

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030821\
 Data File : VY004061.D
 Acq On : 08 Mar 2021 10:39
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
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MMDadoda
 3/9/2021 3:03:00 PM

Quant Time: Mar 08 12:00:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 11:57:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	306633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	485795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	430684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	32059	11.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.56%#		
35) Dibromofluoromethane	7.728	113	28327	9.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.10%#		
50) Toluene-d8	10.185	98	112725	9.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.22%#		
62) 4-Bromofluorobenzene	12.483	95	42059	10.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	21.28%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	30091	12.51	ug/l	100
3) Chloromethane	2.119	50	38405	13.47	ug/l	94
4) Vinyl Chloride	2.260	62	41313	12.51	ug/l	98
5) Bromomethane	2.662	94	26405	11.53	ug/l	94
6) Chloroethane	2.808	64	24134	11.50	ug/l	95
7) Trichlorofluoromethane	3.137	101	53930	10.83	ug/l	99
8) Diethyl Ether	3.540	74	17092	11.20	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	30036	11.03	ug/l	95
10) Methyl Iodide	4.107	142	27469	8.72	ug/l	99
11) Tert butyl alcohol	4.972	59	16391	65.90	ug/l #	92
12) 1,1-Dichloroethene	3.887	96	29357	11.06	ug/l	90
13) Acrolein	3.747	56	13501	54.50	ug/l	95
14) Allyl chloride	4.497	41	46756	12.15	ug/l	92
15) Acrylonitrile	5.186	53	43010	57.60	ug/l	98
16) Acetone	3.960	43	38517	63.60	ug/l	94
17) Carbon Disulfide	4.210	76	87706	11.18	ug/l	99
18) Methyl Acetate	4.491	43	19285	12.17	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	82001	11.06	ug/l	98
20) Methylene Chloride	4.735	84	40872	11.59	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	31912	10.17	ug/l	94
22) Diisopropyl ether	6.137	45	99376	11.02	ug/l	94
23) Vinyl Acetate	6.076	43	330807	57.27	ug/l	97
24) 1,1-Dichloroethane	6.033	63	54918	10.35	ug/l	98
25) 2-Butanone	7.003	43	57858	61.63	ug/l	94
26) 2,2-Dichloropropane	6.996	77	53043	11.22	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	36888	10.51	ug/l	92
28) Bromochloromethane	7.350	49	24793	11.76	ug/l	97
29) Tetrahydrofuran	7.362	42	38370	63.02	ug/l	96
30) Chloroform	7.521	83	57351	10.52	ug/l	97
31) Cyclohexane	7.795	56	58899	12.07	ug/l #	89
32) 1,1,1-Trichloroethane	7.716	97	52943	10.55	ug/l	100
36) 1,1-Dichloropropene	7.929	75	45936	10.70	ug/l	99
37) Ethyl Acetate	7.088	43	25151	11.61	ug/l #	96
38) Carbon Tetrachloride	7.917	117	47372	10.09	ug/l	98
39) Methylcyclohexane	9.191	83	58938	10.13	ug/l	95
40) Benzene	8.173	78	126850	10.25	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	14622m	10.97	ug/l	
42) 1,2-Dichloroethane	8.246	62	39352	11.13	ug/l	95
43) Isopropyl Acetate	8.283	43	49754	11.96	ug/l	98
44) Trichloroethene	8.947	130	37131	9.57	ug/l	100
45) 1,2-Dichloropropane	9.228	63	31777	10.12	ug/l	96
46) Dibromomethane	9.313	93	18324	10.13	ug/l	96
47) Bromodichloromethane	9.508	83	44683	10.15	ug/l	97
48) Methyl methacrylate	9.301	41	23390	11.79	ug/l	95
49) 1,4-Dioxane	9.307	88	5044	217.13	ug/l #	89
51) 4-Methyl-2-Pentanone	10.075	43	126796	57.59	ug/l	97
52) Toluene	10.252	92	81241	9.60	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	46928	10.21	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	52353	10.02	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	26313	10.15	ug/l	96
56) Ethyl methacrylate	10.514	69	35843	10.70	ug/l	95
57) 1,3-Dichloropropane	10.795	76	44126	10.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	86881	58.07	ug/l	97
59) 2-Hexanone	10.837	43	90953	61.71	ug/l	100
60) Dibromochloromethane	10.990	129	31362	9.64	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25064	10.07	ug/l	97
64) Tetrachloroethene	10.721	164	39000	9.50	ug/l	93
65) Chlorobenzene	11.520	112	86462	9.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32452	9.64	ug/l	99
67) Ethyl Benzene	11.593	91	157841	10.16	ug/l	97
68) m/p-Xylenes	11.709	106	121361	19.86	ug/l	97
69) o-Xylene	12.032	106	57466	9.83	ug/l	96
70) Styrene	12.050	104	98140	9.89	ug/l	98
71) Bromoform	12.209	173	19469	9.11	ug/l #	96
73) Isopropylbenzene	12.331	105	156410	10.08	ug/l	98
74) N-amyl acetate	12.148	43	45802	12.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	28214	10.34	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22366m	10.52	ug/l	
77) Bromobenzene	12.611	156	36649	9.46	ug/l	96
78) n-propylbenzene	12.672	91	184540	10.32	ug/l	98
79) 2-Chlorotoluene	12.758	91	102771	10.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	132592	10.47	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	11169	10.33	ug/l	98
82) 4-Chlorotoluene	12.855	91	109473	10.54	ug/l	97
83) tert-Butylbenzene	13.075	119	115233	10.32	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	134122	10.48	ug/l	98
85) sec-Butylbenzene	13.258	105	157241	10.50	ug/l	99
86) p-Isopropyltoluene	13.373	119	144965	10.32	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	69272	9.70	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	69776	9.66	ug/l	95
89) n-Butylbenzene	13.696	91	139312	10.64	ug/l	99
90) Hexachloroethane	13.965	117	25536	9.89	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	62263	9.59	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5332	11.18	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	42599	9.14	ug/l	97
94) Hexachlorobutadiene	15.117	225	23992	8.62	ug/l	98
95) Naphthalene	15.239	128	84907	9.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	35148	9.15	ug/l	97

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

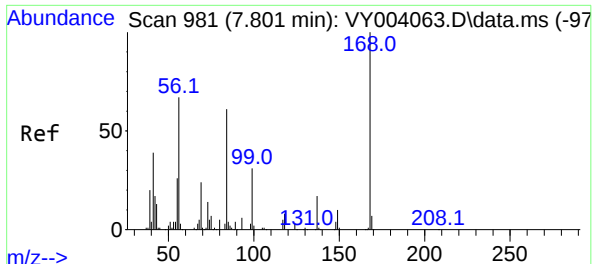
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3/9/2021 3:03:00 PM

Abundance

TIC: VY004061.D\data.ms

Time-->

Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1,1-Trichloroethane, T
Acetone, T
Methyl Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
1,1,1-Dichloroethane, T
Isopropyl Alcohol, T
Ethyl Acetate, T
cis-2,3-Dichloropentane, T
Methoxychloromethane, T
Chloroform, C
1,1,1-Trichloroethane, T
1,2-Dichloroethane, T
1,3-Dichloropropane, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethylbenzene, T
1,2-Trichloroethane, T
1,3-Dichloropropane, T
1,2-Dibromomethane, I
Chlorobenzene, PM
Ethyl Benzene, T
Methyl Chloride, T
Styrene, T
Bromoforn, T
trans-1,4-Dichloro-2-butene, T
1,2-Dichloroethane, T
1,3-Dichloropropane, T
1,4-Dichlorobenzene, T
sec-Butylbenzene, T
1,2-Dichlorobenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Butylbenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, I
Naphthalene, I
1,2,3-Trichlorobenzene, T



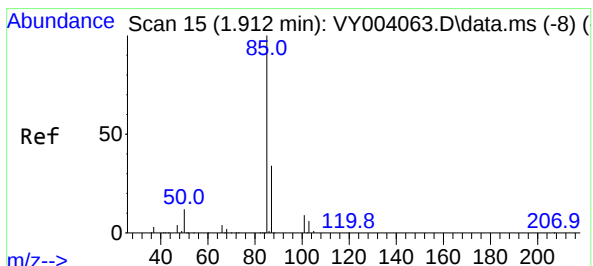
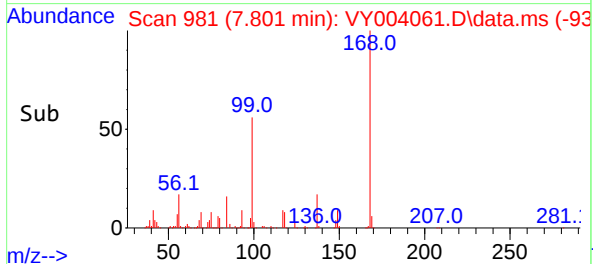
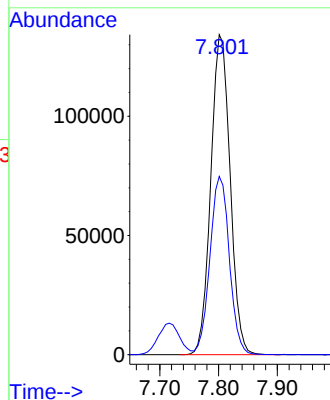
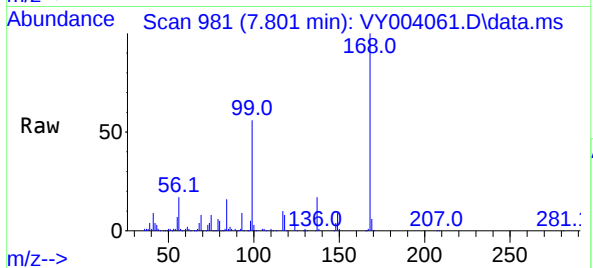
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 168 Resp: 306633
Ion Ratio Lower Upper
168 100
99 55.7 41.2 61.8

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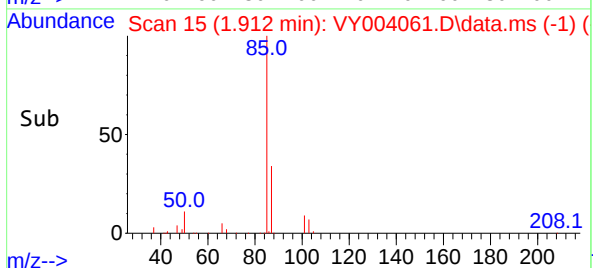
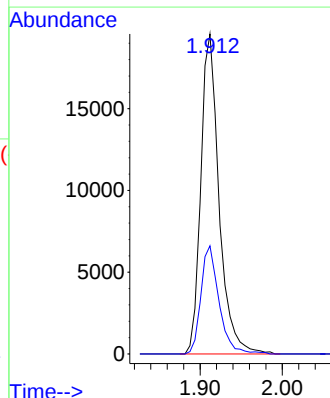
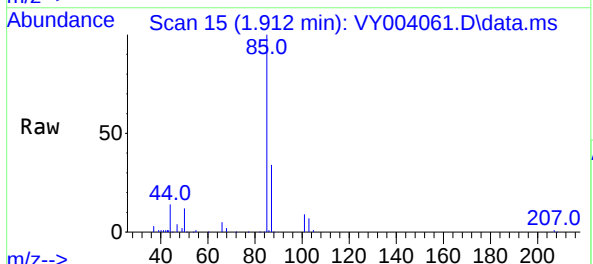
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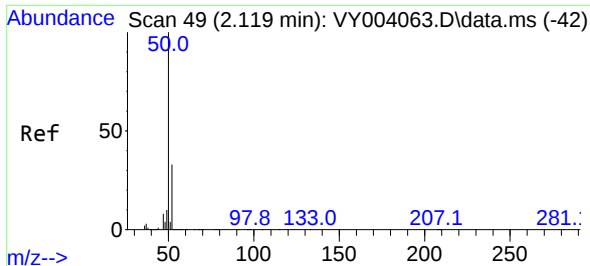
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#2
Dichlorodifluoromethane
Concen: 12.51 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 85 Resp: 30091
Ion Ratio Lower Upper
85 100
87 33.8 17.0 51.0





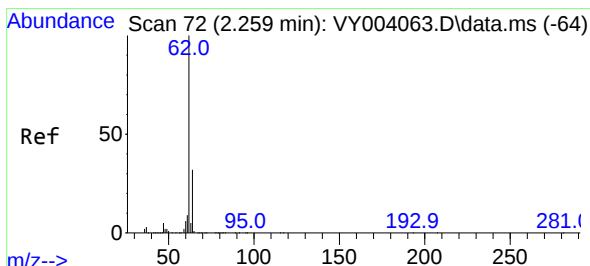
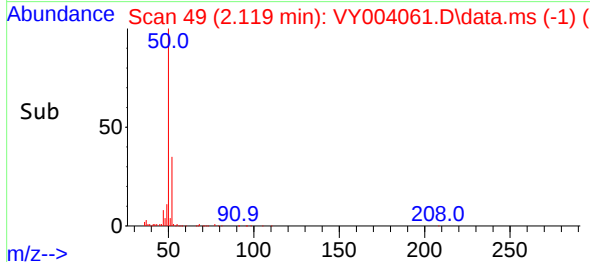
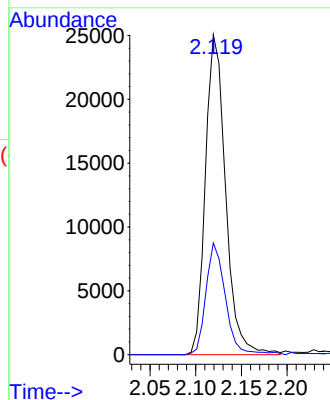
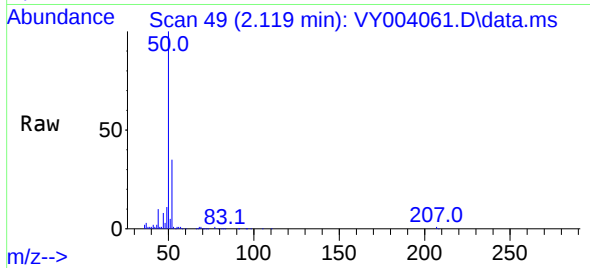
#3
Chloromethane
Concen: 13.47 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 50 Resp: 38405
Ion Ratio Lower Upper
50 100
52 34.9 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
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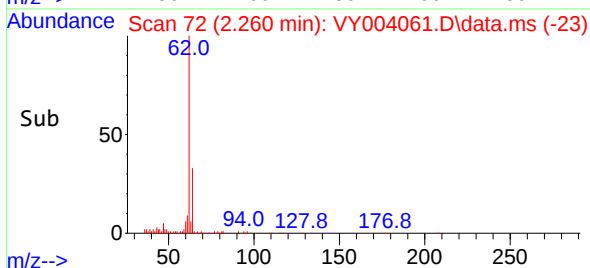
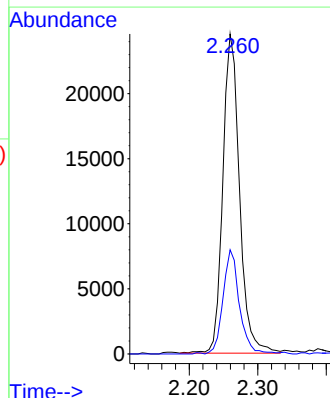
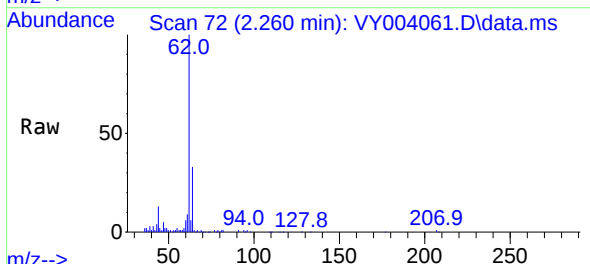
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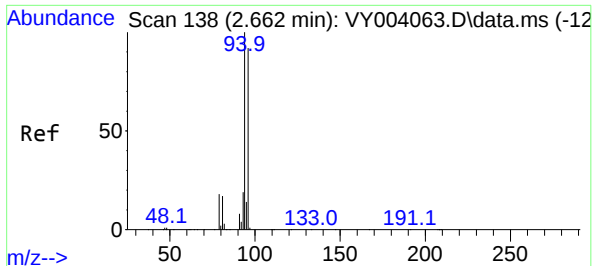
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#4
Vinyl Chloride
Concen: 12.51 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 62 Resp: 41313
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





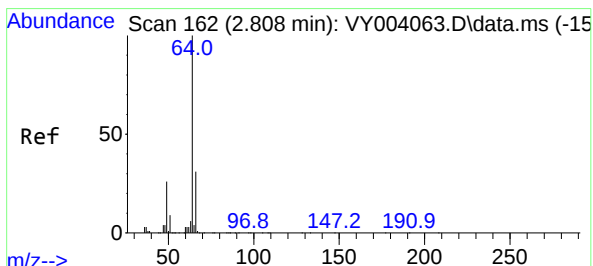
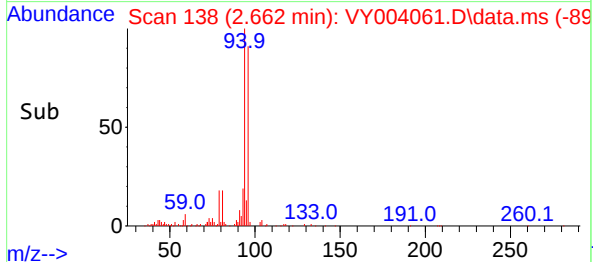
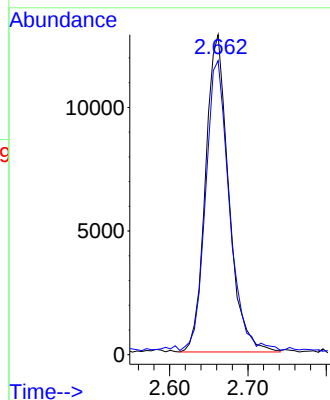
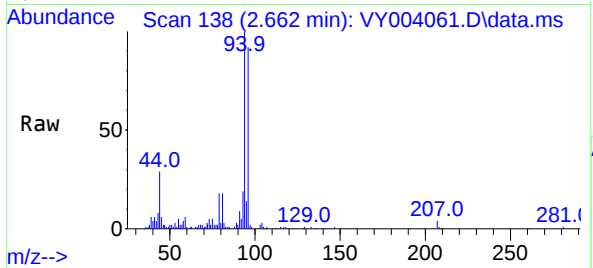
#5
Bromomethane
Concen: 11.53 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.000 min
Lab File: VY004061.D
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Tgt Ion: 94 Resp: 26405
Ion Ratio Lower Upper
94 100
96 91.4 77.4 116.2

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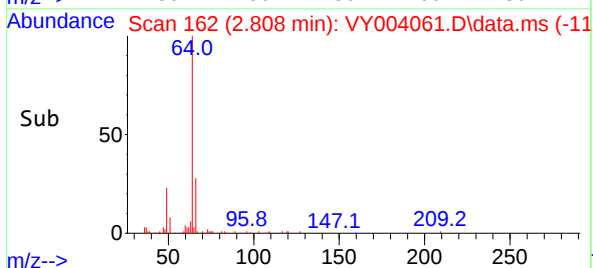
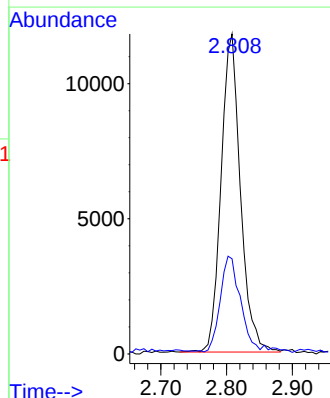
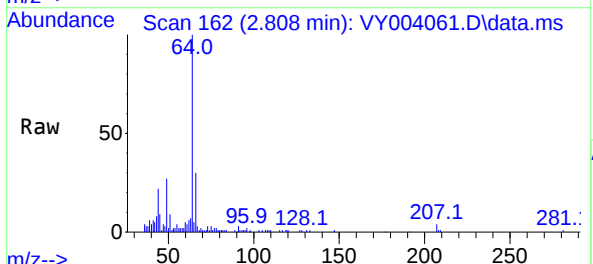
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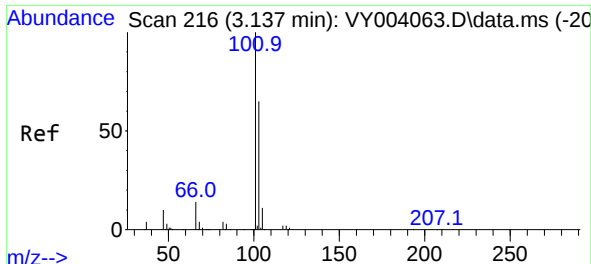
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#6
Chloroethane
Concen: 11.50 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 64 Resp: 24134
Ion Ratio Lower Upper
64 100
66 28.7 25.0 37.6





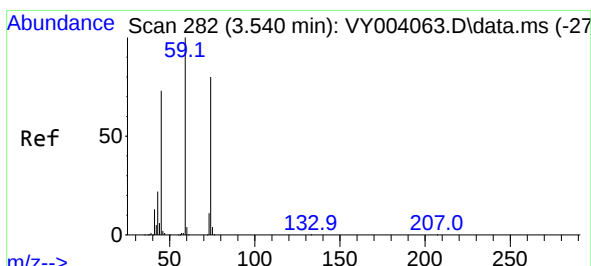
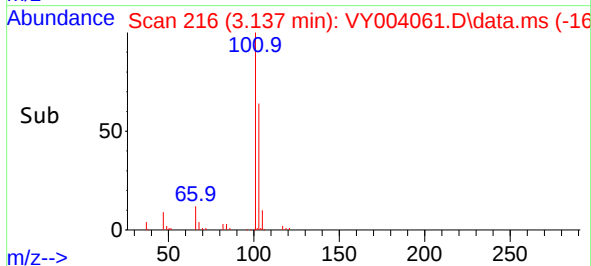
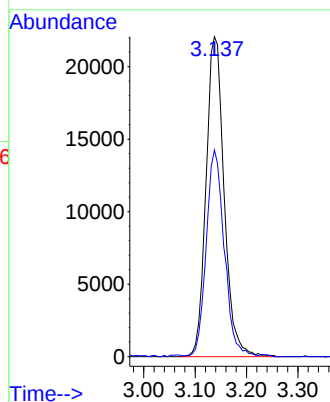
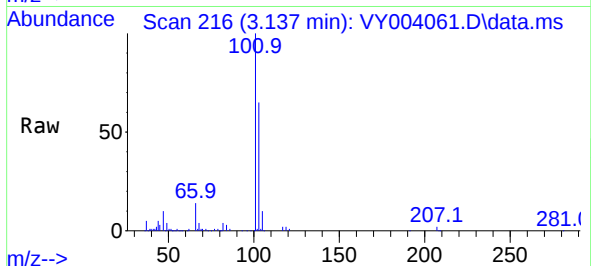
#7
Trichlorofluoromethane
Concen: 10.83 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY004061.D
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Tgt Ion:101 Resp: 53930
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

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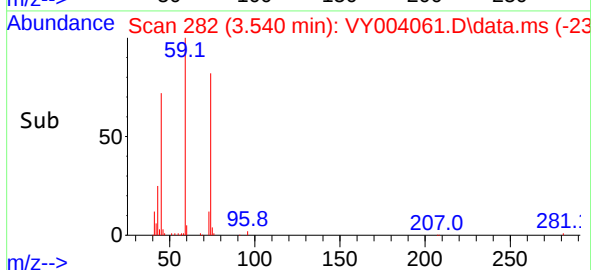
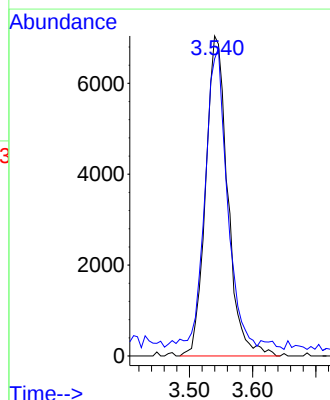
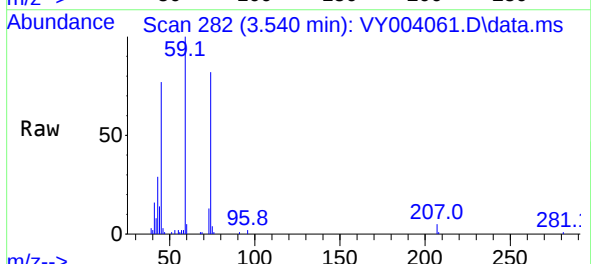
Manual Integrations
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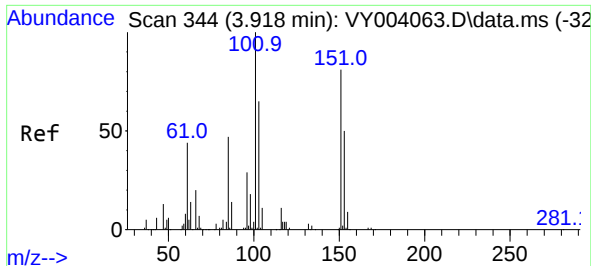
MMDadoda
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#8
Diethyl Ether
Concen: 11.20 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 74 Resp: 17092
Ion Ratio Lower Upper
74 100
45 95.2 52.6 157.8





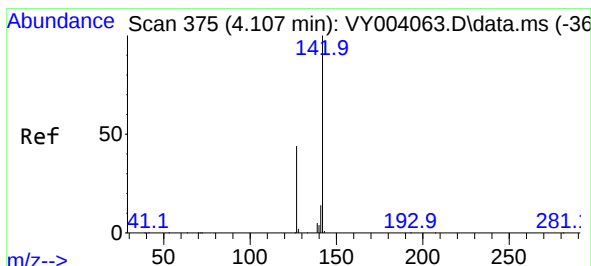
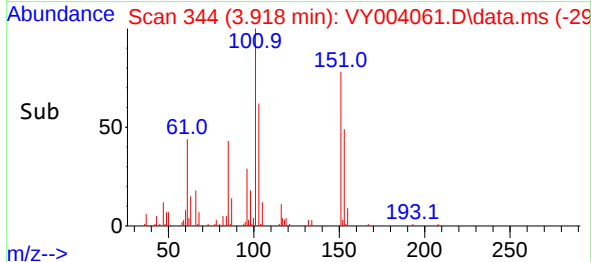
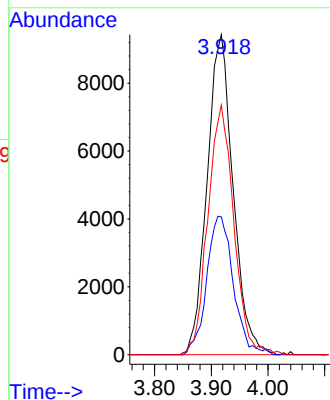
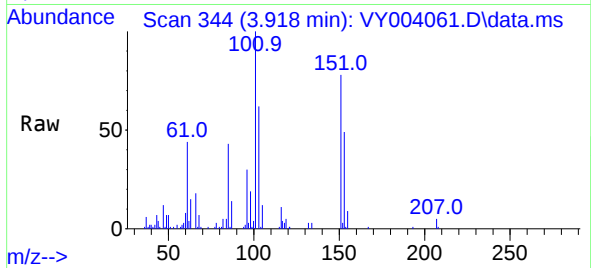
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.03 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:101 Resp: 30036
Ion Ratio Lower Upper
101 100
85 44.5 36.1 54.1
151 77.8 66.9 100.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

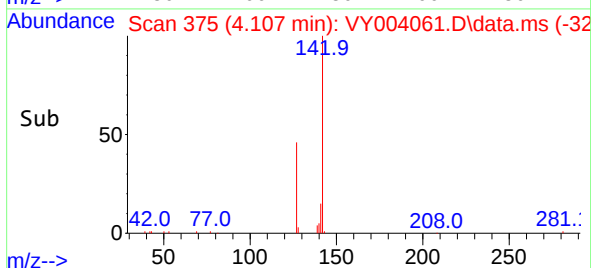
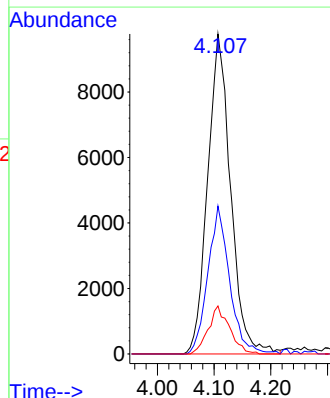
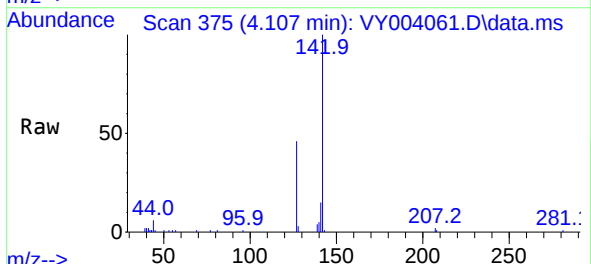
Manual Integrations
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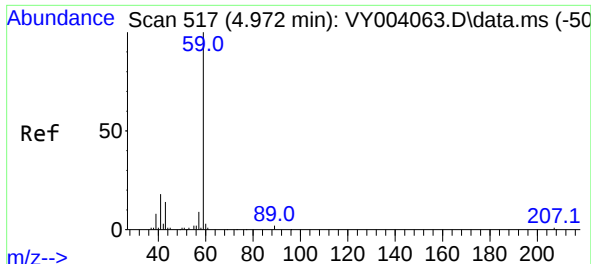
MMDadoda
3/9/2021 3:03:00 PM



#10
Methyl Iodide
Concen: 8.72 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

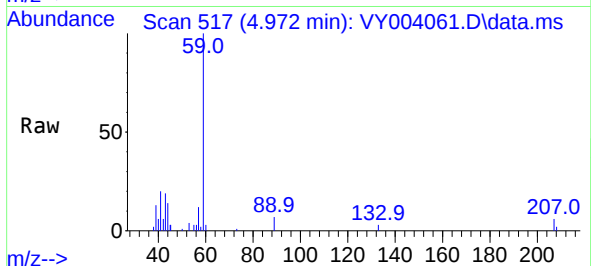
Tgt Ion:142 Resp: 27469
Ion Ratio Lower Upper
142 100
127 43.9 35.4 53.0
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 65.90 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

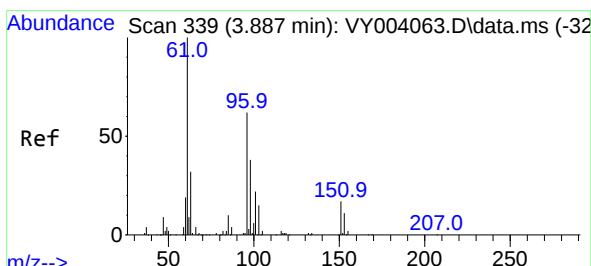
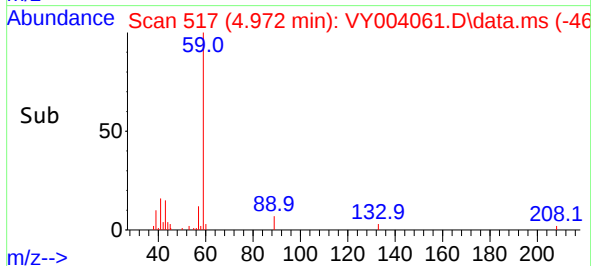
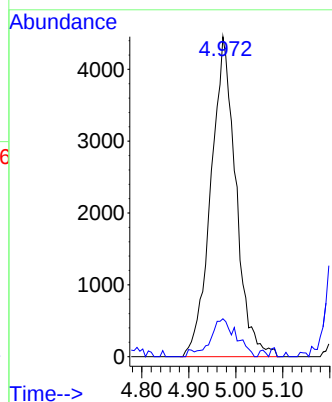
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



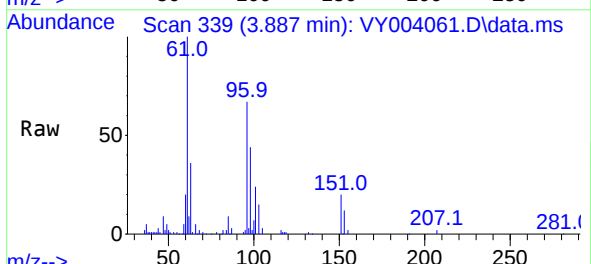
Tgt Ion: 59 Resp: 16391
Ion Ratio Lower Upper
59 100
57 11.6 6.9 10.3#

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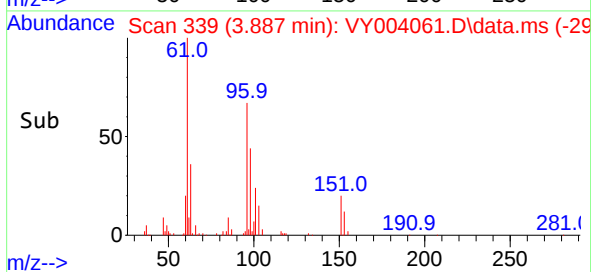
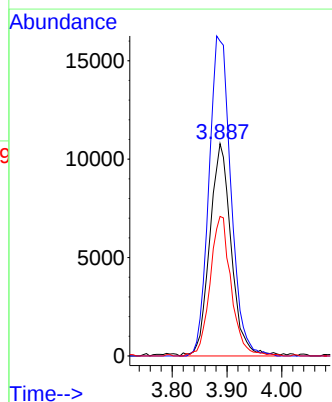
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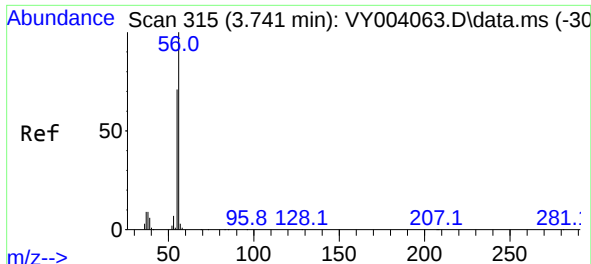


#12
1,1-Dichloroethene
Concen: 11.06 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



Tgt Ion: 96 Resp: 29357
Ion Ratio Lower Upper
96 100
61 148.3 130.7 196.1
98 65.7 48.9 73.3





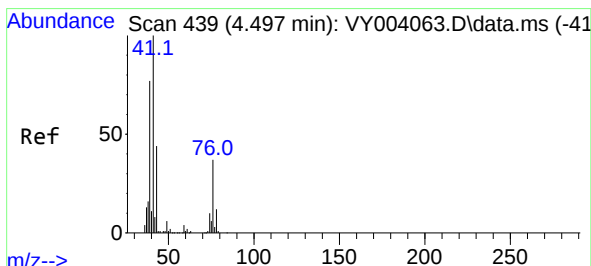
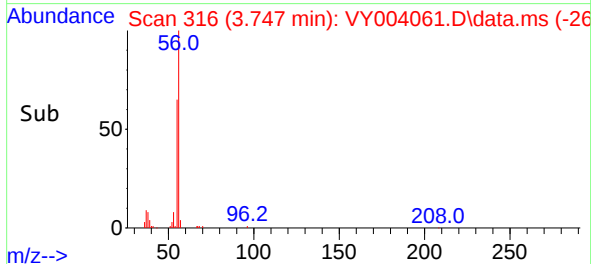
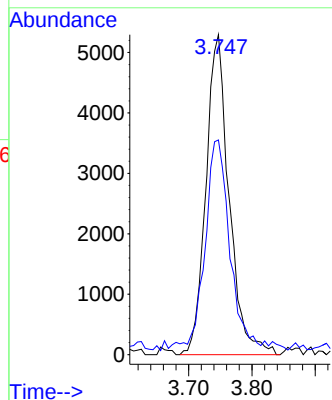
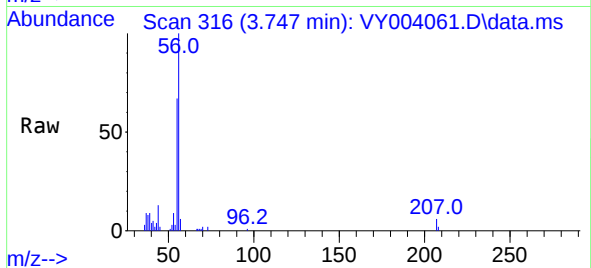
#13
Acrolein
Concen: 54.50 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 56 Resp: 13501
Ion Ratio Lower Upper
56 100
55 64.8 55.4 83.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

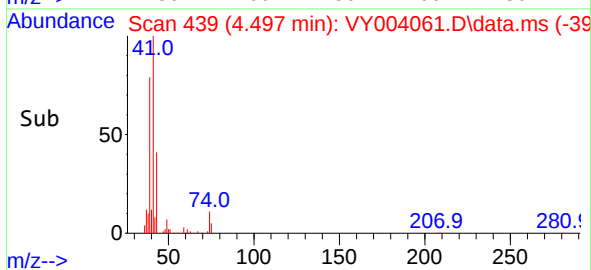
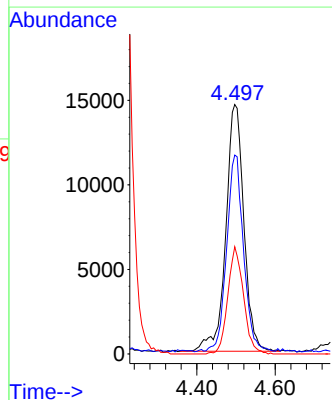
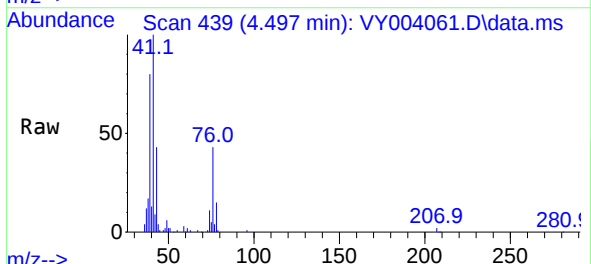
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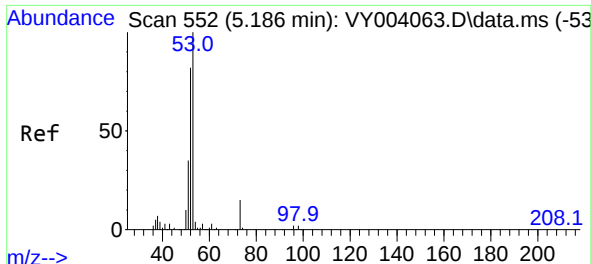
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#14
Allyl chloride
Concen: 12.15 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

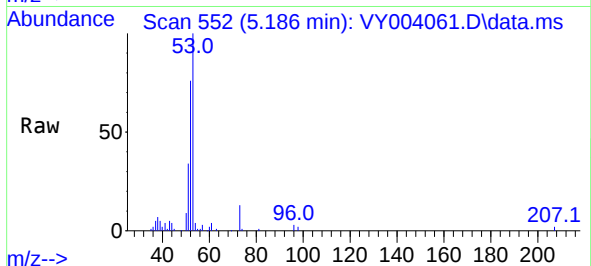
Tgt Ion: 41 Resp: 46756
Ion Ratio Lower Upper
41 100
39 73.9 54.0 81.0
76 37.9 26.1 39.1





#15
Acrylonitrile
Concen: 57.60 ug/l
RT: 5.186 min Scan# 552
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

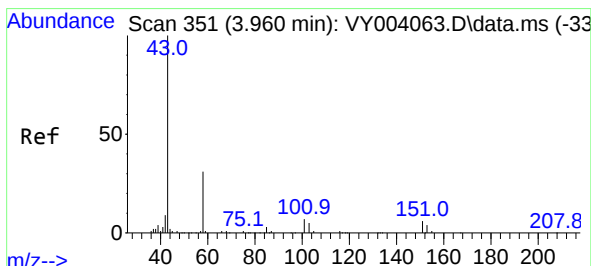
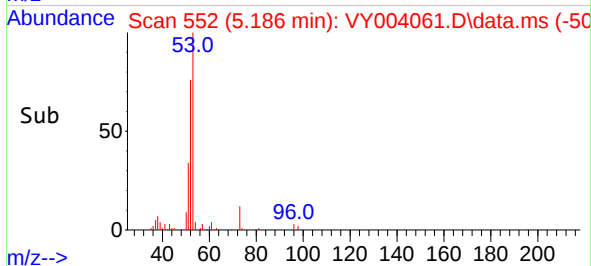
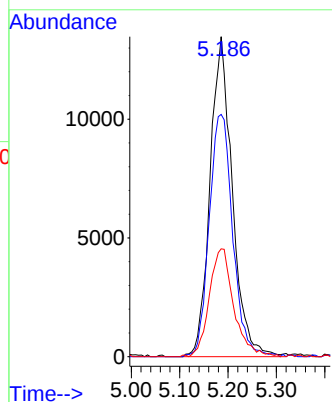
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 53 Resp: 43010
Ion Ratio Lower Upper
53 100
52 80.2 66.2 99.4
51 37.2 29.5 44.3

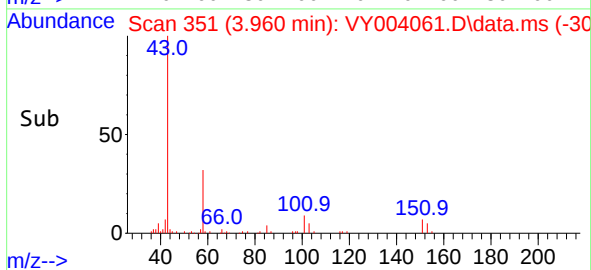
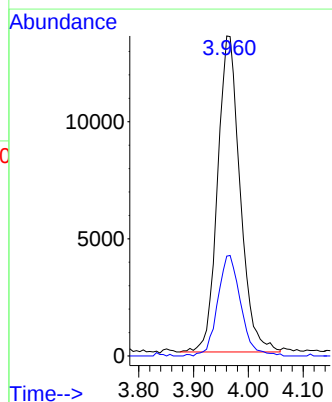
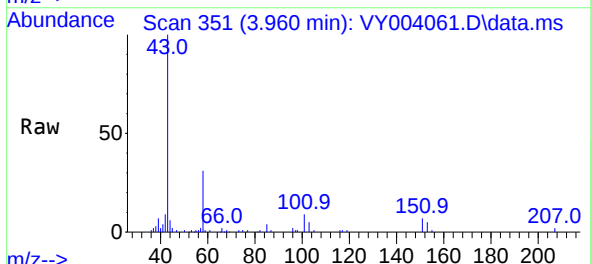
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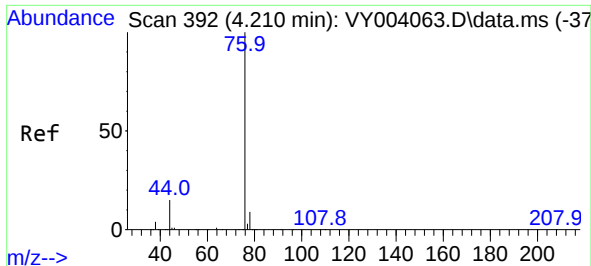
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#16
Acetone
Concen: 63.60 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

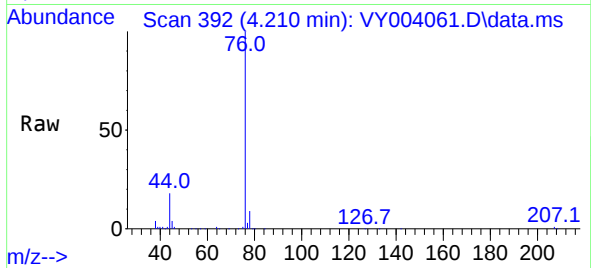
Tgt Ion: 43 Resp: 38517
Ion Ratio Lower Upper
43 100
58 31.6 22.6 34.0



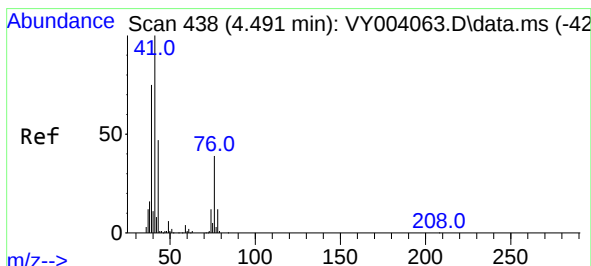
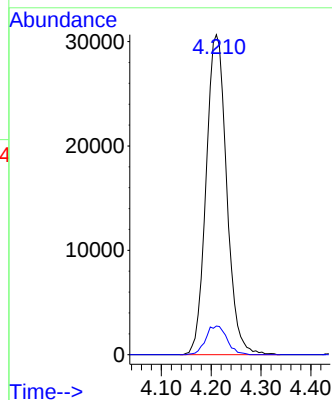
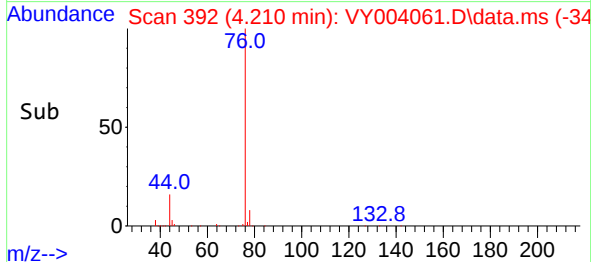


#17
Carbon Disulfide
Concen: 11.18 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

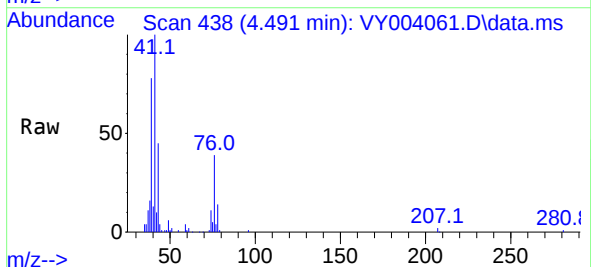
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



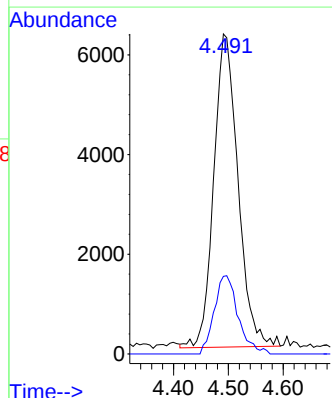
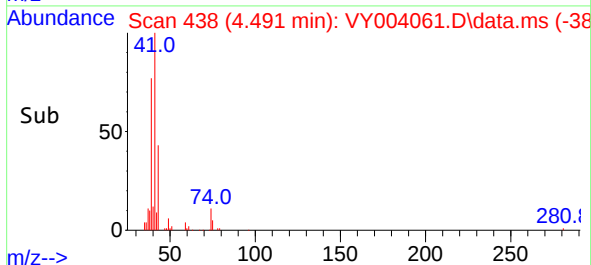
Tgt Ion: 76 Resp: 87706
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

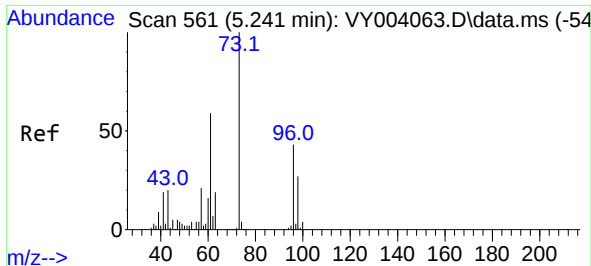


#18
Methyl Acetate
Concen: 12.17 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



Tgt Ion: 43 Resp: 19285
Ion Ratio Lower Upper
43 100
74 24.6 17.6 26.4





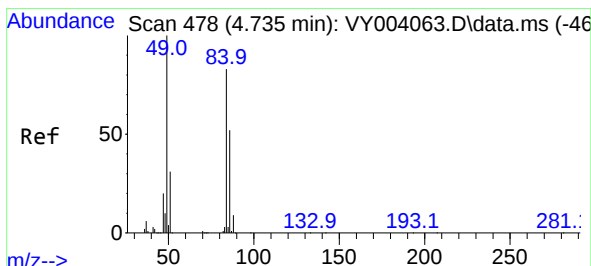
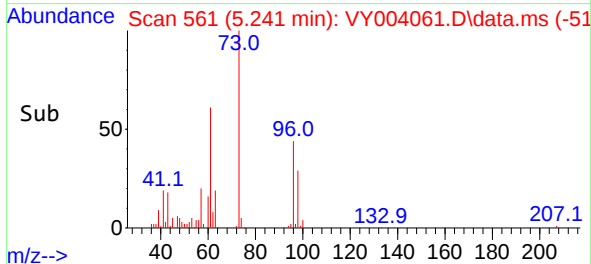
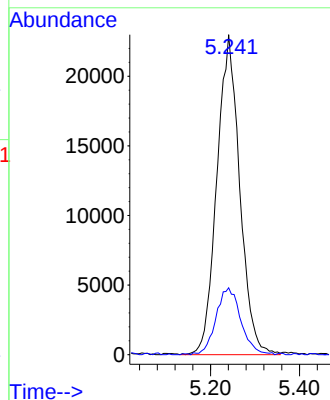
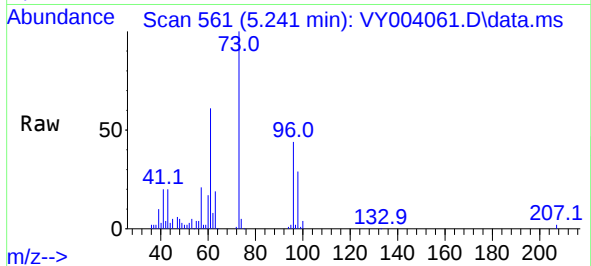
#19
Methyl tert-butyl Ether
Concen: 11.06 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 73 Resp: 82001
Ion Ratio Lower Upper
73 100
57 20.9 17.5 26.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

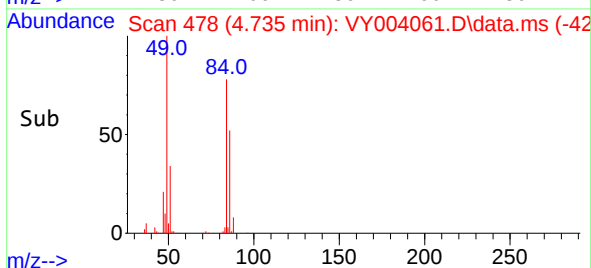
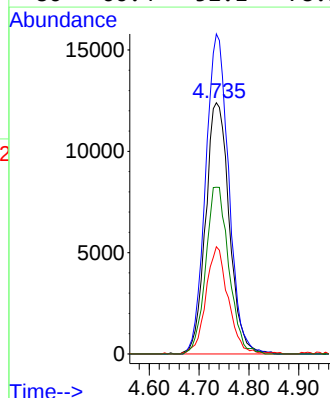
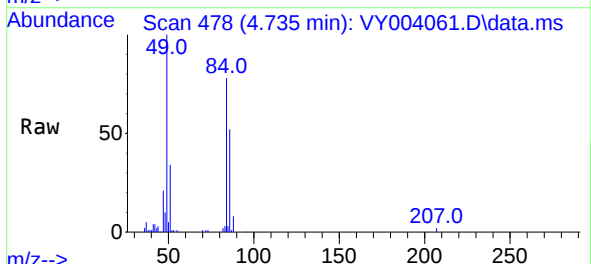
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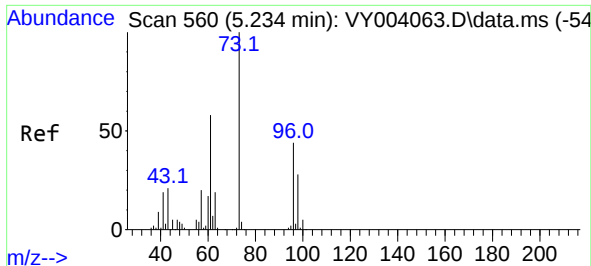
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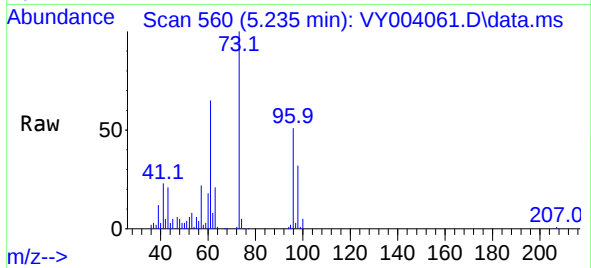
#20
Methylene Chloride
Concen: 11.59 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 84 Resp: 40872
Ion Ratio Lower Upper
84 100
49 127.4 105.8 158.6
51 42.7 32.6 48.8
86 66.4 52.1 78.1



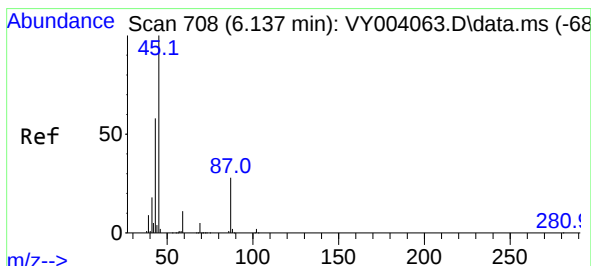
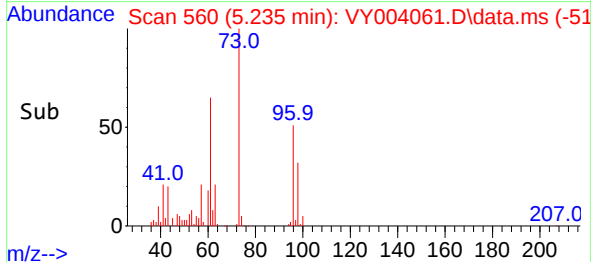
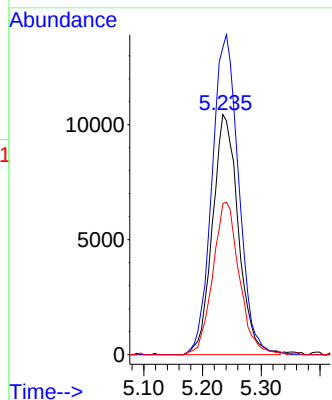


#21
trans-1,2-Dichloroethene
Concen: 10.17 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

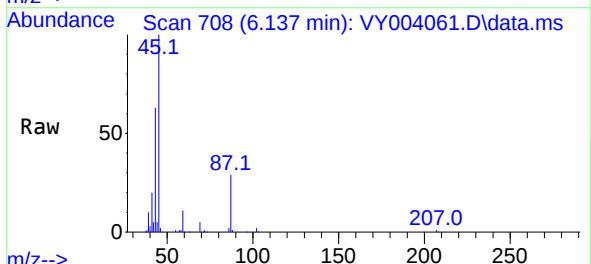


Tgt Ion: 96 Resp: 31912

Ion	Ratio	Lower	Upper
96	100		
61	128.1	110.8	166.2
98	62.9	51.0	76.6

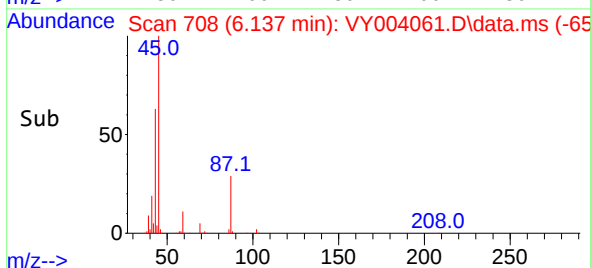
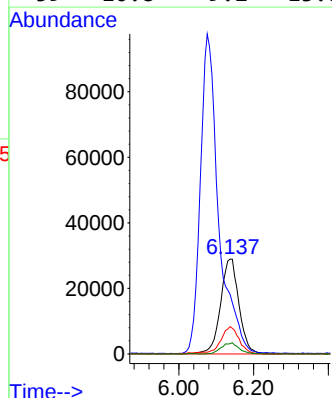


#22
Diisopropyl ether
Concen: 11.02 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



Tgt Ion: 45 Resp: 99376

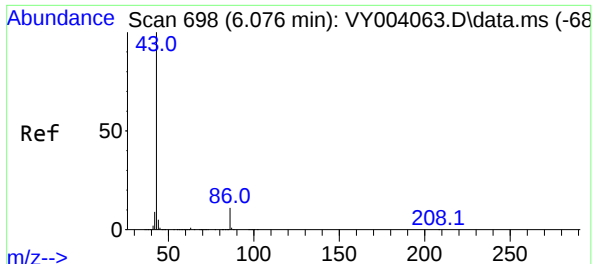
Ion	Ratio	Lower	Upper
45	100		
43	62.2	45.1	67.7
87	28.9	21.0	31.4
59	10.8	9.2	13.8



Instrument :
MSVOA_Y
ClientSampleId :
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#23

Vinyl Acetate

Concen: 57.27 ug/l

RT: 6.076 min Scan# 698

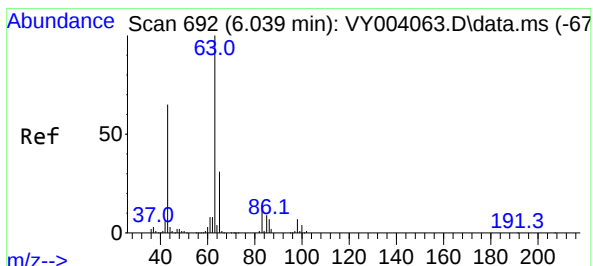
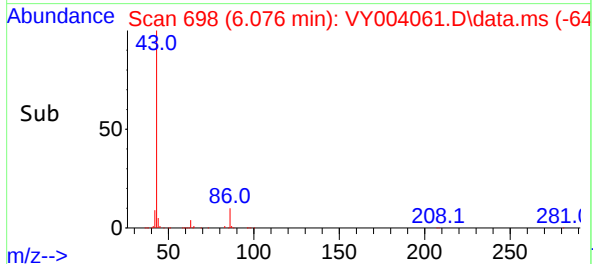
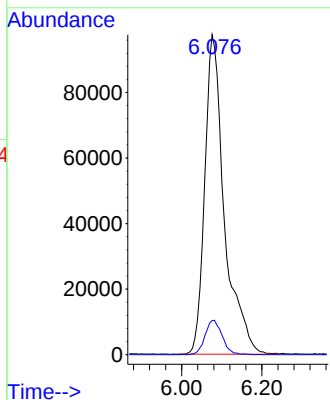
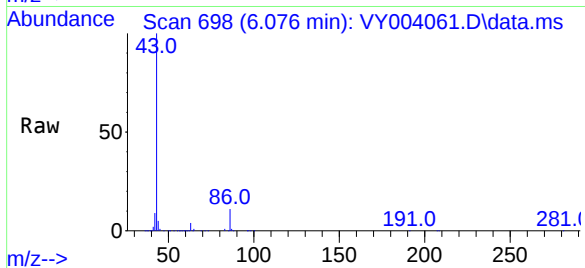
Delta R.T. 0.000 min

Lab File: VY004061.D

Acq: 08 Mar 2021 10:39

Tgt Ion: 43 Resp: 330807

Ion	Ratio	Lower	Upper
43	100		
86	10.6	7.8	11.6



#24

1,1-Dichloroethane

Concen: 10.35 ug/l

RT: 6.033 min Scan# 691

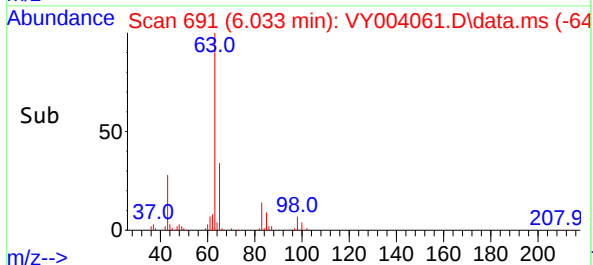
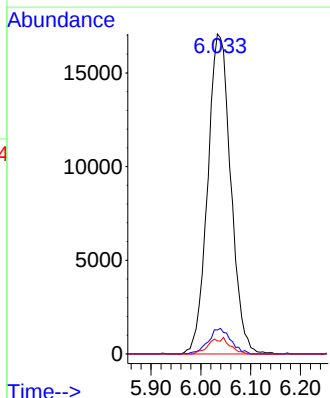
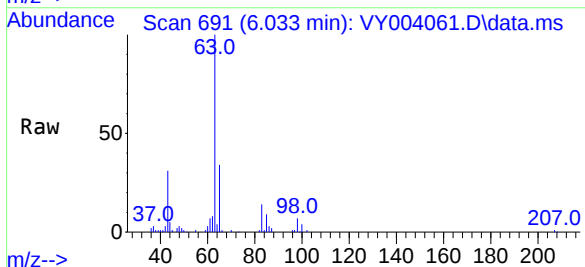
Delta R.T. -0.006 min

Lab File: VY004061.D

Acq: 08 Mar 2021 10:39

Tgt Ion: 63 Resp: 54918

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.5	10.4
100	4.1	2.3	6.9



Instrument :

MSVOA_Y

ClientSampleId :

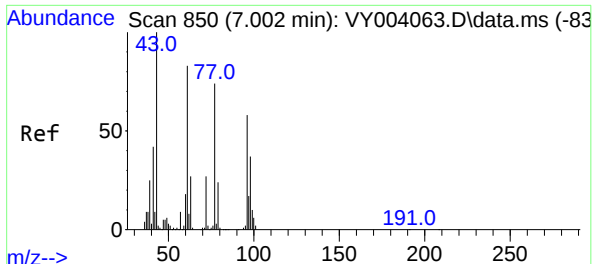
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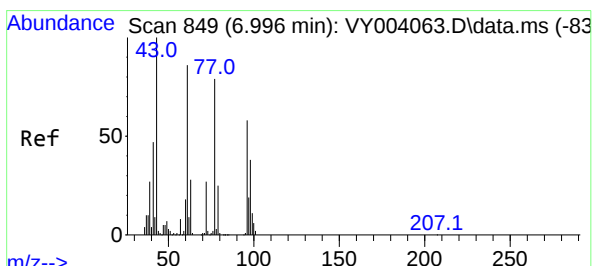
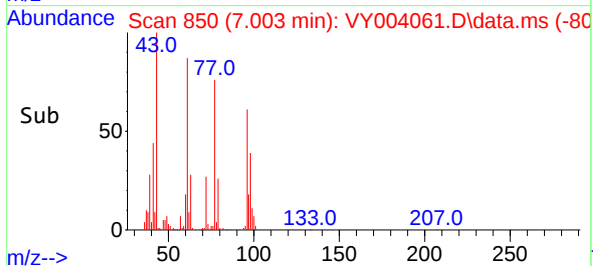
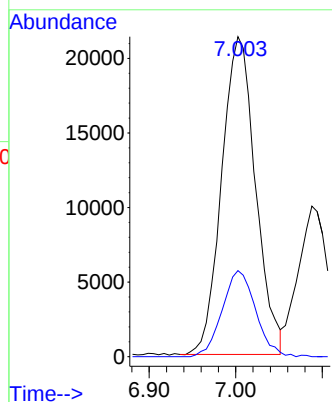
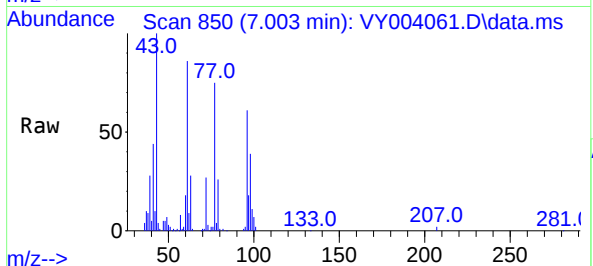
#25
2-Butanone
Concen: 61.63 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 43 Resp: 57858
Ion Ratio Lower Upper
43 100
72 27.1 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

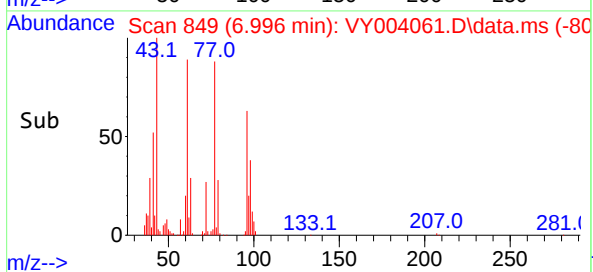
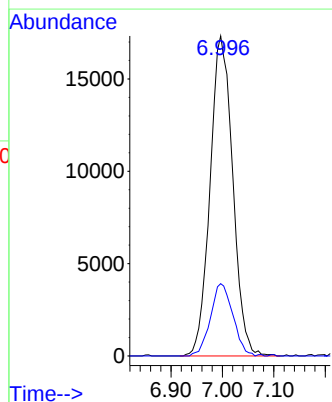
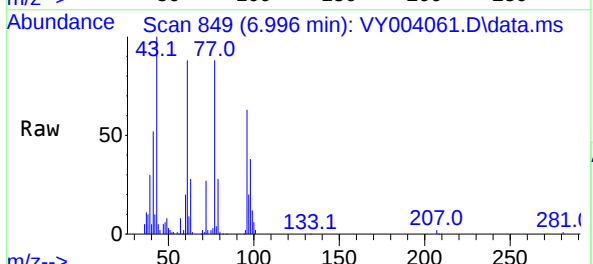
Manual Integrations
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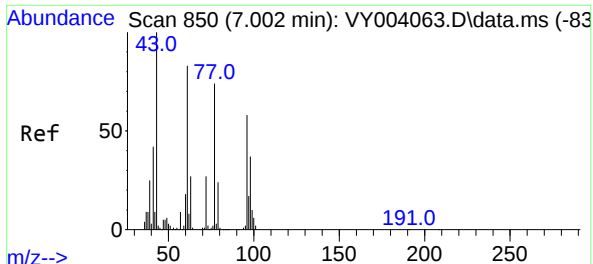
MMDadoda
3/9/2021 3:03:00 PM



#26
2,2-Dichloropropane
Concen: 11.22 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 77 Resp: 53043
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 10.51 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

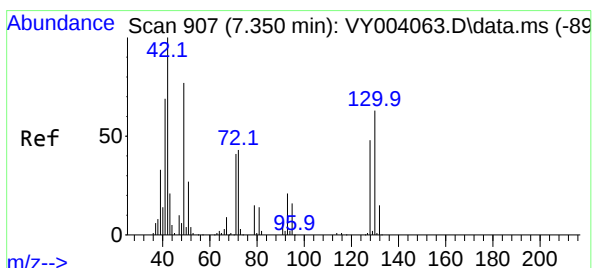
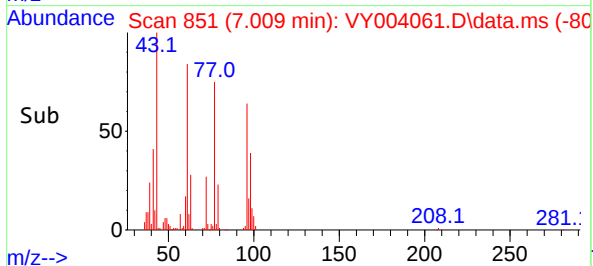
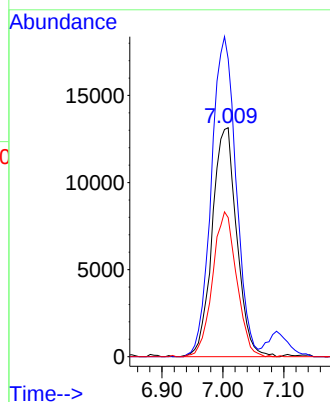
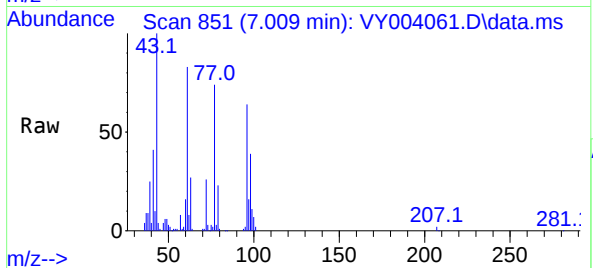
Tgt Ion: 96 Resp: 36888

Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	303.6
98	61.9	0.0	130.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

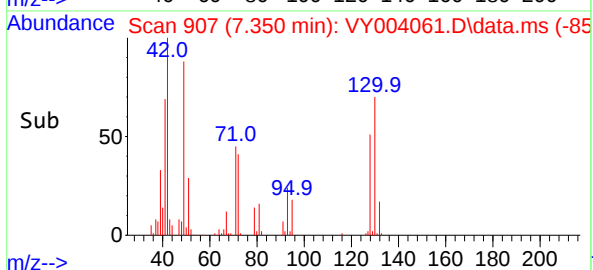
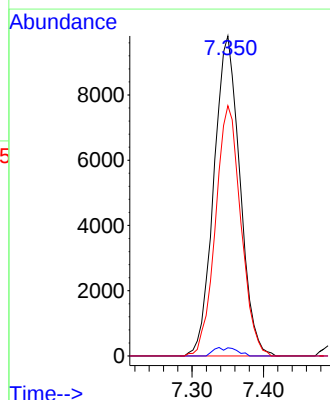
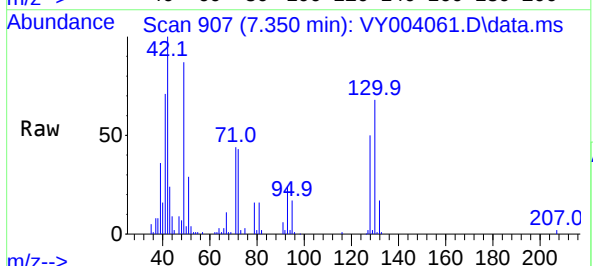
MMDadoda
3/9/2021 3:03:00 PM

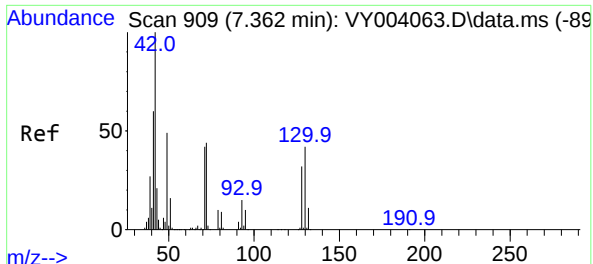


#28
Bromochloromethane
Concen: 11.76 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 49 Resp: 24793

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	76.3	59.0	88.4





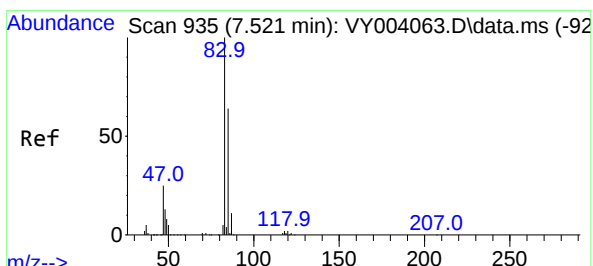
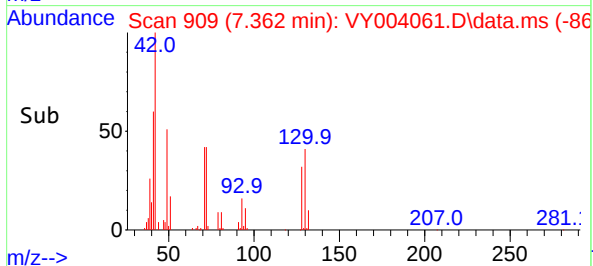
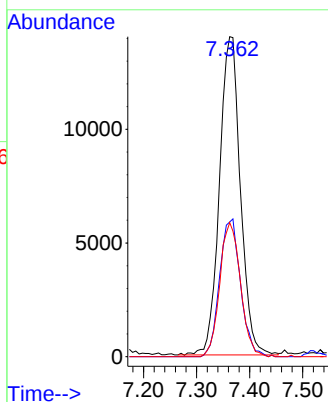
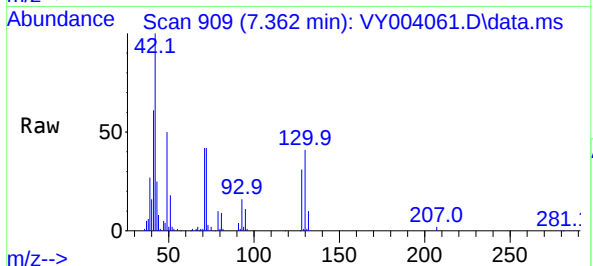
#29
Tetrahydrofuran
Concen: 63.02 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	42	Resp:	38370
Ion	Ratio	Lower	Upper
42	100		
72	43.3	32.6	48.8
71	41.6	31.0	46.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

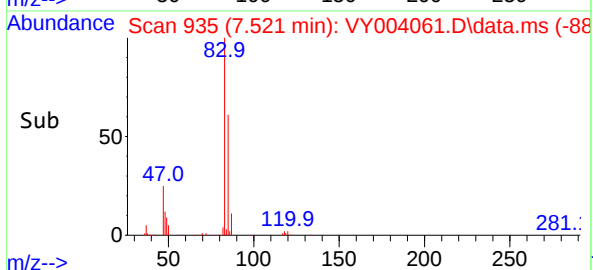
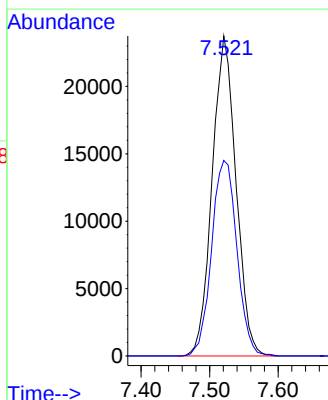
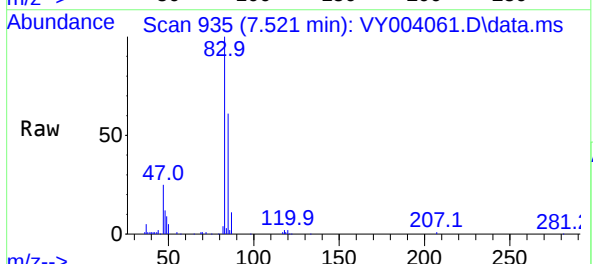
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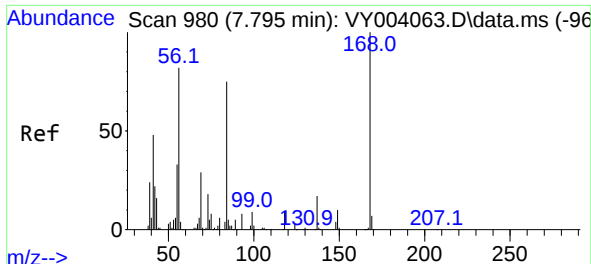
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#30
Chloroform
Concen: 10.52 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	83	Resp:	57351
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.0	76.6





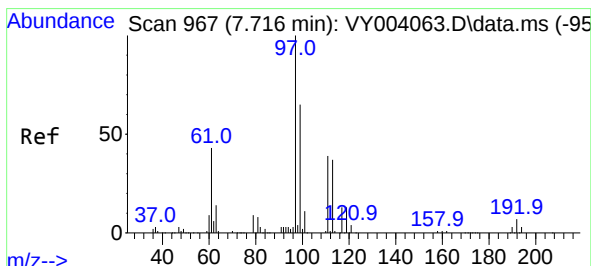
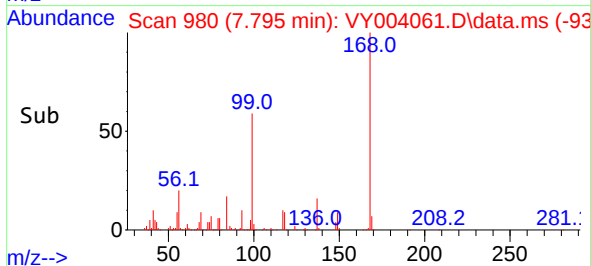
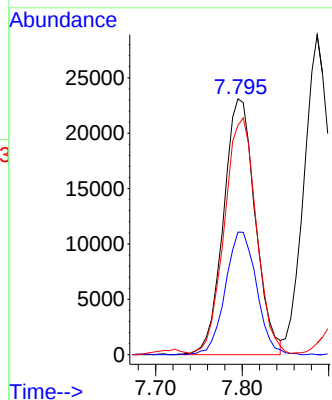
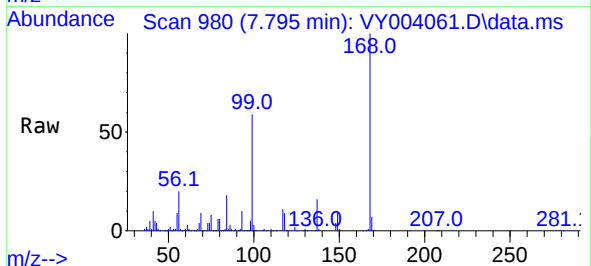
#31
Cyclohexane
Concen: 12.07 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 56 Resp: 58899
Ion Ratio Lower Upper
56 100
69 47.6 25.3 37.9#
84 88.3 67.3 100.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

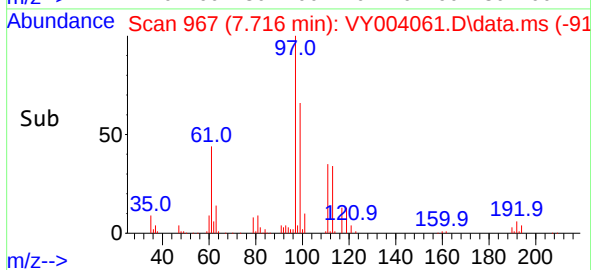
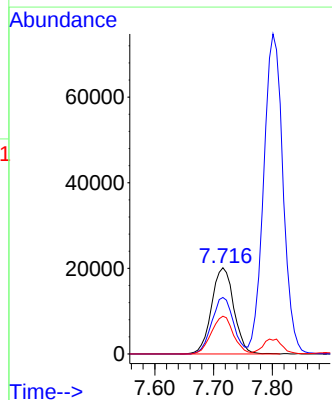
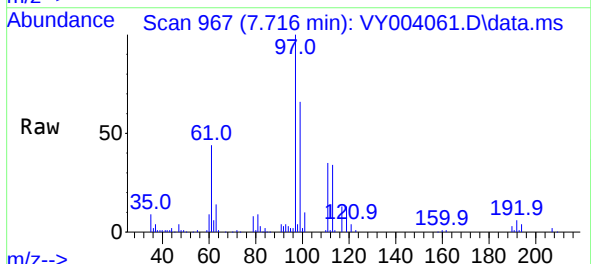
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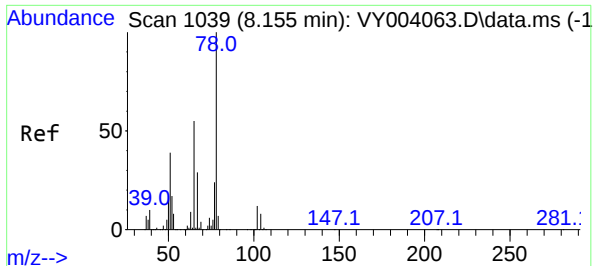
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#32
1,1,1-Trichloroethane
Concen: 10.55 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 97 Resp: 52943
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 43.2 34.5 51.7





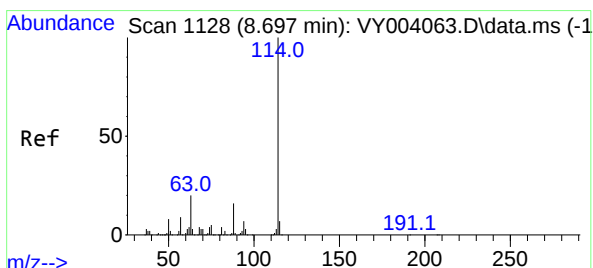
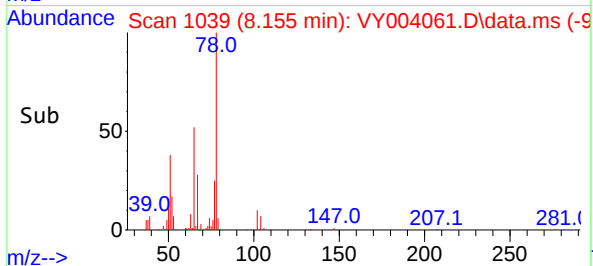
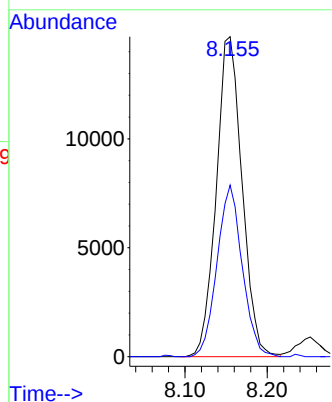
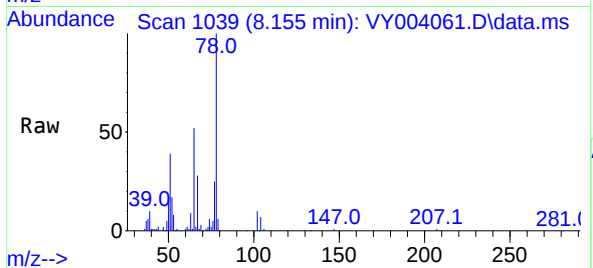
#33
1,2-Dichloroethane-d4
Concen: 11.28 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 65 Resp: 32059
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

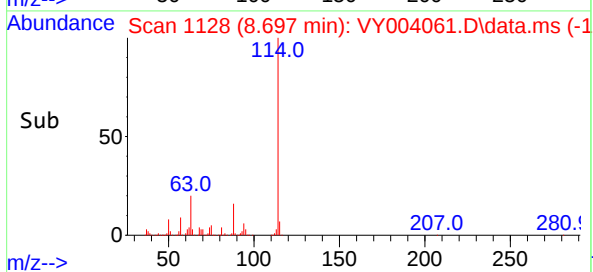
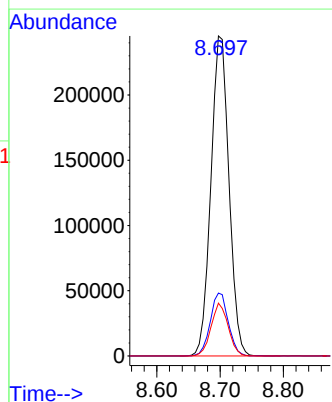
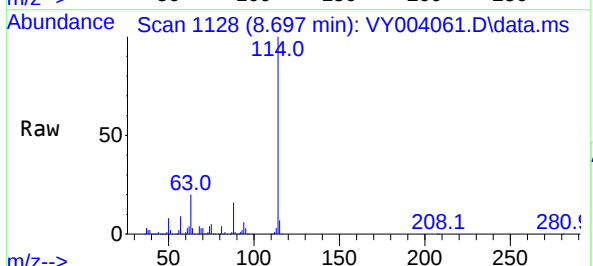
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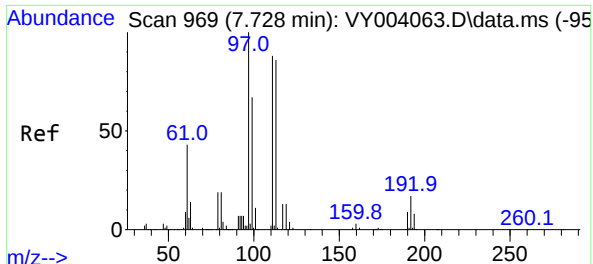
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:114 Resp: 485795
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 16.5 0.0 31.4





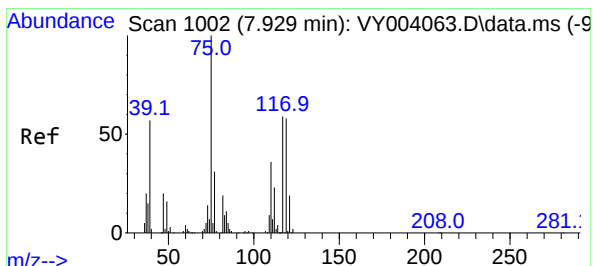
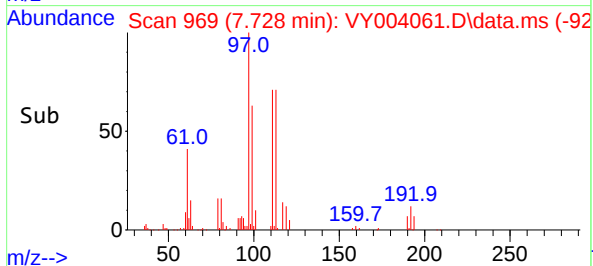
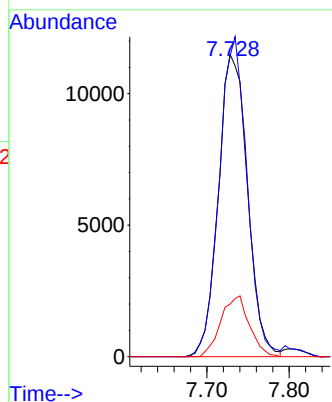
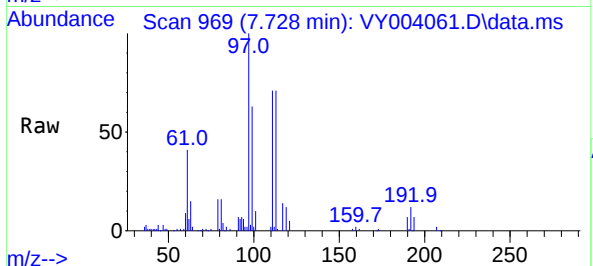
#35
Dibromofluoromethane
Concen: 9.55 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	113	Resp:	28327
Ion Ratio	Lower	Upper	
113	100		
111	101.5	83.2	124.8
192	19.6	18.5	27.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

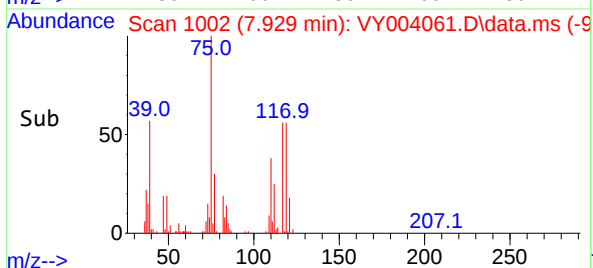
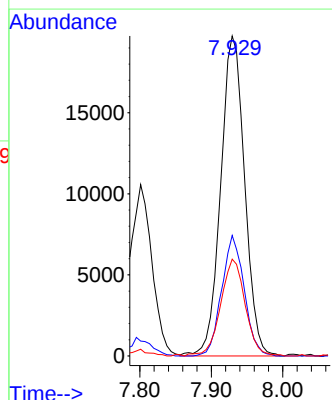
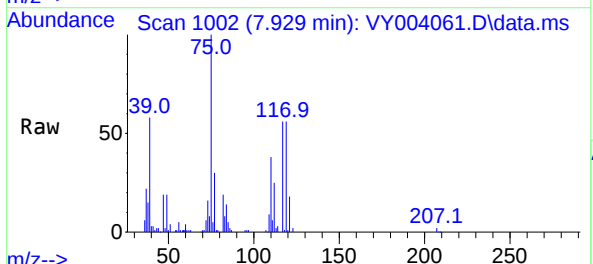
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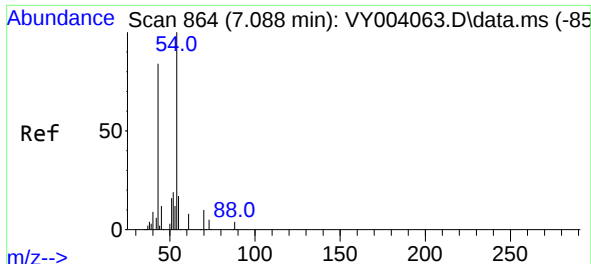
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#36
1,1-Dichloropropene
Concen: 10.70 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	75	Resp:	45936
Ion Ratio	Lower	Upper	
75	100		
110	35.4	17.4	52.3
77	31.0	24.5	36.7





#37

Ethyl Acetate

Concen: 11.61 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY004061.D

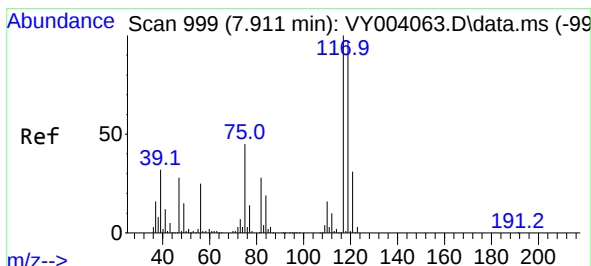
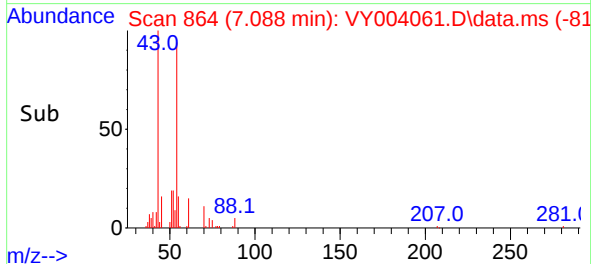
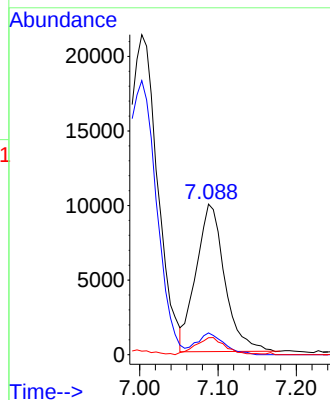
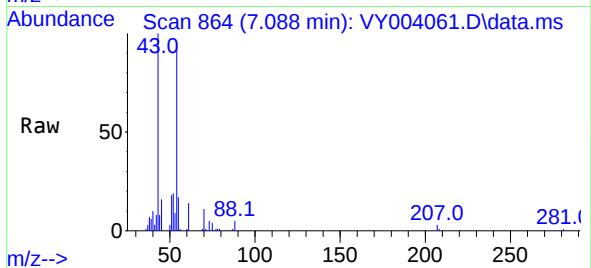
Acq: 08 Mar 2021 10:39

Tgt Ion:	43	Resp:	25151
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	12.0	7.7	11.5#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 10.09 ug/l

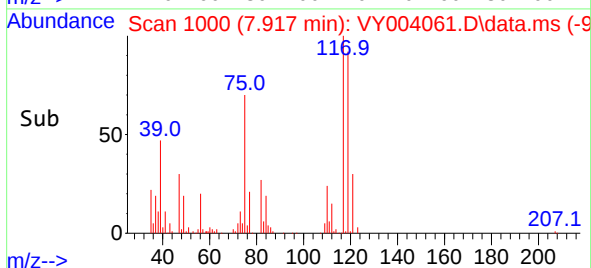
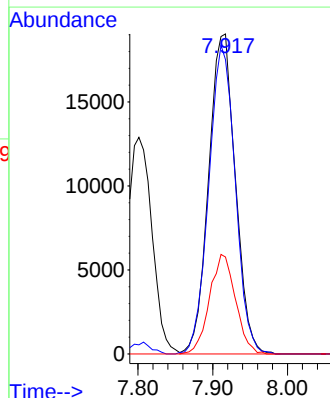
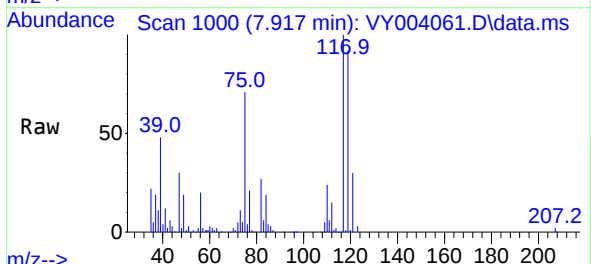
RT: 7.917 min Scan# 1000

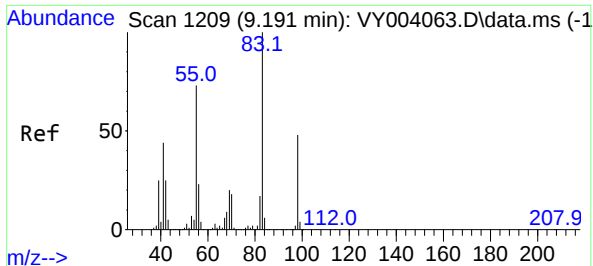
Delta R.T. 0.006 min

Lab File: VY004061.D

Acq: 08 Mar 2021 10:39

Tgt Ion:	117	Resp:	47372
Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.4	113.0
121	30.3	24.2	36.2





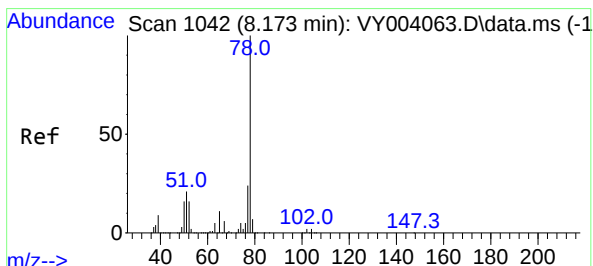
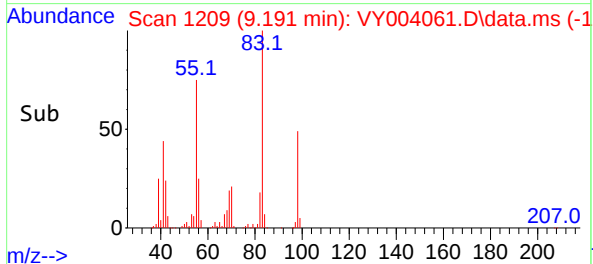
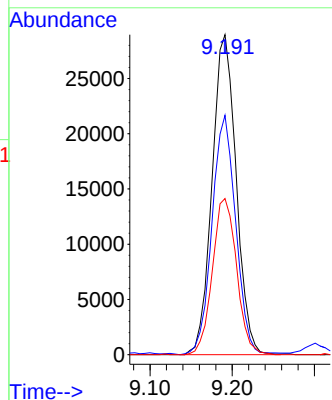
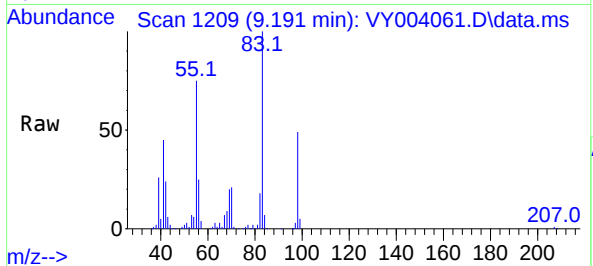
#39
Methylcyclohexane
Concen: 10.13 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 83 Resp: 58938
Ion Ratio Lower Upper
83 100
55 74.8 65.6 98.4
98 48.8 39.5 59.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

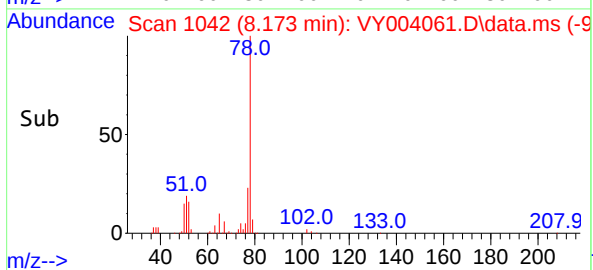
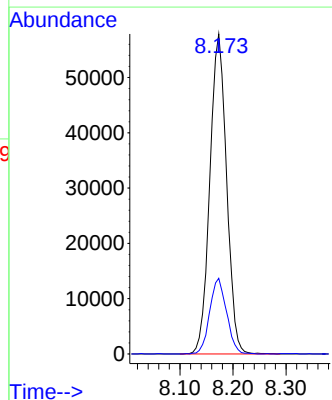
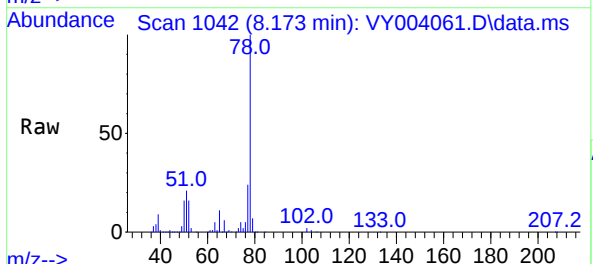
Manual Integrations
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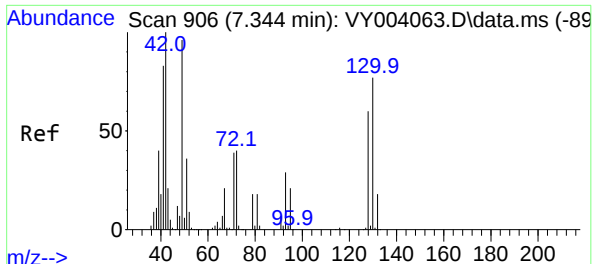
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#40
Benzene
Concen: 10.25 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 78 Resp: 126850
Ion Ratio Lower Upper
78 100
77 23.7 20.1 30.1





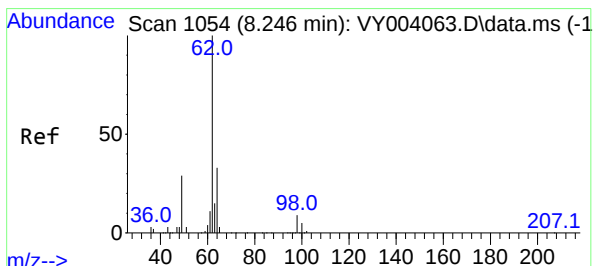
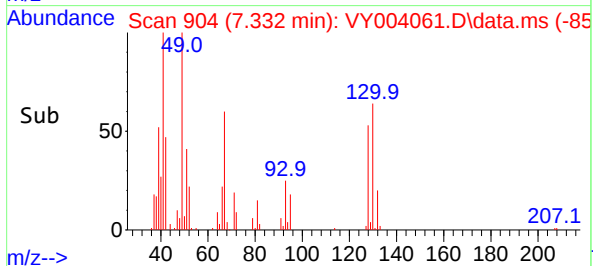
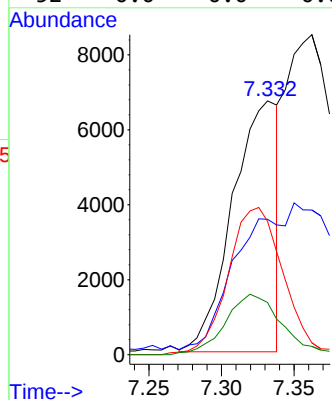
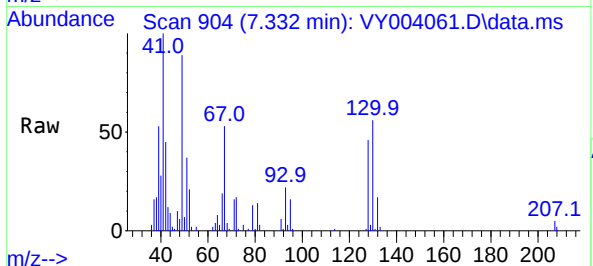
#41
Methacrylonitrile
Concen: 10.97 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	41	Resp:	14622
Ion	Ratio	Lower	Upper
41	100		
39	0.0	91.2	136.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

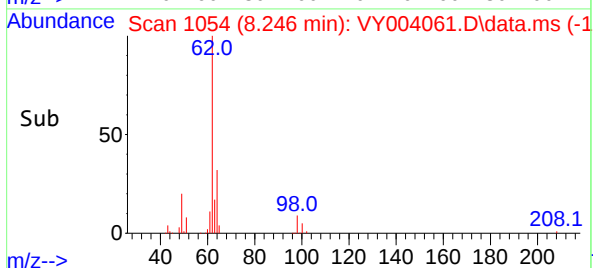
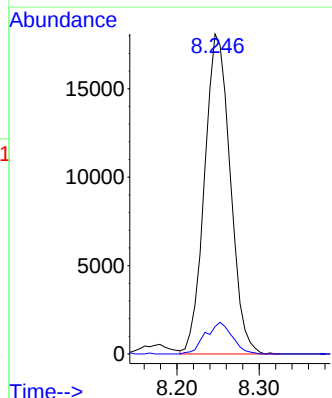
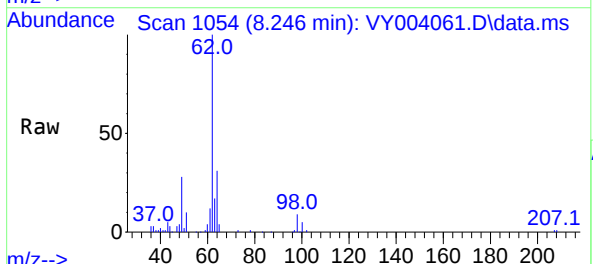
Manual Integrations
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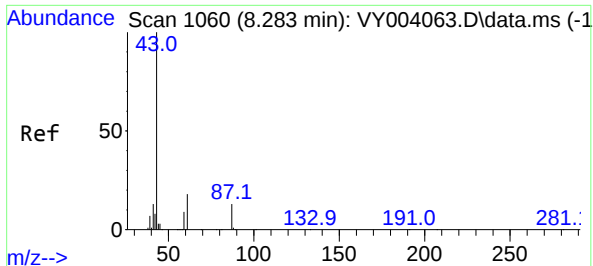
MMDadoda
3/9/2021 3:03:00 PM



#42
1,2-Dichloroethane
Concen: 11.13 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	62	Resp:	39352
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	17.0





#43

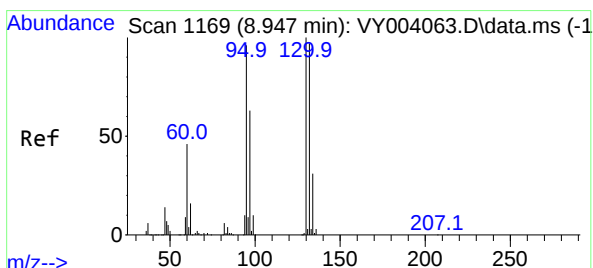
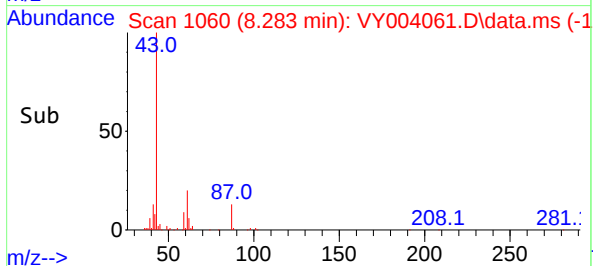
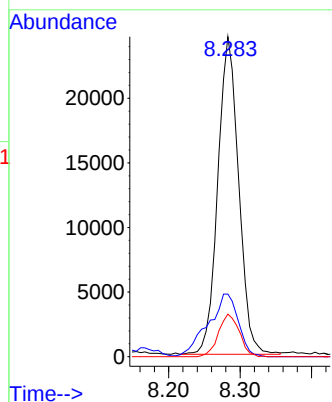
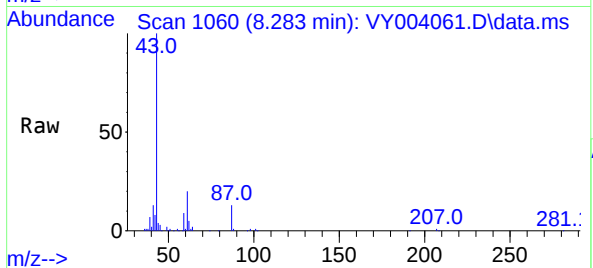
Isopropyl Acetate
Concen: 11.96 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	43	Resp:	49754
Ion	Ratio	Lower	Upper
43	100		
61	28.5	22.1	33.1
87	13.4	9.8	14.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

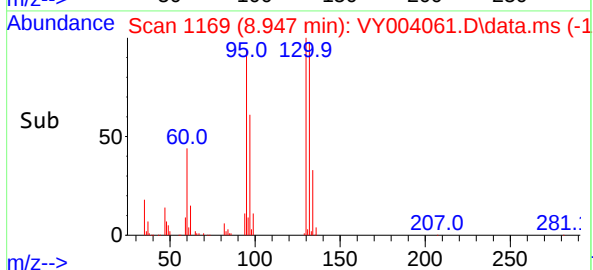
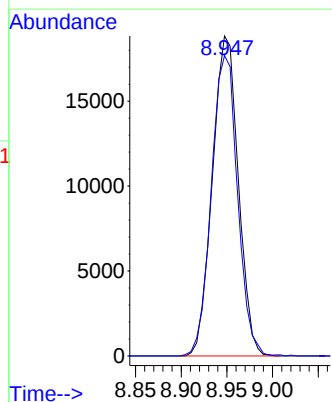
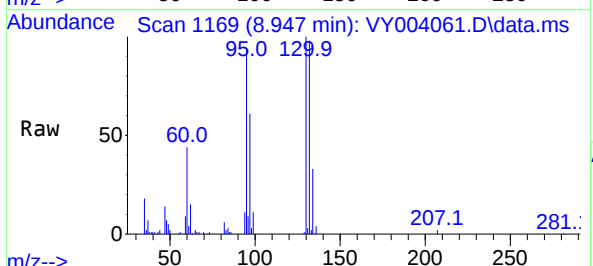
MMDadoda
3/9/2021 3:03:00 PM

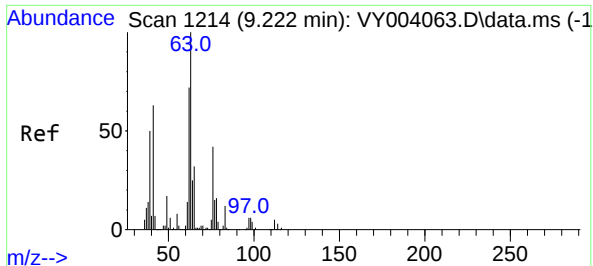


#44

Trichloroethene
Concen: 9.57 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	130	Resp:	37131
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	188.0





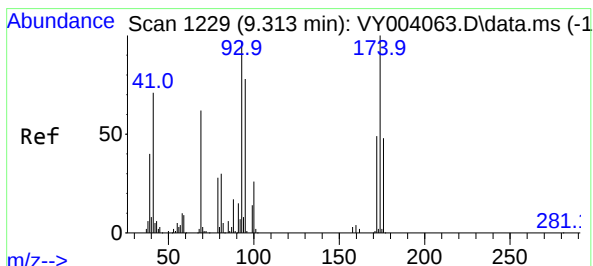
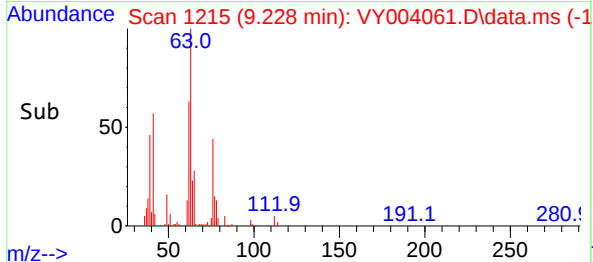
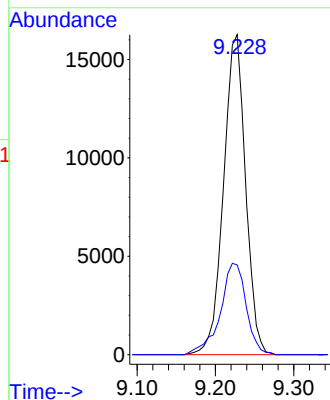
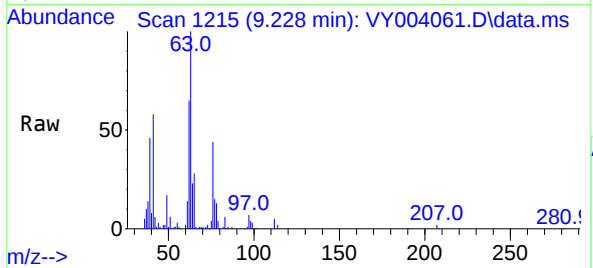
#45
1,2-Dichloropropane
Concen: 10.12 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 63 Resp: 31777
Ion Ratio Lower Upper
63 100
65 28.1 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

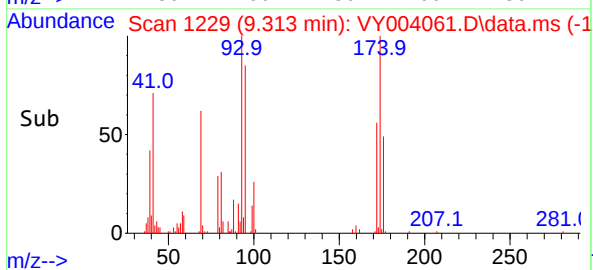
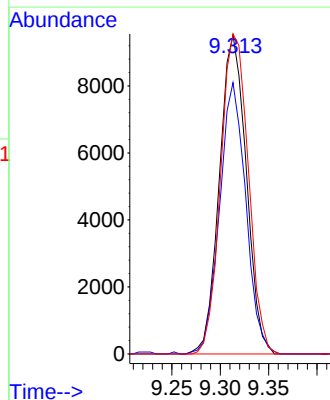
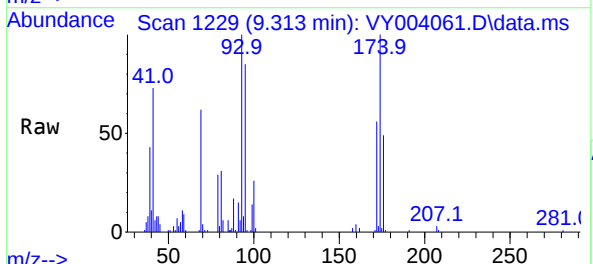
Manual Integrations
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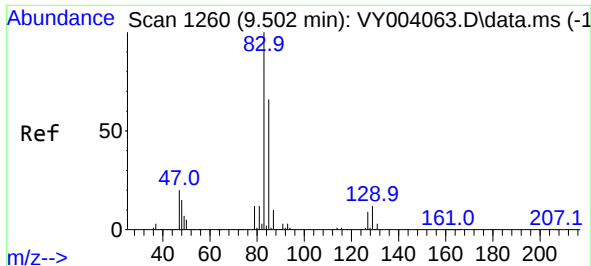
MMDadoda
3/9/2021 3:03:00 PM



#46
Dibromomethane
Concen: 10.13 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 93 Resp: 18324
Ion Ratio Lower Upper
93 100
95 83.3 66.3 99.5
174 103.5 88.1 132.1





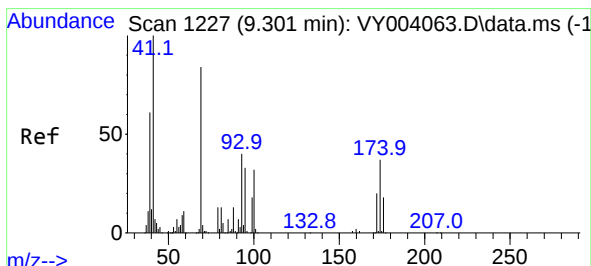
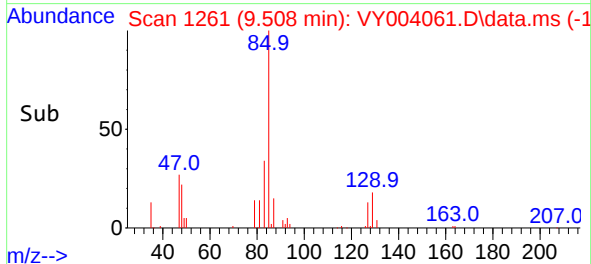
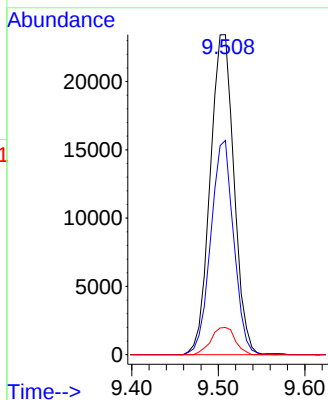
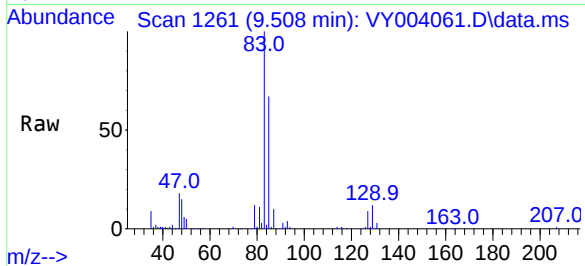
#47
Bromodichloromethane
Concen: 10.15 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 83 Resp: 44683
Ion Ratio Lower Upper
83 100
85 67.0 51.6 77.4
127 8.5 6.5 9.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

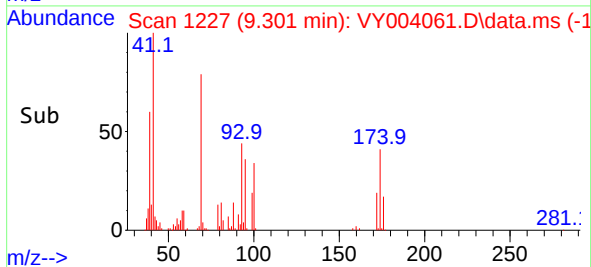
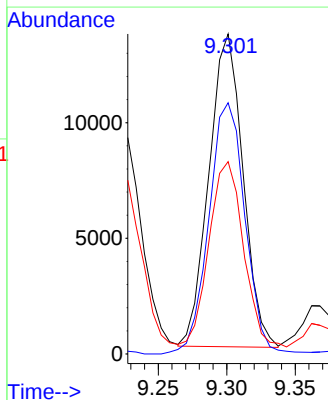
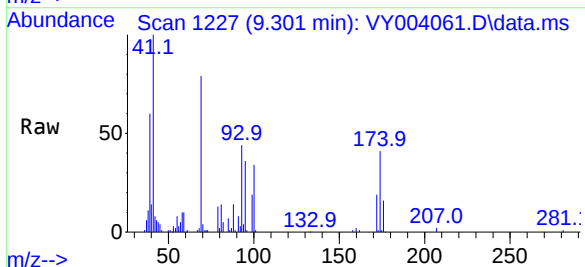
Manual Integrations
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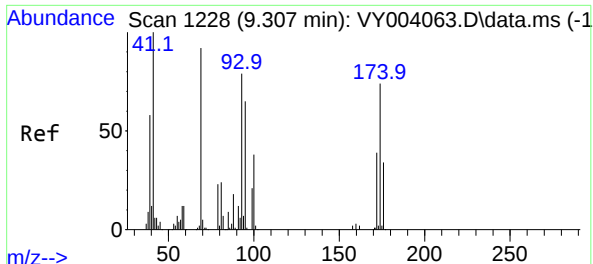
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#48
Methyl methacrylate
Concen: 11.79 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 41 Resp: 23390
Ion Ratio Lower Upper
41 100
69 85.4 65.1 97.7
39 60.3 44.2 66.2





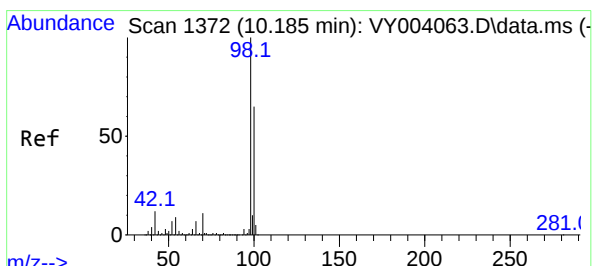
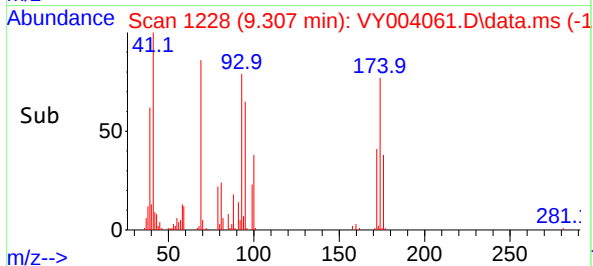
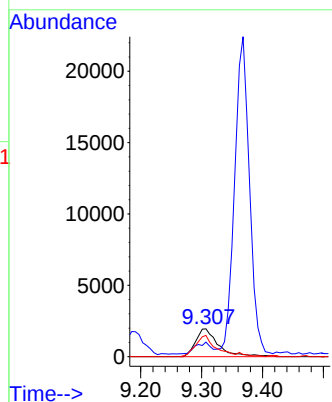
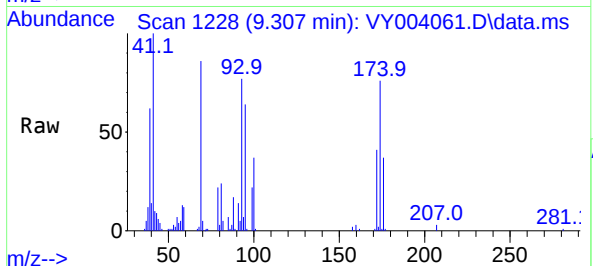
#49
1,4-Dioxane
Concen: 217.13 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 88 Resp: 5044
Ion Ratio Lower Upper
88 100
43 27.4 32.0 48.0#
58 66.3 56.5 84.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

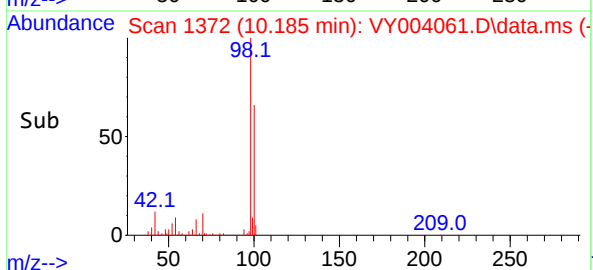
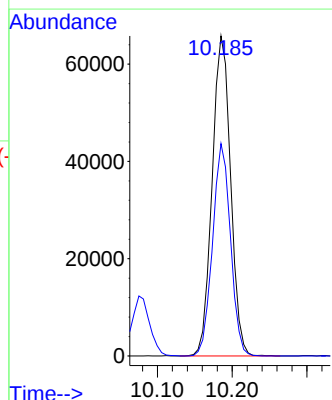
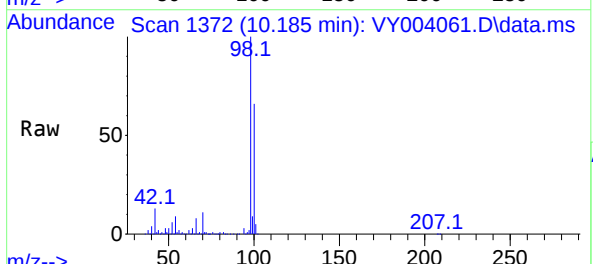
Manual Integrations
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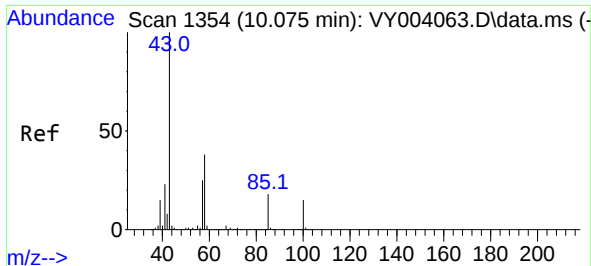
MMDadoda
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#50
Toluene-d8
Concen: 9.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 98 Resp: 112725
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6





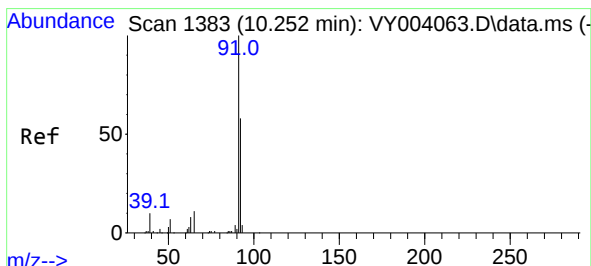
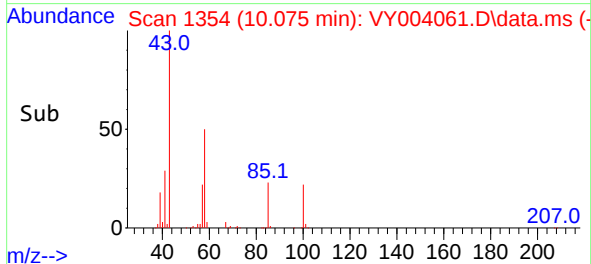
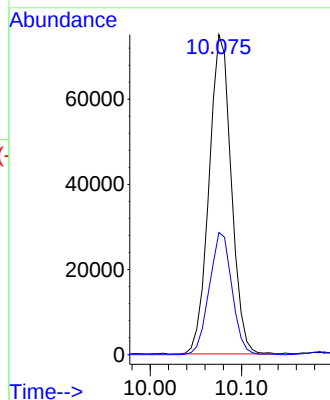
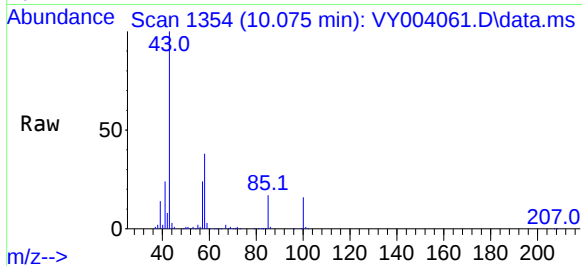
#51
4-Methyl-2-Pentanone
Concen: 57.59 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 43 Resp: 126796
Ion Ratio Lower Upper
43 100
58 39.0 29.8 44.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

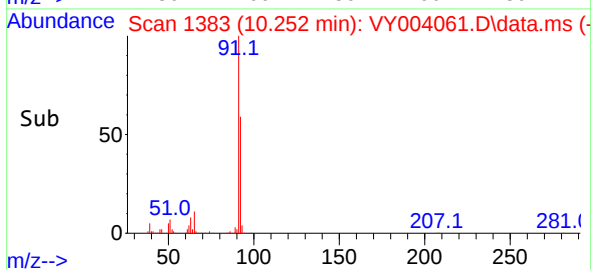
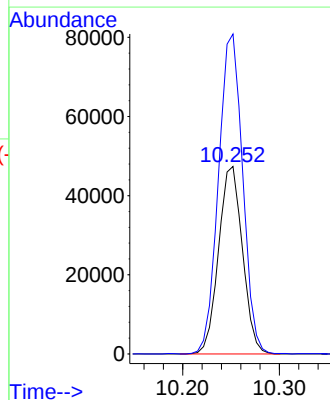
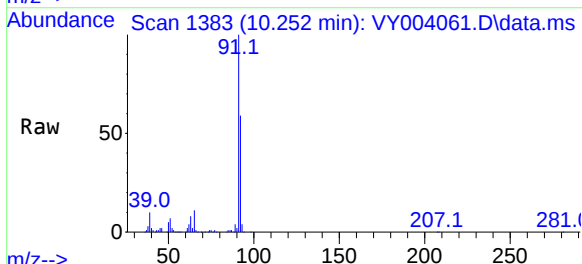
Manual Integrations
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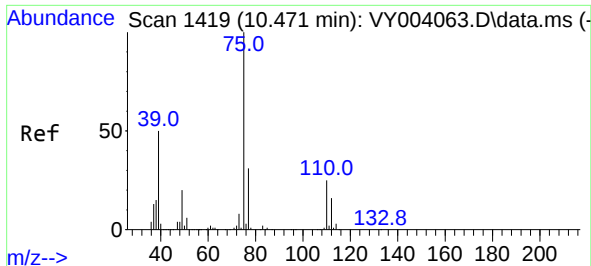
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#52
Toluene
Concen: 9.60 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 92 Resp: 81241
Ion Ratio Lower Upper
92 100
91 172.8 141.0 211.4





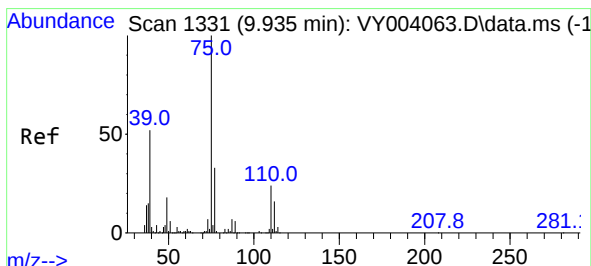
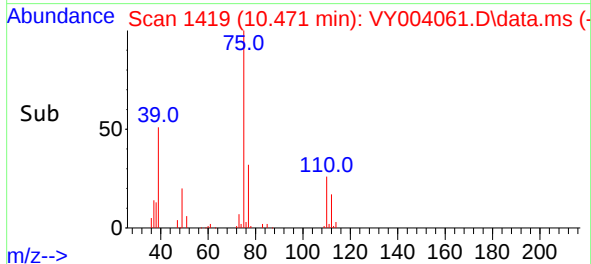
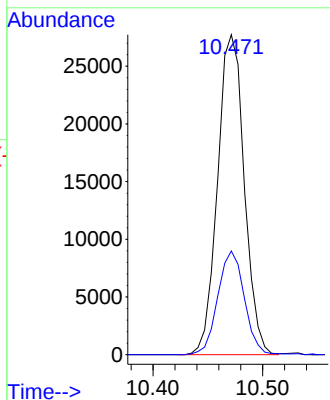
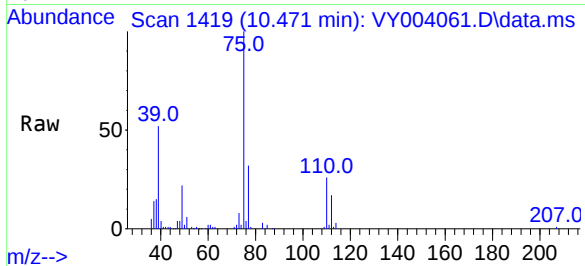
#53
t-1,3-Dichloropropene
Concen: 10.21 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 75 Resp: 46928
Ion Ratio Lower Upper
75 100
77 32.4 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

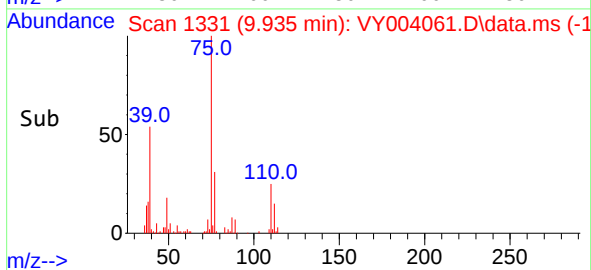
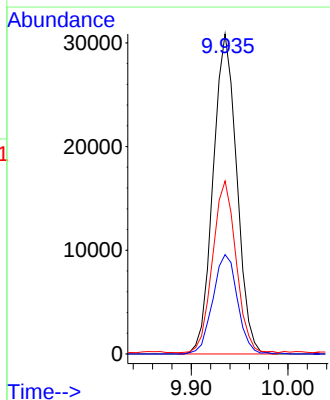
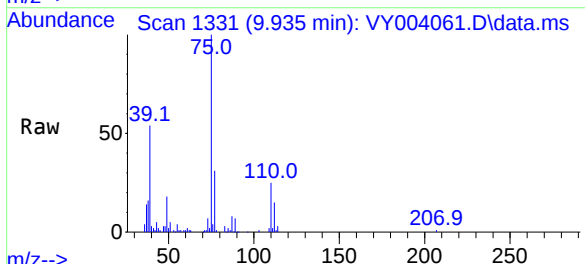
Manual Integrations
APPROVED

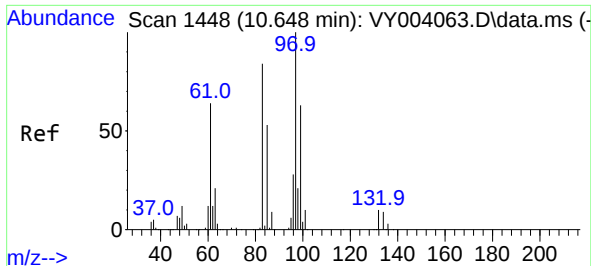
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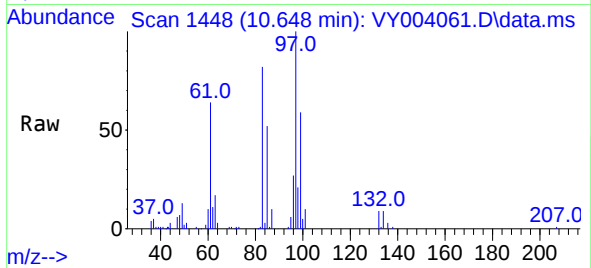
#54
cis-1,3-Dichloropropene
Concen: 10.02 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 75 Resp: 52353
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.4
39 53.7 40.4 60.6

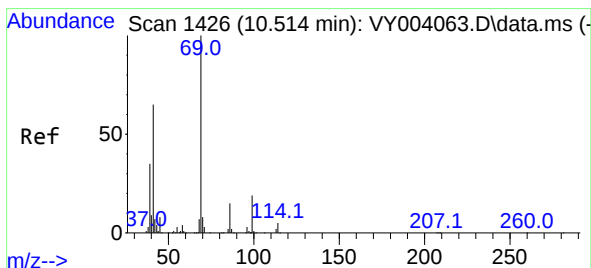
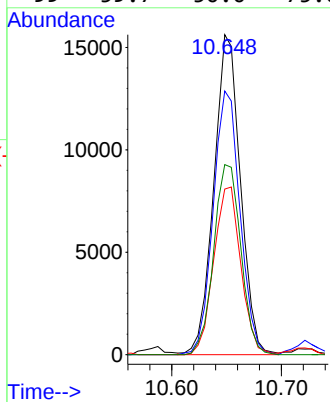
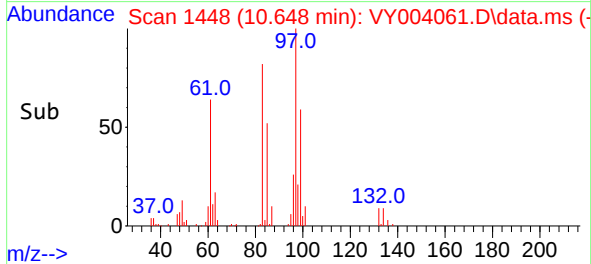




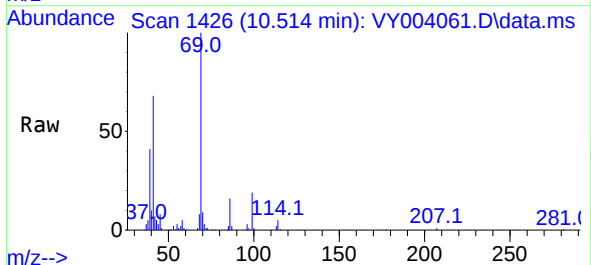
#55
1,1,2-Trichloroethane
Concen: 10.15 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



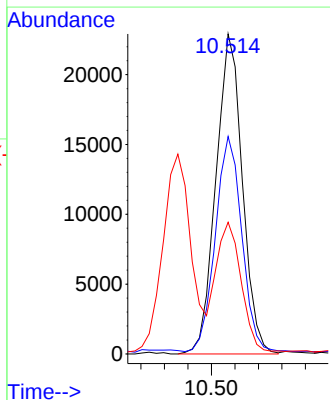
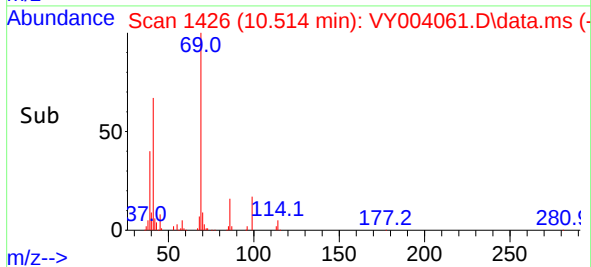
Tgt Ion:	97	Resp:	26313
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.4	104.0
85	52.0	43.4	65.0
99	59.7	50.0	75.0



#56
Ethyl methacrylate
Concen: 10.70 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



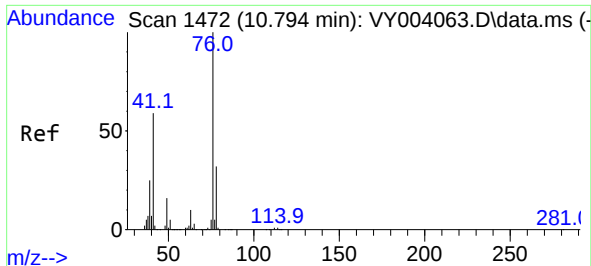
Tgt Ion:	69	Resp:	35843
Ion	Ratio	Lower	Upper
69	100		
41	67.1	57.2	85.8
39	38.1	27.8	41.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Manual Integrations
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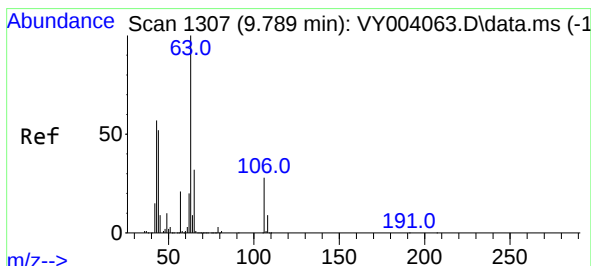
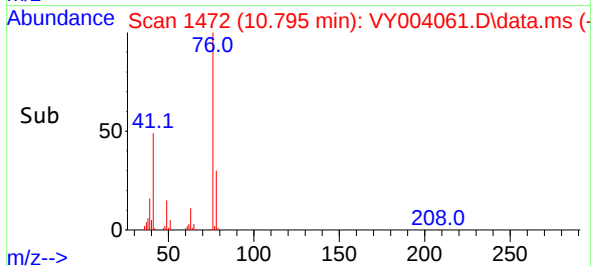
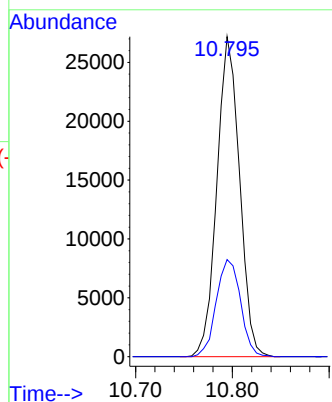
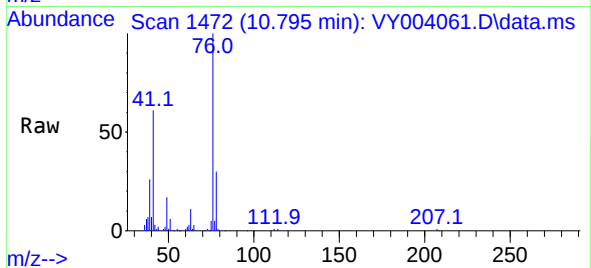
#57
1,3-Dichloropropane
Concen: 10.42 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 76 Resp: 44126
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

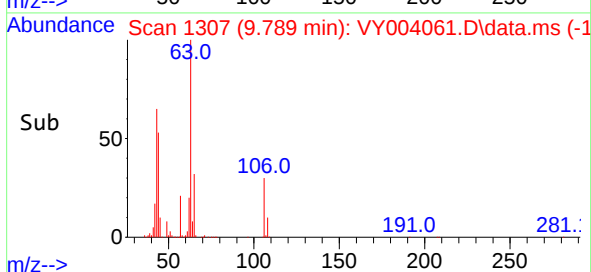
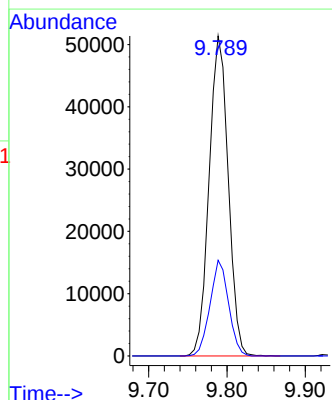
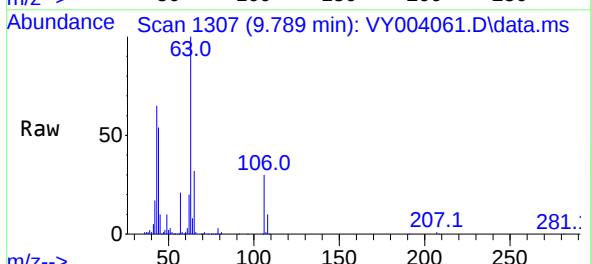
Manual Integrations
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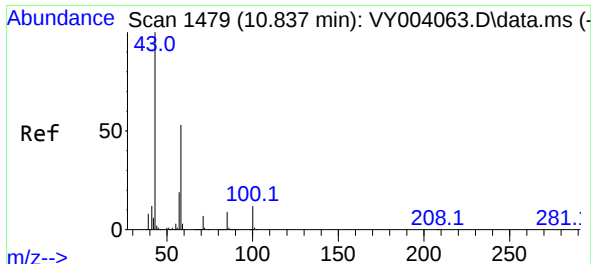
MMDadoda
3/9/2021 3:03:00 PM



#58
2-Chloroethyl Vinyl ether
Concen: 58.07 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 63 Resp: 86881
Ion Ratio Lower Upper
63 100
106 29.0 22.1 33.1





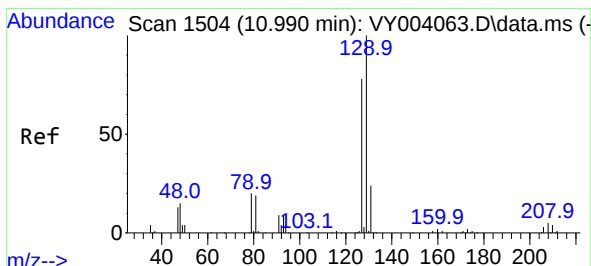
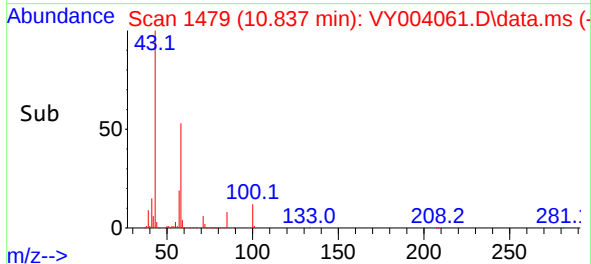
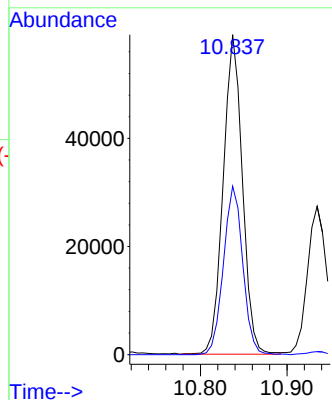
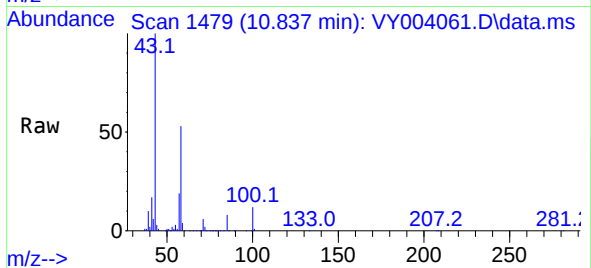
#59
2-Hexanone
Concen: 61.71 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 43 Resp: 90953
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

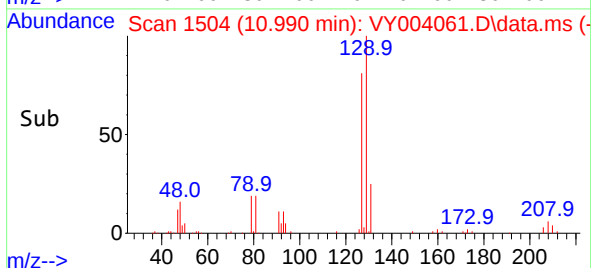
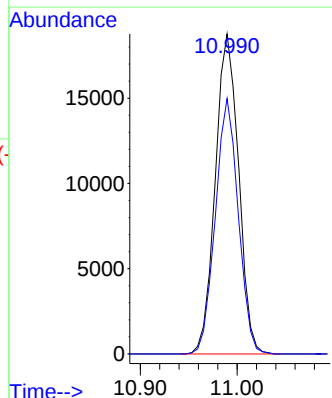
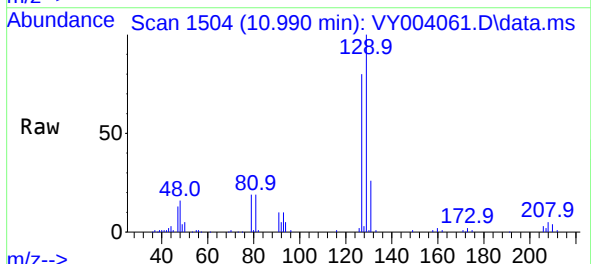
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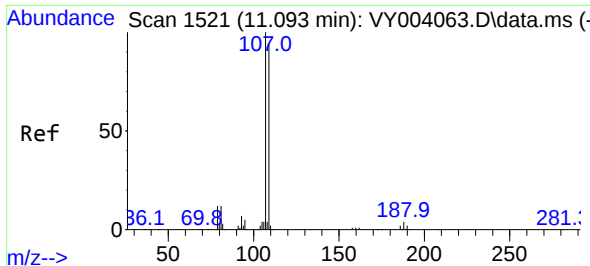
MMDadoda
3/9/2021 3:03:00 PM



#60
Dibromochloromethane
Concen: 9.64 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 129 Resp: 31362
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0





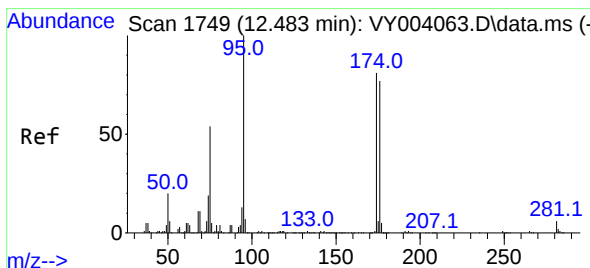
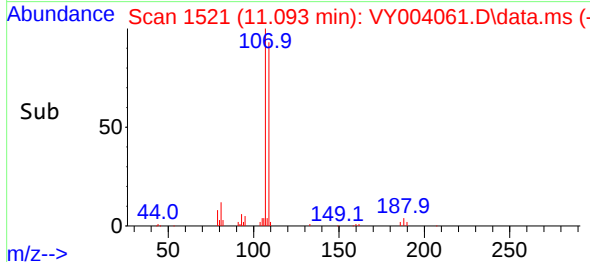
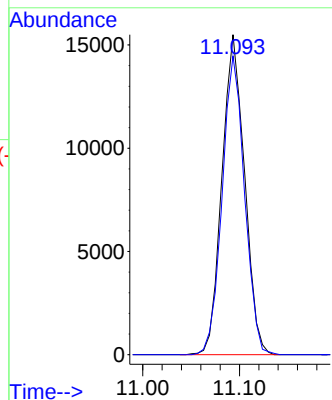
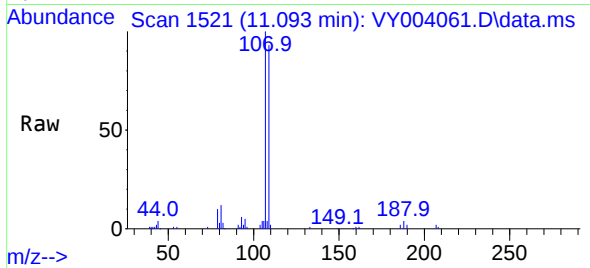
#61
1,2-Dibromoethane
Concen: 10.07 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 107 Resp: 25064
Ion Ratio Lower Upper
107 100
109 92.7 76.7 115.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

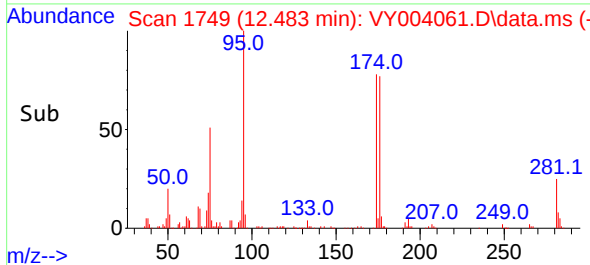
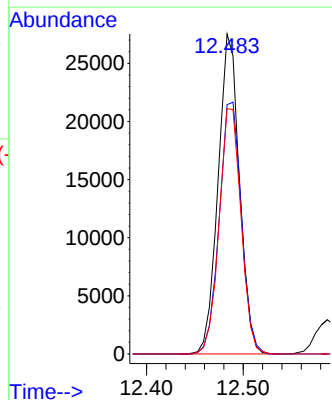
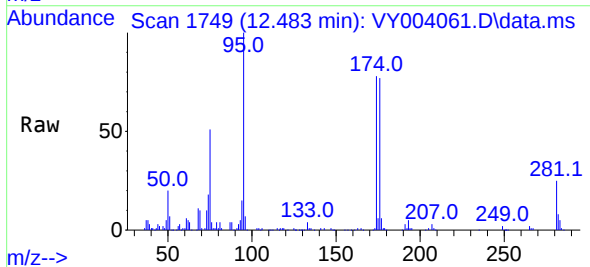
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#62
4-Bromofluorobenzene
Concen: 10.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 95 Resp: 42059
Ion Ratio Lower Upper
95 100
174 81.7 0.0 179.0
176 78.8 0.0 174.4





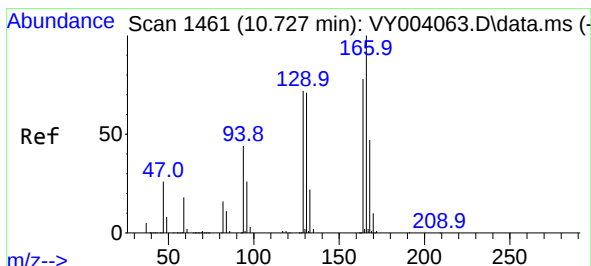
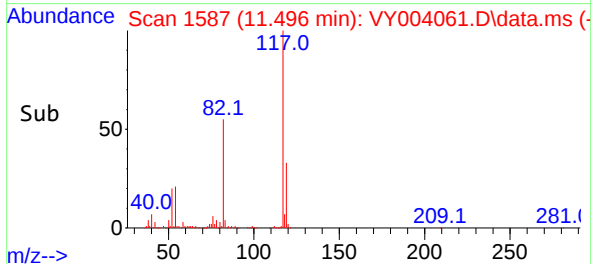
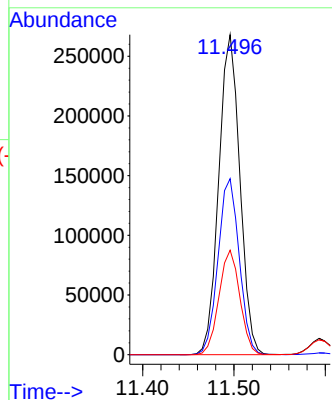
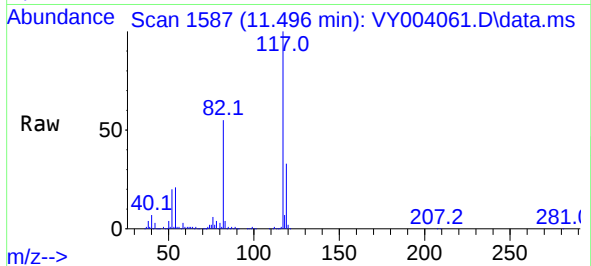
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:117 Resp: 430684
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.6
119 32.6 26.2 39.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

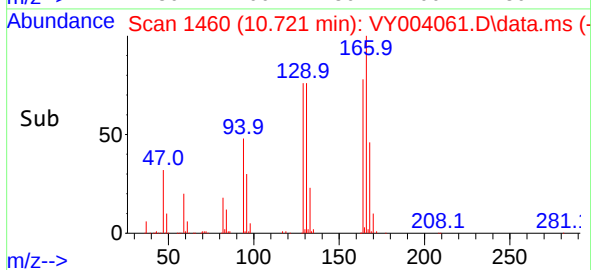
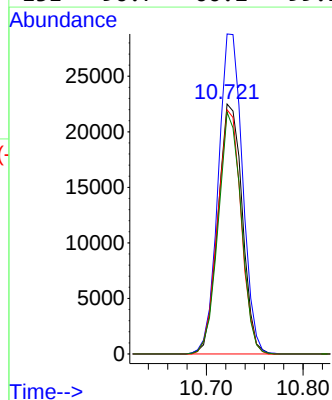
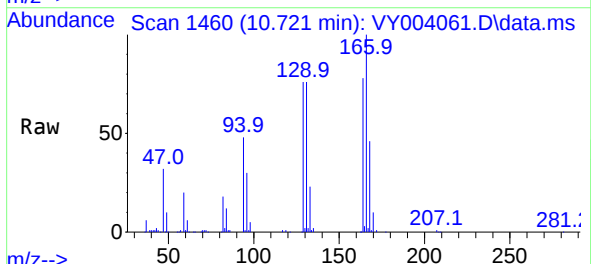
Manual Integrations
APPROVED

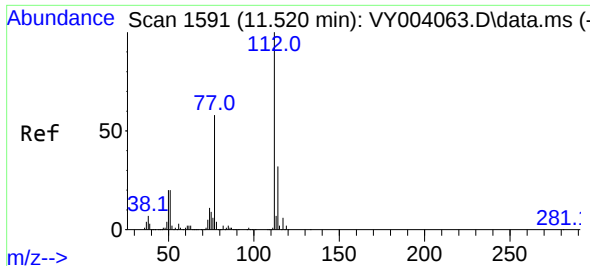
MMDadoda
3/9/2021 3:03:00 PM



#64
Tetrachloroethene
Concen: 9.50 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:164 Resp: 39000
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 97.7 70.6 105.8
131 96.7 66.2 99.2





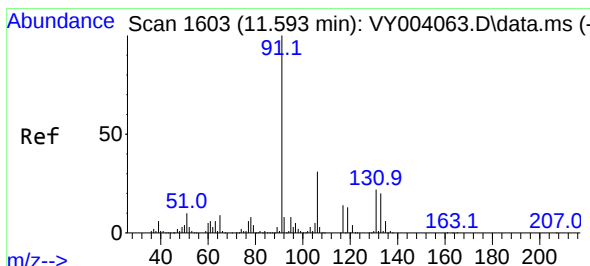
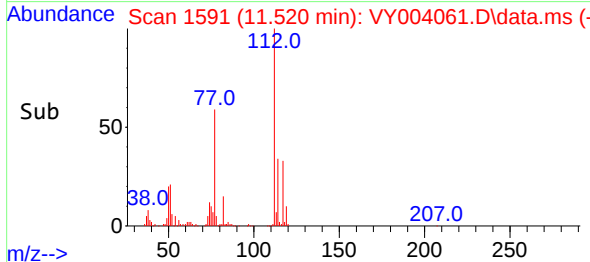
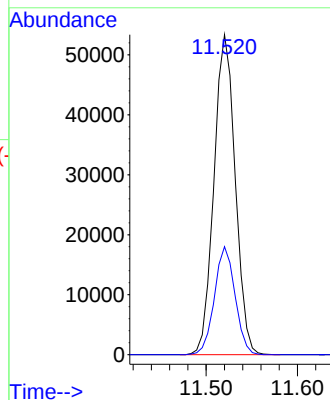
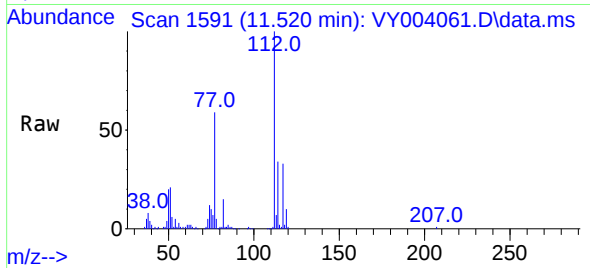
#65
Chlorobenzene
Concen: 9.65 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:112 Resp: 86462
Ion Ratio Lower Upper
112 100
114 33.7 26.5 39.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

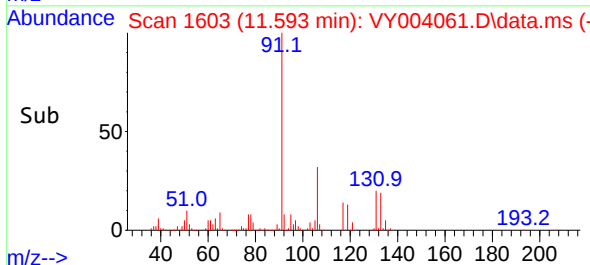
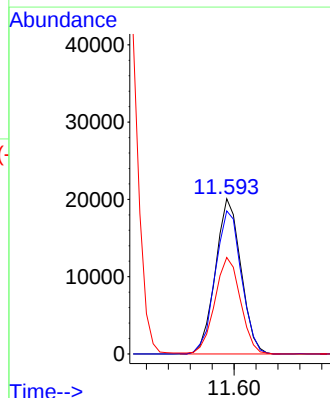
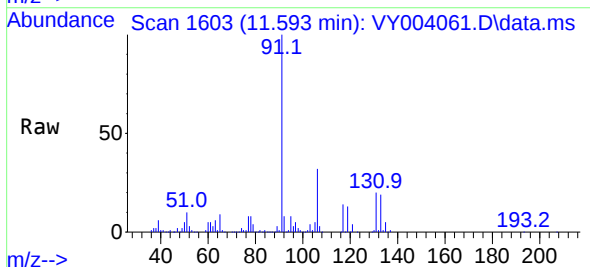
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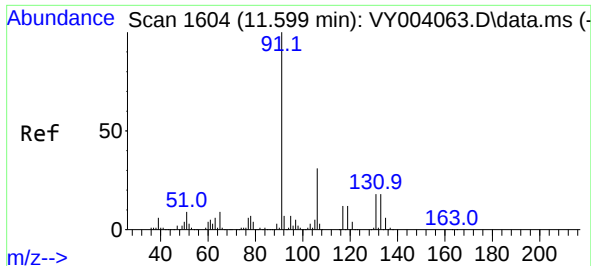
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 9.64 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:131 Resp: 32452
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 62.8 31.5 94.5





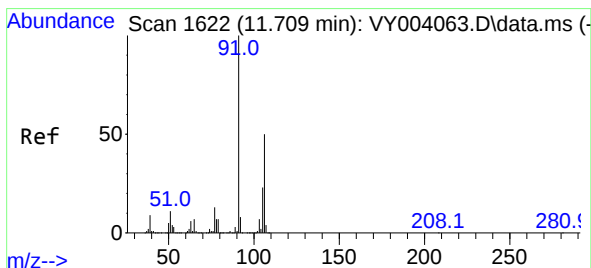
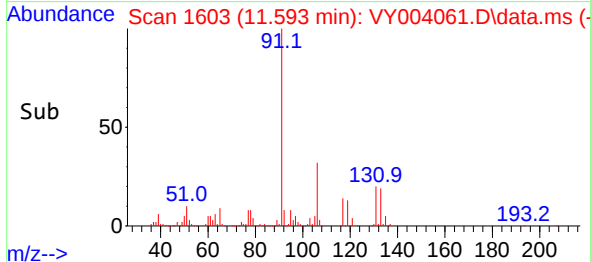
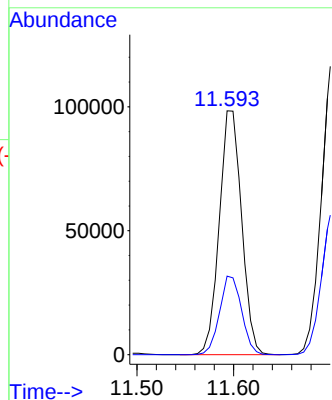
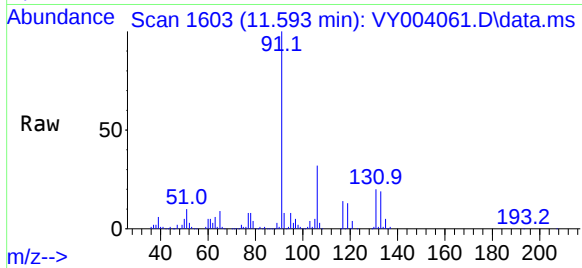
#67
Ethyl Benzene
Concen: 10.16 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 91 Resp: 157841
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

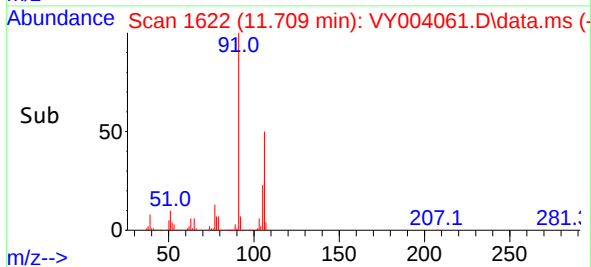
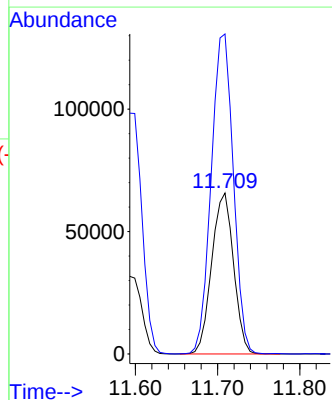
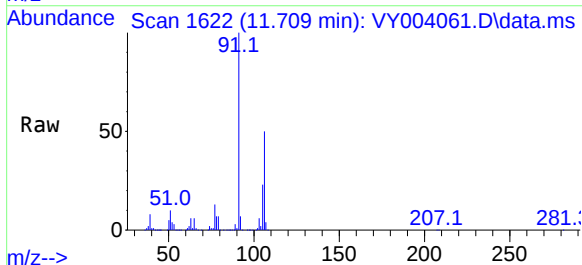
Manual Integrations
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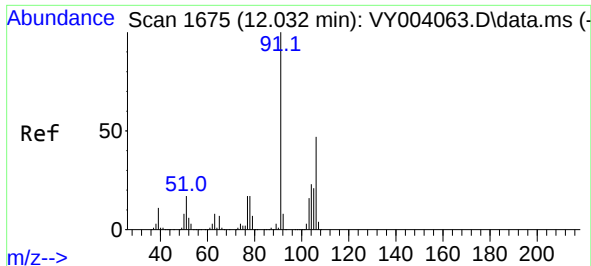
MMDadoda
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#68
m/p-Xylenes
Concen: 19.86 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:106 Resp: 121361
Ion Ratio Lower Upper
106 100
91 201.4 165.4 248.0





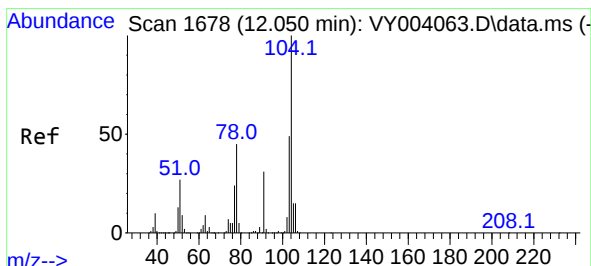
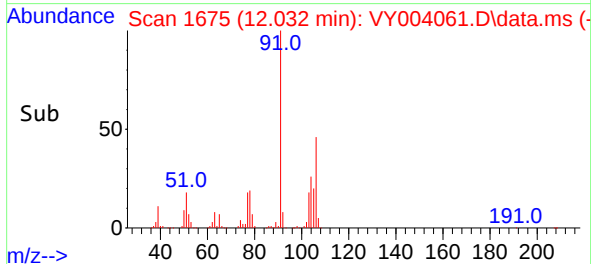
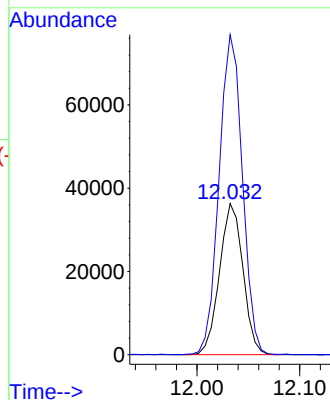
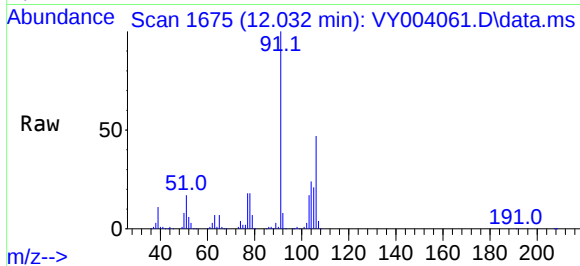
#69
o-Xylene
Concen: 9.83 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:106 Resp: 57466
Ion Ratio Lower Upper
106 100
91 211.1 108.9 326.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

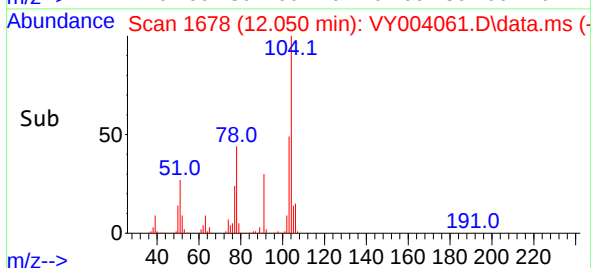
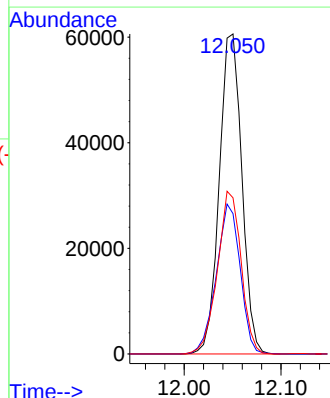
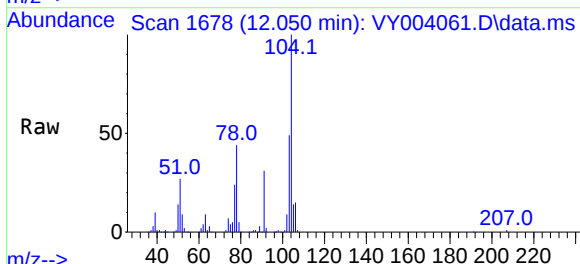
Manual Integrations
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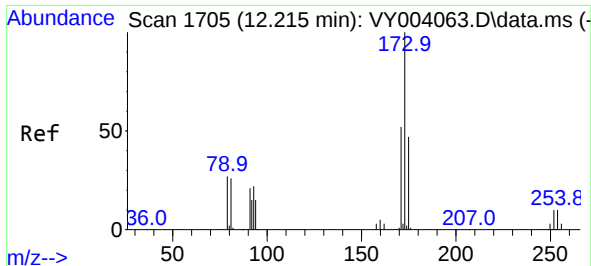
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#70
Styrene
Concen: 9.89 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:104 Resp: 98140
Ion Ratio Lower Upper
104 100
78 49.7 41.1 61.7
103 53.4 43.9 65.9





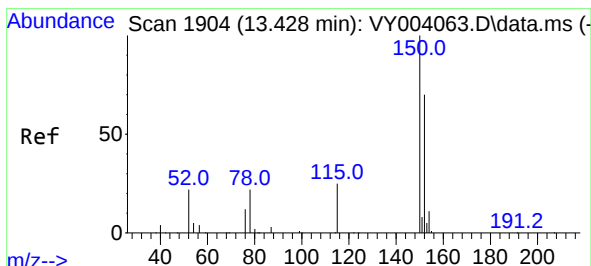
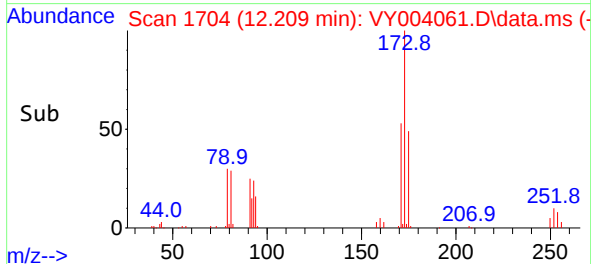
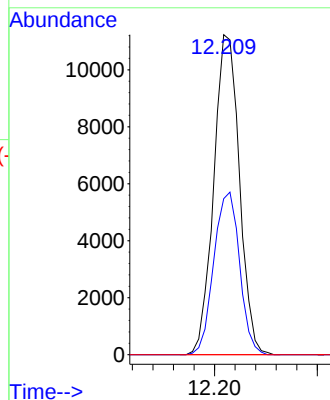
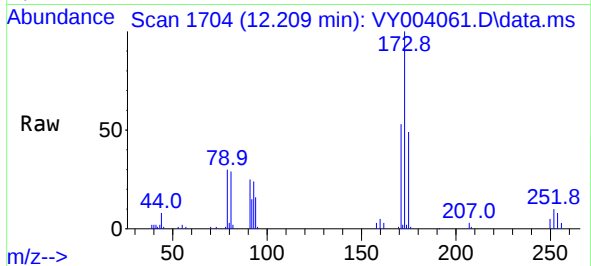
#71
Bromoform
Concen: 9.11 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:173 Resp: 19469
Ion Ratio Lower Upper
173 100
175 50.9 24.1 72.4
254 0.0 0.1 0.1#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

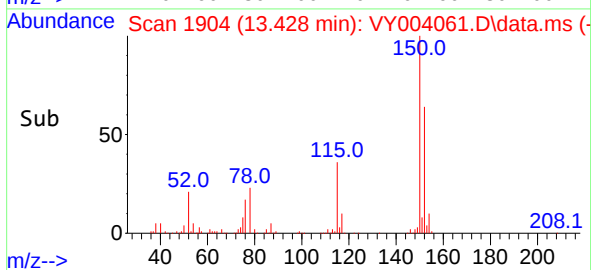
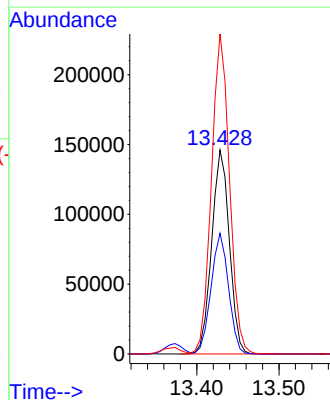
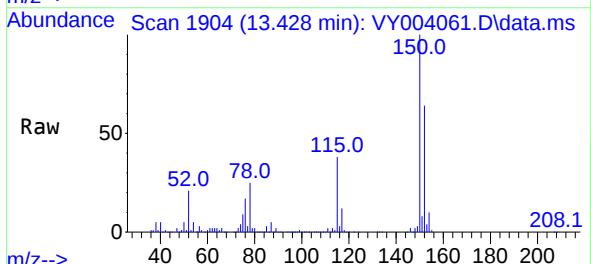
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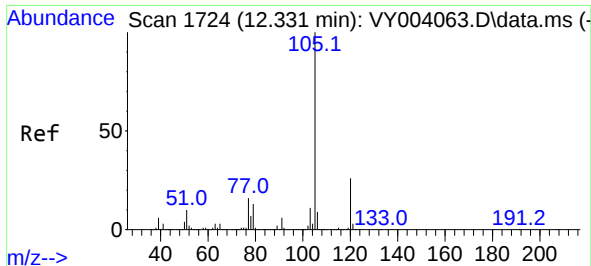
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

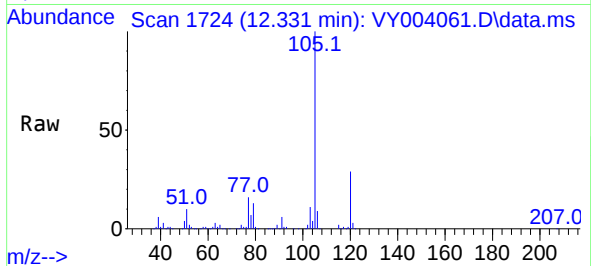
Tgt Ion:152 Resp: 217864
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.6
150 160.0 0.0 347.2





#73
Isopropylbenzene
Concen: 10.08 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

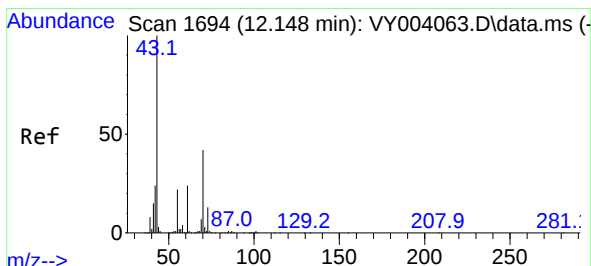
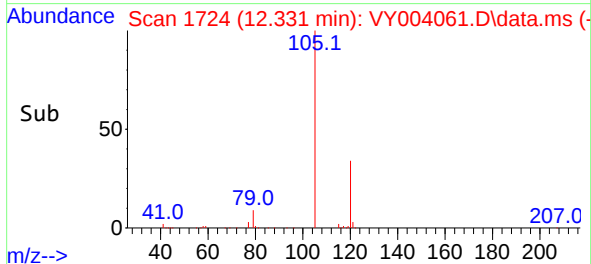
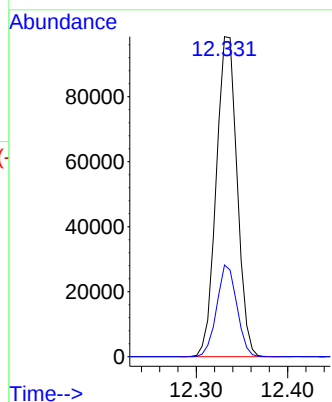
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



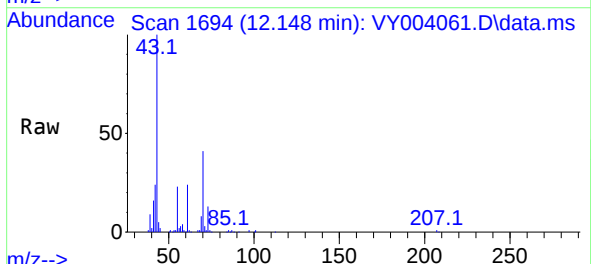
Tgt Ion:105 Resp: 156410
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.9

Manual Integrations
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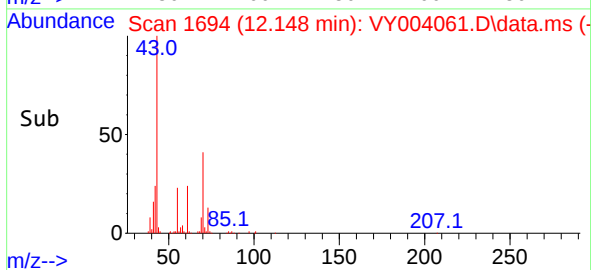
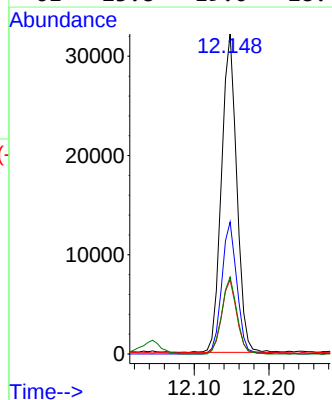
MMDadoda
3/9/2021 3:03:00 PM

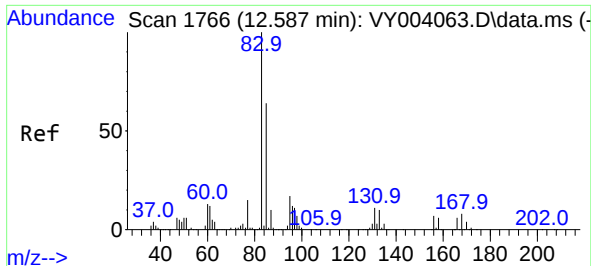


#74
N-ethyl acetate
Concen: 12.16 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



Tgt Ion: 43 Resp: 45802
Ion Ratio Lower Upper
43 100
70 40.8 32.3 48.5
55 22.8 18.4 27.6
61 23.8 19.0 28.4





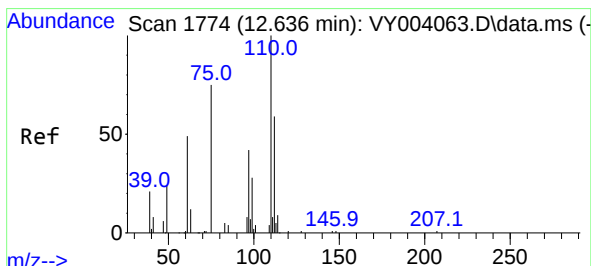
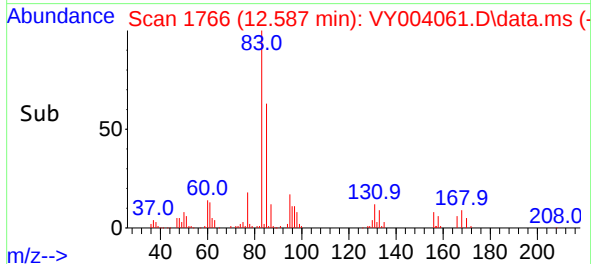
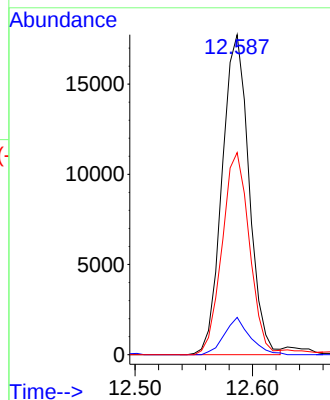
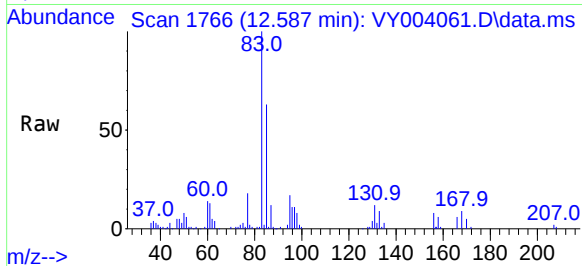
#75
1,1,2,2-Tetrachloroethane
Concen: 10.34 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 83 Resp: 28214
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.4
85 64.2 31.6 95.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

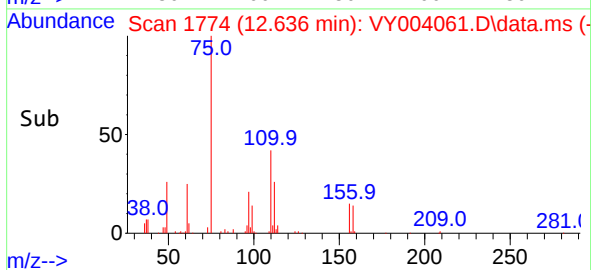
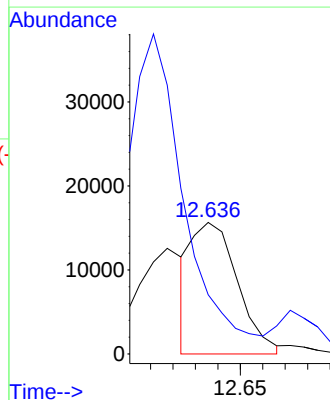
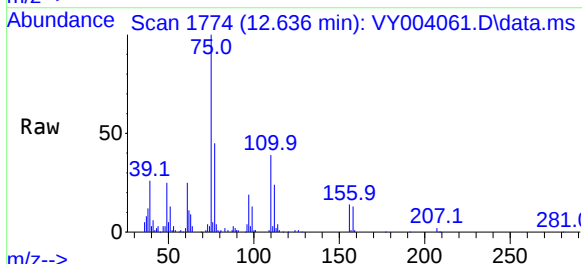
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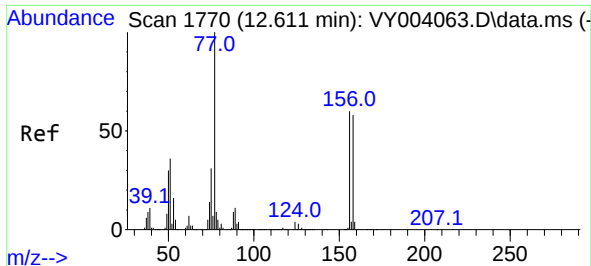
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 10.52 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 75 Resp: 22366
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





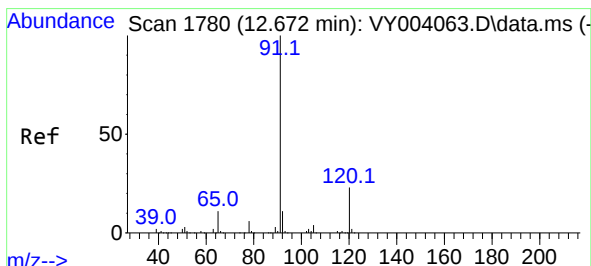
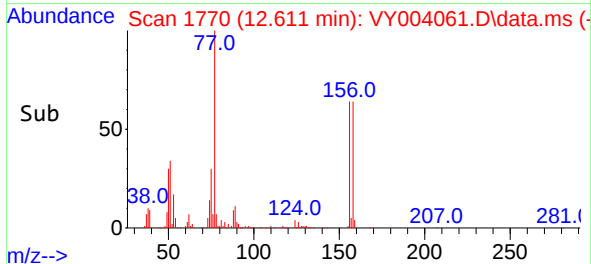
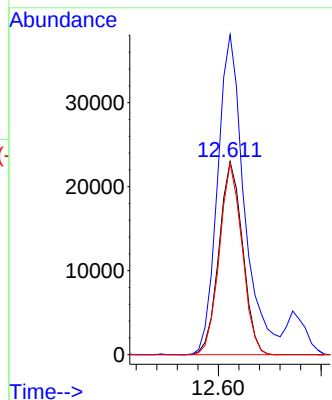
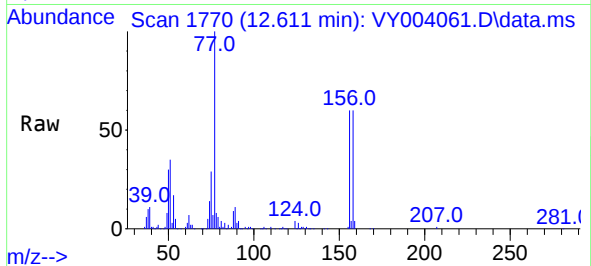
#77
Bromobenzene
Concen: 9.46 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 156 Resp: 36649
Ion Ratio Lower Upper
156 100
77 187.6 90.5 271.3
158 95.1 48.9 146.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

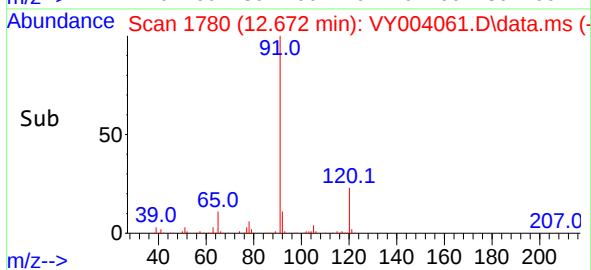
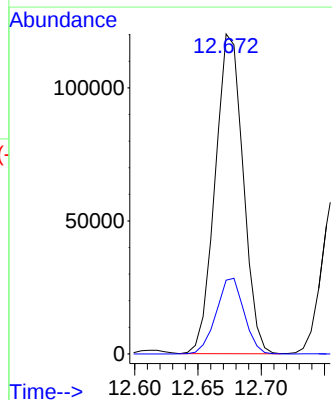
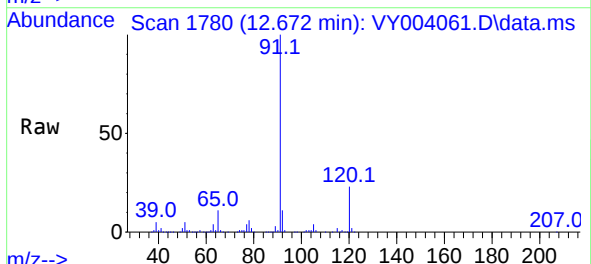
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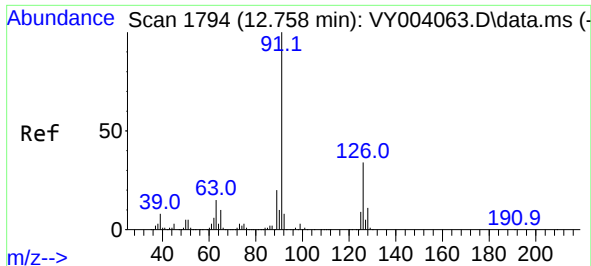
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3/9/2021 3:03:00 PM



#78
n-propylbenzene
Concen: 10.32 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 91 Resp: 184540
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9





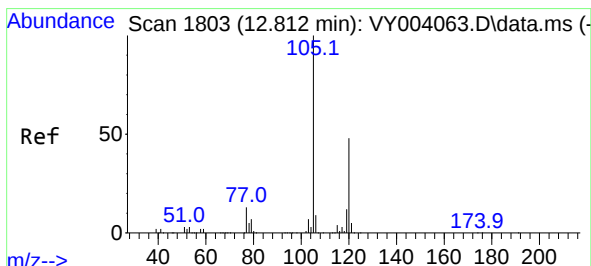
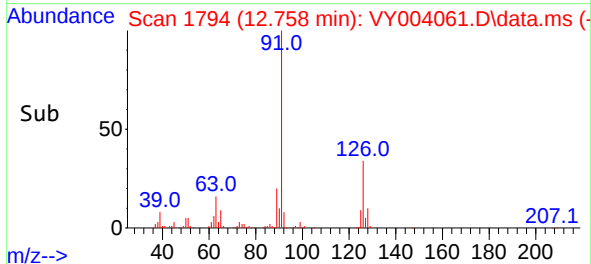
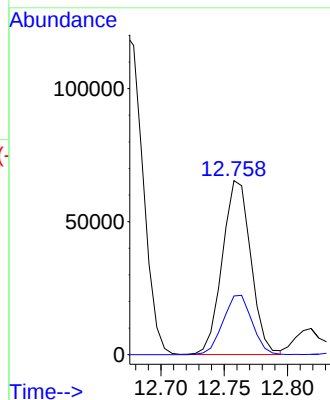
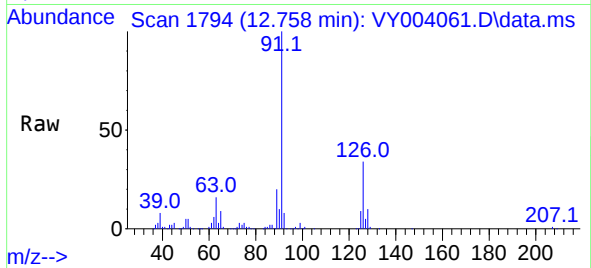
#79
2-Chlorotoluene
Concen: 10.35 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 102771
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0

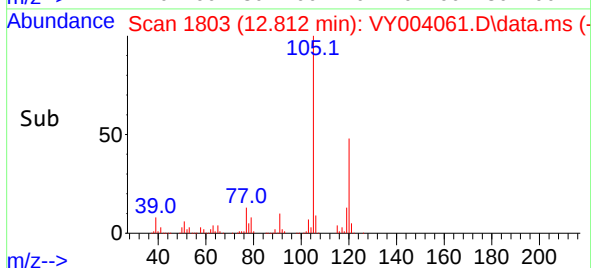
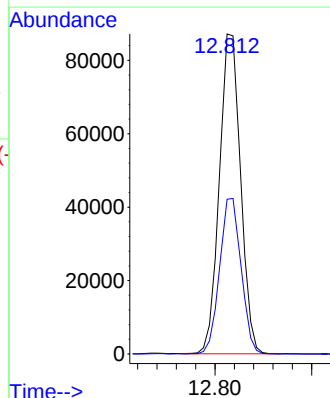
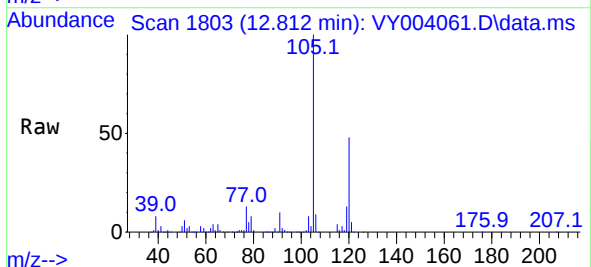
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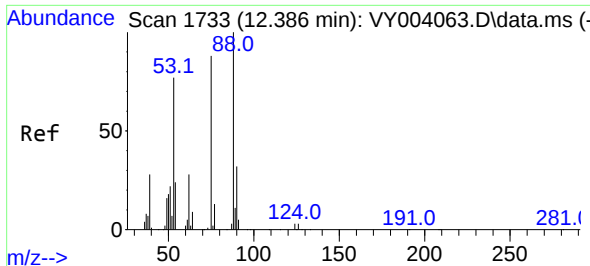
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#80
1,3,5-Trimethylbenzene
Concen: 10.47 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

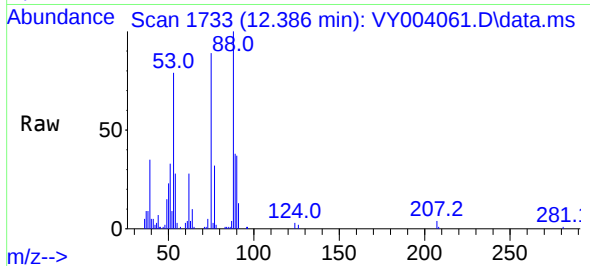
Tgt Ion: 105 Resp: 132592
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 10.33 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

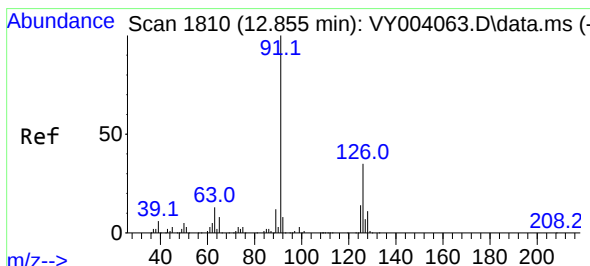
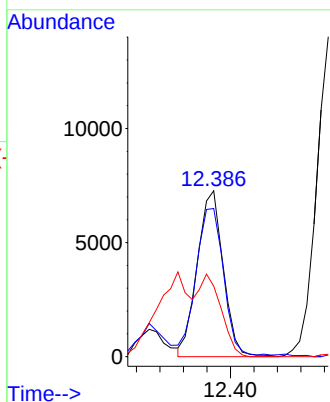
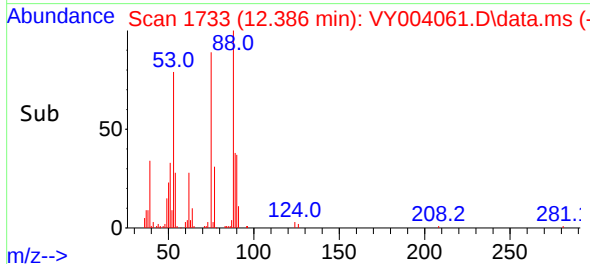
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



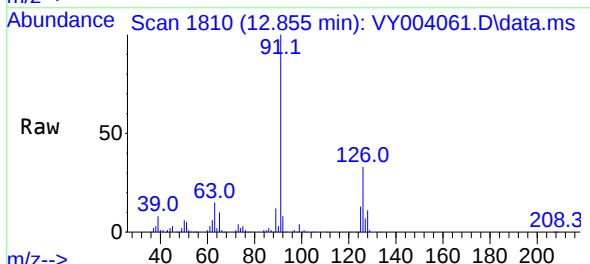
Tgt Ion: 75 Resp: 11169
Ion Ratio Lower Upper
75 100
53 94.4 73.5 110.3
89 43.6 35.7 53.5

Manual Integrations
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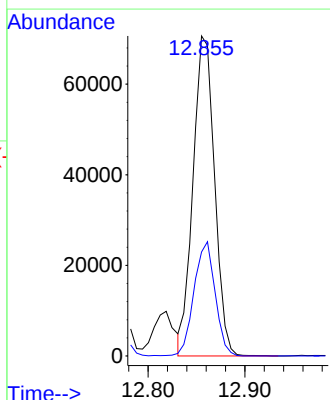
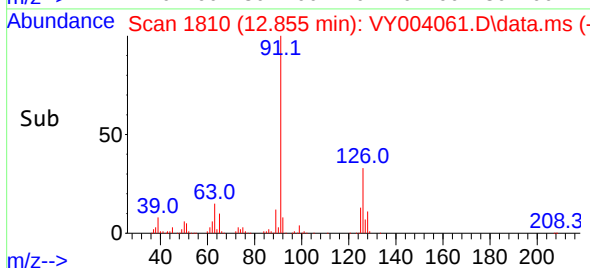
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#82
4-Chlorotoluene
Concen: 10.54 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



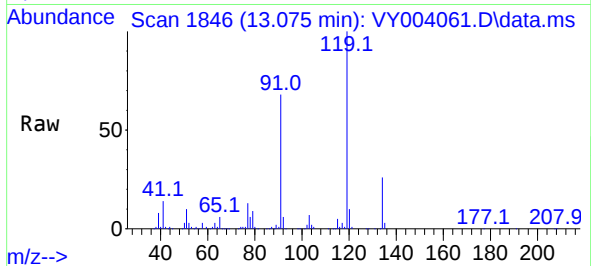
Tgt Ion: 91 Resp: 109473
Ion Ratio Lower Upper
91 100
126 35.1 16.8 50.4





#83
tert-Butylbenzene
Concen: 10.32 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

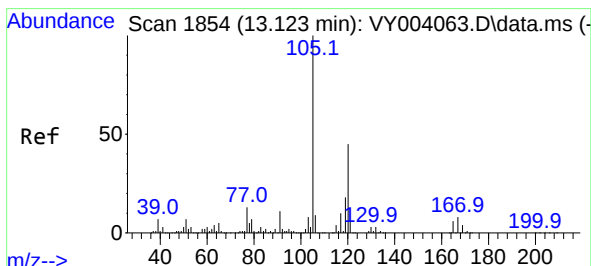
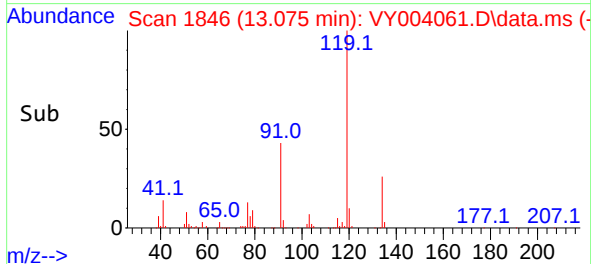
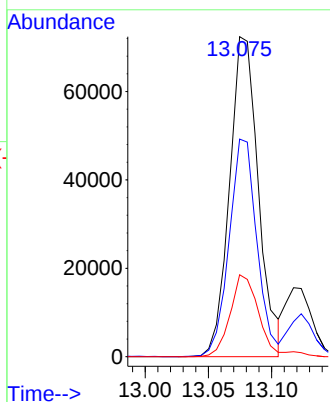
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



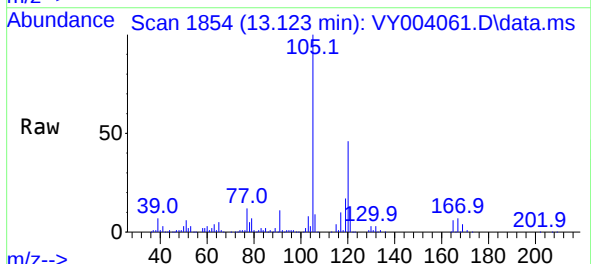
Tgt Ion:119 Resp: 115233
Ion Ratio Lower Upper
119 100
91 65.4 33.0 99.0
134 25.7 12.9 38.7

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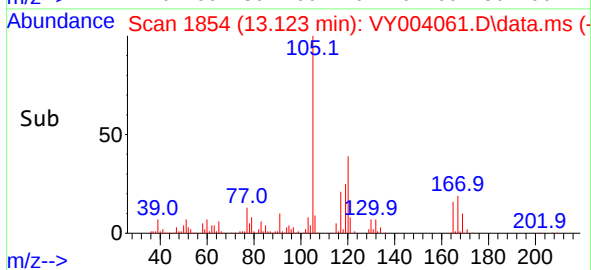
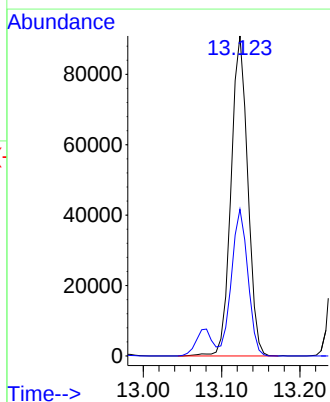
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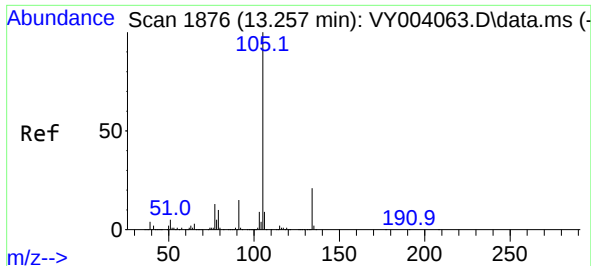


#84
1,2,4-Trimethylbenzene
Concen: 10.48 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



Tgt Ion:105 Resp: 134122
Ion Ratio Lower Upper
105 100
120 45.3 22.1 66.3





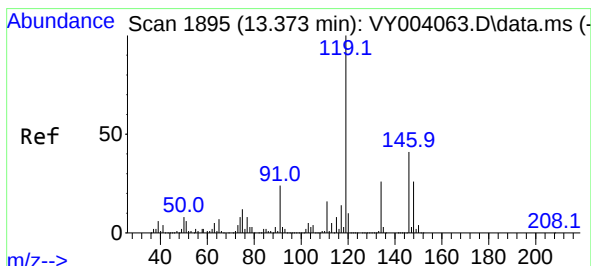
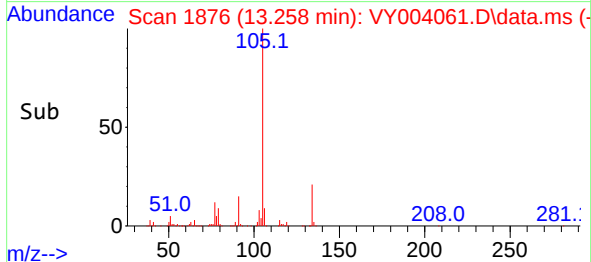
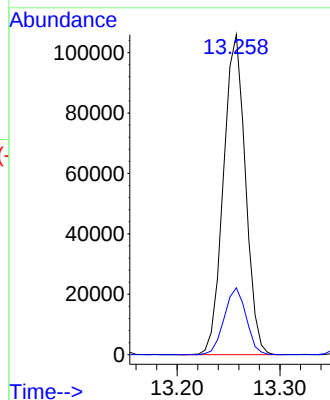
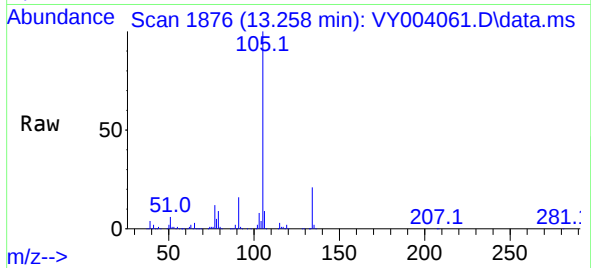
#85
 sec-Butylbenzene
 Concen: 10.50 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004061.D
 Acq: 08 Mar 2021 10:39

Tgt Ion:105 Resp: 157241
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

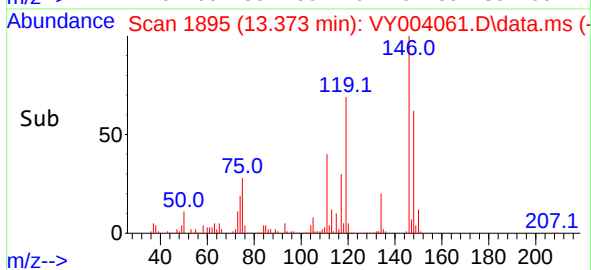
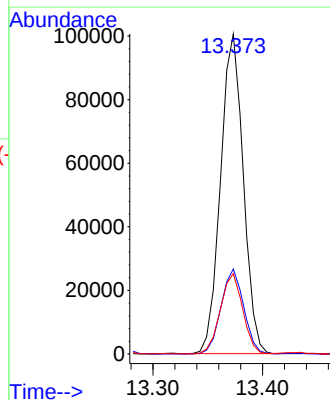
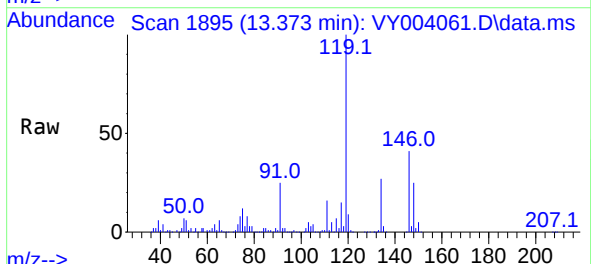
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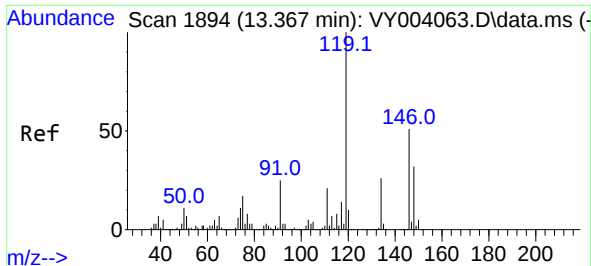
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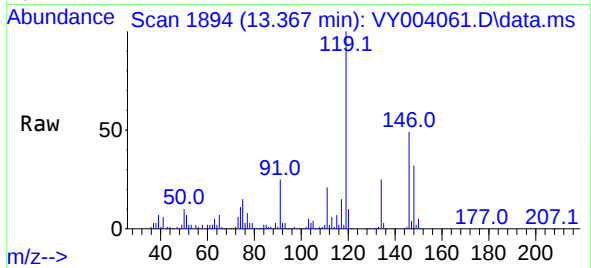
#86
 p-Isopropyltoluene
 Concen: 10.32 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004061.D
 Acq: 08 Mar 2021 10:39

Tgt Ion:119 Resp: 144965
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 24.6 12.1 36.3

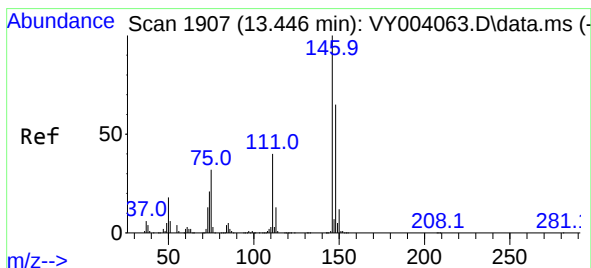
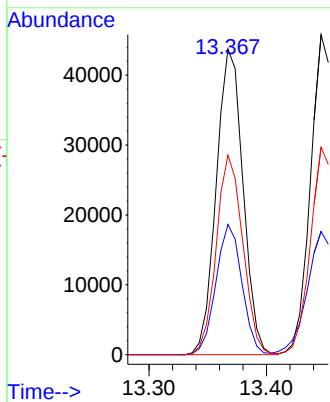
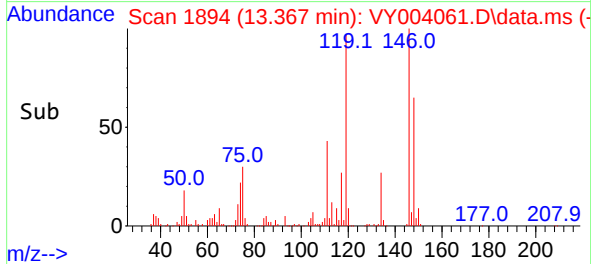




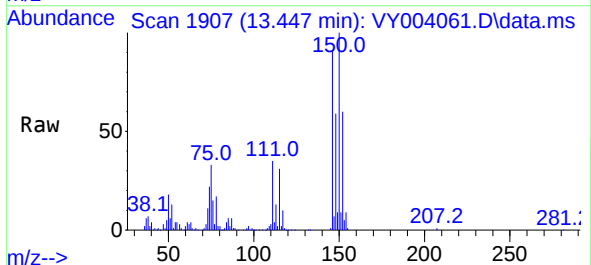
#87
1,3-Dichlorobenzene
Concen: 9.70 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



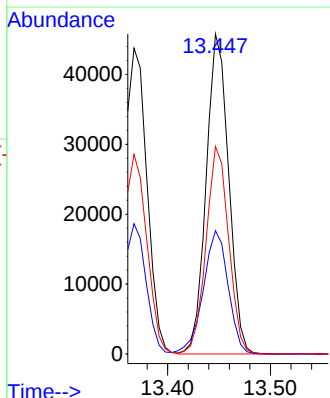
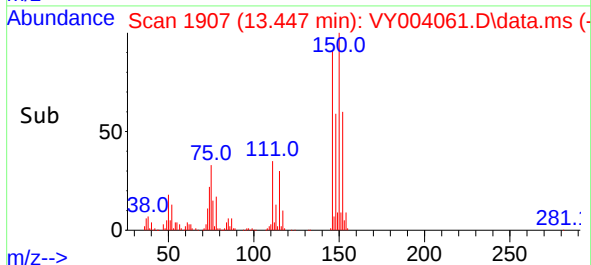
Tgt Ion:146 Resp: 69272
Ion Ratio Lower Upper
146 100
111 41.4 18.9 56.7
148 64.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 9.66 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39



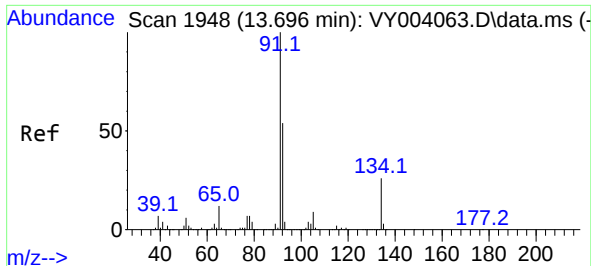
Tgt Ion:146 Resp: 69776
Ion Ratio Lower Upper
146 100
111 42.6 18.6 55.8
148 65.1 31.8 95.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

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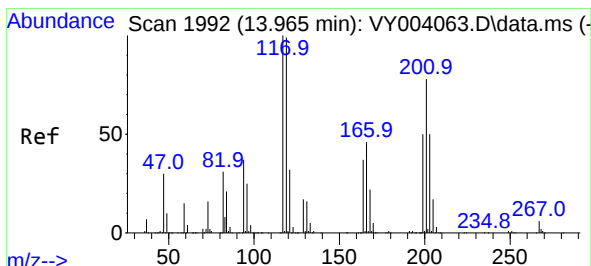
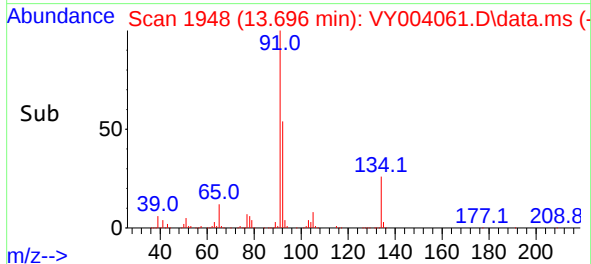
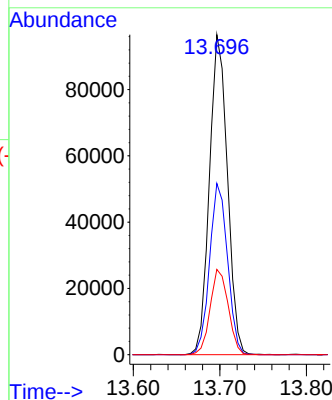
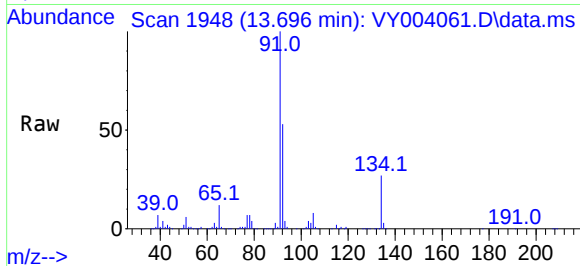
#89
n-Butylbenzene
Concen: 10.64 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	91	Resp:	139312
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.4
134	26.9	13.2	39.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

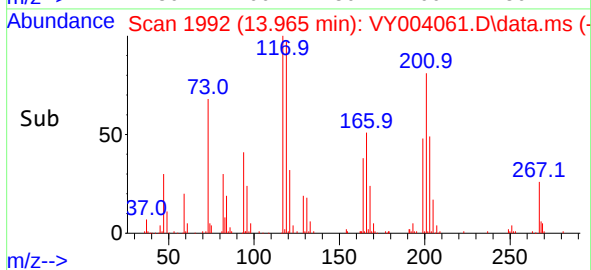
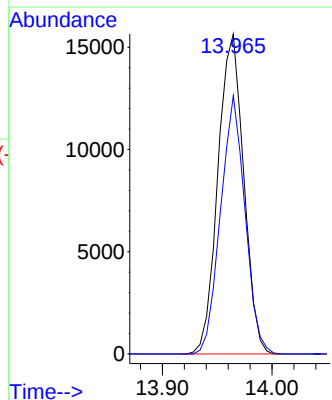
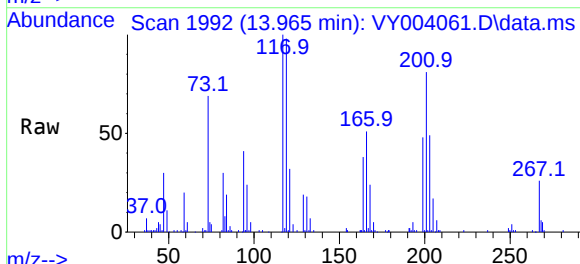
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#90
Hexachloroethane
Concen: 9.89 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	117	Resp:	25536
Ion	Ratio	Lower	Upper
117	100		
201	76.6	46.0	138.0





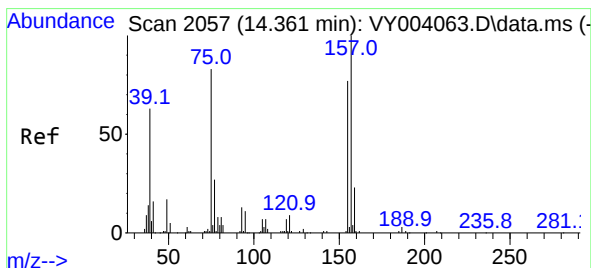
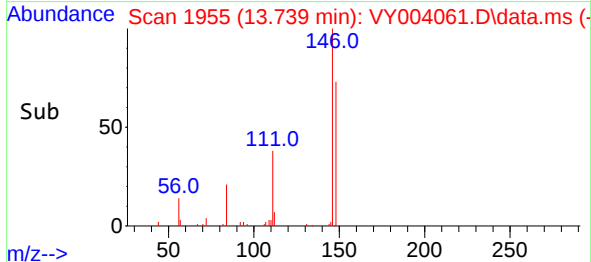
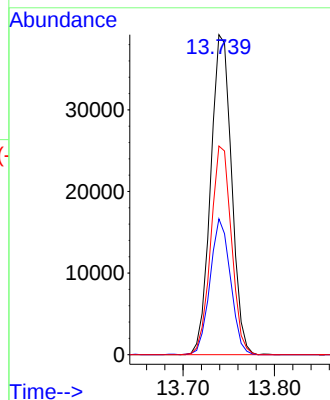
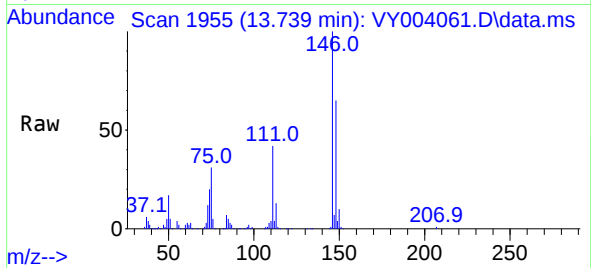
#91
1,2-Dichlorobenzene
Concen: 9.59 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:146 Resp: 62263
Ion Ratio Lower Upper
146 100
111 41.5 19.6 58.8
148 64.4 31.9 95.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

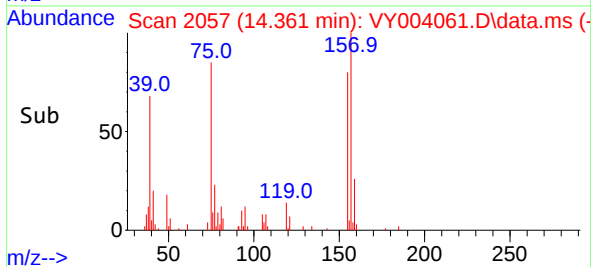
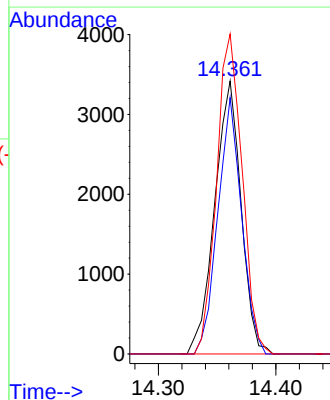
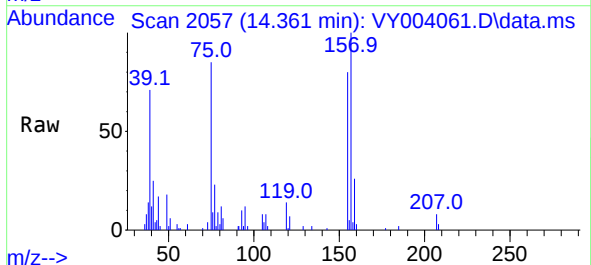
Manual Integrations
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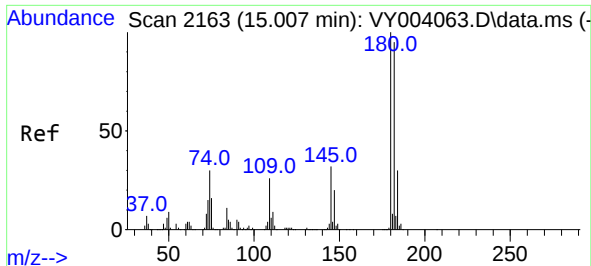
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#92
1,2-Dibromo-3-Chloropropane
Concen: 11.18 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion: 75 Resp: 5332
Ion Ratio Lower Upper
75 100
155 84.8 42.8 128.4
157 113.6 52.4 157.3





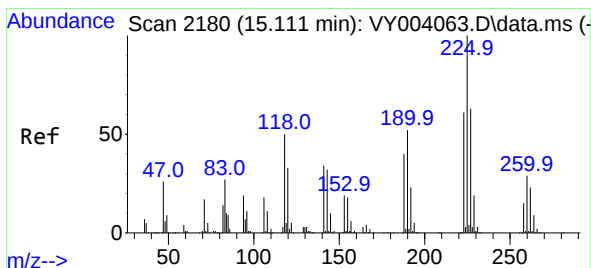
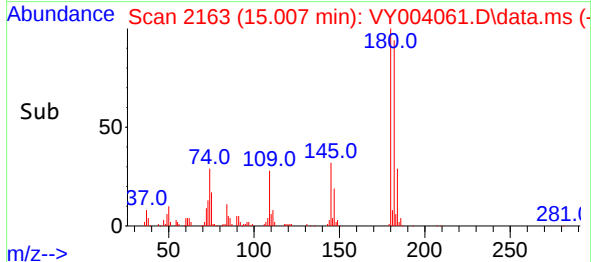
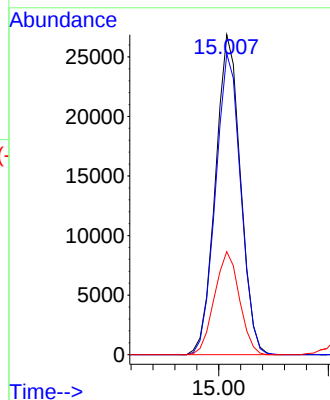
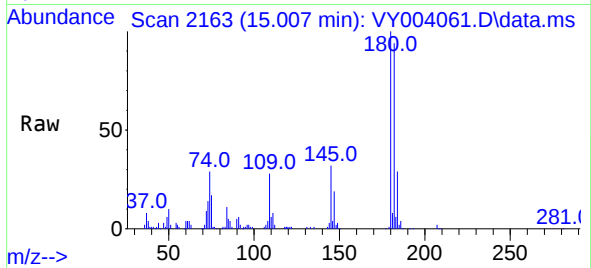
#93
1,2,4-Trichlorobenzene
Concen: 9.14 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	180	Resp:	42599
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.0	144.0
145	32.1	14.1	42.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

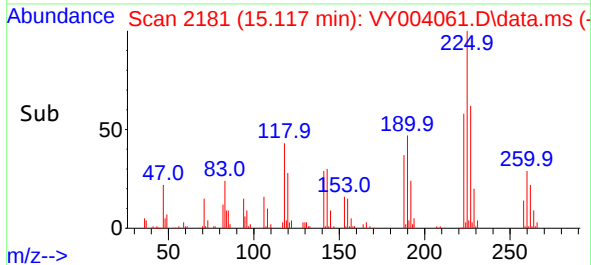
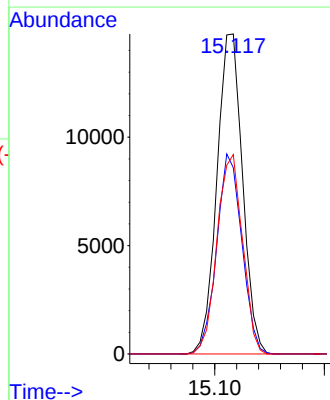
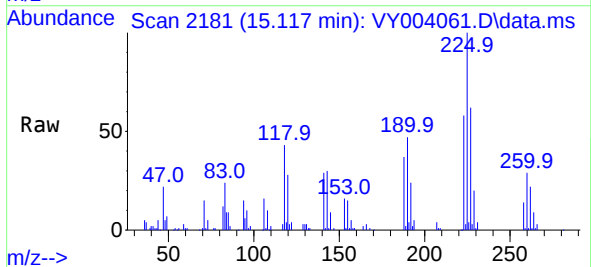
Manual Integrations
APPROVED

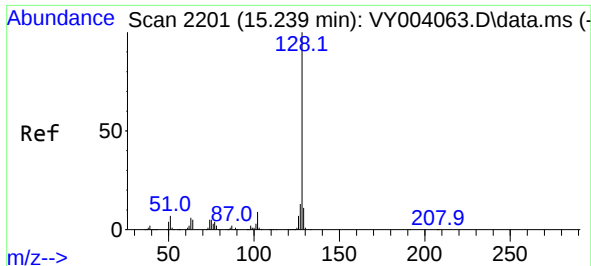
MMDadoda
3/9/2021 3:03:00 PM



#94
Hexachlorobutadiene
Concen: 8.62 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	225	Resp:	23992
Ion Ratio	Lower	Upper	
225	100		
223	61.3	31.5	94.5
227	62.1	32.1	96.3





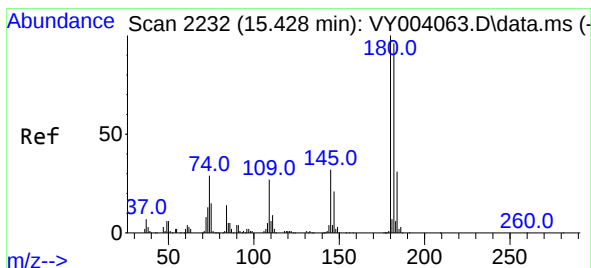
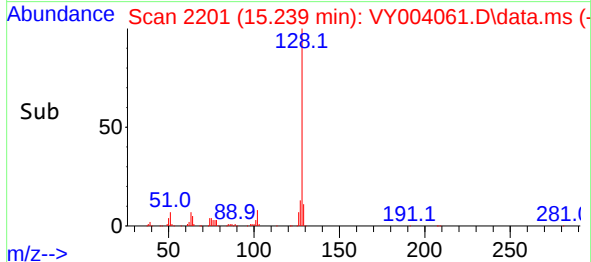
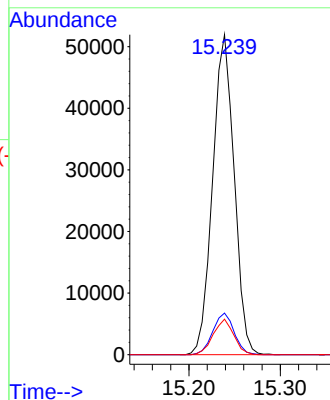
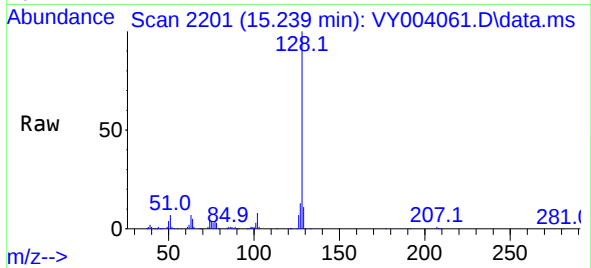
#95
Naphthalene
Concen: 9.91 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	128	Resp:	84907
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.7	8.7	13.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/9/2021 3:03:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 9.15 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004061.D
Acq: 08 Mar 2021 10:39

Tgt Ion:	180	Resp:	35148
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.6	142.8
145	34.5	15.3	45.9

