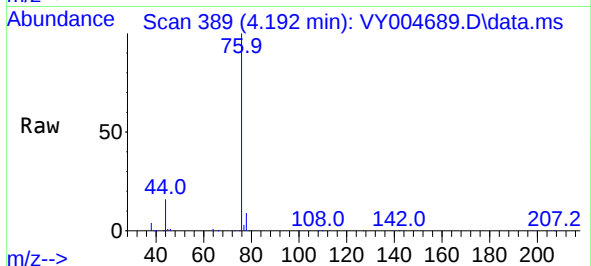
Tgt Ion: 43 Resp: 104713
Ion Ratio Lower Upper
43 100
58 27.2 24.6 37.0





#17
Carbon Disulfide
Concen: 43.38 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

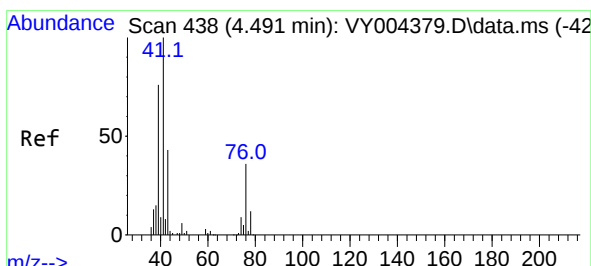
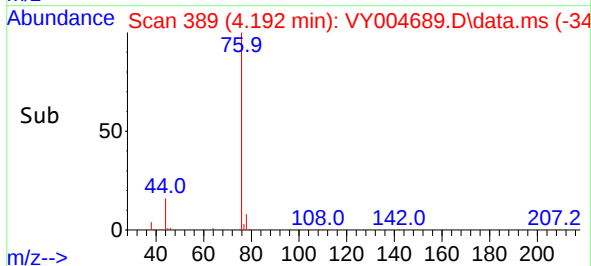
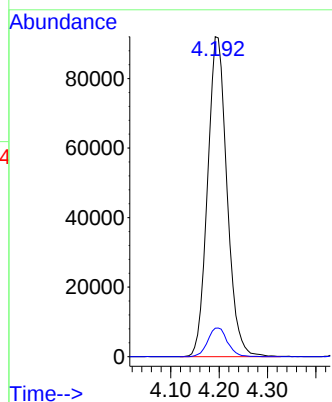
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 256938
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

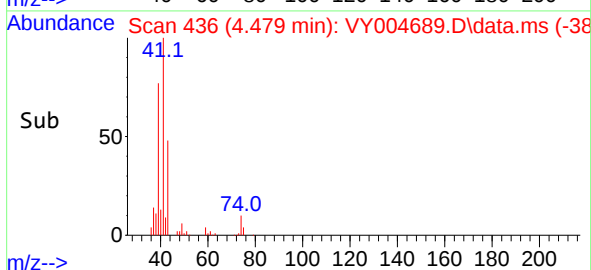
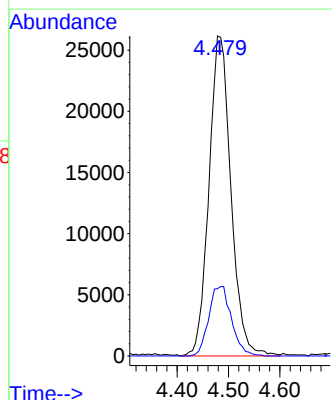
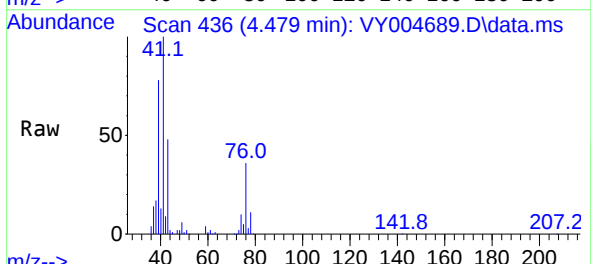
Manual Integrations
APPROVED

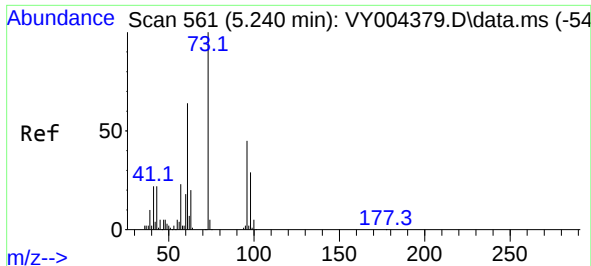
MMDadoda
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#18
Methyl Acetate
Concen: 50.65 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 43 Resp: 77671
Ion Ratio Lower Upper
43 100
74 22.5 17.2 25.8





#19

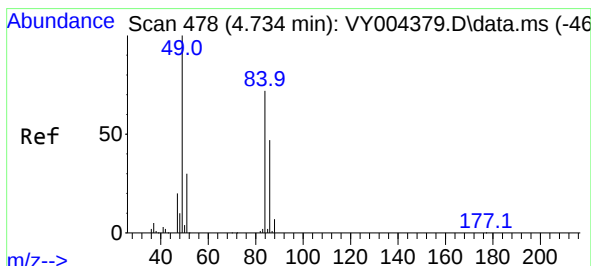
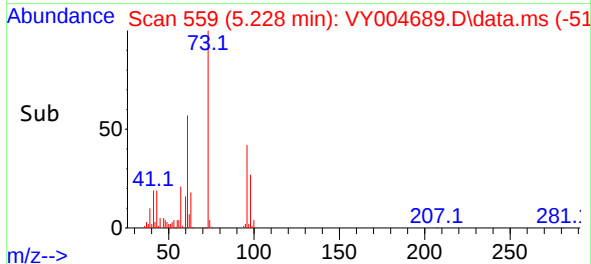
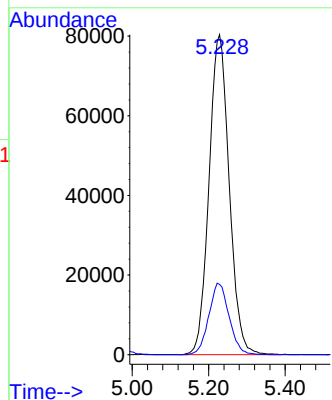
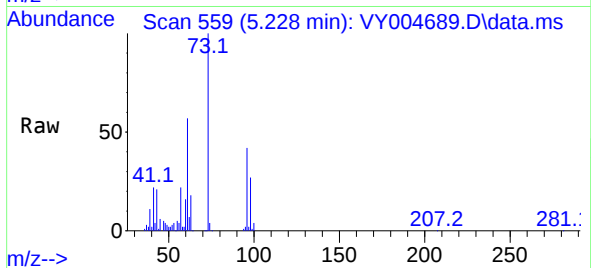
Methyl tert-butyl Ether
Concen: 50.94 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 73 Resp: 294417
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

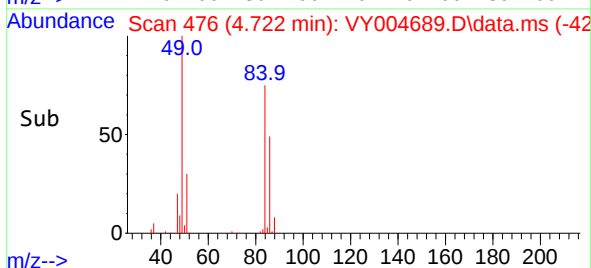
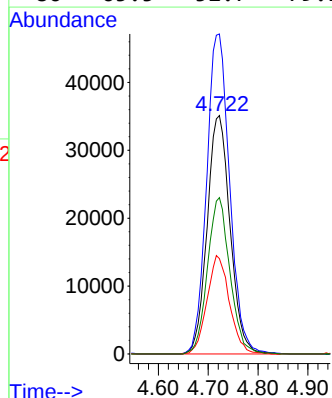
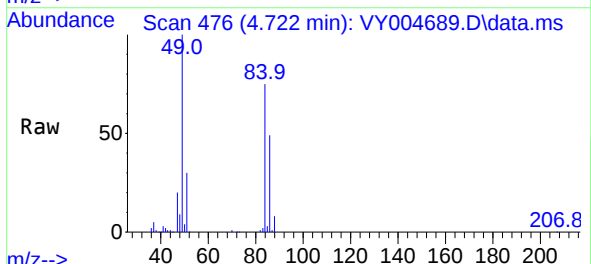
MMDadoda
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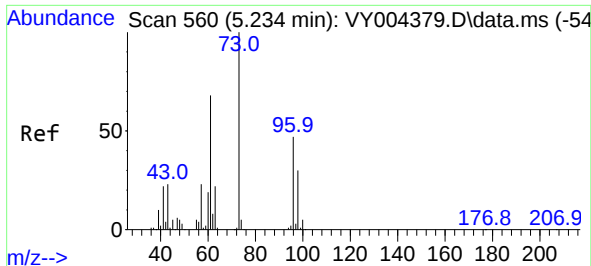


#20

Methylene Chloride
Concen: 52.77 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

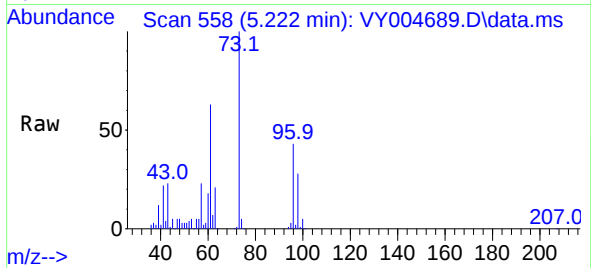
Tgt Ion: 84 Resp: 112206
Ion Ratio Lower Upper
84 100
49 134.2 111.2 166.8
51 40.0 33.4 50.2
86 65.5 52.7 79.1





#21
trans-1,2-Dichloroethene
Concen: 49.81 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

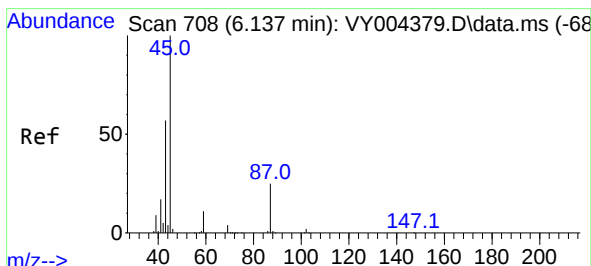
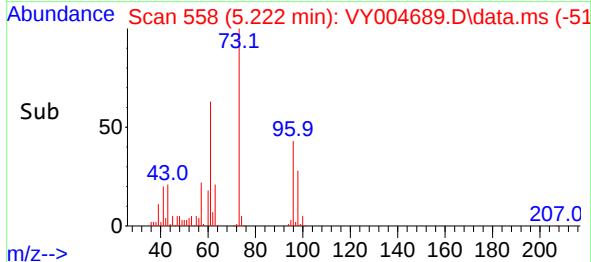
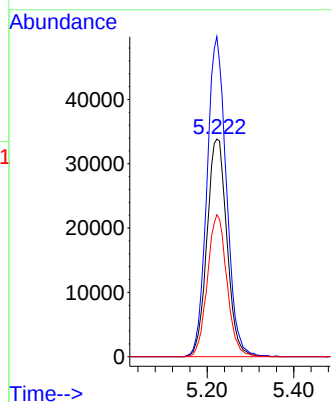
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



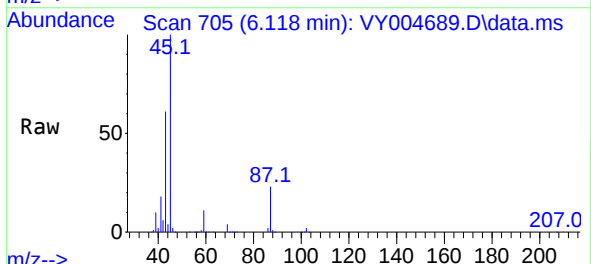
Tgt Ion: 96 Resp: 108415
Ion Ratio Lower Upper
96 100
61 147.0 116.5 174.7
98 65.2 52.0 78.0

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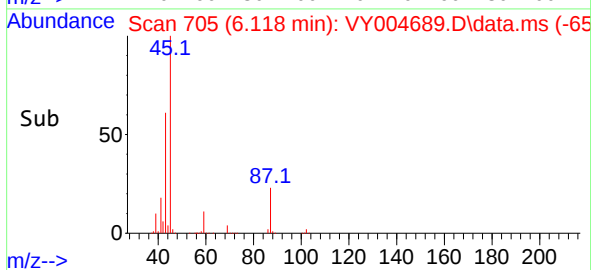
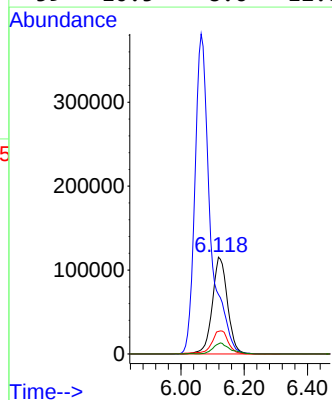
MMDadoda
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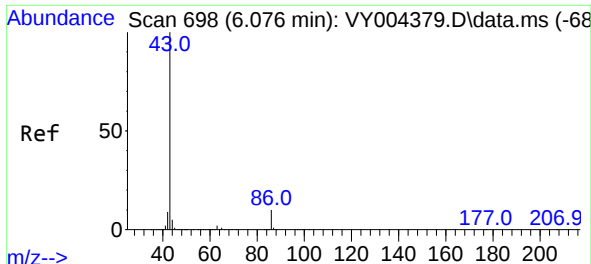


#22
Diisopropyl ether
Concen: 49.51 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.018 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



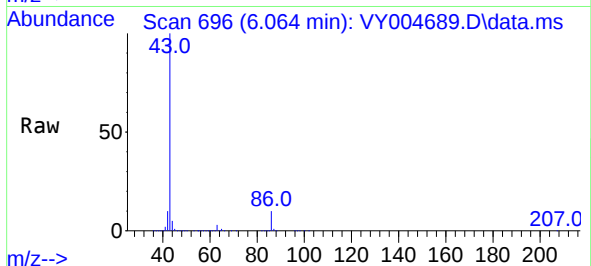
Tgt Ion: 45 Resp: 385025
Ion Ratio Lower Upper
45 100
43 61.4 46.3 69.5
87 23.4 20.3 30.5
59 10.5 8.6 12.8





#23
Vinyl Acetate
Concen: 242.72 ug/l
RT: 6.064 min Scan# 696
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

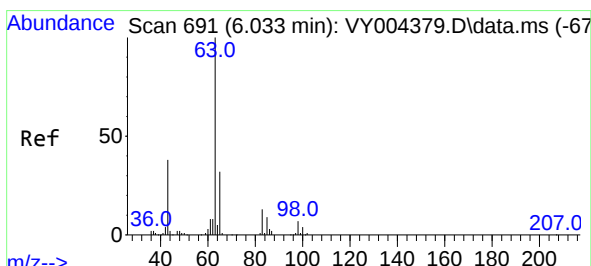
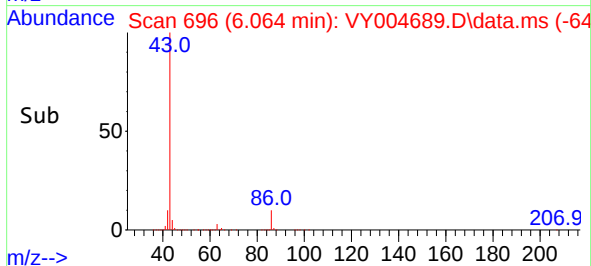
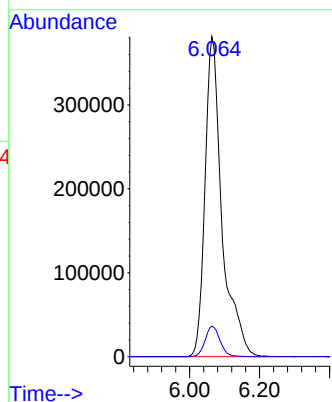
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1284872
Ion Ratio Lower Upper
43 100
86 9.5 7.6 11.4

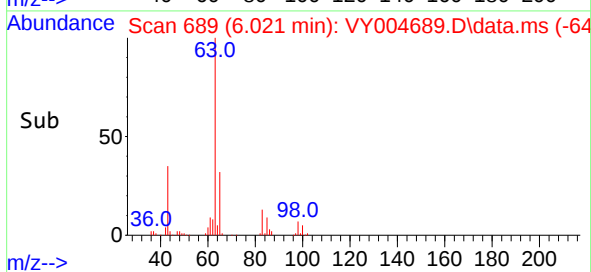
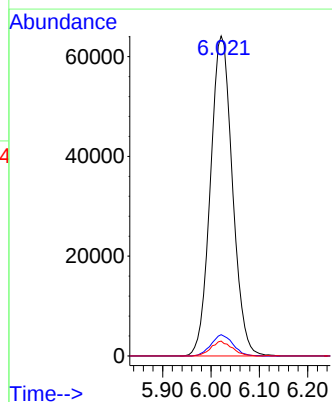
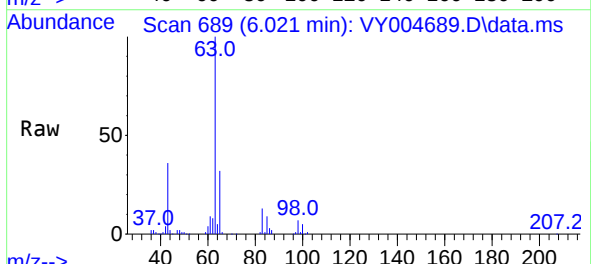
Manual Integrations
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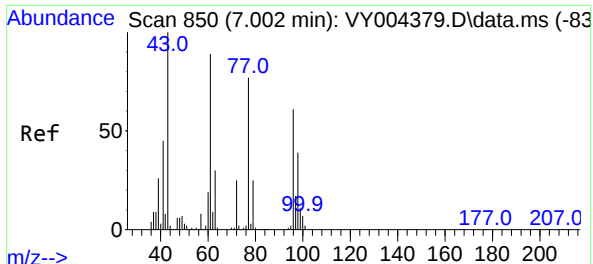
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#24
1,1-Dichloroethane
Concen: 51.14 ug/l
RT: 6.021 min Scan# 689
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

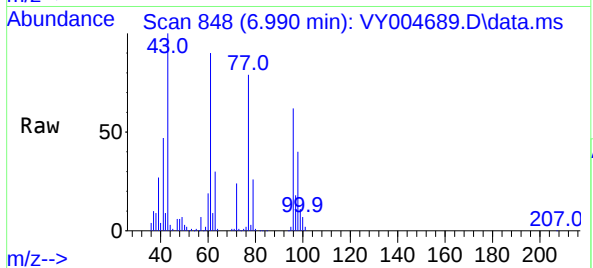
Tgt Ion: 63 Resp: 203153
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.9
100 4.6 2.0 6.0





#25
2-Butanone
Concen: 229.87 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

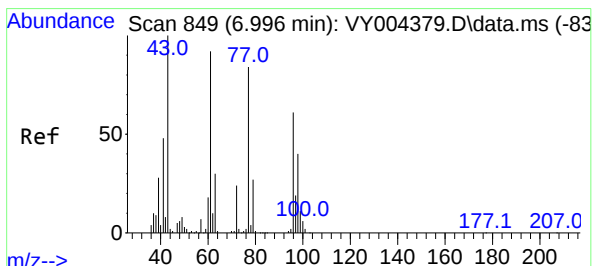
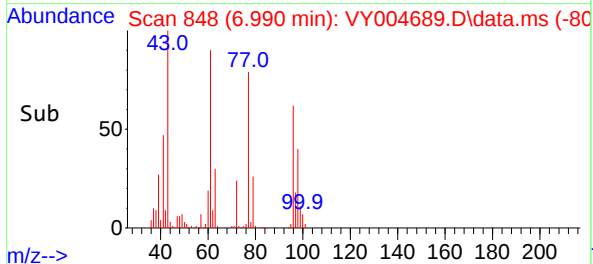
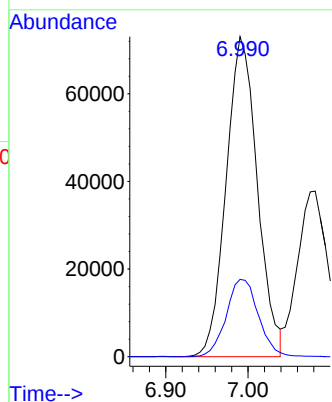
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



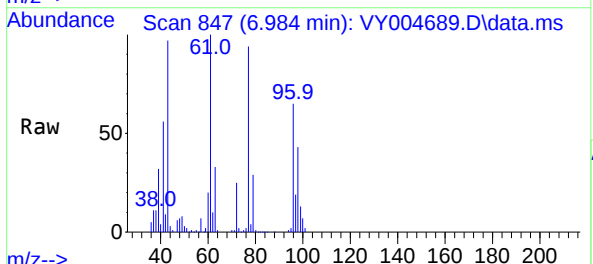
Tgt Ion: 43 Resp: 192789
Ion Ratio Lower Upper
43 100
72 24.2 20.2 30.2

Manual Integrations
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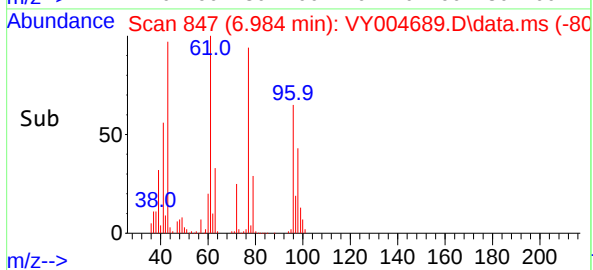
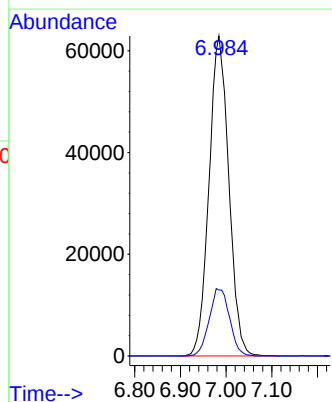
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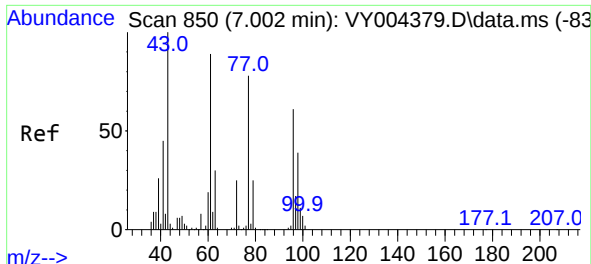


#26
2,2-Dichloropropane
Concen: 53.03 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



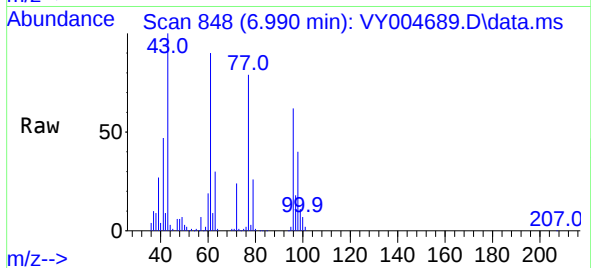
Tgt Ion: 77 Resp: 189040
Ion Ratio Lower Upper
77 100
97 21.6 11.1 33.3





#27
cis-1,2-Dichloroethene
Concen: 50.28 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

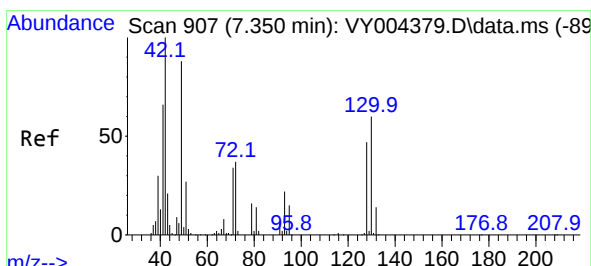
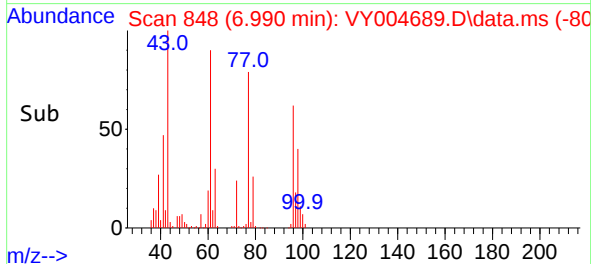
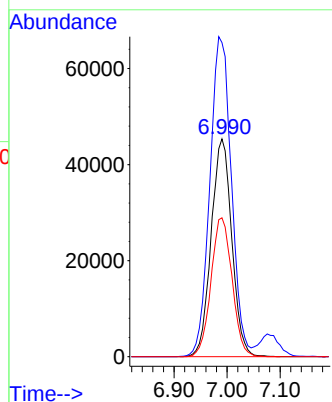
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 122439
Ion Ratio Lower Upper
96 100
61 153.4 0.0 303.2
98 65.1 0.0 130.0

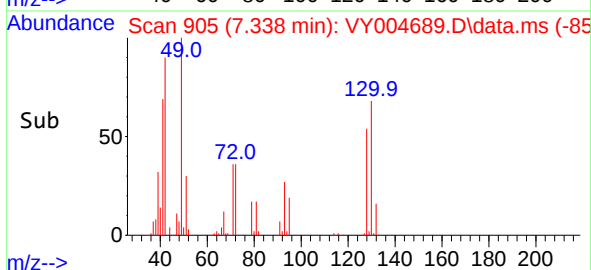
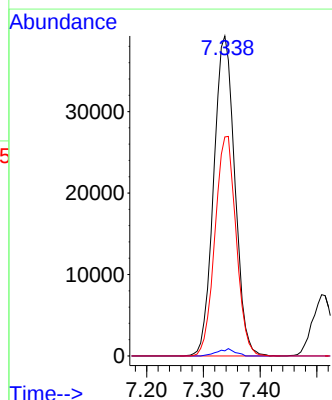
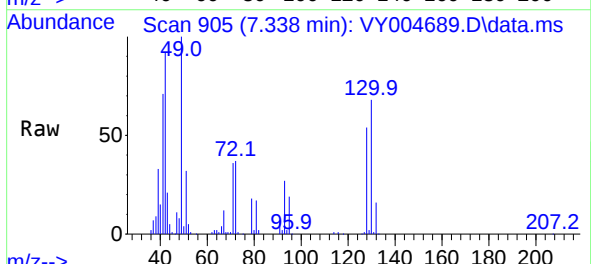
Manual Integrations
APPROVED

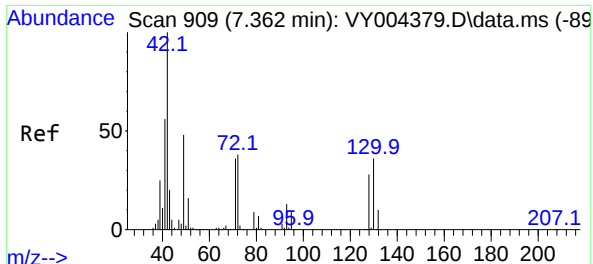
MMDadoda
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#28
Bromochloromethane
Concen: 56.19 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 49 Resp: 101453
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 68.7 53.9 80.9





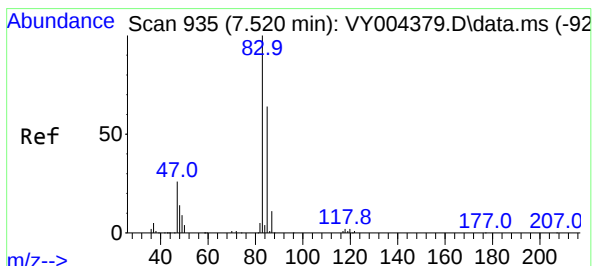
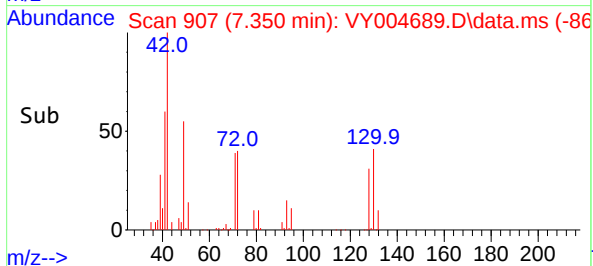
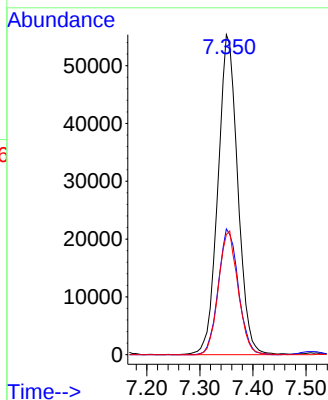
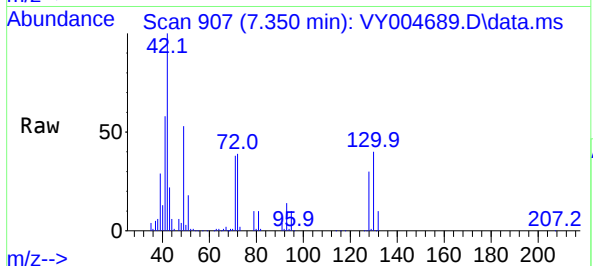
#29
Tetrahydrofuran
Concen: 239.92 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:	42	Resp:	143761
Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.0	46.4
71	38.1	28.8	43.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

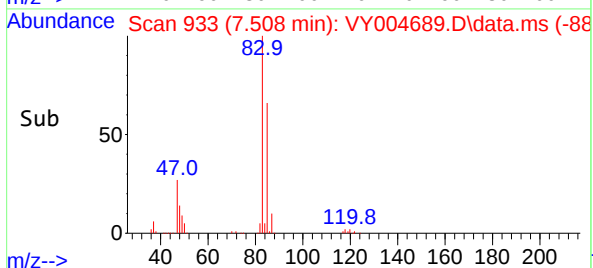
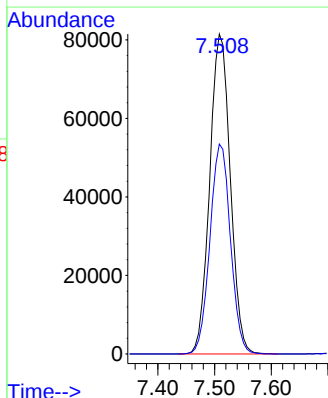
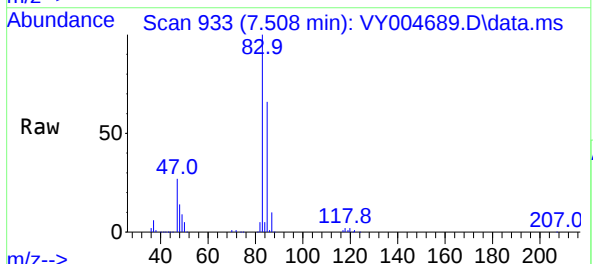
Manual Integrations
APPROVED

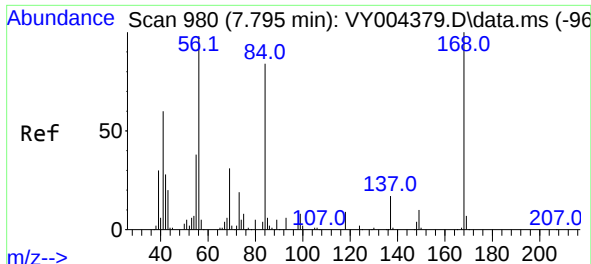
MMDadoda
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#30
Chloroform
Concen: 52.53 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

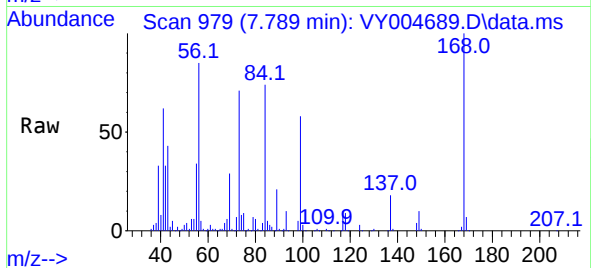
Tgt Ion:	83	Resp:	205060
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.3	76.9





#31
Cyclohexane
Concen: 45.62 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

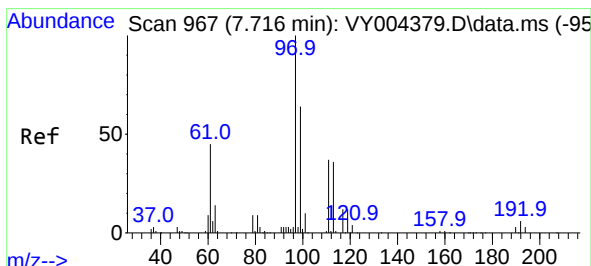
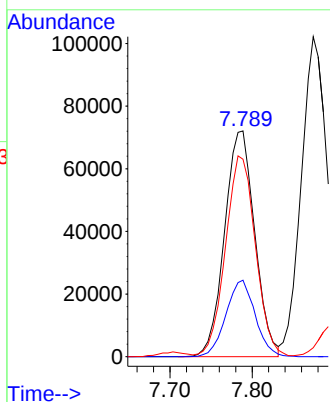
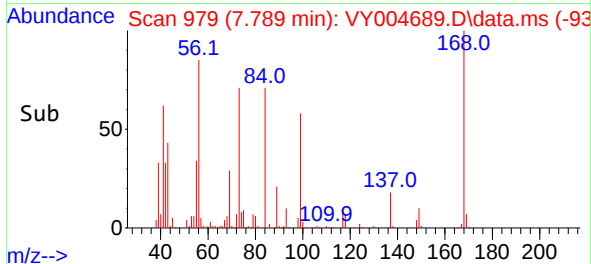
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



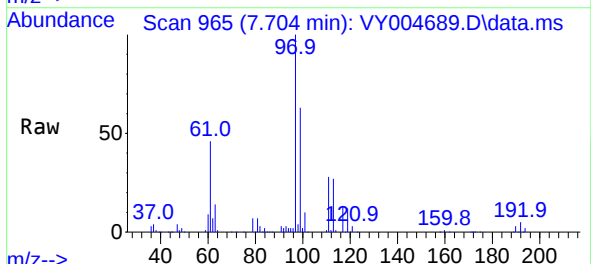
Tgt Ion: 56 Resp: 184123
Ion Ratio Lower Upper
56 100
69 33.8 25.8 38.6
84 85.6 68.2 102.4

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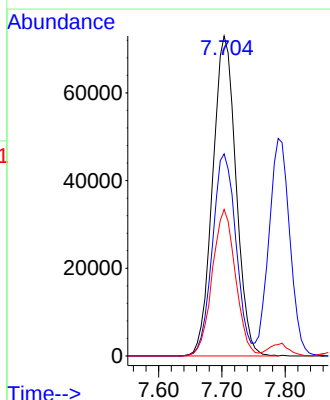
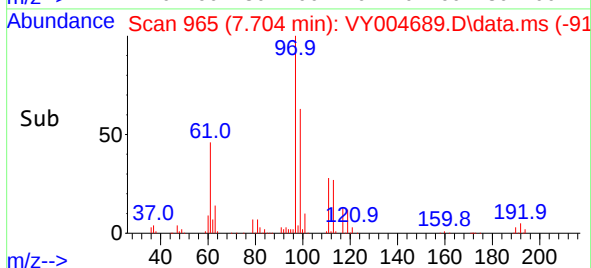
MMDadoda
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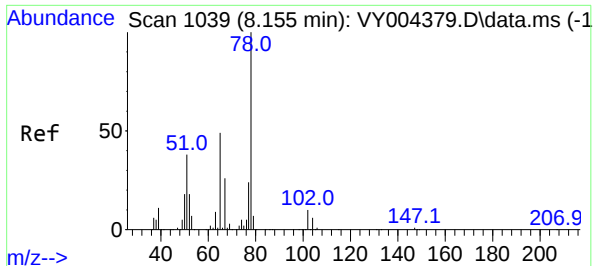


#32
1,1,1-Trichloroethane
Concen: 52.78 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



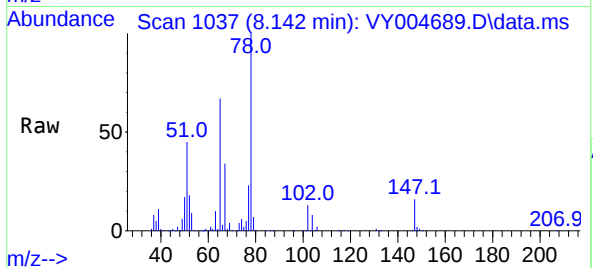
Tgt Ion: 97 Resp: 186928
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 45.6 36.2 54.2





#33
1,2-Dichloroethane-d4
Concen: 53.70 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

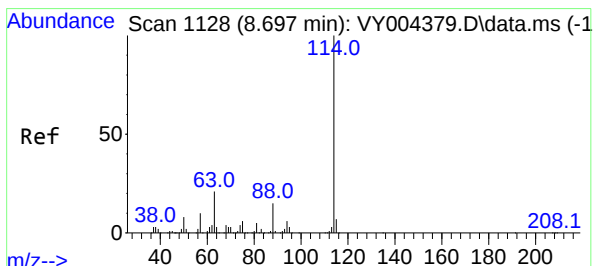
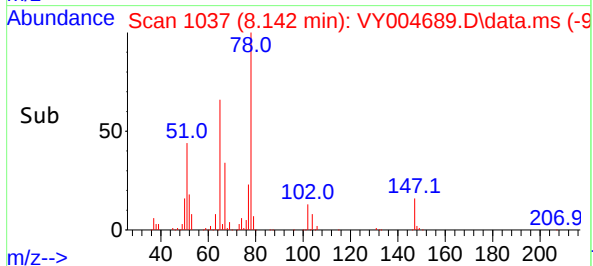
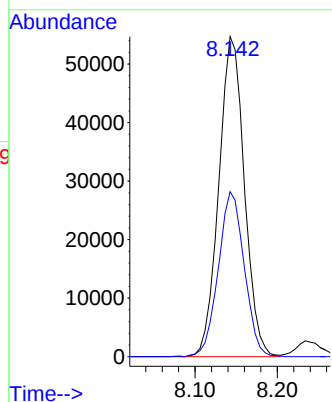
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 118222
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4

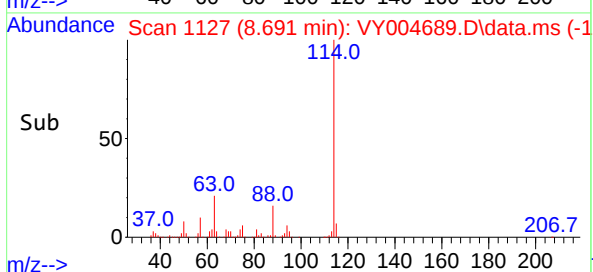
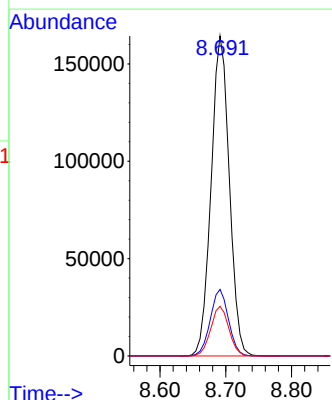
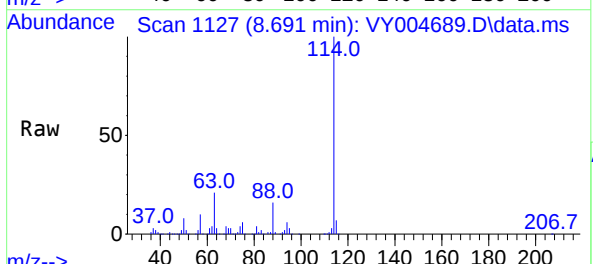
Manual Integrations
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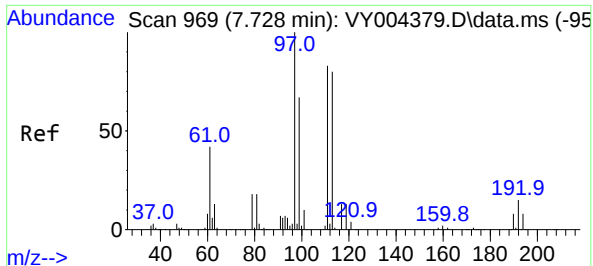
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 114 Resp: 316156
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.5 0.0 30.8





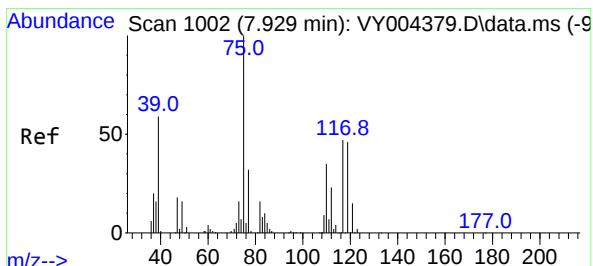
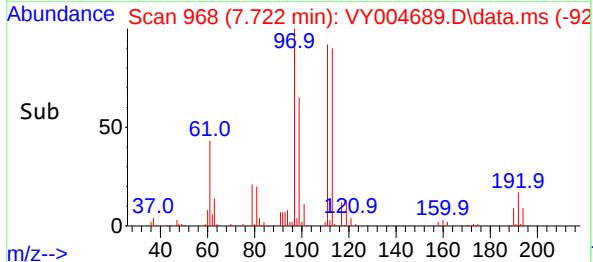
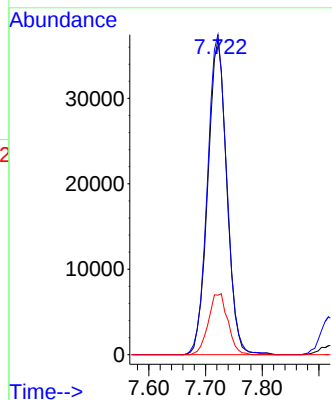
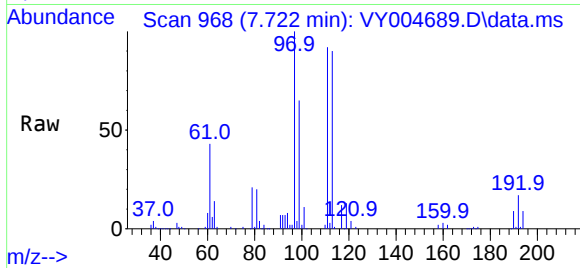
#35
Dibromofluoromethane
Concen: 48.97 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 113 Resp: 85920
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.8 16.1 24.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

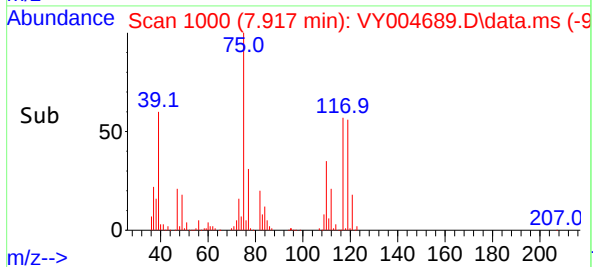
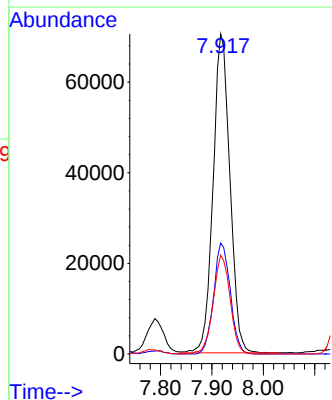
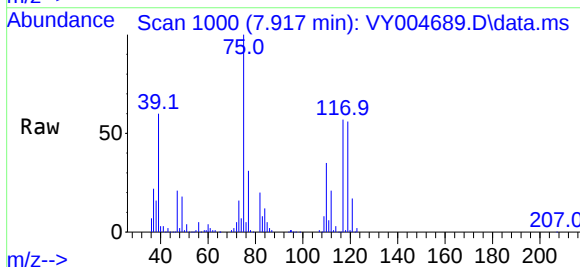
Manual Integrations
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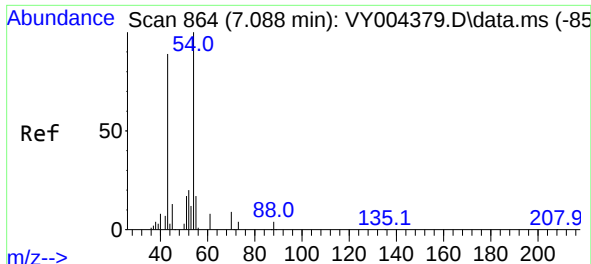
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#36
1,1-Dichloropropene
Concen: 51.00 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

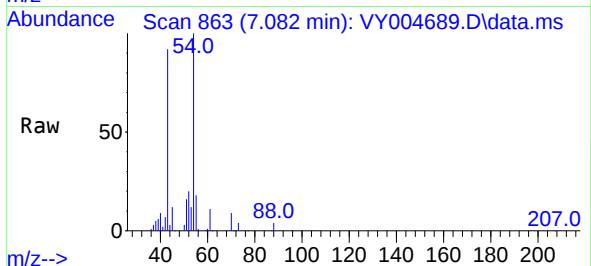
Tgt Ion: 75 Resp: 160230
Ion Ratio Lower Upper
75 100
110 34.3 17.3 51.7
77 31.0 24.3 36.5





#37
Ethyl Acetate
Concen: 49.45 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

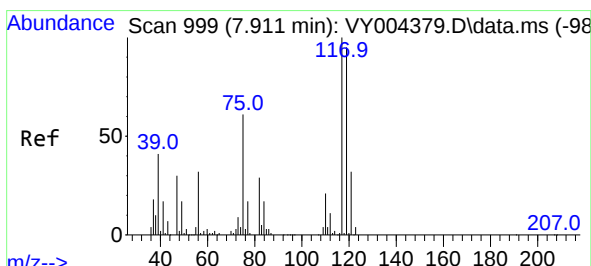
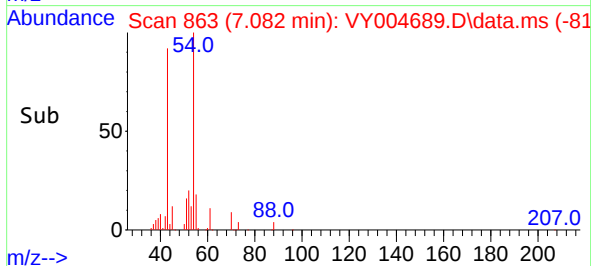
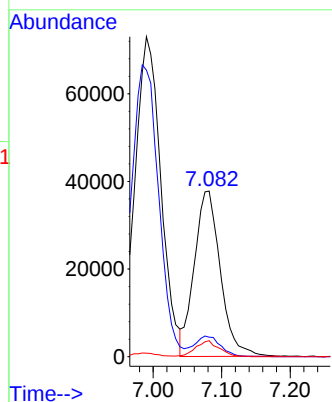
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 100042
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 8.7 7.5 11.3

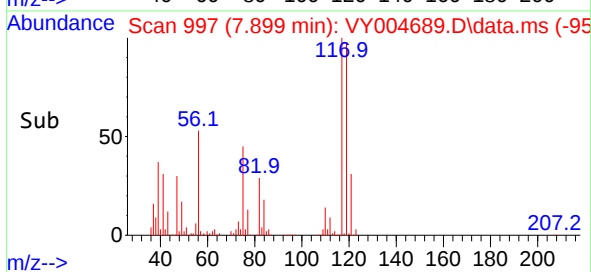
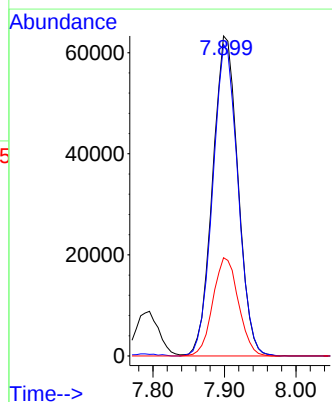
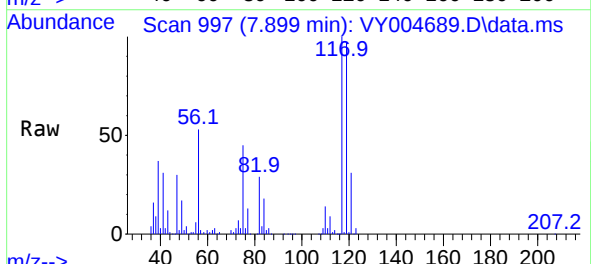
Manual Integrations
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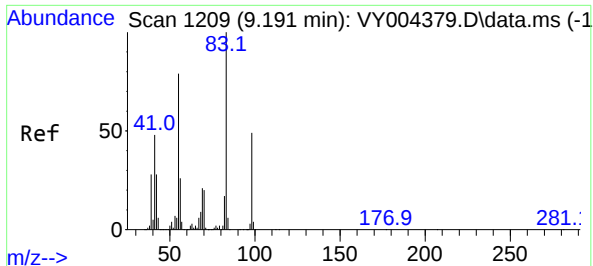
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#38
Carbon Tetrachloride
Concen: 57.51 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 117 Resp: 156175
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
121 30.7 25.3 37.9





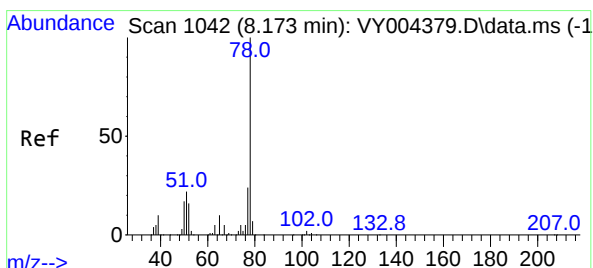
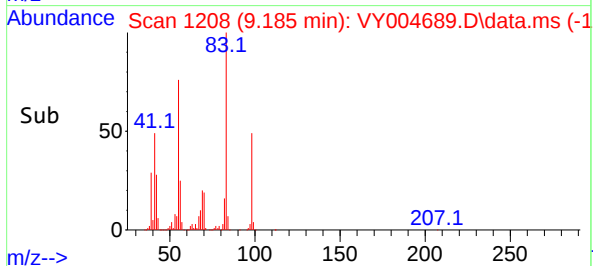
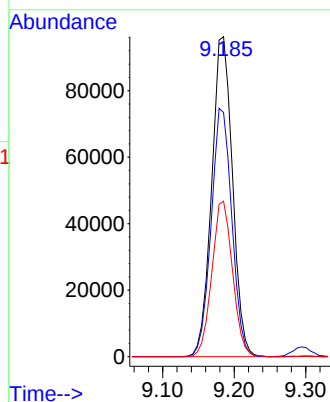
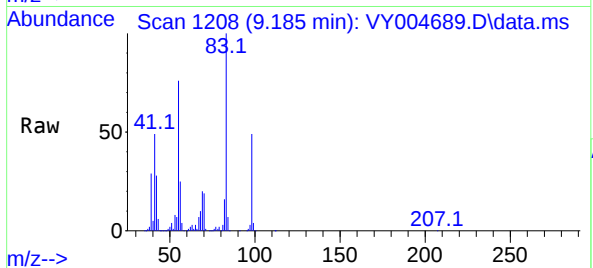
#39
Methylcyclohexane
Concen: 50.26 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 83 Resp: 194392
Ion Ratio Lower Upper
83 100
55 76.3 63.0 94.4
98 48.6 39.2 58.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

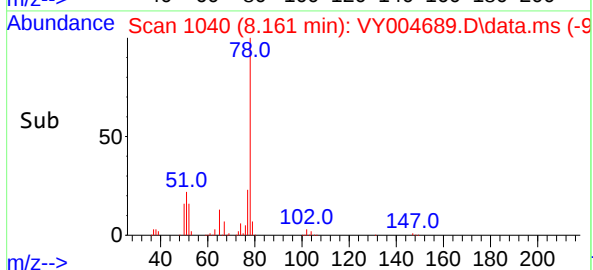
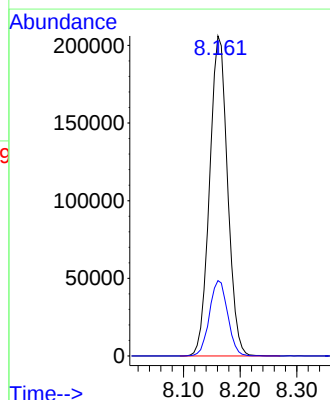
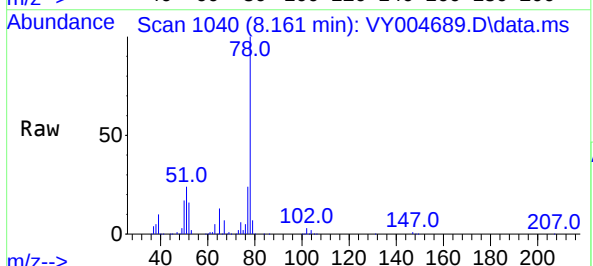
Manual Integrations
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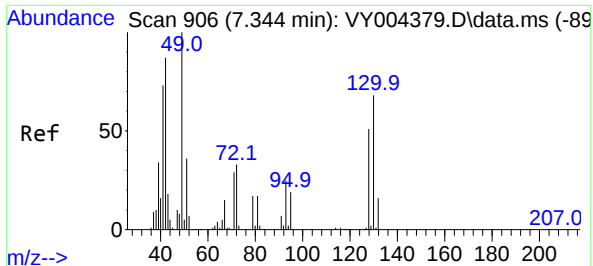
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#40
Benzene
Concen: 51.35 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

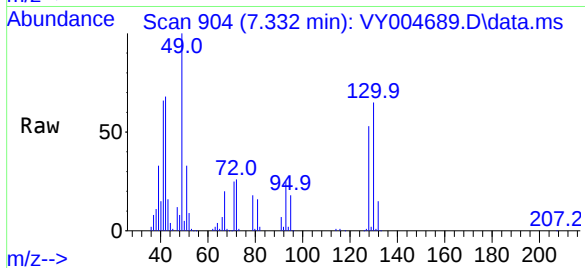
Tgt Ion: 78 Resp: 453358
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 51.18 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

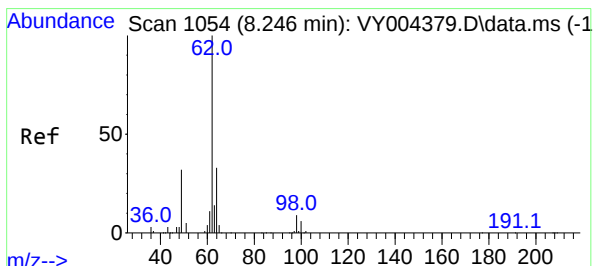
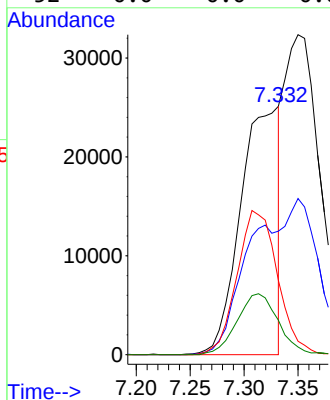
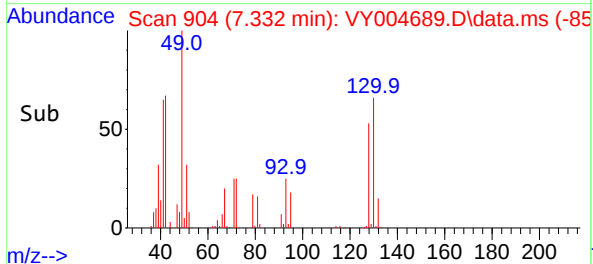
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



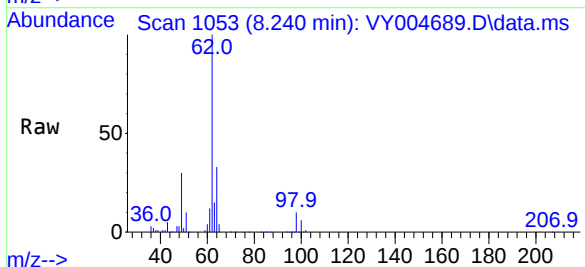
Tgt Ion: 41 Resp: 62743
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
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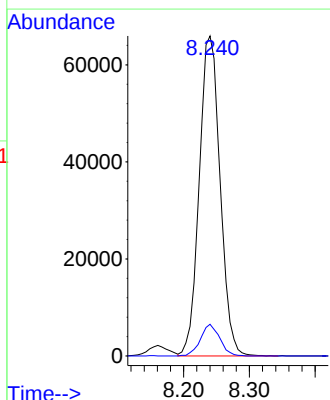
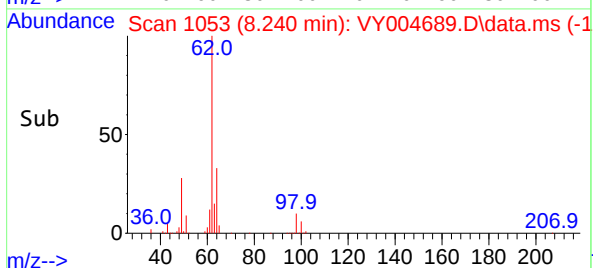
MMDadoda
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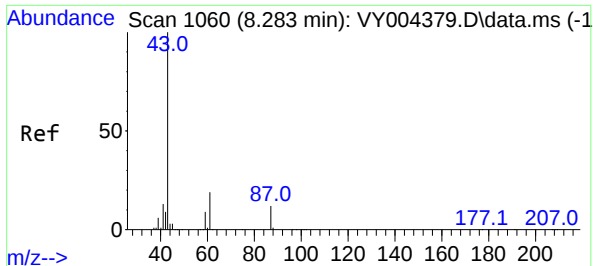


#42
1,2-Dichloroethane
Concen: 52.52 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

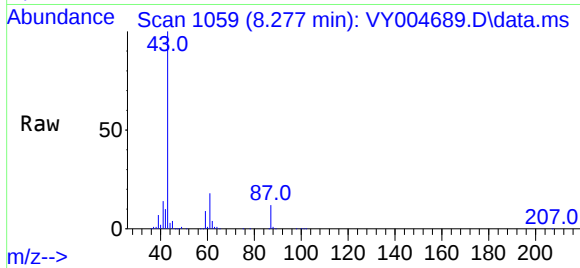


Tgt Ion: 62 Resp: 145465
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2



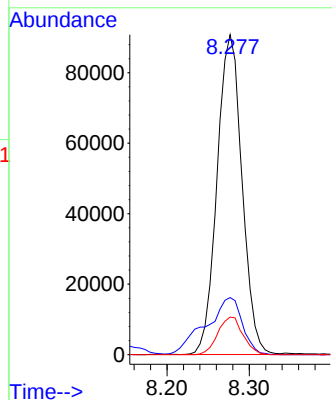


#43
Isopropyl Acetate
Concen: 49.86 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



Tgt Ion: 43 Resp: 191219

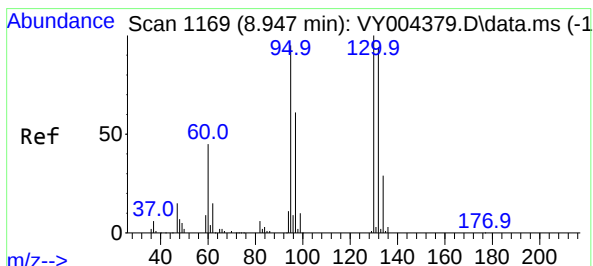
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.9	31.3
87	11.8	9.1	13.7



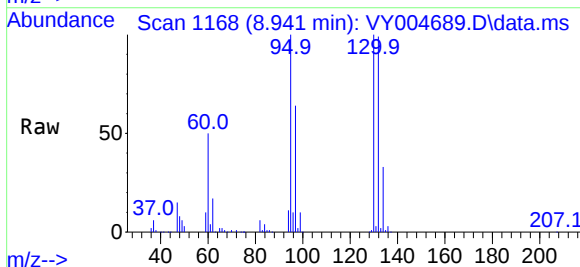
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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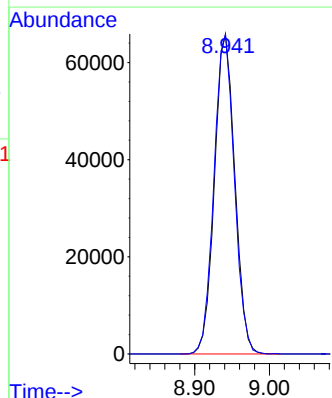
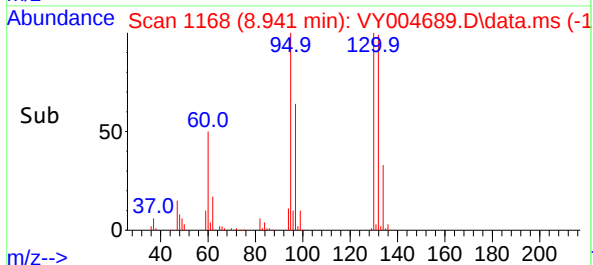


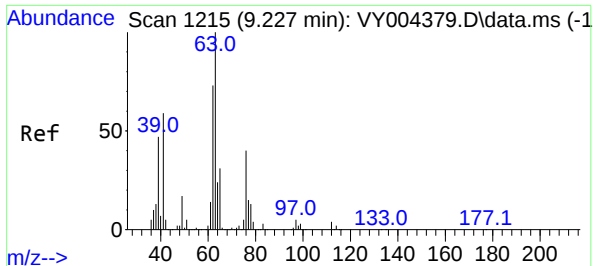
#44
Trichloroethene
Concen: 51.63 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



Tgt Ion: 130 Resp: 124287

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	190.4





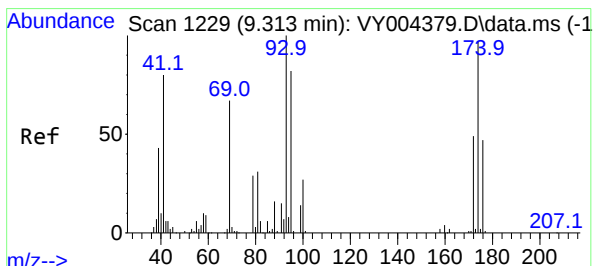
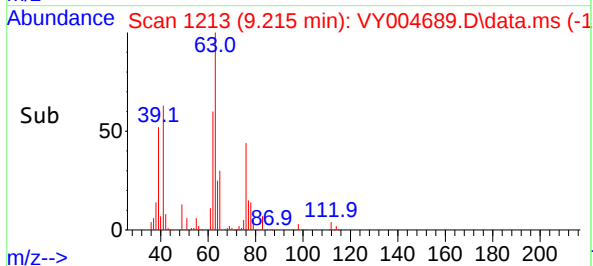
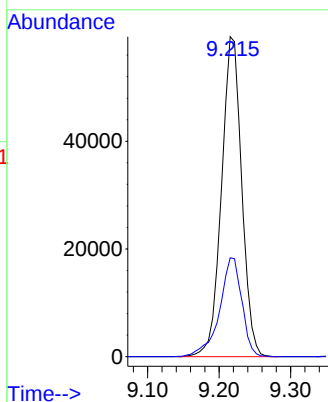
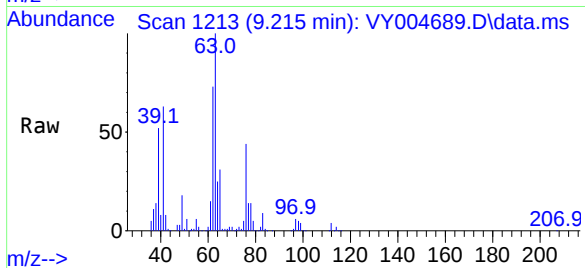
#45
1,2-Dichloropropane
Concen: 51.19 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.012 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 63 Resp: 116647
Ion Ratio Lower Upper
63 100
65 30.9 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

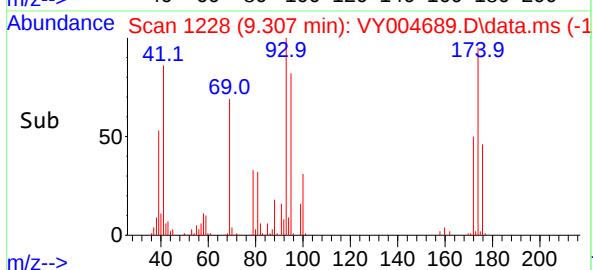
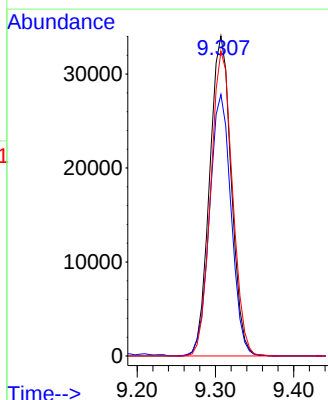
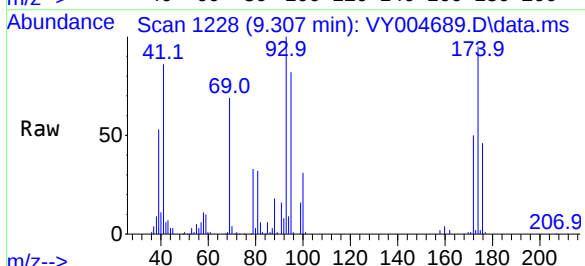
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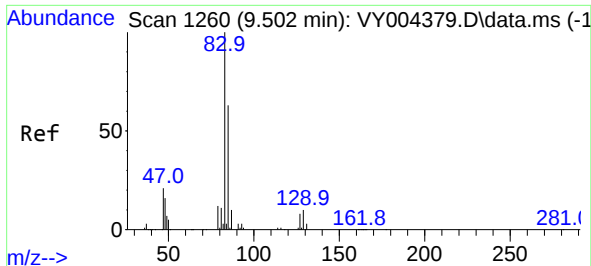
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#46
Dibromomethane
Concen: 52.56 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 93 Resp: 65197
Ion Ratio Lower Upper
93 100
95 81.7 65.8 98.8
174 95.7 77.8 116.6





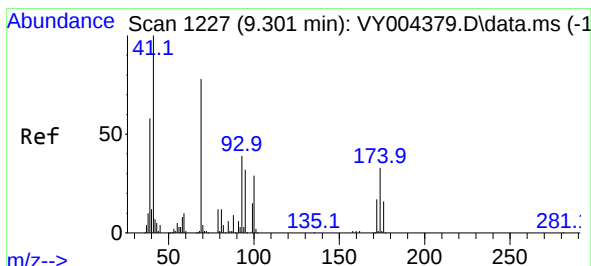
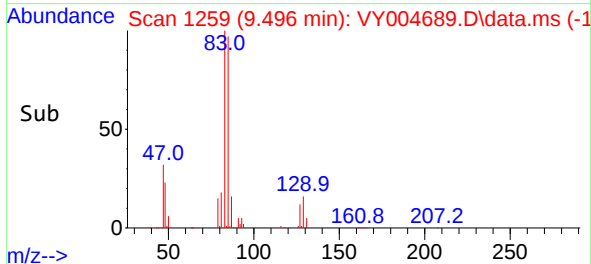
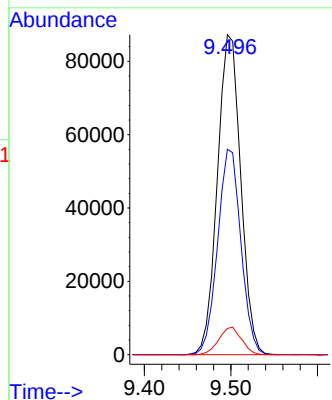
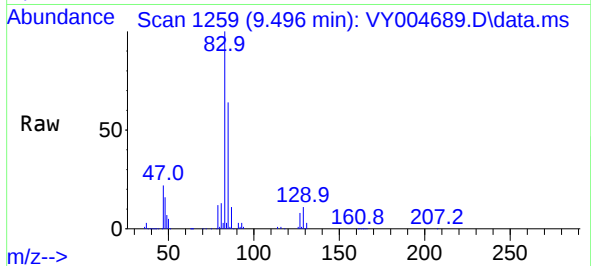
#47
Bromodichloromethane
Concen: 54.46 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 83 Resp: 163559
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1
127 8.2 6.6 10.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

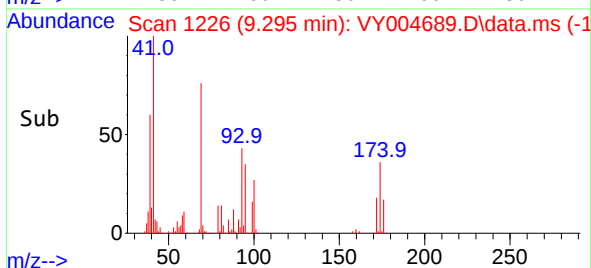
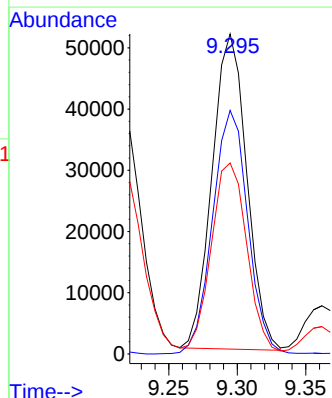
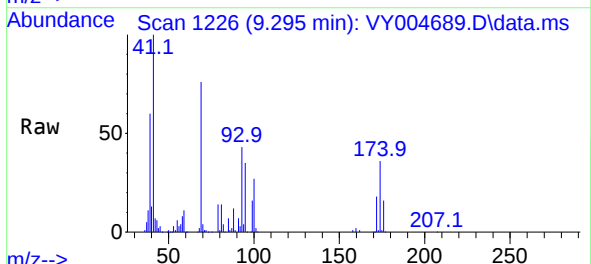
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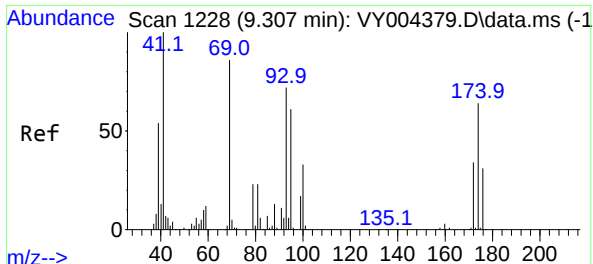
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#48
Methyl methacrylate
Concen: 51.23 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 41 Resp: 90479
Ion Ratio Lower Upper
41 100
69 78.9 62.6 94.0
39 63.0 47.2 70.8





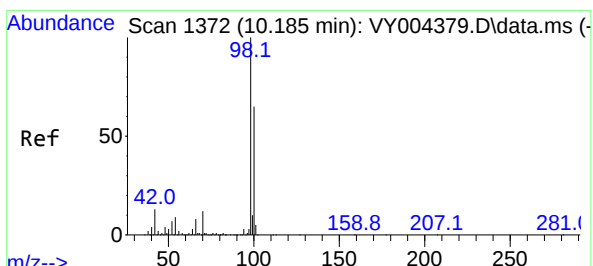
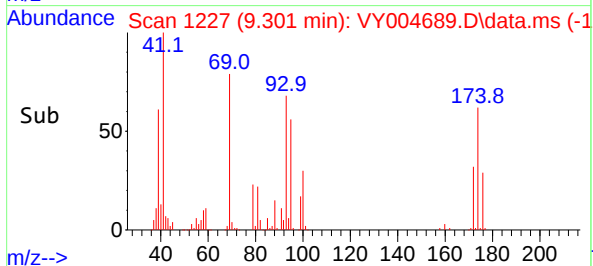
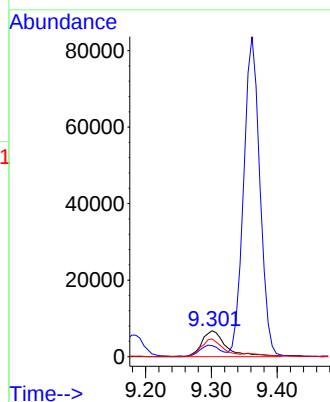
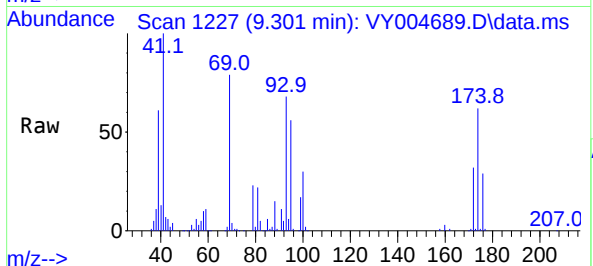
#49
1,4-Dioxane
Concen: 1085.64 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:	88	Resp:	17589
Ion	Ratio	Lower	Upper
88	100		
43	37.2	31.7	47.5
58	60.7	55.7	83.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

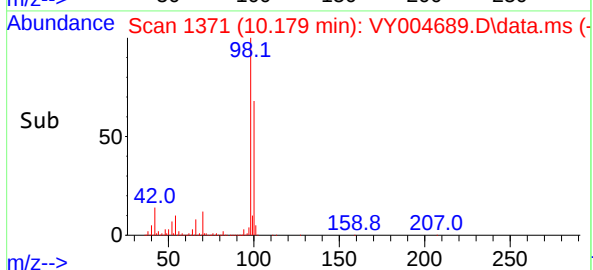
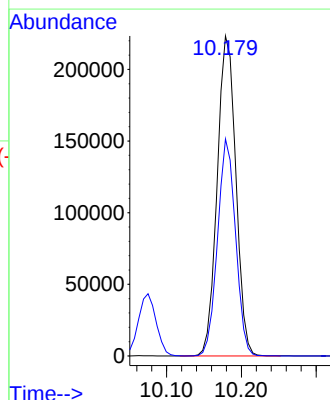
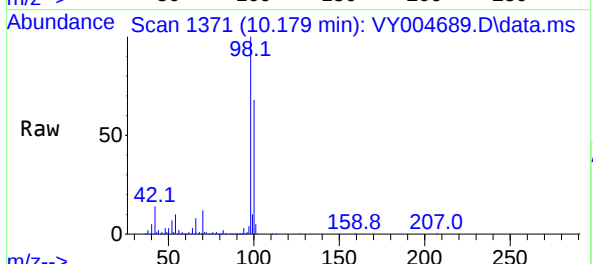
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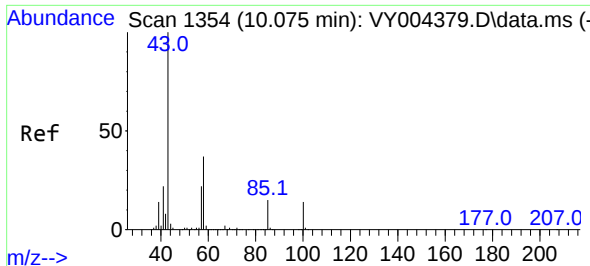
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#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

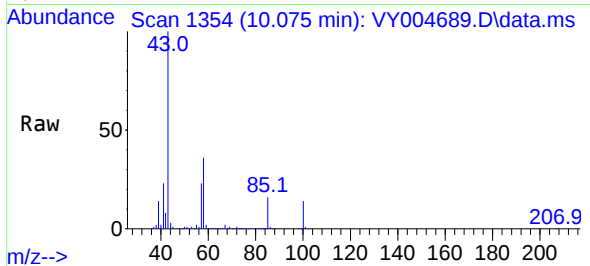
Tgt Ion:	98	Resp:	387399
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 261.66 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

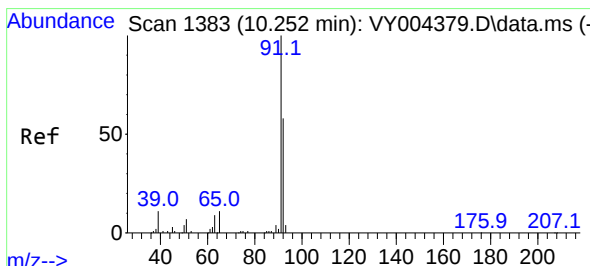
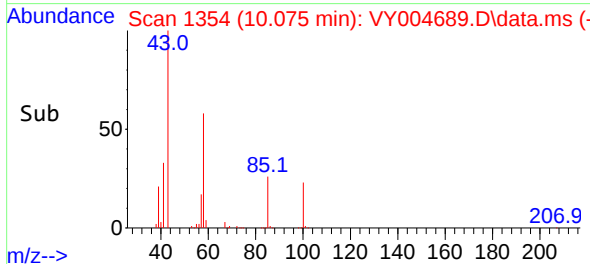
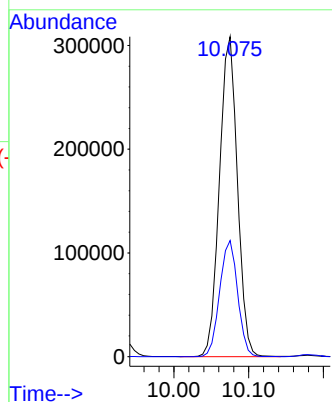
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 515470
Ion Ratio Lower Upper
43 100
58 36.3 29.2 43.8

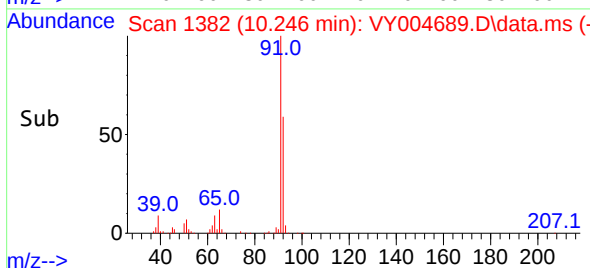
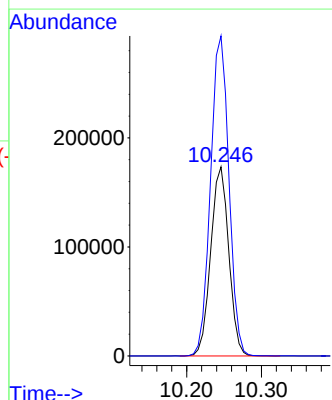
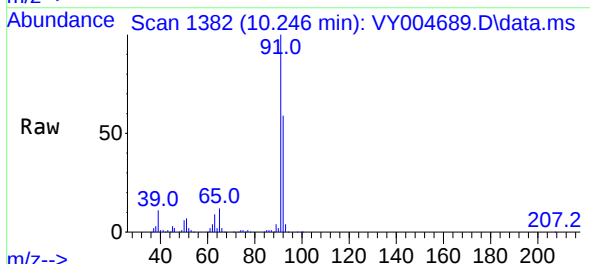
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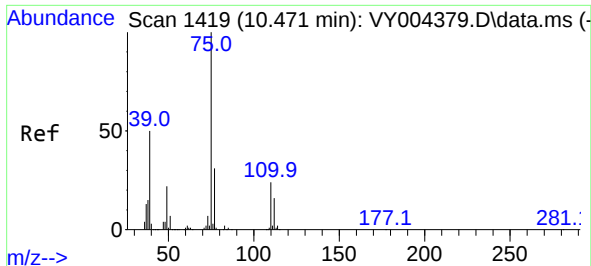
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#52
Toluene
Concen: 51.06 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 92 Resp: 291683
Ion Ratio Lower Upper
92 100
91 171.8 137.8 206.6





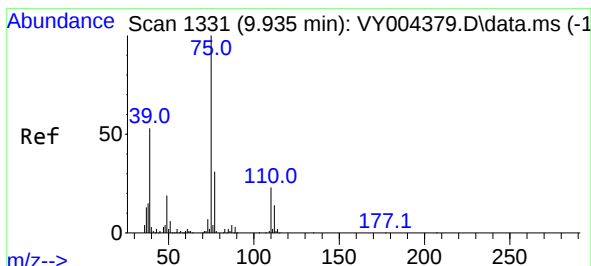
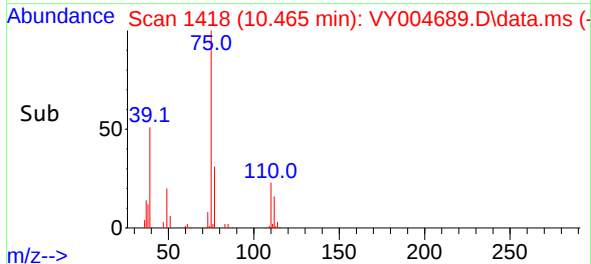
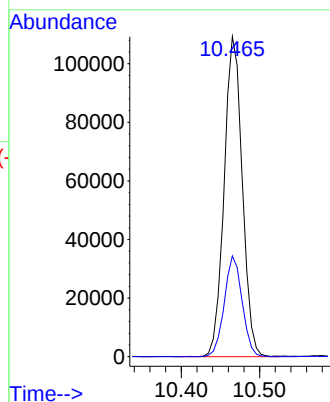
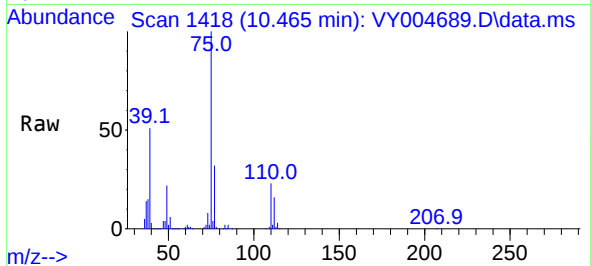
#53
t-1,3-Dichloropropene
Concen: 53.13 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 75 Resp: 175995
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

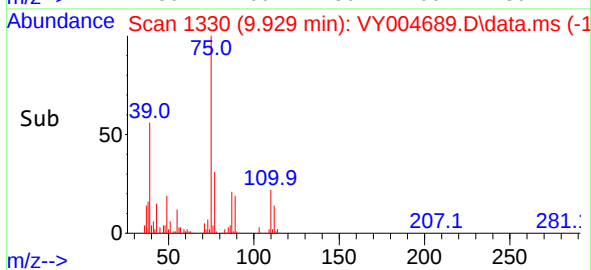
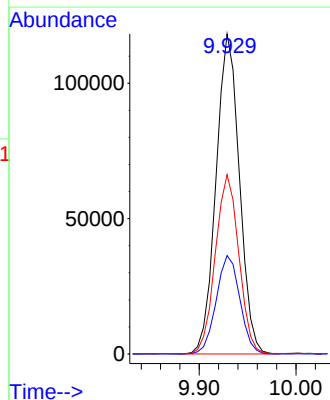
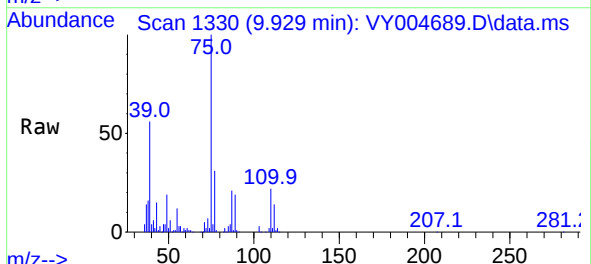
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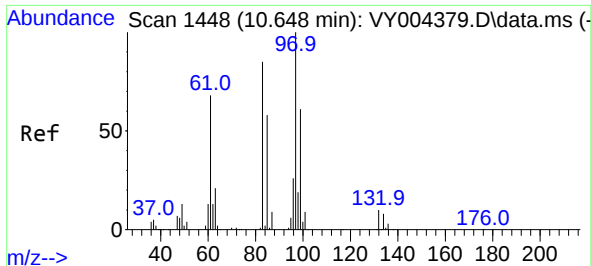
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#54
cis-1,3-Dichloropropene
Concen: 52.73 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

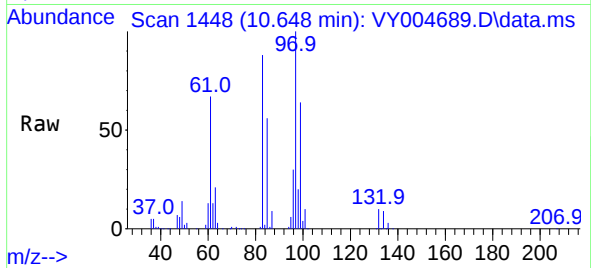
Tgt Ion: 75 Resp: 198386
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
39 55.9 42.1 63.1





#55
1,1,2-Trichloroethane
Concen: 53.01 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

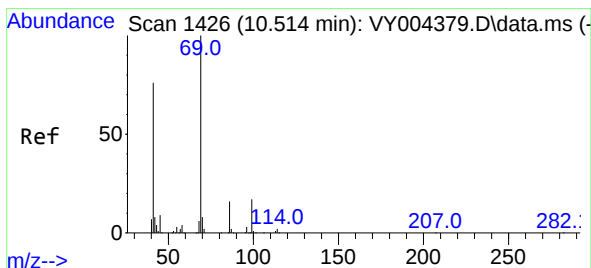
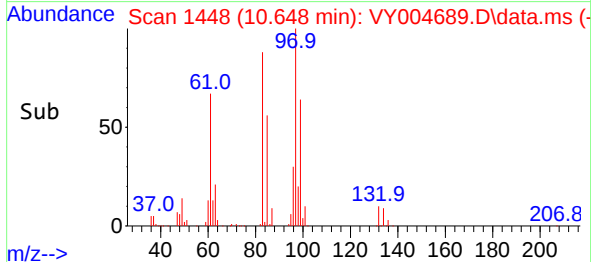
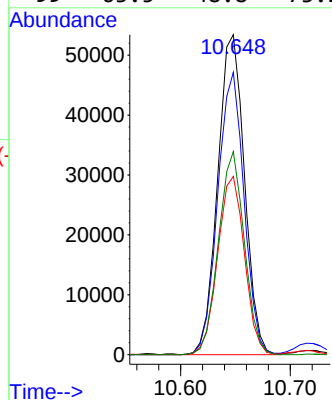
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



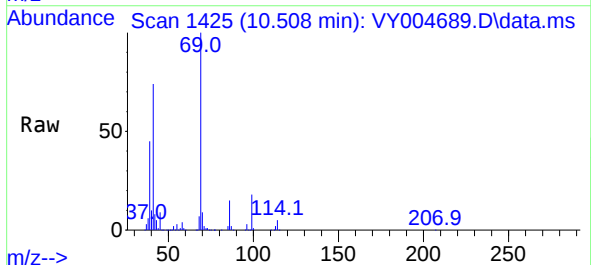
Tgt Ion:	97	Resp:	90613
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.4	102.6
85	55.7	46.2	69.4
99	63.5	48.8	73.2

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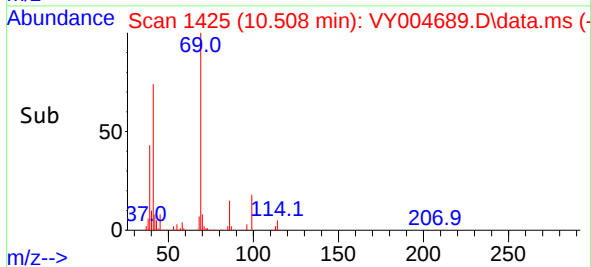
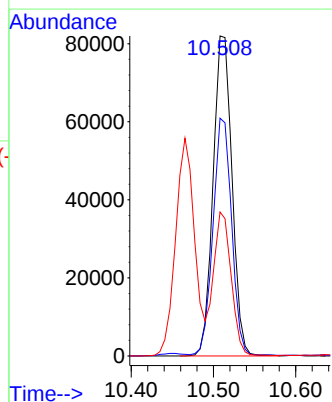
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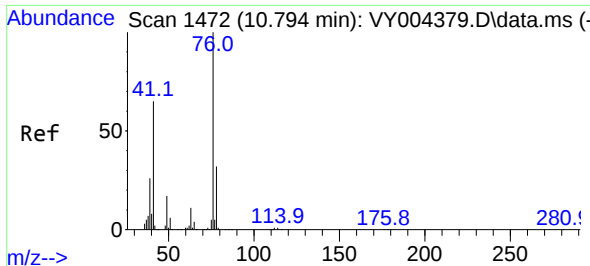


#56
Ethyl methacrylate
Concen: 52.88 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



Tgt Ion:	69	Resp:	131072
Ion	Ratio	Lower	Upper
69	100		
41	73.0	59.2	88.8
39	42.0	31.0	46.6





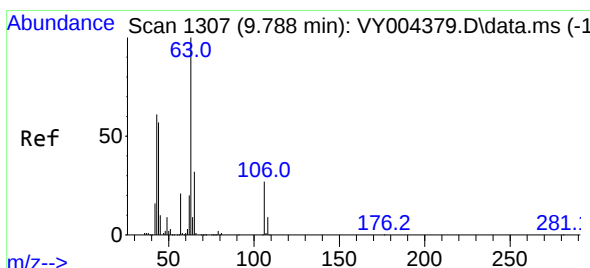
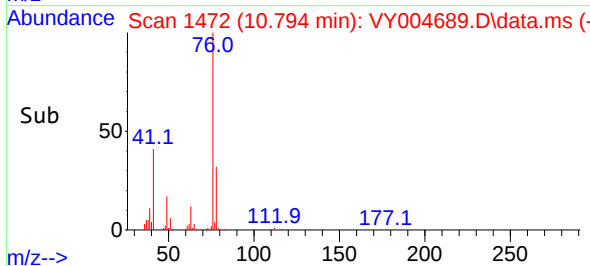
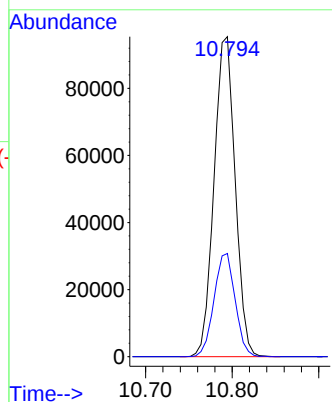
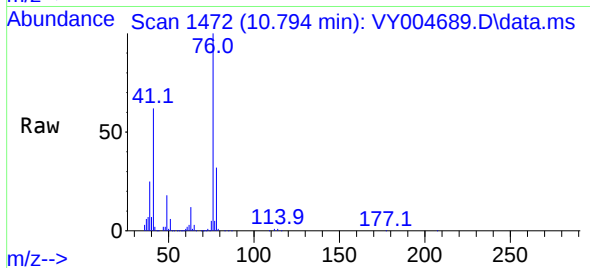
#57
1,3-Dichloropropane
Concen: 52.92 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 76 Resp: 161435
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

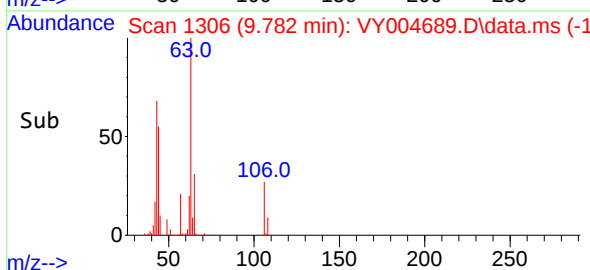
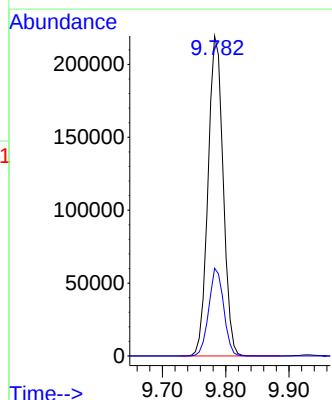
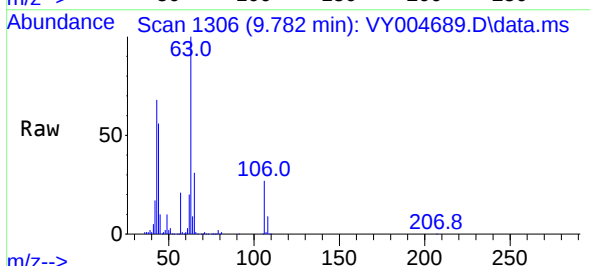
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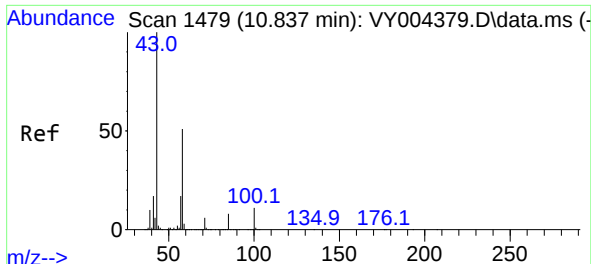
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#58
2-Chloroethyl Vinyl ether
Concen: 287.09 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 63 Resp: 364105
Ion Ratio Lower Upper
63 100
106 27.0 21.7 32.5





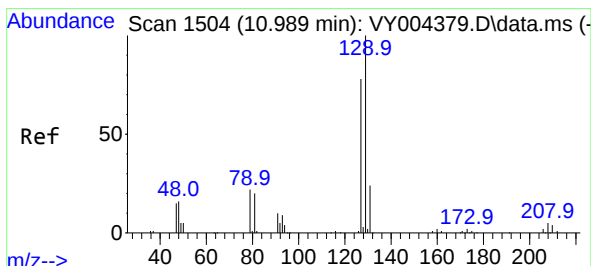
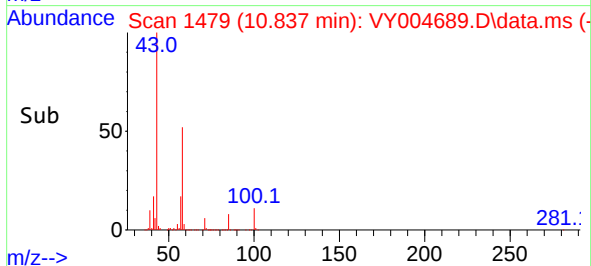
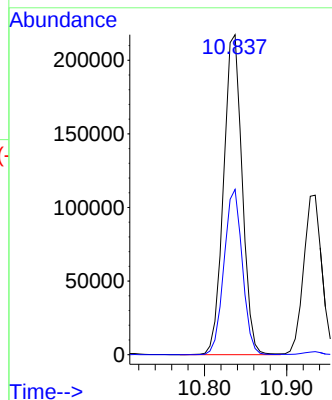
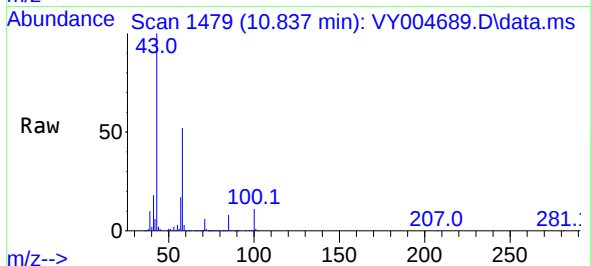
#59
2-Hexanone
Concen: 259.28 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 43 Resp: 342410
Ion Ratio Lower Upper
43 100
58 50.9 25.4 76.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

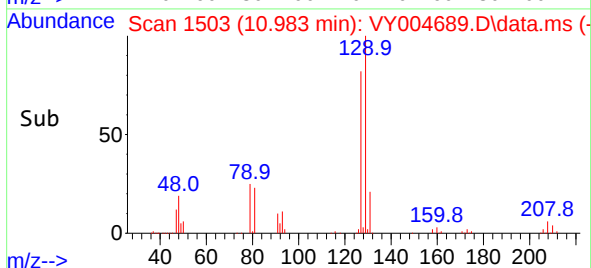
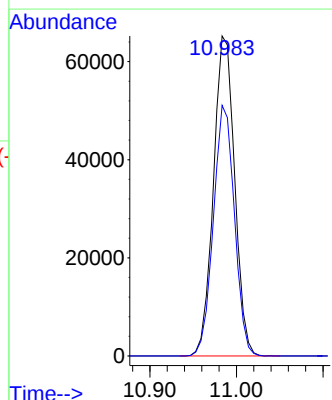
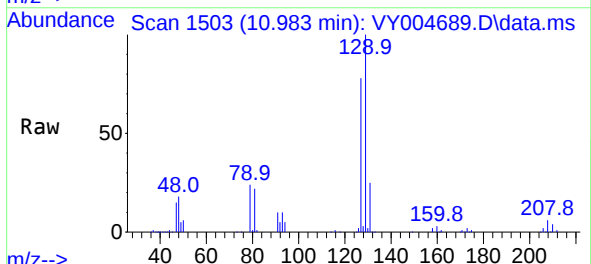
Manual Integrations
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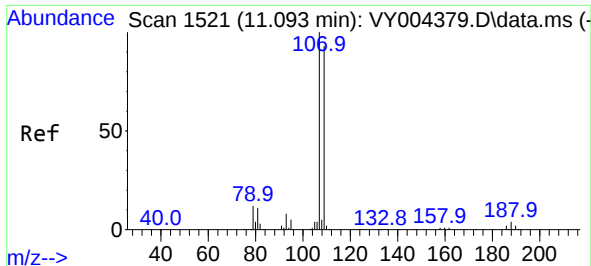
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#60
Dibromochloromethane
Concen: 54.54 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

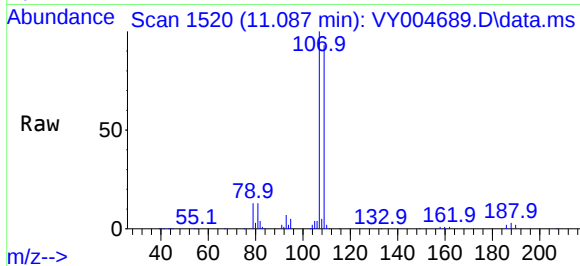
Tgt Ion: 129 Resp: 110798
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7





#61
1,2-Dibromoethane
Concen: 52.47 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

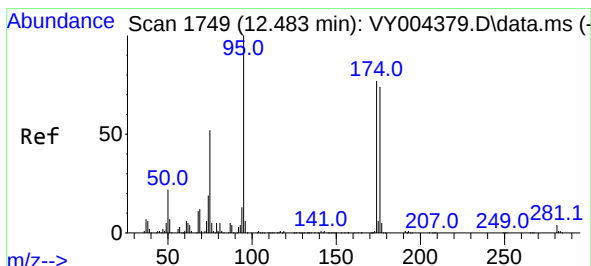
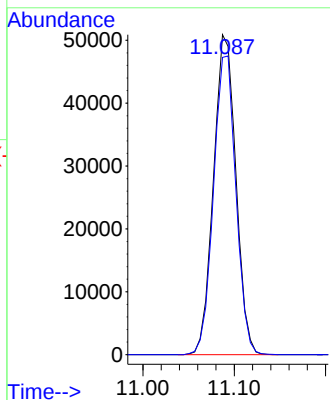
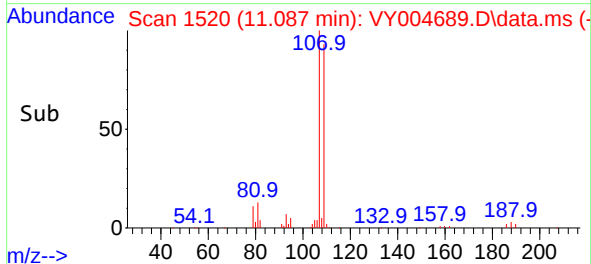
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



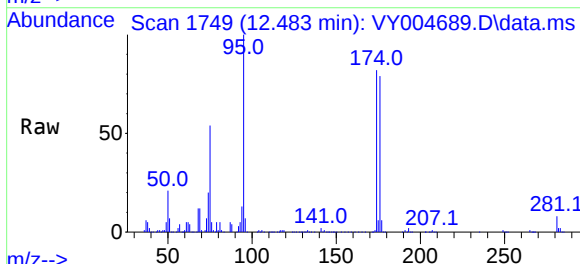
Tgt Ion:107 Resp: 86478
Ion Ratio Lower Upper
107 100
109 93.6 75.5 113.3

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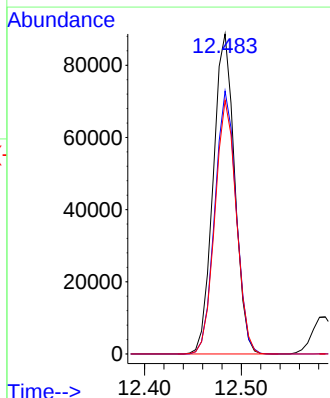
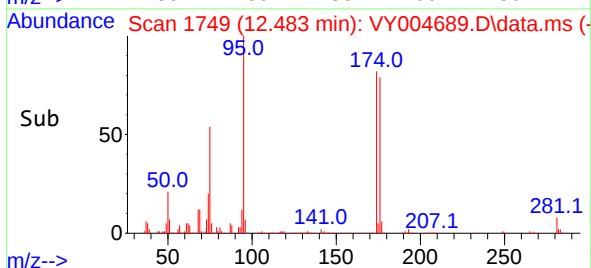
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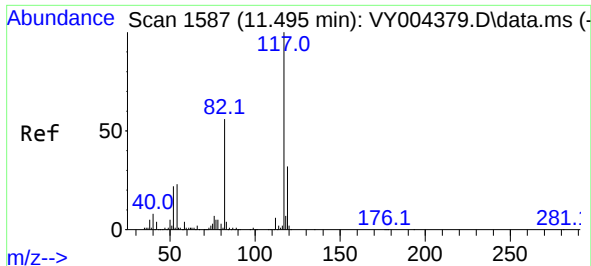


#62
4-Bromofluorobenzene
Concen: 54.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



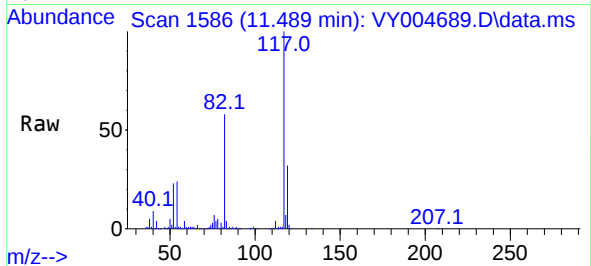
Tgt Ion: 95 Resp: 136796
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.4
176 78.8 0.0 156.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

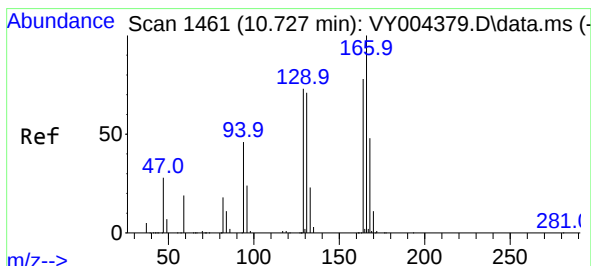
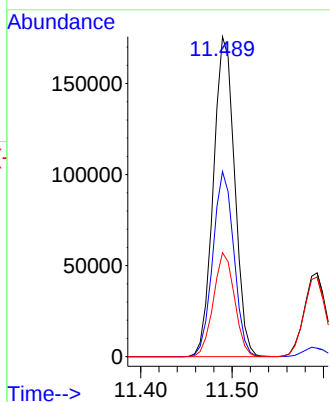
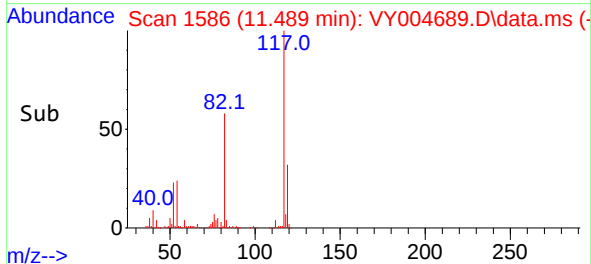
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



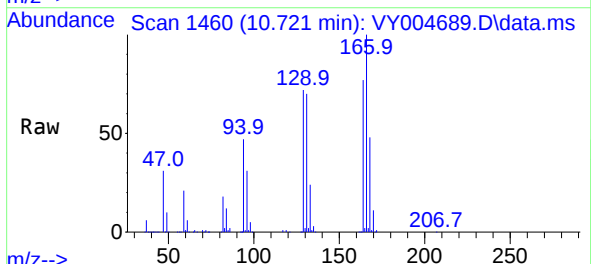
Tgt Ion:117 Resp: 284004
Ion Ratio Lower Upper
117 100
82 57.9 44.9 67.3
119 32.5 25.4 38.0

Manual Integrations
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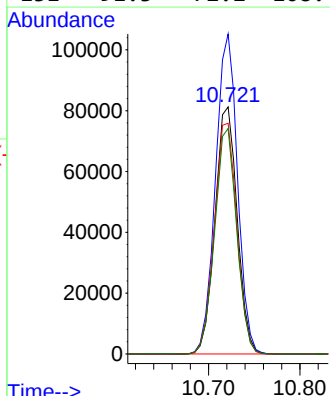
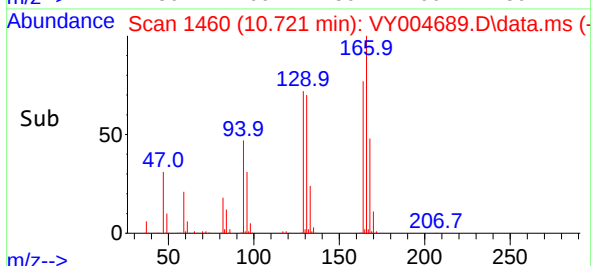
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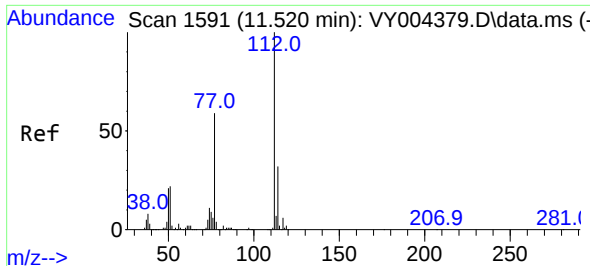


#64
Tetrachloroethene
Concen: 55.59 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



Tgt Ion:164 Resp: 137454
Ion Ratio Lower Upper
164 100
166 129.5 102.1 153.1
129 93.4 74.8 112.2
131 91.3 72.2 108.4





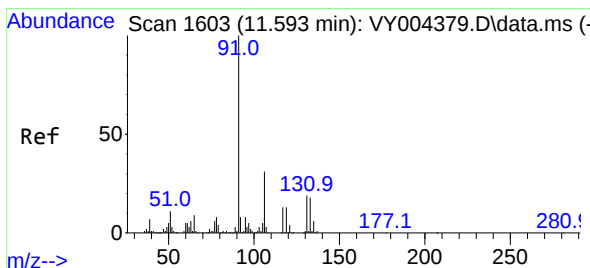
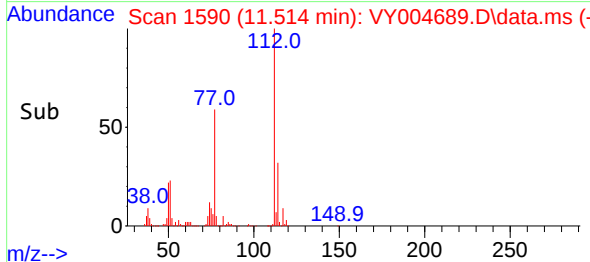
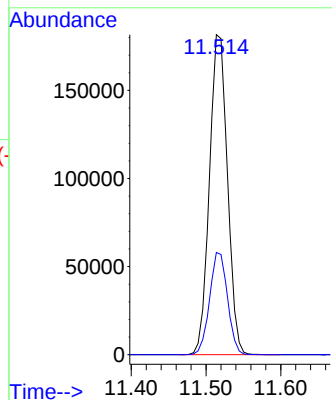
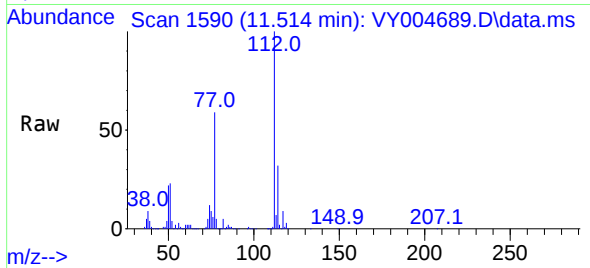
#65
Chlorobenzene
Concen: 52.35 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:112 Resp: 303402
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

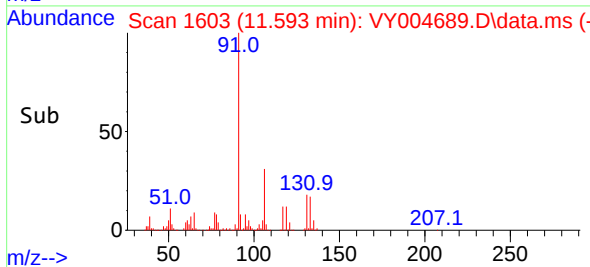
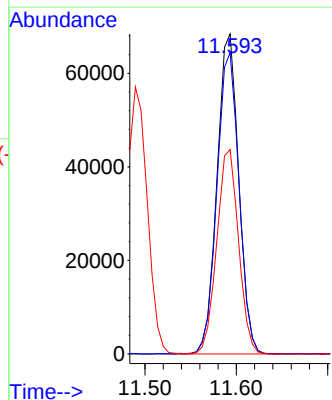
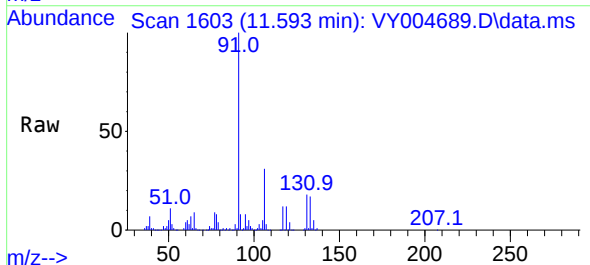
Manual Integrations
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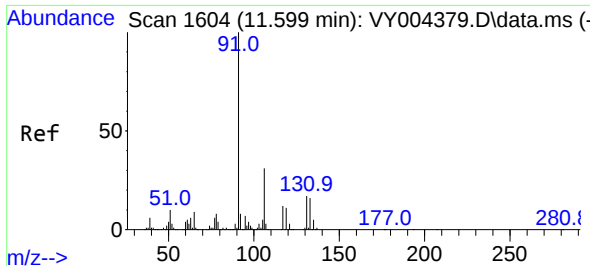
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.46 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:131 Resp: 112661
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 64.2 32.6 98.0





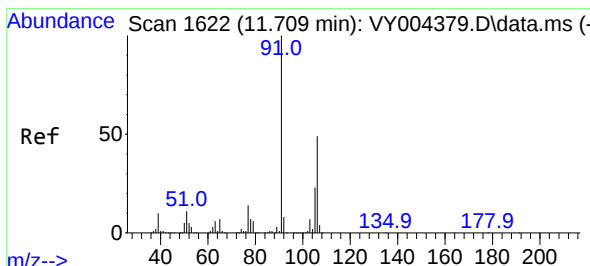
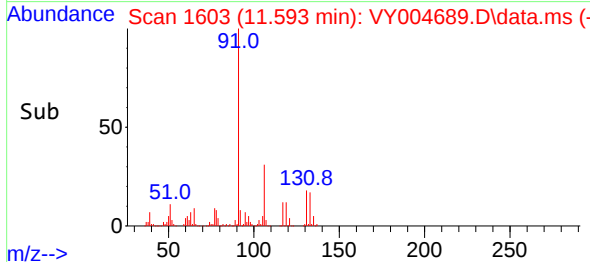
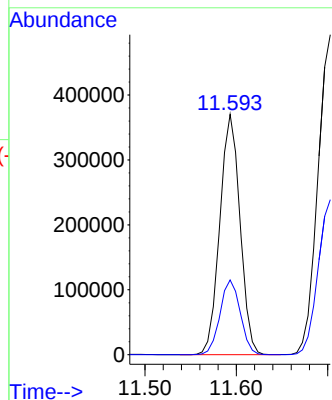
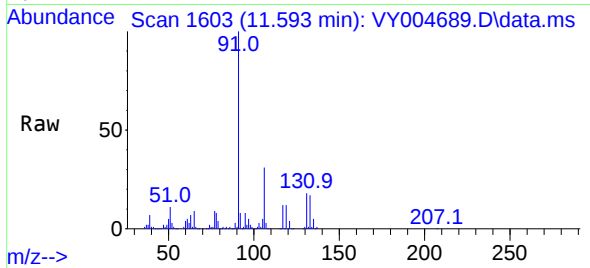
#67
Ethyl Benzene
Concen: 52.46 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 91 Resp: 568851
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

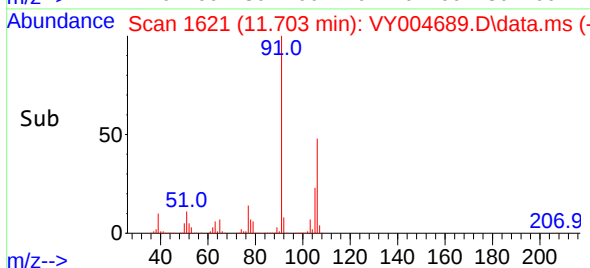
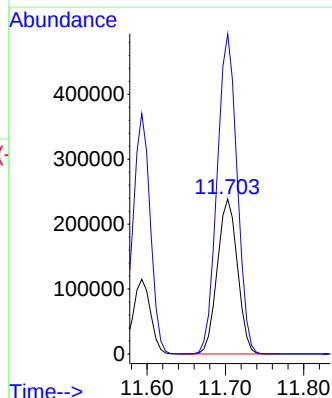
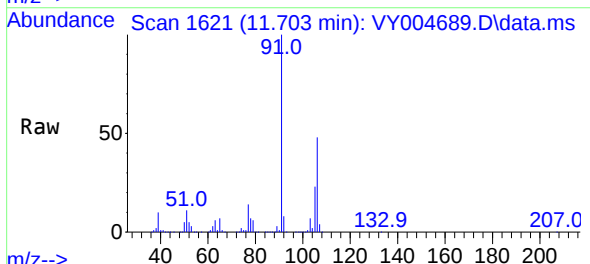
Manual Integrations
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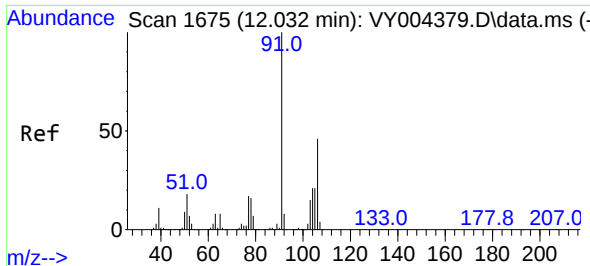
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#68
m/p-Xylenes
Concen: 105.94 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

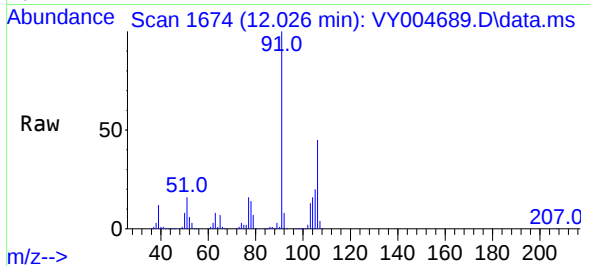
Tgt Ion:106 Resp: 426875
Ion Ratio Lower Upper
106 100
91 205.6 163.2 244.8





#69
o-Xylene
Concen: 52.50 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

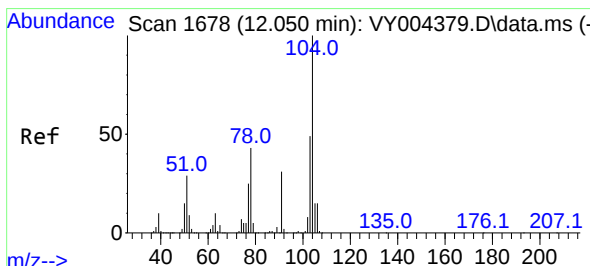
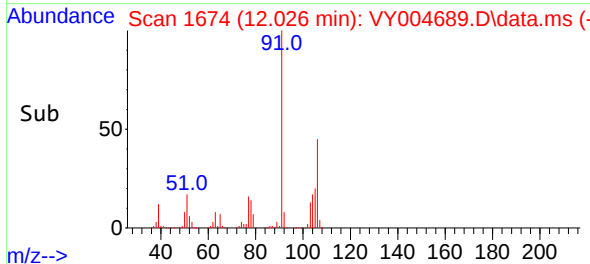
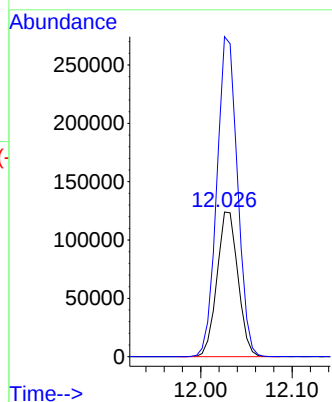
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



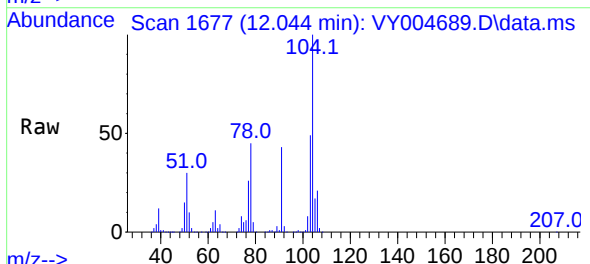
Tgt Ion:106 Resp: 198244
Ion Ratio Lower Upper
106 100
91 217.3 107.4 322.2

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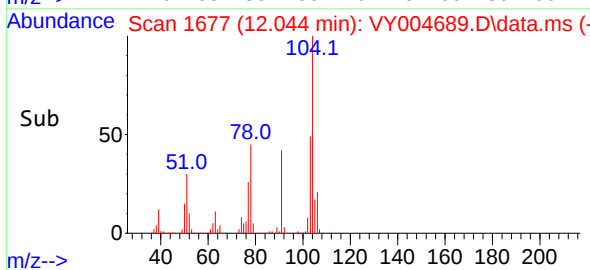
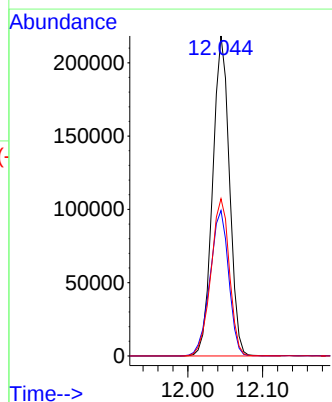
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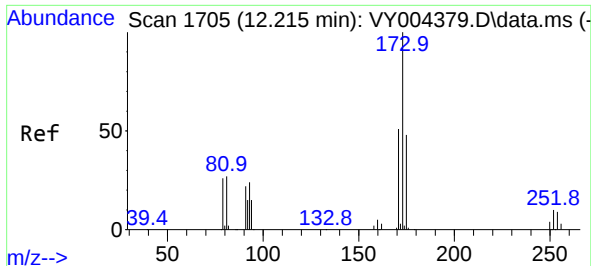


#70
Styrene
Concen: 54.59 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



Tgt Ion:104 Resp: 341441
Ion Ratio Lower Upper
104 100
78 50.5 39.9 59.9
103 53.9 43.4 65.2





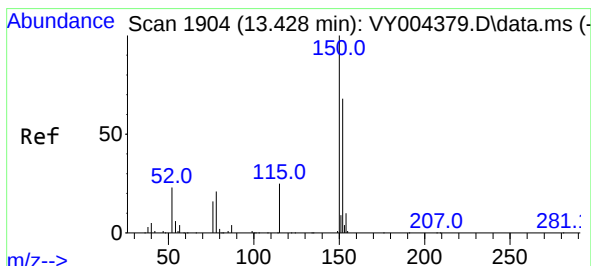
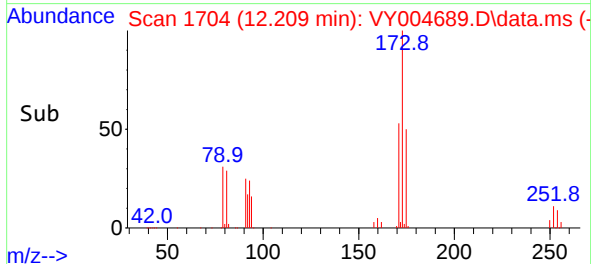
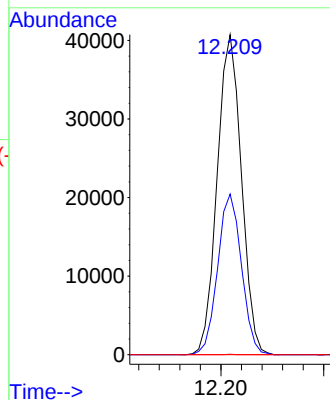
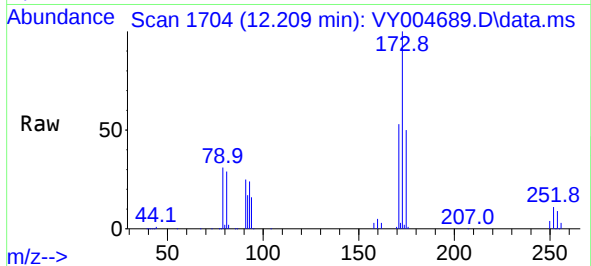
#71
Bromoform
Concen: 54.33 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:173 Resp: 66656
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

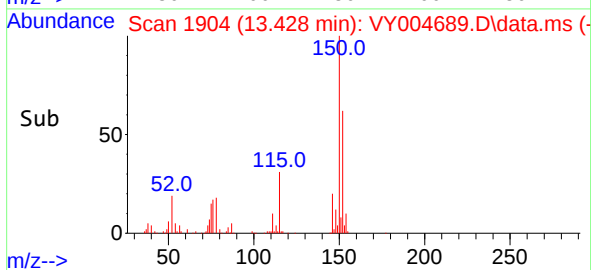
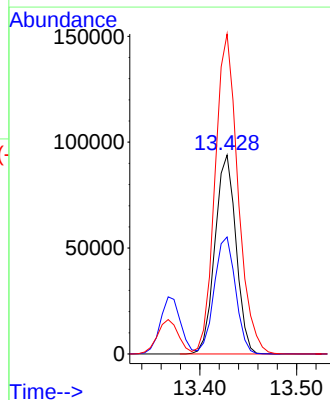
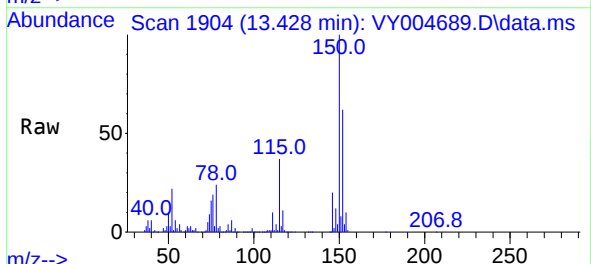
Manual Integrations
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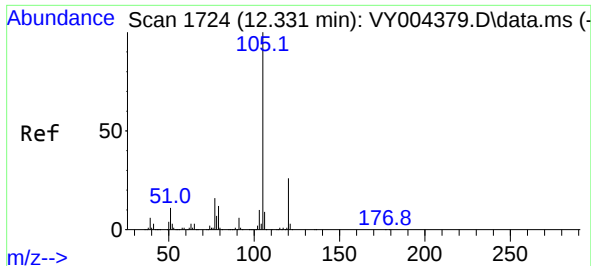
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:152 Resp: 141688
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 175.7 0.0 348.4





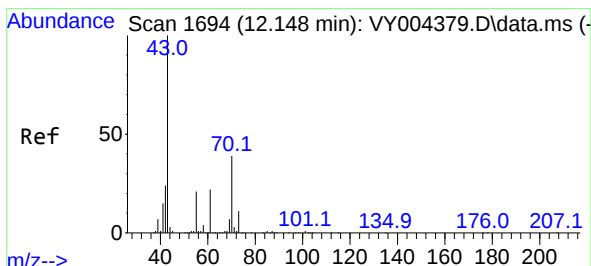
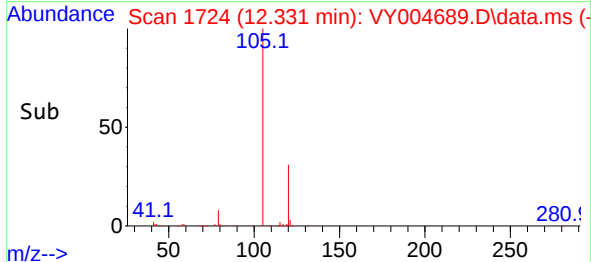
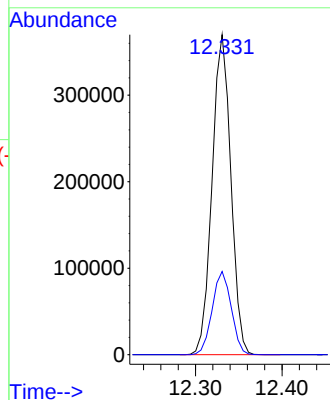
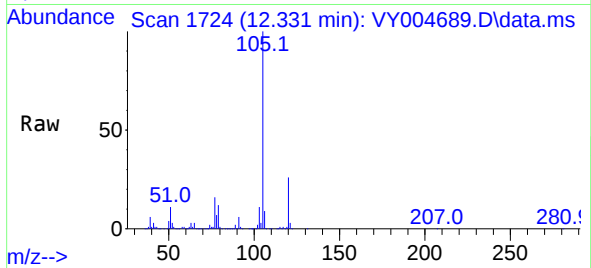
#73
Isopropylbenzene
Concen: 50.80 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 105 Resp: 556237
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

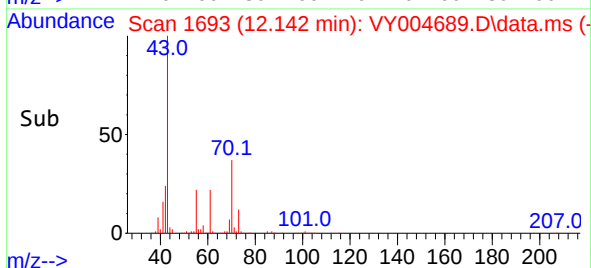
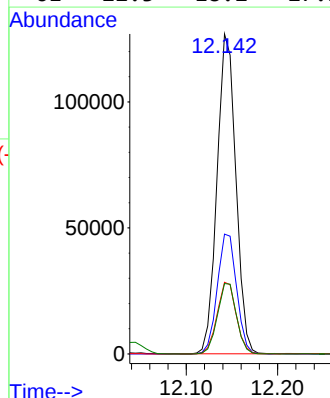
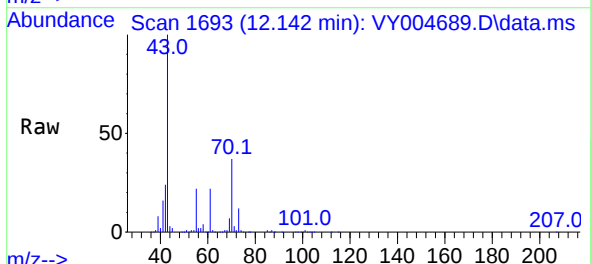
Manual Integrations
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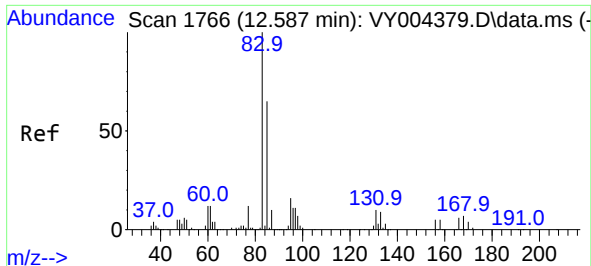
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#74
N-ethyl acetate
Concen: 49.26 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

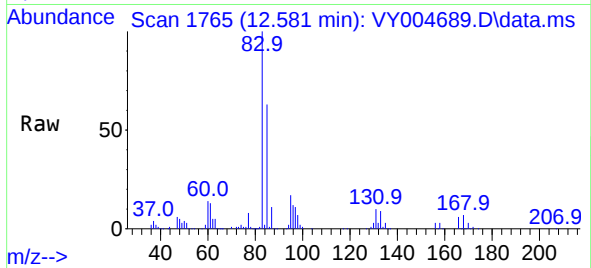
Tgt Ion: 43 Resp: 181561
Ion Ratio Lower Upper
43 100
70 38.5 30.4 45.6
55 23.0 17.4 26.0
61 22.3 18.2 27.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.31 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

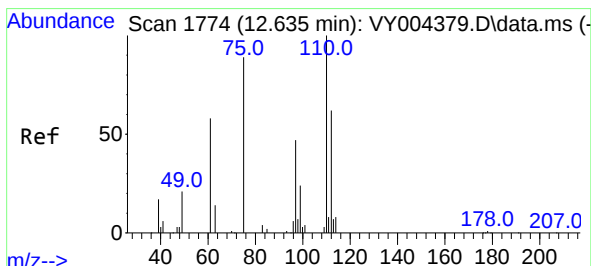
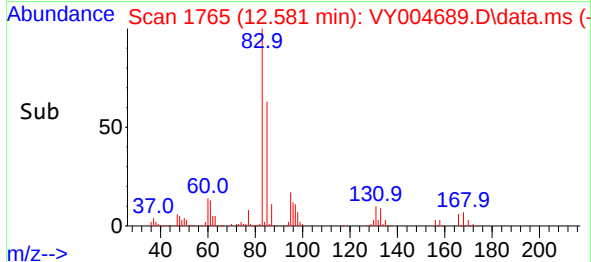
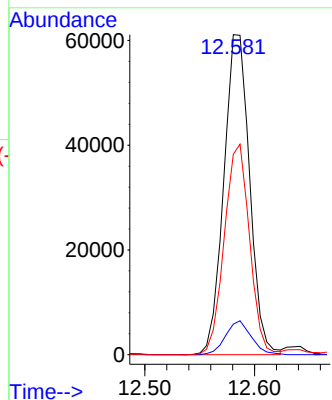
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 100068
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 64.3 31.6 94.8

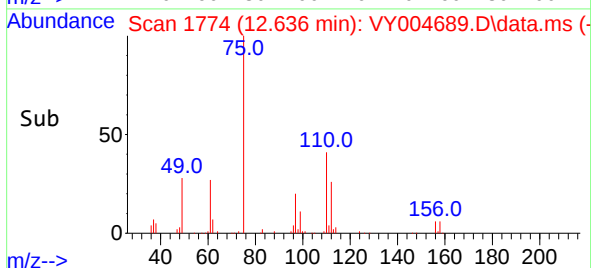
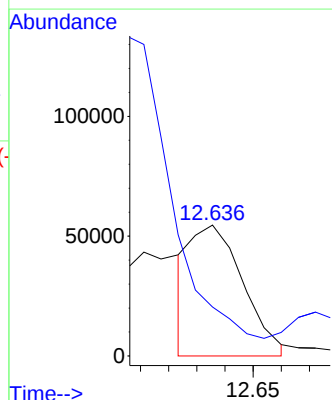
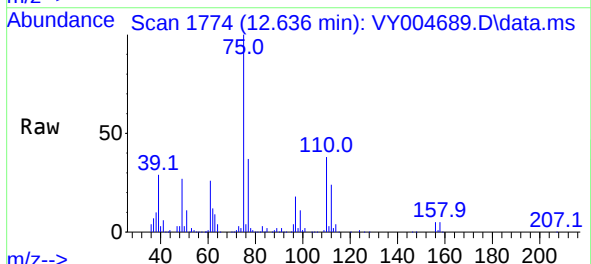
Manual Integrations
APPROVED

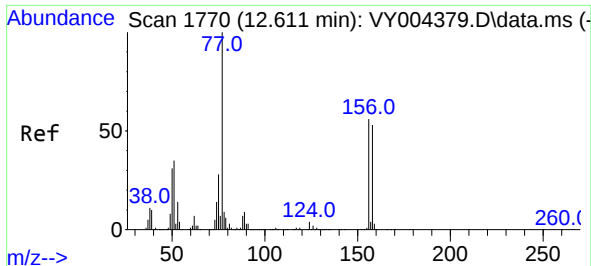
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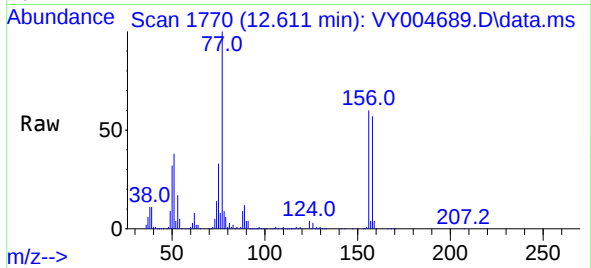
#76
1,2,3-Trichloropropane
Concen: 46.52 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 75 Resp: 70745
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

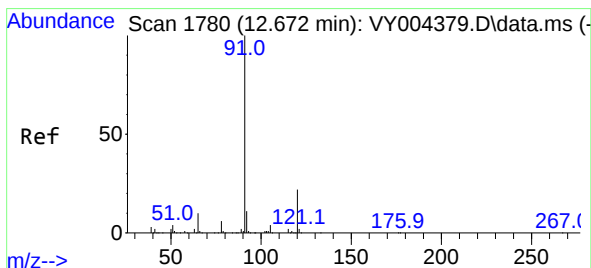
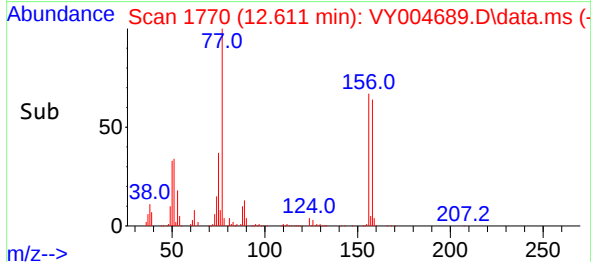
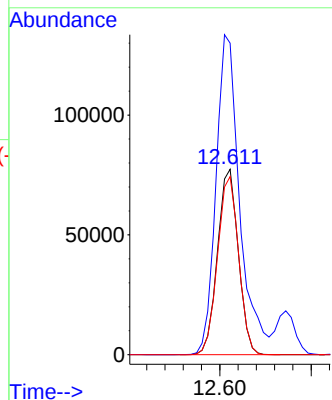




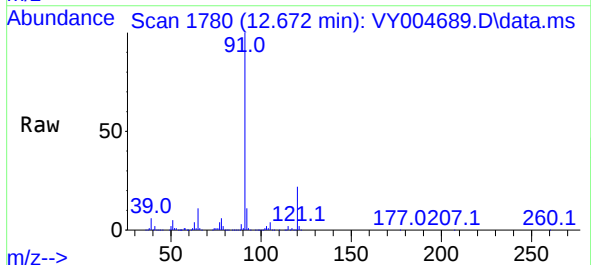
#77
Bromobenzene
Concen: 49.94 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



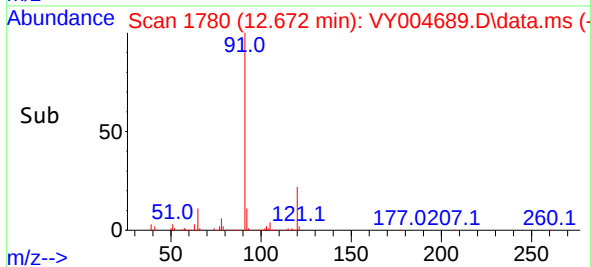
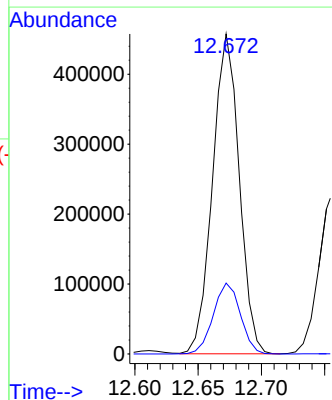
Tgt Ion: 156 Resp: 122558
Ion Ratio Lower Upper
156 100
77 196.3 98.6 295.7
158 97.1 48.4 145.2



#78
n-propylbenzene
Concen: 51.72 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



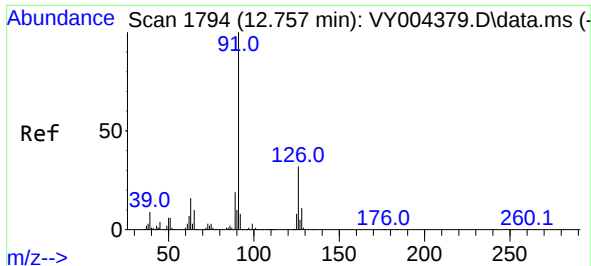
Tgt Ion: 91 Resp: 669024
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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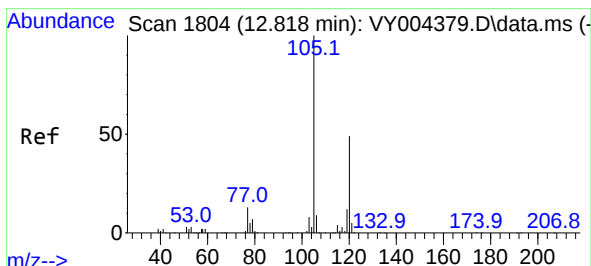
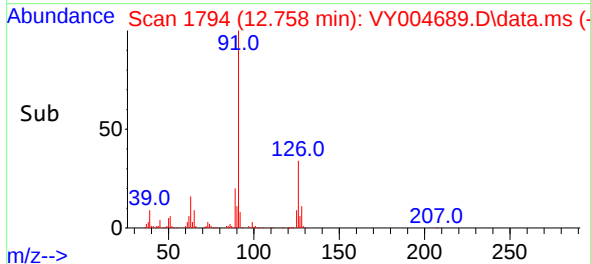
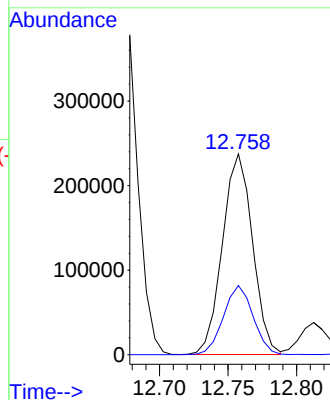
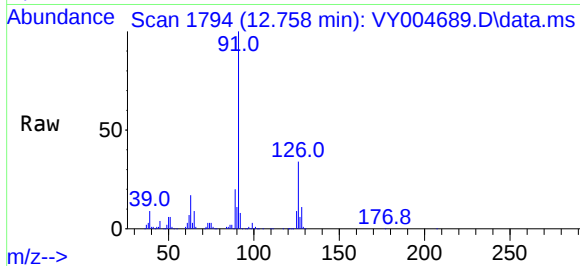
#79
2-Chlorotoluene
Concen: 51.36 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 91 Resp: 363321
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

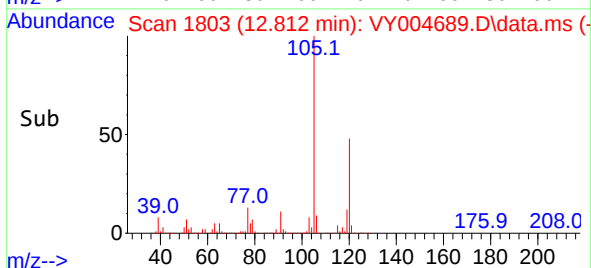
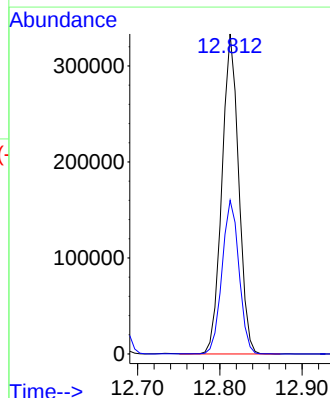
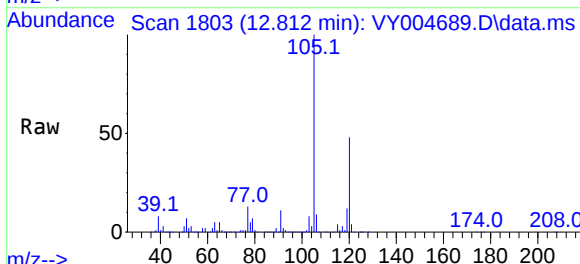
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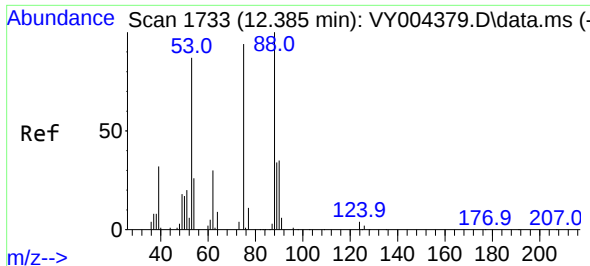
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#80
1,3,5-Trimethylbenzene
Concen: 52.97 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

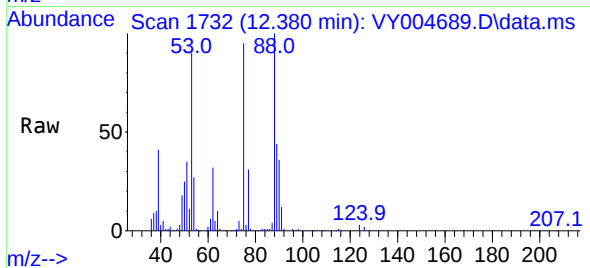
Tgt Ion: 105 Resp: 471369
Ion Ratio Lower Upper
105 100
120 48.7 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 48.39 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

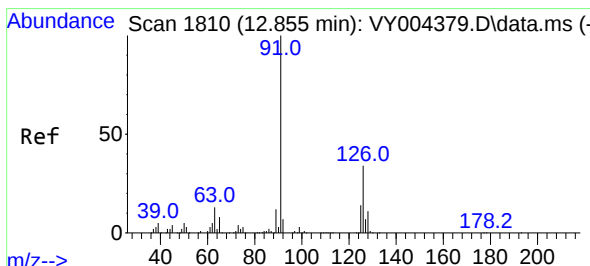
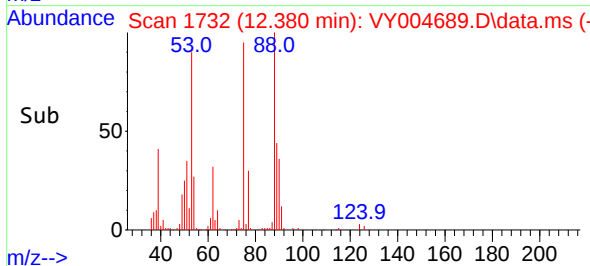
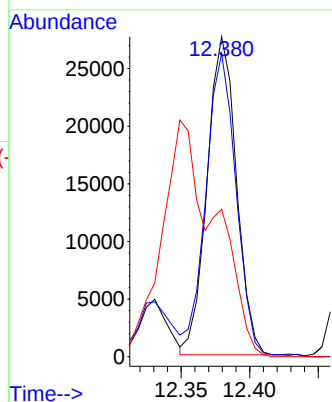
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



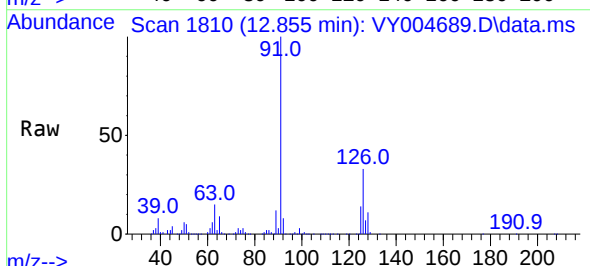
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.6	75.0	112.6
89	0.0	36.1	54.1#

Manual Integrations
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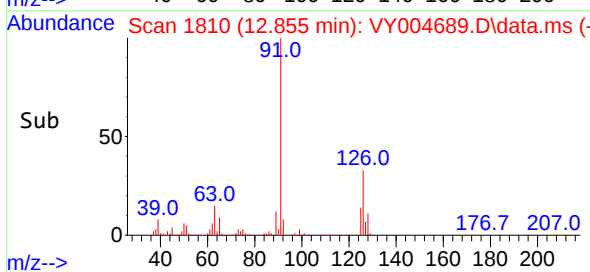
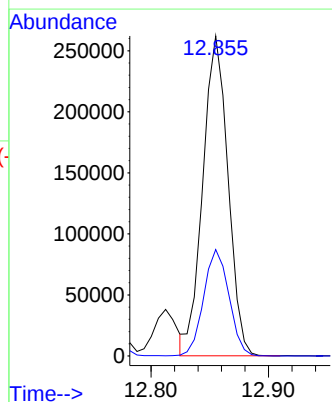
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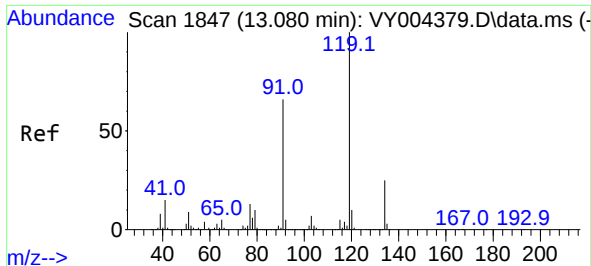


#82
4-Chlorotoluene
Concen: 52.26 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



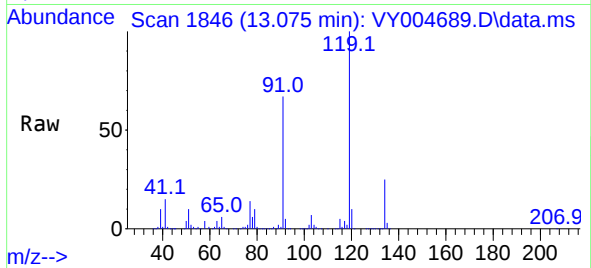
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.9	50.7





#83
tert-Butylbenzene
Concen: 51.52 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

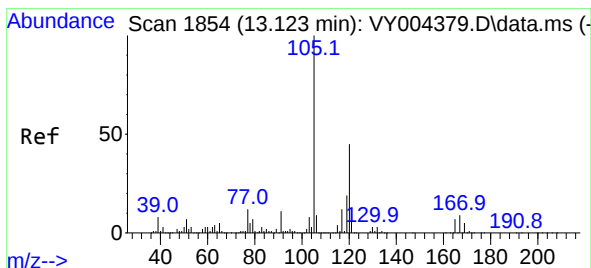
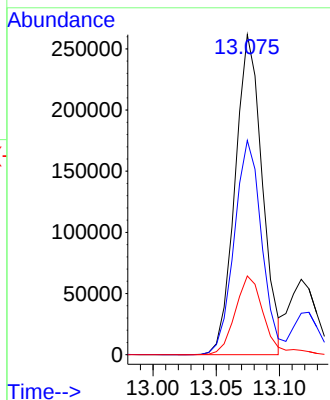
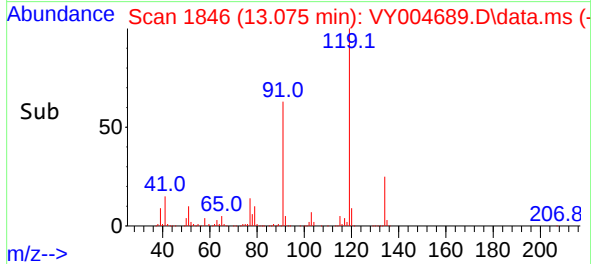
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



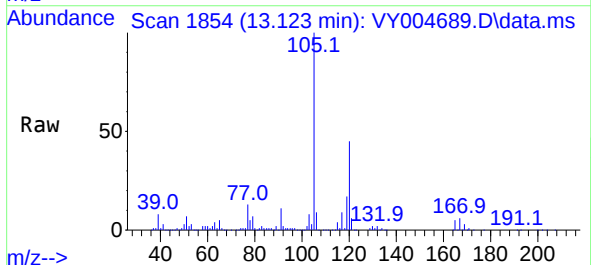
Tgt Ion:119 Resp: 392450
Ion Ratio Lower Upper
119 100
91 68.1 32.6 98.0
134 26.1 12.9 38.6

Manual Integrations
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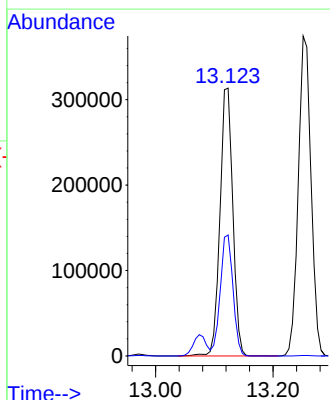
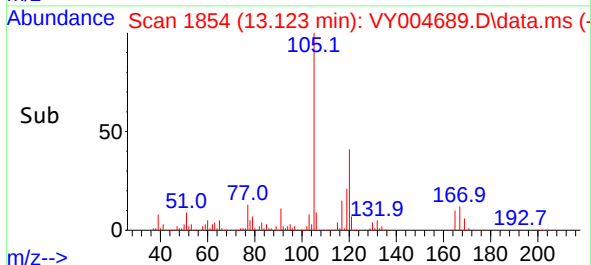
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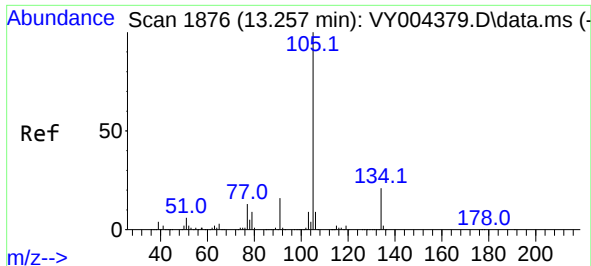


#84
1,2,4-Trimethylbenzene
Concen: 52.87 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



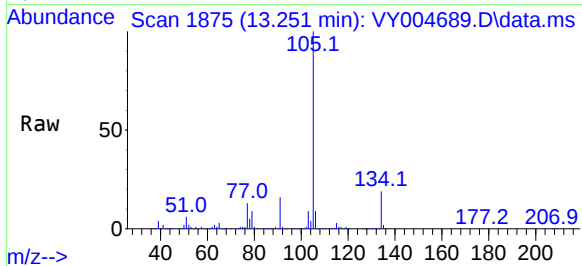
Tgt Ion:105 Resp: 474794
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 52.95 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY004689.D
 Acq: 03 May 2021 10:22

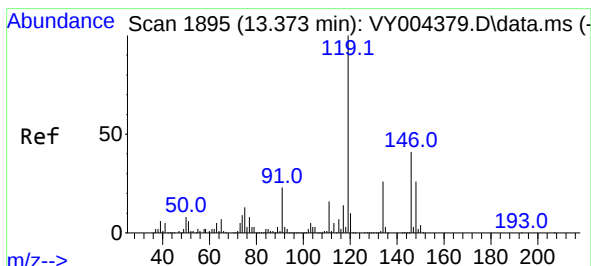
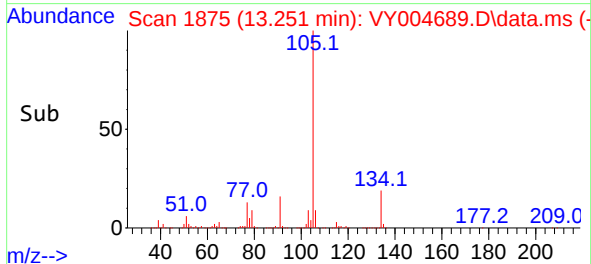
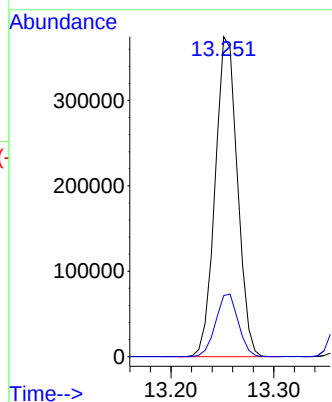
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



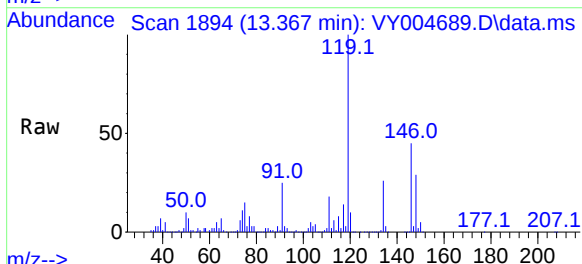
Tgt Ion:105 Resp: 562579
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3

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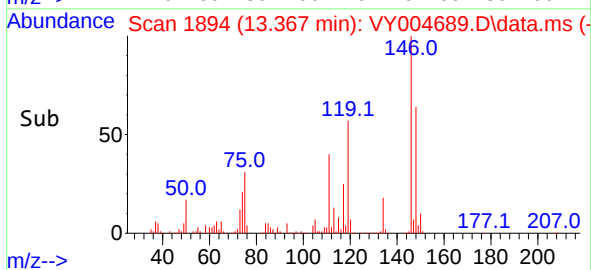
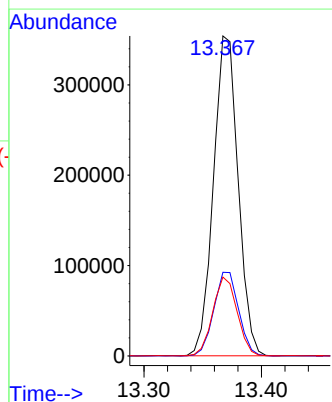
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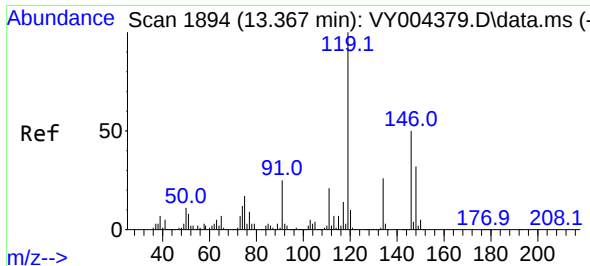


#86
 p-Isopropyltoluene
 Concen: 53.44 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY004689.D
 Acq: 03 May 2021 10:22



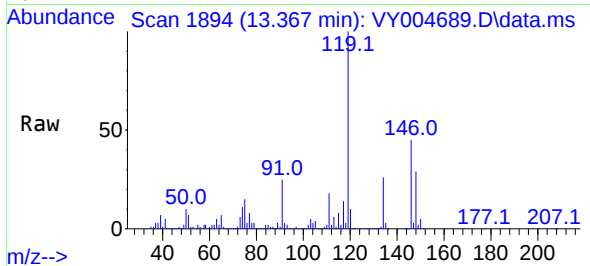
Tgt Ion:119 Resp: 516514
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 24.3 11.9 35.7





#87
1,3-Dichlorobenzene
Concen: 52.50 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

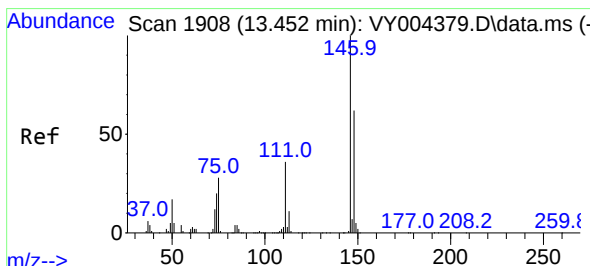
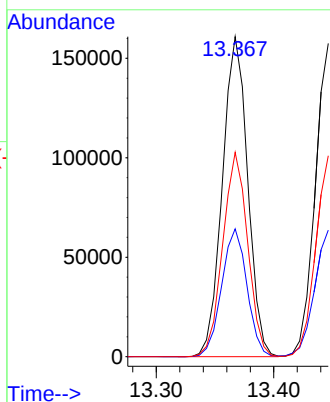
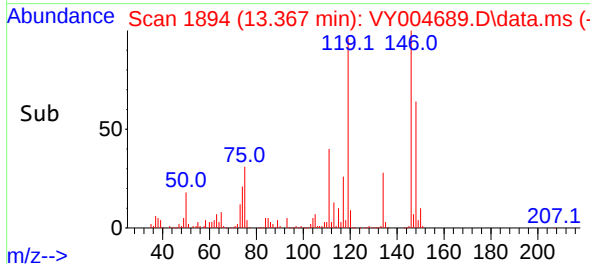
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



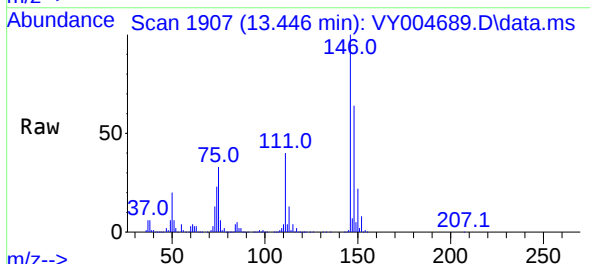
Tgt Ion:146 Resp: 240646
Ion Ratio Lower Upper
146 100
111 40.1 20.4 61.2
148 63.0 32.1 96.5

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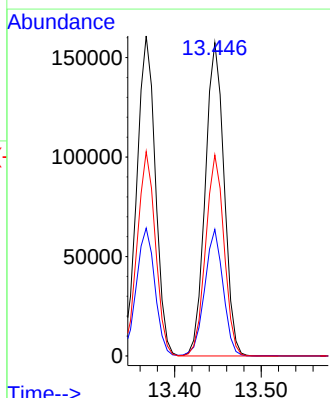
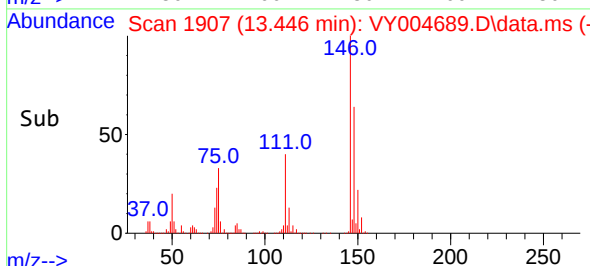
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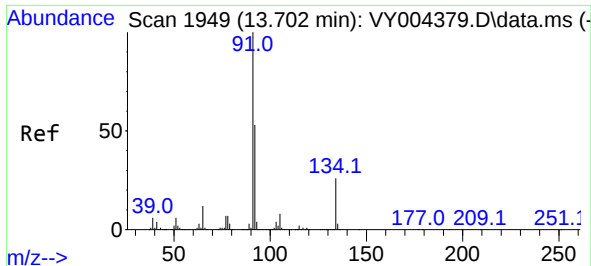


#88
1,4-Dichlorobenzene
Concen: 51.47 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



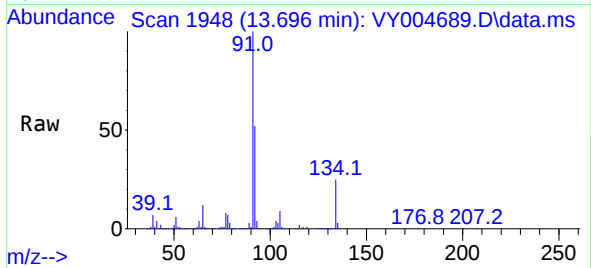
Tgt Ion:146 Resp: 237473
Ion Ratio Lower Upper
146 100
111 39.5 19.6 58.8
148 63.2 31.9 95.5





#89
n-Butylbenzene
Concen: 53.17 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

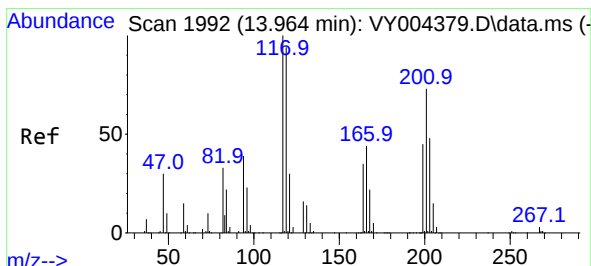
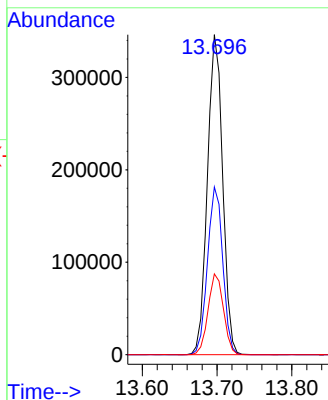
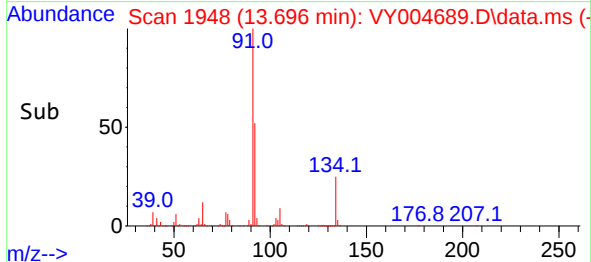
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



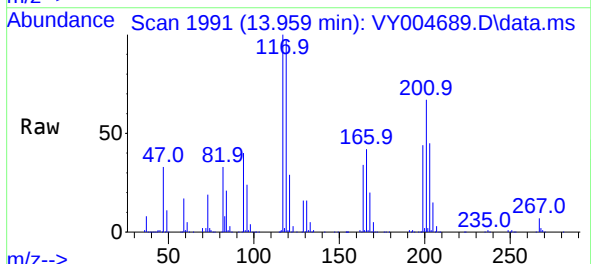
Tgt Ion: 91 Resp: 490546
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 25.6 12.7 38.1

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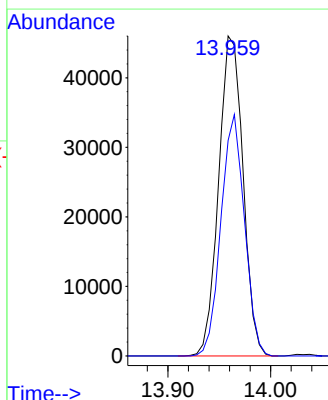
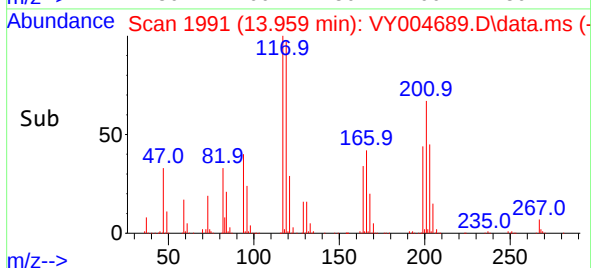
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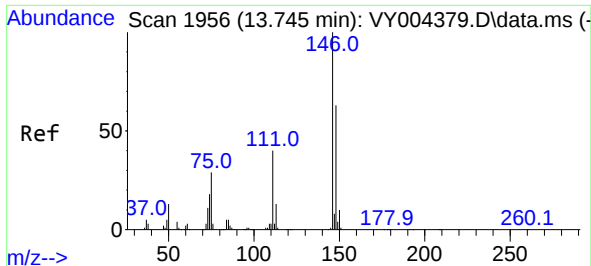


#90
Hexachloroethane
Concen: 58.44 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22



Tgt Ion: 117 Resp: 75779
Ion Ratio Lower Upper
117 100
201 72.8 36.6 109.9





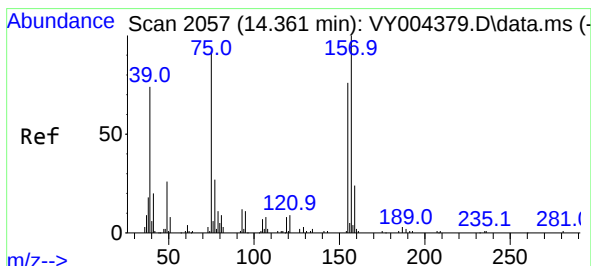
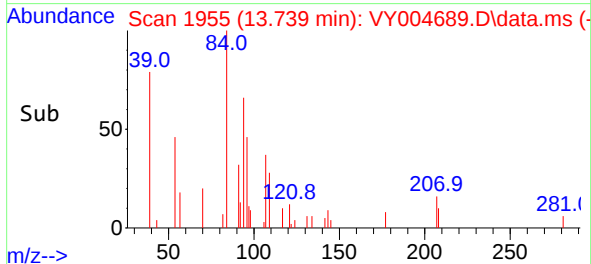
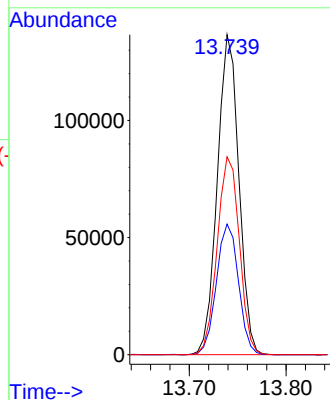
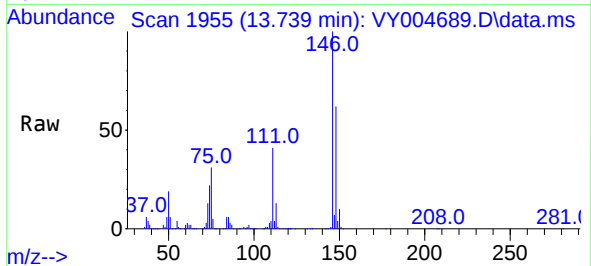
#91
1,2-Dichlorobenzene
Concen: 51.89 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:146 Resp: 211126
Ion Ratio Lower Upper
146 100
111 41.8 20.9 62.7
148 63.7 31.9 95.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

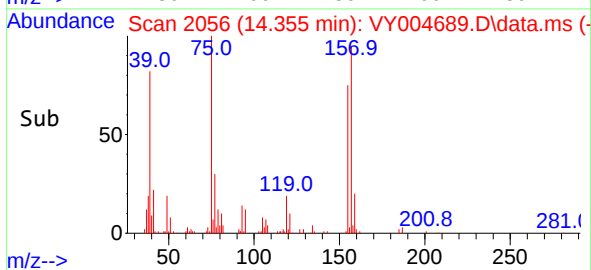
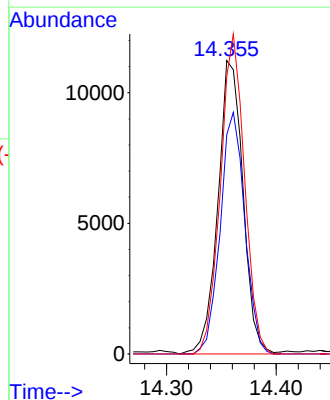
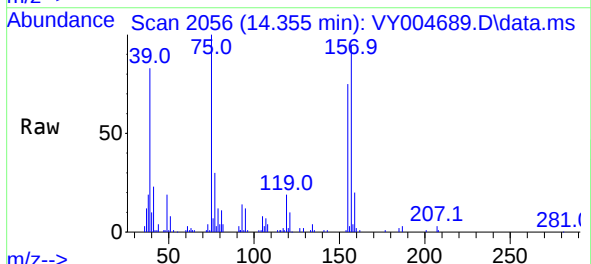
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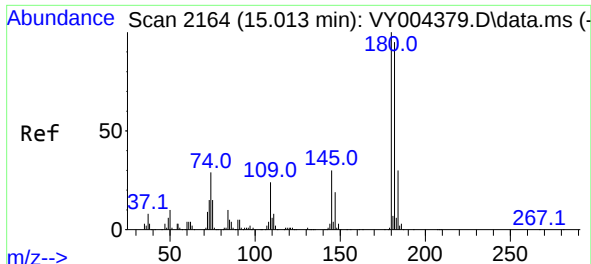
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#92
1,2-Dibromo-3-Chloropropane
Concen: 48.08 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion: 75 Resp: 17871
Ion Ratio Lower Upper
75 100
155 80.3 40.6 121.8
157 104.4 53.0 159.0





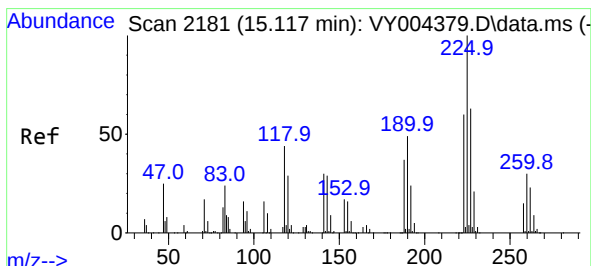
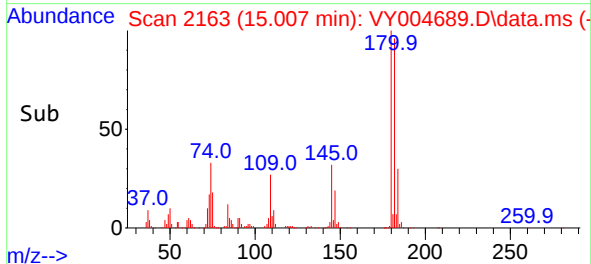
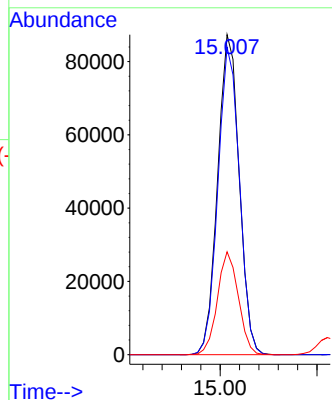
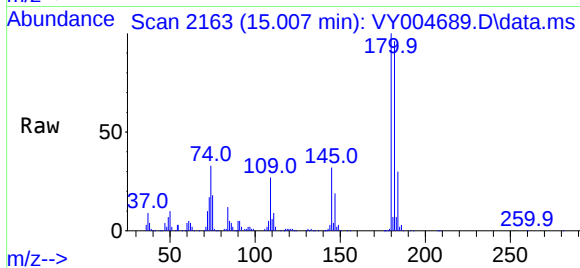
#93
1,2,4-Trichlorobenzene
Concen: 50.16 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:	180	Resp:	134948
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.3	141.8
145	31.3	15.5	46.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

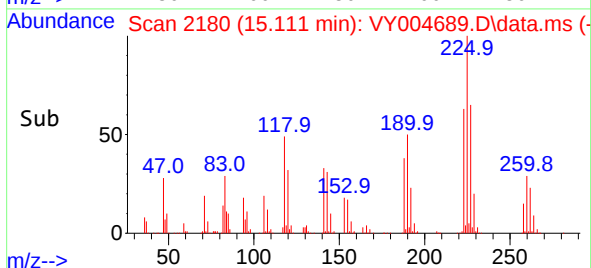
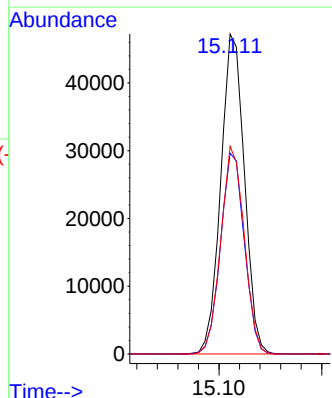
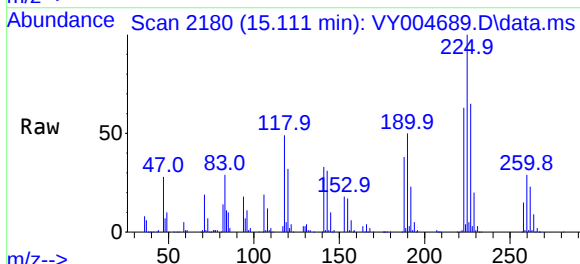
Manual Integrations
APPROVED

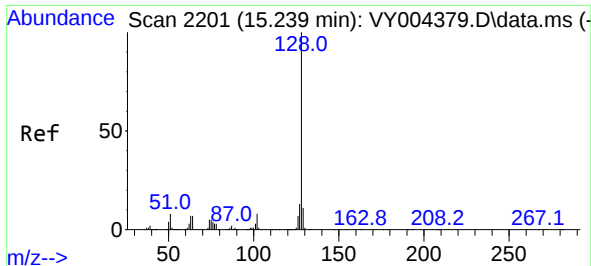
MMDadoda
5/4/2021 5:33:28 PM



#94
Hexachlorobutadiene
Concen: 53.61 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:	225	Resp:	75294
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.3	93.9
227	64.4	32.2	96.6





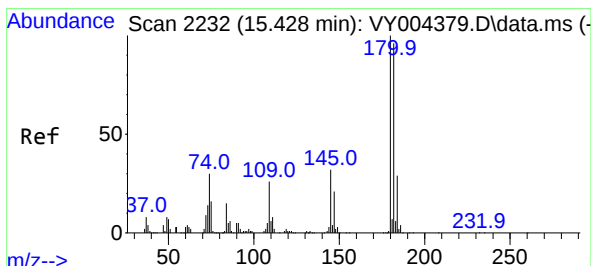
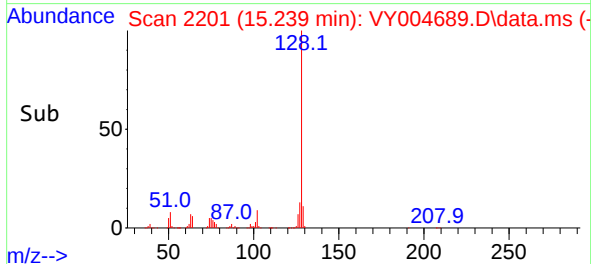
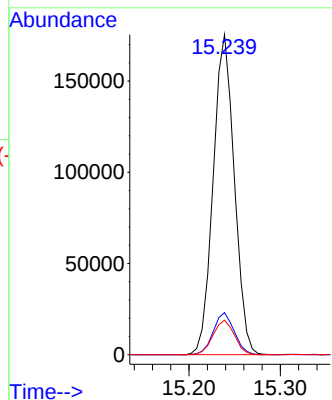
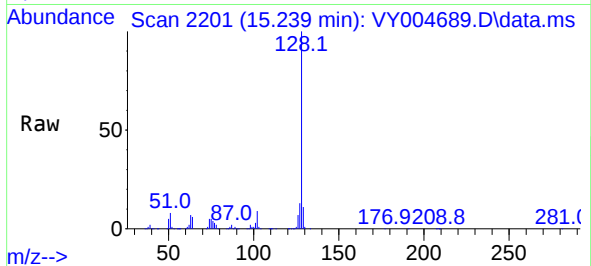
#95
Naphthalene
Concen: 48.24 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:128 Resp: 282130
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.8 13.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/4/2021 5:33:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.17 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004689.D
Acq: 03 May 2021 10:22

Tgt Ion:180 Resp: 116690
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.8
145 32.7 16.3 48.8

