

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032921\
 Data File : VY004214.D
 Acq On : 29 Mar 2021 16:46
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 3/30/2021 7:22:47 PM

Quant Time: Mar 30 06:13:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:12:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	188519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	260786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9775	5.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.66%#		
35) Dibromofluoromethane	7.728	113	8779	5.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.80%#		
50) Toluene-d8	10.185	98	33519	5.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.58%#		
62) 4-Bromofluorobenzene	12.483	95	11462	4.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.92%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	9171	5.81	ug/l	87
3) Chloromethane	2.119	50	12959	6.17	ug/l	99
4) Vinyl Chloride	2.253	62	13704	5.87	ug/l	100
5) Bromomethane	2.656	94	7558	5.19	ug/l	94
6) Chloroethane	2.802	64	8889	6.22	ug/l	96
7) Trichlorofluoromethane	3.131	101	17861	5.80	ug/l	99
8) Diethyl Ether	3.540	74	5915	6.03	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	9572	5.60	ug/l	98
10) Methyl Iodide	4.101	142	11134	6.27	ug/l	98
11) Tert butyl alcohol	4.984	59	4018m	24.42	ug/l	
12) 1,1-Dichloroethene	3.875	96	10055	5.98	ug/l	89
13) Acrolein	3.735	56	4393	28.53	ug/l	100
14) Allyl chloride	4.485	41	14982	5.45	ug/l	99
15) Acrylonitrile	5.180	53	12755	26.37	ug/l	97
16) Acetone	3.960	43	10953	25.49	ug/l #	86
17) Carbon Disulfide	4.204	76	25398	5.19	ug/l	100
18) Methyl Acetate	4.491	43	7003	6.22	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	27301	5.73	ug/l	100
20) Methylene Chloride	4.728	84	14524	6.68	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	10625	5.63	ug/l	88
22) Diisopropyl ether	6.131	45	31649	5.44	ug/l	94
23) Vinyl Acetate	6.076	43	102496	26.64	ug/l	98
24) 1,1-Dichloroethane	6.033	63	17809	5.51	ug/l	98
25) 2-Butanone	6.996	43	16425	25.54	ug/l	95
26) 2,2-Dichloropropane	6.996	77	16674	5.43	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	12062	5.64	ug/l	97
28) Bromochloromethane	7.344	49	7032	5.10	ug/l	96
29) Tetrahydrofuran	7.362	42	12086	28.52	ug/l	98
30) Chloroform	7.515	83	19135	5.70	ug/l	96
31) Cyclohexane	7.795	56	20280	6.20	ug/l #	89
32) 1,1,1-Trichloroethane	7.710	97	17707	5.70	ug/l	95
36) 1,1-Dichloropropene	7.923	75	14999	5.80	ug/l	98
37) Ethyl Acetate	7.082	43	8618	6.16	ug/l	99
38) Carbon Tetrachloride	7.911	117	10611	3.97	ug/l	94
39) Methylcyclohexane	9.185	83	18314	5.50	ug/l	97
40) Benzene	8.167	78	42144	5.78	ug/l	100

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	4950m	5.80	ug/l	
42) 1,2-Dichloroethane	8.246	62	12710	5.69	ug/l	99
43) Isopropyl Acetate	8.283	43	15225	5.45	ug/l	96
44) Trichloroethene	8.941	130	14199	6.63	ug/l	100
45) 1,2-Dichloropropane	9.222	63	9981	5.50	ug/l	95
46) Dibromomethane	9.307	93	5938	5.70	ug/l	98
47) Bromodichloromethane	9.502	83	13902	5.38	ug/l	97
48) Methyl methacrylate	9.295	41	6956	5.27	ug/l	98
49) 1,4-Dioxane	9.301	88	4123	317.58	ug/l #	85
51) 4-Methyl-2-Pentanone	10.075	43	38448	27.24	ug/l	98
52) Toluene	10.246	92	26522	5.62	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	14658	5.38	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	16663	5.45	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	8065	5.55	ug/l	98
56) Ethyl methacrylate	10.514	69	10276	5.07	ug/l	98
57) 1,3-Dichloropropane	10.794	76	13765	5.52	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.789	63	26512	29.55	ug/l	100
59) 2-Hexanone	10.837	43	26721	27.09	ug/l	96
60) Dibromochloromethane	10.990	129	8984	4.95	ug/l	96
61) 1,2-Dibromoethane	11.093	107	8120	5.71	ug/l	98
64) Tetrachloroethene	10.721	164	15335	6.82	ug/l	98
65) Chlorobenzene	11.520	112	28458	5.65	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	9794	5.24	ug/l	99
67) Ethyl Benzene	11.593	91	50902	5.50	ug/l	97
68) m/p-Xylenes	11.703	106	39237	11.10	ug/l	97
69) o-Xylene	12.032	106	18345	5.51	ug/l	96
70) Styrene	12.044	104	29480	5.19	ug/l	98
71) Bromoform	12.215	173	5314	4.79	ug/l #	98
73) Isopropylbenzene	12.331	105	48747	5.59	ug/l	99
74) N-amyl acetate	12.148	43	13519	5.43	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	9166	6.03	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	5938m	5.03	ug/l	
77) Bromobenzene	12.611	156	11478	5.69	ug/l	100
78) n-propylbenzene	12.672	91	56142	5.48	ug/l	99
79) 2-Chlorotoluene	12.758	91	30625	5.34	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	39332	5.35	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	3089	5.14	ug/l	98
82) 4-Chlorotoluene	12.855	91	33193	5.48	ug/l	98
83) tert-Butylbenzene	13.075	119	33260	5.28	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	40187	5.47	ug/l	100
85) sec-Butylbenzene	13.251	105	46871	5.39	ug/l	99
86) p-Isopropyltoluene	13.367	119	43339	5.36	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	21907	5.67	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	20977	5.43	ug/l	90
89) n-Butylbenzene	13.696	91	39411	5.15	ug/l	99
90) Hexachloroethane	13.965	117	1570	1.20	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	19761	5.76	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1829	6.43	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	13752	5.86	ug/l	98
94) Hexachlorobutadiene	15.111	225	7107	5.45	ug/l	98
95) Naphthalene	15.239	128	27835	5.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	12910	6.49	ug/l	96

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Sample : VSTDIC005
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

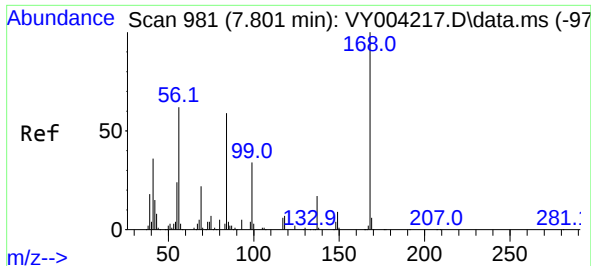
Manual Integrations
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Quant Time: Mar 30 06:13:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:12:49 2021
Response via : Initial Calibration

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



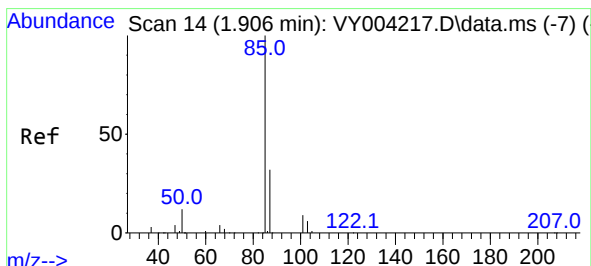
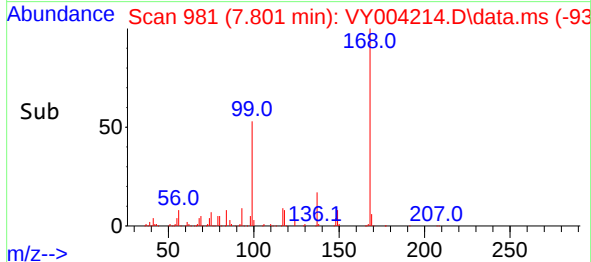
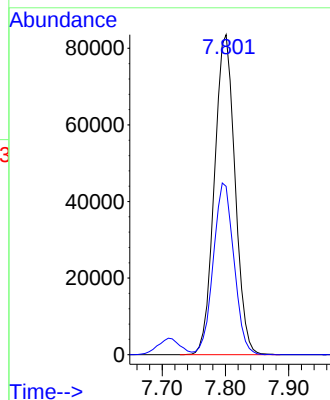
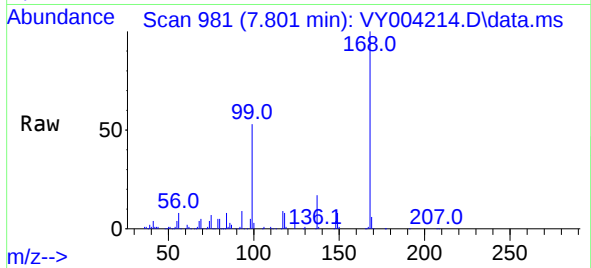
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 168 Resp: 188519
Ion Ratio Lower Upper
168 100
99 52.6 42.6 64.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

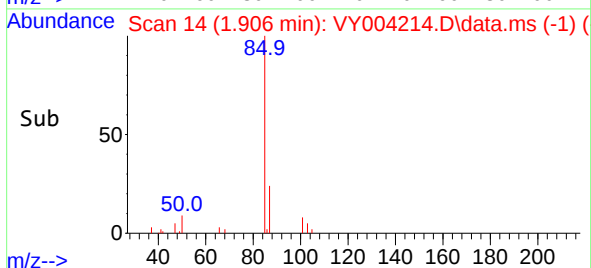
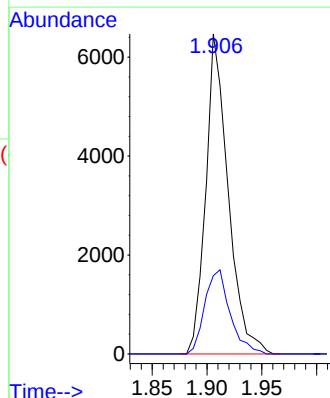
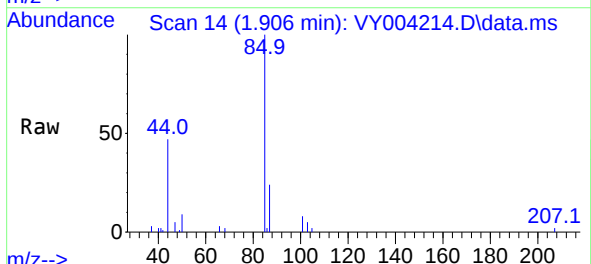
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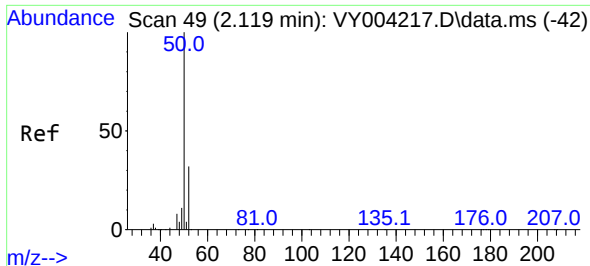
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#2
Dichlorodifluoromethane
Concen: 5.81 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 85 Resp: 9171
Ion Ratio Lower Upper
85 100
87 24.5 15.8 47.4





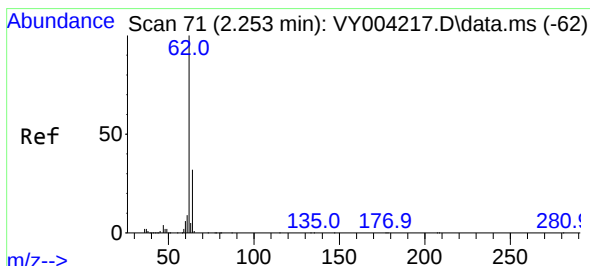
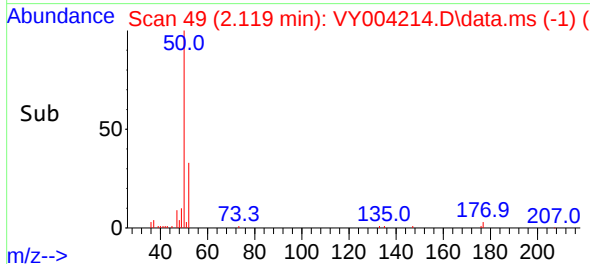
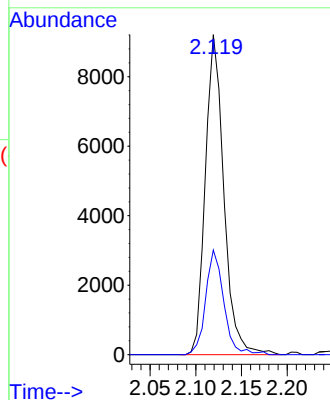
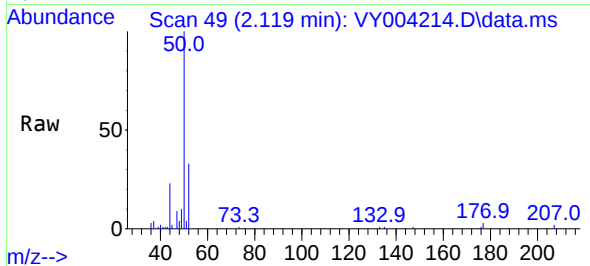
#3
Chloromethane
Concen: 6.17 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 50 Resp: 12959
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

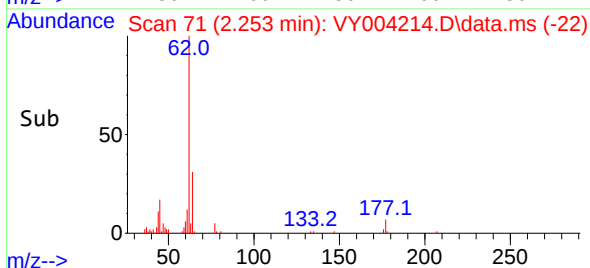
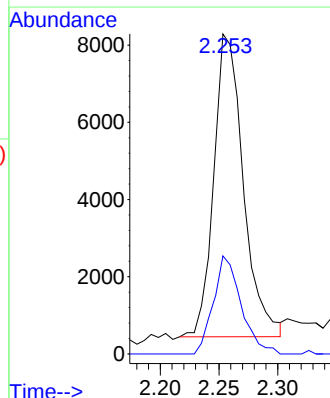
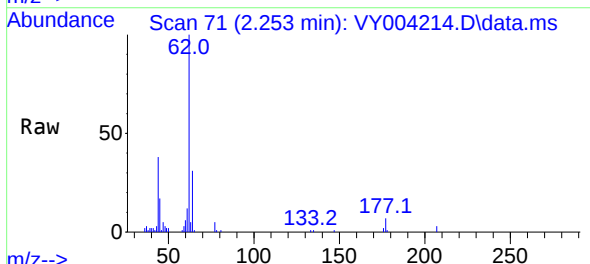
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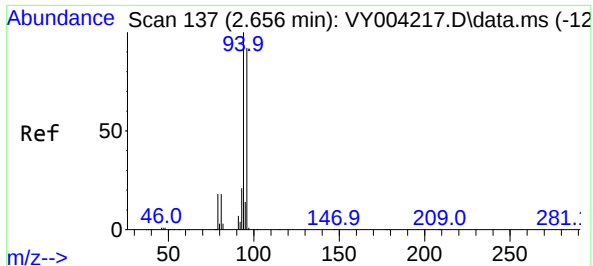
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#4
Vinyl Chloride
Concen: 5.87 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 62 Resp: 13704
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





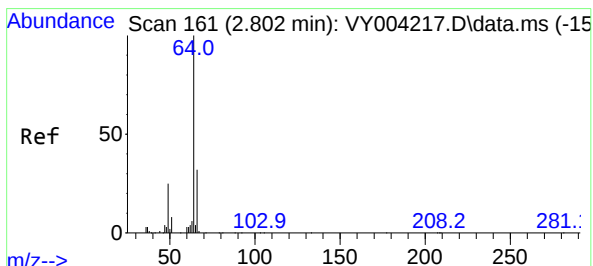
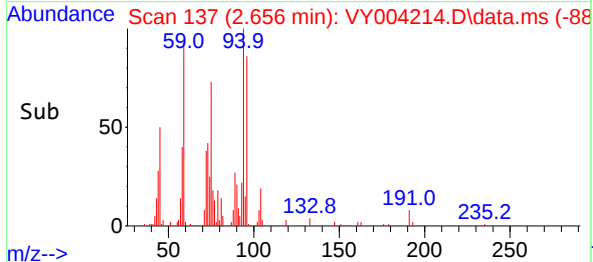
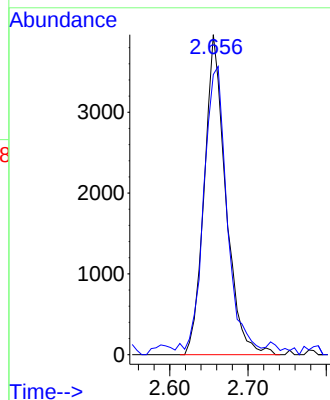
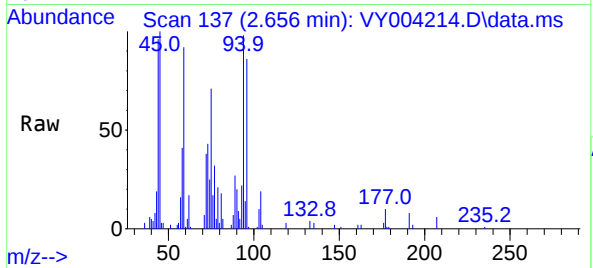
#5
Bromomethane
Concen: 5.19 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 94 Resp: 7558
Ion Ratio Lower Upper
94 100
96 86.2 73.8 110.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

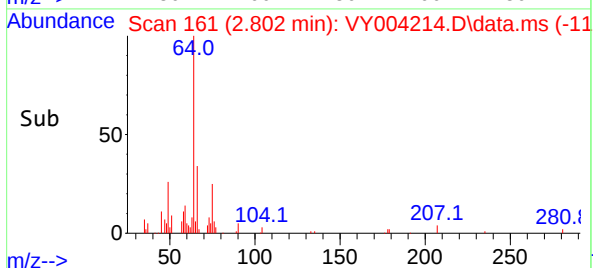
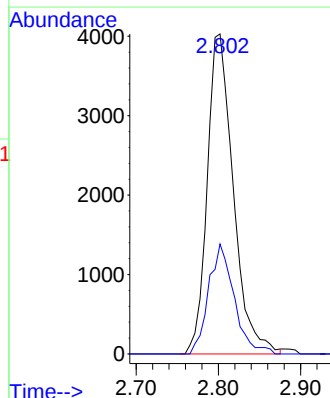
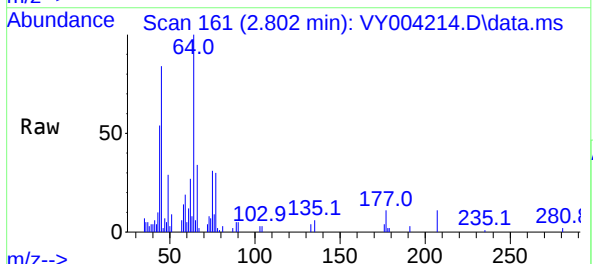
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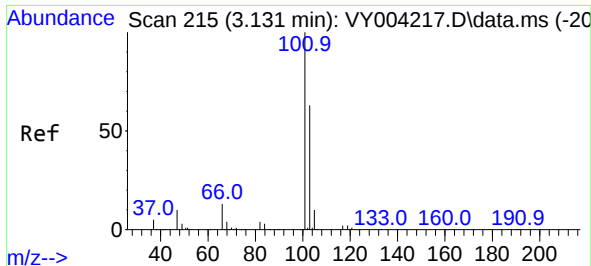
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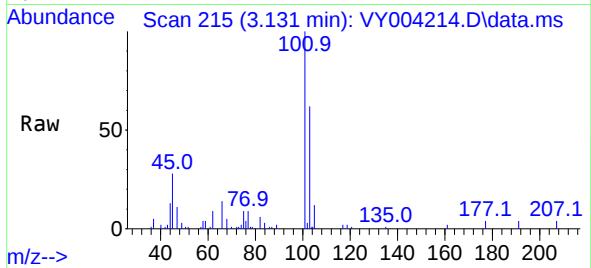
#6
Chloroethane
Concen: 6.22 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 64 Resp: 8889
Ion Ratio Lower Upper
64 100
66 34.4 25.8 38.8

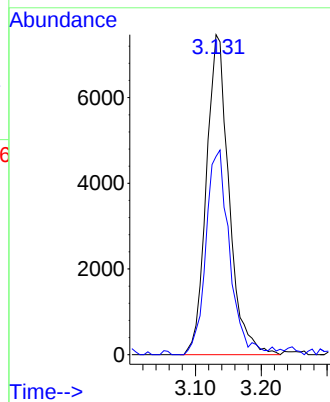
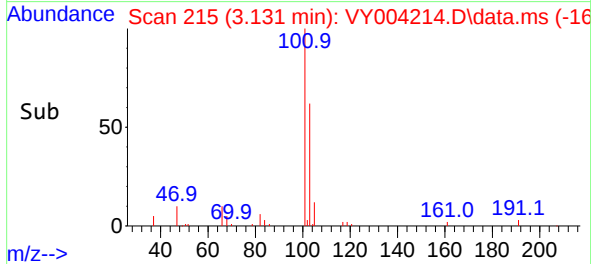




#7
Trichlorofluoromethane
Concen: 5.80 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



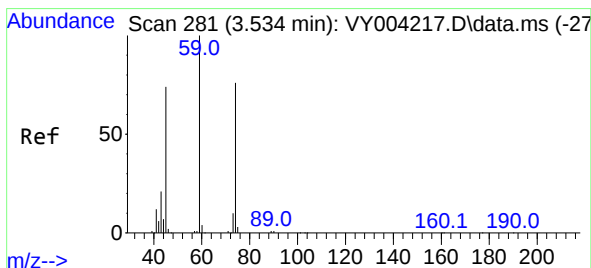
Tgt Ion:101 Resp: 17861
Ion Ratio Lower Upper
101 100
103 62.0 50.2 75.2



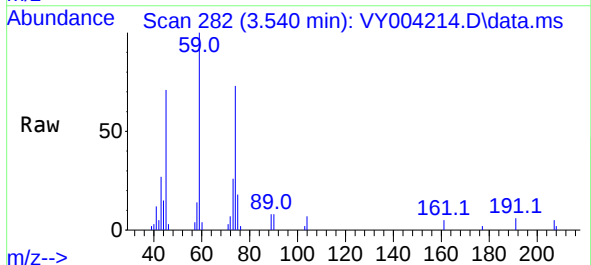
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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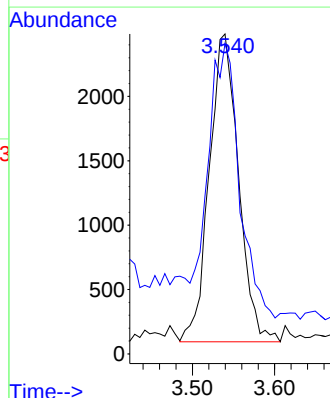
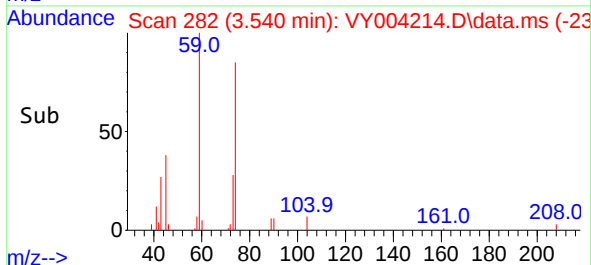
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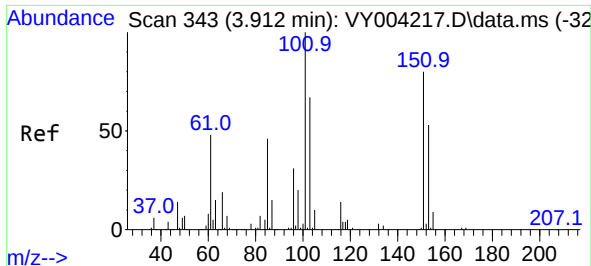


#8
Diethyl Ether
Concen: 6.03 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



Tgt Ion: 74 Resp: 5915
Ion Ratio Lower Upper
74 100
45 94.8 48.1 144.3





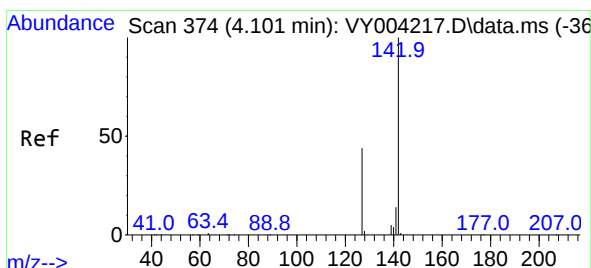
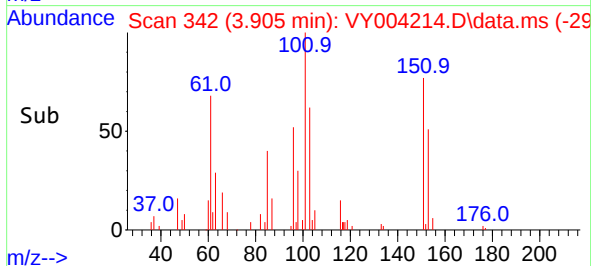
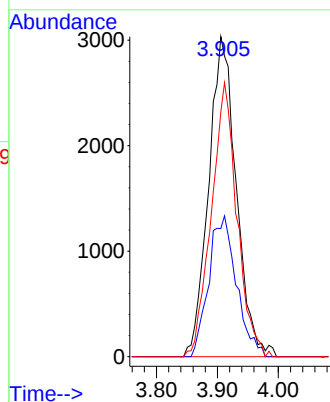
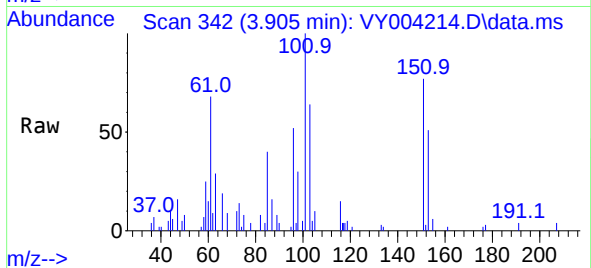
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.60 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:101 Resp: 9572
Ion Ratio Lower Upper
101 100
85 44.0 37.2 55.8
151 79.3 64.2 96.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

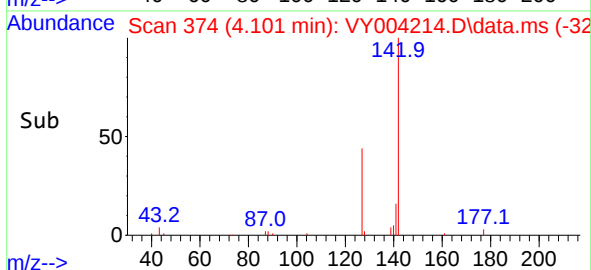
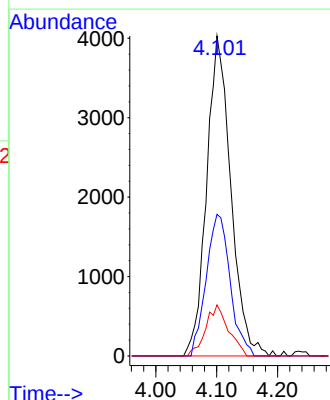
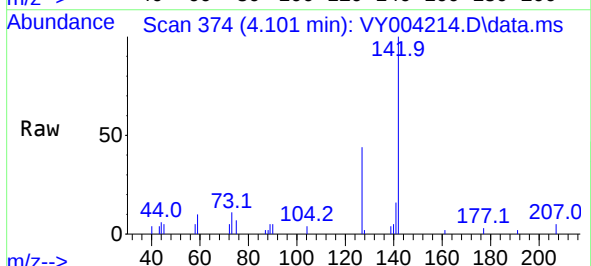
Manual Integrations
APPROVED

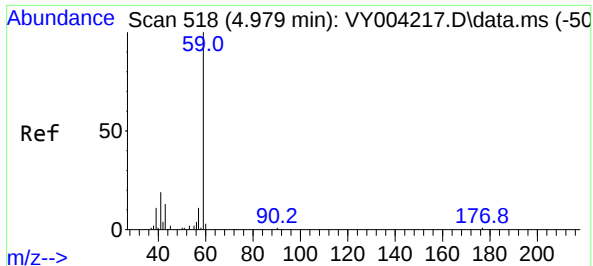
MMDadoda
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#10
Methyl Iodide
Concen: 6.27 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:142 Resp: 11134
Ion Ratio Lower Upper
142 100
127 43.6 36.0 54.0
141 15.0 11.3 16.9





#11

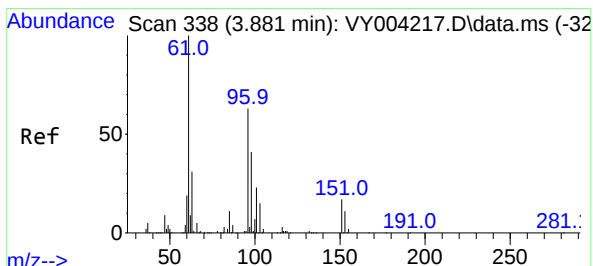
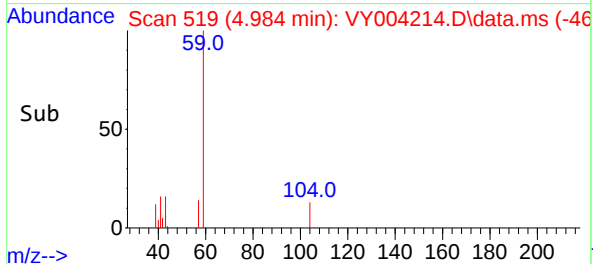
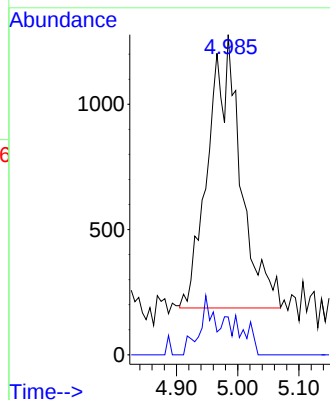
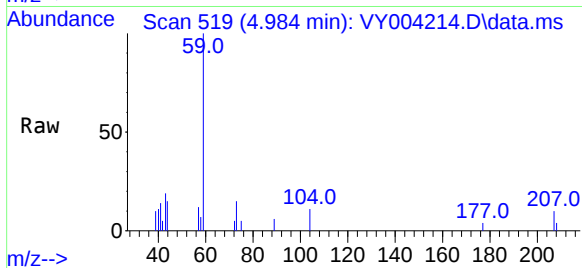
Tert butyl alcohol
Concen: 24.42 ug/l m
RT: 4.984 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 59 Resp: 4018
Ion Ratio Lower Upper
59 100
57 9.1 8.9 13.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

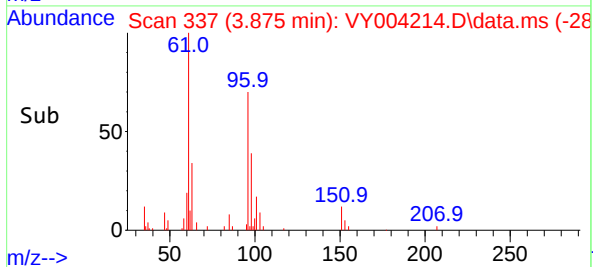
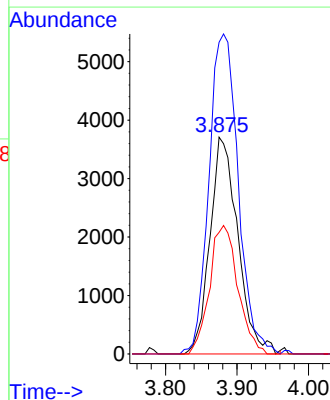
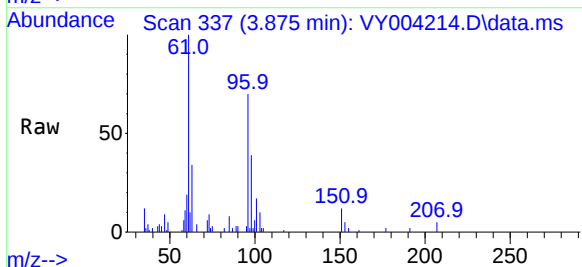
MMDadoda
3/30/2021 7:22:47 PM

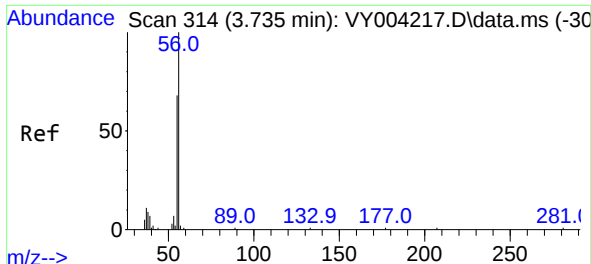


#12

1,1-Dichloroethene
Concen: 5.98 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

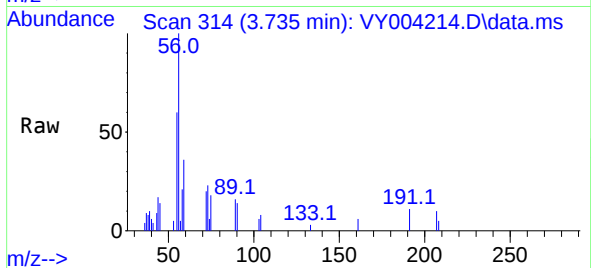
Tgt Ion: 96 Resp: 10055
Ion Ratio Lower Upper
96 100
61 143.8 127.2 190.8
98 56.1 51.8 77.8



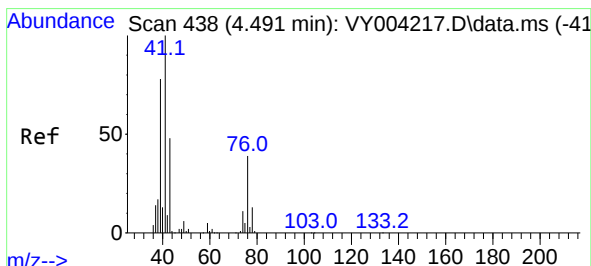
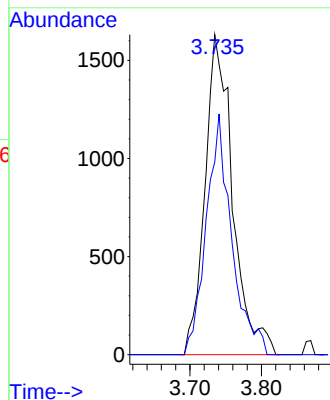
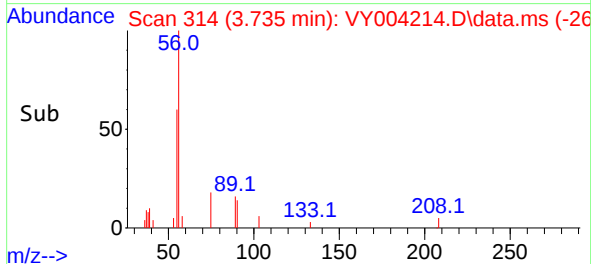


#13
Acrolein
Concen: 28.53 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

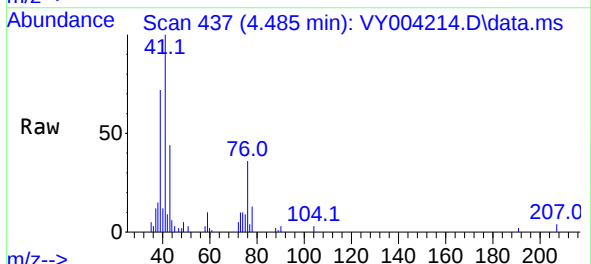
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



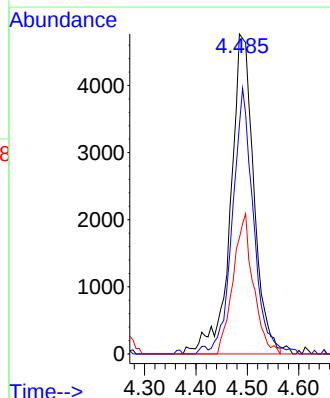
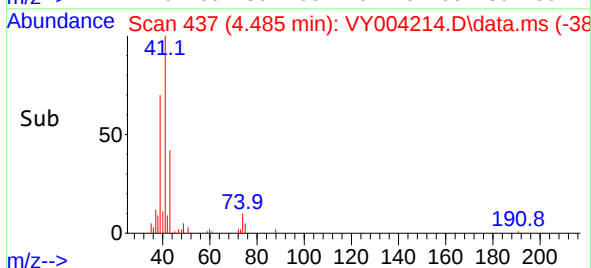
Tgt Ion: 56 Resp: 4393
Ion Ratio Lower Upper
56 100
55 68.8 55.0 82.4

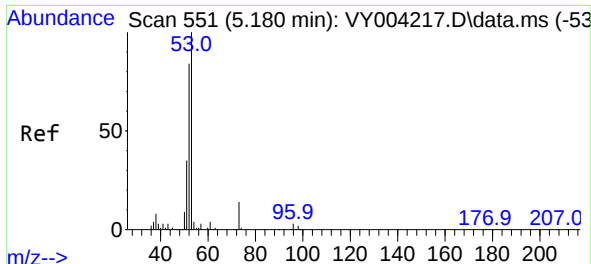


#14
Allyl chloride
Concen: 5.45 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



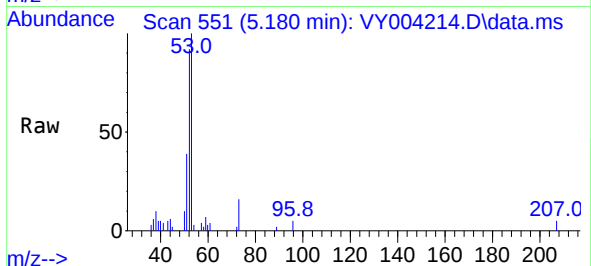
Tgt Ion: 41 Resp: 14982
Ion Ratio Lower Upper
41 100
39 74.6 60.2 90.4
76 38.0 30.3 45.5





#15
Acrylonitrile
Concen: 26.37 ug/l
RT: 5.180 min Scan# 551
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

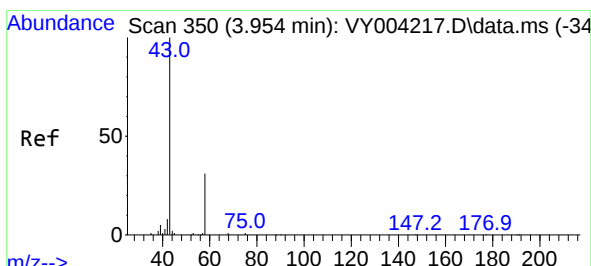
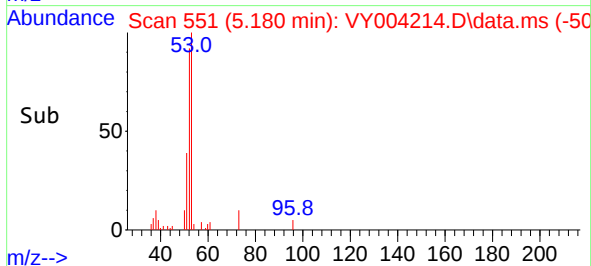
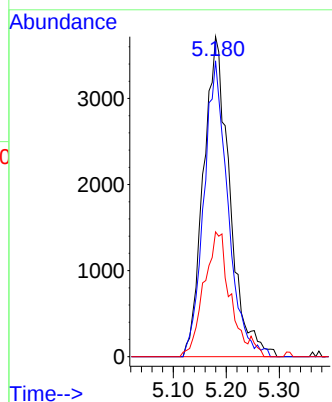
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:	53	Resp:	12755
Ion	Ratio	Lower	Upper
53	100		
52	84.8	65.3	97.9
51	38.0	29.8	44.8

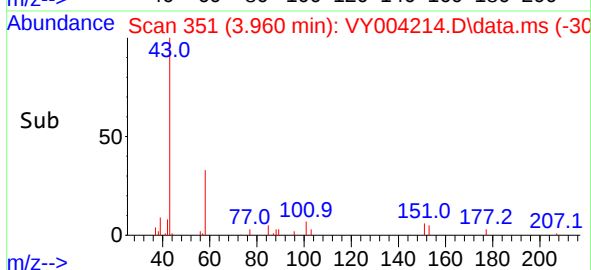
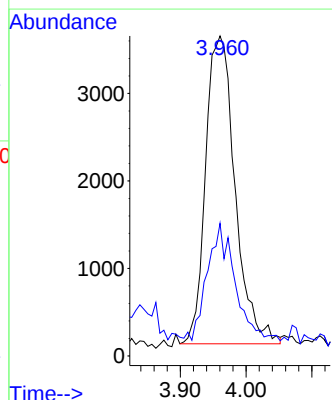
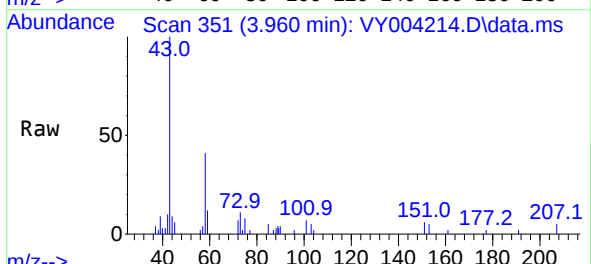
Manual Integrations
APPROVED

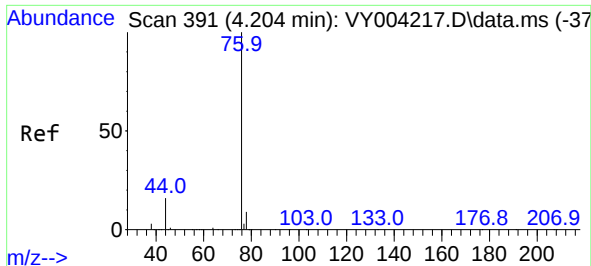
MMDadoda
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#16
Acetone
Concen: 25.49 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

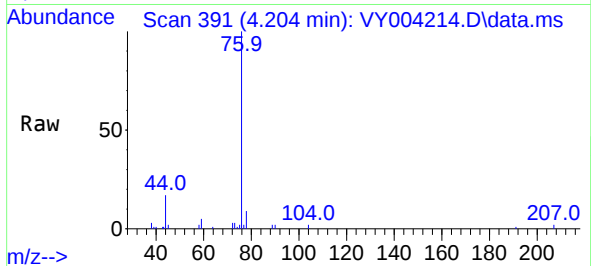
Tgt Ion:	43	Resp:	10953
Ion	Ratio	Lower	Upper
43	100		
58	38.1	24.5	36.7#





#17
Carbon Disulfide
Concen: 5.19 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

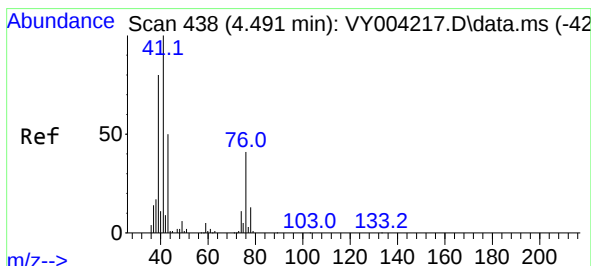
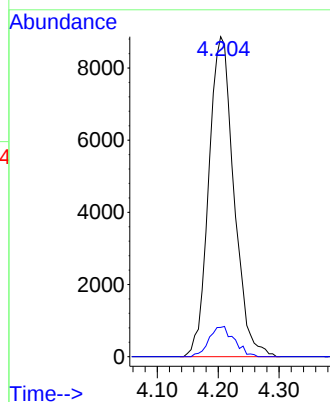
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



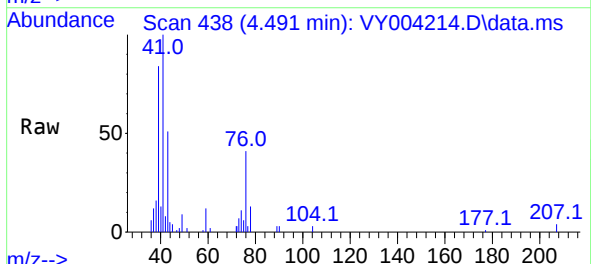
Tgt Ion: 76 Resp: 25398
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

Manual Integrations
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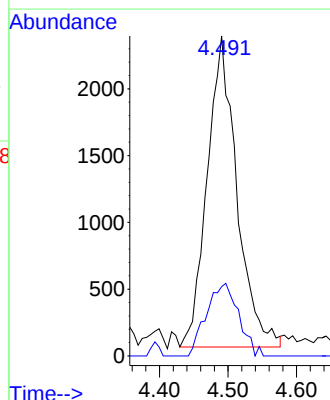
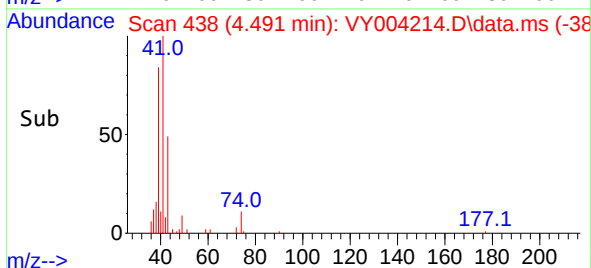
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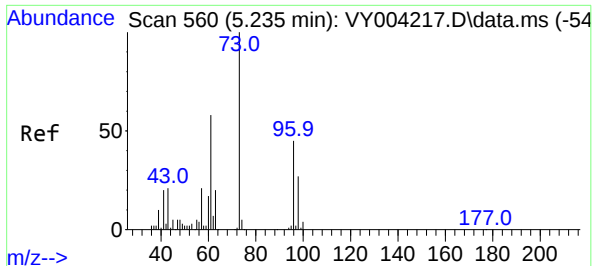


#18
Methyl Acetate
Concen: 6.22 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



Tgt Ion: 43 Resp: 7003
Ion Ratio Lower Upper
43 100
74 25.3 19.1 28.7





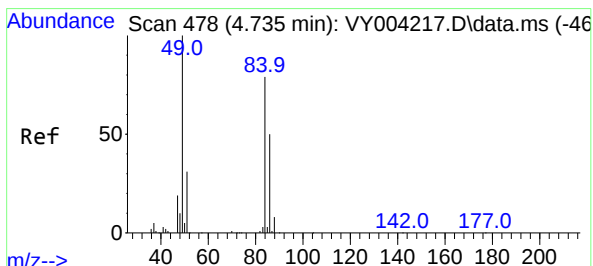
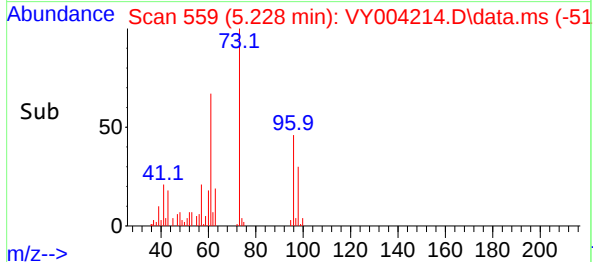
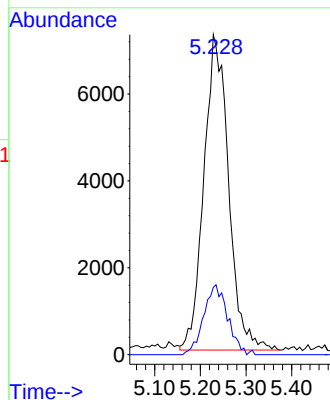
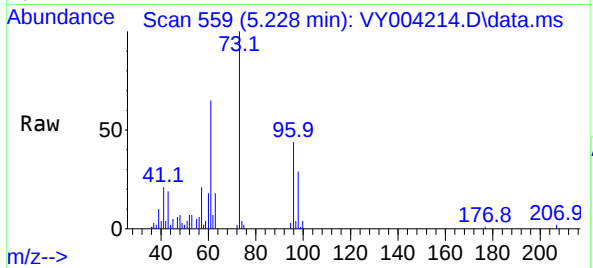
#19
Methyl tert-butyl Ether
Concen: 5.73 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 73 Resp: 27301
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

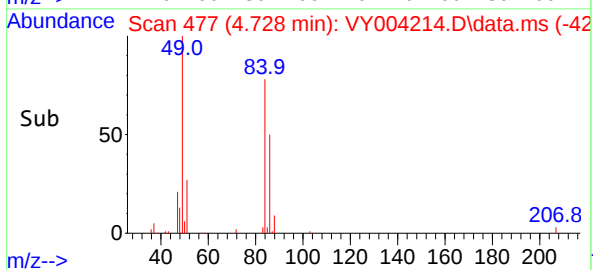
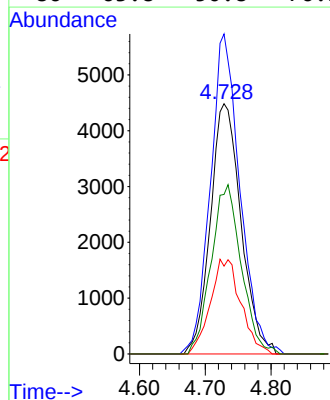
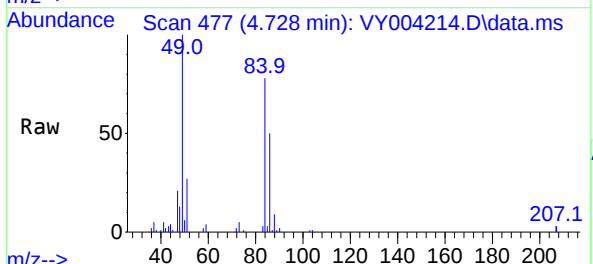
Manual Integrations
APPROVED

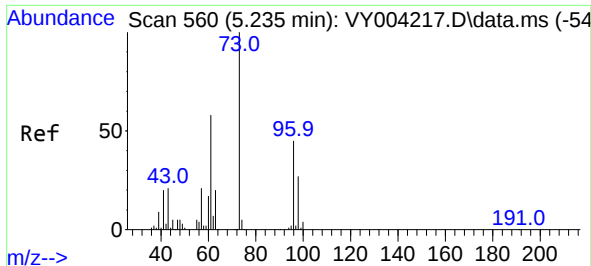
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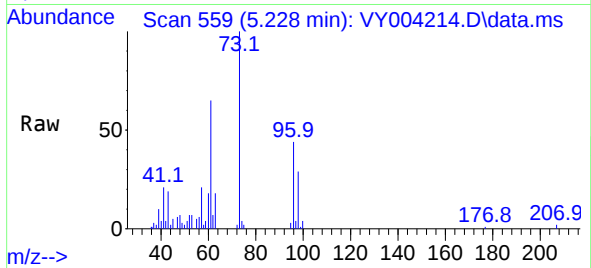
#20
Methylene Chloride
Concen: 6.68 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 84 Resp: 14524
Ion Ratio Lower Upper
84 100
49 127.9 101.5 152.3
51 35.1 31.5 47.3
86 63.8 50.8 76.2

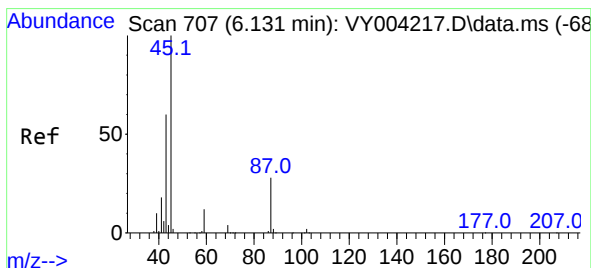
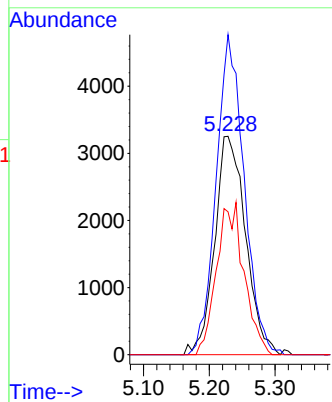
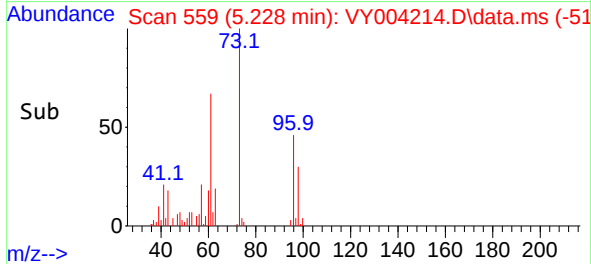




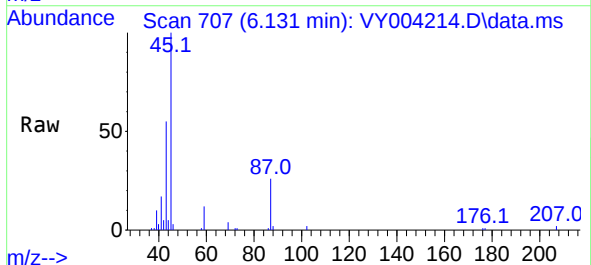
#21
trans-1,2-Dichloroethene
Concen: 5.63 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



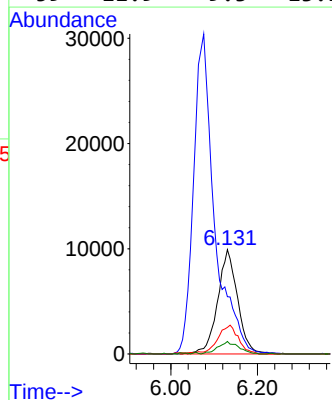
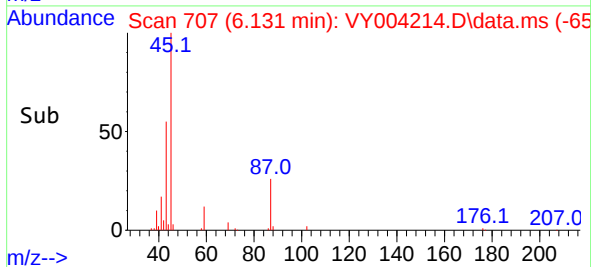
Tgt Ion: 96 Resp: 10625
Ion Ratio Lower Upper
96 100
61 146.5 103.4 155.0
98 65.4 49.3 73.9



#22
Diisopropyl ether
Concen: 5.44 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



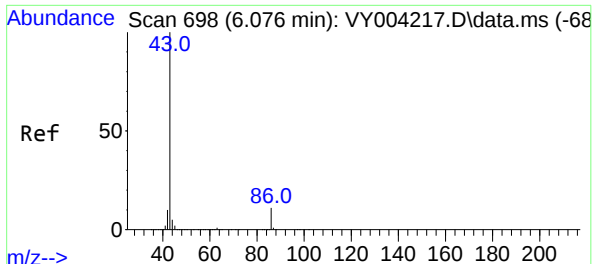
Tgt Ion: 45 Resp: 31649
Ion Ratio Lower Upper
45 100
43 54.3 47.7 71.5
87 25.5 22.7 34.1
59 11.9 9.3 13.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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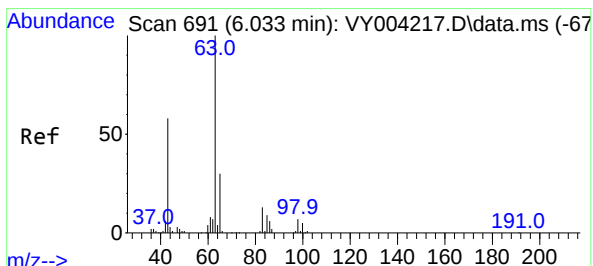
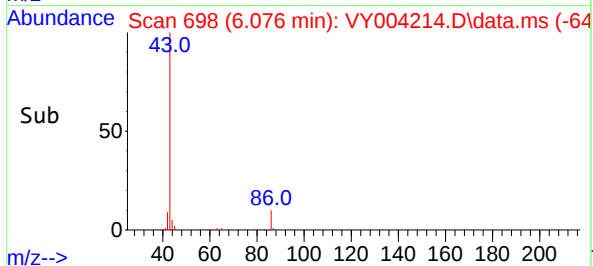
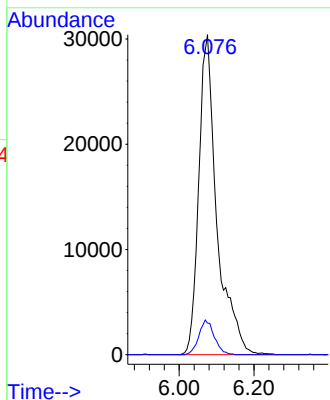
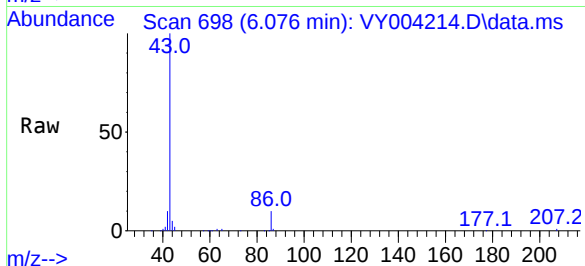
#23
 Vinyl Acetate
 Concen: 26.64 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY004214.D
 Acq: 29 Mar 2021 16:46

Tgt Ion: 43 Resp: 102496
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

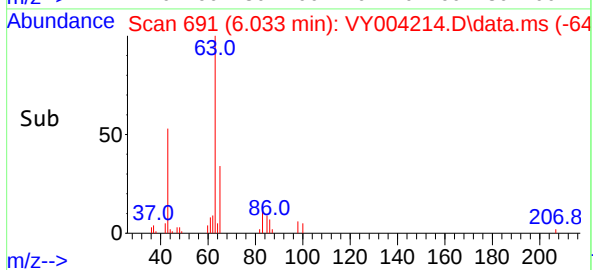
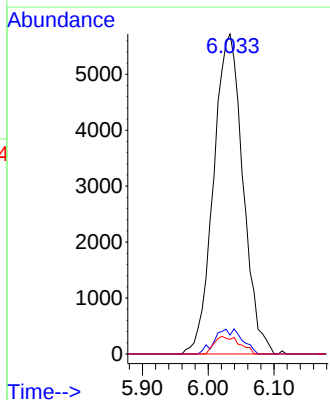
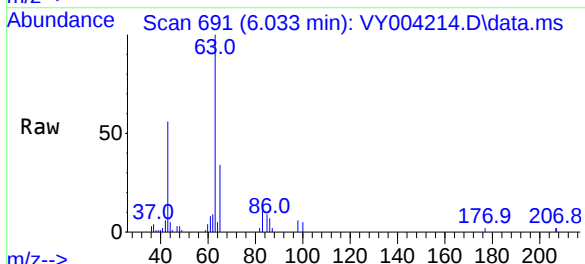
Manual Integrations
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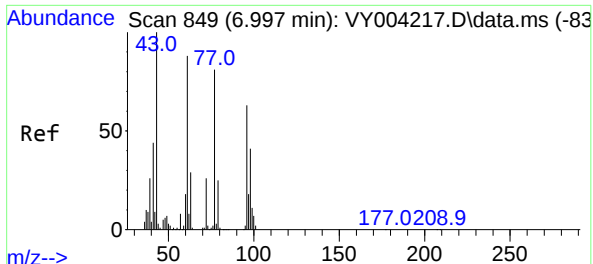
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 5.51 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY004214.D
 Acq: 29 Mar 2021 16:46

Tgt Ion: 63 Resp: 17809
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.4
 100 4.5 2.3 6.9





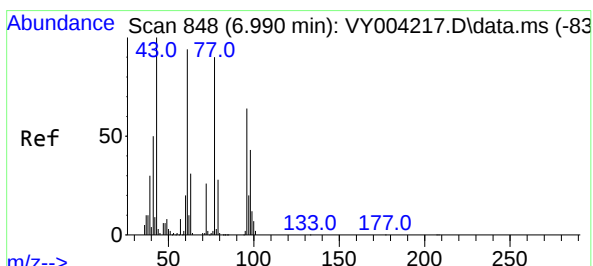
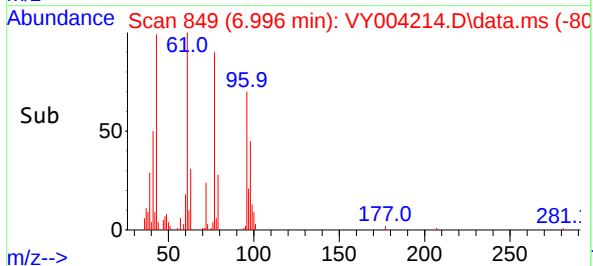
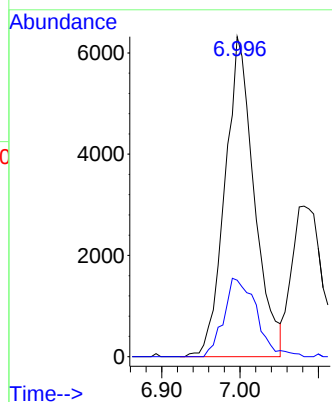
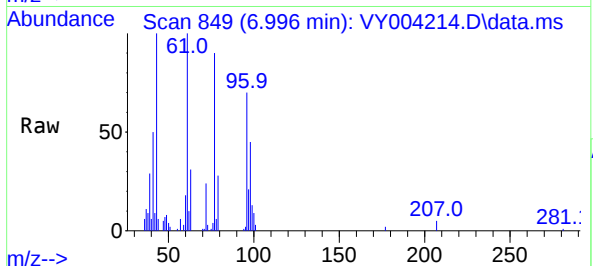
#25
2-Butanone
Concen: 25.54 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 43 Resp: 16425
Ion Ratio Lower Upper
43 100
72 23.9 21.0 31.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

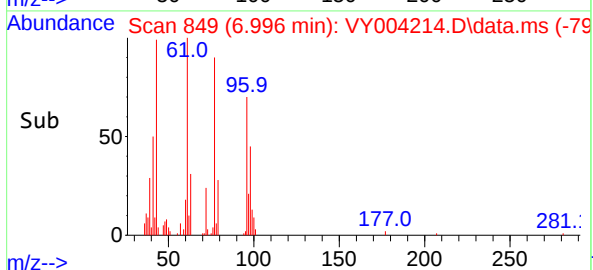
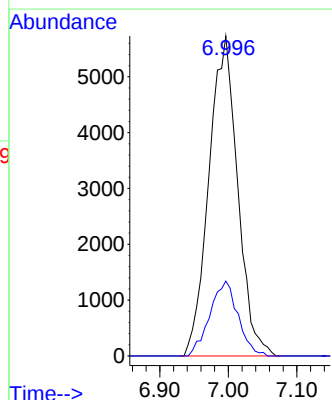
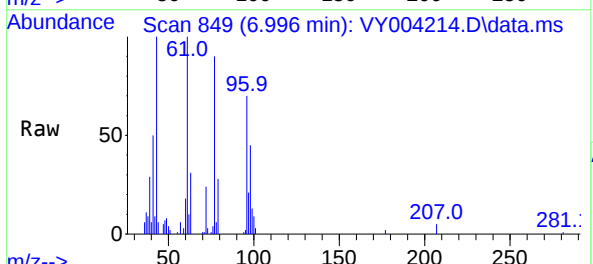
Manual Integrations
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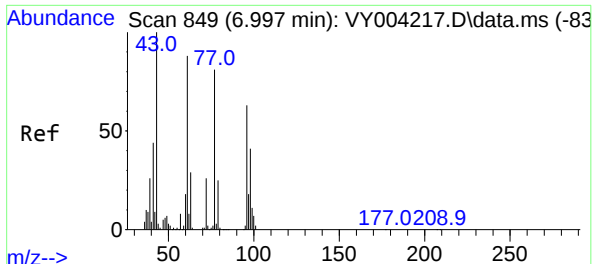
MMDadoda
3/30/2021 7:22:47 PM



#26
2,2-Dichloropropane
Concen: 5.43 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 77 Resp: 16674
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8





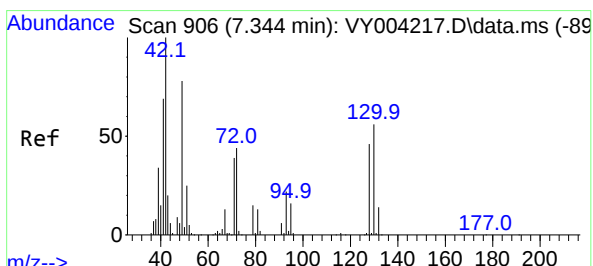
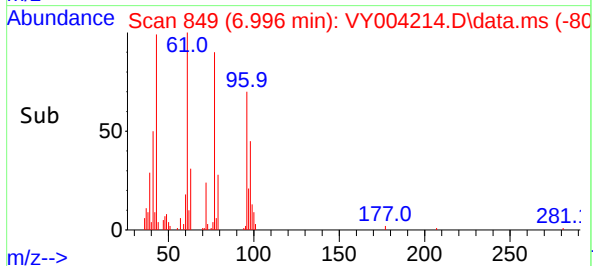
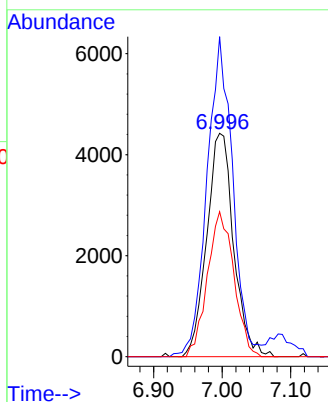
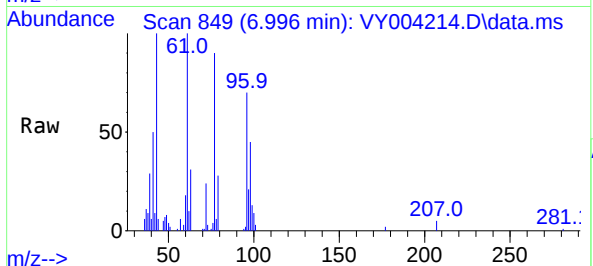
#27
cis-1,2-Dichloroethene
Concen: 5.64 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	96	Resp:	12062
Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	283.2
98	63.9	0.0	128.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

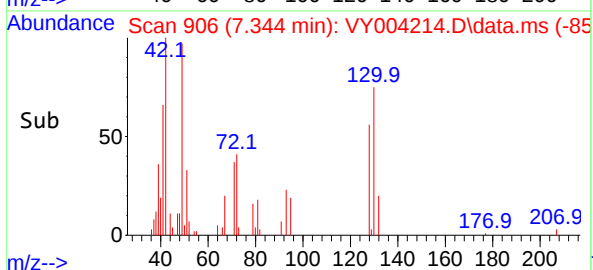
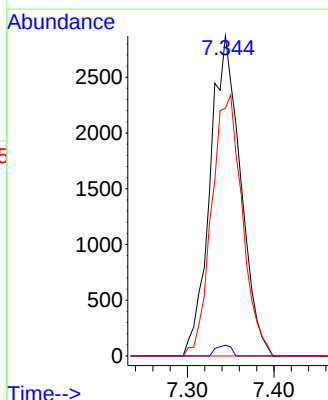
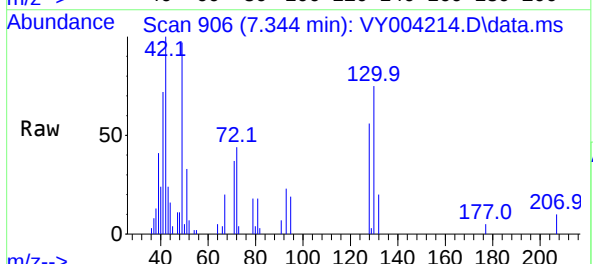
Manual Integrations
APPROVED

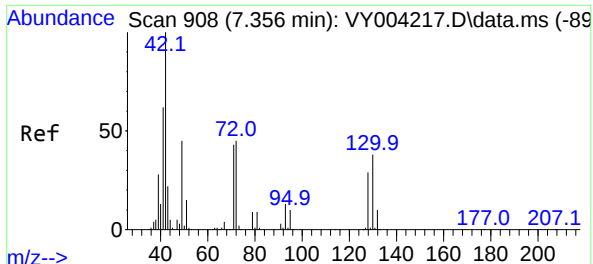
MMDadoda
3/30/2021 7:22:47 PM



#28
Bromochloromethane
Concen: 5.10 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	49	Resp:	7032
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	81.5	62.5	93.7





#29

Tetrahydrofuran

Concen: 28.52 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY004214.D

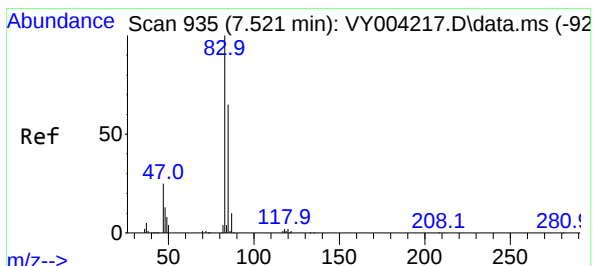
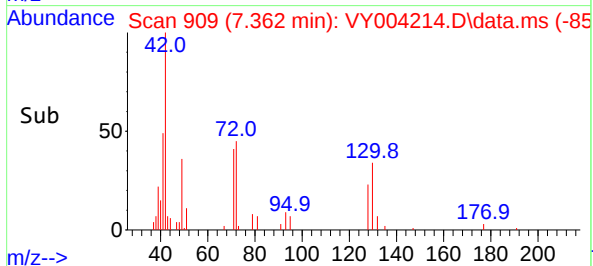
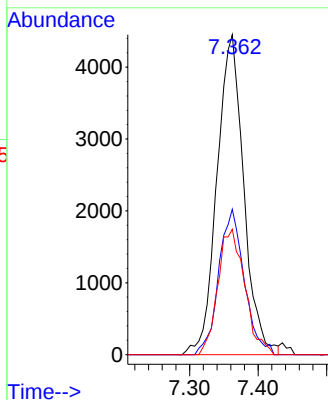
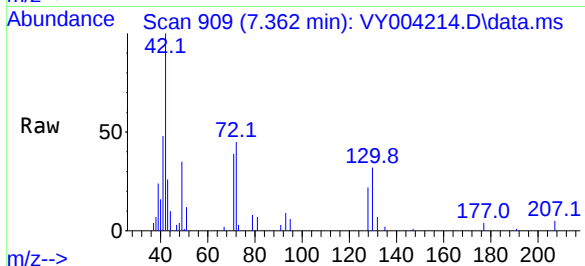
Acq: 29 Mar 2021 16:46

Tgt Ion:	42	Resp:	12086
Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.1	52.7
71	39.3	32.9	49.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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3/30/2021 7:22:47 PM



#30

Chloroform

Concen: 5.70 ug/l

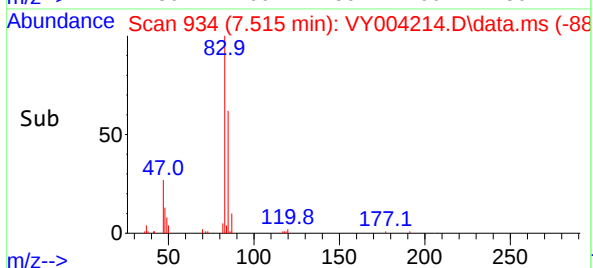
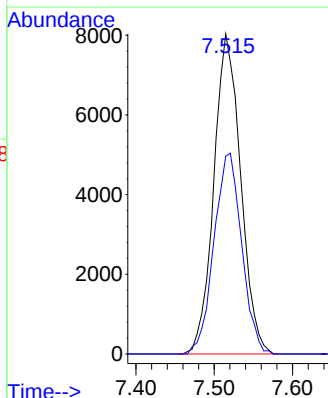
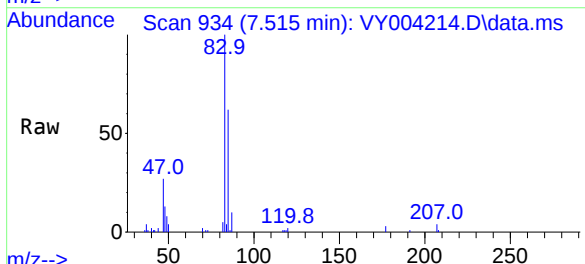
RT: 7.515 min Scan# 934

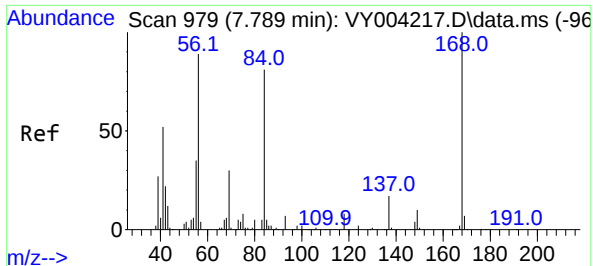
Delta R.T. -0.006 min

Lab File: VY004214.D

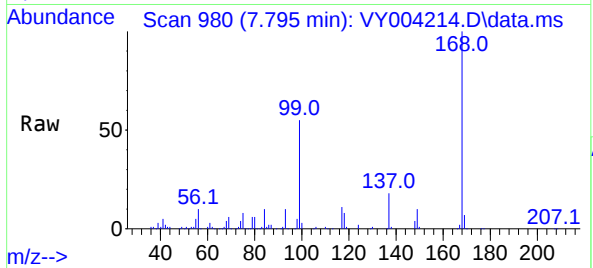
Acq: 29 Mar 2021 16:46

Tgt Ion:	83	Resp:	19135
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.7	77.5

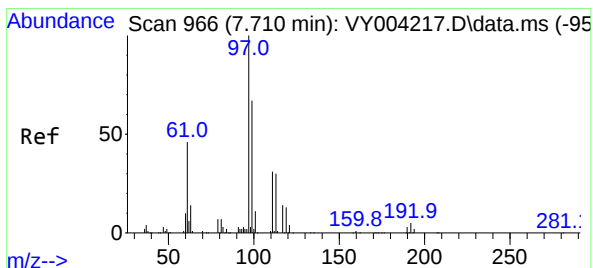
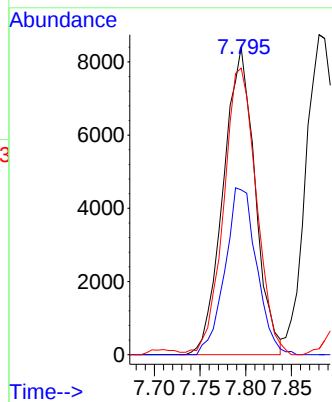
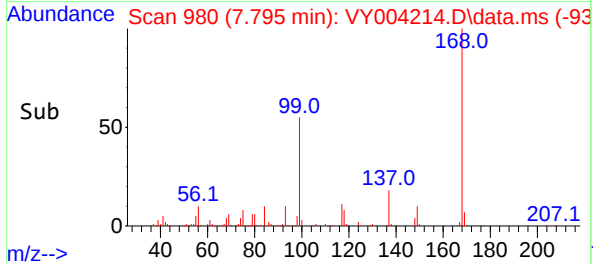




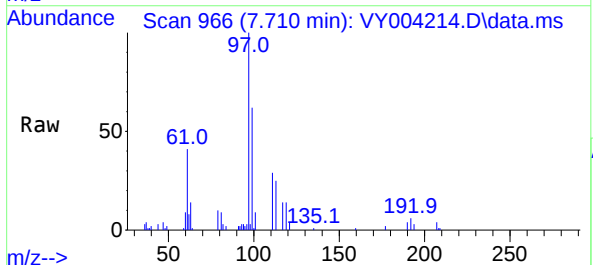
#31
Cyclohexane
Concen: 6.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



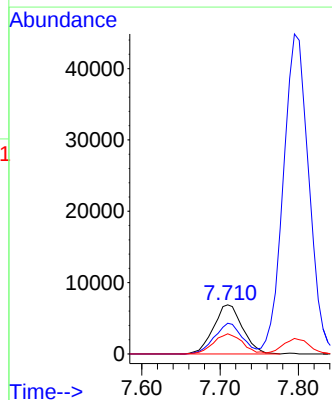
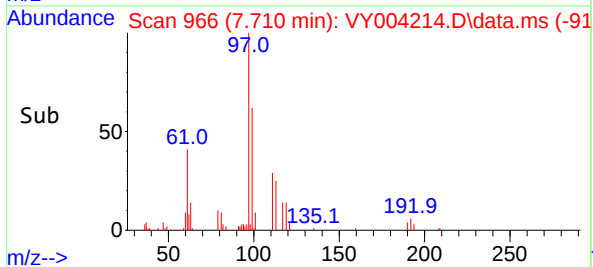
Tgt Ion: 56 Resp: 20280
Ion Ratio Lower Upper
56 100
69 53.6 26.6 40.0#
84 92.3 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 5.70 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



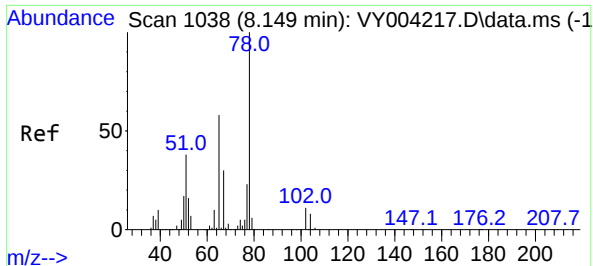
Tgt Ion: 97 Resp: 17707
Ion Ratio Lower Upper
97 100
99 60.1 51.8 77.6
61 41.1 34.6 51.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

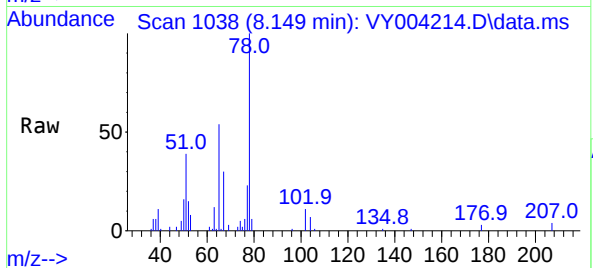
Manual Integrations
APPROVED

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#33
1,2-Dichloroethane-d4
Concen: 5.33 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

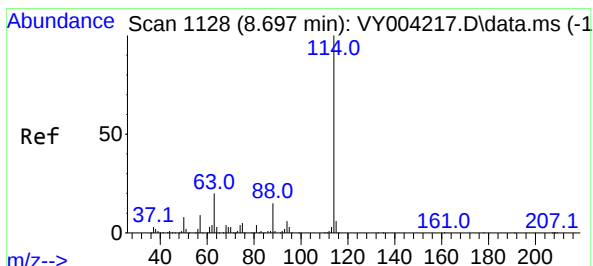
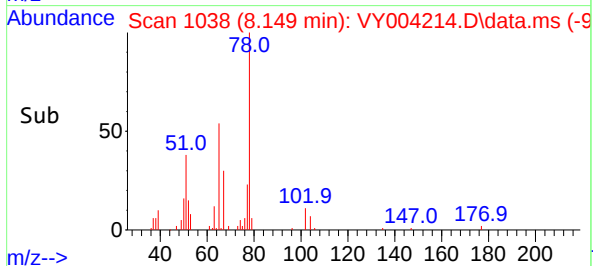
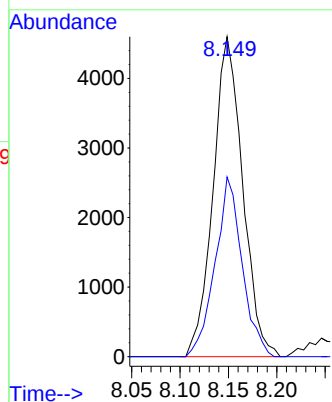
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 65 Resp: 9775
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.2

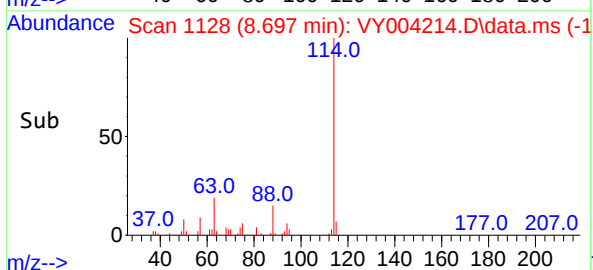
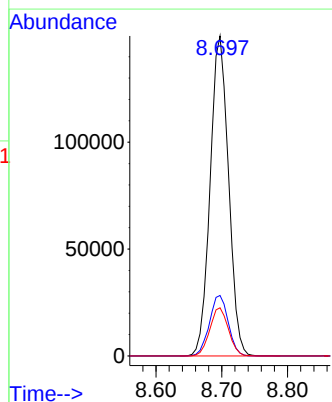
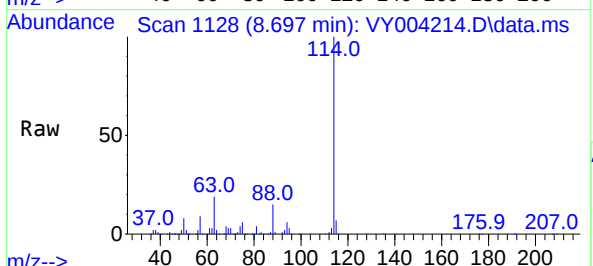
Manual Integrations
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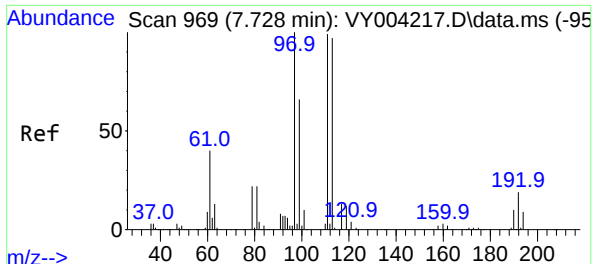
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 114 Resp: 290958
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.4
88 15.0 0.0 30.8





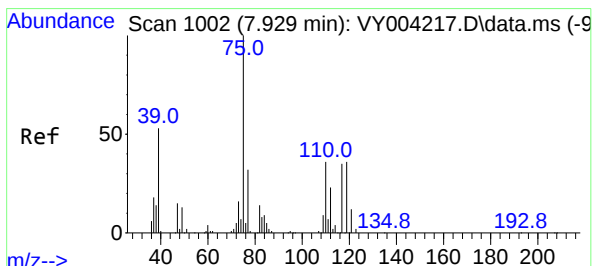
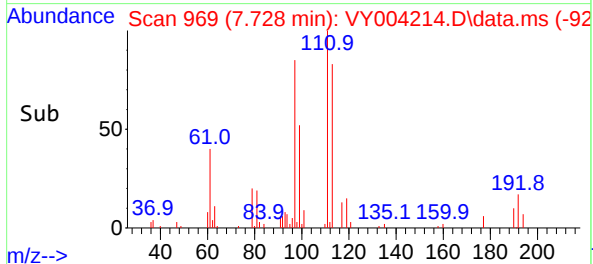
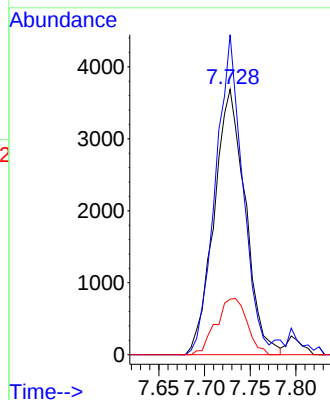
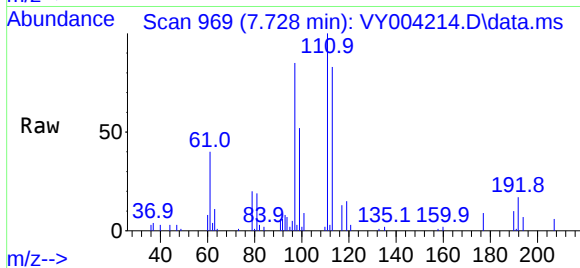
#35
Dibromofluoromethane
Concen: 5.40 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	113	Resp:	8779
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	124.0
192	21.0	16.4	24.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

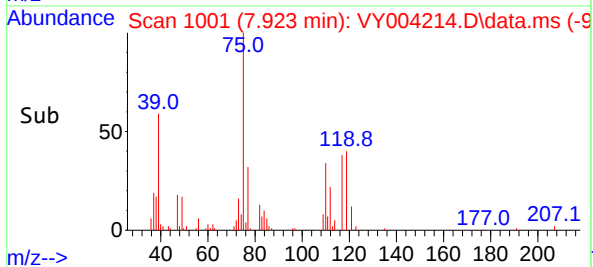
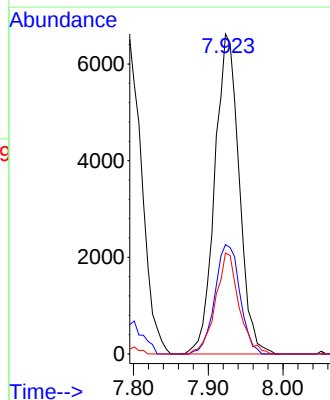
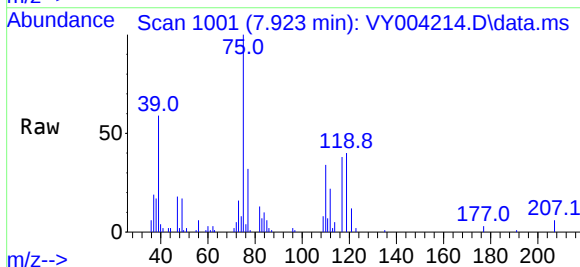
Manual Integrations
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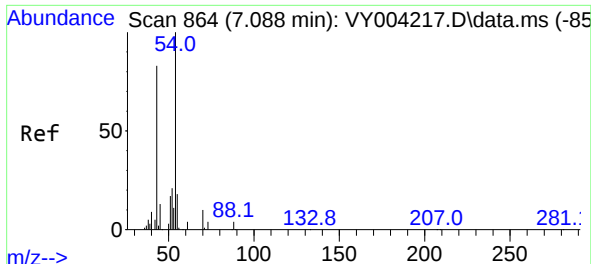
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#36
1,1-Dichloropropene
Concen: 5.80 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	75	Resp:	14999
Ion	Ratio	Lower	Upper
75	100		
110	35.1	18.1	54.3
77	30.2	25.1	37.7





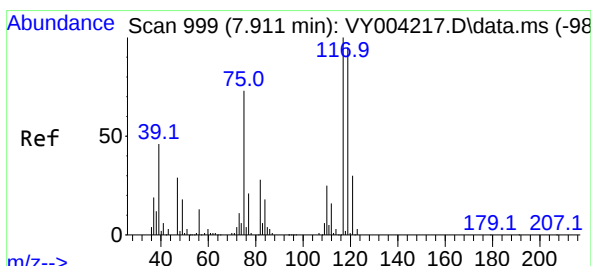
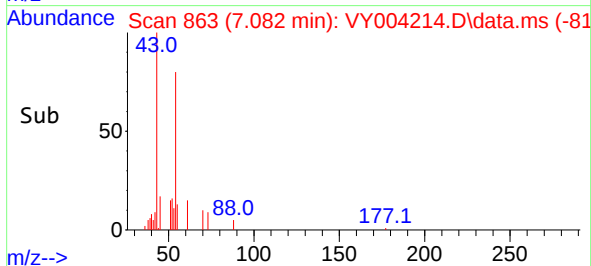
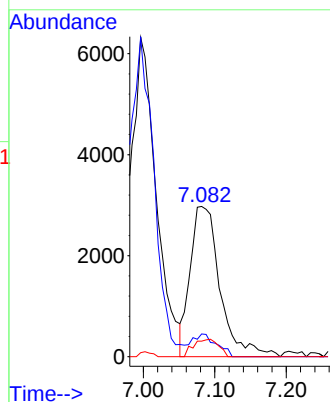
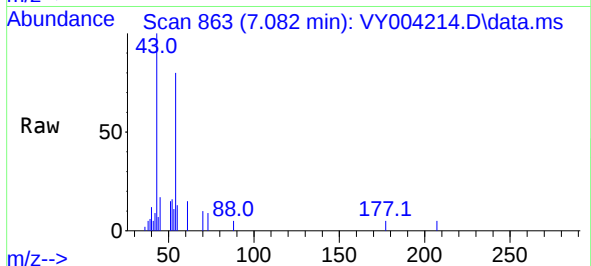
#37
Ethyl Acetate
Concen: 6.16 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	43	Resp:	8618
Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.2	15.2
70	9.8	8.0	12.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

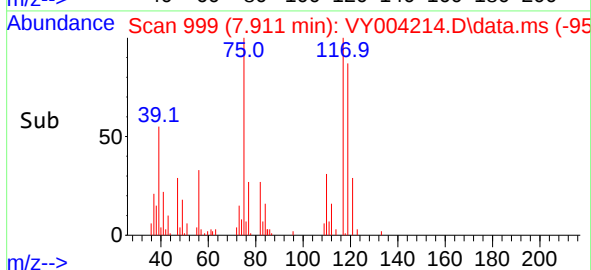
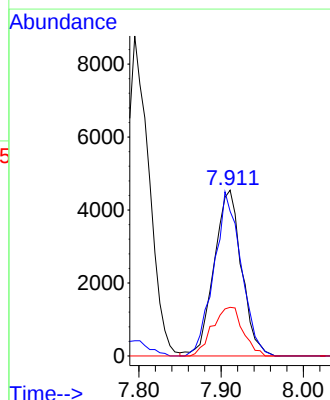
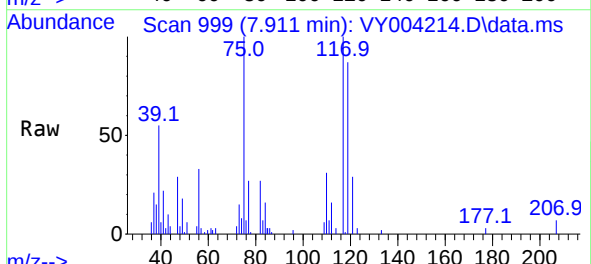
Manual Integrations
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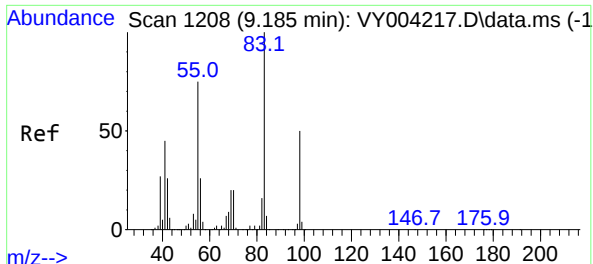
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#38
Carbon Tetrachloride
Concen: 3.97 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	117	Resp:	10611
Ion	Ratio	Lower	Upper
117	100		
119	87.2	75.6	113.4
121	29.3	24.3	36.5





#39

Methylcyclohexane

Concen: 5.50 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY004214.D

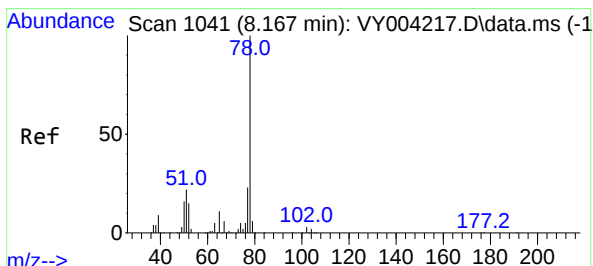
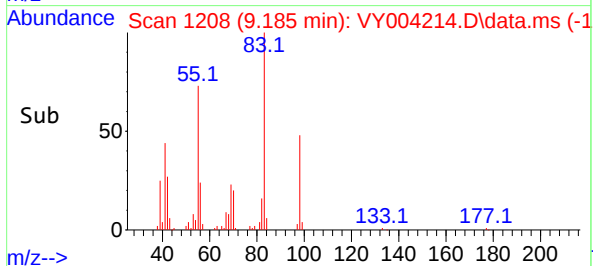
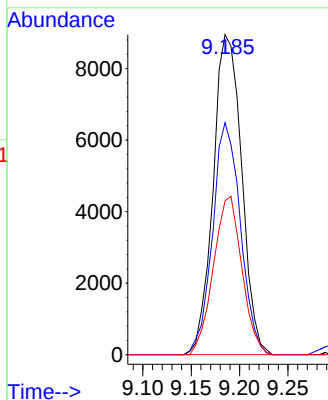
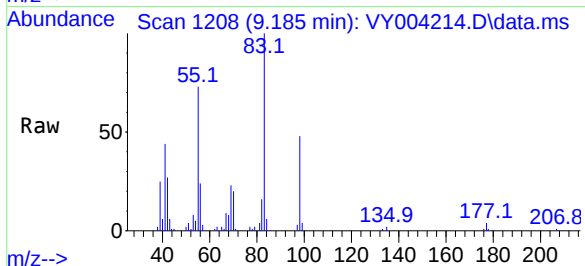
Acq: 29 Mar 2021 16:46

Tgt Ion:	83	Resp:	18314
Ion	Ratio	Lower	Upper
83	100		
55	72.5	60.0	90.0
98	48.1	40.2	60.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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#40

Benzene

Concen: 5.78 ug/l

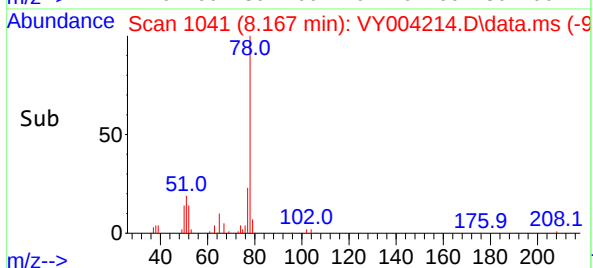
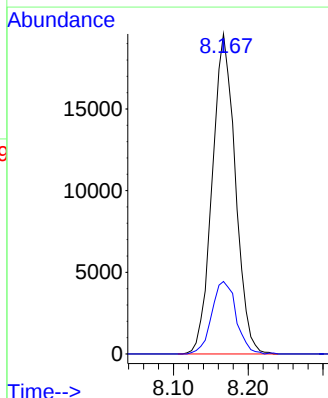
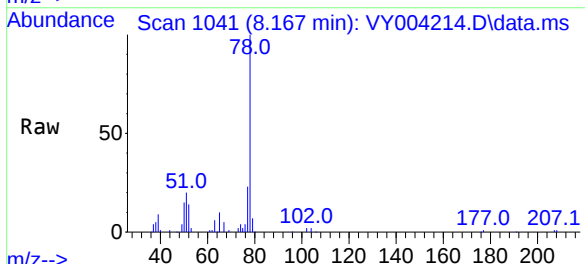
RT: 8.167 min Scan# 1041

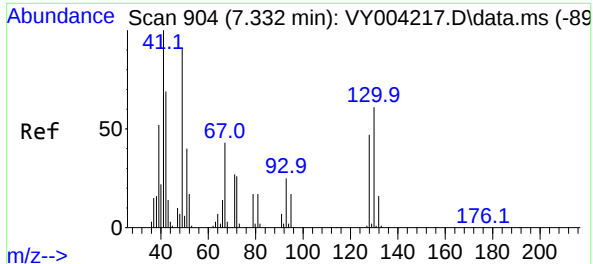
Delta R.T. -0.000 min

Lab File: VY004214.D

Acq: 29 Mar 2021 16:46

Tgt Ion:	78	Resp:	42144
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.3	27.5





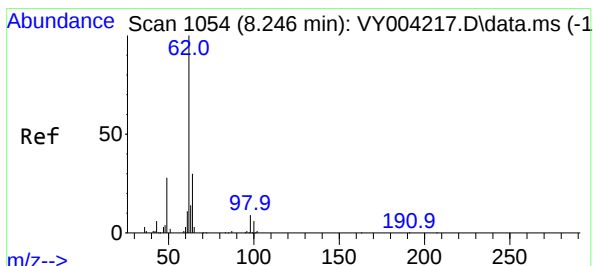
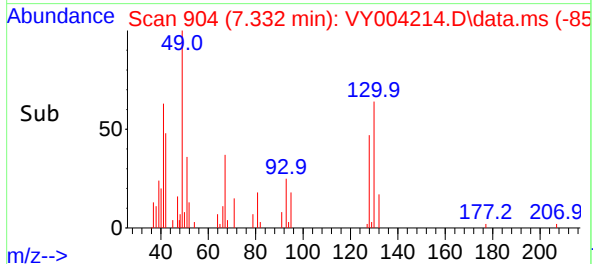
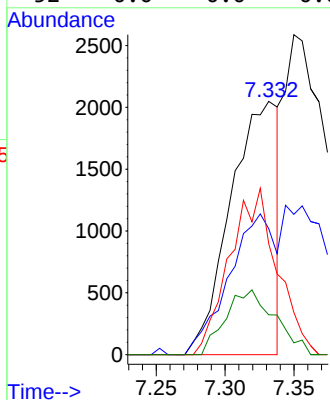
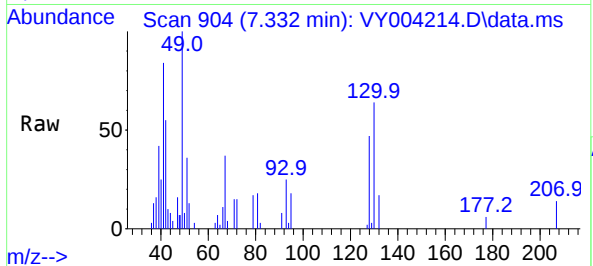
#41
Methacrylonitrile
Concen: 5.80 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	41	Resp:	4950
Ion	Ratio	Lower	Upper
41	100		
39	60.5	103.4	155.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

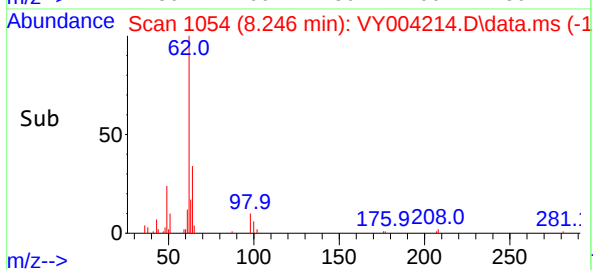
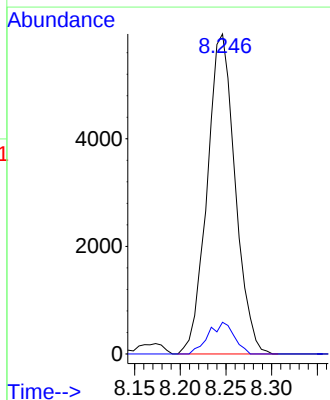
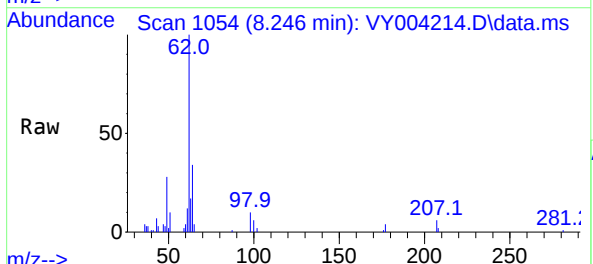
Manual Integrations
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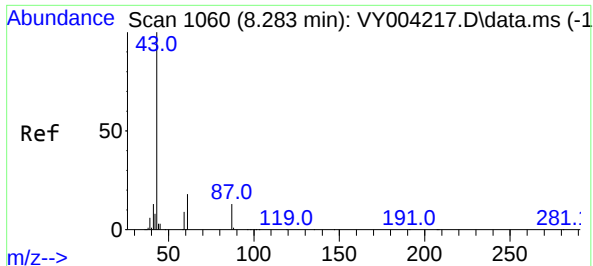
MMDadoda
3/30/2021 7:22:47 PM



#42
1,2-Dichloroethane
Concen: 5.69 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	62	Resp:	12710
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6





#43

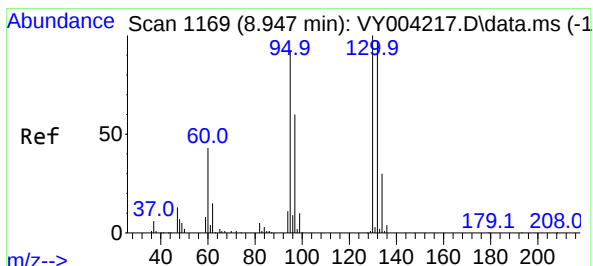
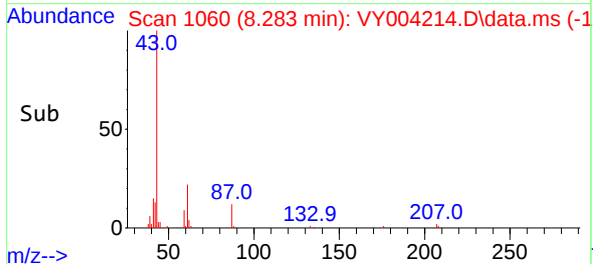
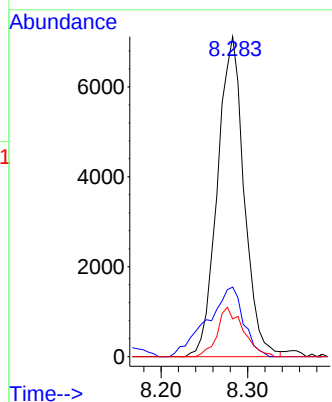
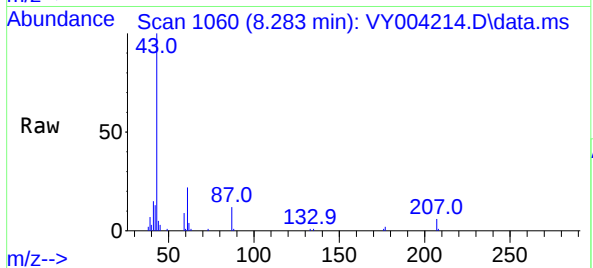
Isopropyl Acetate
Concen: 5.45 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	43	Resp:	15225
Ion	Ratio	Lower	Upper
43	100		
61	29.6	21.9	32.9
87	15.0	10.6	15.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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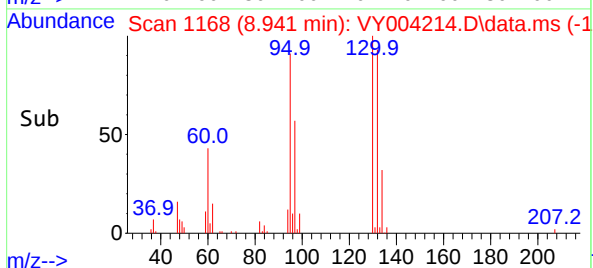
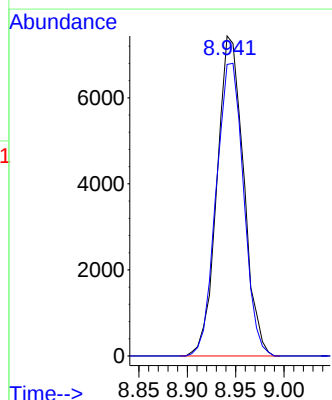
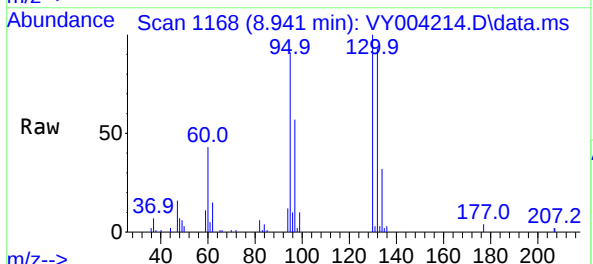
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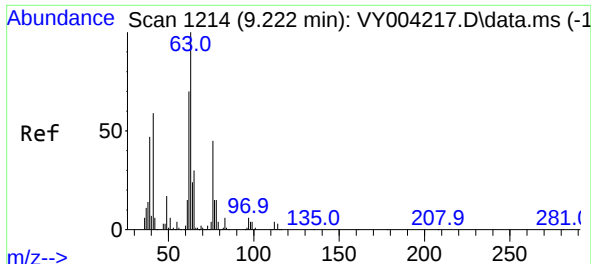


#44

Trichloroethene
Concen: 6.63 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	130	Resp:	14199
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	183.0





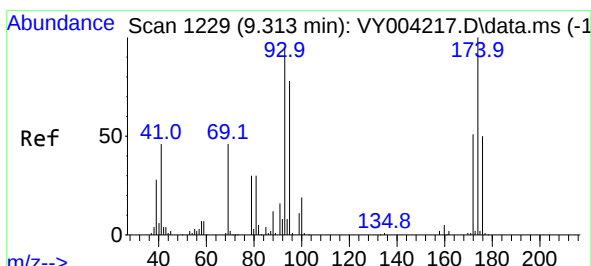
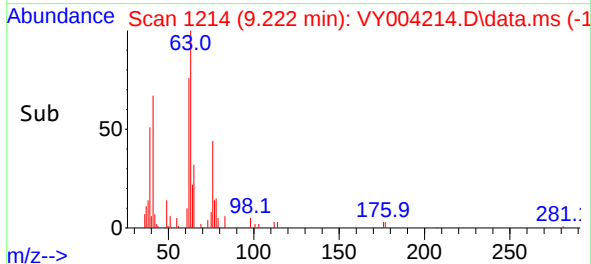
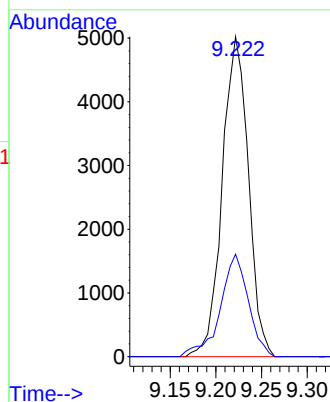
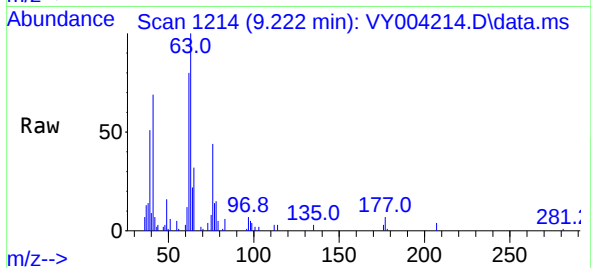
#45
1,2-Dichloropropane
Concen: 5.50 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 63 Resp: 9981
Ion Ratio Lower Upper
63 100
65 32.1 23.7 35.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

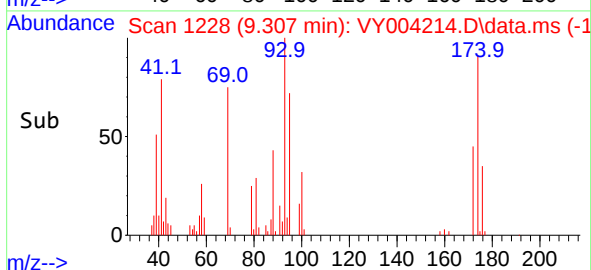
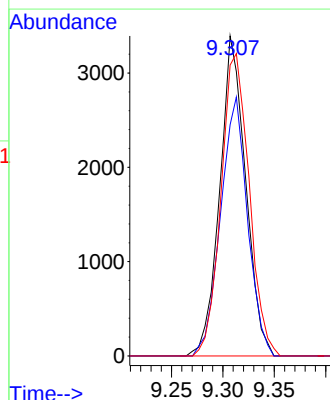
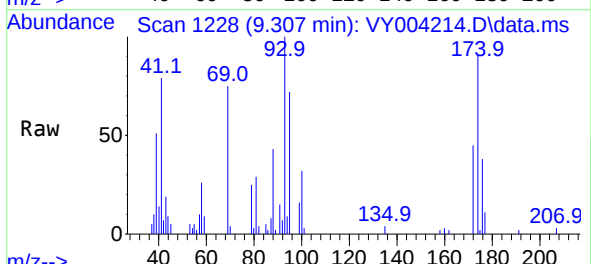
Manual Integrations
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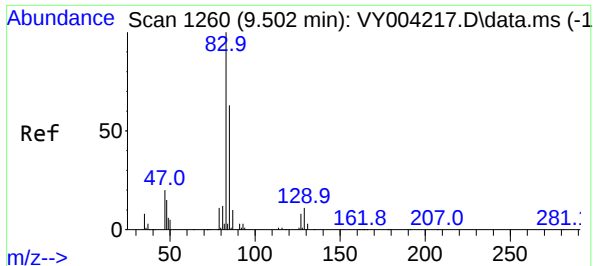
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#46
Dibromomethane
Concen: 5.70 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 93 Resp: 5938
Ion Ratio Lower Upper
93 100
95 84.2 64.6 97.0
174 102.6 82.7 124.1





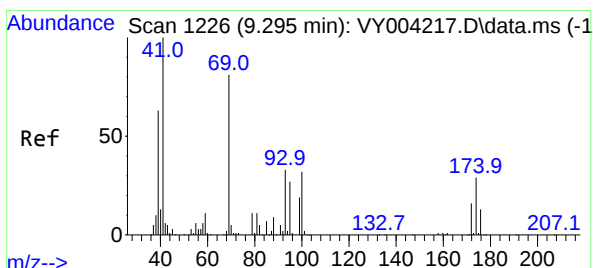
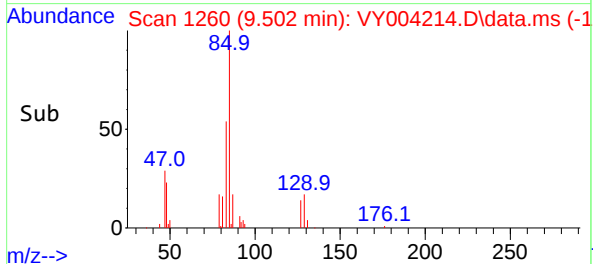
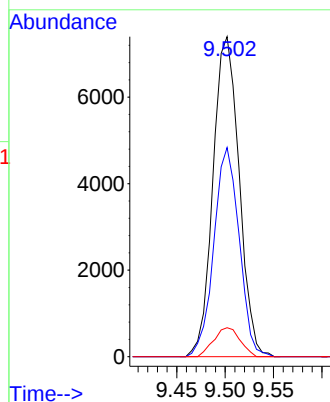
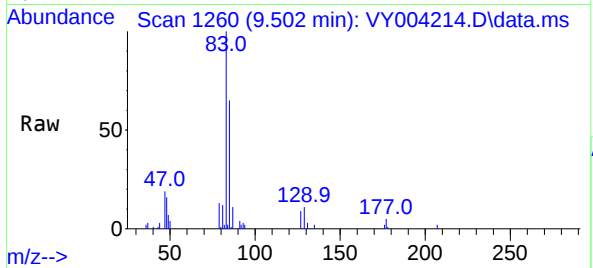
#47
Bromodichloromethane
Concen: 5.38 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 83 Resp: 13902
Ion Ratio Lower Upper
83 100
85 65.4 50.3 75.5
127 9.1 6.7 10.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

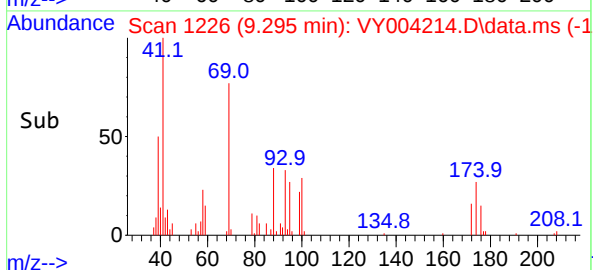
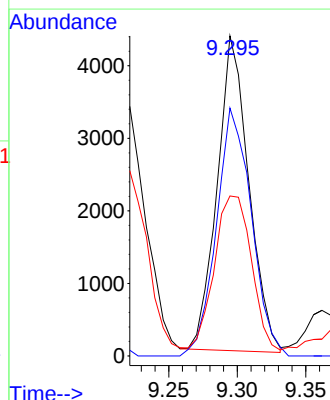
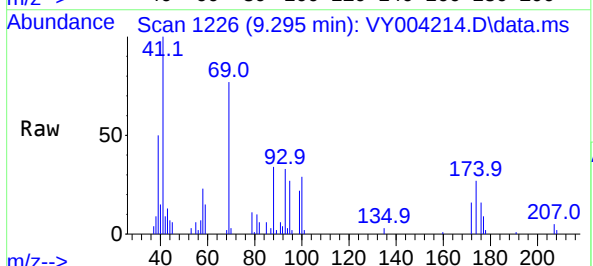
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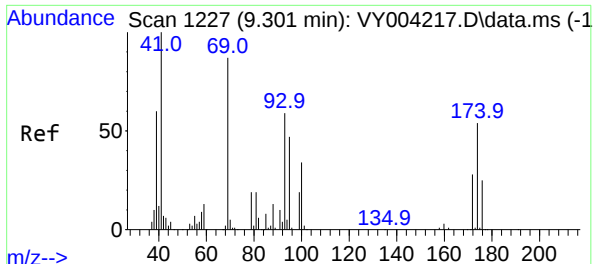
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#48
Methyl methacrylate
Concen: 5.27 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 41 Resp: 6956
Ion Ratio Lower Upper
41 100
69 87.2 67.0 100.4
39 61.6 49.0 73.6





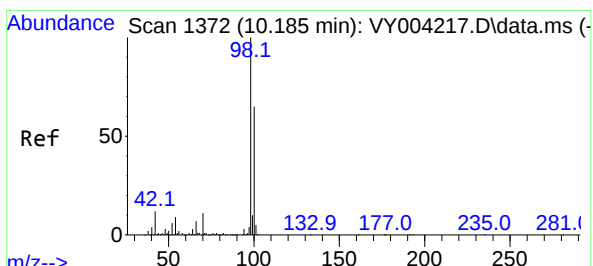
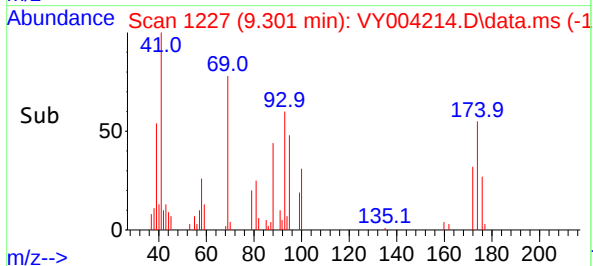
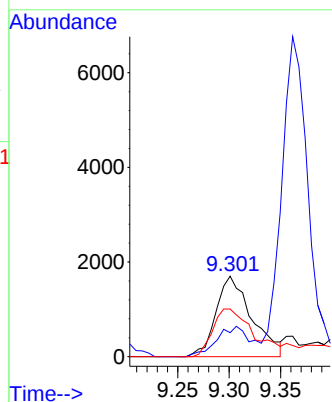
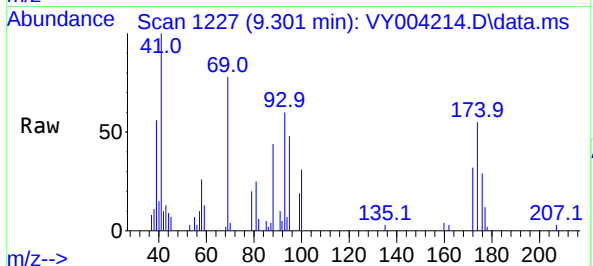
#49
1,4-Dioxane
Concen: 317.58 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 88 Resp: 4123
Ion Ratio Lower Upper
88 100
43 36.2 26.8 40.2
58 73.0 46.2 69.2#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

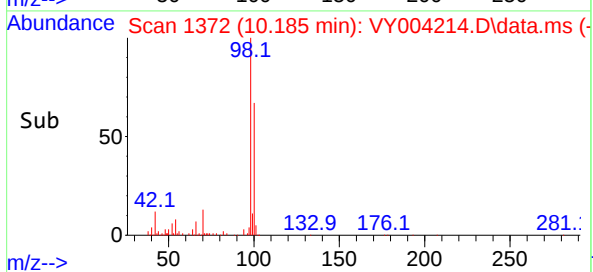
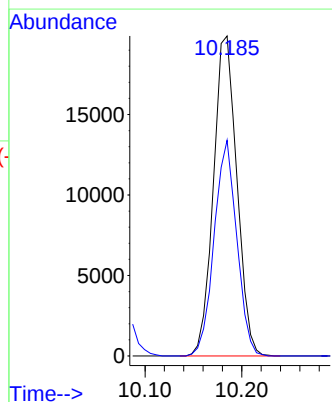
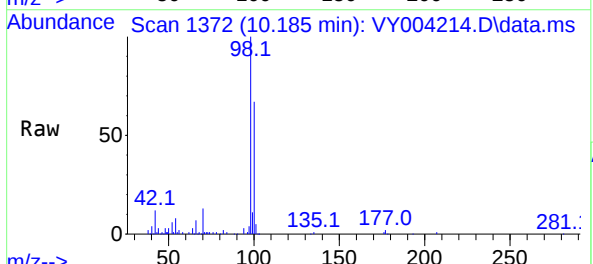
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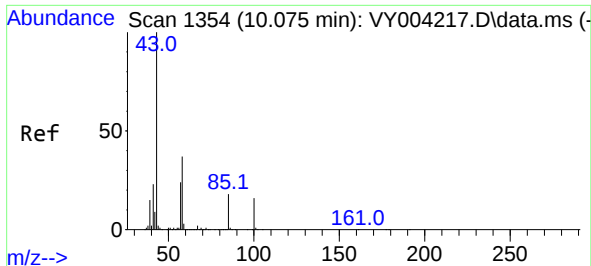
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#50
Toluene-d8
Concen: 5.29 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 98 Resp: 33519
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





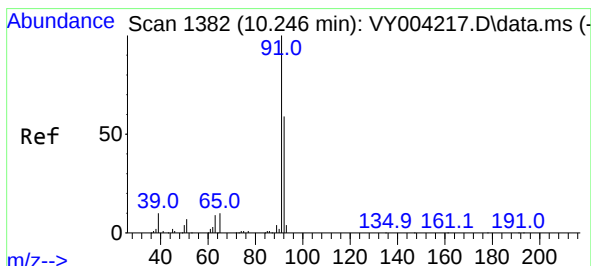
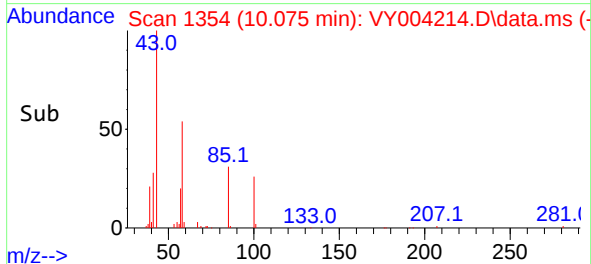
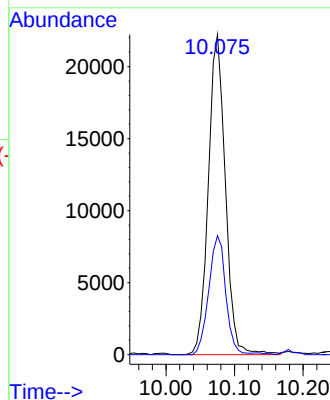
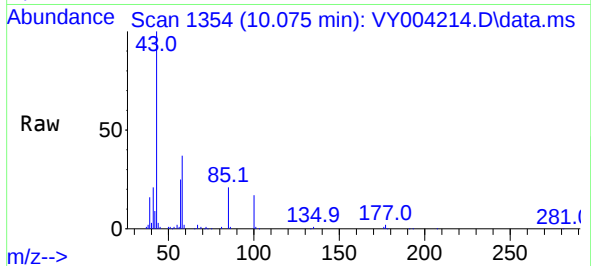
#51
4-Methyl-2-Pentanone
Concen: 27.24 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 43 Resp: 38448
Ion Ratio Lower Upper
43 100
58 37.0 30.6 45.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

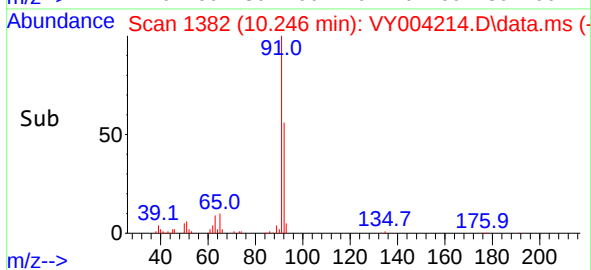
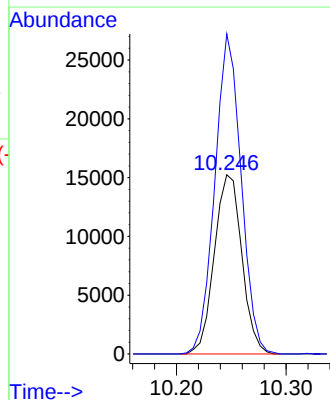
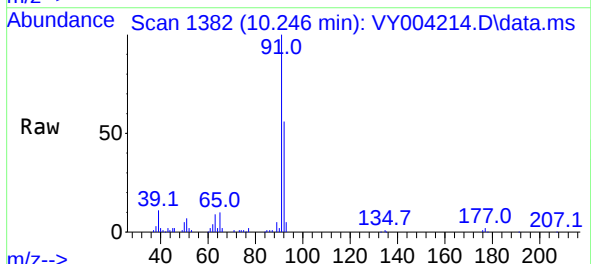
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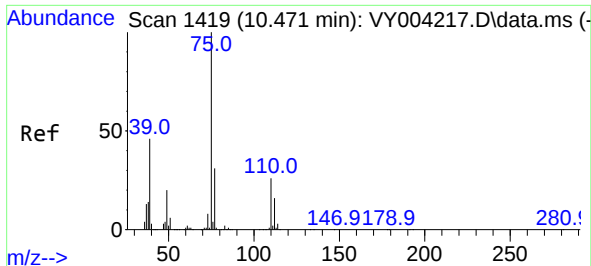
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#52
Toluene
Concen: 5.62 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 92 Resp: 26522
Ion Ratio Lower Upper
92 100
91 171.0 136.0 204.0





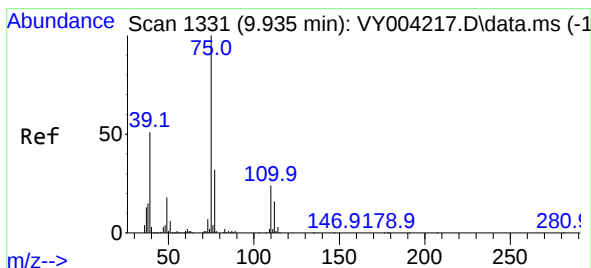
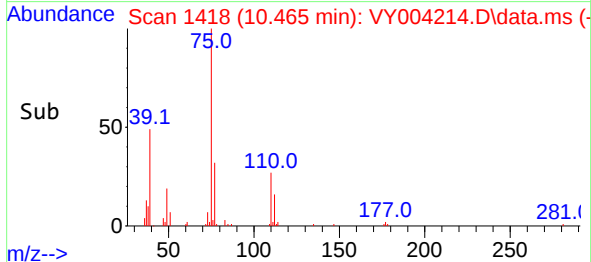
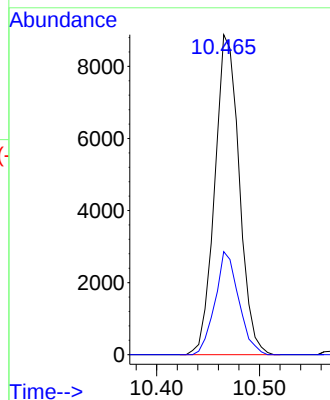
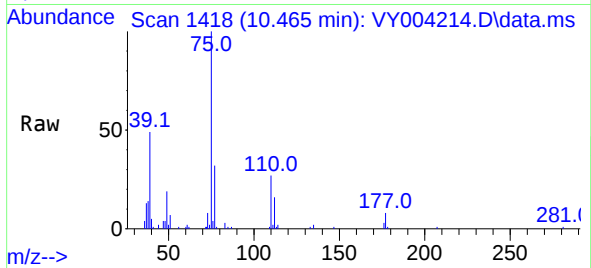
#53
t-1,3-Dichloropropene
Concen: 5.38 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 75 Resp: 14658
Ion Ratio Lower Upper
75 100
77 32.2 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

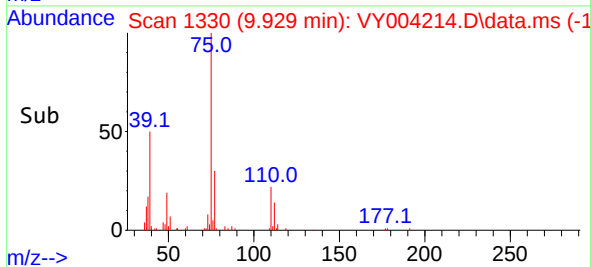
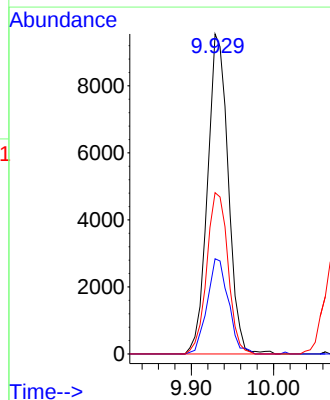
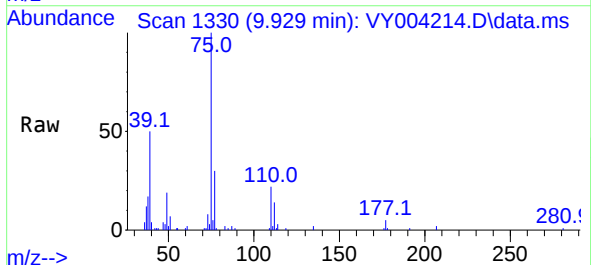
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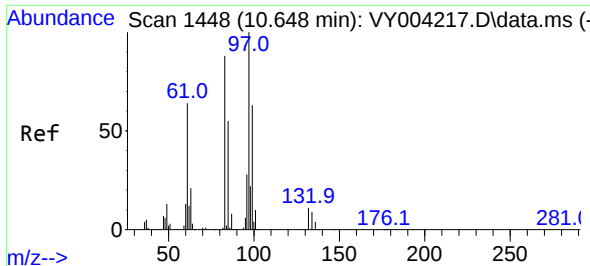
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#54
cis-1,3-Dichloropropene
Concen: 5.45 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

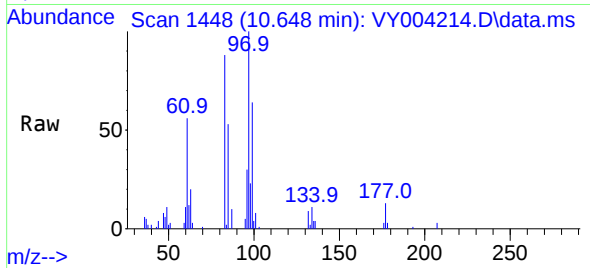
Tgt Ion: 75 Resp: 16663
Ion Ratio Lower Upper
75 100
77 29.7 25.5 38.3
39 50.4 40.6 61.0





#55
1,1,2-Trichloroethane
Concen: 5.55 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

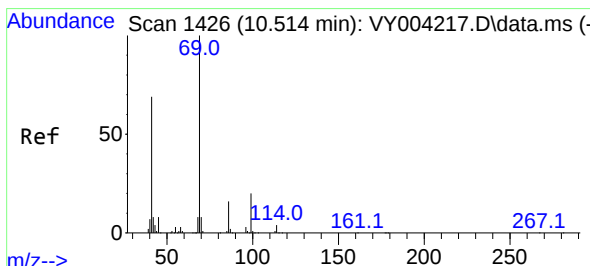
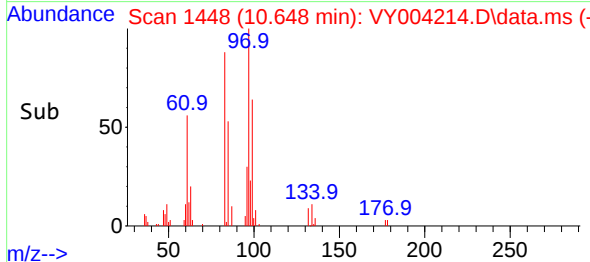
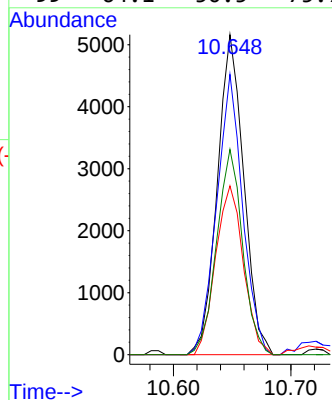


Tgt Ion: 97 Resp: 8065

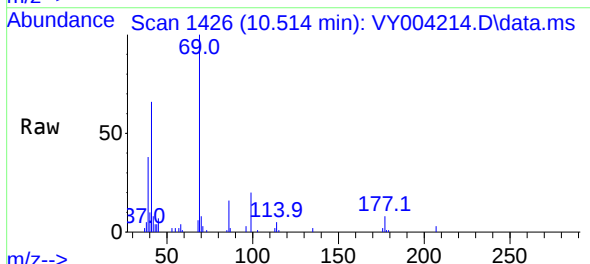
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.6	105.8
85	52.8	44.2	66.4
99	64.1	50.5	75.7

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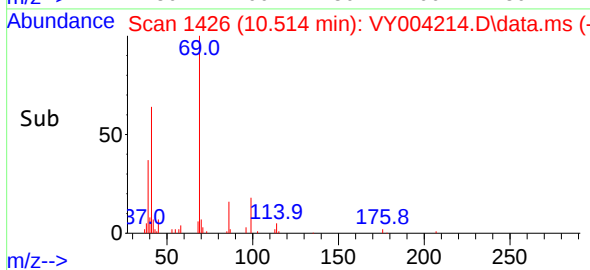
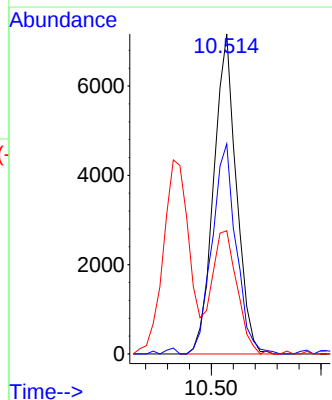


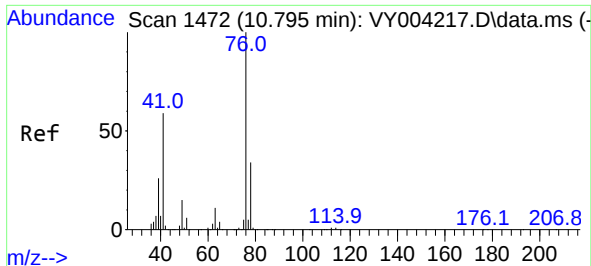
#56
Ethyl methacrylate
Concen: 5.07 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



Tgt Ion: 69 Resp: 10276

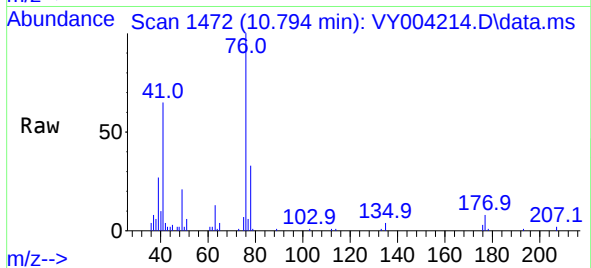
Ion	Ratio	Lower	Upper
69	100		
41	70.0	54.8	82.2
39	43.1	33.4	50.0





#57
1,3-Dichloropropane
Concen: 5.52 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

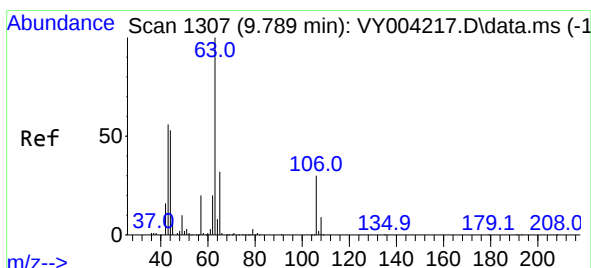
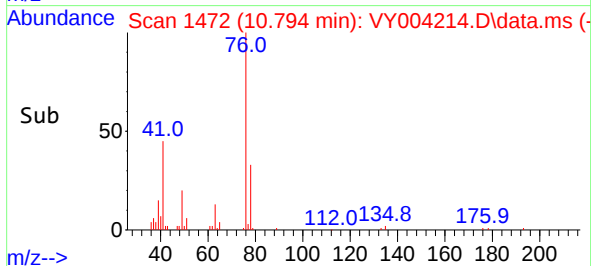
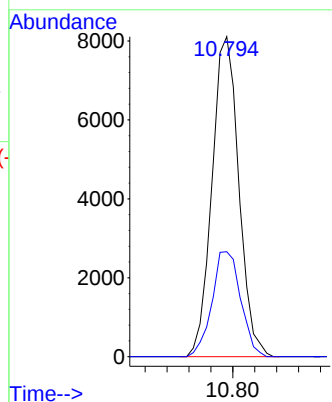
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 13765
Ion Ratio Lower Upper
76 100
78 35.2 26.4 39.6

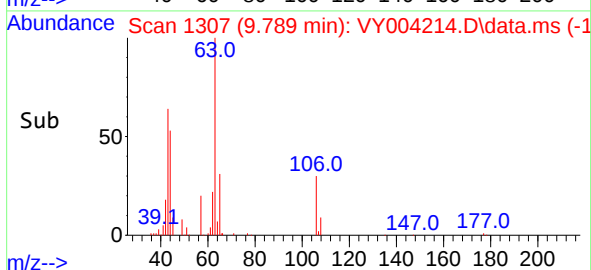
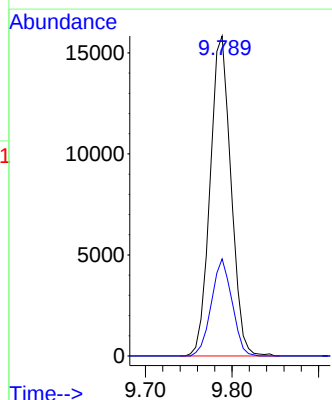
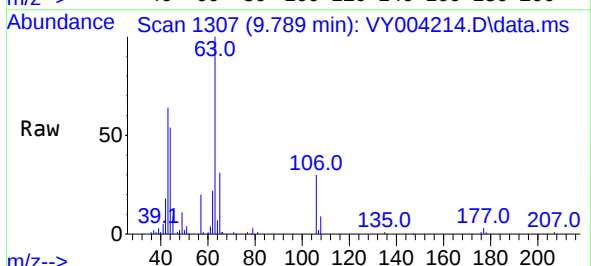
Manual Integrations
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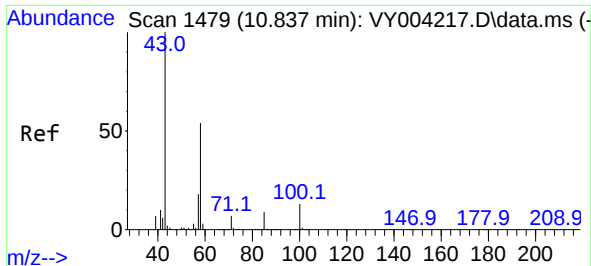
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#58
2-Chloroethyl Vinyl ether
Concen: 29.55 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

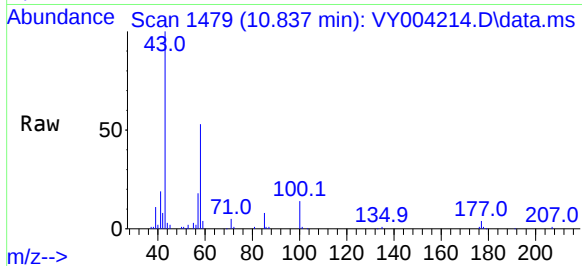
Tgt Ion: 63 Resp: 26512
Ion Ratio Lower Upper
63 100
106 29.9 23.8 35.8



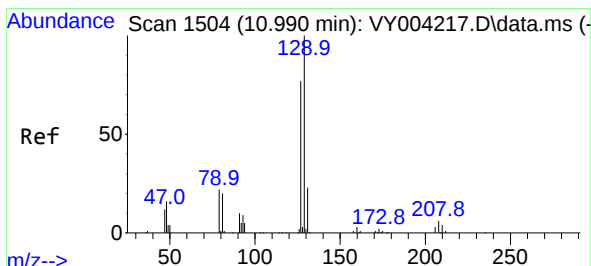
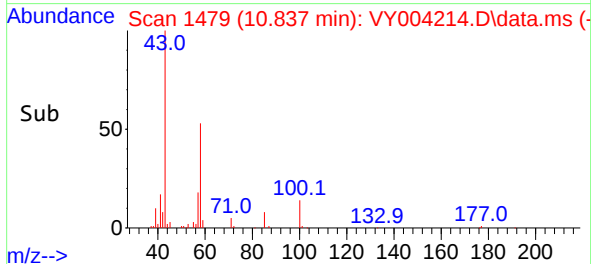
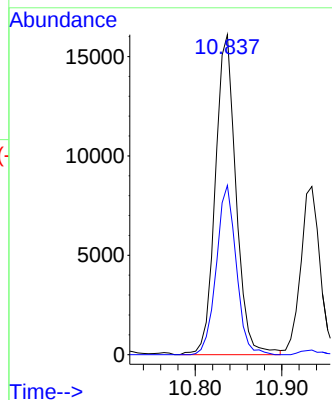


#59
2-Hexanone
Concen: 27.09 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

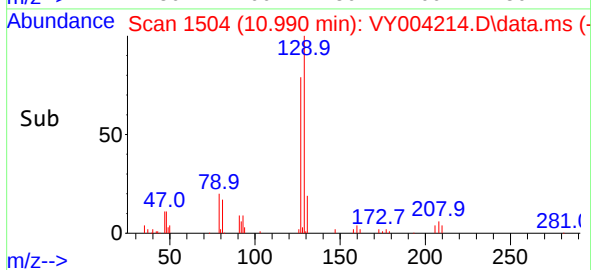
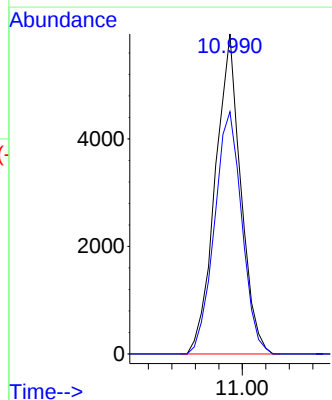
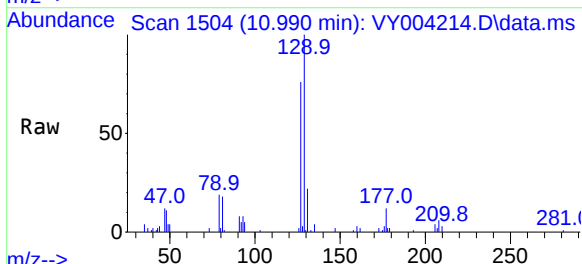


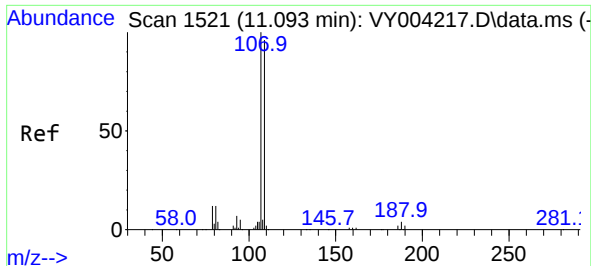
Tgt Ion: 43 Resp: 26721
Ion Ratio Lower Upper
43 100
58 50.8 26.7 80.1



#60
Dibromochloromethane
Concen: 4.95 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 129 Resp: 8984
Ion Ratio Lower Upper
129 100
127 81.3 38.9 116.7





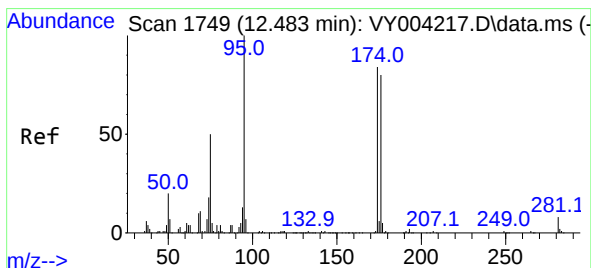
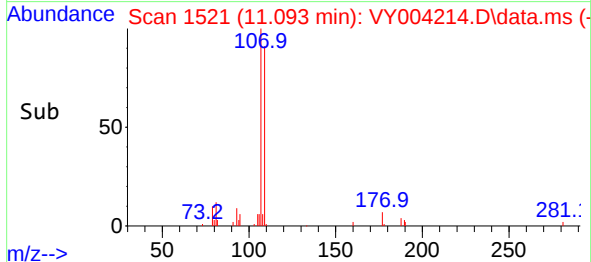
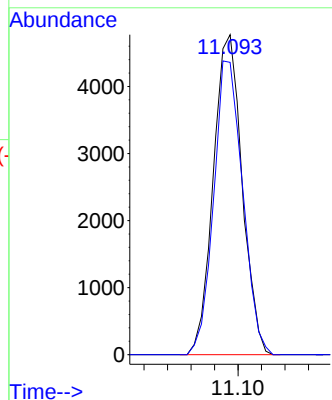
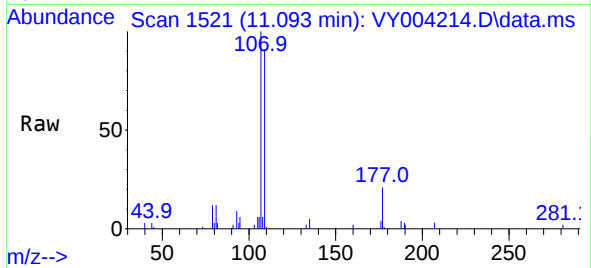
#61
1,2-Dibromoethane
Concen: 5.71 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 107 Resp: 8120
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

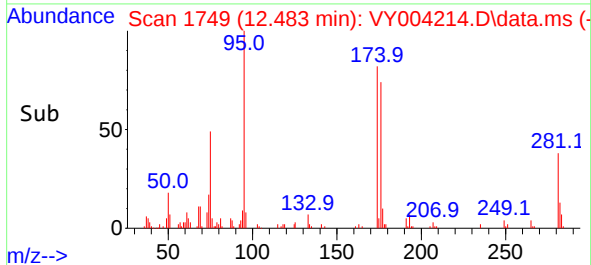
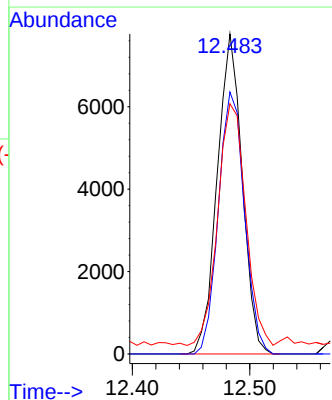
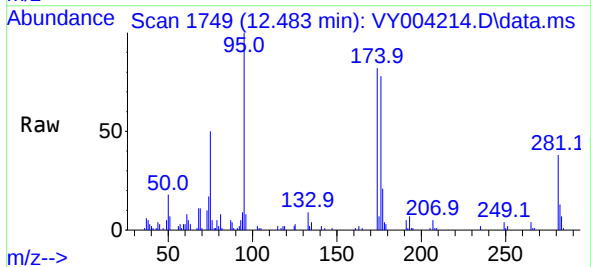
Manual Integrations
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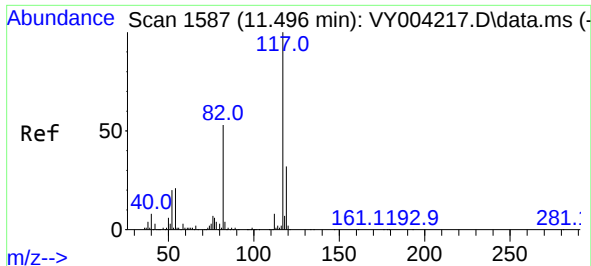
MMDadoda
3/30/2021 7:22:47 PM



#62
4-Bromofluorobenzene
Concen: 4.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

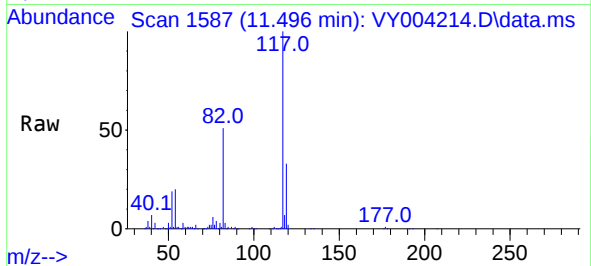
Tgt Ion: 95 Resp: 11462
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.4
176 84.2 0.0 165.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

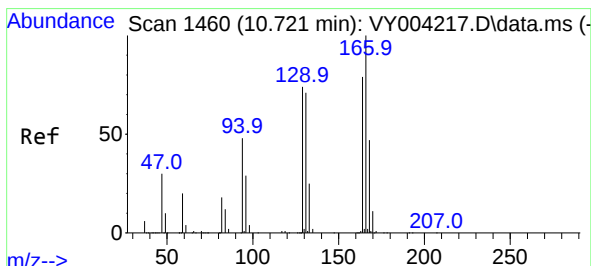
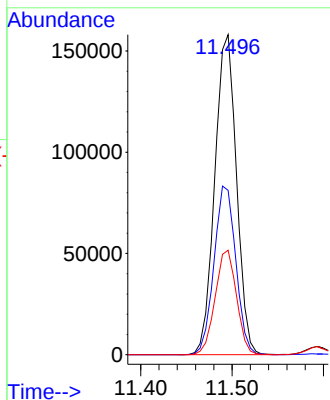
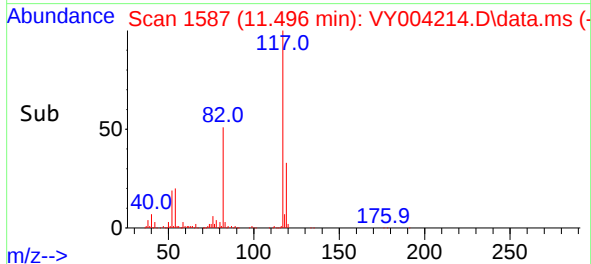
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



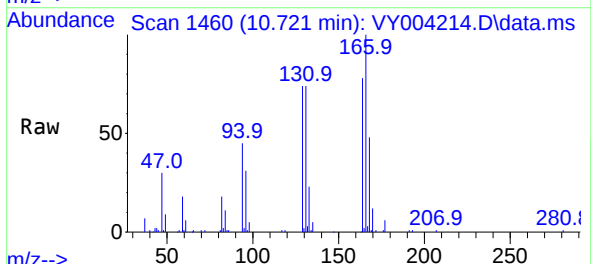
Tgt Ion:117 Resp: 260786
Ion Ratio Lower Upper
117 100
82 51.4 42.7 64.1
119 32.6 25.7 38.5

Manual Integrations
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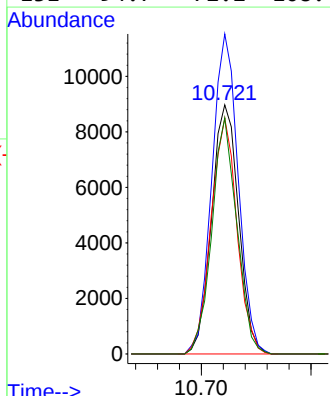
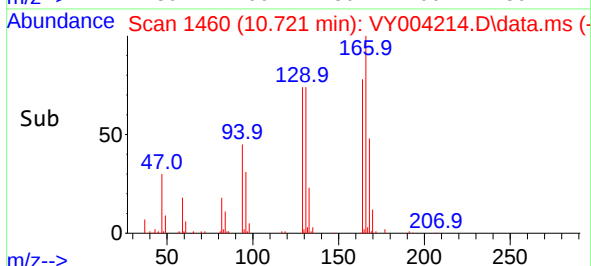
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3/30/2021 7:22:47 PM

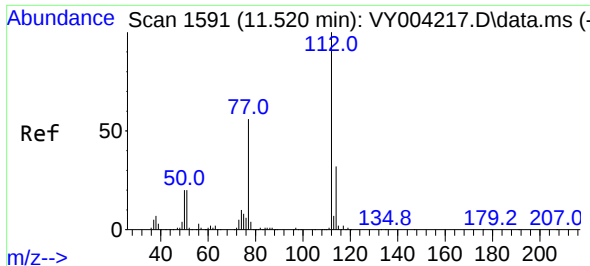


#64
Tetrachloroethene
Concen: 6.82 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



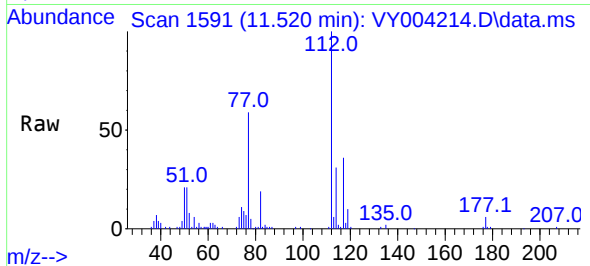
Tgt Ion:164 Resp: 15335
Ion Ratio Lower Upper
164 100
166 128.4 101.3 151.9
129 94.6 75.3 112.9
131 94.7 72.2 108.4





#65
Chlorobenzene
Concen: 5.65 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

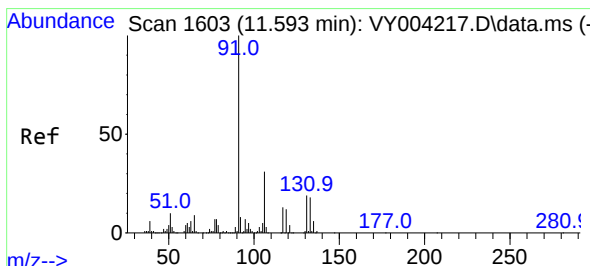
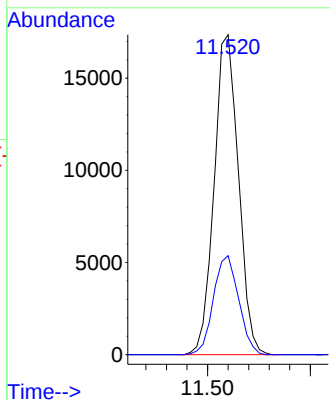
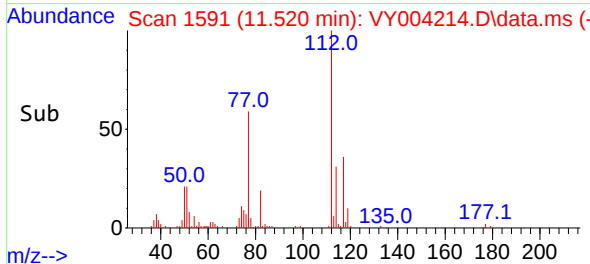
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



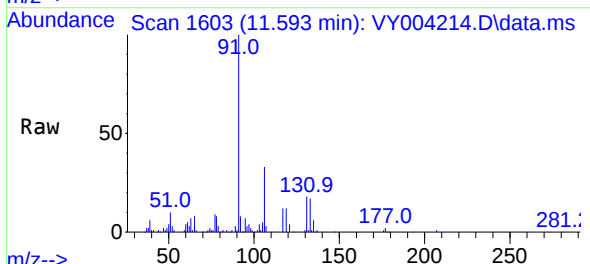
Tgt Ion:112 Resp: 28458
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9

Manual Integrations
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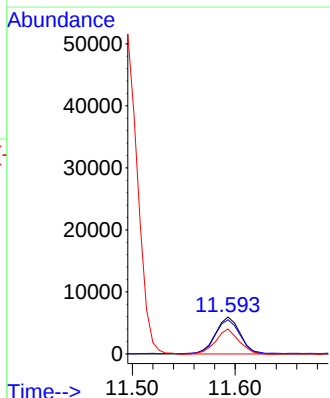
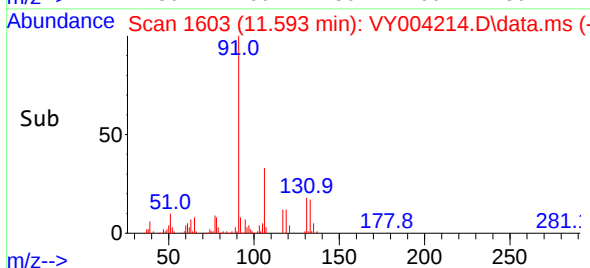
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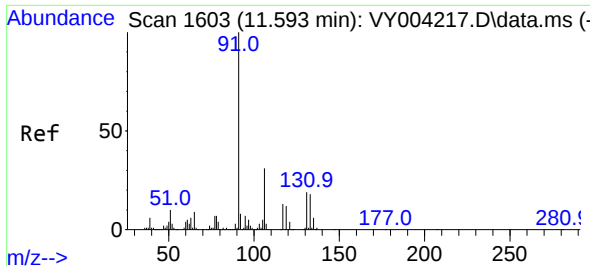


#66
1,1,1,2-Tetrachloroethane
Concen: 5.24 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



Tgt Ion:131 Resp: 9794
Ion Ratio Lower Upper
131 100
133 93.0 47.2 141.6
119 63.7 32.1 96.5





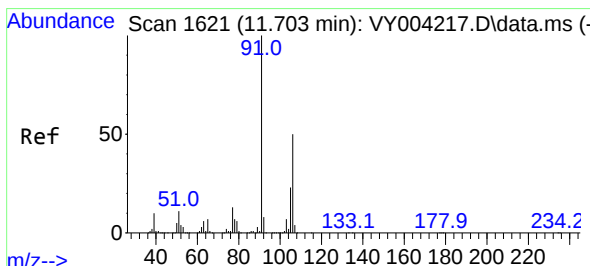
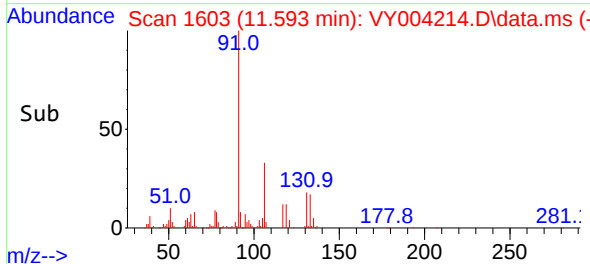
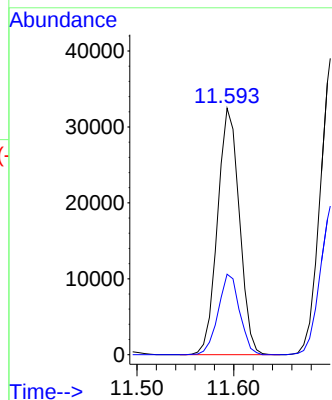
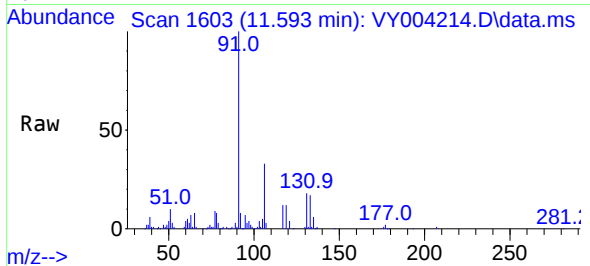
#67
Ethyl Benzene
Concen: 5.50 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 91 Resp: 50902
Ion Ratio Lower Upper
91 100
106 32.7 25.0 37.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

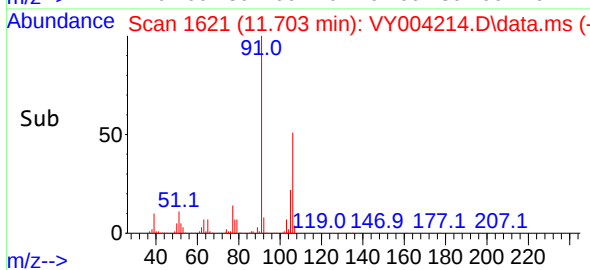
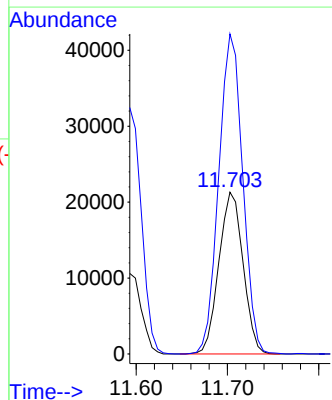
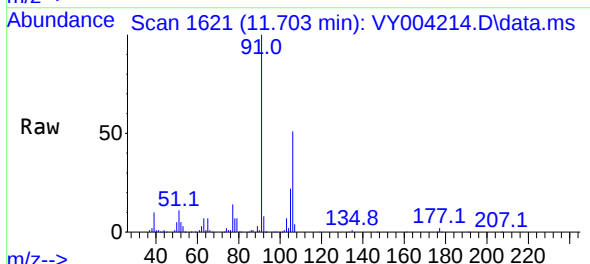
Manual Integrations
APPROVED

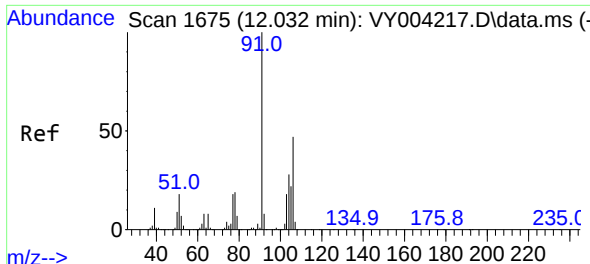
MMDadoda
3/30/2021 7:22:47 PM



#68
m/p-Xylenes
Concen: 11.10 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:106 Resp: 39237
Ion Ratio Lower Upper
106 100
91 195.9 159.8 239.6





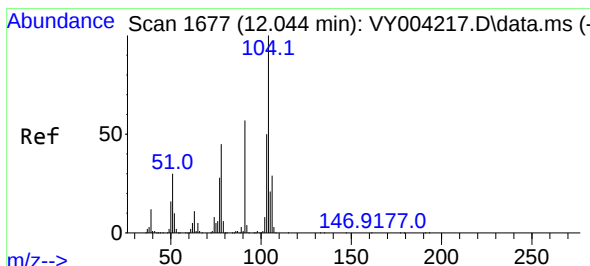
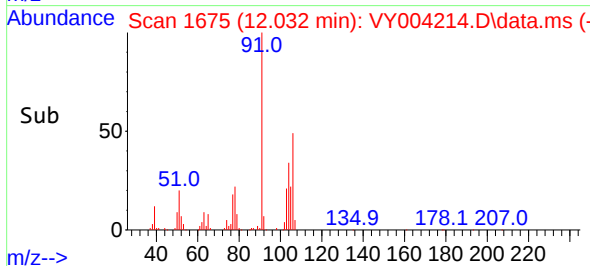
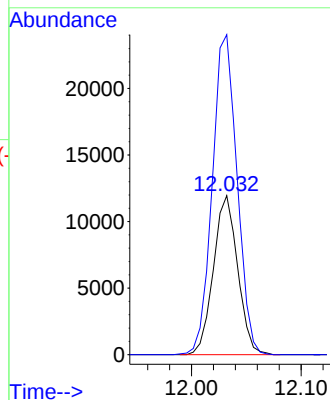
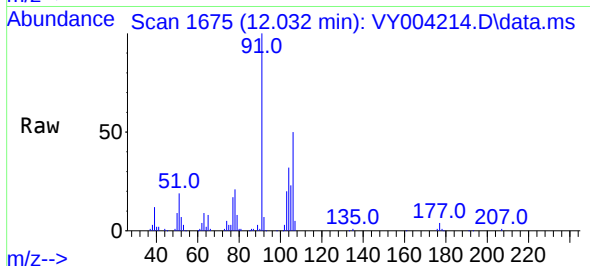
#69
o-Xylene
Concen: 5.51 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:106 Resp: 18345
Ion Ratio Lower Upper
106 100
91 205.4 105.6 316.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

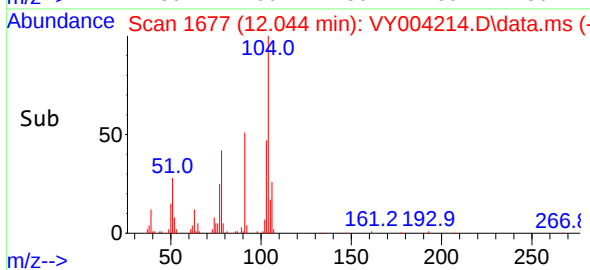
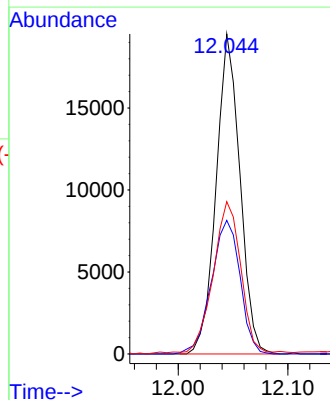
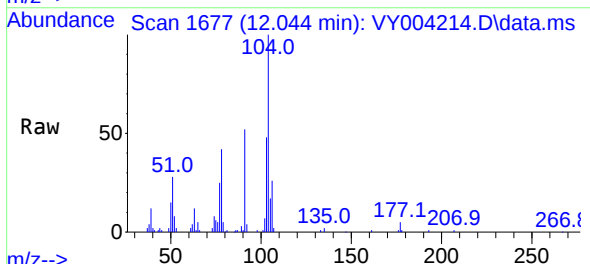
Manual Integrations
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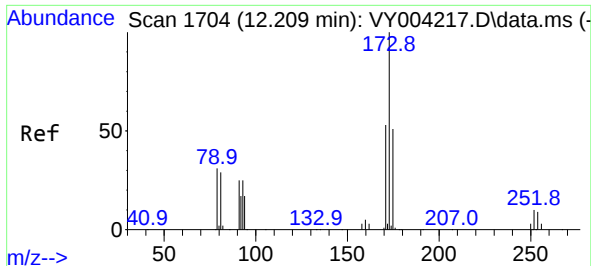
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#70
Styrene
Concen: 5.19 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:104 Resp: 29480
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.8
103 56.3 43.3 64.9





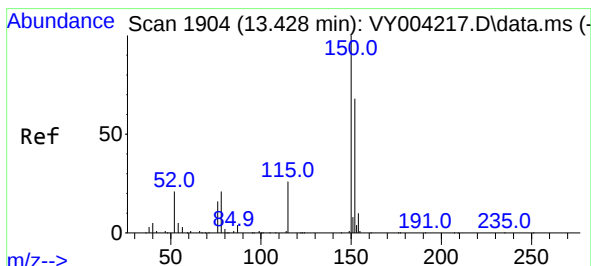
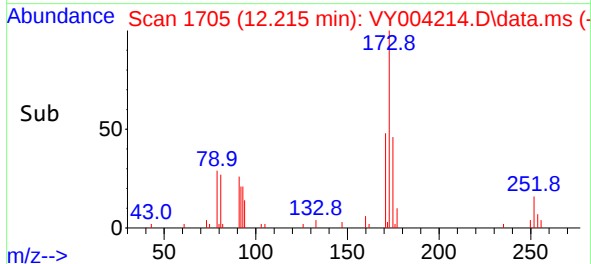
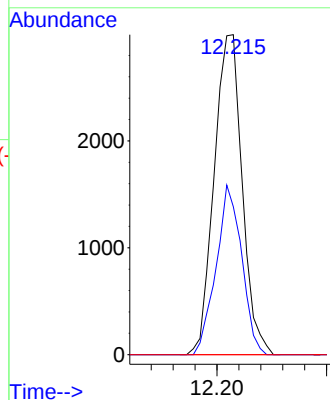
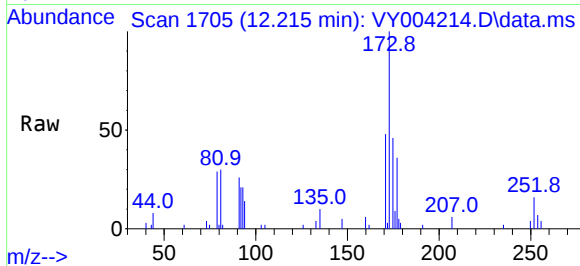
#71
Bromoform
Concen: 4.79 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	173	Resp:	5314
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.9	74.6
254	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

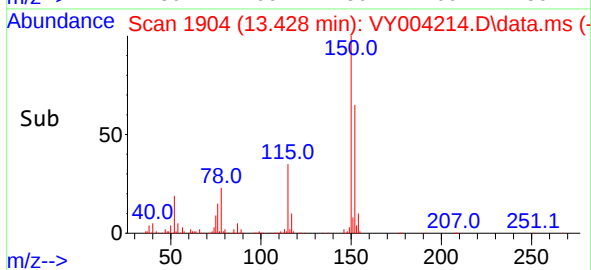
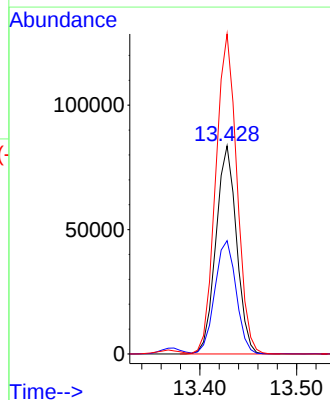
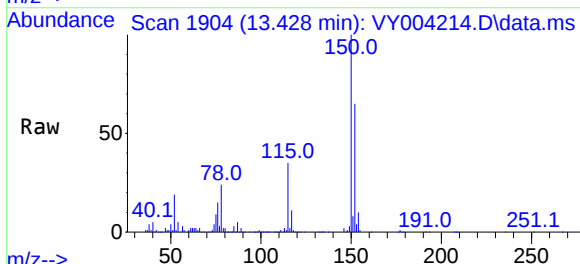
Manual Integrations
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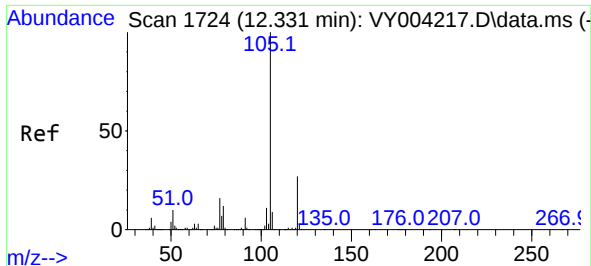
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	152	Resp:	123764
Ion Ratio	Lower	Upper	
152	100		
115	56.2	29.0	87.1
150	157.6	0.0	347.4





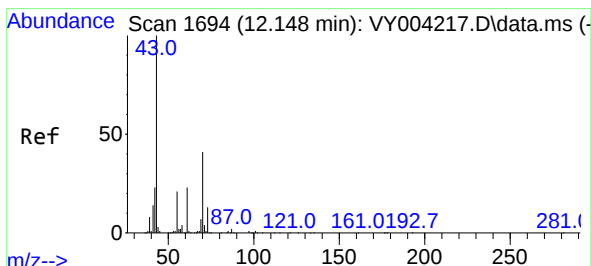
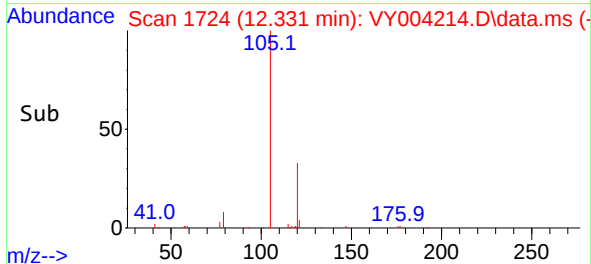
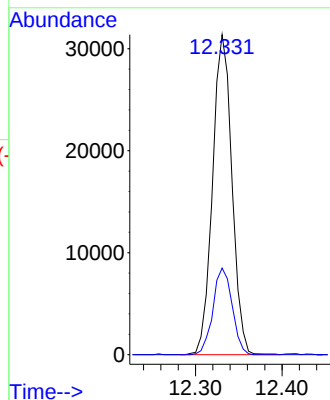
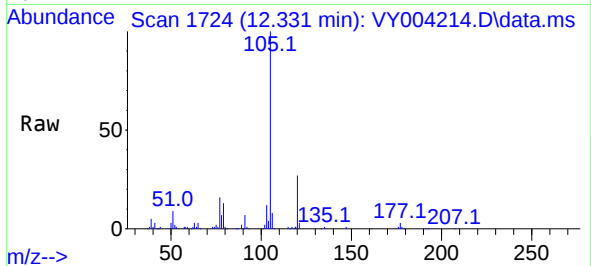
#73
Isopropylbenzene
Concen: 5.59 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 105 Resp: 48747
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

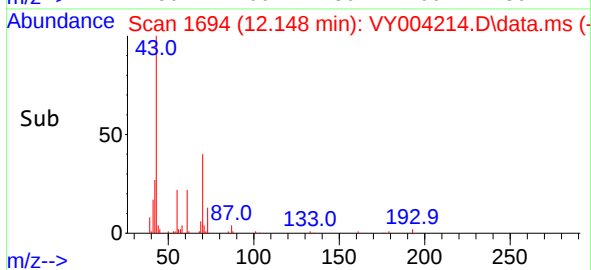
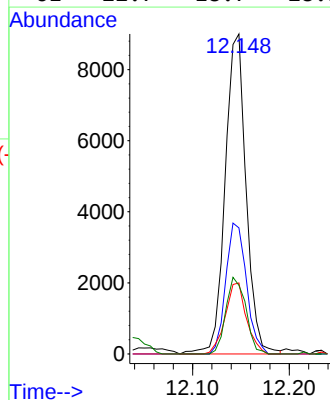
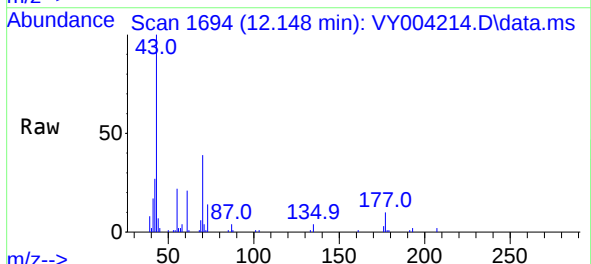
Manual Integrations
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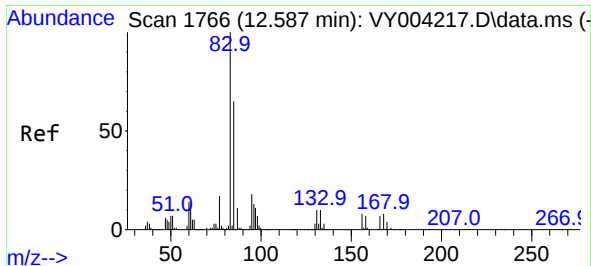
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#74
N-ethyl acetate
Concen: 5.43 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 43 Resp: 13519
Ion Ratio Lower Upper
43 100
70 40.3 32.6 49.0
55 22.4 18.0 27.0
61 22.7 18.7 28.1





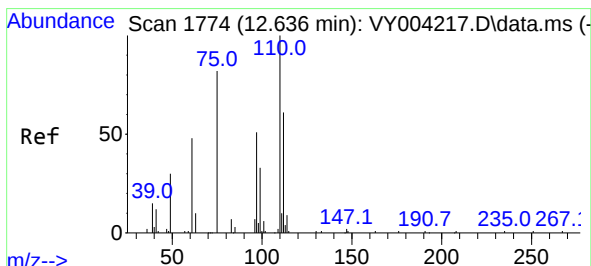
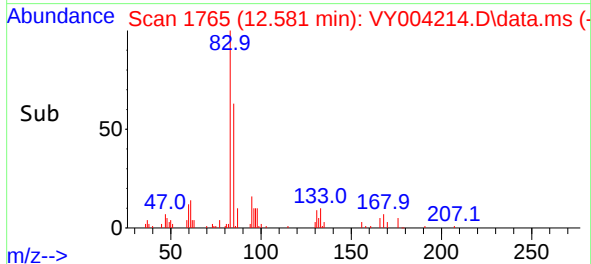
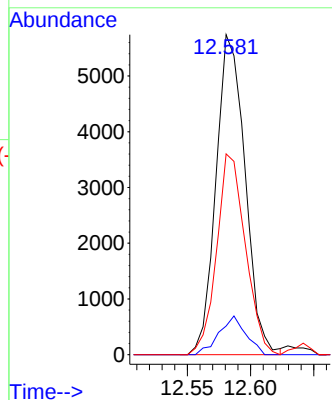
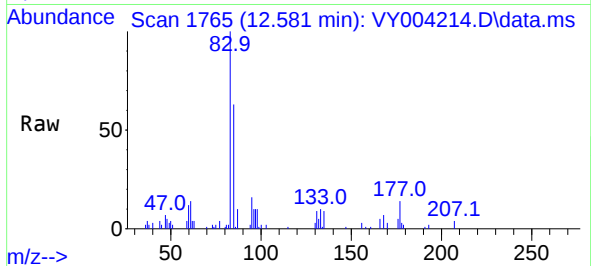
#75
1,1,2,2-Tetrachloroethane
Concen: 6.03 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	83	Resp:	9166
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	62.0	31.8	95.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

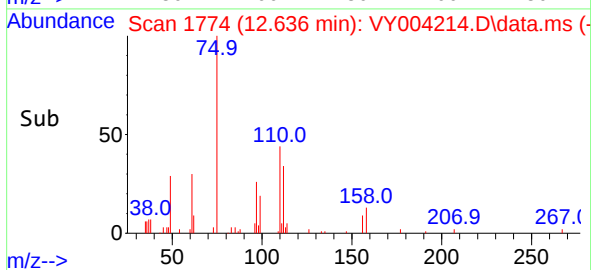
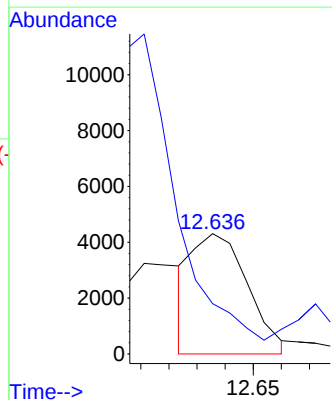
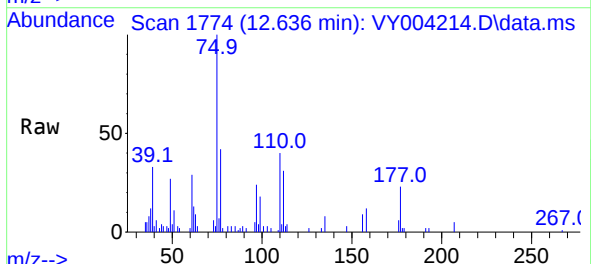
Manual Integrations
APPROVED

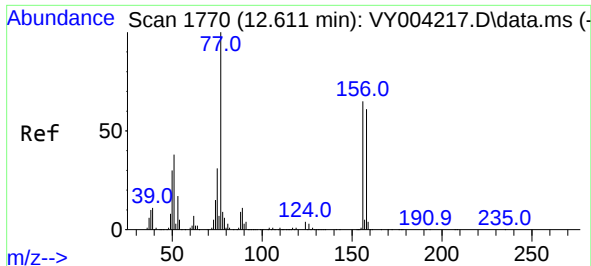
MMDadoda
3/30/2021 7:22:47 PM



#76
1,2,3-Trichloropropane
Concen: 5.03 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	75	Resp:	5938
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





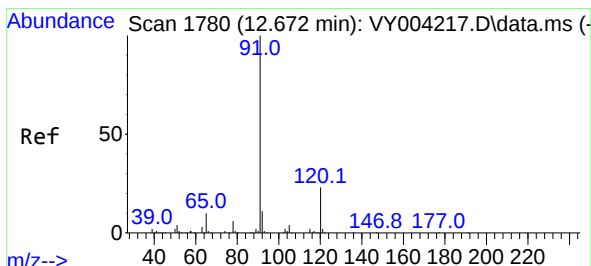
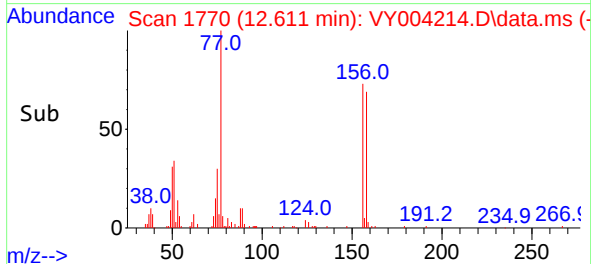
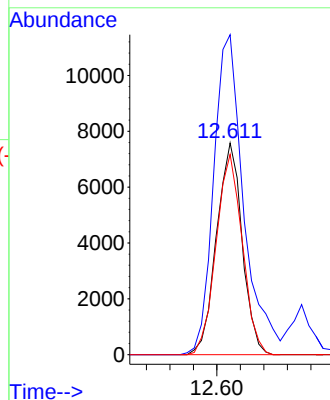
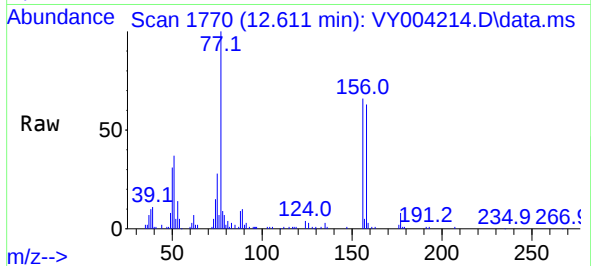
#77
Bromobenzene
Concen: 5.69 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 156 Resp: 11478
Ion Ratio Lower Upper
156 100
77 176.6 88.6 265.9
158 96.7 48.3 144.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

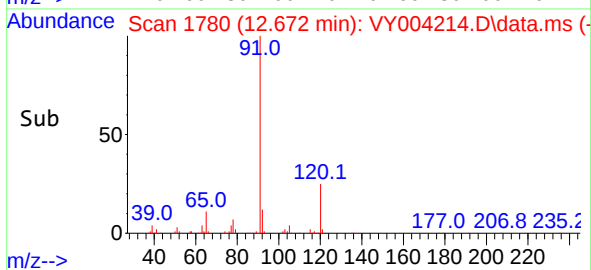
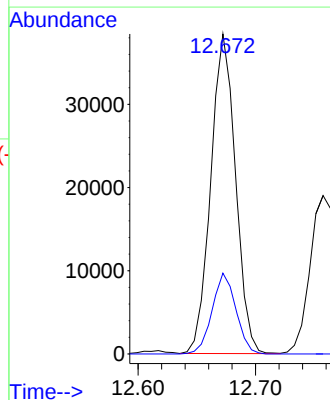
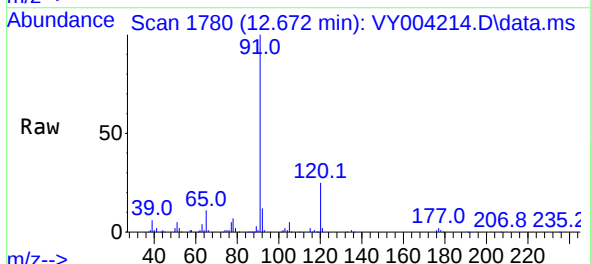
Manual Integrations
APPROVED

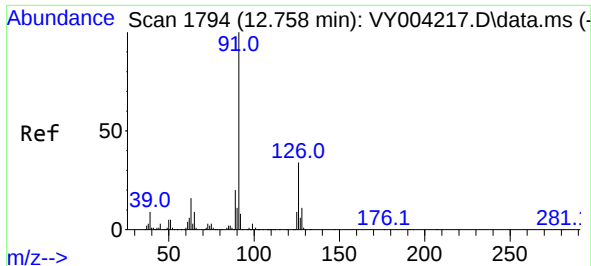
MMDadoda
3/30/2021 7:22:47 PM



#78
n-propylbenzene
Concen: 5.48 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 91 Resp: 56142
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5





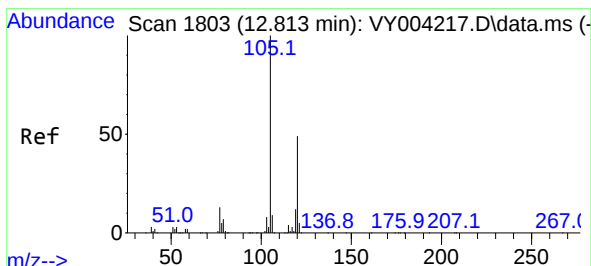
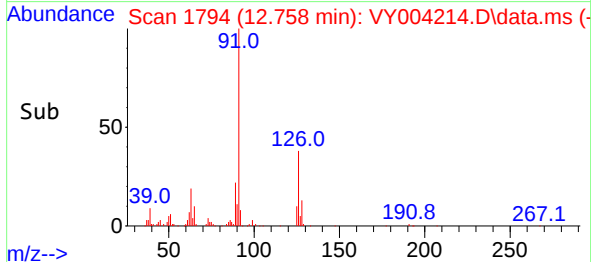
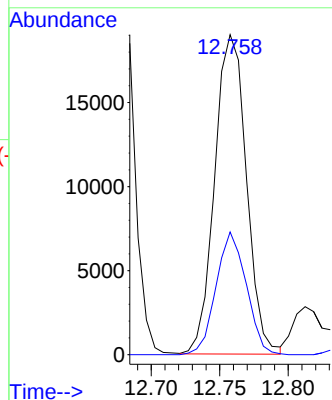
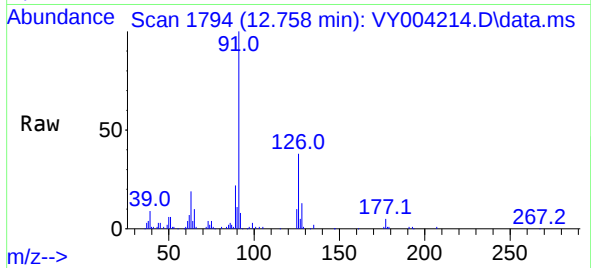
#79
2-Chlorotoluene
Concen: 5.34 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 91 Resp: 30625
Ion Ratio Lower Upper
91 100
126 36.6 17.5 52.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

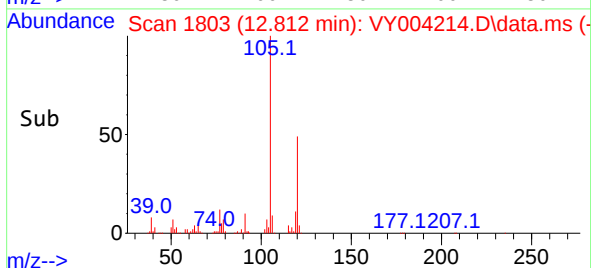
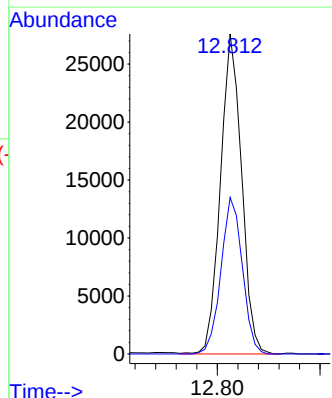
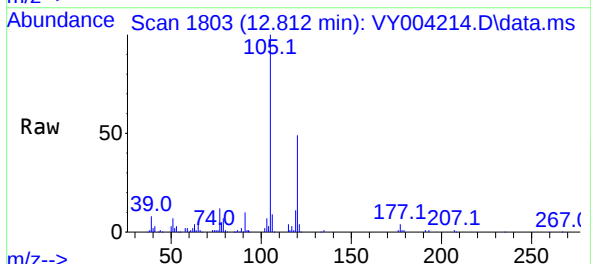
Manual Integrations
APPROVED

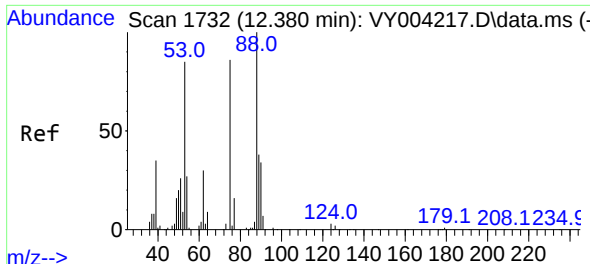
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 5.35 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 105 Resp: 39332
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.7





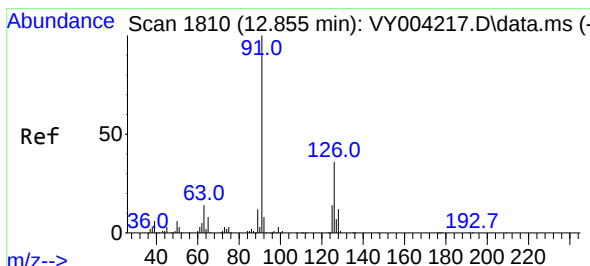
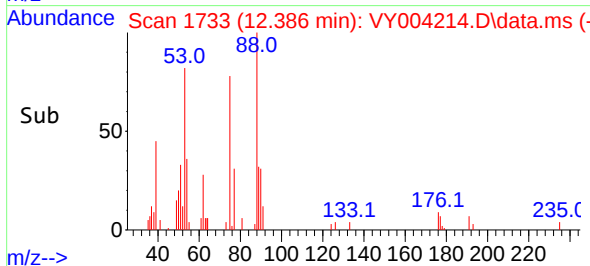
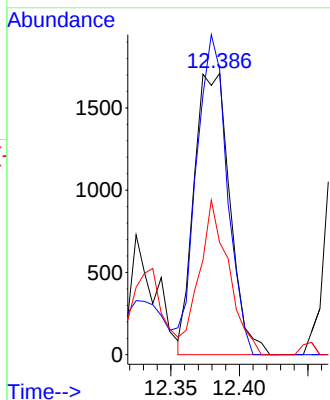
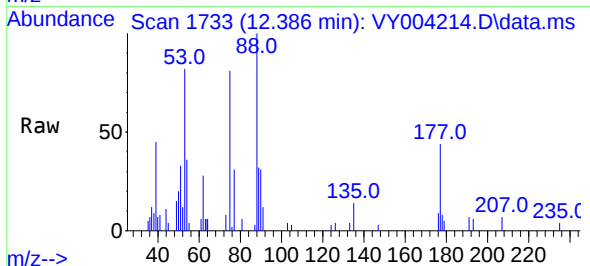
#81
trans-1,4-Dichloro-2-butene
Concen: 5.14 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion: 75 Resp: 3089
Ion Ratio Lower Upper
75 100
53 99.3 79.3 118.9
89 45.4 39.4 59.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

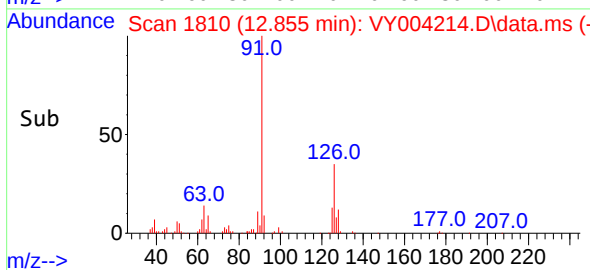
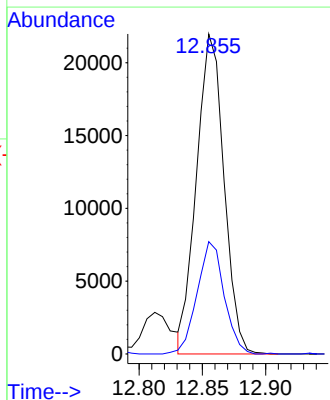
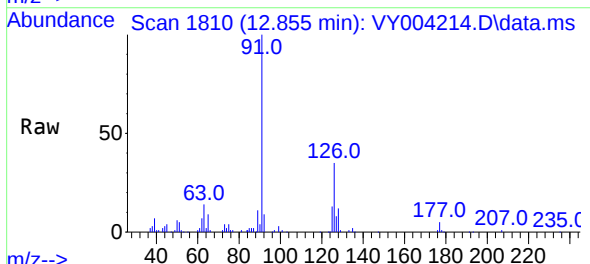
Manual Integrations
APPROVED

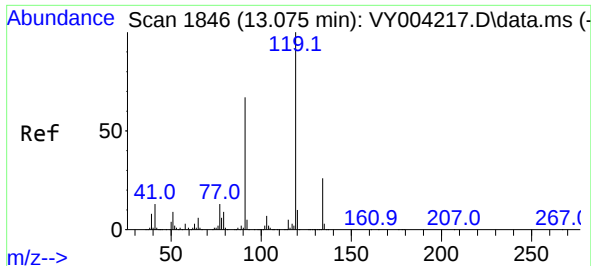
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#82
4-Chlorotoluene
Concen: 5.48 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

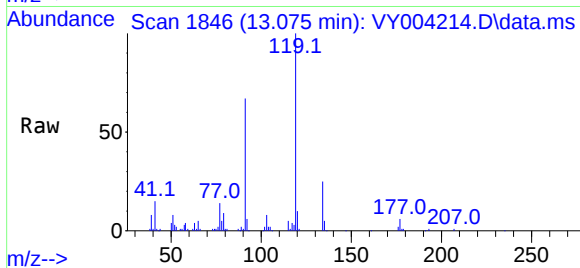
Tgt Ion: 91 Resp: 33193
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.4





#83
tert-Butylbenzene
Concen: 5.28 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

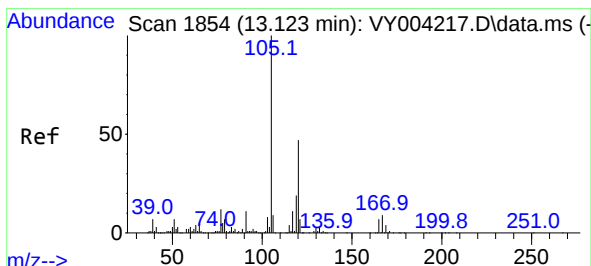
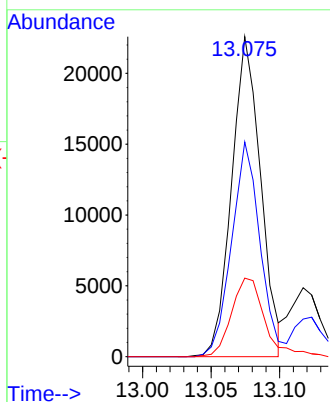
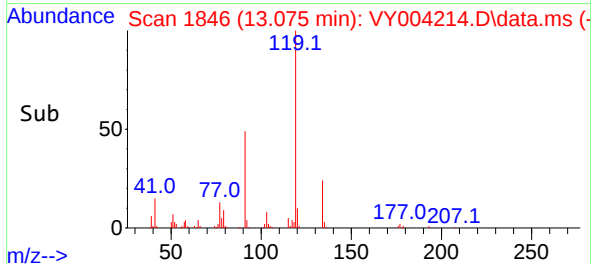
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



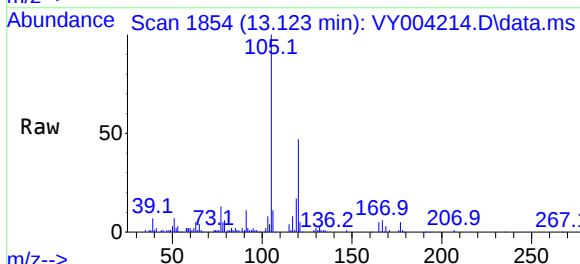
Tgt Ion:119 Resp: 33260
Ion Ratio Lower Upper
119 100
91 66.3 33.1 99.2
134 28.2 13.6 40.8

Manual Integrations
APPROVED

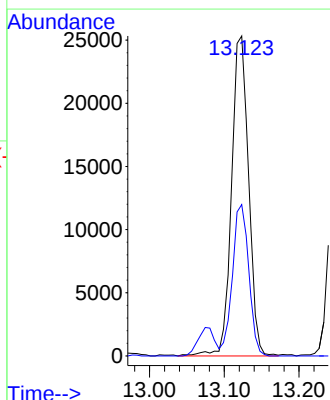
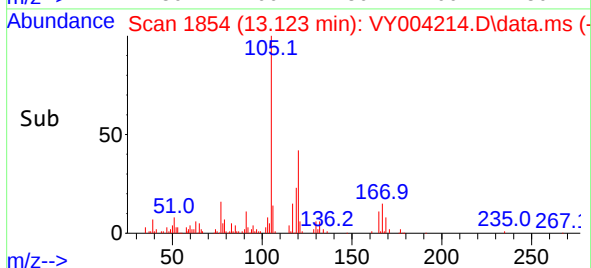
MMDadoda
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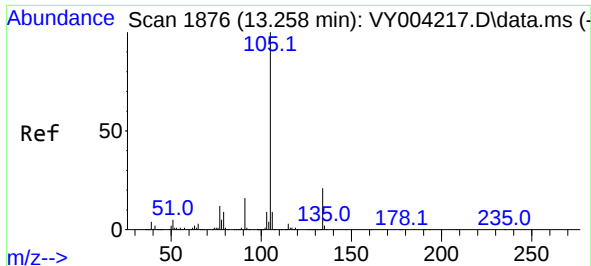


#84
1,2,4-Trimethylbenzene
Concen: 5.47 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

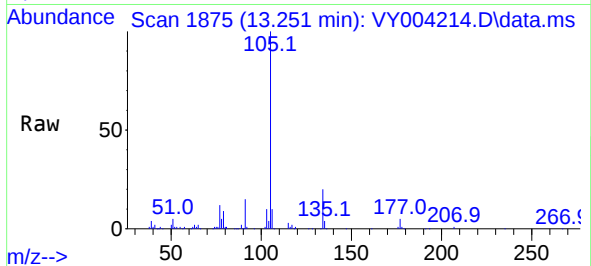


Tgt Ion:105 Resp: 40187
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.7

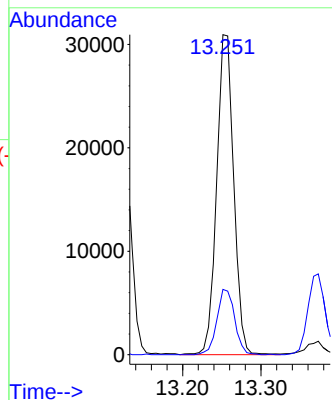




#85
 sec-Butylbenzene
 Concen: 5.39 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY004214.D
 Acq: 29 Mar 2021 16:46



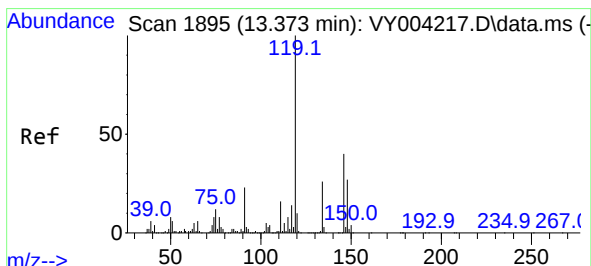
Tgt Ion:105 Resp: 46871
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.4



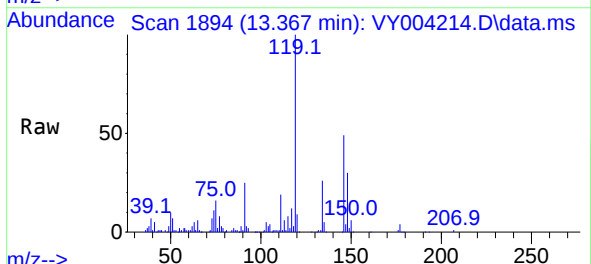
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

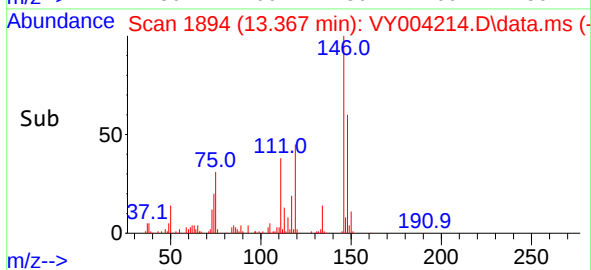
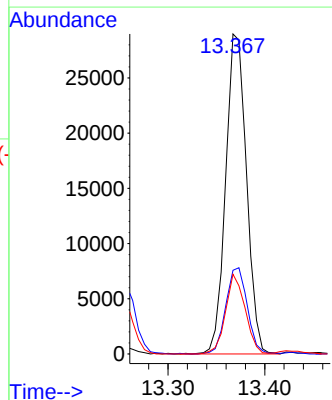
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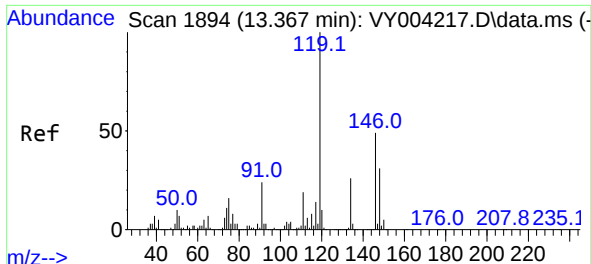


#86
 p-Isopropyltoluene
 Concen: 5.36 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY004214.D
 Acq: 29 Mar 2021 16:46



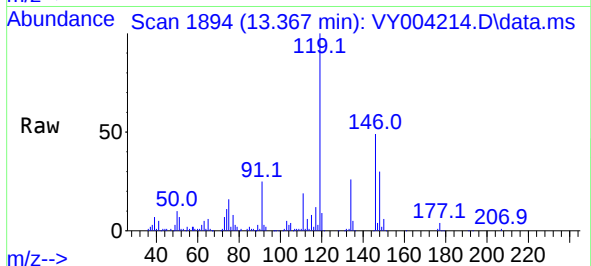
Tgt Ion:119 Resp: 43339
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.9
 91 23.4 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 5.67 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

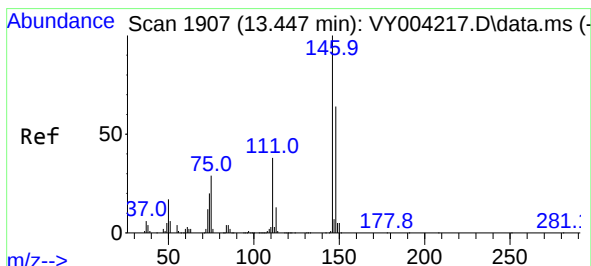
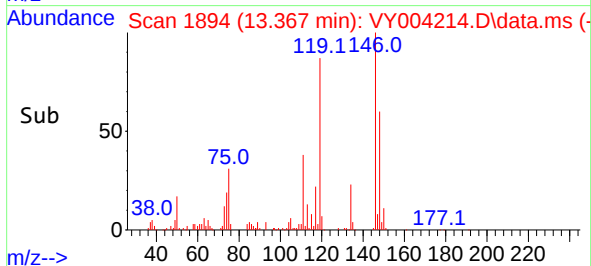
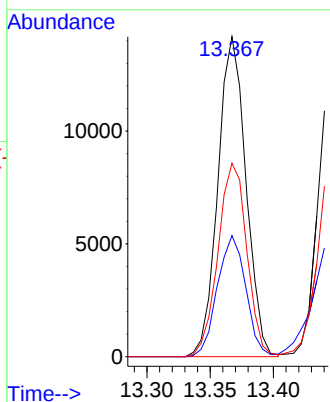
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



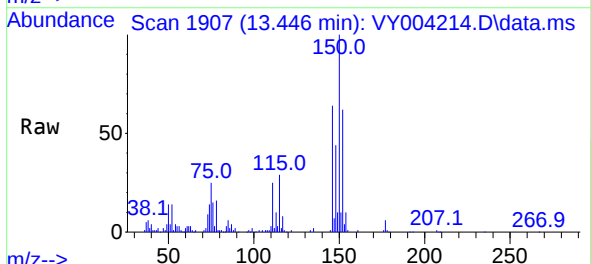
Tgt Ion:146 Resp: 21907
Ion Ratio Lower Upper
146 100
111 38.2 19.7 59.1
148 62.0 32.0 96.2

Manual Integrations
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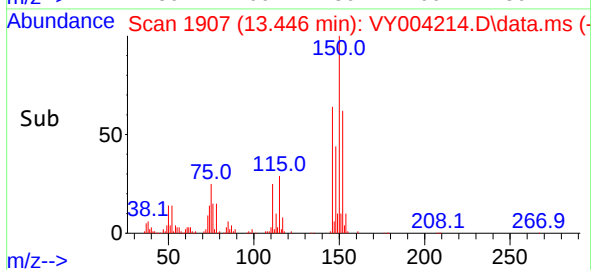
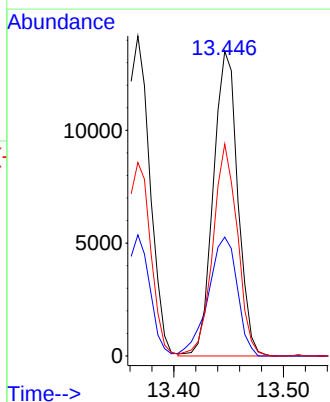
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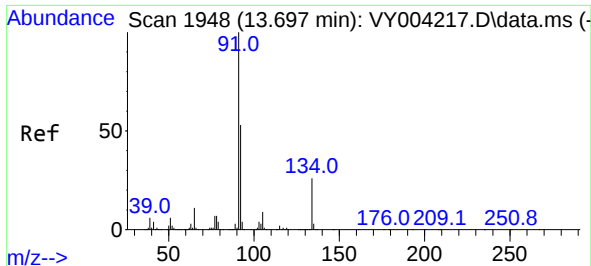


#88
1,4-Dichlorobenzene
Concen: 5.43 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



Tgt Ion:146 Resp: 20977
Ion Ratio Lower Upper
146 100
111 46.3 19.1 57.3
148 69.7 31.9 95.9





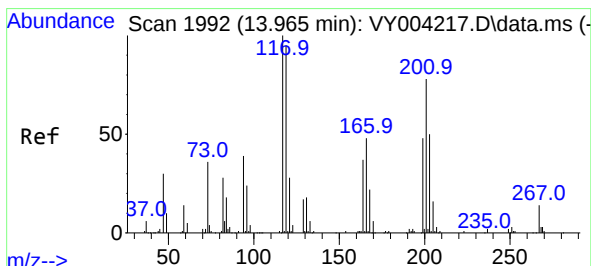
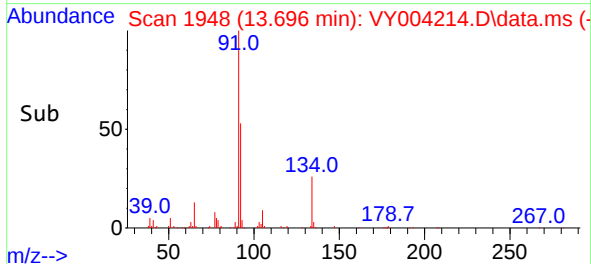
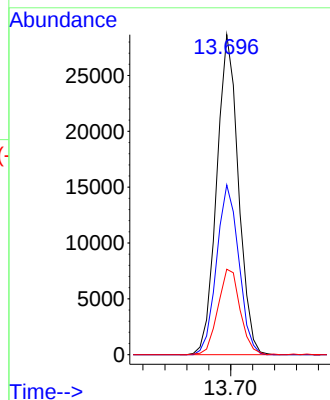
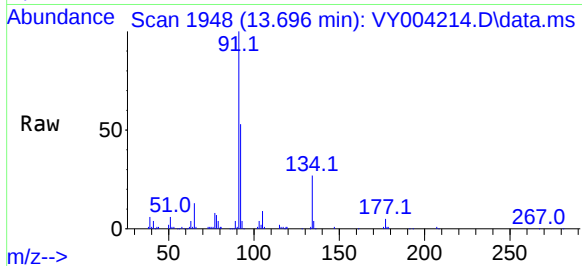
#89
n-Butylbenzene
Concen: 5.15 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	91	Resp:	39411
Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.5	79.4
134	27.4	13.6	40.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

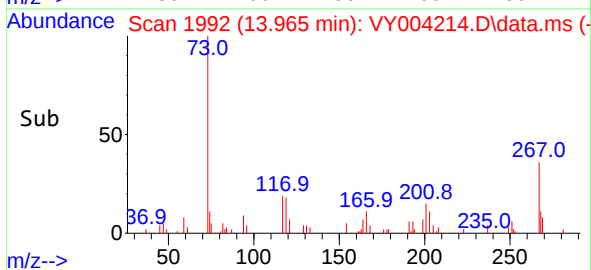
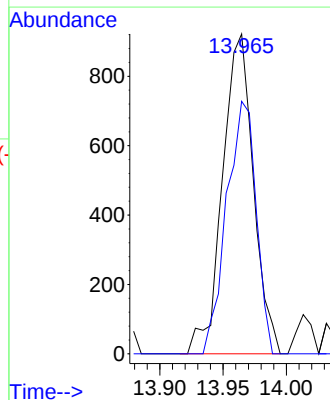
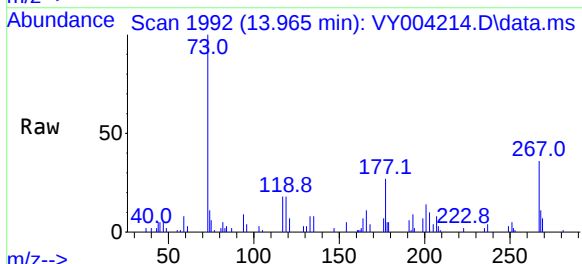
Manual Integrations
APPROVED

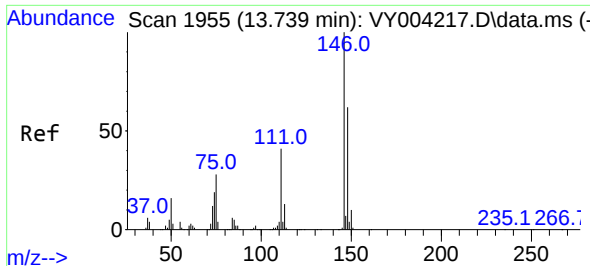
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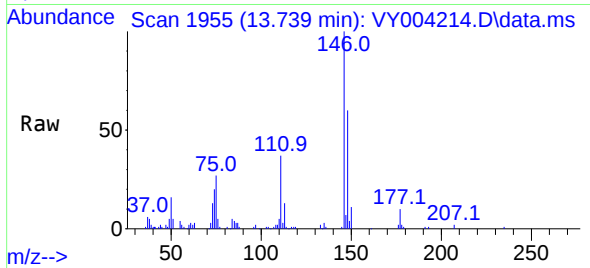
#90
Hexachloroethane
Concen: 1.20 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	117	Resp:	1570
Ion	Ratio	Lower	Upper
117	100		
201	75.2	37.6	112.9

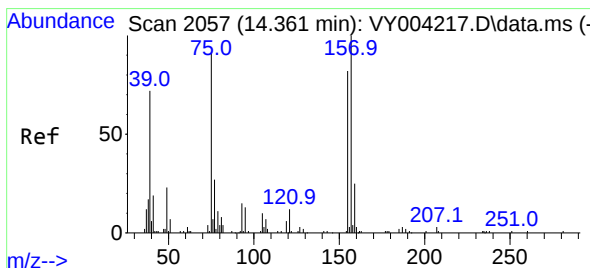
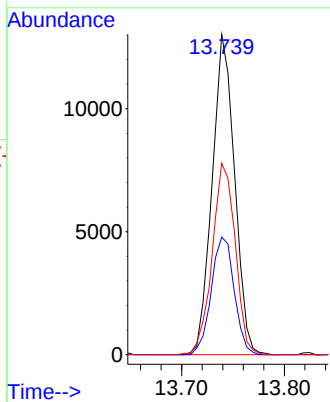
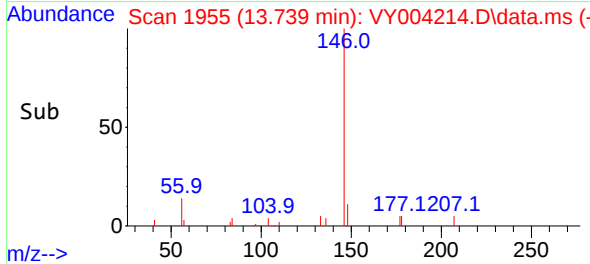




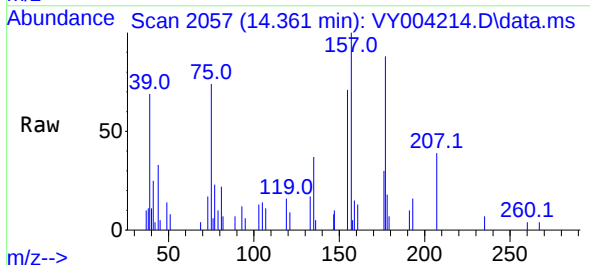
#91
1,2-Dichlorobenzene
Concen: 5.76 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



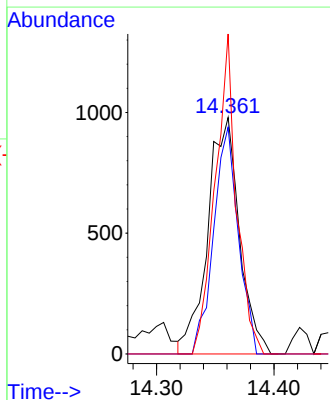
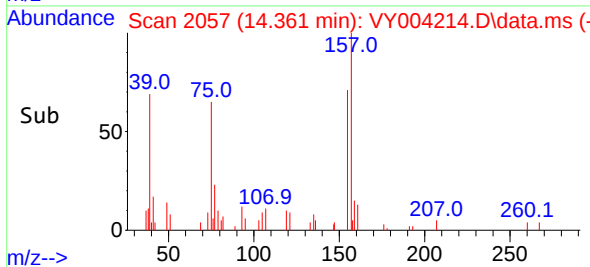
Tgt Ion:	146	Resp:	19761
Ion	Ratio	Lower	Upper
146	100		
111	37.5	20.1	60.3
148	61.5	31.6	94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.43 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



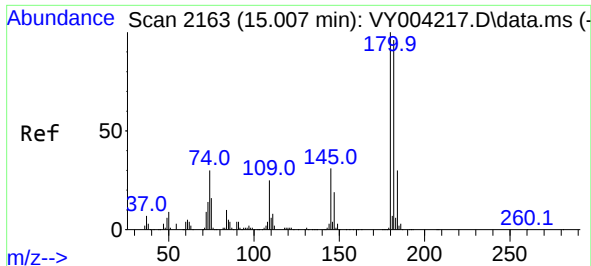
Tgt Ion:	75	Resp:	1829
Ion	Ratio	Lower	Upper
75	100		
155	75.0	46.3	138.8
157	91.7	58.3	174.9



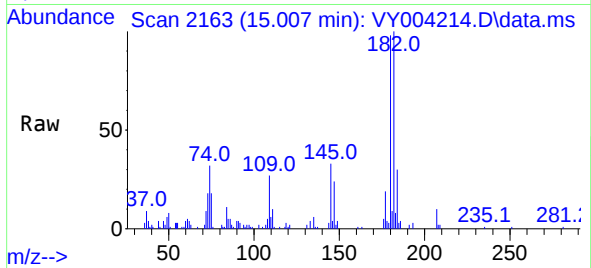
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

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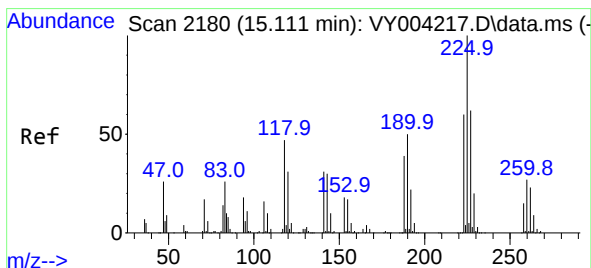
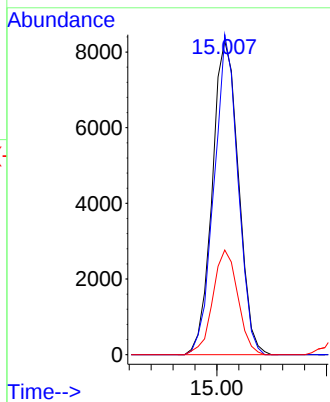
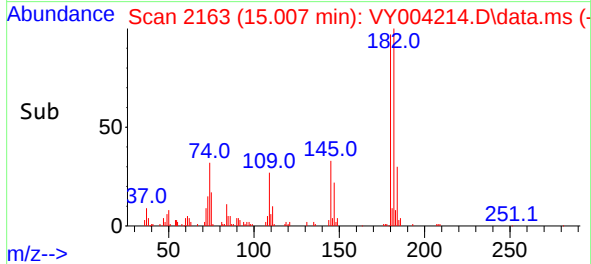
MMDadoda
3/30/2021 7:22:47 PM



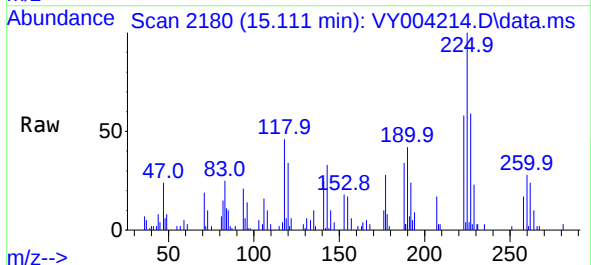
#93
1,2,4-Trichlorobenzene
Concen: 5.86 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



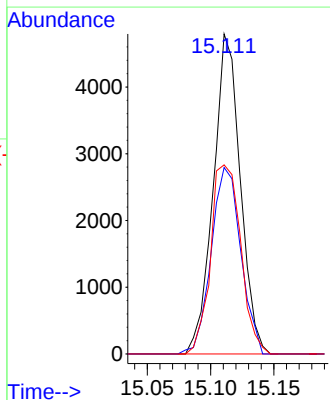
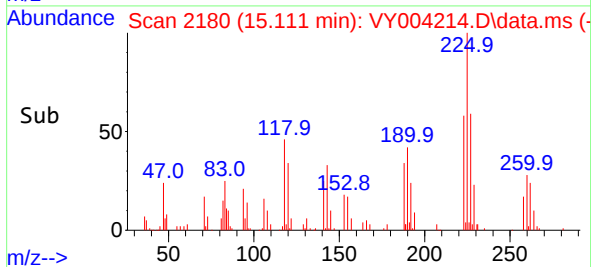
Tgt Ion:180 Resp: 13752
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.8
145 32.0 15.2 45.5



#94
Hexachlorobutadiene
Concen: 5.45 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46



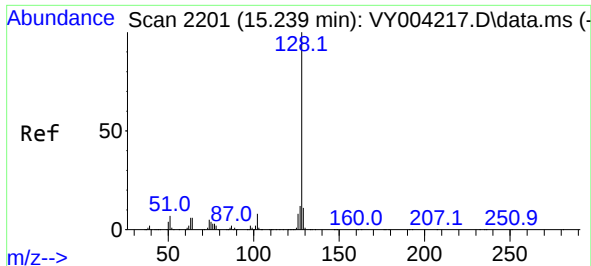
Tgt Ion:225 Resp: 7107
Ion Ratio Lower Upper
225 100
223 63.8 31.6 95.0
227 65.9 31.8 95.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

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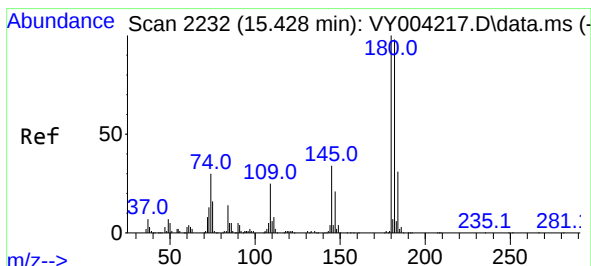
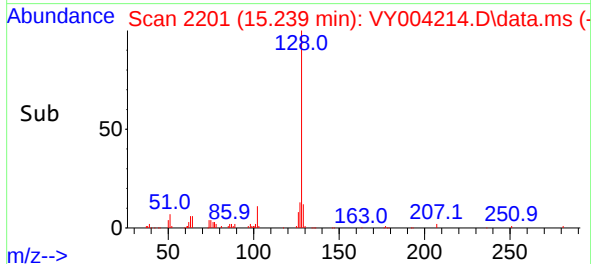
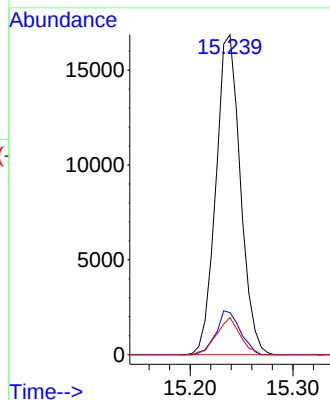
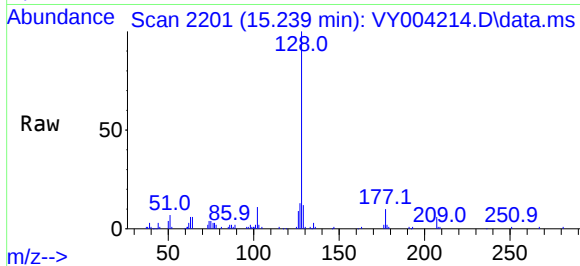
#95
Naphthalene
Concen: 5.93 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	128	Resp:	27835
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.1	15.1
129	11.2	8.9	13.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 6.49 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004214.D
Acq: 29 Mar 2021 16:46

Tgt Ion:	180	Resp:	12910
Ion Ratio	Lower	Upper	
180	100		
182	92.1	48.0	144.0
145	31.7	16.7	50.0

