

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012821\
 Data File : VY003953.D
 Acq On : 28 Jan 2021 12:46
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Jan 28 18:04:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 28 18:02:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	101178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	150068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	138745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	24226	21.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	43.54%#		
35) Dibromofluoromethane	7.728	113	18854	21.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.98%#		
50) Toluene-d8	10.185	98	72453	21.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	42.08%#		
62) 4-Bromofluorobenzene	12.483	95	27134	21.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	43.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	21670	21.61	ug/l	96
3) Chloromethane	2.119	50	25106	19.88	ug/l	95
4) Vinyl Chloride	2.259	62	25568	19.41	ug/l	98
5) Bromomethane	2.656	94	18857	20.10	ug/l	96
6) Chloroethane	2.802	64	16683	20.21	ug/l	91
7) Trichlorofluoromethane	3.137	101	38292	20.98	ug/l	95
8) Diethyl Ether	3.540	74	11477	20.10	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	19321	20.51	ug/l	97
10) Methyl Iodide	4.107	142	23472	20.14	ug/l	99
11) Tert butyl alcohol	4.984	59	12756	111.70	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	18490	20.25	ug/l	97
13) Acrolein	3.747	56	10829	105.58	ug/l	97
14) Allyl chloride	4.497	41	33653	20.01	ug/l	94
15) Acrylonitrile	5.192	53	30169	103.83	ug/l	98
16) Acetone	3.966	43	26665	97.64	ug/l	98
17) Carbon Disulfide	4.210	76	59876	19.95	ug/l	98
18) Methyl Acetate	4.497	43	14662	21.54	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	56617	20.30	ug/l	96
20) Methylene Chloride	4.735	84	23101	19.92	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	21027	20.01	ug/l	98
22) Diisopropyl ether	6.143	45	67074	20.05	ug/l	99
23) Vinyl Acetate	6.082	43	233468	102.41	ug/l	99
24) 1,1-Dichloroethane	6.039	63	37032	19.97	ug/l	99
25) 2-Butanone	7.002	43	39862	102.44	ug/l	98
26) 2,2-Dichloropropane	6.996	77	35558	20.12	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	23021	19.74	ug/l	100
28) Bromochloromethane	7.344	49	14453	18.09	ug/l	85
29) Tetrahydrofuran	7.362	42	25910	104.47	ug/l	92
30) Chloroform	7.521	83	38432	19.72	ug/l	99
31) Cyclohexane	7.795	56	36739	19.67	ug/l #	92
32) 1,1,1-Trichloroethane	7.716	97	35998	20.02	ug/l	97
36) 1,1-Dichloropropene	7.929	75	30402	20.03	ug/l	98
37) Ethyl Acetate	7.094	43	18312	21.33	ug/l	97
38) Carbon Tetrachloride	7.911	117	33298	20.30	ug/l	98
39) Methylcyclohexane	9.191	83	35772	19.77	ug/l	97
40) Benzene	8.173	78	84185	20.06	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	12229m	18.32	ug/l	
42) 1,2-Dichloroethane	8.252	62	29591	20.49	ug/l	98
43) Isopropyl Acetate	8.283	43	34411	20.61	ug/l	97
44) Trichloroethene	8.947	130	23234	20.04	ug/l	92
45) 1,2-Dichloropropane	9.222	63	20356	19.60	ug/l	93
46) Dibromomethane	9.313	93	12146	20.47	ug/l	95
47) Bromodichloromethane	9.502	83	31208	20.33	ug/l #	96
48) Methyl methacrylate	9.301	41	16631	20.38	ug/l	96
49) 1,4-Dioxane	9.307	88	2742	416.40	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	90338	105.91	ug/l	96
52) Toluene	10.246	92	53842	20.33	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	32853	20.32	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	36566	20.40	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	16955	20.61	ug/l	97
56) Ethyl methacrylate	10.514	69	23890	20.34	ug/l	97
57) 1,3-Dichloropropane	10.794	76	30303	20.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	58646	110.13	ug/l	97
59) 2-Hexanone	10.837	43	62770	104.99	ug/l	94
60) Dibromochloromethane	10.990	129	21866	20.39	ug/l	99
61) 1,2-Dibromoethane	11.093	107	16706	20.30	ug/l	98
64) Tetrachloroethene	10.721	164	25191	20.25	ug/l	95
65) Chlorobenzene	11.520	112	57077	20.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	21889	19.95	ug/l	98
67) Ethyl Benzene	11.593	91	105341	19.98	ug/l	99
68) m/p-Xylenes	11.703	106	77861	39.84	ug/l	99
69) o-Xylene	12.032	106	35911	19.75	ug/l	98
70) Styrene	12.044	104	62548	19.94	ug/l	100
71) Bromoform	12.209	173	14315	20.39	ug/l #	94
73) Isopropylbenzene	12.331	105	102286	19.69	ug/l	98
74) N-amyl acetate	12.142	43	31058	20.34	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	19517	20.72	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17168m	18.74	ug/l	
77) Bromobenzene	12.611	156	25008	19.42	ug/l	97
78) n-propylbenzene	12.672	91	121718	19.69	ug/l	100
79) 2-Chlorotoluene	12.758	91	70063	19.79	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	88553	19.87	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7787	20.36	ug/l	94
82) 4-Chlorotoluene	12.855	91	74579	19.92	ug/l	100
83) tert-Butylbenzene	13.075	119	74146	20.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	89960	20.13	ug/l	99
85) sec-Butylbenzene	13.251	105	103516	20.16	ug/l	100
86) p-Isopropyltoluene	13.367	119	96253	20.09	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	47913	19.74	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	48234	20.13	ug/l	98
89) n-Butylbenzene	13.696	91	89259	20.07	ug/l	100
90) Hexachloroethane	13.959	117	17504	19.96	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	43715	20.22	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3910	20.13	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	30657	20.49	ug/l	98
94) Hexachlorobutadiene	15.111	225	20043	20.84	ug/l	99
95) Naphthalene	15.233	128	58766	20.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	26383	20.47	ug/l	99

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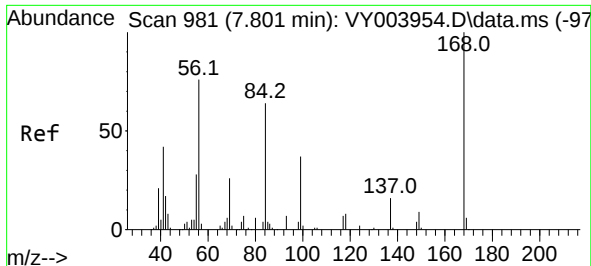
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



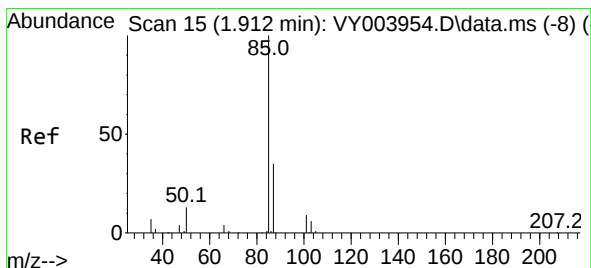
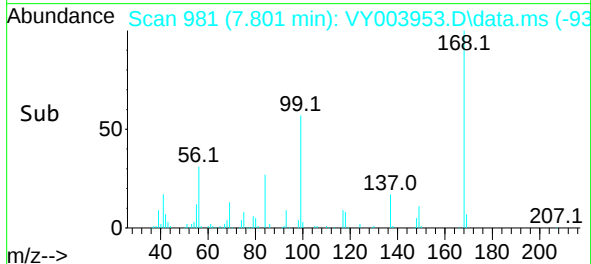
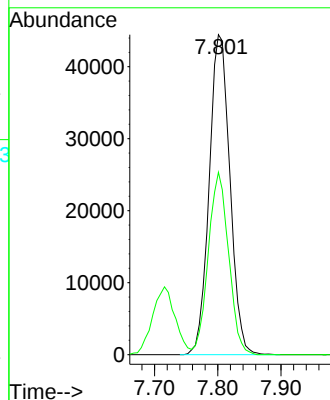
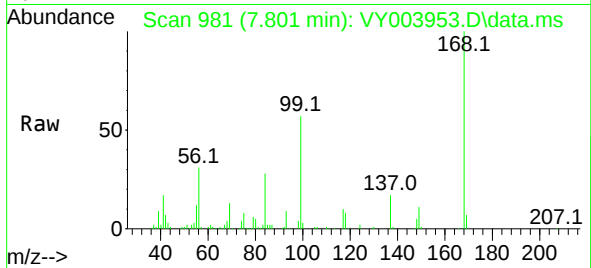
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:168 Resp: 101178
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1

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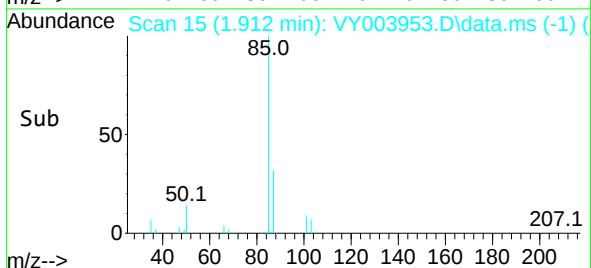
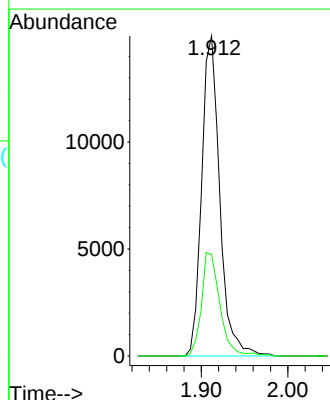
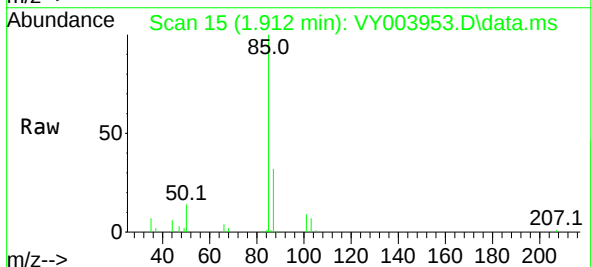
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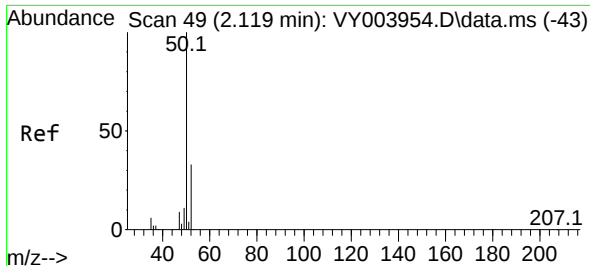
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#2
Dichlorodifluoromethane
Concen: 21.61 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

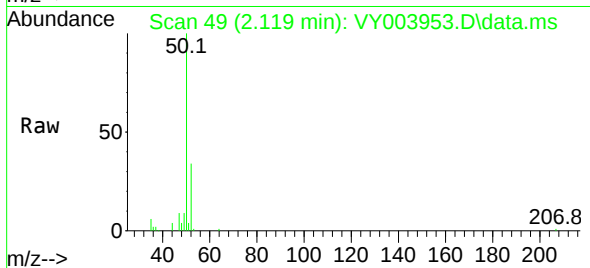
Tgt Ion: 85 Resp: 21670
Ion Ratio Lower Upper
85 100
87 31.6 17.0 51.0



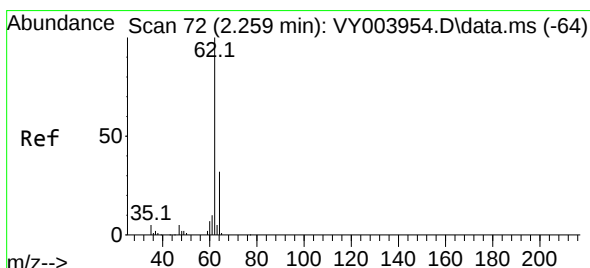
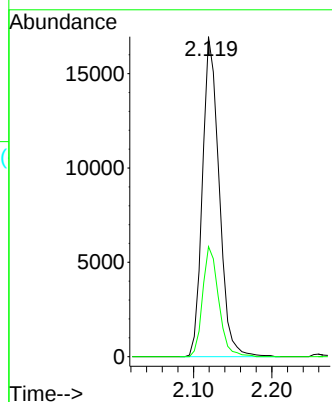
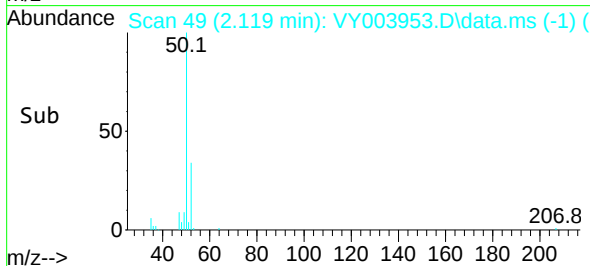


#3
Chloromethane
Concen: 19.88 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

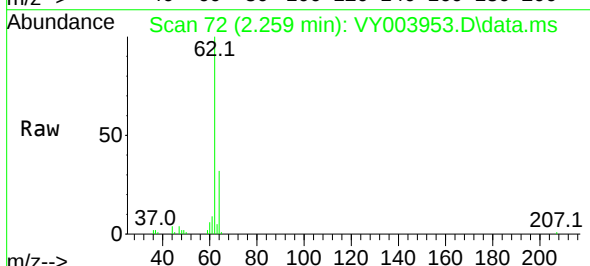
Instrument :
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ClientSampleId :
VSTDIC020



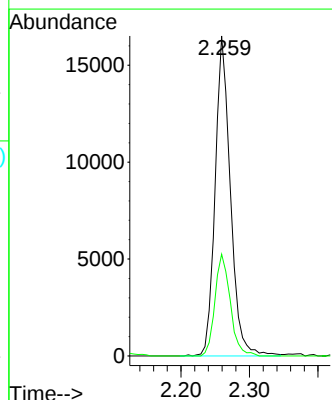
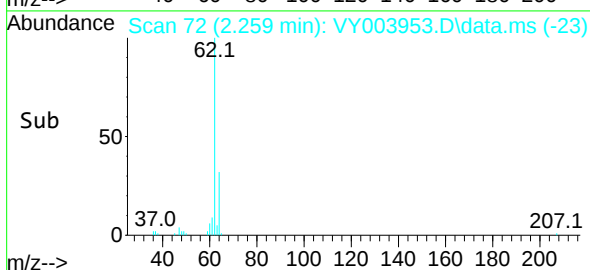
Tgt Ion: 50 Resp: 25106
Ion Ratio Lower Upper
50 100
52 34.4 25.2 37.8

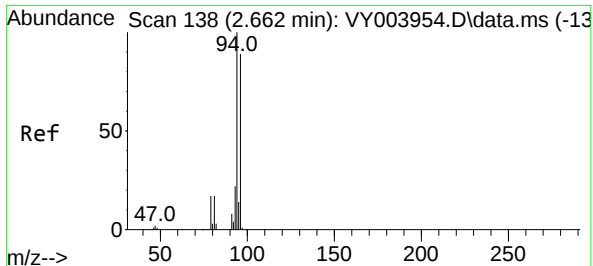


#4
Vinyl Chloride
Concen: 19.41 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion: 62 Resp: 25568
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





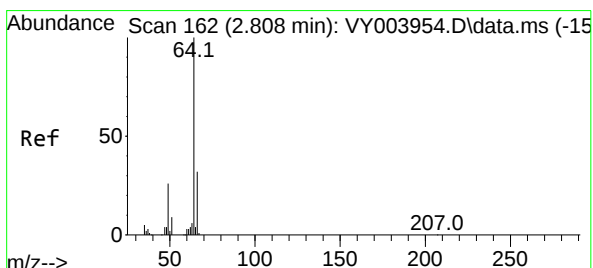
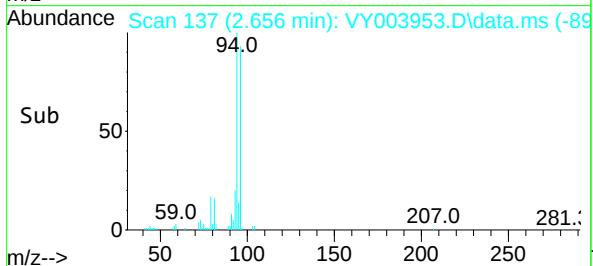
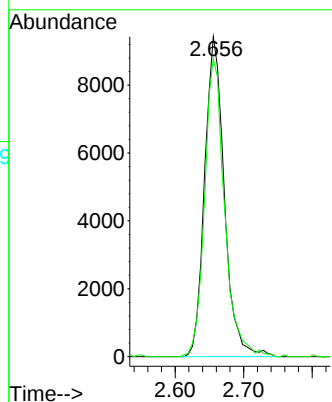
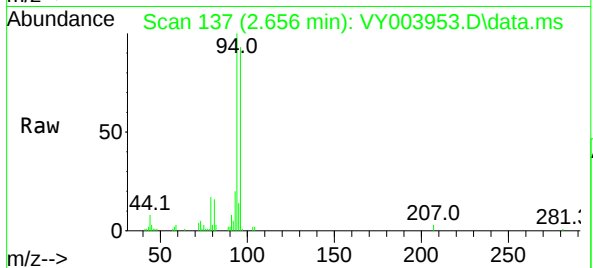
#5
Bromomethane
Concen: 20.10 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 94 Resp: 18857
Ion Ratio Lower Upper
94 100
96 93.1 71.4 107.0

Instrument :
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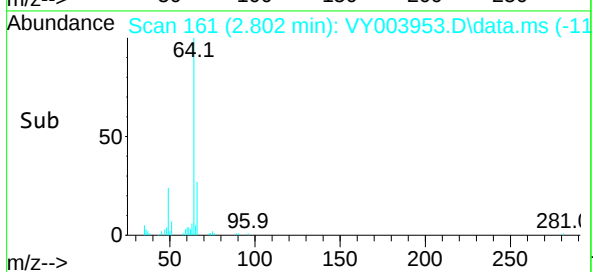
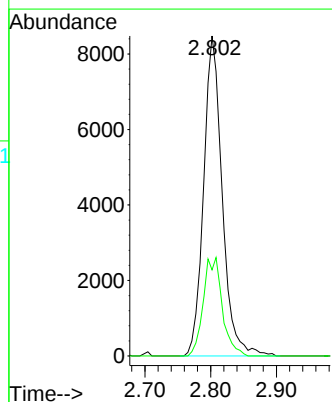
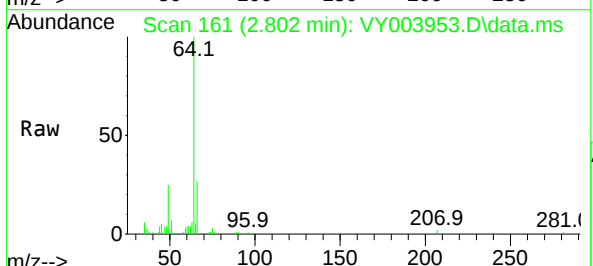
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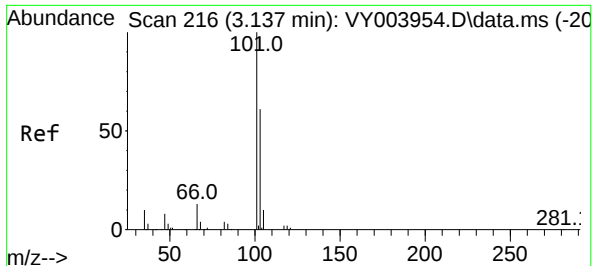
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#6
Chloroethane
Concen: 20.21 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

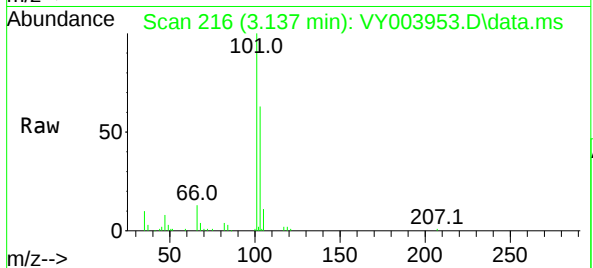
Tgt Ion: 64 Resp: 16683
Ion Ratio Lower Upper
64 100
66 26.9 25.6 38.4





#7
Trichlorofluoromethane
Concen: 20.98 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY003953.D
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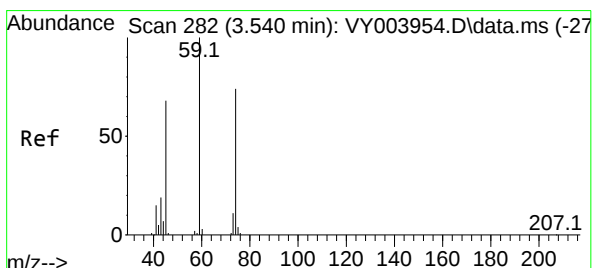
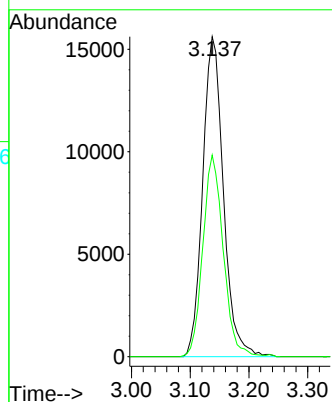
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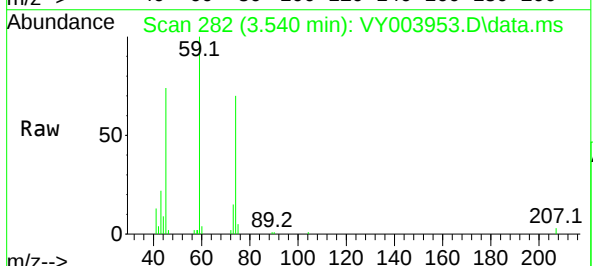
Tgt Ion:101 Resp: 38292
Ion Ratio Lower Upper
101 100
103 63.0 47.4 71.0

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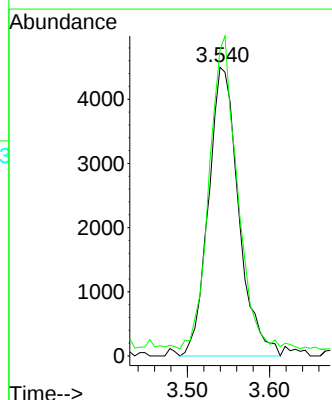
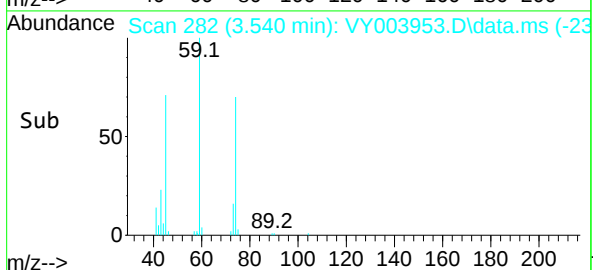
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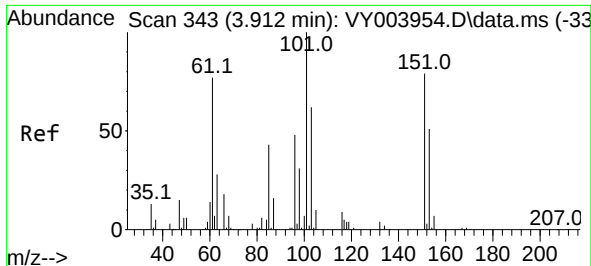


#8
Diethyl Ether
Concen: 20.10 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY003953.D
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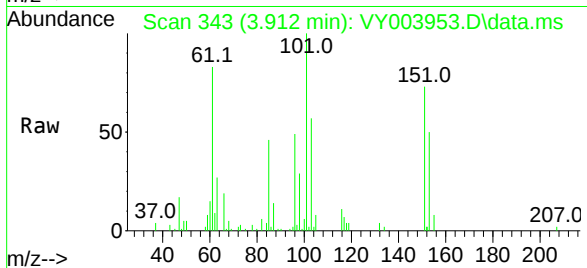
Tgt Ion: 74 Resp: 11477
Ion Ratio Lower Upper
74 100
45 100.9 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.51 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
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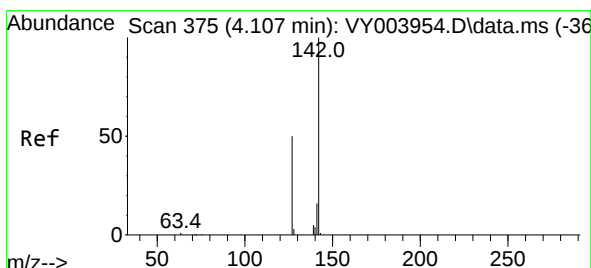
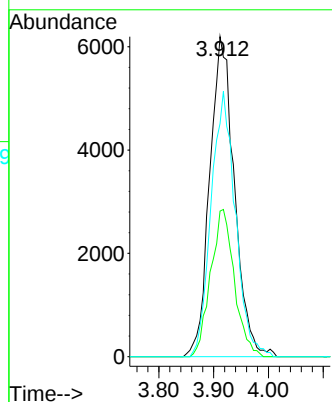
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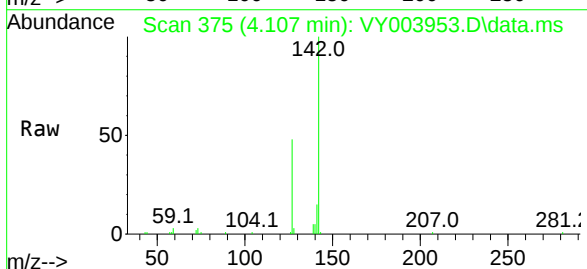
Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.2	37.0	55.4
151	81.7	63.6	95.4

Manual Integrations
APPROVED

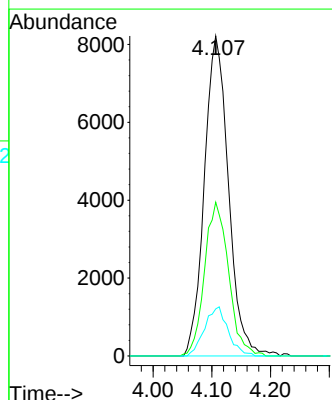
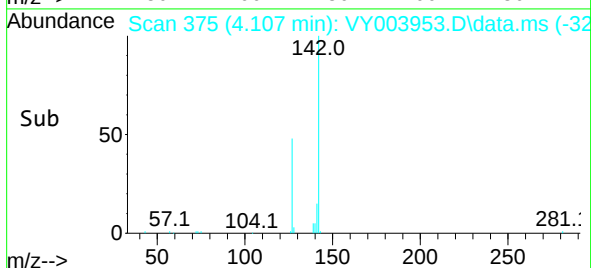
SAM
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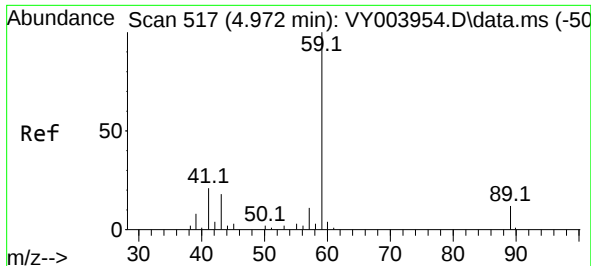


#10
Methyl Iodide
Concen: 20.14 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.8	38.7	58.1
141	15.0	12.7	19.1





#11

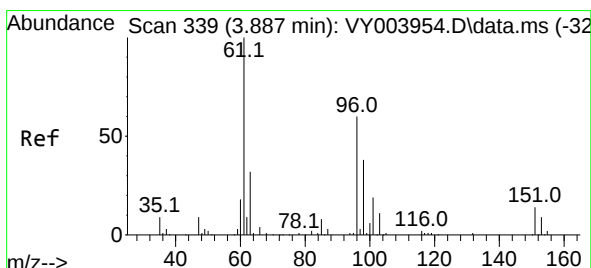
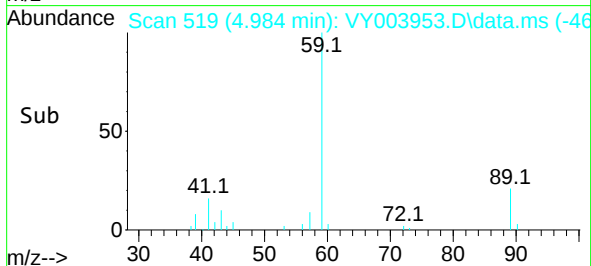
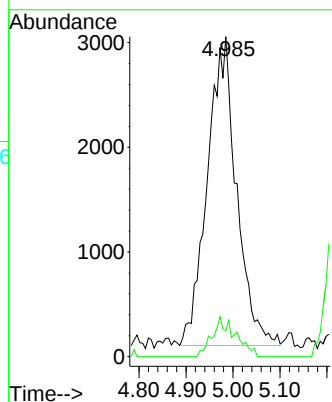
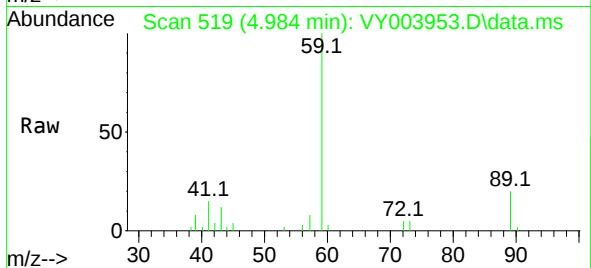
Tert butyl alcohol
Concen: 111.70 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 59 Resp: 12756
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

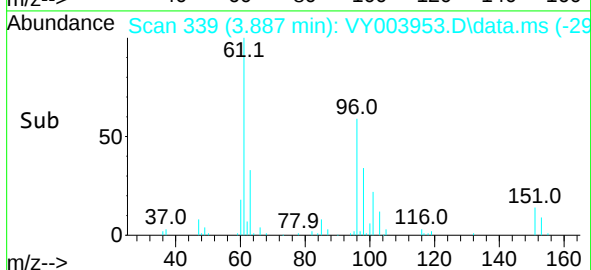
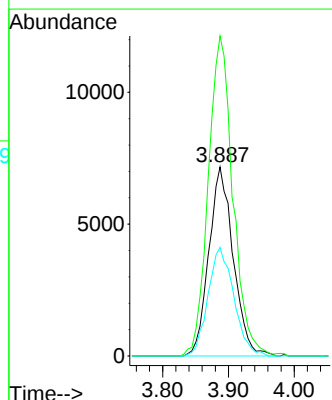
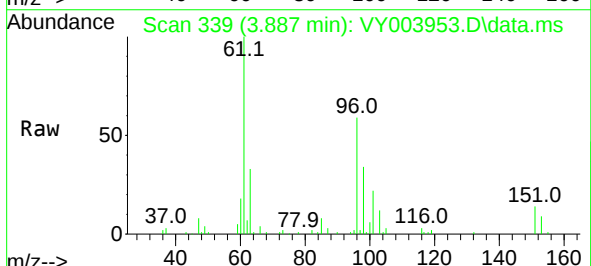
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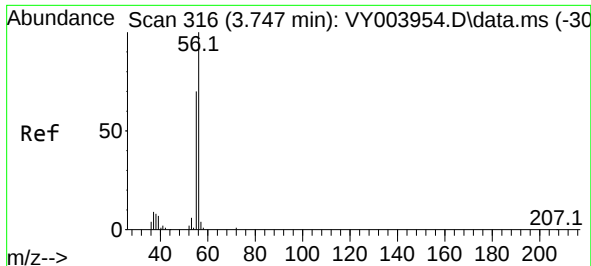


#12

1,1-Dichloroethene
Concen: 20.25 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

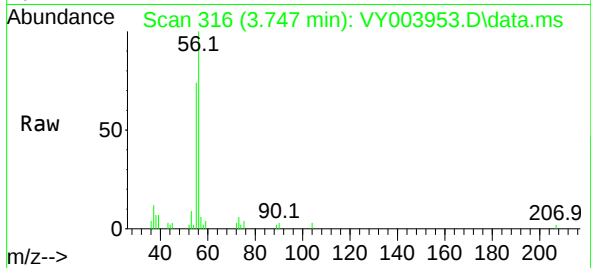
Tgt Ion: 96 Resp: 18490
Ion Ratio Lower Upper
96 100
61 169.4 132.9 199.3
98 57.4 48.6 73.0



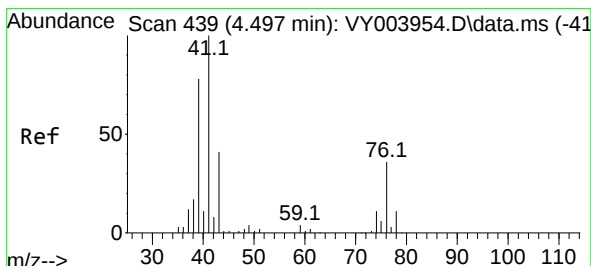
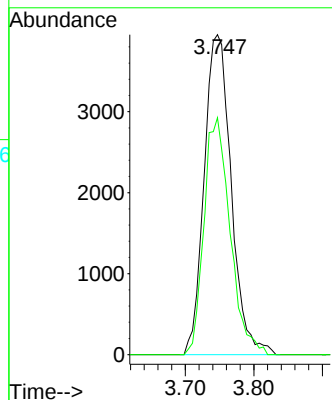
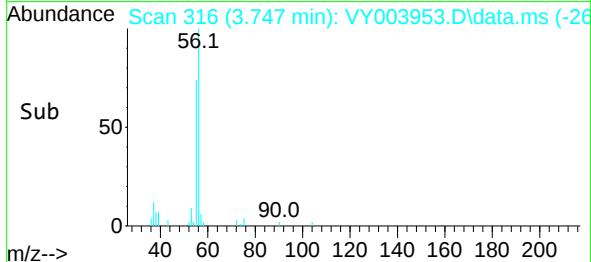


#13
Acrolein
Concen: 105.58 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

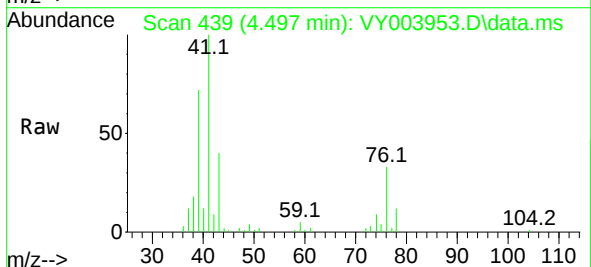
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



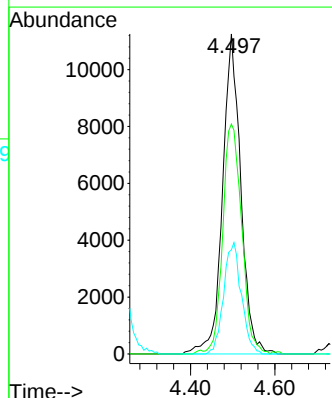
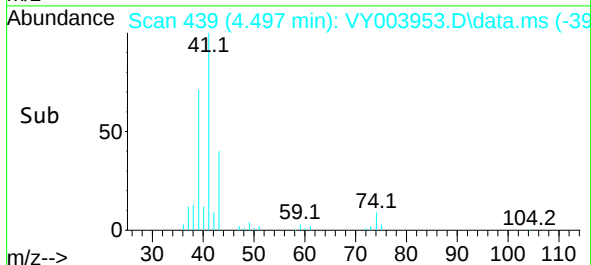
Tgt Ion: 56 Resp: 10829
Ion Ratio Lower Upper
56 100
55 71.5 55.0 82.4

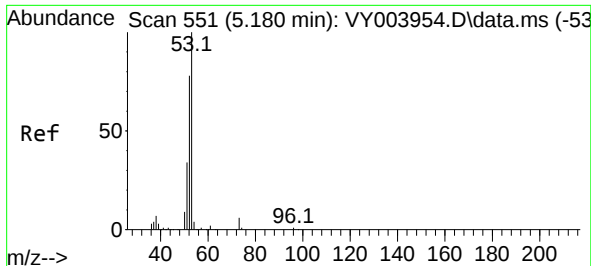


#14
Allyl chloride
Concen: 20.01 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

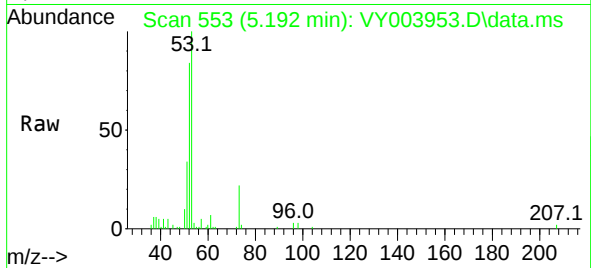


Tgt Ion: 41 Resp: 33653
Ion Ratio Lower Upper
41 100
39 74.9 55.2 82.8
76 33.8 25.0 37.4

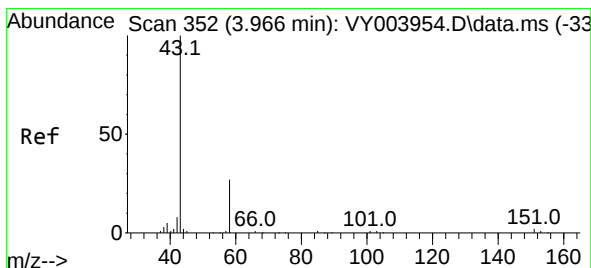
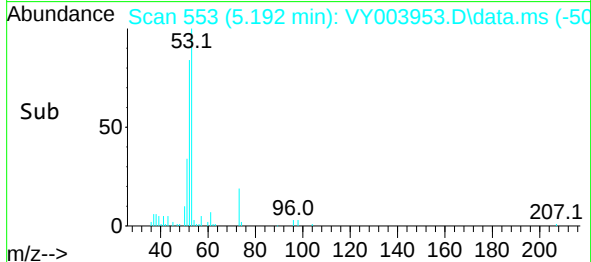
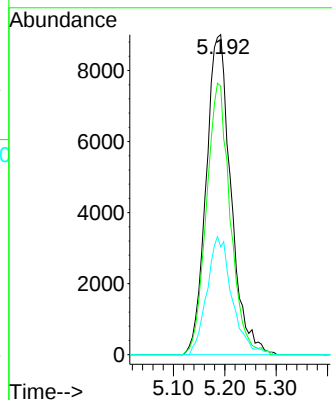




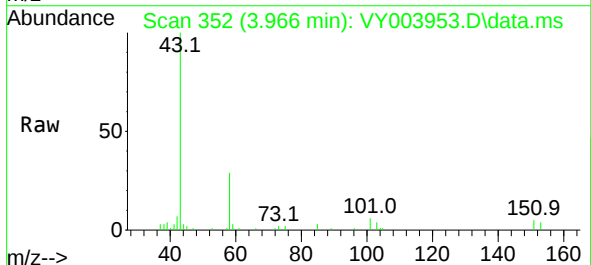
#15
Acrylonitrile
Concen: 103.83 ug/l
RT: 5.192 min Scan# 553
Delta R.T. 0.012 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



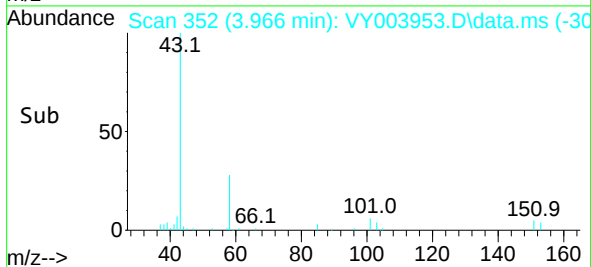
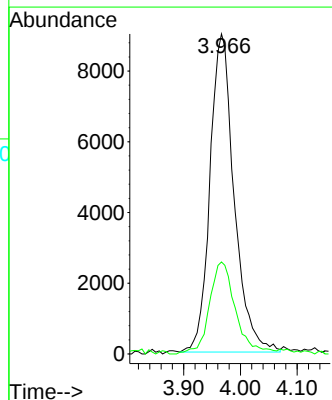
Tgt Ion:	53	Resp:	30169
Ion	Ratio	Lower	Upper
53	100		
52	81.6	67.1	100.7
51	37.4	29.3	43.9



#16
Acetone
Concen: 97.64 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



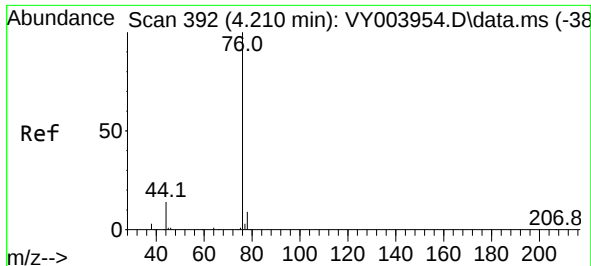
Tgt Ion:	43	Resp:	26665
Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.4	35.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

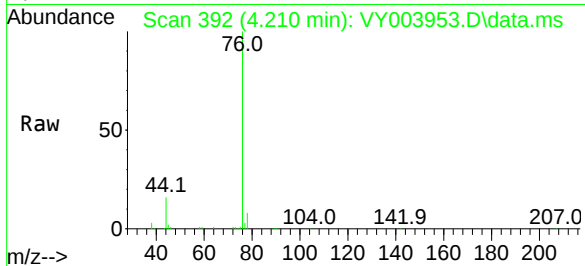
Manual Integrations
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#17
Carbon Disulfide
Concen: 19.95 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

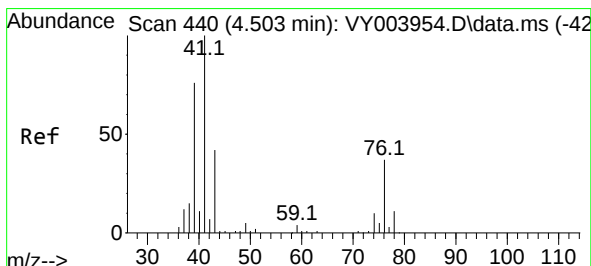
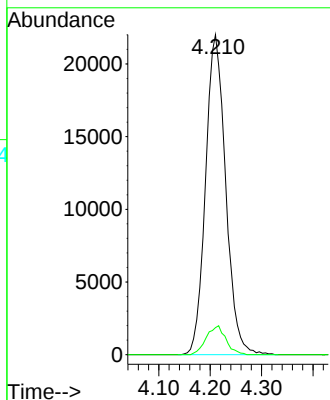
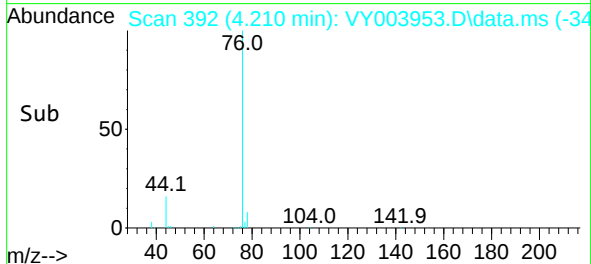
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



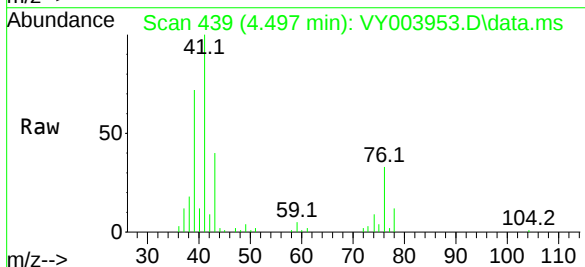
Tgt Ion: 76 Resp: 59876
Ion Ratio Lower Upper
76 100
78 8.4 6.3 9.5

Manual Integrations
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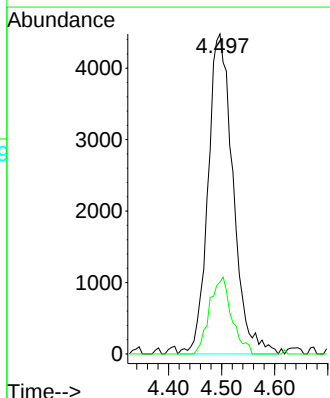
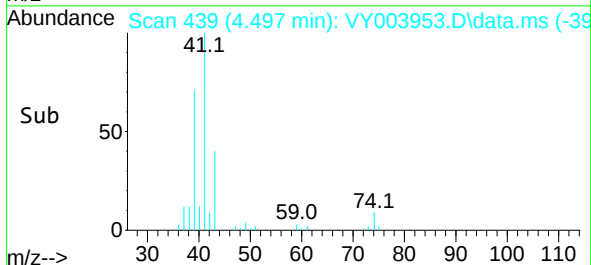
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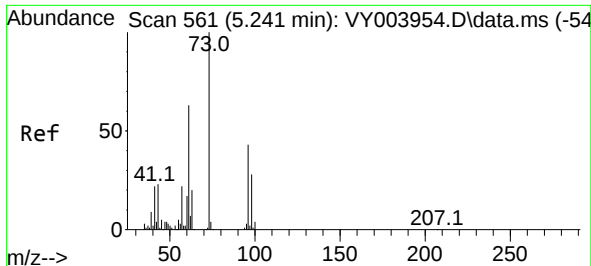


#18
Methyl Acetate
Concen: 21.54 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion: 43 Resp: 14662
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1





#19

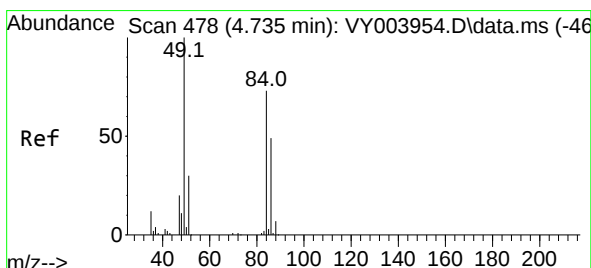
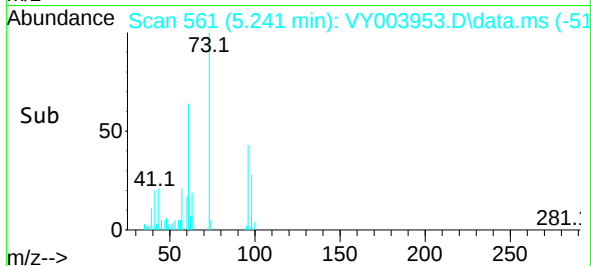
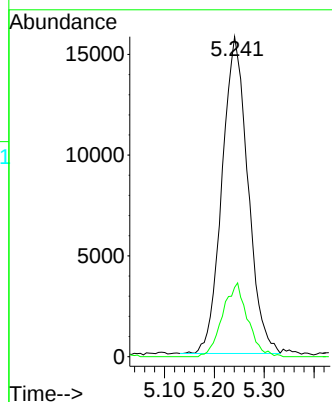
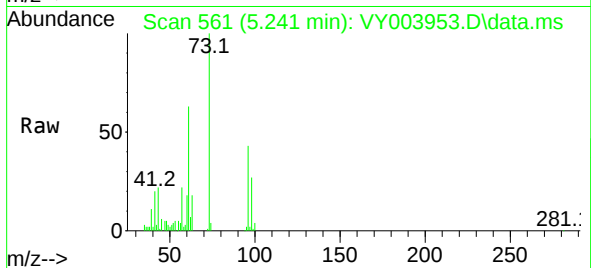
Methyl tert-butyl Ether
Concen: 20.30 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 73 Resp: 56617
Ion Ratio Lower Upper
73 100
57 21.9 19.0 28.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

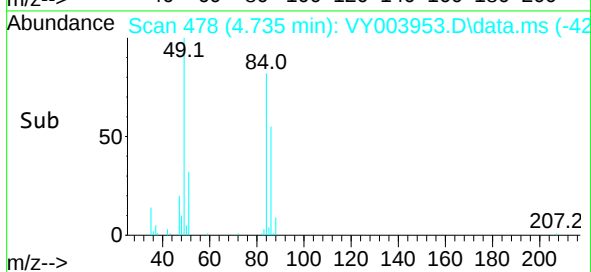
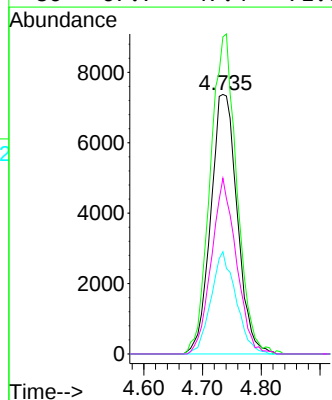
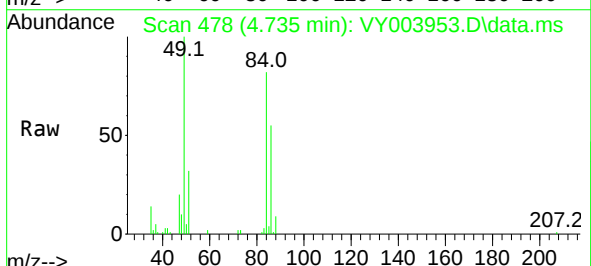
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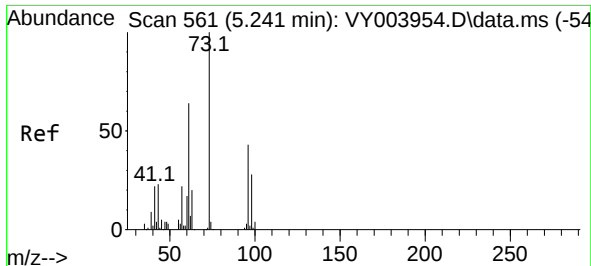


#20

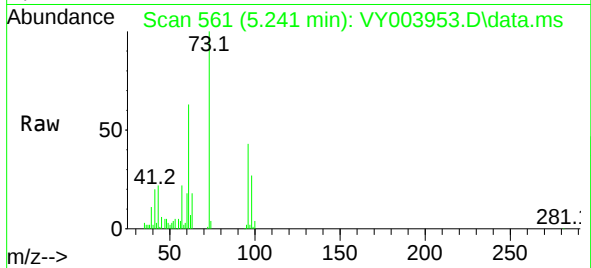
Methylene Chloride
Concen: 19.92 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 84 Resp: 23101
Ion Ratio Lower Upper
84 100
49 122.2 107.0 160.4
51 39.4 31.9 47.9
86 67.7 47.4 71.0



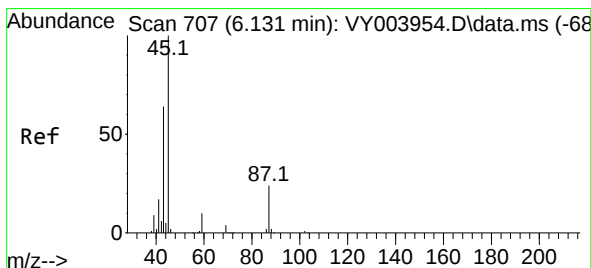
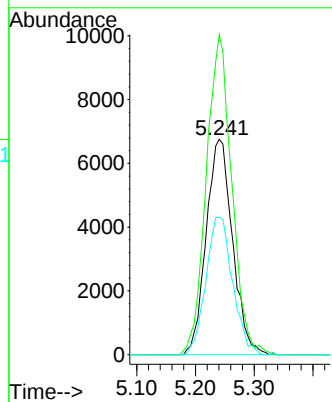
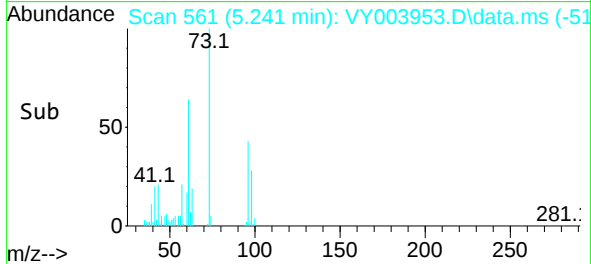


#21
trans-1,2-Dichloroethene
Concen: 20.01 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

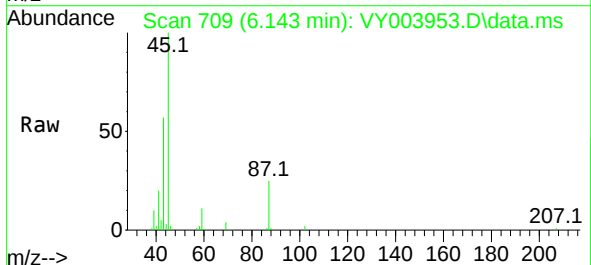


Tgt Ion: 96 Resp: 21027

Ion	Ratio	Lower	Upper
96	100		
61	148.6	122.1	183.1
98	63.8	51.4	77.0

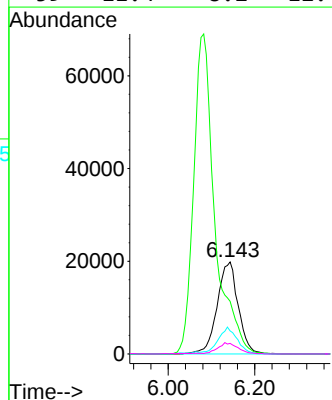
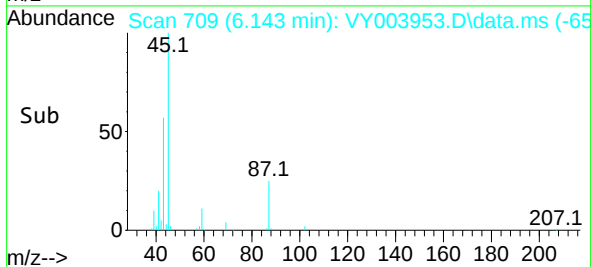


#22
Diisopropyl ether
Concen: 20.05 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion: 45 Resp: 67074

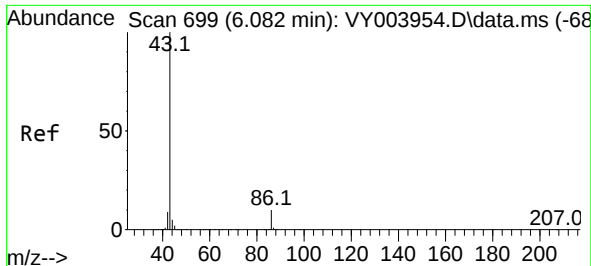
Ion	Ratio	Lower	Upper
45	100		
43	56.9	45.9	68.9
87	25.0	19.4	29.0
59	11.4	8.2	12.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

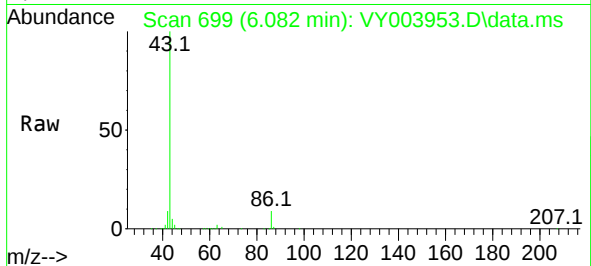
Manual Integrations
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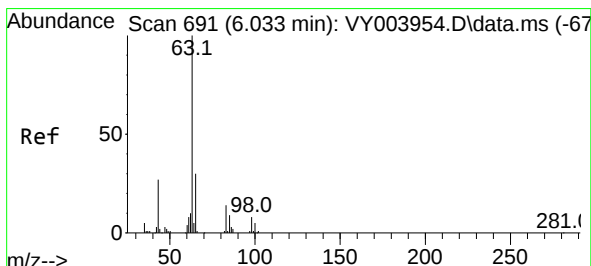
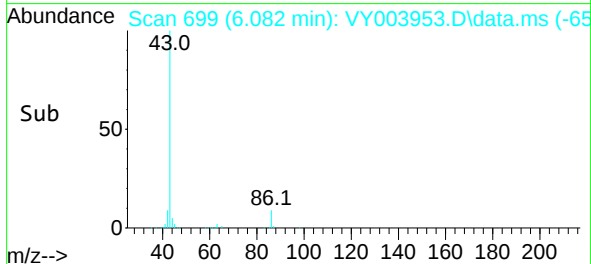
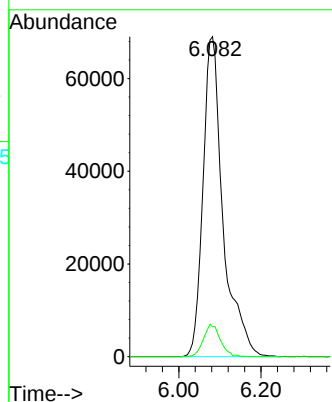


#23
 Vinyl Acetate
 Concen: 102.41 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VY003953.D
 Acq: 28 Jan 2021 12:46

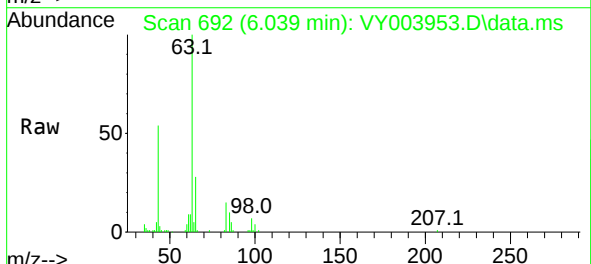
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



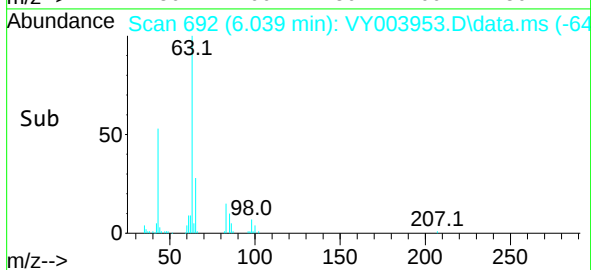
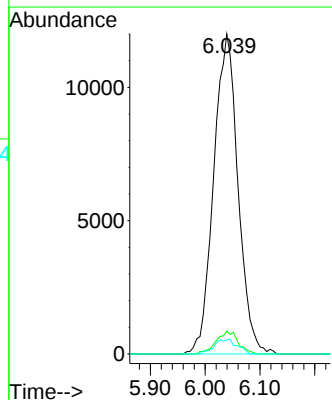
Tgt Ion: 43 Resp: 233468
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7

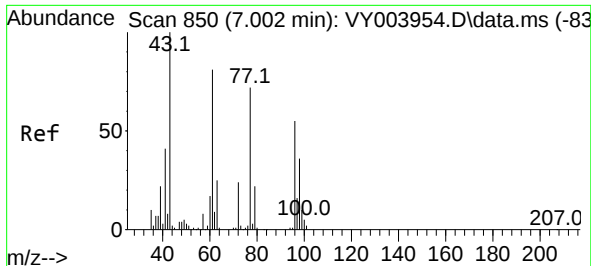


#24
 1,1-Dichloroethane
 Concen: 19.97 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY003953.D
 Acq: 28 Jan 2021 12:46



Tgt Ion: 63 Resp: 37032
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.4 2.5 7.4





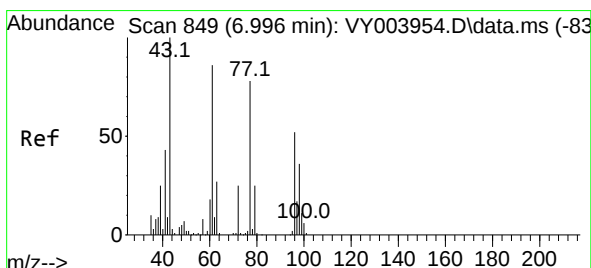
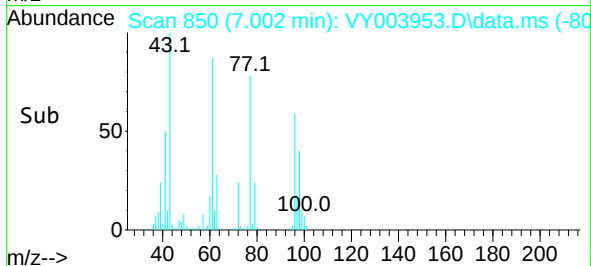
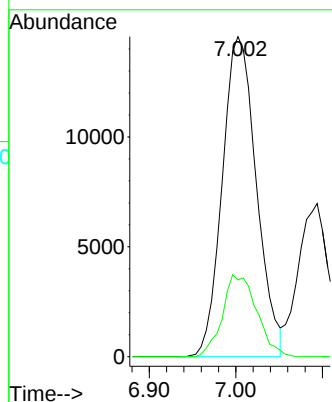
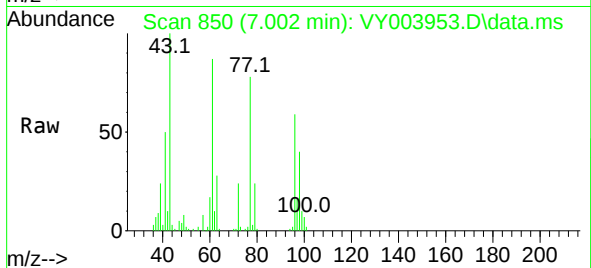
#25
2-Butanone
Concen: 102.44 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 43 Resp: 39862
Ion Ratio Lower Upper
43 100
72 24.0 18.5 27.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

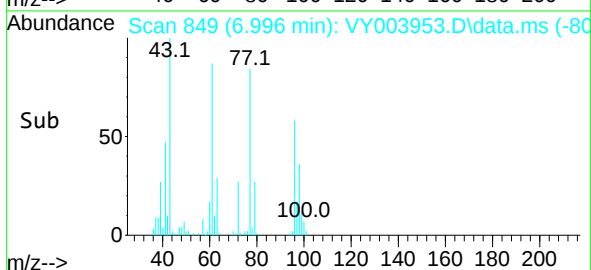
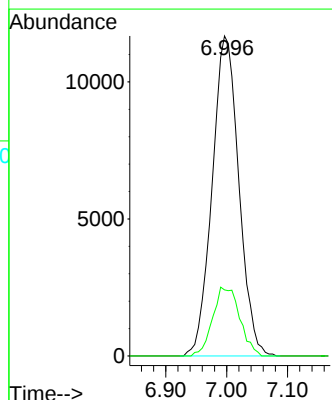
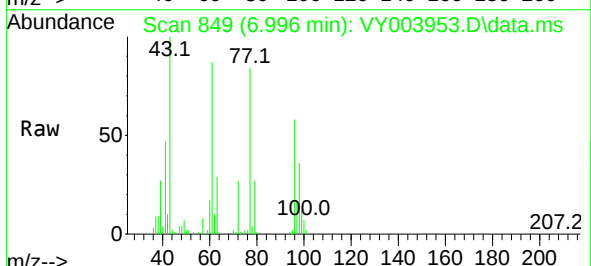
Manual Integrations
APPROVED

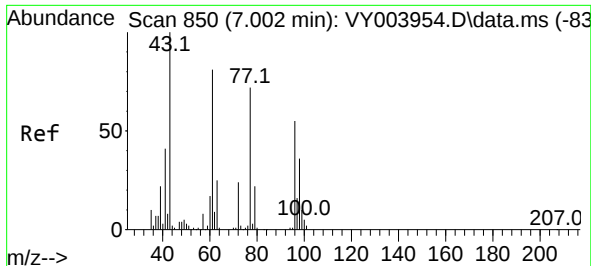
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#26
2,2-Dichloropropane
Concen: 20.12 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 77 Resp: 35558
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 19.74 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY003953.D

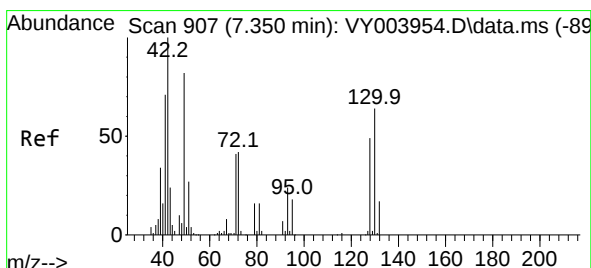
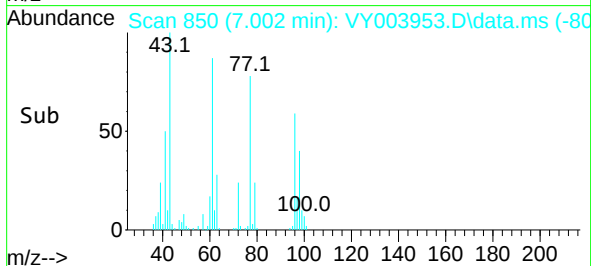
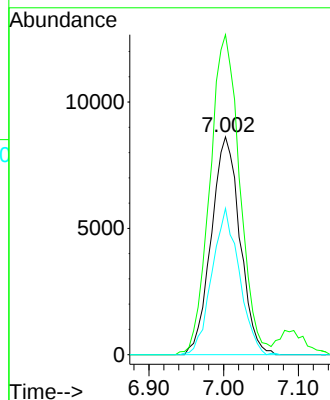
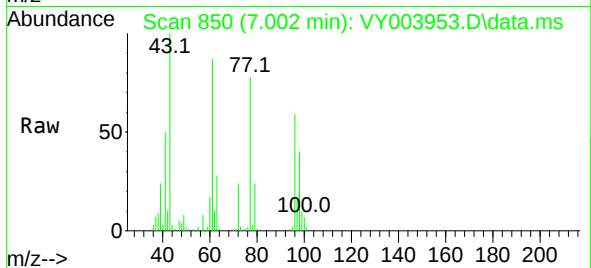
Acq: 28 Jan 2021 12:46

Tgt Ion:	96	Resp:	23021
Ion	Ratio	Lower	Upper
96	100		
61	152.7	0.0	306.6
98	64.0	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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#28

Bromochloromethane

Concen: 18.09 ug/l

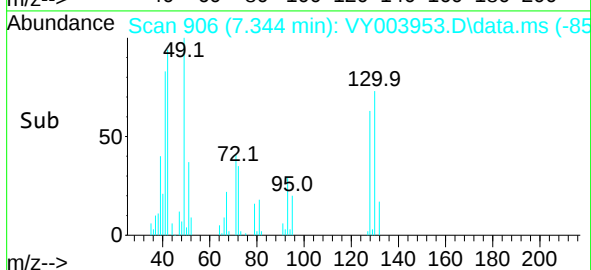
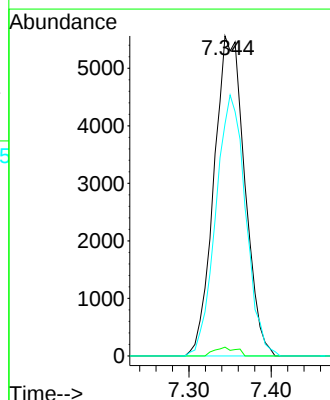
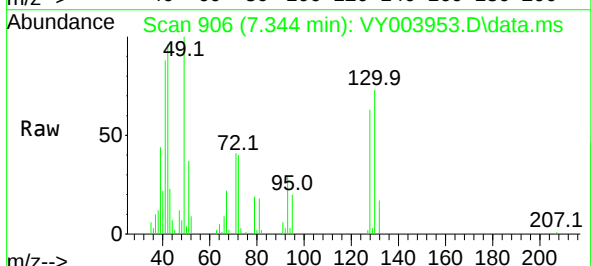
RT: 7.344 min Scan# 906

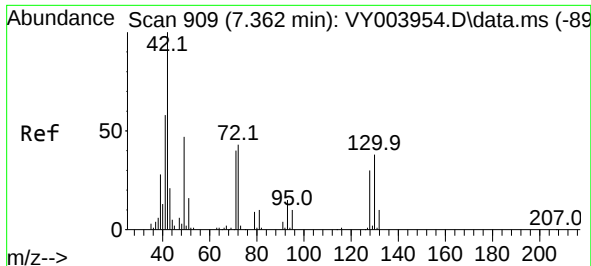
Delta R.T. -0.006 min

Lab File: VY003953.D

Acq: 28 Jan 2021 12:46

Tgt Ion:	49	Resp:	14453
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	79.3	53.7	80.5





#29

Tetrahydrofuran

Concen: 104.47 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY003953.D

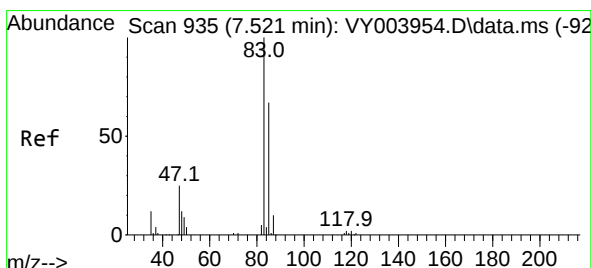
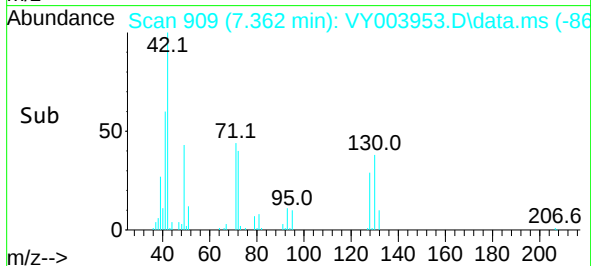
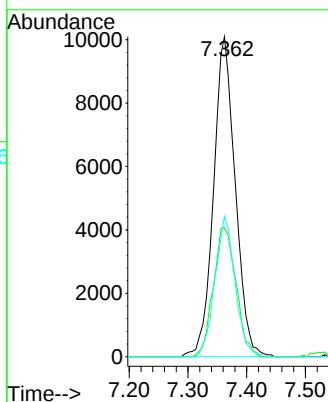
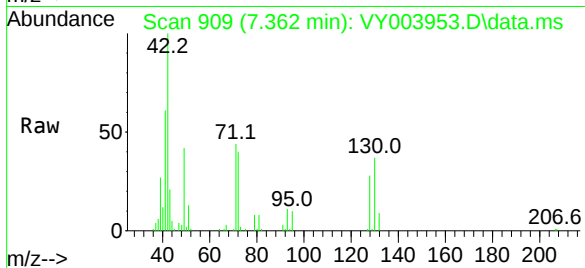
Acq: 28 Jan 2021 12:46

Tgt Ion:	42	Resp:	25910
Ion	Ratio	Lower	Upper
42	100		
72	42.3	30.6	45.8
71	40.8	28.6	43.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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#30

Chloroform

Concen: 19.72 ug/l

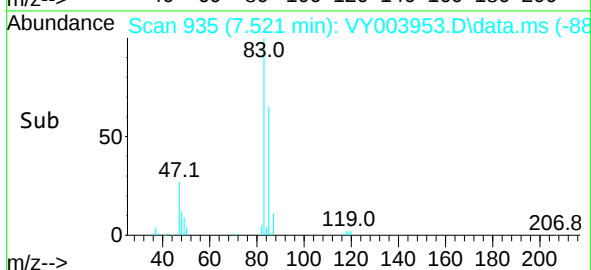
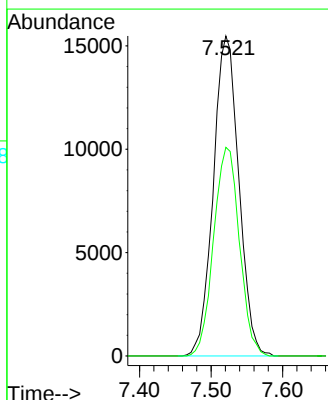
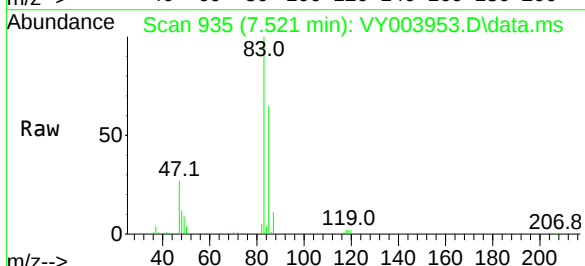
RT: 7.521 min Scan# 935

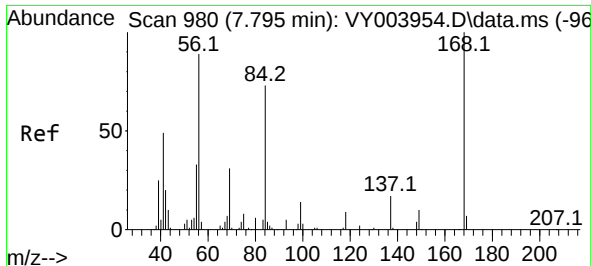
Delta R.T. 0.000 min

Lab File: VY003953.D

Acq: 28 Jan 2021 12:46

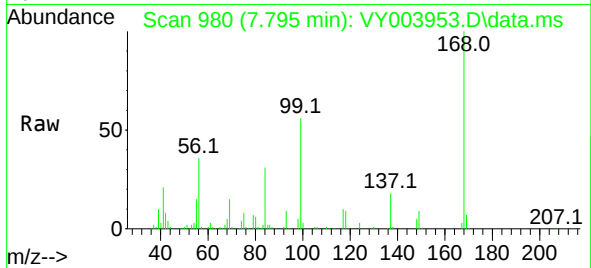
Tgt Ion:	83	Resp:	38432
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.7	77.5





#31
Cyclohexane
Concen: 19.67 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

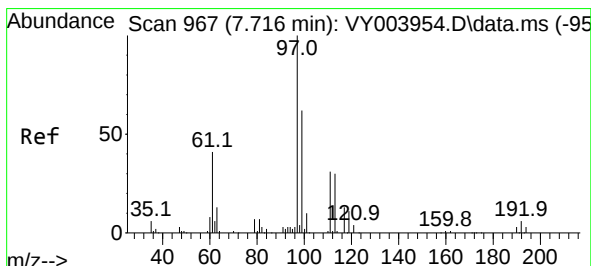
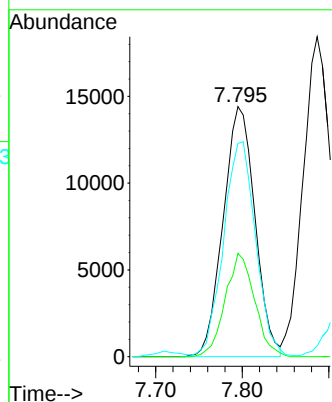
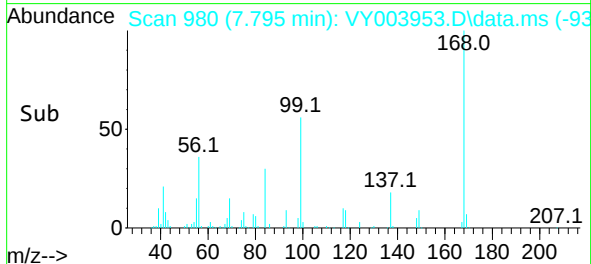
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



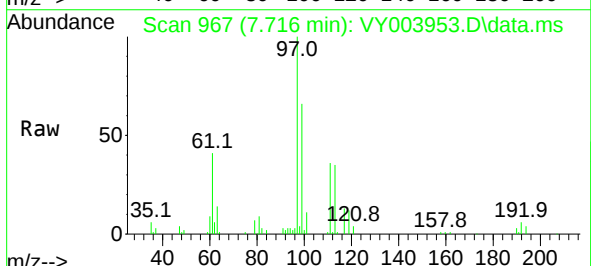
Tgt Ion: 56 Resp: 36739
Ion Ratio Lower Upper
56 100
69 41.3 25.0 37.4#
84 84.0 64.5 96.7

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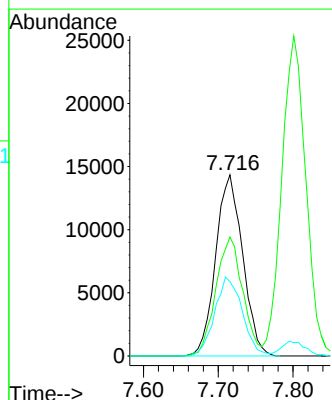
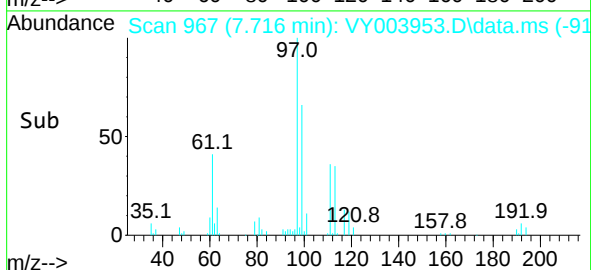
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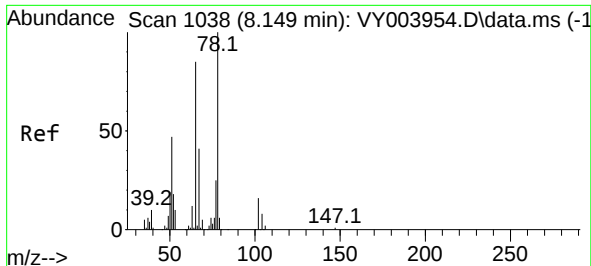


#32
1,1,1-Trichloroethane
Concen: 20.02 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion: 97 Resp: 35998
Ion Ratio Lower Upper
97 100
99 65.7 50.6 75.8
61 44.5 36.4 54.6





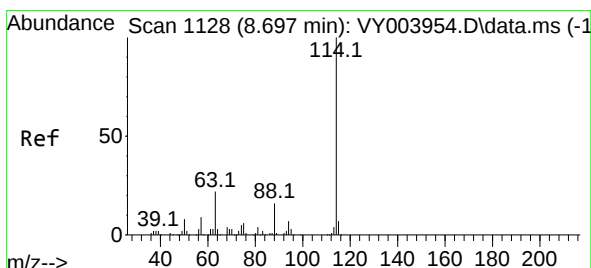
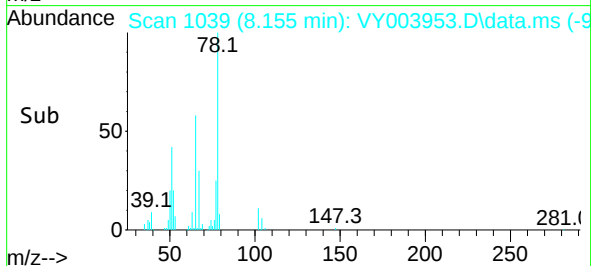
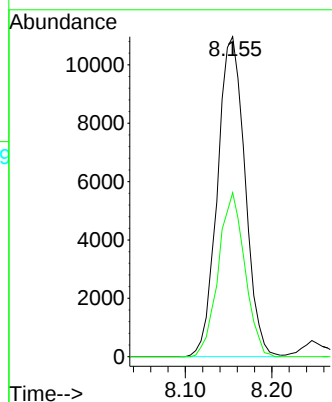
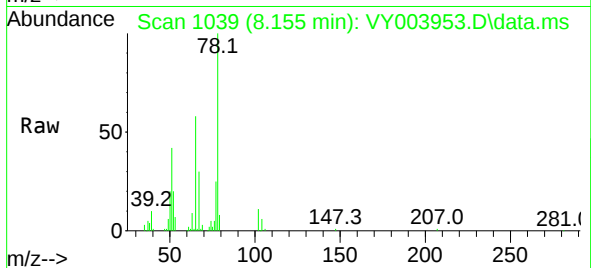
#33
1,2-Dichloroethane-d4
Concen: 21.77 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 65 Resp: 24226
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

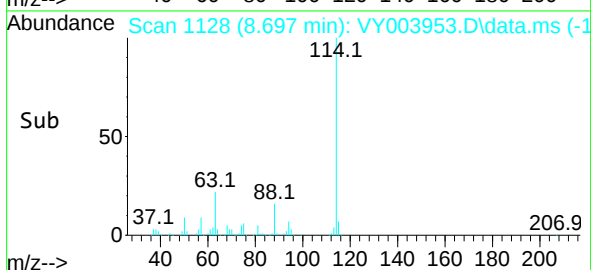
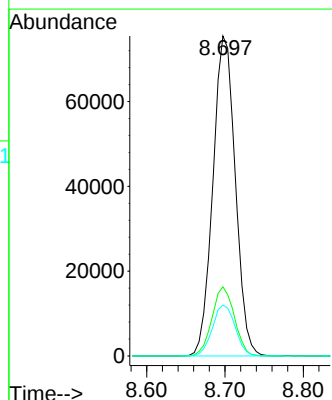
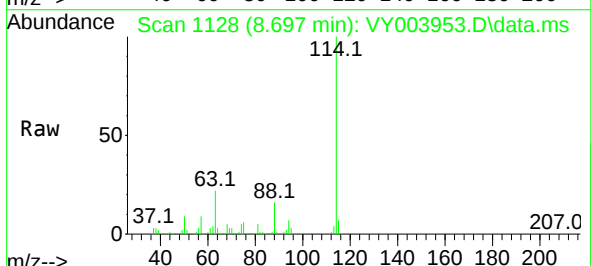
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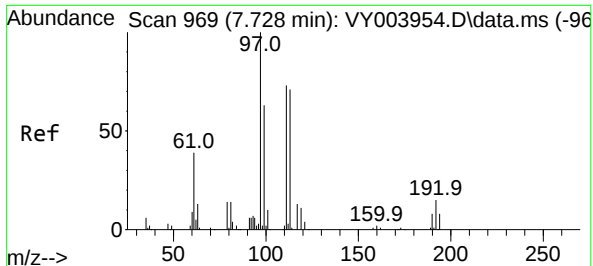
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 114 Resp: 150068
Ion Ratio Lower Upper
114 100
63 21.6 0.0 47.2
88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 21.49 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003953.D

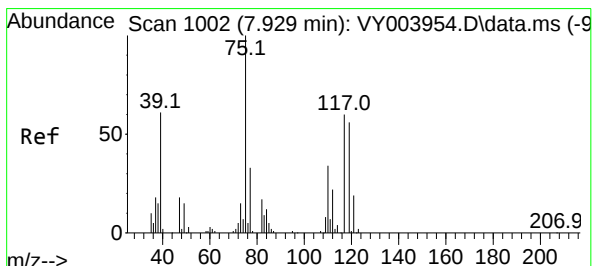
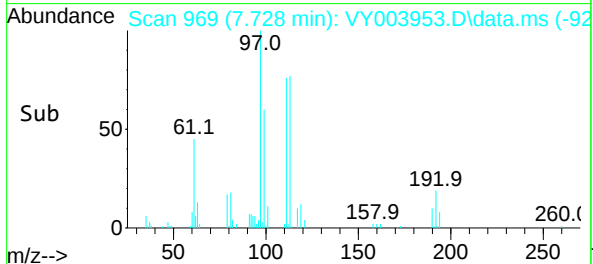
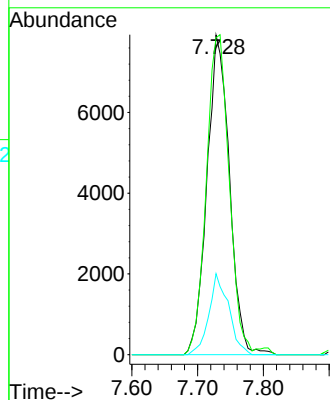
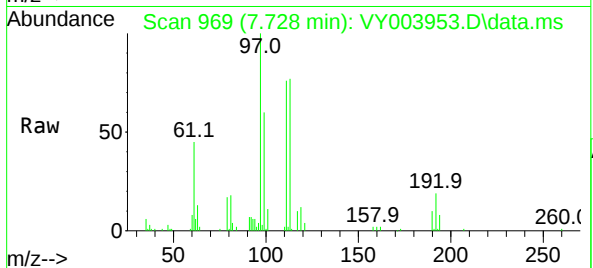
Acq: 28 Jan 2021 12:46

Tgt Ion:	113	Resp:	18854
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	22.3	18.3	27.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.03 ug/l

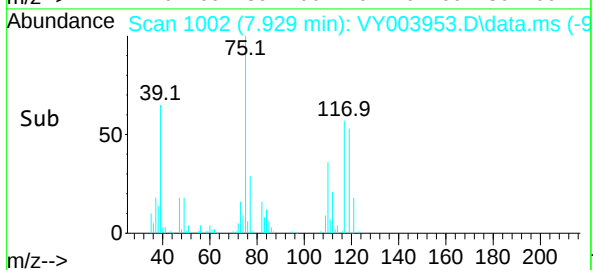
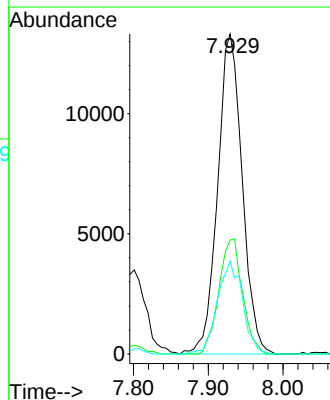
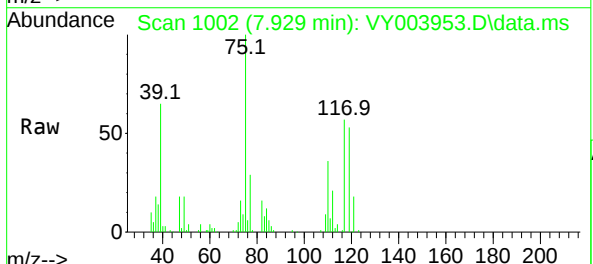
RT: 7.929 min Scan# 1002

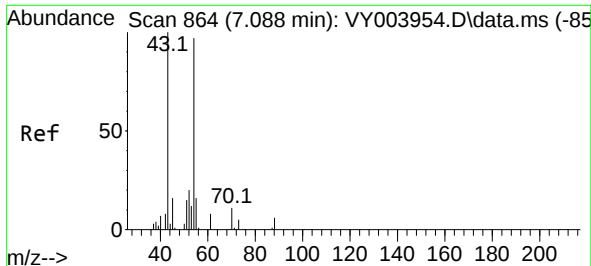
Delta R.T. 0.000 min

Lab File: VY003953.D

Acq: 28 Jan 2021 12:46

Tgt Ion:	75	Resp:	30402
Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.9	53.8
77	29.8	24.8	37.2





#37
Ethyl Acetate
Concen: 21.33 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

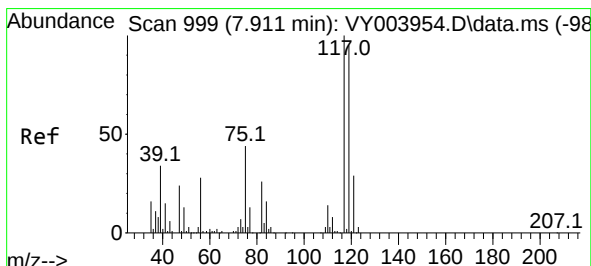
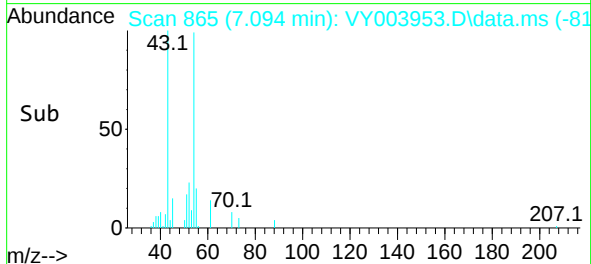
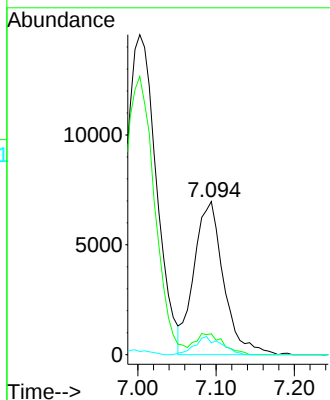
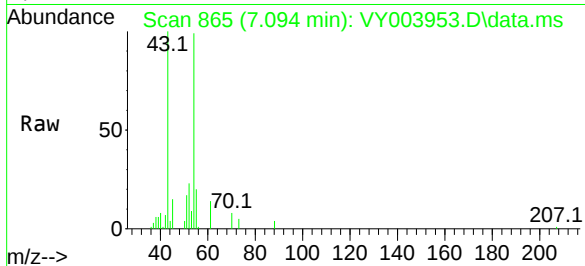
Tgt Ion: 43 Resp: 18312

Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.5	14.3
70	10.6	7.7	11.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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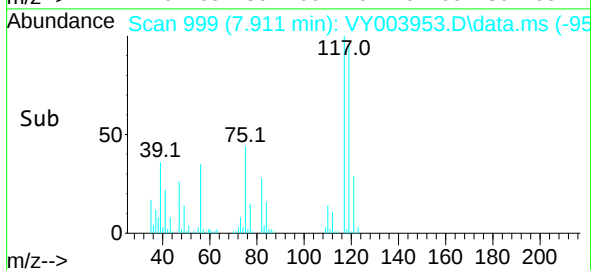
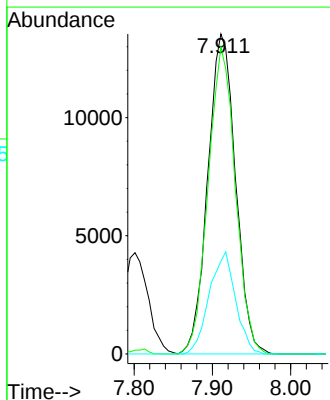
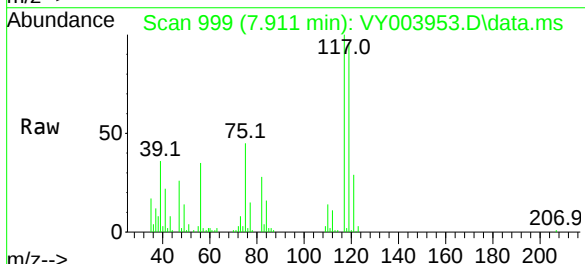
SAM
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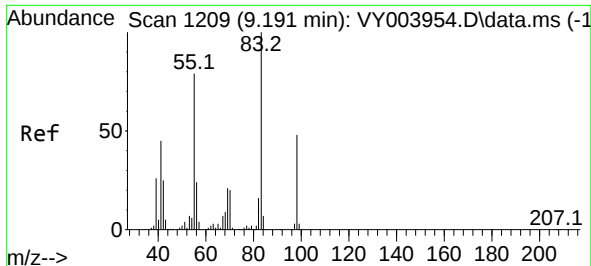


#38
Carbon Tetrachloride
Concen: 20.30 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 117 Resp: 33298

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
121	29.0	26.1	39.1





#39

Methylcyclohexane

Concen: 19.77 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY003953.D

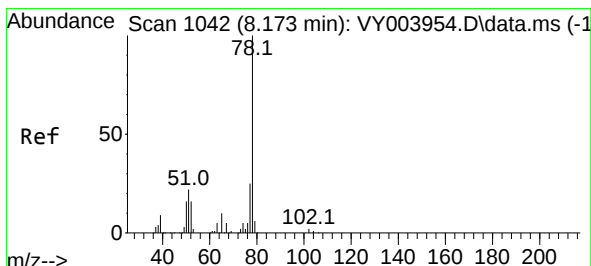
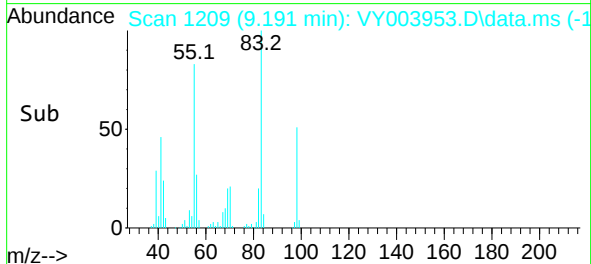
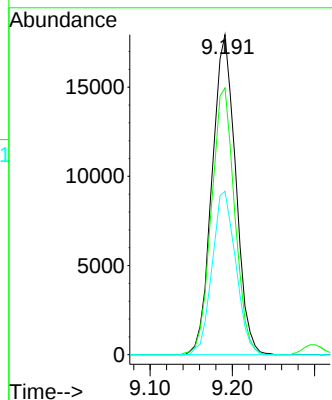
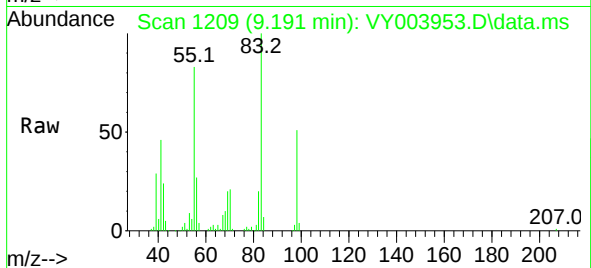
Acq: 28 Jan 2021 12:46

Tgt Ion:	83	Resp:	35772
Ion	Ratio	Lower	Upper
83	100		
55	83.4	65.8	98.6
98	51.1	38.3	57.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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#40

Benzene

Concen: 20.06 ug/l

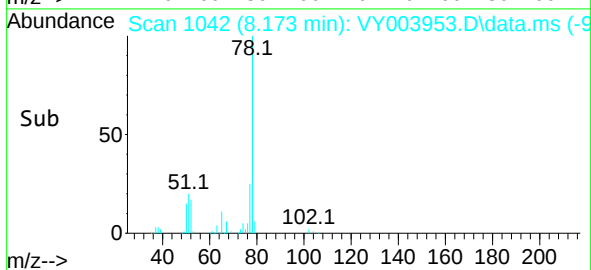
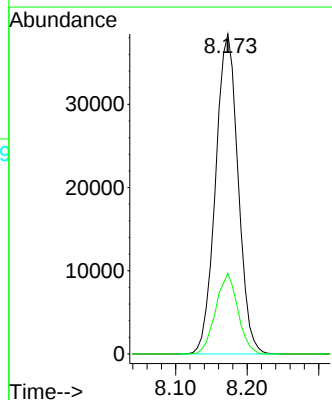
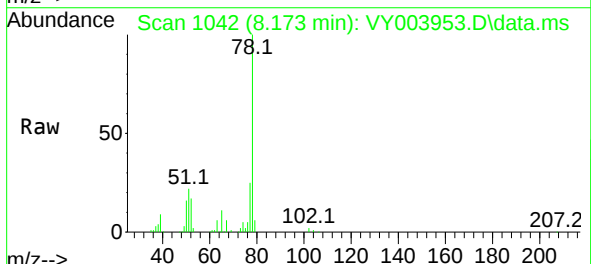
RT: 8.173 min Scan# 1042

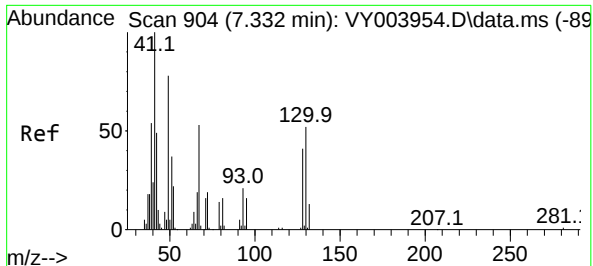
Delta R.T. 0.000 min

Lab File: VY003953.D

Acq: 28 Jan 2021 12:46

Tgt Ion:	78	Resp:	84185
Ion	Ratio	Lower	Upper
78	100		
77	25.2	20.4	30.6





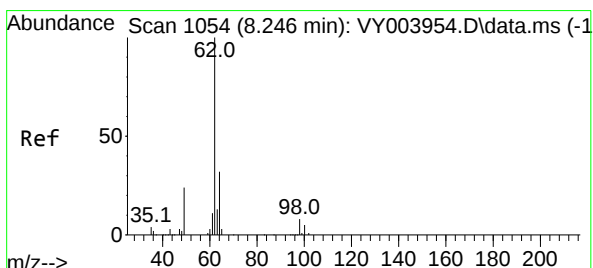
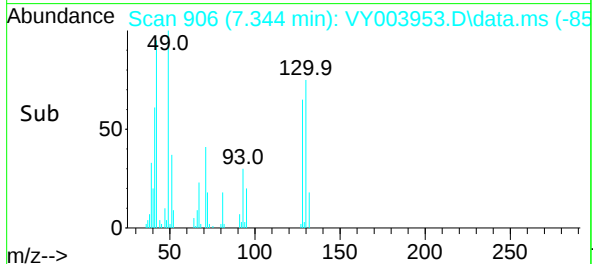
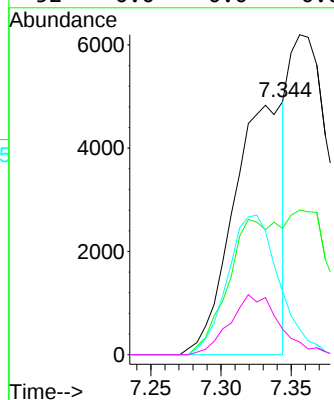
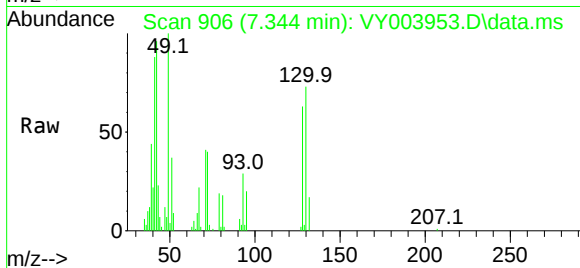
#41
Methacrylonitrile
Concen: 18.32 ug/l m
RT: 7.344 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 41 Resp: 12229
Ion Ratio Lower Upper
41 100
39 0.0 82.6 124.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

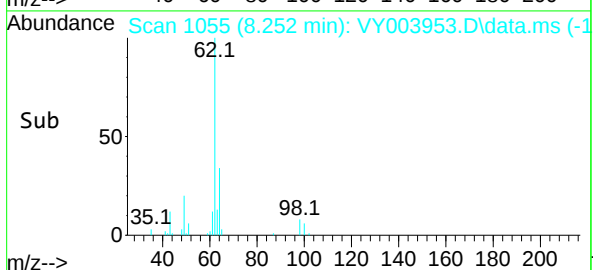
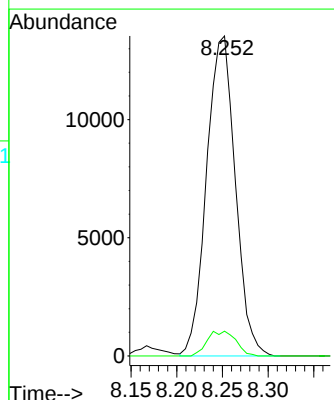
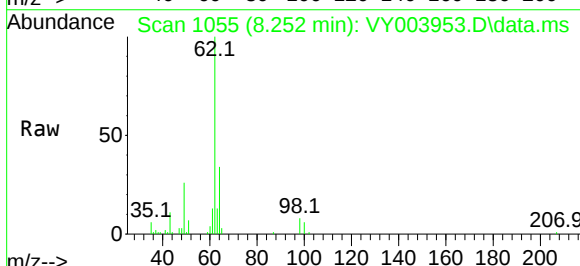
Manual Integrations
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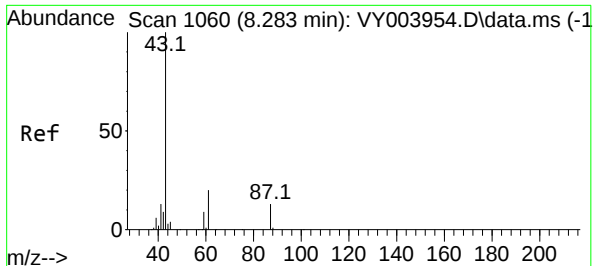
SAM
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#42
1,2-Dichloroethane
Concen: 20.49 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 62 Resp: 29591
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.0





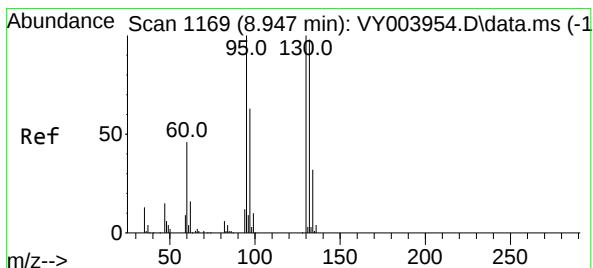
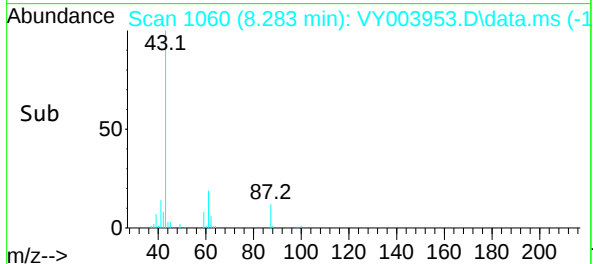
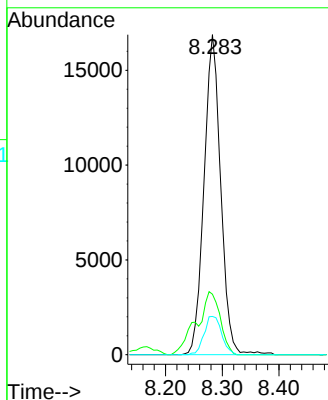
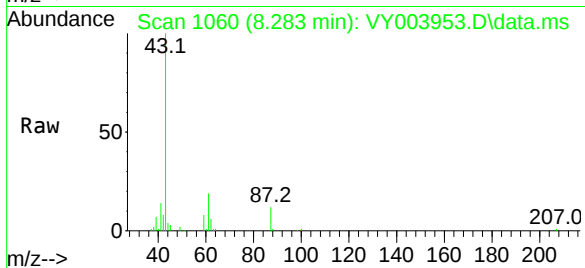
#43
Isopropyl Acetate
Concen: 20.61 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:	43	Resp:	34411
Ion Ratio	Lower	Upper	
43	100		
61	27.9	21.1	31.7
87	12.5	9.1	13.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

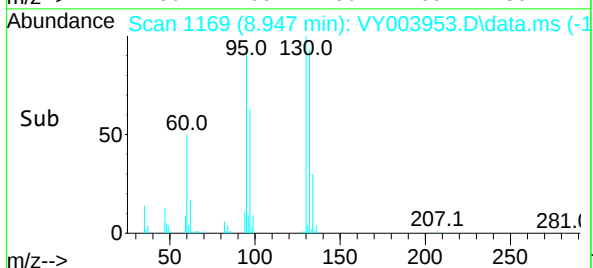
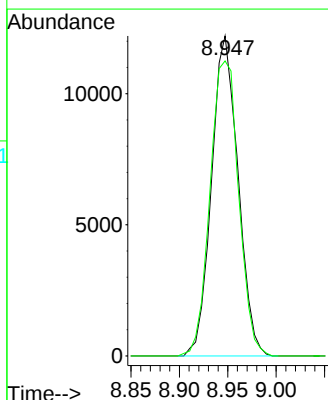
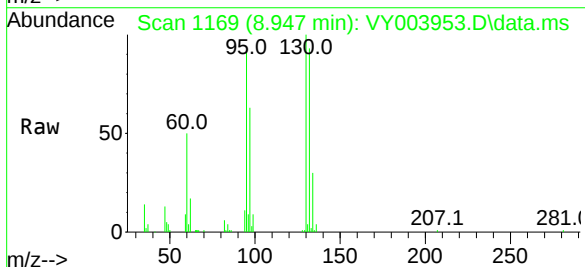
Manual Integrations
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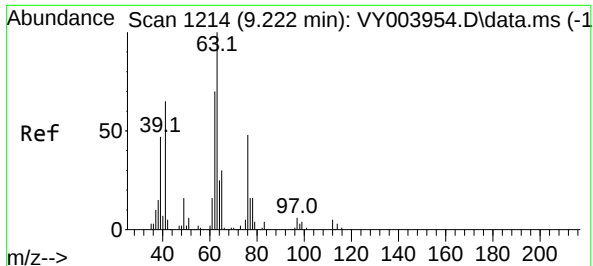
SAM
2/1/2021 3:35:28 PM



#44
Trichloroethene
Concen: 20.04 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:	130	Resp:	23234
Ion Ratio	Lower	Upper	
130	100		
95	92.2	0.0	199.4





#45

1,2-Dichloropropane

Concen: 19.60 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY003953.D

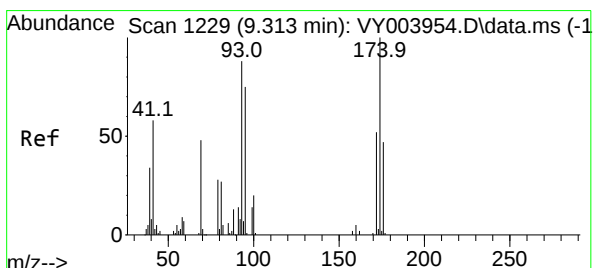
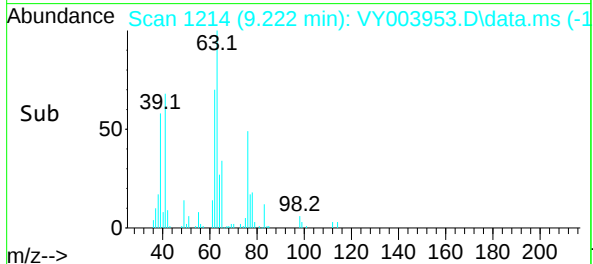
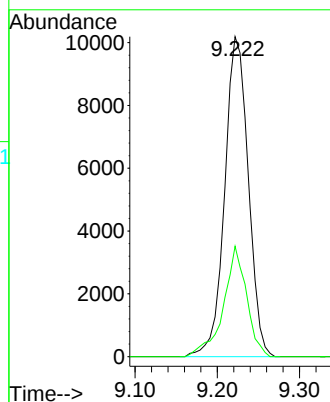
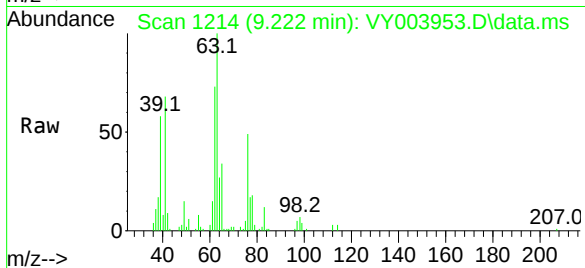
Acq: 28 Jan 2021 12:46

Tgt Ion: 63 Resp: 20356

Ion Ratio Lower Upper

63 100

65 34.5 24.4 36.6



#46

Dibromomethane

Concen: 20.47 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY003953.D

Acq: 28 Jan 2021 12:46

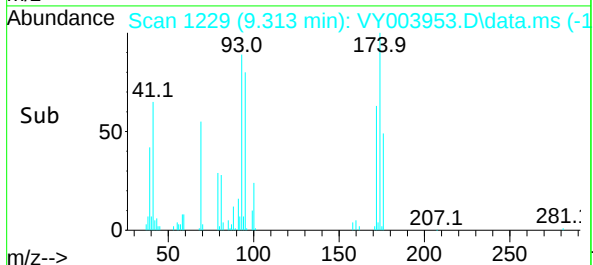
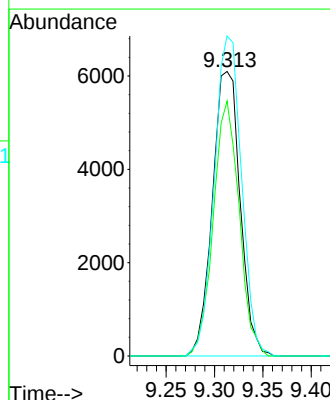
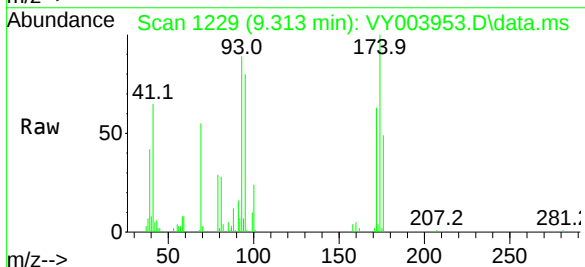
Tgt Ion: 93 Resp: 12146

Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

174 110.5 82.2 123.2



Instrument :

MSVOA_Y

ClientSampleId :

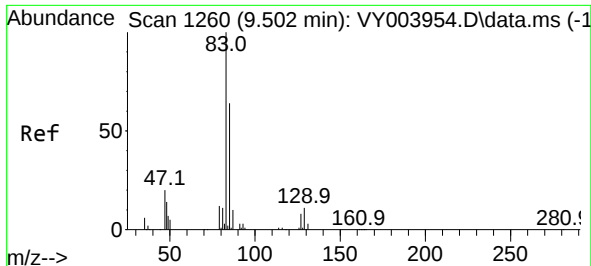
VSTDIC020

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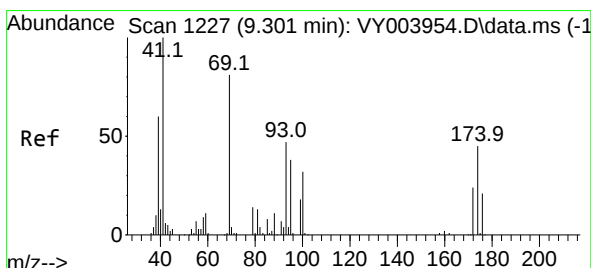
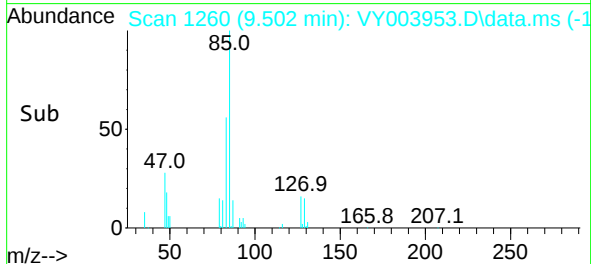
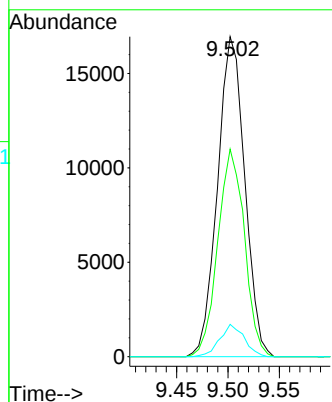
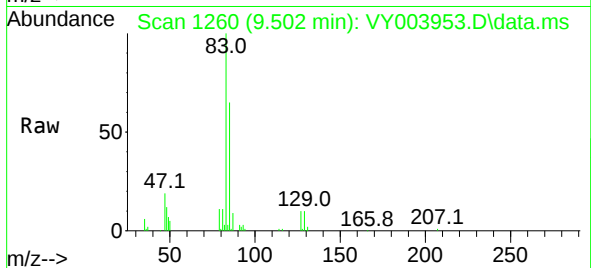
#47
Bromodichloromethane
Concen: 20.33 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 83 Resp: 31208
Ion Ratio Lower Upper
83 100
85 64.8 49.2 73.8
127 10.1 6.7 10.1#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

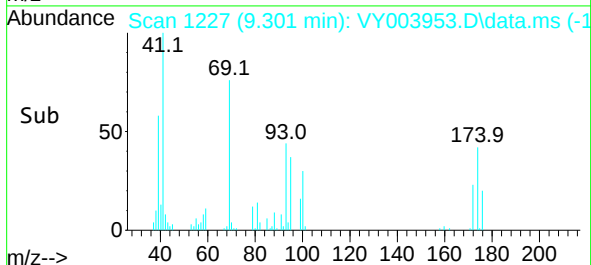
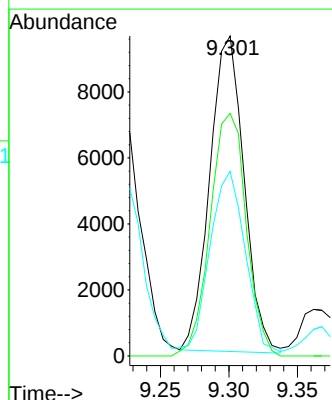
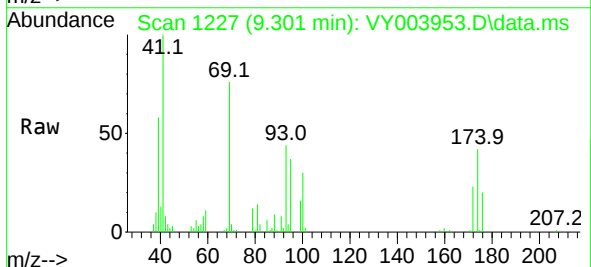
Manual Integrations
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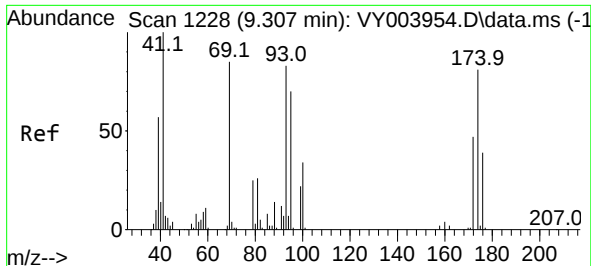
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#48
Methyl methacrylate
Concen: 20.38 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 41 Resp: 16631
Ion Ratio Lower Upper
41 100
69 80.9 60.8 91.2
39 58.1 48.2 72.2





#49

1,4-Dioxane

Concen: 416.40 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY003953.D

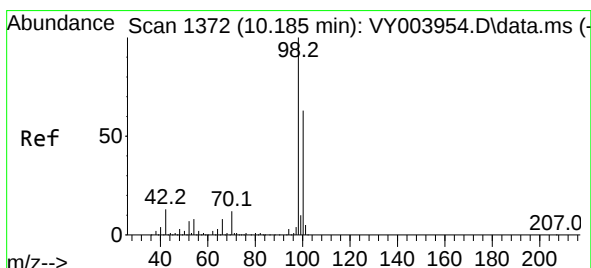
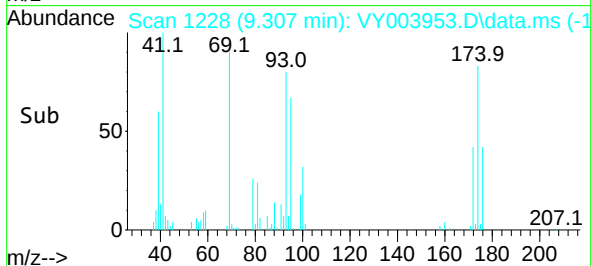
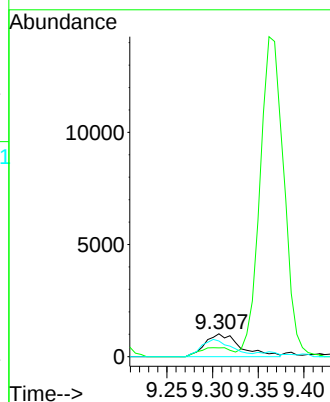
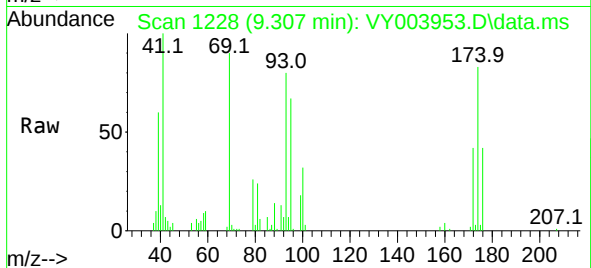
Acq: 28 Jan 2021 12:46

Tgt Ion:	88	Resp:	2742
Ion	Ratio	Lower	Upper
88	100		
43	35.6	32.6	48.8
58	64.8	60.2	90.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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#50

Toluene-d8

Concen: 21.04 ug/l

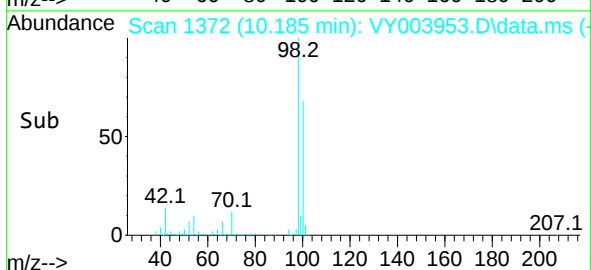
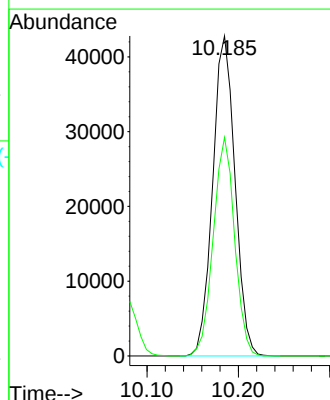
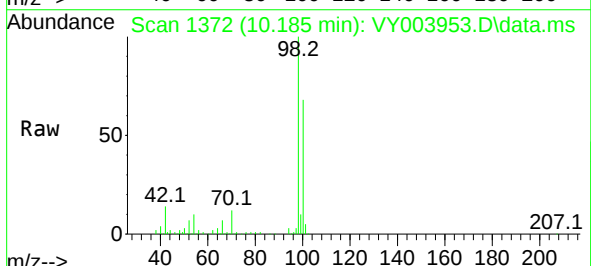
RT: 10.185 min Scan# 1372

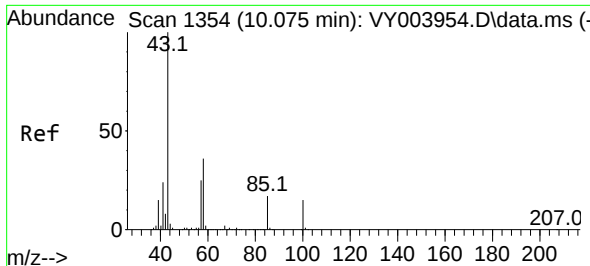
Delta R.T. 0.000 min

Lab File: VY003953.D

Acq: 28 Jan 2021 12:46

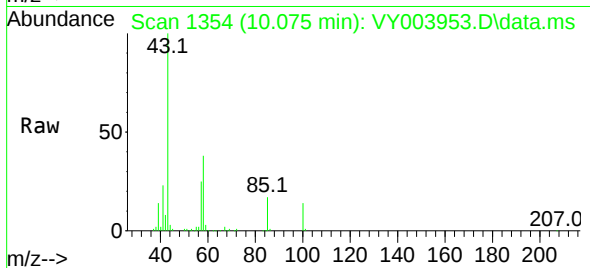
Tgt Ion:	98	Resp:	72453
Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.5	75.7





#51
4-Methyl-2-Pentanone
Concen: 105.91 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

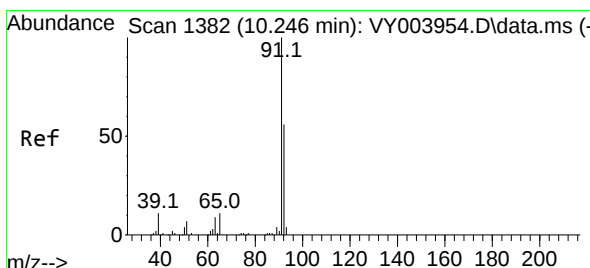
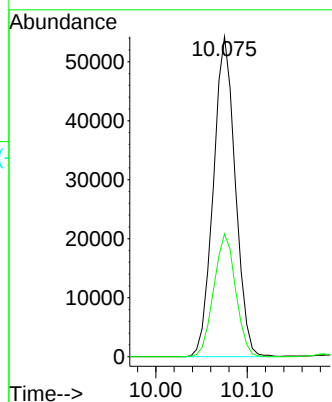
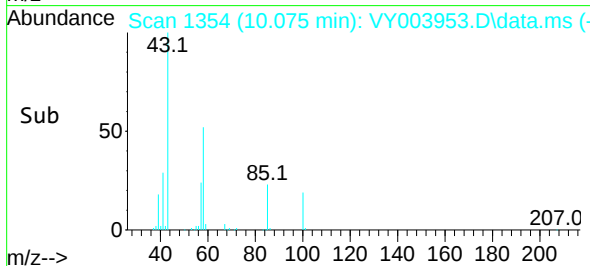
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



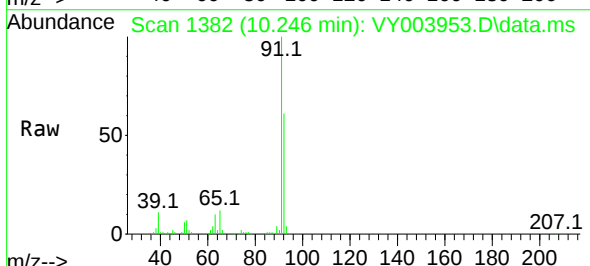
Tgt Ion: 43 Resp: 90338
Ion Ratio Lower Upper
43 100
58 38.2 28.6 42.8

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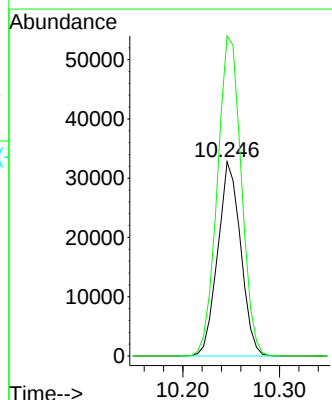
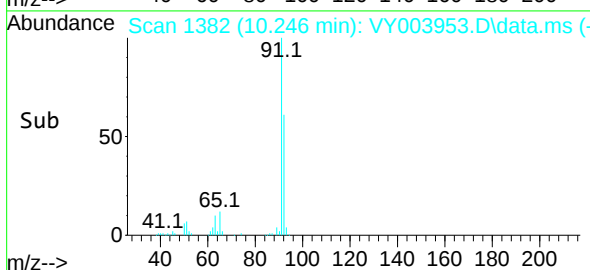
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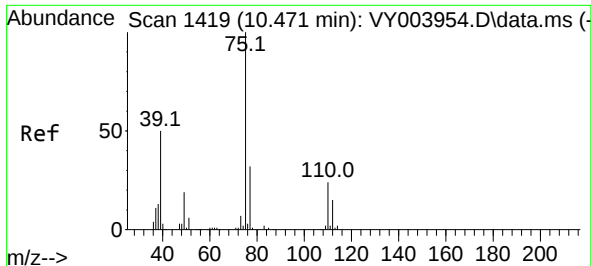


#52
Toluene
Concen: 20.33 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

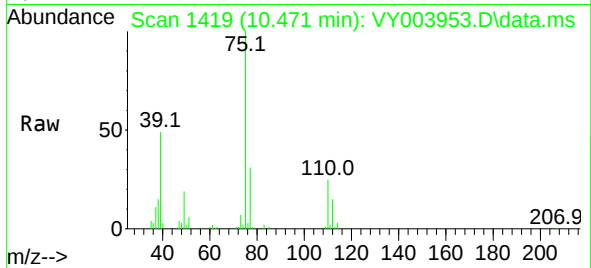


Tgt Ion: 92 Resp: 53842
Ion Ratio Lower Upper
92 100
91 172.5 142.7 214.1

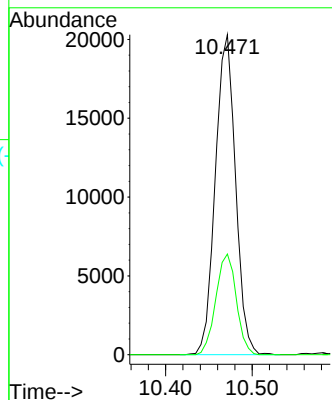




#53
t-1,3-Dichloropropene
Concen: 20.32 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



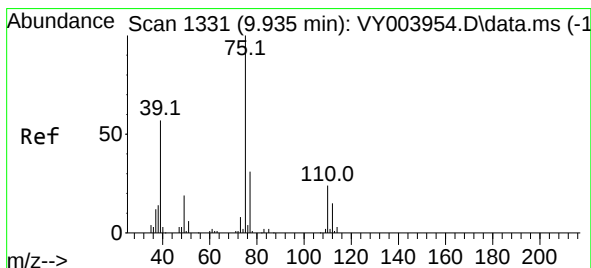
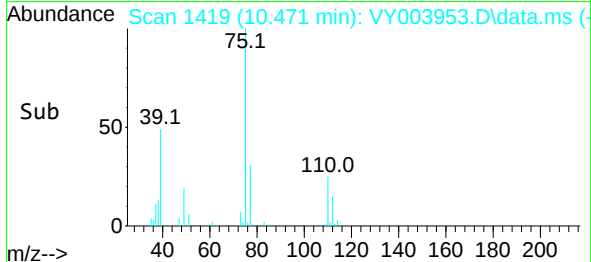
Tgt Ion: 75 Resp: 32853
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8



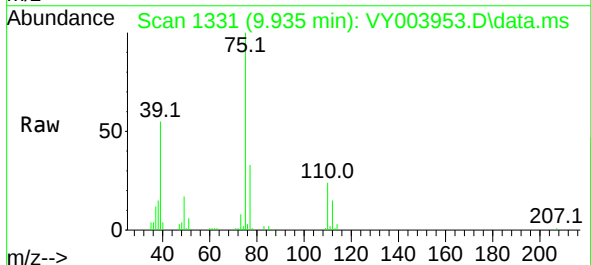
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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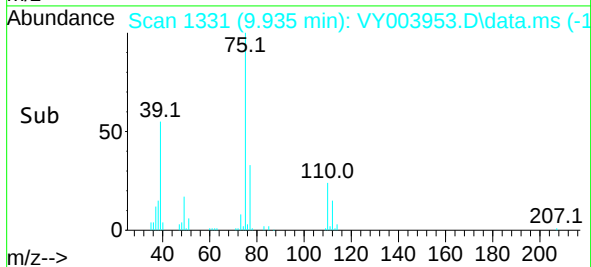
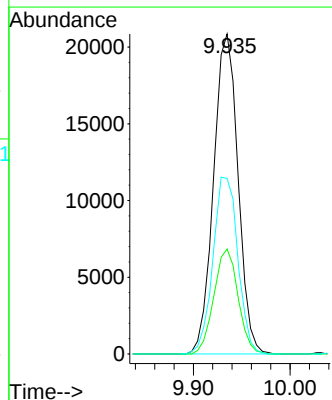
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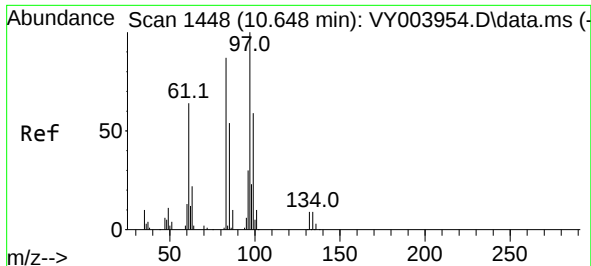


#54
cis-1,3-Dichloropropene
Concen: 20.40 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

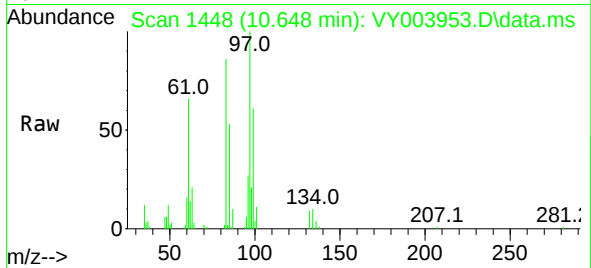


Tgt Ion: 75 Resp: 36566
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 54.9 47.0 70.4

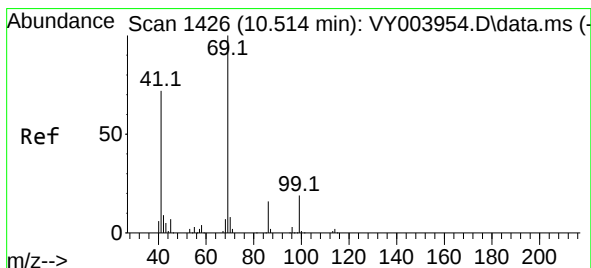
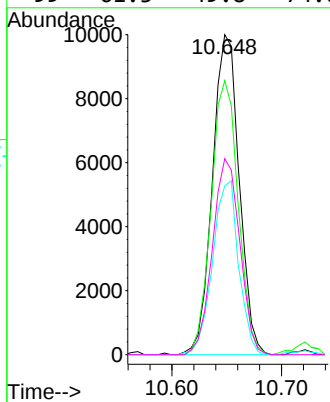
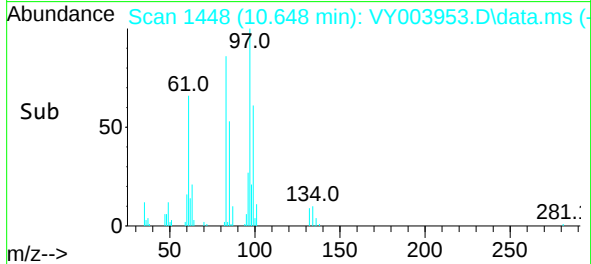




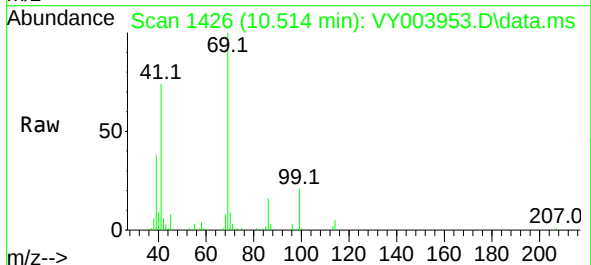
#55
1,1,2-Trichloroethane
Concen: 20.61 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



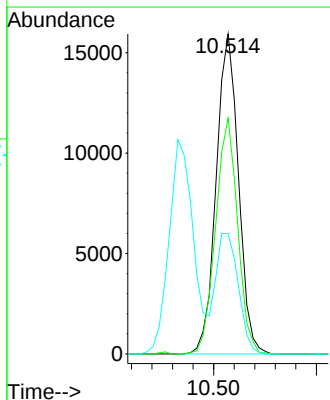
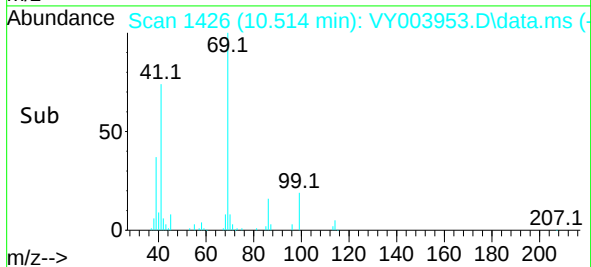
Tgt Ion:	97	Resp:	16955
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.6	106.0
85	52.7	45.8	68.8
99	61.3	49.8	74.6



#56
Ethyl methacrylate
Concen: 20.34 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



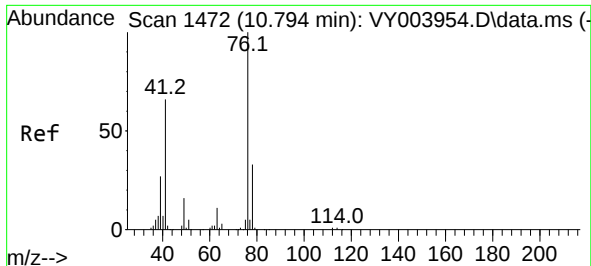
Tgt Ion:	69	Resp:	23890
Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.6	89.4
39	37.4	31.9	47.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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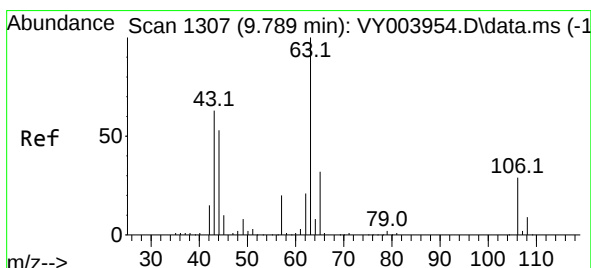
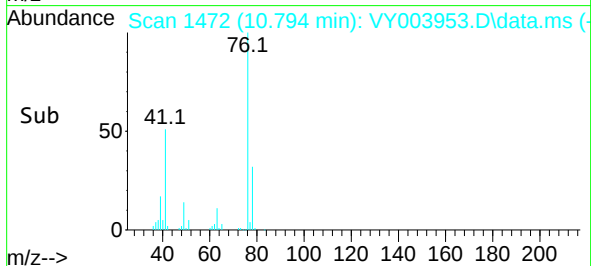
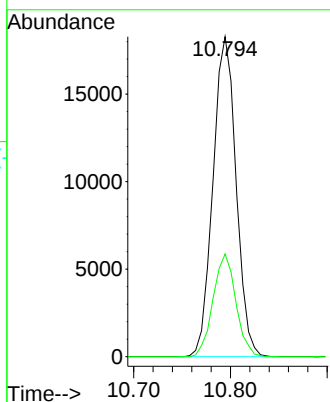
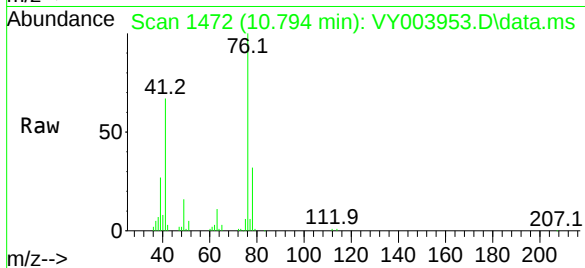
#57
1,3-Dichloropropane
Concen: 20.56 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 76 Resp: 30303
Ion Ratio Lower Upper
76 100
78 31.6 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

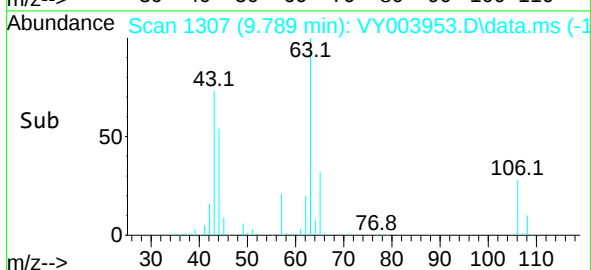
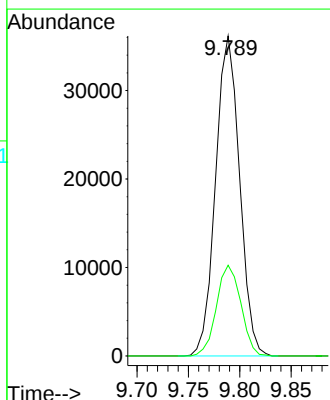
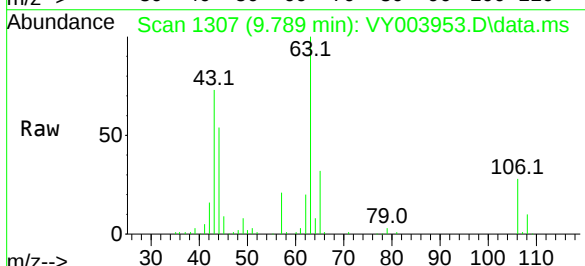
Manual Integrations
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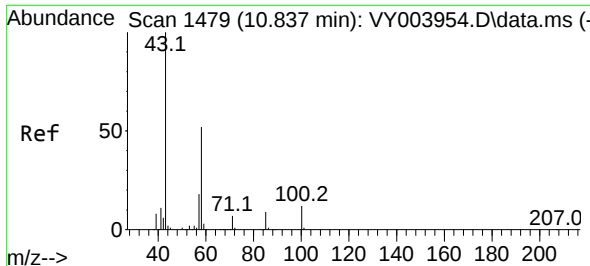
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#58
2-Chloroethyl Vinyl ether
Concen: 110.13 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 63 Resp: 58646
Ion Ratio Lower Upper
63 100
106 28.8 21.9 32.9





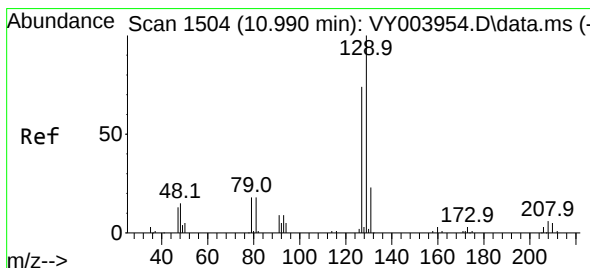
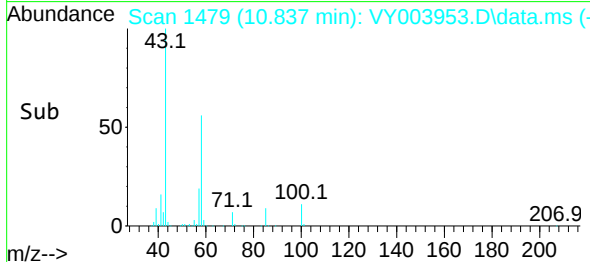
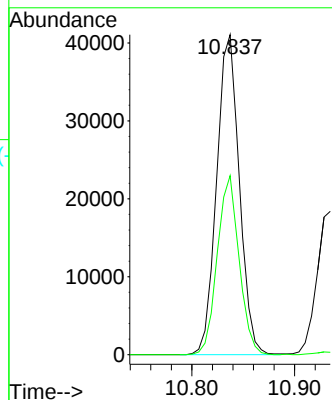
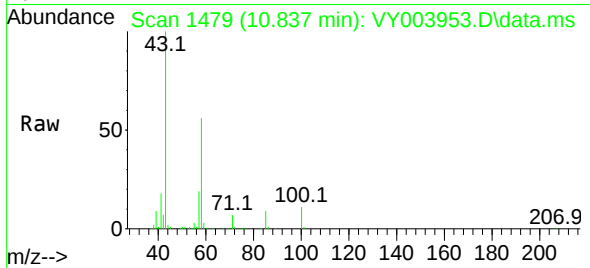
#59
2-Hexanone
Concen: 104.99 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 43 Resp: 62770
Ion Ratio Lower Upper
43 100
58 53.8 24.8 74.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

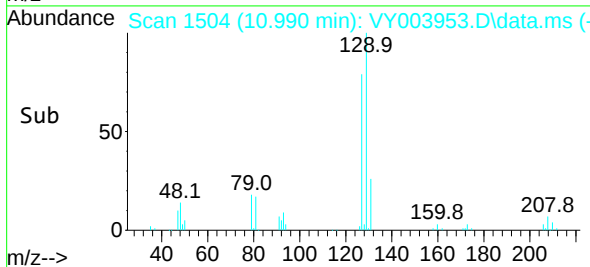
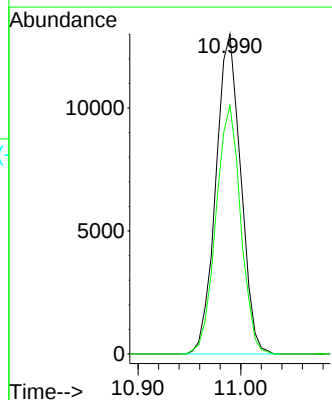
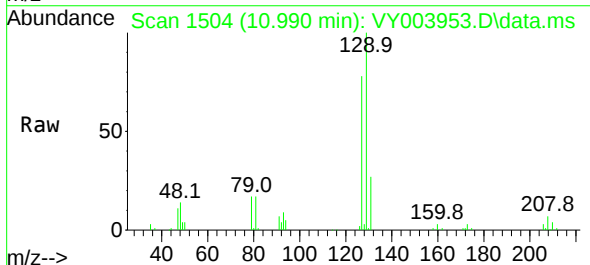
Manual Integrations
APPROVED

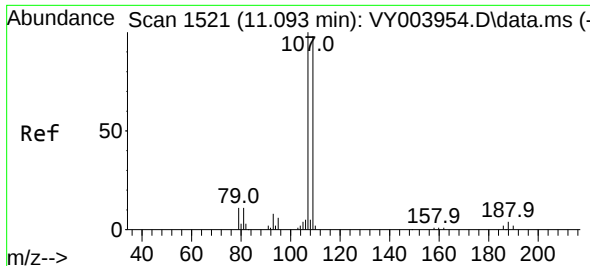
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#60
Dibromochloromethane
Concen: 20.39 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

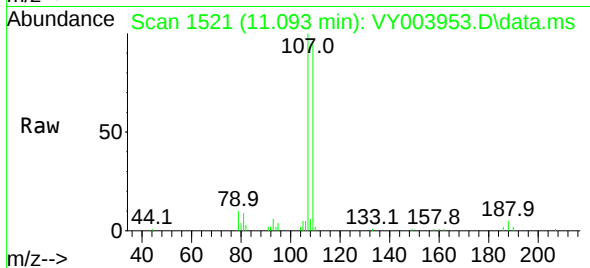
Tgt Ion: 129 Resp: 21866
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3





#61
1,2-Dibromoethane
Concen: 20.30 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

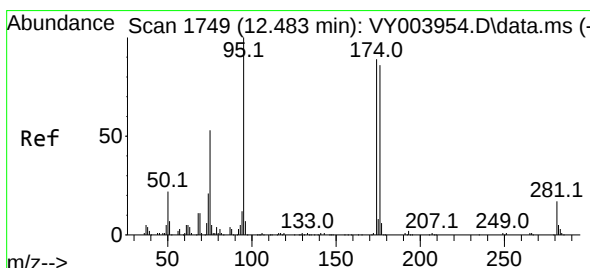
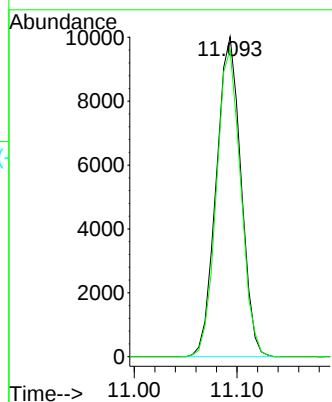
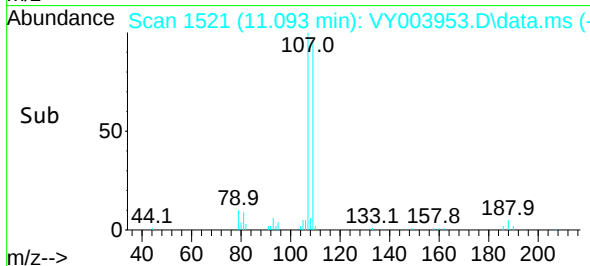
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



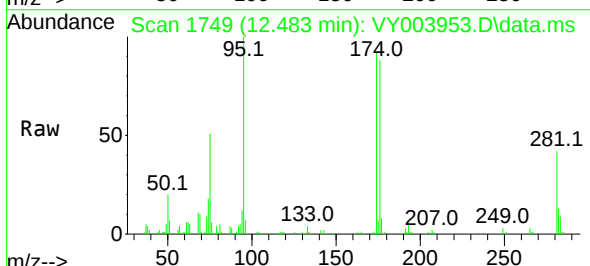
Tgt Ion:107 Resp: 16706
Ion Ratio Lower Upper
107 100
109 94.1 74.0 111.0

Manual Integrations
APPROVED

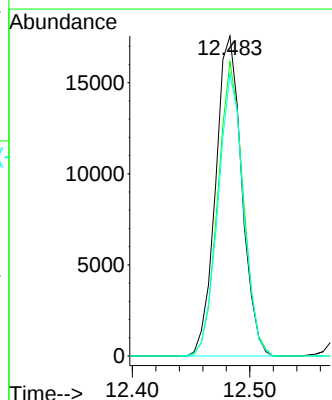
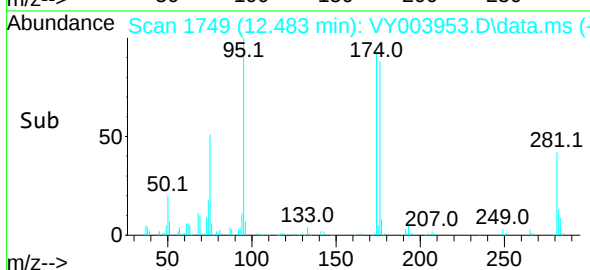
SAM
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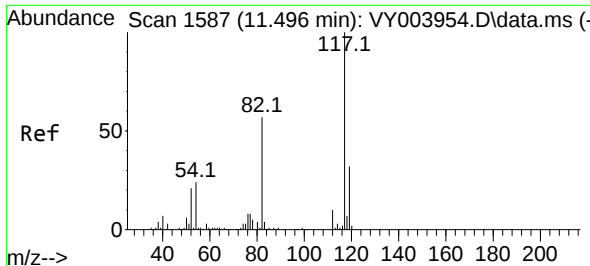


#62
4-Bromofluorobenzene
Concen: 21.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



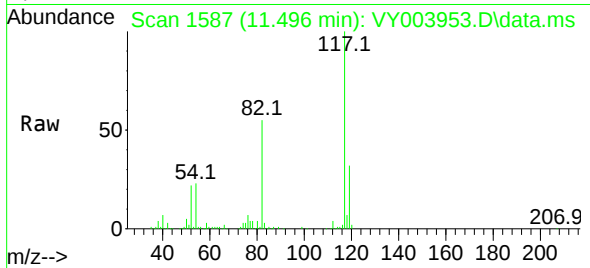
Tgt Ion: 95 Resp: 27134
Ion Ratio Lower Upper
95 100
174 89.1 0.0 184.4
176 85.9 0.0 177.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

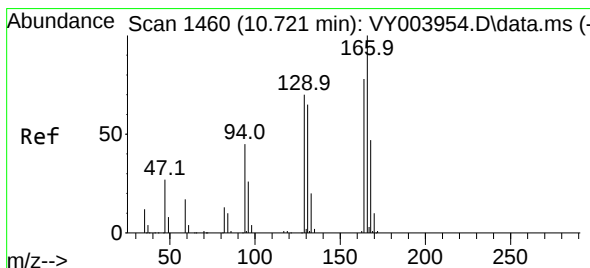
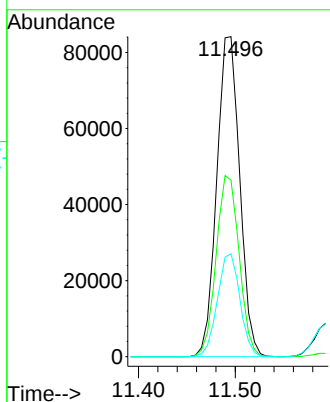
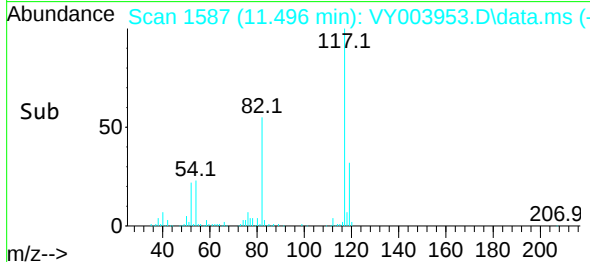
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



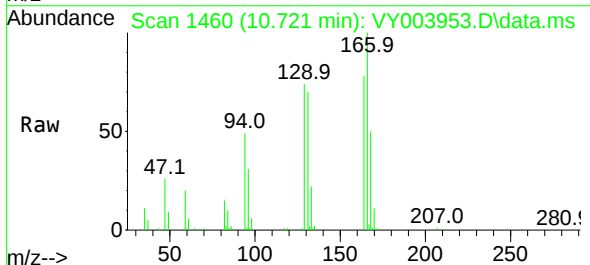
Tgt Ion:117 Resp: 138745
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.2 25.0 37.6

Manual Integrations
APPROVED

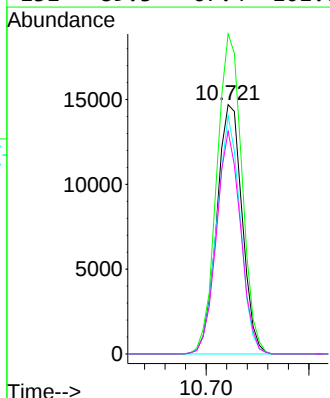
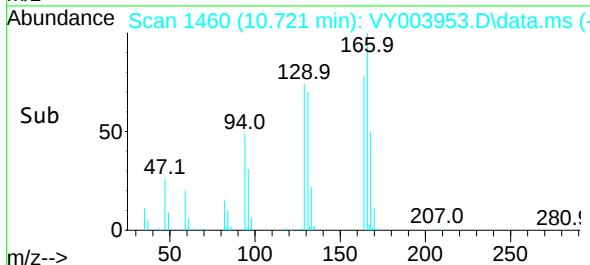
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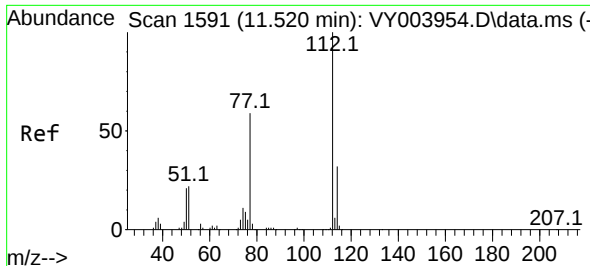


#64
Tetrachloroethene
Concen: 20.25 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



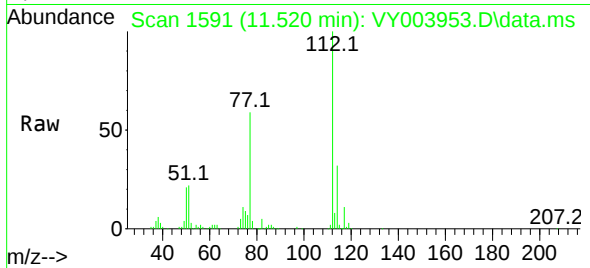
Tgt Ion:164 Resp: 25191
Ion Ratio Lower Upper
164 100
166 128.3 101.0 151.4
129 95.6 68.9 103.3
131 89.3 67.4 101.0





#65
Chlorobenzene
Concen: 20.29 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

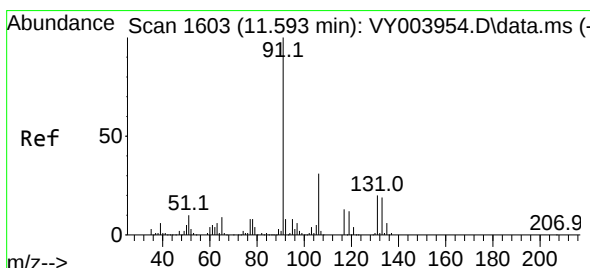
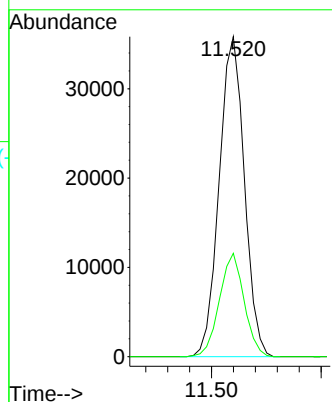
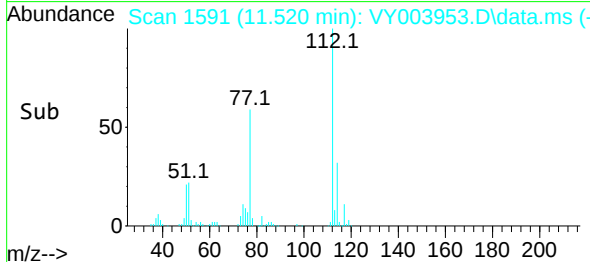
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



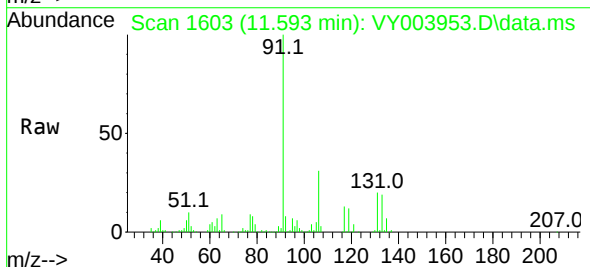
Tgt Ion:112 Resp: 57077
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1

Manual Integrations
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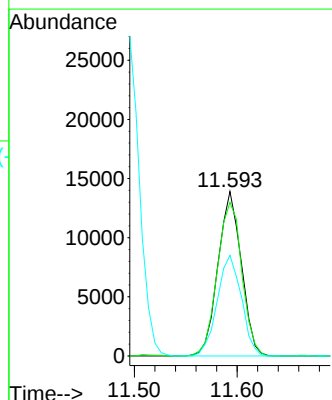
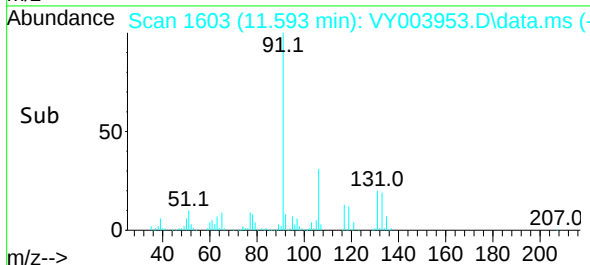
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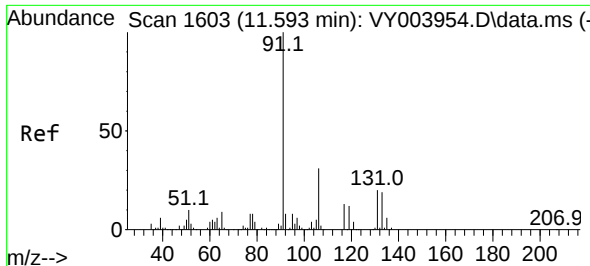


#66
1,1,1,2-Tetrachloroethane
Concen: 19.95 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



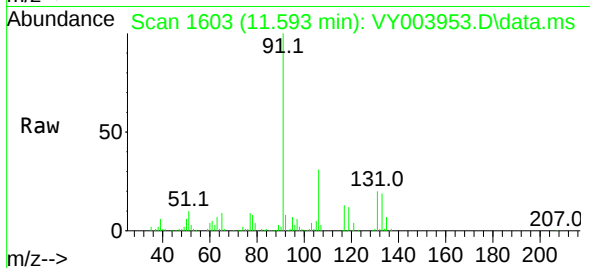
Tgt Ion:131 Resp: 21889
Ion Ratio Lower Upper
131 100
133 98.4 47.4 142.2
119 63.2 31.6 94.7





#67
Ethyl Benzene
Concen: 19.98 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

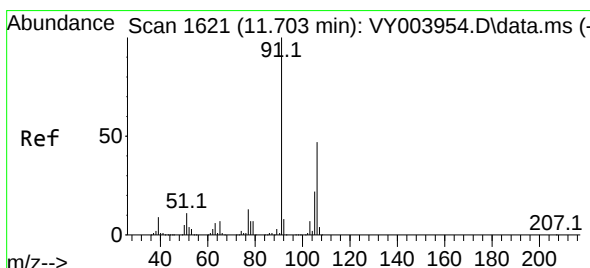
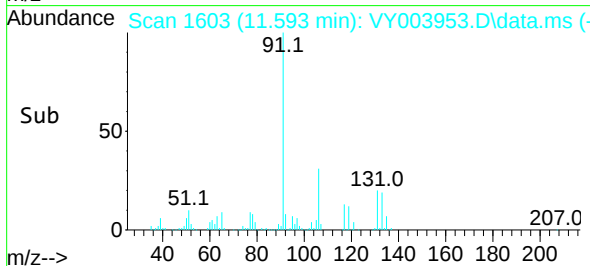
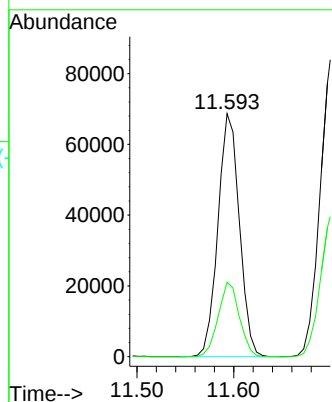
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 105341
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9

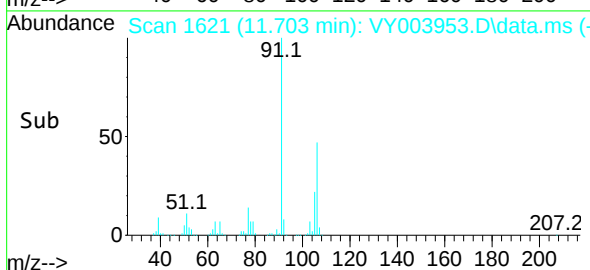
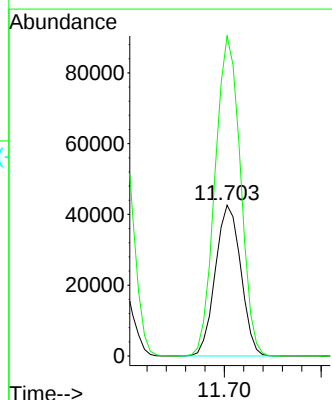
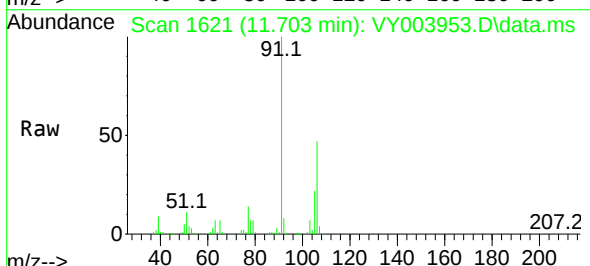
Manual Integrations
APPROVED

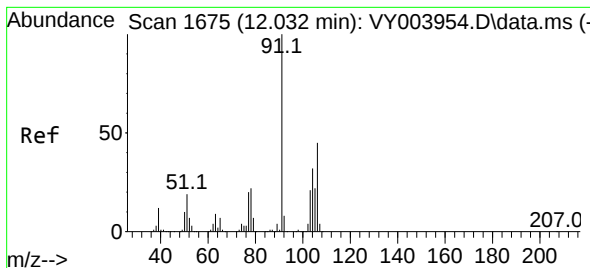
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#68
m/p-Xylenes
Concen: 39.84 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 106 Resp: 77861
Ion Ratio Lower Upper
106 100
91 210.9 167.1 250.7





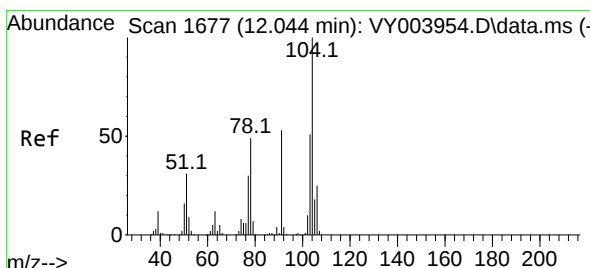
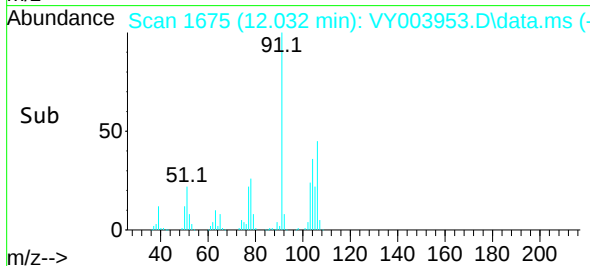
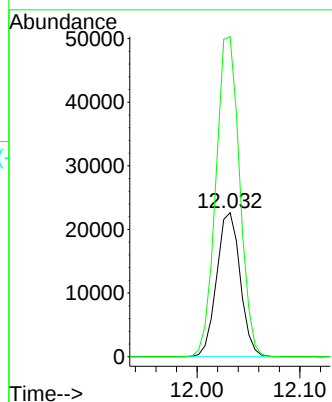
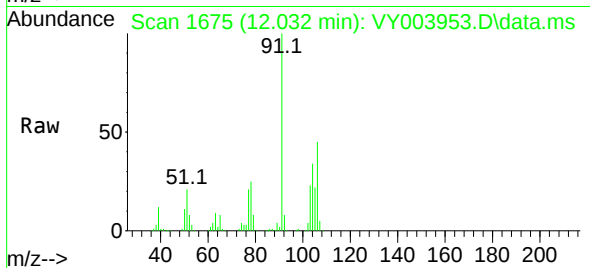
#69
o-Xylene
Concen: 19.75 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 35911
Ion Ratio Lower Upper
106 100
91 224.8 110.8 332.4

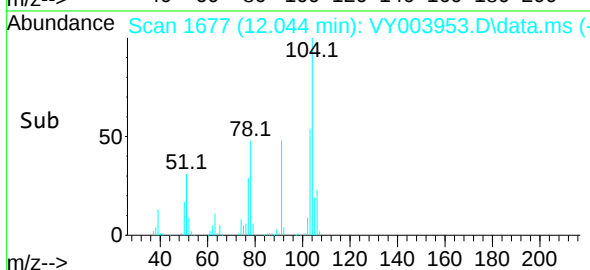
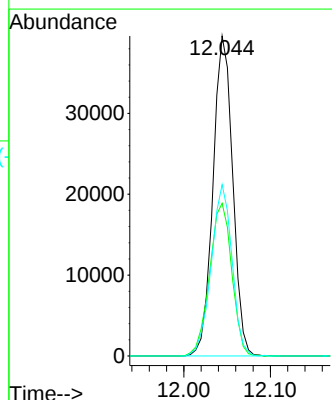
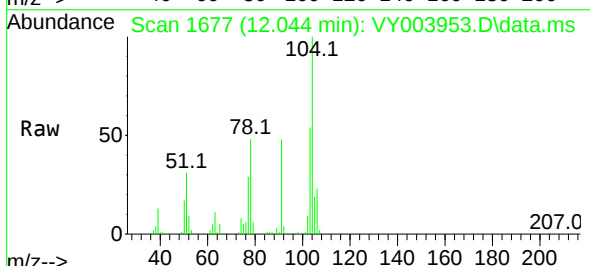
Manual Integrations
APPROVED

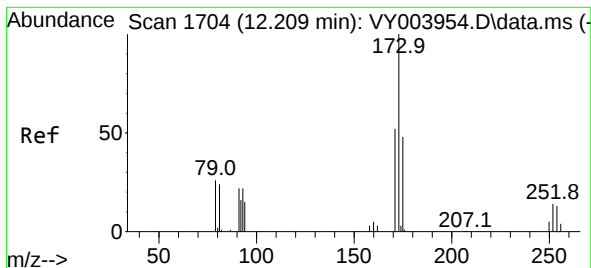
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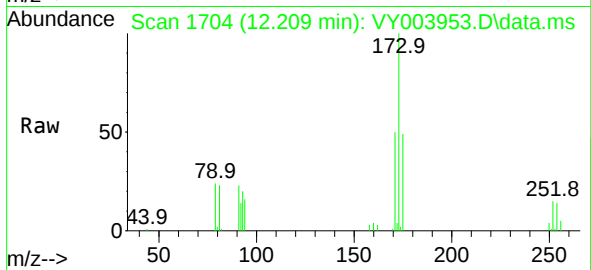
#70
Styrene
Concen: 19.94 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:104 Resp: 62548
Ion Ratio Lower Upper
104 100
78 53.7 43.0 64.4
103 56.4 45.0 67.4

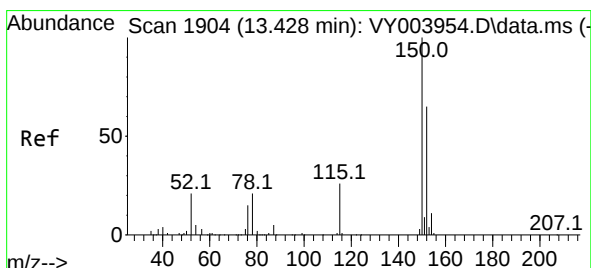
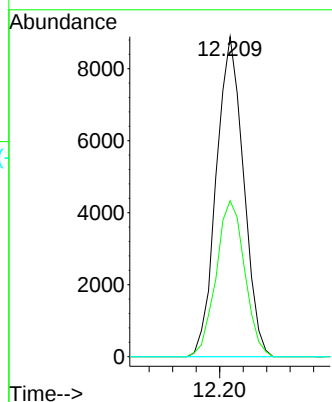
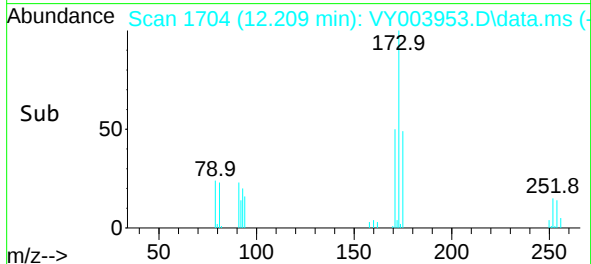




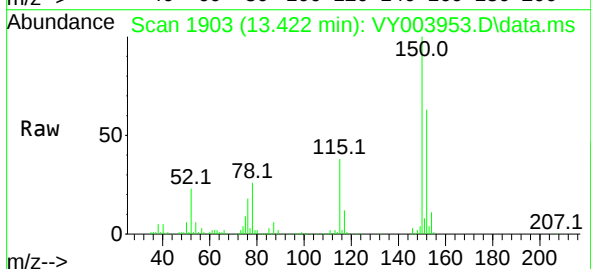
#71
Bromoform
Concen: 20.39 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



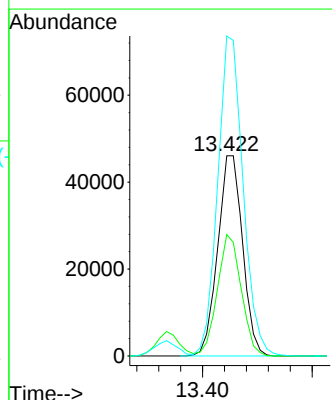
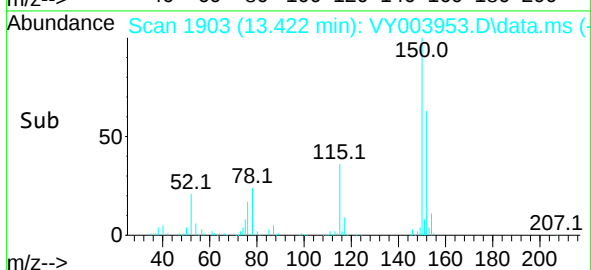
Tgt Ion:173 Resp: 14315
Ion Ratio Lower Upper
173 100
175 51.0 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



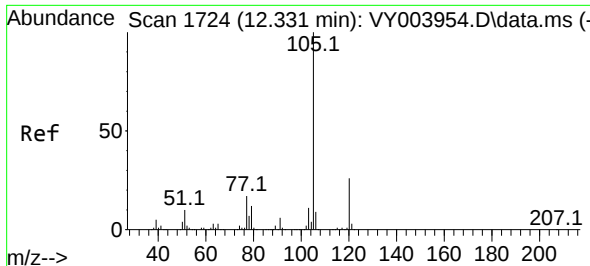
Tgt Ion:152 Resp: 72575
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.6
150 163.3 0.0 356.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

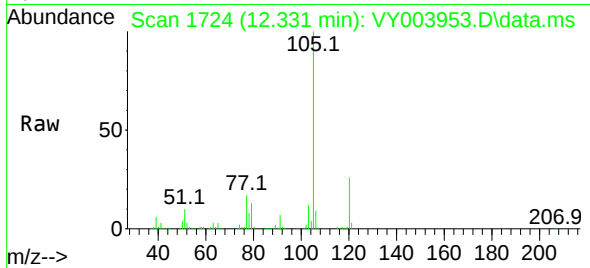
Manual Integrations
APPROVED

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#73
Isopropylbenzene
Concen: 19.69 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

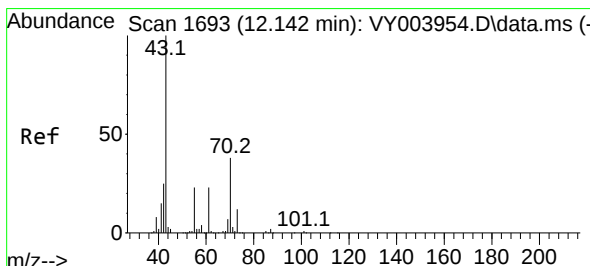
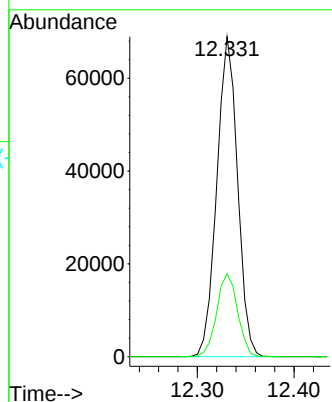
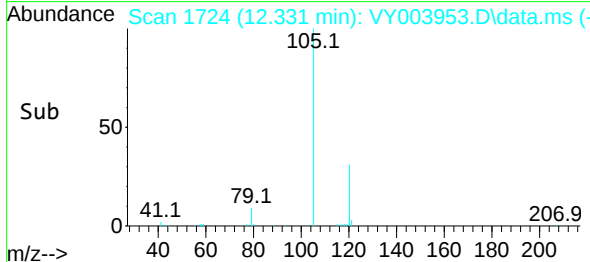
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



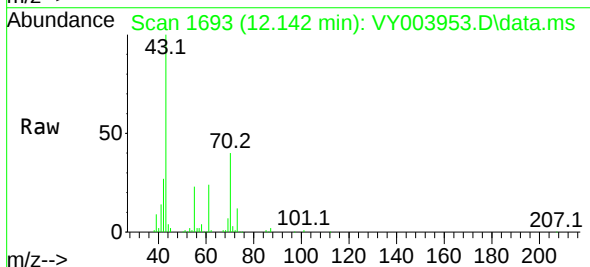
Tgt Ion:105 Resp: 102286
Ion Ratio Lower Upper
105 100
120 26.2 13.6 40.8

Manual Integrations
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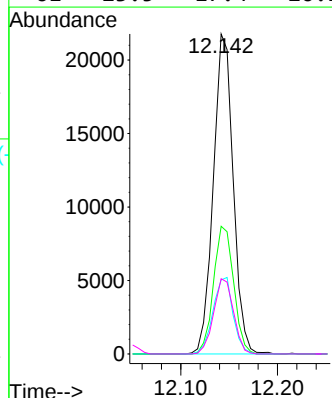
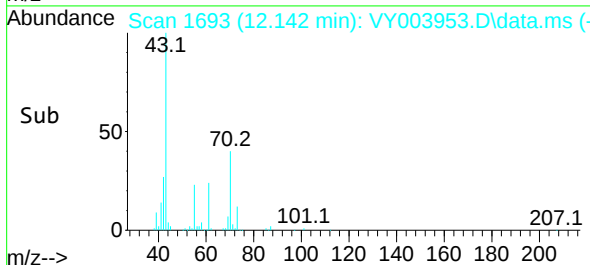
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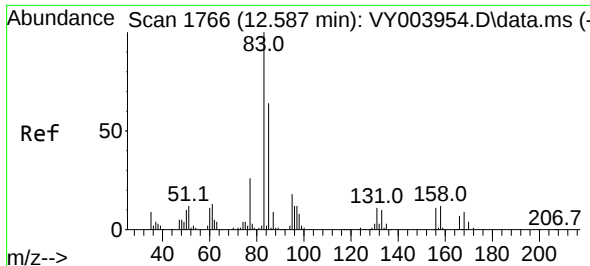


#74
N-ethyl acetate
Concen: 20.34 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



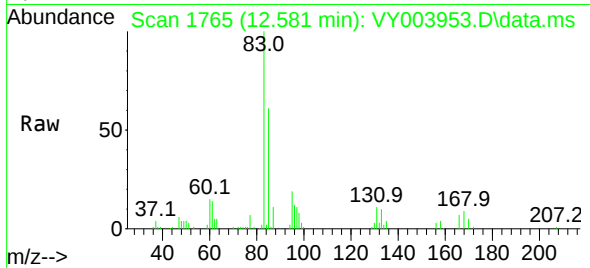
Tgt Ion: 43 Resp: 31058
Ion Ratio Lower Upper
43 100
70 40.4 29.6 44.4
55 24.2 18.4 27.6
61 23.5 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.72 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

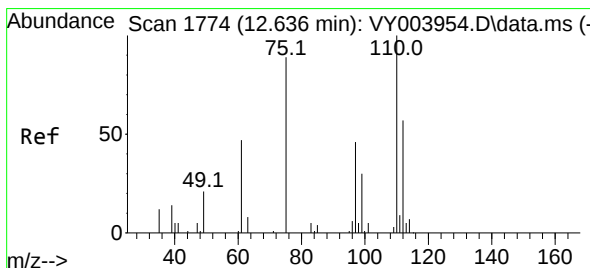
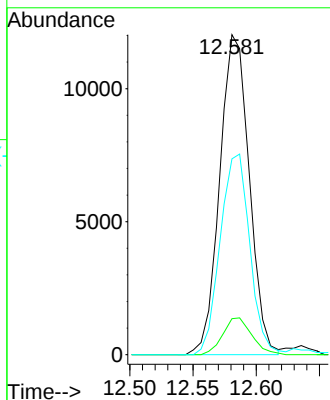
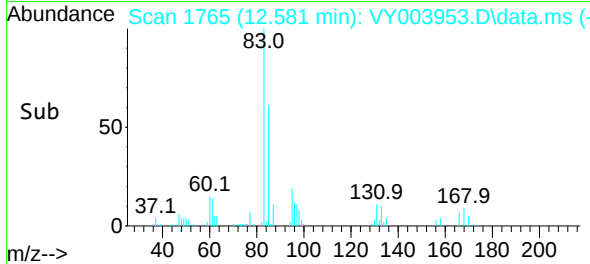
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



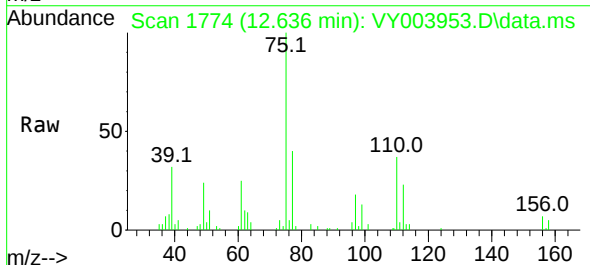
Tgt Ion: 83 Resp: 19517
Ion Ratio Lower Upper
83 100
131 11.3 5.3 16.1
85 63.0 31.6 94.8

Manual Integrations
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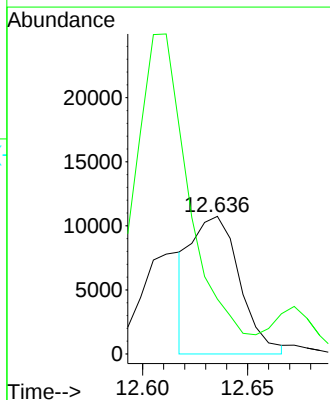
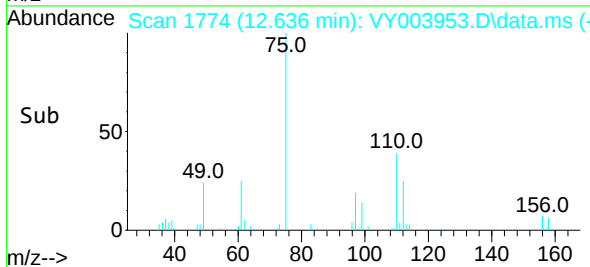
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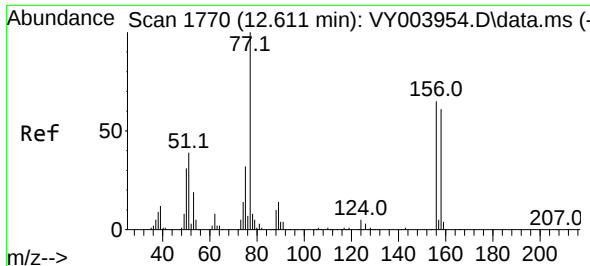


#76
1,2,3-Trichloropropane
Concen: 18.74 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion: 75 Resp: 17168
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





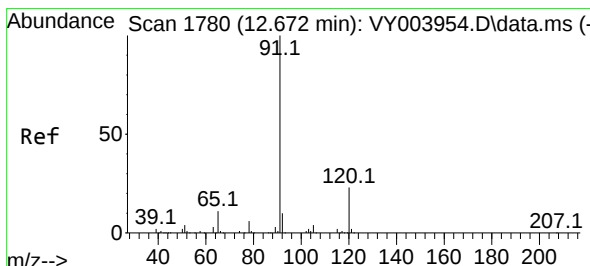
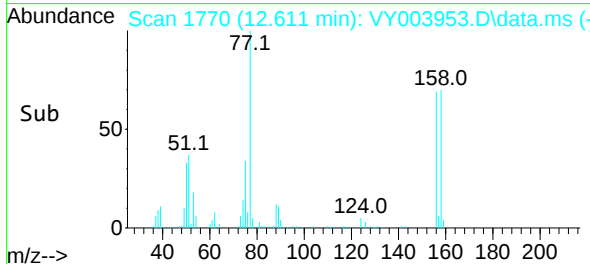
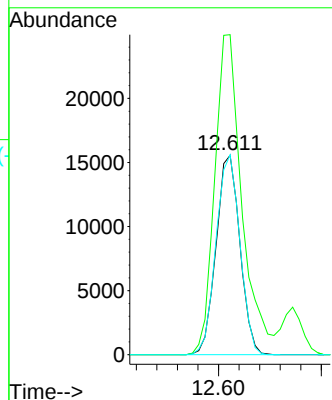
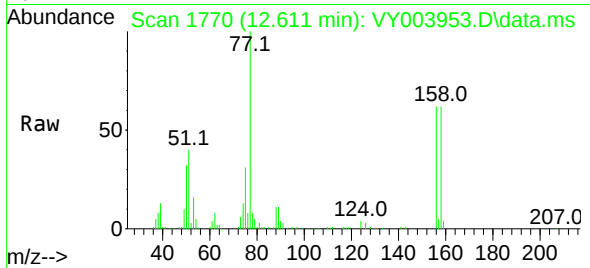
#77
Bromobenzene
Concen: 19.42 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:	156	Resp:	25008
Ion Ratio	Lower	Upper	
156	100		
77	183.2	93.8	281.6
158	100.3	48.8	146.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

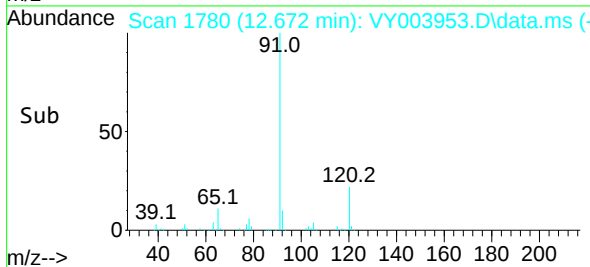
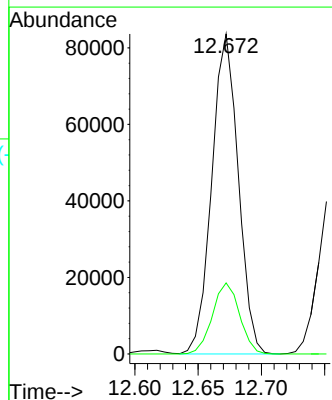
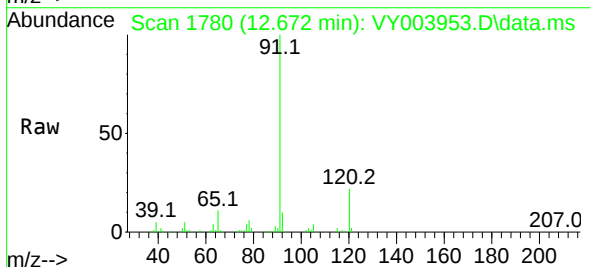
Manual Integrations
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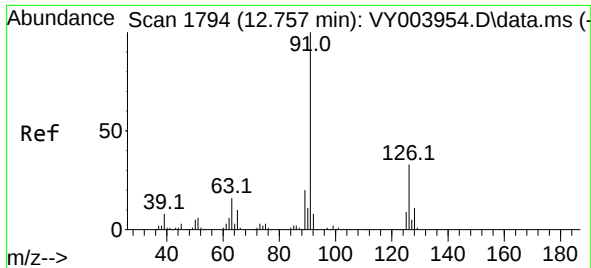
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#78
n-propylbenzene
Concen: 19.69 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:	91	Resp:	121718
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.2





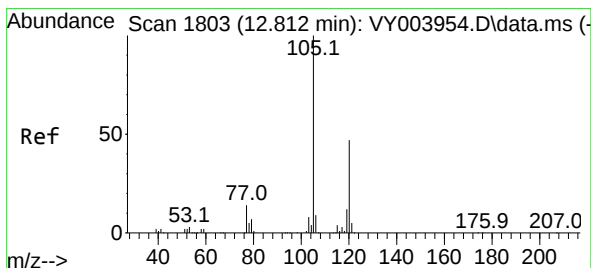
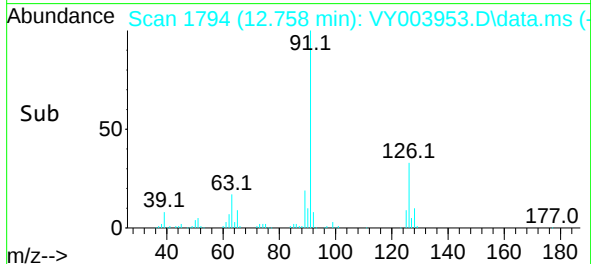
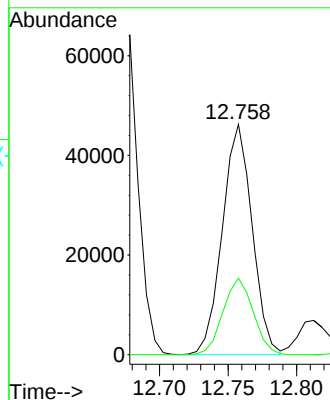
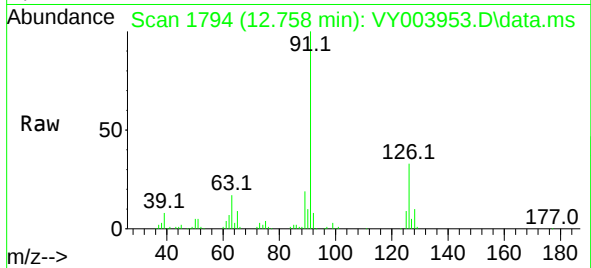
#79
2-Chlorotoluene
Concen: 19.79 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion: 91 Resp: 70063
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

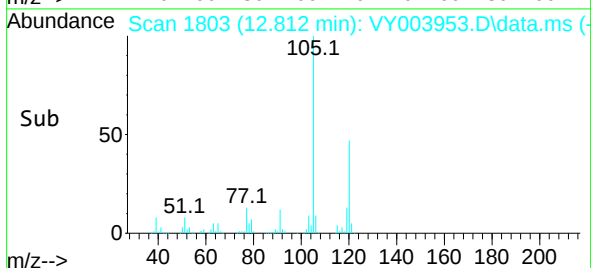
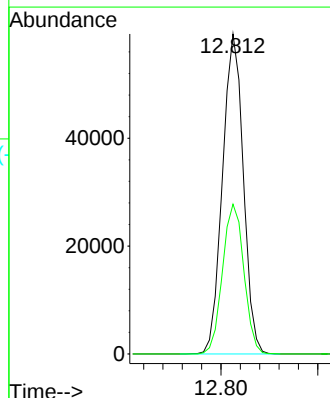
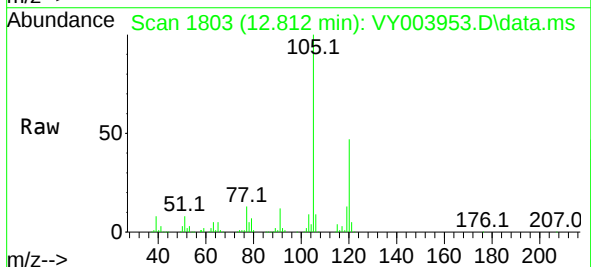
Manual Integrations
APPROVED

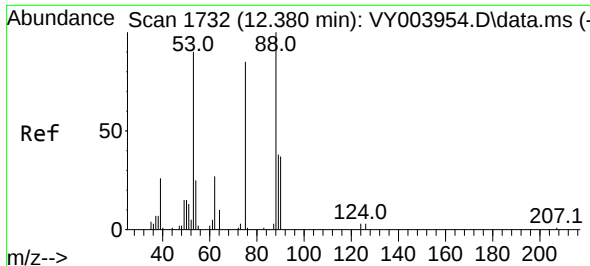
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#80
1,3,5-Trimethylbenzene
Concen: 19.87 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

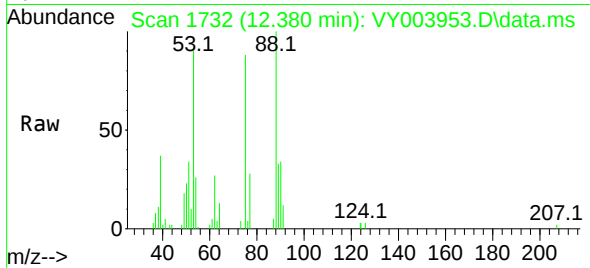
Tgt Ion: 105 Resp: 88553
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.36 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

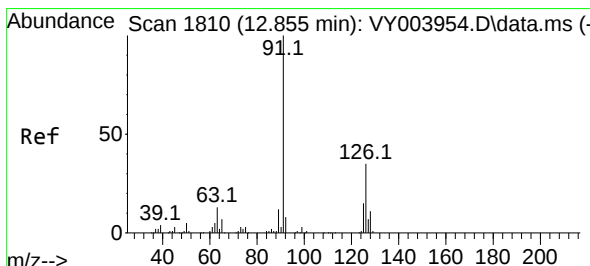
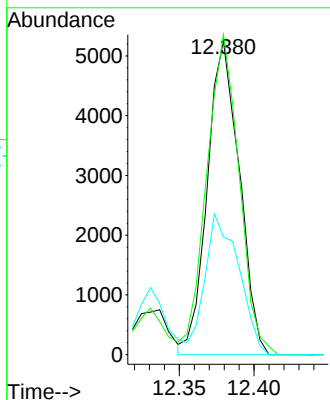
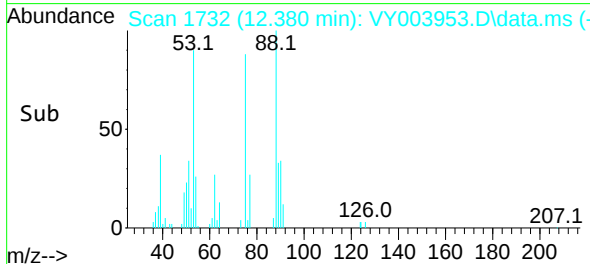
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



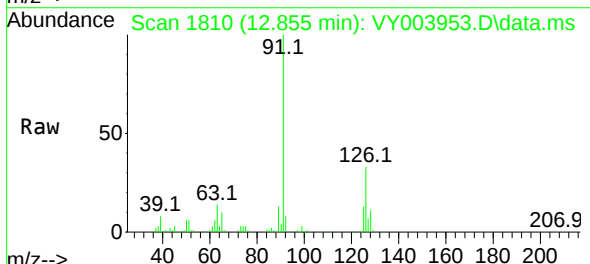
Tgt Ion:	75	Resp:	7787
Ion	Ratio	Lower	Upper
75	100		
53	103.7	78.2	117.2
89	47.3	34.8	52.2

Manual Integrations
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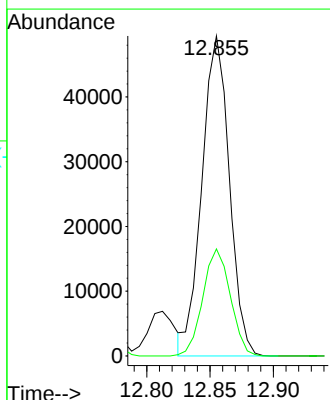
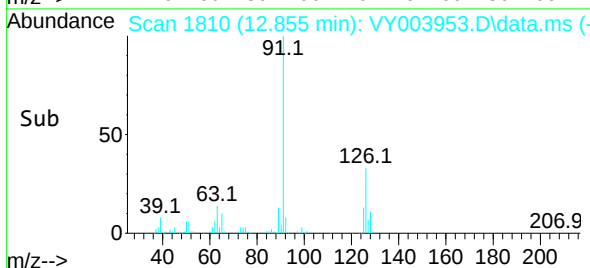
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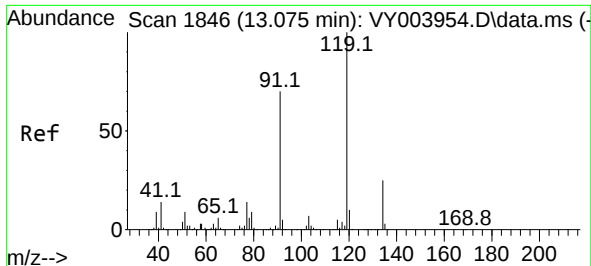


#82
4-Chlorotoluene
Concen: 19.92 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion:	91	Resp:	74579
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.9	50.6





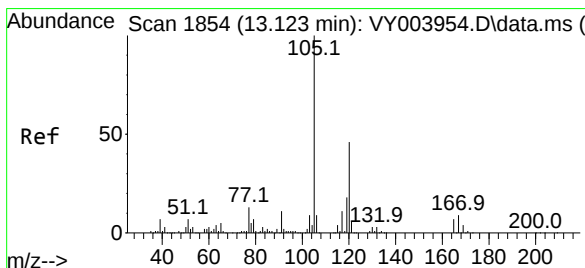
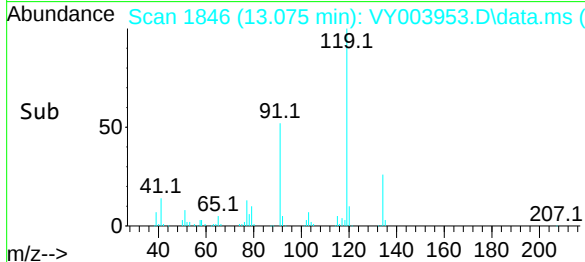
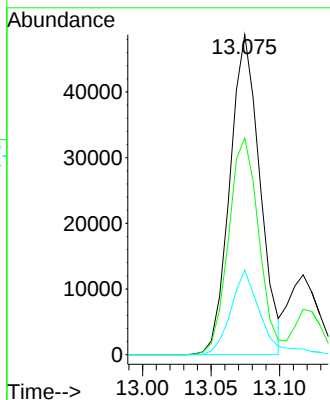
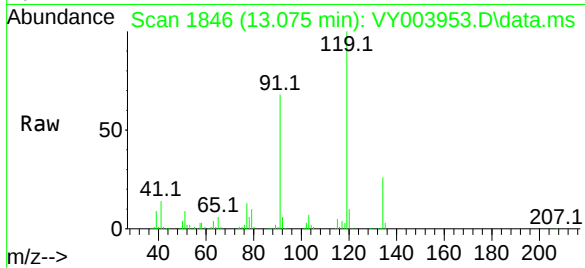
#83
tert-Butylbenzene
Concen: 20.01 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:119 Resp: 74146
Ion Ratio Lower Upper
119 100
91 69.0 35.1 105.3
134 26.4 13.2 39.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

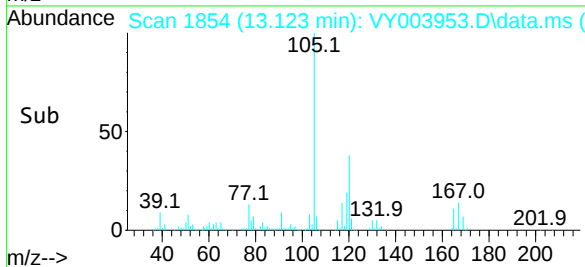
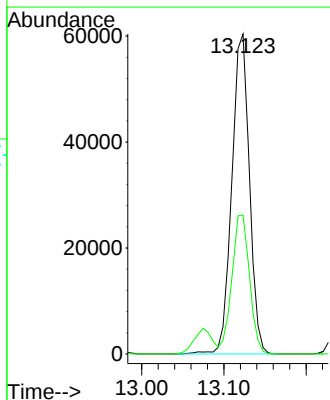
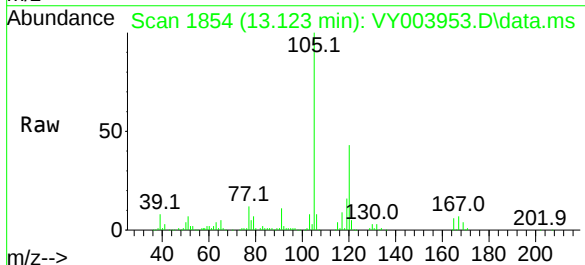
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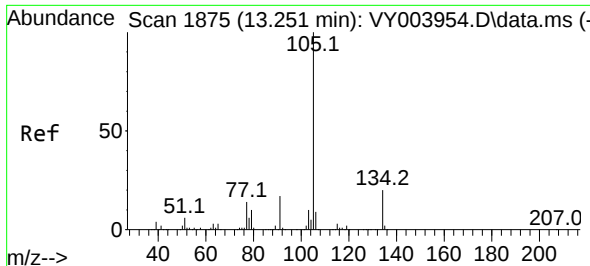
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#84
1,2,4-Trimethylbenzene
Concen: 20.13 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

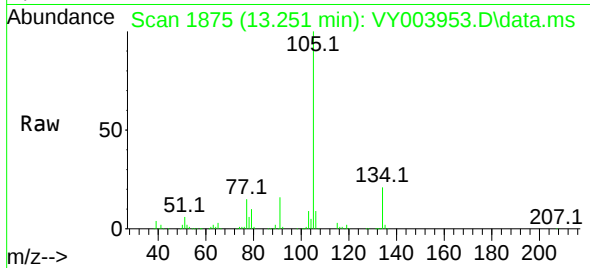
Tgt Ion:105 Resp: 89960
Ion Ratio Lower Upper
105 100
120 43.7 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 20.16 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY003953.D
 Acq: 28 Jan 2021 12:46

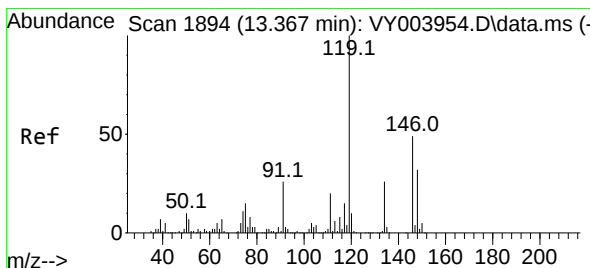
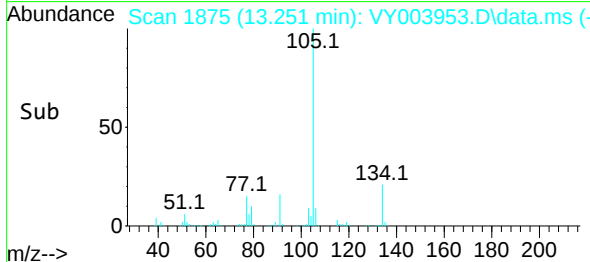
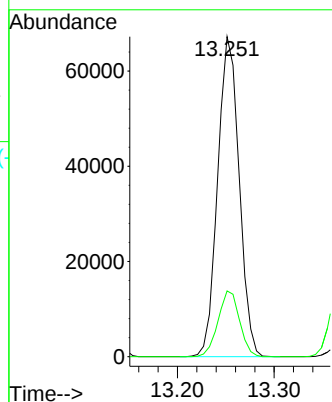
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 103516
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

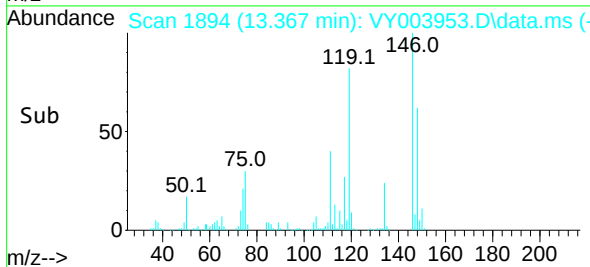
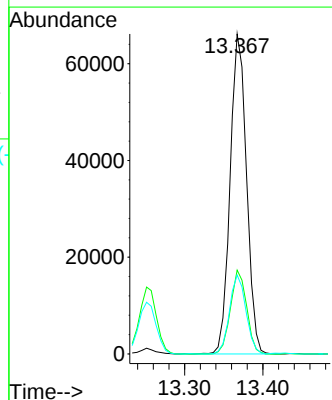
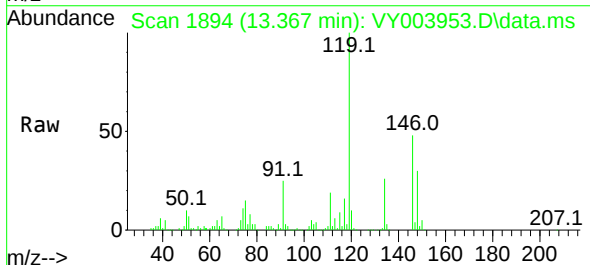
Manual Integrations
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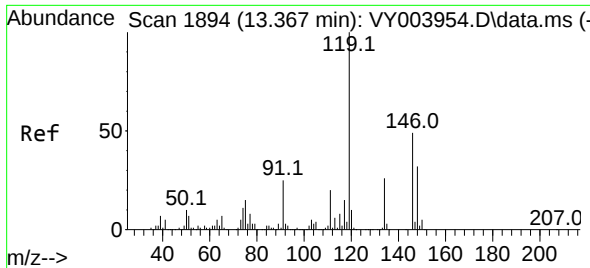
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#86
 p-Isopropyltoluene
 Concen: 20.09 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY003953.D
 Acq: 28 Jan 2021 12:46

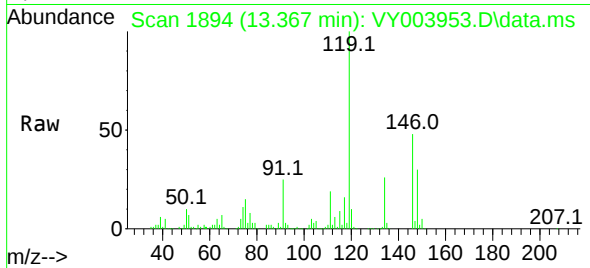
Tgt Ion:119 Resp: 96253
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.5
 91 24.7 12.8 38.3





#87
1,3-Dichlorobenzene
Concen: 19.74 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

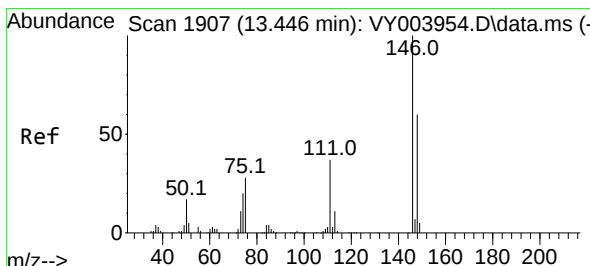
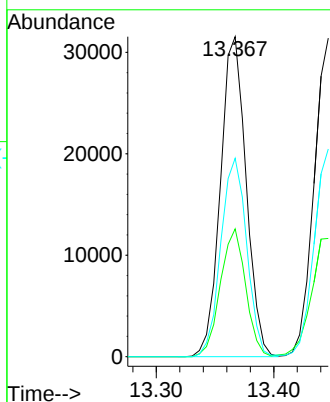
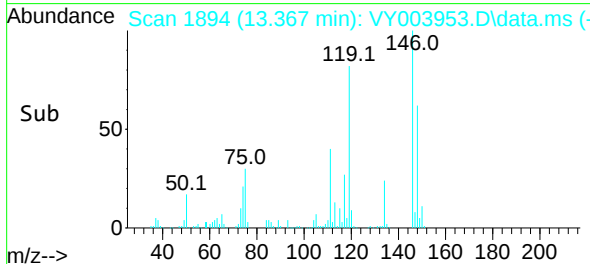
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



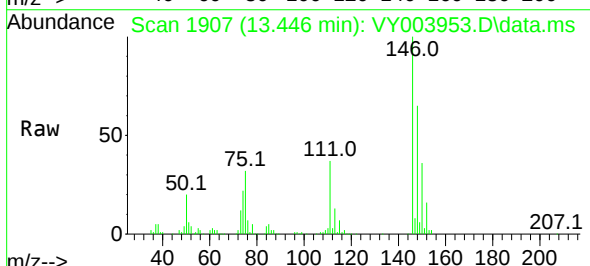
Tgt Ion:146 Resp: 47913
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 62.7 31.7 95.1

Manual Integrations
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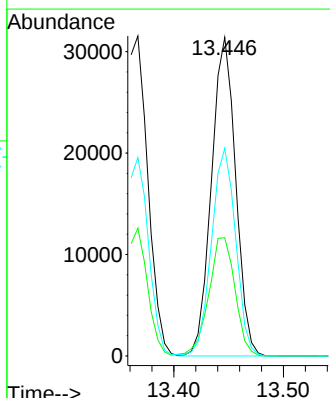
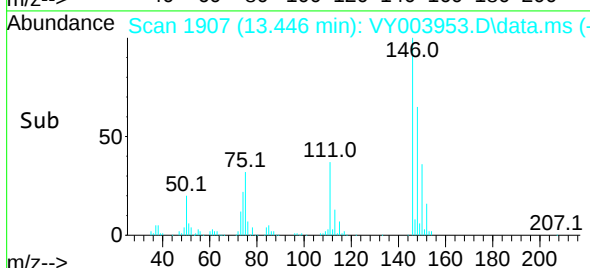
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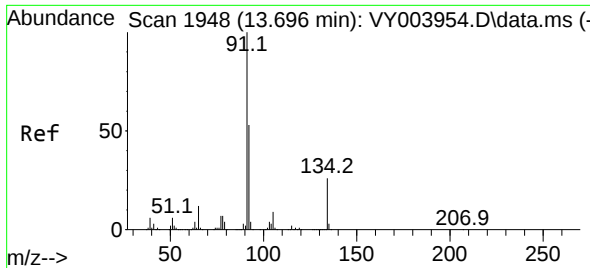


#88
1,4-Dichlorobenzene
Concen: 20.13 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion:146 Resp: 48234
Ion Ratio Lower Upper
146 100
111 40.3 18.9 56.9
148 65.0 32.3 96.8





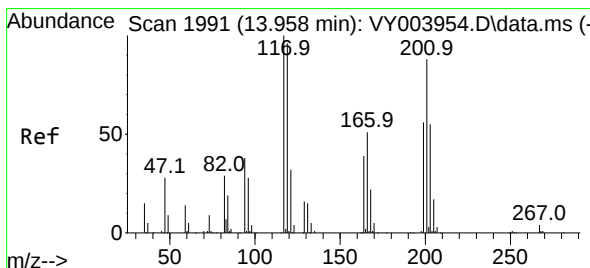
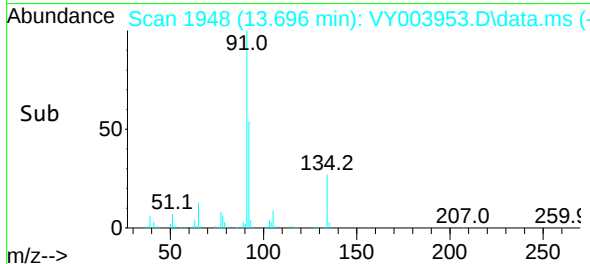
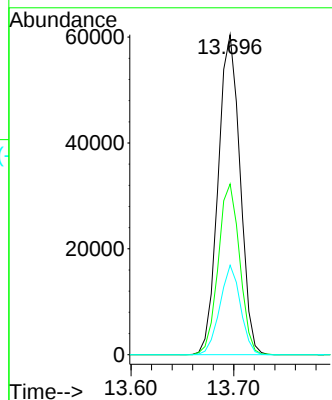
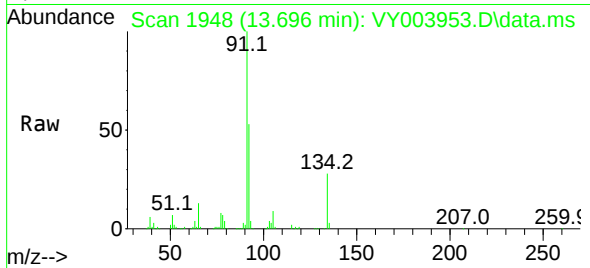
#89
n-Butylbenzene
Concen: 20.07 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:	91	Resp:	89259
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	26.4	13.2	39.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

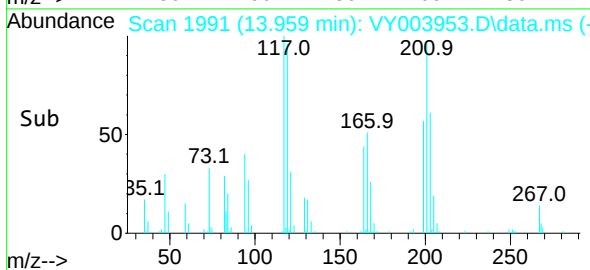
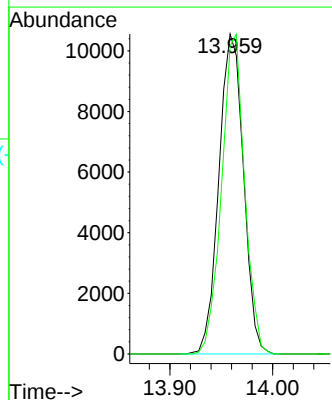
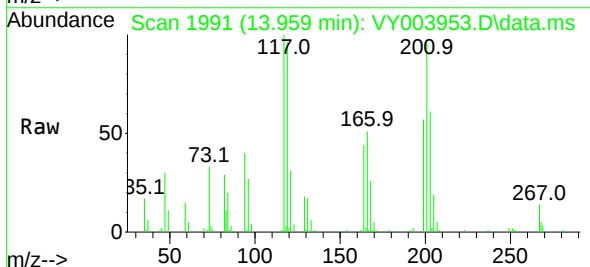
Manual Integrations
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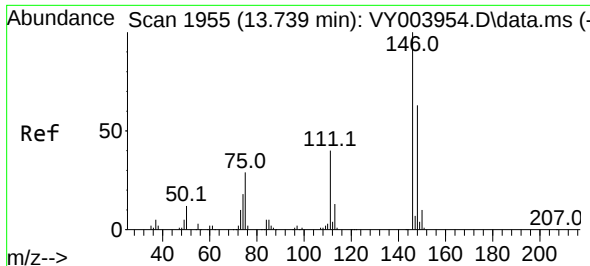
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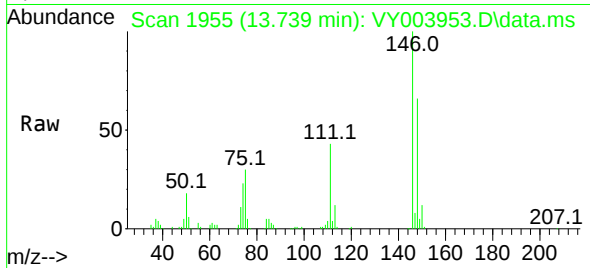
#90
Hexachloroethane
Concen: 19.96 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:	117	Resp:	17504
Ion	Ratio	Lower	Upper
117	100		
201	93.6	45.5	136.5

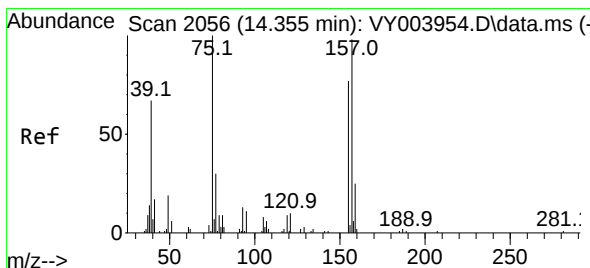
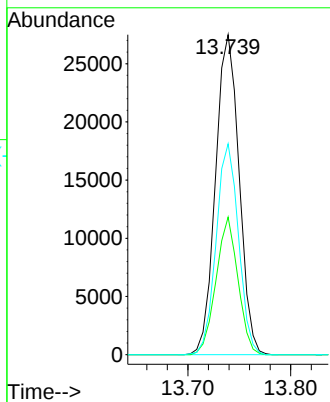
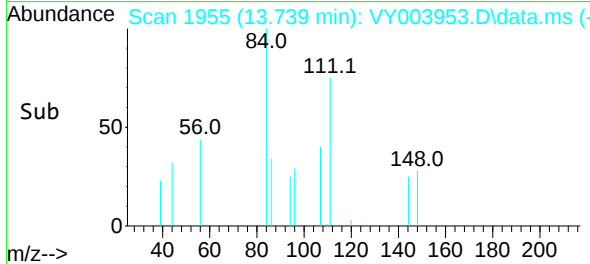




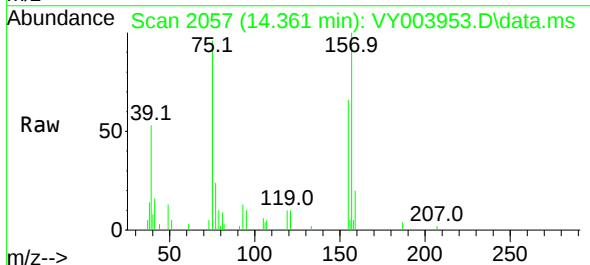
#91
1,2-Dichlorobenzene
Concen: 20.22 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



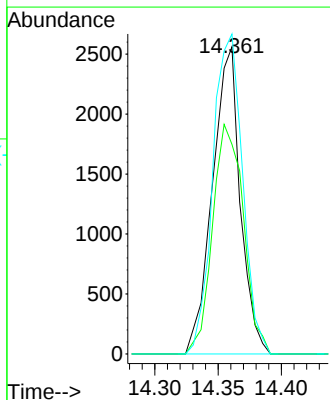
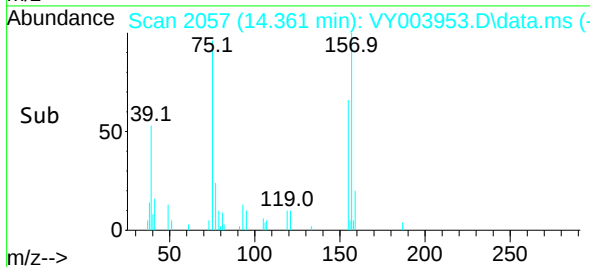
Tgt Ion:146 Resp: 43715
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 62.6 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.13 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



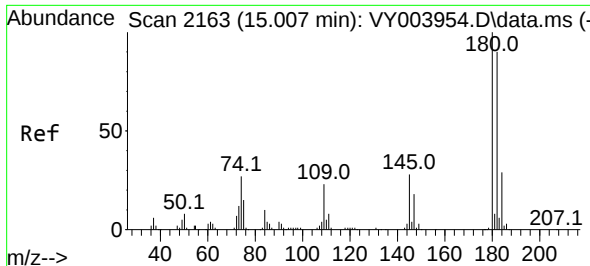
Tgt Ion: 75 Resp: 3910
Ion Ratio Lower Upper
75 100
155 82.7 37.6 112.9
157 111.2 50.4 151.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

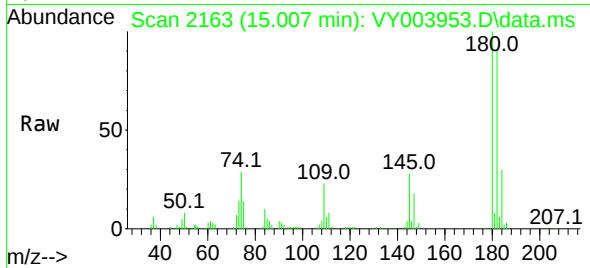
Manual Integrations
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#93
1,2,4-Trichlorobenzene
Concen: 20.49 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

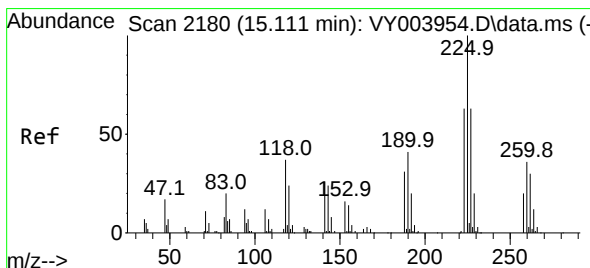
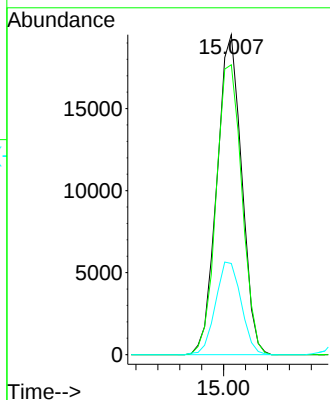
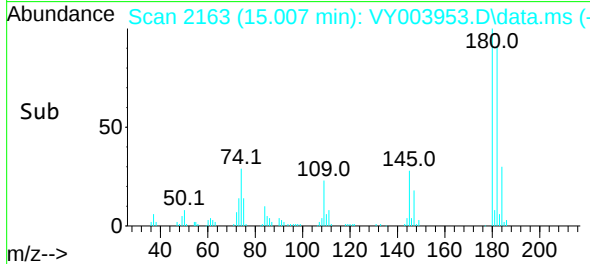
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



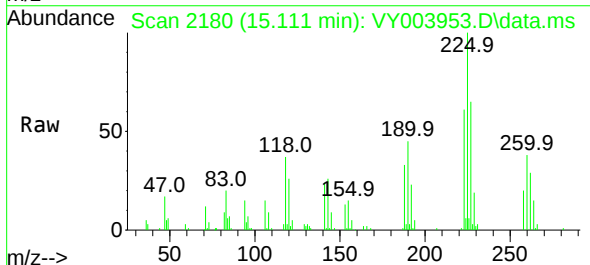
Tgt Ion:180 Resp: 30657
Ion Ratio Lower Upper
180 100
182 94.1 48.1 144.3
145 29.9 14.8 44.3

Manual Integrations
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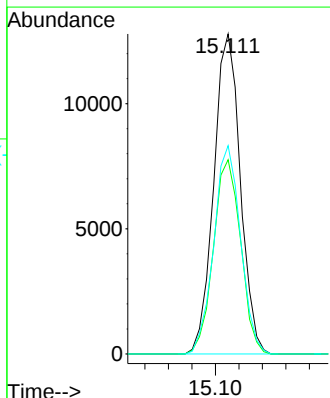
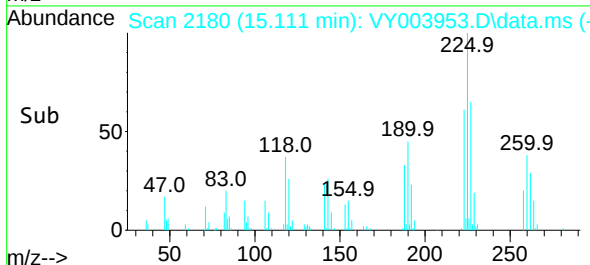
SAM
2/1/2021 3:35:28 PM

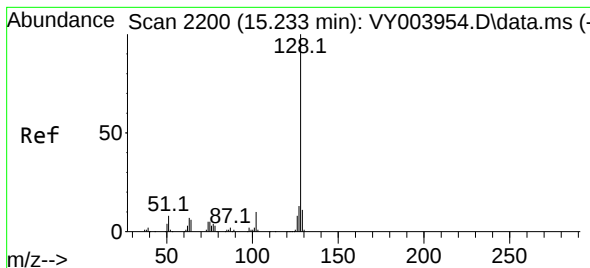


#94
Hexachlorobutadiene
Concen: 20.84 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46



Tgt Ion:225 Resp: 20043
Ion Ratio Lower Upper
225 100
223 62.3 31.2 93.6
227 65.8 32.6 97.7





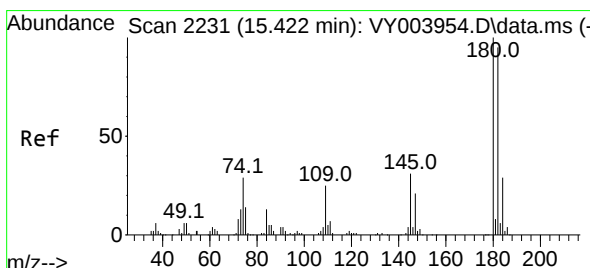
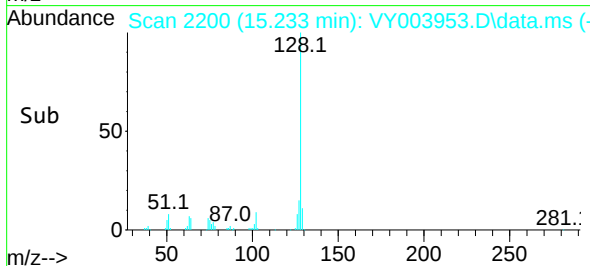
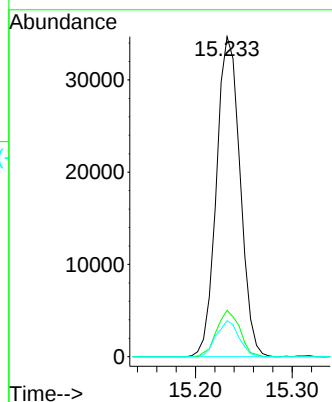
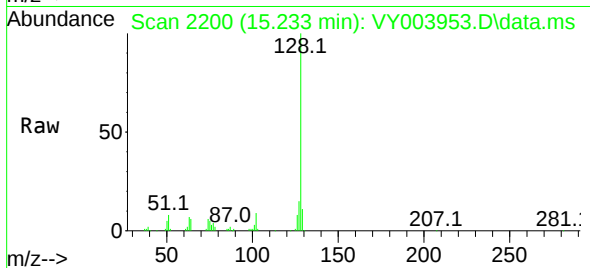
#95
Naphthalene
Concen: 20.92 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:	128	Resp:	58766
Ion Ratio	Lower	Upper	
128	100		
127	14.2	11.4	17.0
129	10.8	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

SAM
2/1/2021 3:35:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.47 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY003953.D
Acq: 28 Jan 2021 12:46

Tgt Ion:	180	Resp:	26383
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.7	143.1
145	31.1	15.2	45.6

