

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032522\
 Data File : VY008027.D
 Acq On : 25 Mar 2022 15:48
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 17:53:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 17:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	161837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9194	4.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	8.360%#		
35) Dibromofluoromethane	7.715	113	9043	4.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.680%#		
50) Toluene-d8	10.178	98	35144	5.178	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.360%#		
62) 4-Bromofluorobenzene	12.483	95	12640	4.916	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.840%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6680	3.579	ug/l	99
3) Chloromethane	2.113	50	10149	4.041	ug/l	96
4) Vinyl Chloride	2.253	62	12684	4.332	ug/l	98
5) Bromomethane	2.643	94	11640	4.929	ug/l	97
6) Chloroethane	2.796	64	8330	4.359	ug/l	94
7) Trichlorofluoromethane	3.125	101	15459	4.357	ug/l	88
8) Diethyl Ether	3.533	74	4930	3.544	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	9718	4.423	ug/l	90
10) Methyl Iodide	4.088	142	6610	2.894	ug/l	94
11) Tert butyl alcohol	4.942	59	4486	16.685	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	8979	4.237	ug/l #	79
13) Acrolein	3.728	56	3912	17.051	ug/l	98
14) Allyl chloride	4.472	41	12048	3.459	ug/l #	92
15) Acrylonitrile	5.161	53	12386	16.351	ug/l	98
16) Acetone	3.942	43	10153	15.764	ug/l	92
17) Carbon Disulfide	4.192	76	23791	3.666	ug/l	99
18) Methyl Acetate	4.484	43	9663	4.884	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	25941	3.722	ug/l	93
20) Methylene Chloride	4.716	84	15462	5.038	ug/l #	75
21) trans-1,2-Dichloroethene	5.222	96	10540	4.201	ug/l #	76
22) Diisopropyl ether	6.118	45	26503	3.522	ug/l #	87
23) Vinyl Acetate	6.057	43	70068	13.681	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	17698	4.133	ug/l	99
25) 2-Butanone	6.990	43	14954	15.230	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	16094	4.183	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	12494	4.285	ug/l	81
28) Bromochloromethane	7.331	49	7073	4.647	ug/l #	75
29) Tetrahydrofuran	7.344	42	9584	14.735	ug/l #	73
30) Chloroform	7.502	83	18798	4.133	ug/l	99
31) Cyclohexane	7.783	56	18460	4.585	ug/l #	63
32) 1,1,1-Trichloroethane	7.697	97	16564	4.243	ug/l	94
36) 1,1-Dichloropropene	7.917	75	13774	4.351	ug/l	95
37) Ethyl Acetate	7.069	43	6222	3.017	ug/l #	86
38) Carbon Tetrachloride	7.892	117	14696	4.578	ug/l	94
39) Methylcyclohexane	9.185	83	18991	4.615	ug/l #	85
40) Benzene	8.154	78	40928	4.407	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	3548m	1.542	ug/l	
42) 1,2-Dichloroethane	8.234	62	11717	4.091	ug/l	91
43) Isopropyl Acetate	8.270	43	13070	3.388	ug/l #	86
44) Trichloroethene	8.941	130	11502	4.625	ug/l	94
45) 1,2-Dichloropropane	9.215	63	9858	4.157	ug/l	99
46) Dibromomethane	9.301	93	6327	4.145	ug/l	91
47) Bromodichloromethane	9.496	83	14289	4.239	ug/l	98
48) Methyl methacrylate	9.294	41	5756	3.438	ug/l #	84
49) 1,4-Dioxane	9.294	88	1581	72.132	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	32727	16.605	ug/l	88
52) Toluene	10.246	92	26391	4.465	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	14112	3.896	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	16252	4.022	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	8650	4.154	ug/l	93
56) Ethyl methacrylate	10.508	69	10625	3.569	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	14260	4.018	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	26996	21.385	ug/l	91
59) 2-Hexanone	10.831	43	22769	16.353	ug/l	84
60) Dibromochloromethane	10.983	129	9776	4.079	ug/l	98
61) 1,2-Dibromoethane	11.087	107	8179	3.917	ug/l	98
64) Tetrachloroethene	10.721	164	9869	5.171	ug/l	93
65) Chlorobenzene	11.514	112	28567	4.662	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	10054	4.517	ug/l	97
67) Ethyl Benzene	11.593	91	50688	4.727	ug/l	95
68) m/p-Xylenes	11.703	106	39135	9.353	ug/l	94
69) o-Xylene	12.032	106	18565	4.606	ug/l	95
70) Styrene	12.044	104	29722	4.421	ug/l	96
71) Bromoform	12.209	173	5641	3.984	ug/l #	97
73) Isopropylbenzene	12.331	105	50368	5.040	ug/l	100
74) N-amyl acetate	12.142	43	11253	3.731	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.580	83	9849	4.237	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	8892m	3.179	ug/l	
77) Bromobenzene	12.605	156	10624	4.489	ug/l	95
78) n-propylbenzene	12.672	91	60330	4.998	ug/l	99
79) 2-Chlorotoluene	12.757	91	33460	4.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	41213	4.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	3182	3.963	ug/l	83
82) 4-Chlorotoluene	12.855	91	34024	4.782	ug/l	97
83) tert-Butylbenzene	13.074	119	35140	4.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	39748	4.868	ug/l	100
85) sec-Butylbenzene	13.251	105	54421	5.051	ug/l	98
86) p-Isopropyltoluene	13.373	119	44226	5.015	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	21884	4.734	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	22653	4.892	ug/l	95
89) n-Butylbenzene	13.696	91	41697	4.942	ug/l	99
90) Hexachloroethane	13.964	117	8531	4.977	ug/l	77
91) 1,2-Dichlorobenzene	13.739	146	19033	4.550	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1607	4.241	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	11197	4.507	ug/l	98
94) Hexachlorobutadiene	15.111	225	6524	5.460	ug/l	95
95) Naphthalene	15.239	128	24177	3.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	9426	4.329	ug/l	95

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MSVOA_Y
ClientSampleId :
VSTDICC005

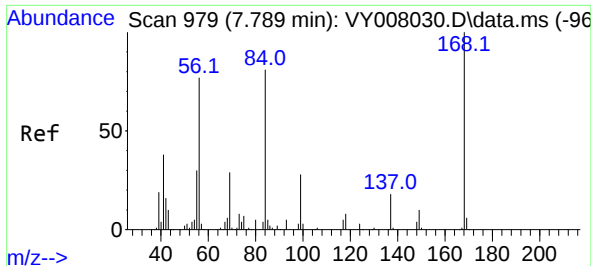
Manual Integrations
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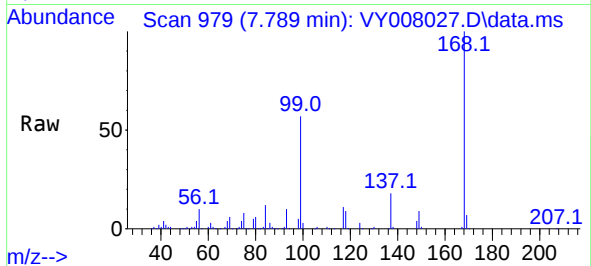
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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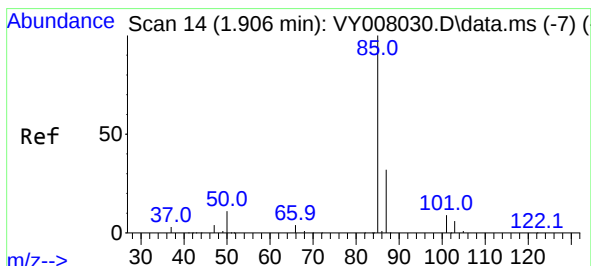
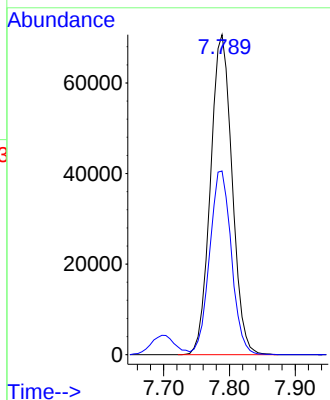
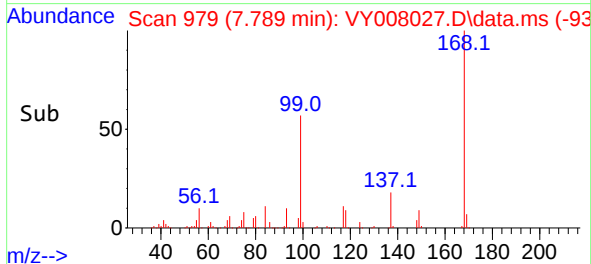
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



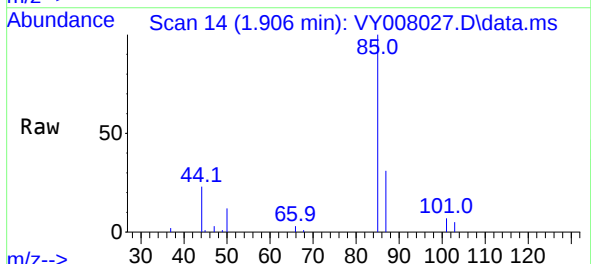
Tgt Ion:168 Resp: 16183
Ion Ratio Lower Upper
168 100
99 57.4 46.9 70.3

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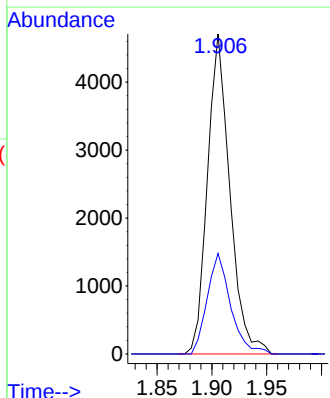
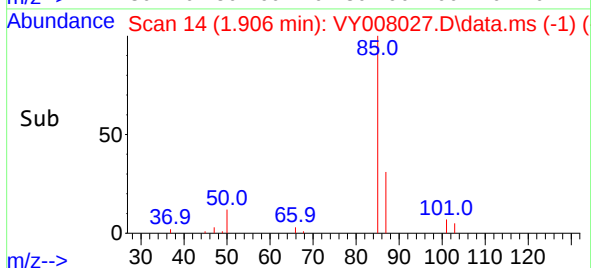
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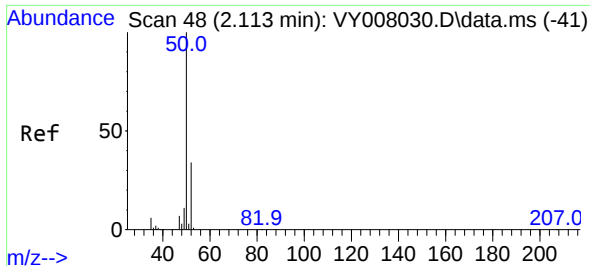


#2
Dichlorodifluoromethane
Concen: 3.579 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



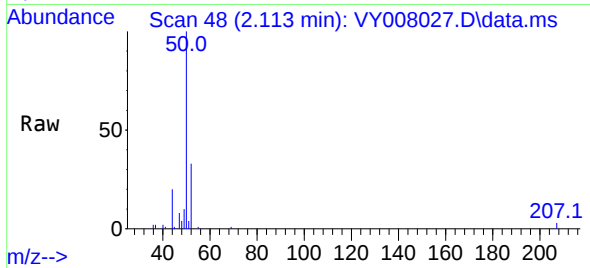
Tgt Ion: 85 Resp: 6680
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#3
Chloromethane
Concen: 4.041 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

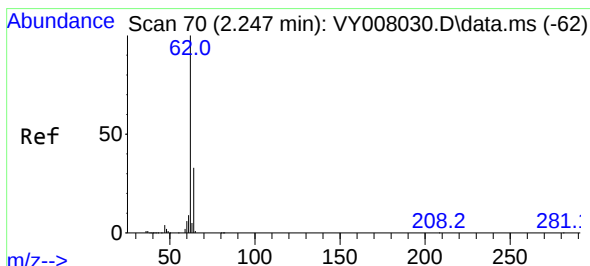
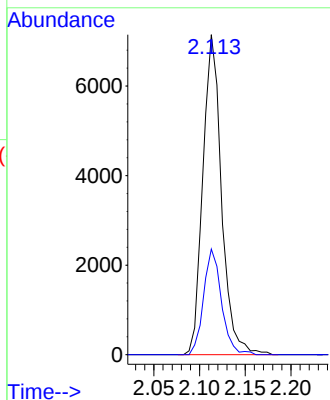
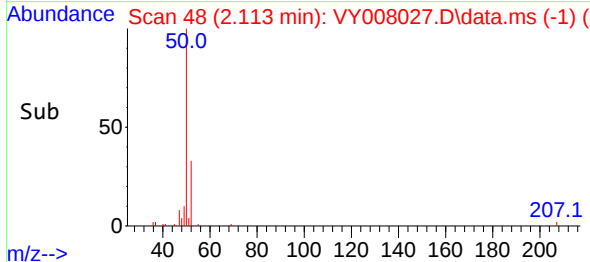
Instrument :
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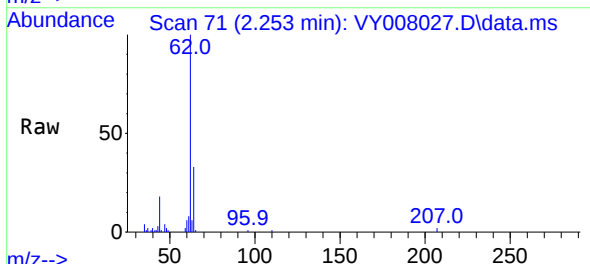
Tgt Ion: 50 Resp: 10149
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0

Manual Integrations
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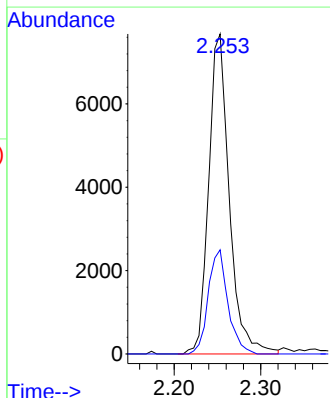
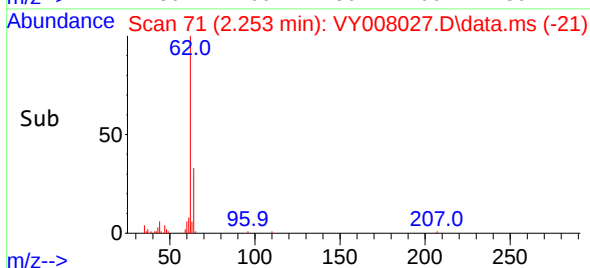
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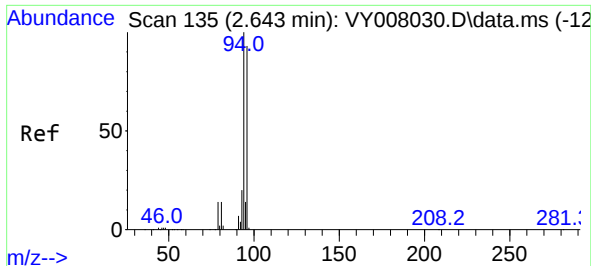


#4
Vinyl Chloride
Concen: 4.332 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



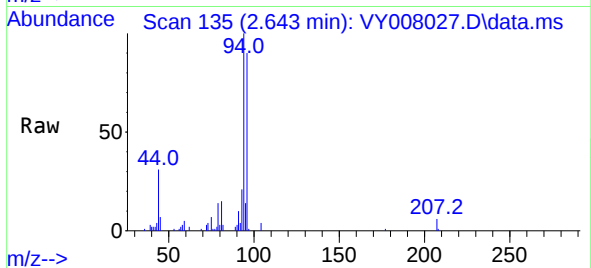
Tgt Ion: 62 Resp: 12684
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6





#5
Bromomethane
Concen: 4.929 ug/l
RT: 2.643 min Scan# 11640
Delta R.T. -0.000 min
Lab File: VY008027.D
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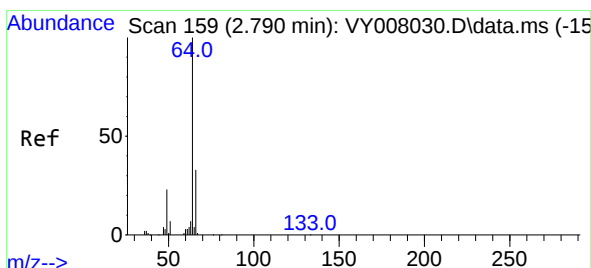
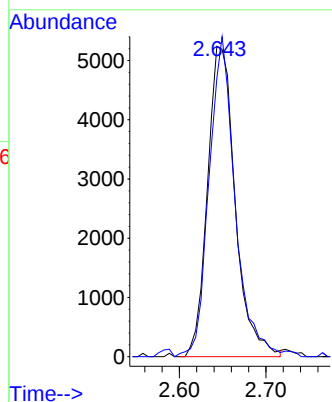
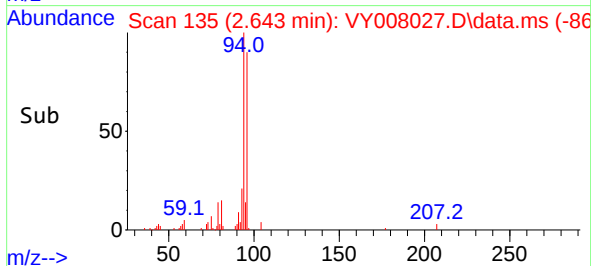
Instrument :
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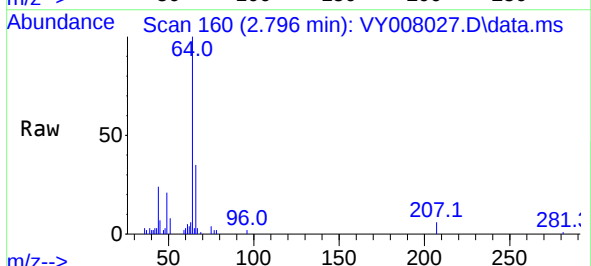
Tgt Ion: 94 Resp: 11640
Ion Ratio Lower Upper
94 100
96 88.7 73.5 110.3

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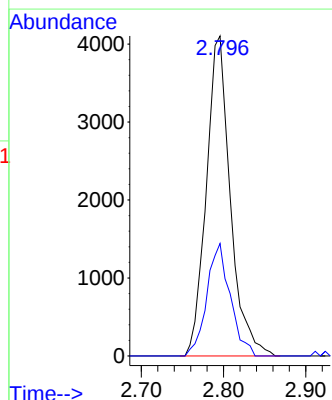
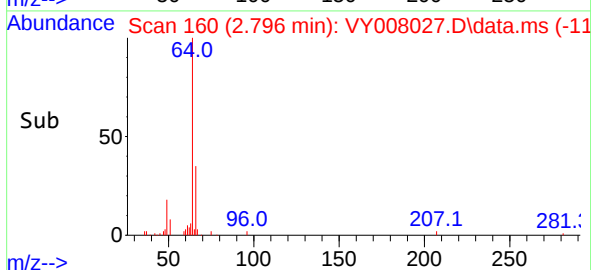
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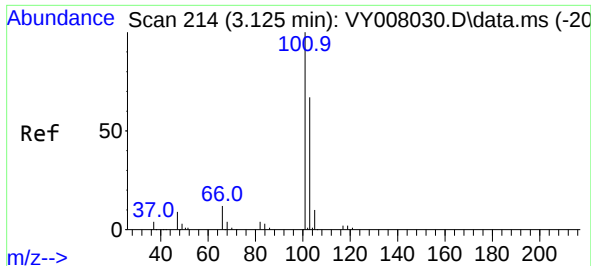


#6
Chloroethane
Concen: 4.359 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008027.D
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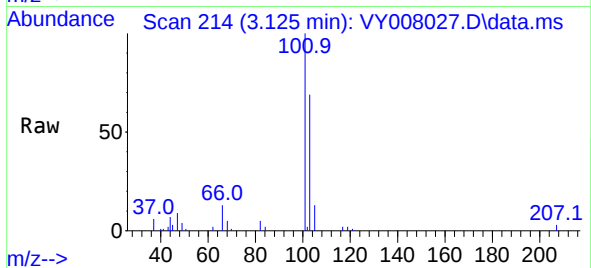
Tgt Ion: 64 Resp: 8330
Ion Ratio Lower Upper
64 100
66 35.2 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 4.357 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

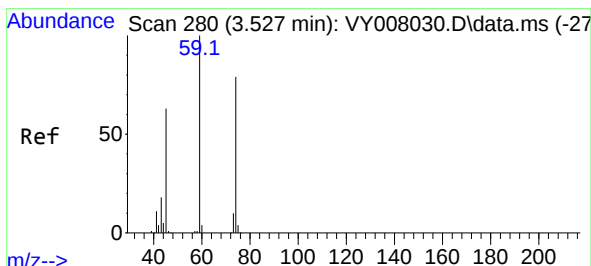
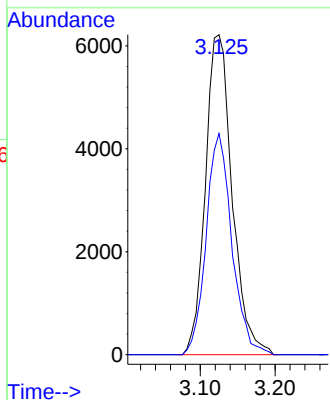
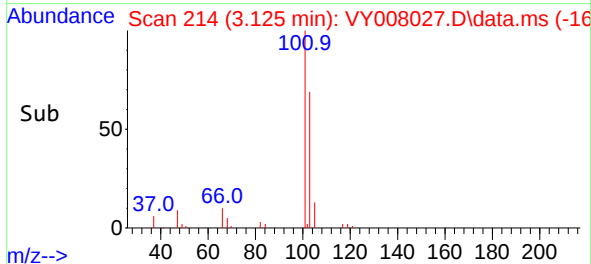
Instrument :
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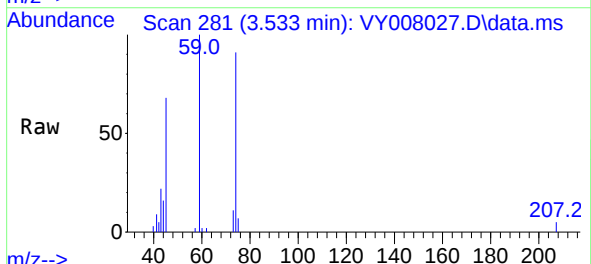
Tgt Ion:101 Resp: 1545
 Ion Ratio Lower Upper
 101 100
 103 69.1 48.0 72.0

Manual Integrations
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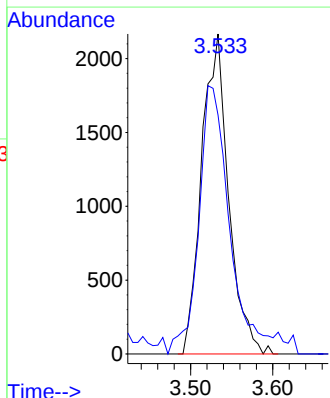
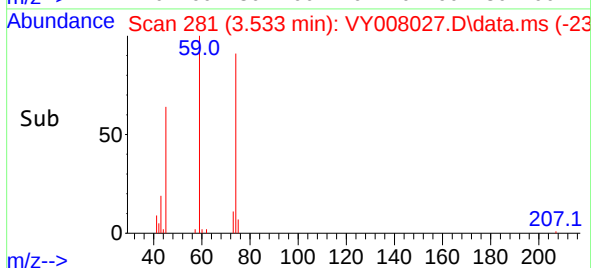
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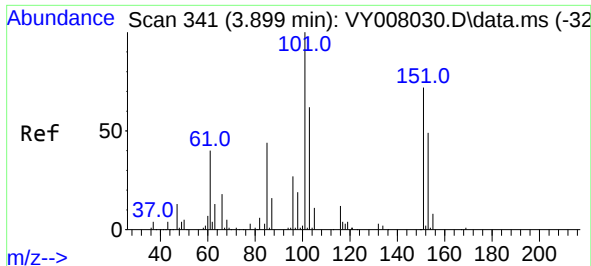


#8
 Diethyl Ether
 Concen: 3.544 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY008027.D
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Tgt Ion: 74 Resp: 4930
 Ion Ratio Lower Upper
 74 100
 45 98.7 55.1 165.5





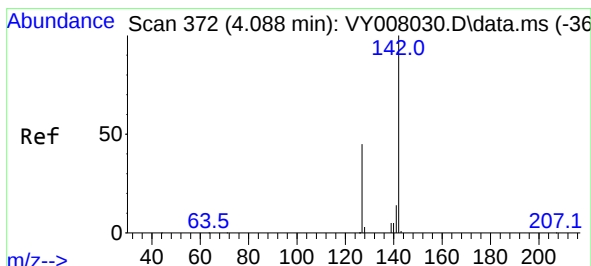
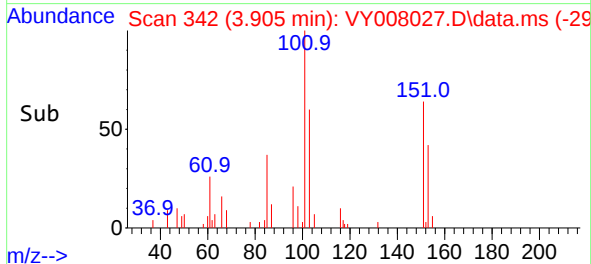
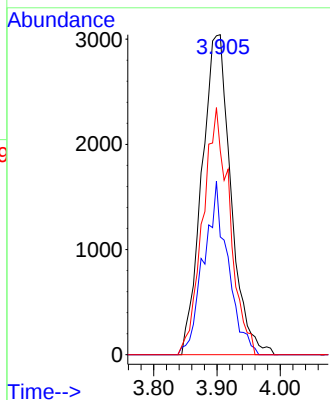
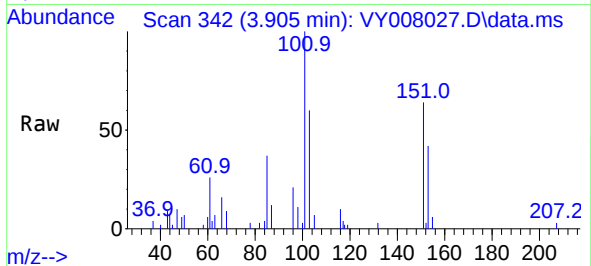
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.423 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 9718
Ion Ratio Lower Upper
101 100
85 45.3 40.6 60.8
151 71.7 64.9 97.3

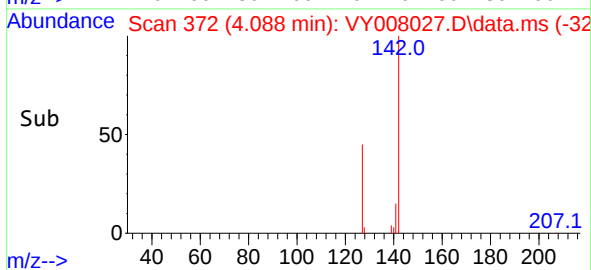
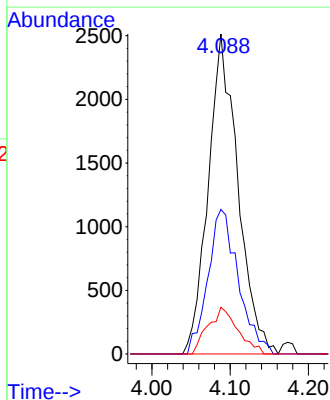
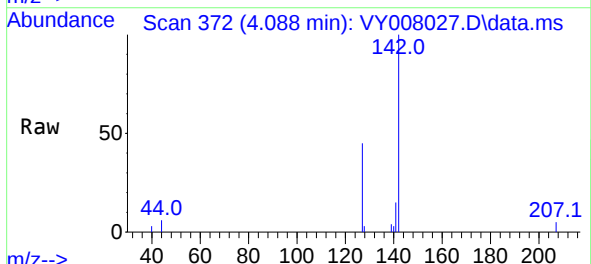
Manual Integrations
APPROVED

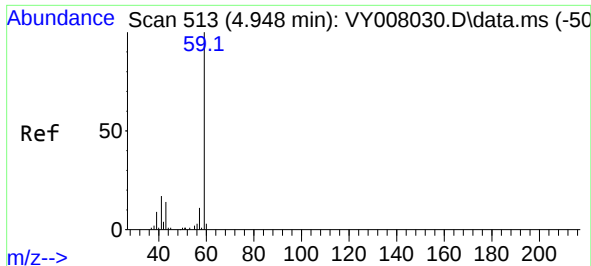
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 2.894 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:142 Resp: 6610
Ion Ratio Lower Upper
142 100
127 46.4 41.5 62.3
141 14.6 11.9 17.9





#11

Tert butyl alcohol

Concen: 16.685 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 4480

Ion Ratio Lower Upper

59 100

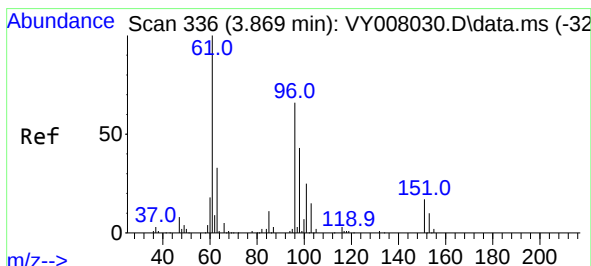
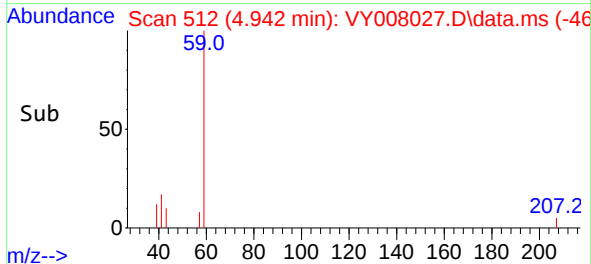
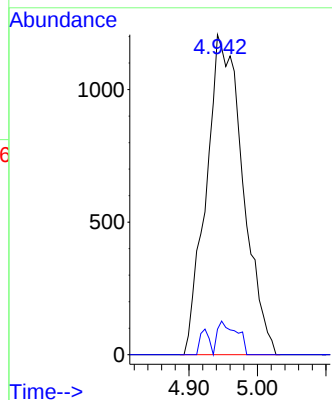
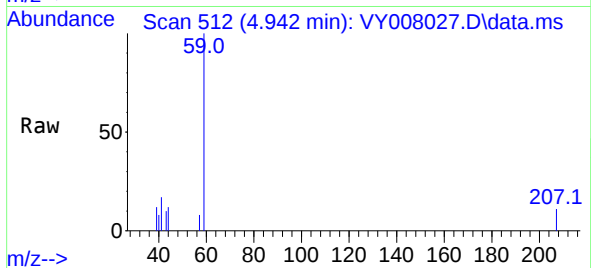
57 5.5 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#12

1,1-Dichloroethene

Concen: 4.237 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

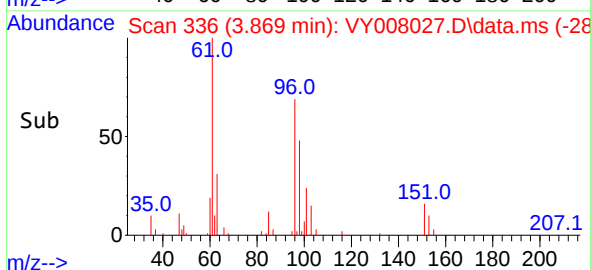
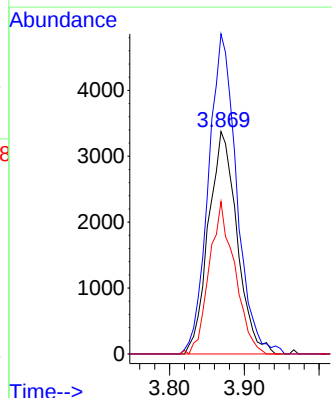
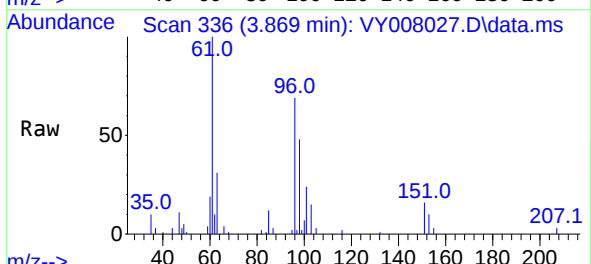
Tgt Ion: 96 Resp: 8979

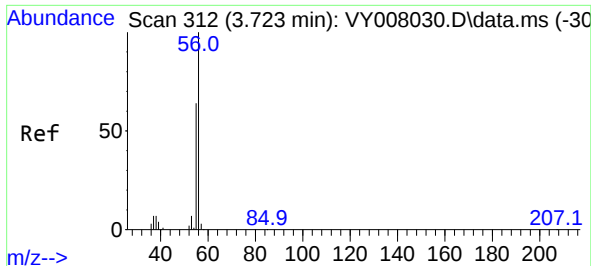
Ion Ratio Lower Upper

96 100

61 143.9 145.8 218.6#

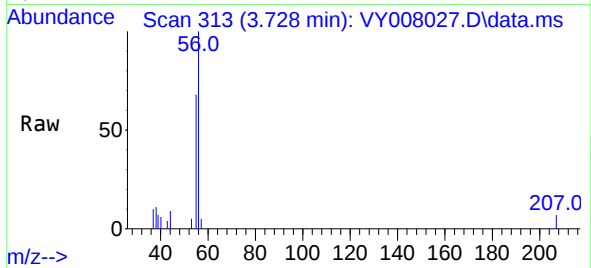
98 68.5 52.5 78.7





#13
Acrolein
Concen: 17.051 ug/l
RT: 3.728 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

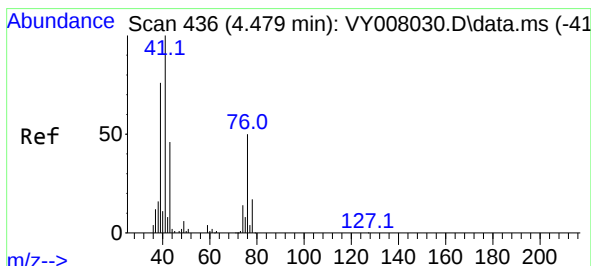
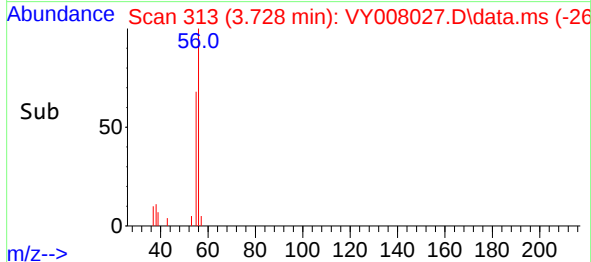
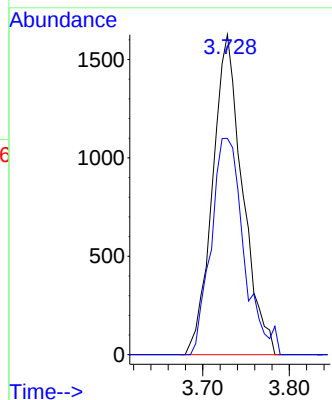
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 3912
Ion Ratio Lower Upper
56 100
55 73.9 57.6 86.4

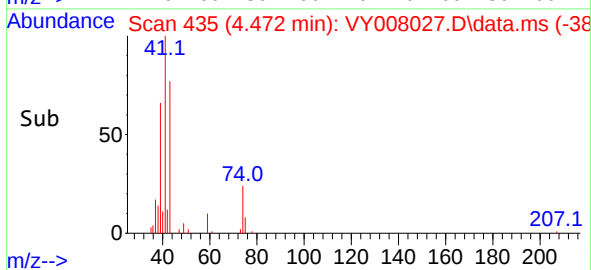
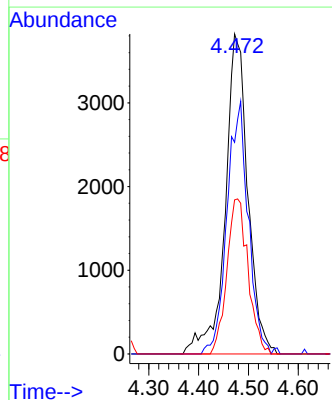
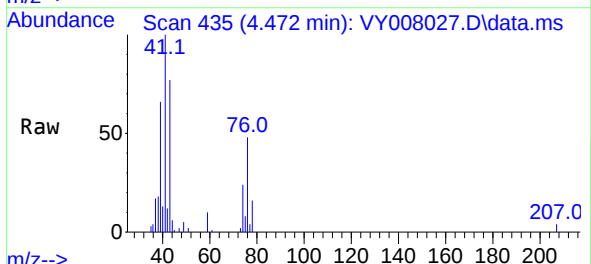
Manual Integrations
APPROVED

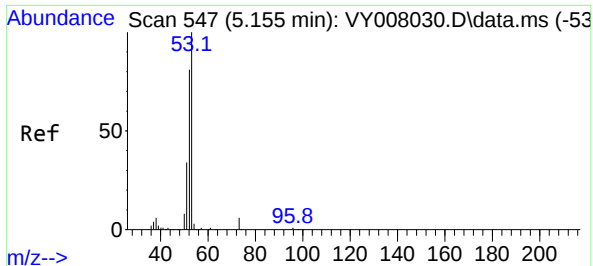
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#14
Allyl chloride
Concen: 3.459 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

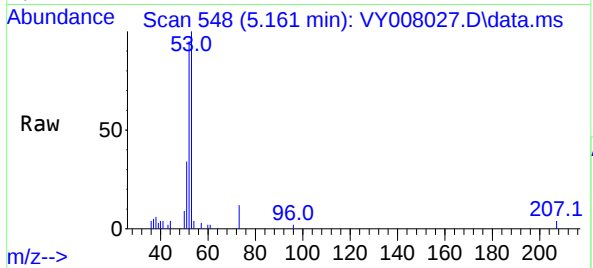
Tgt Ion: 41 Resp: 12048
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 45.4 25.1 37.7#





#15
Acrylonitrile
Concen: 16.351 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

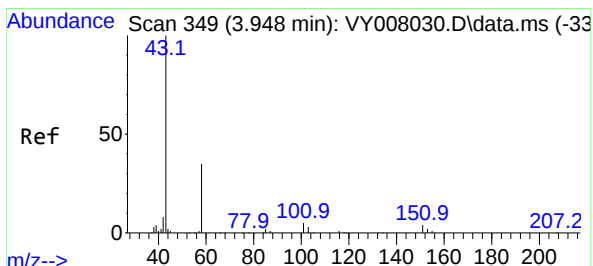
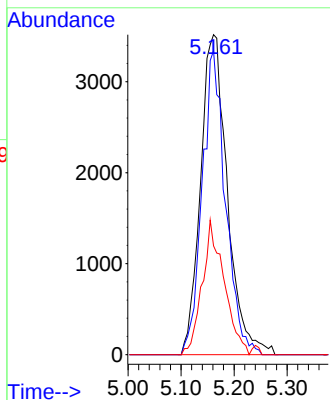
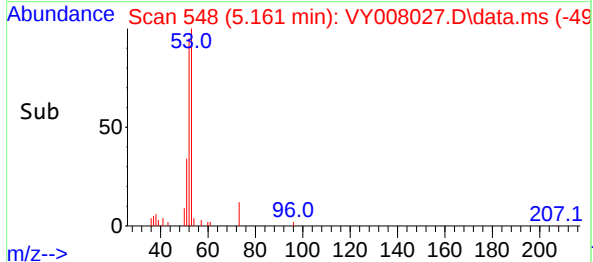
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



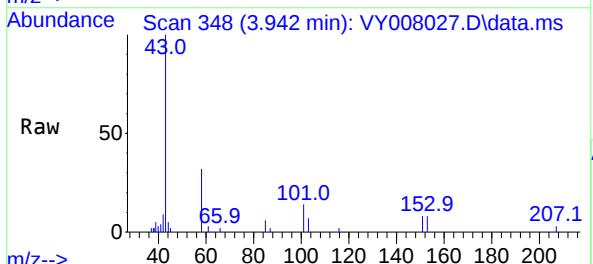
Tgt Ion: 53 Resp: 12380
Ion Ratio Lower Upper
53 100
52 82.6 67.0 100.4
51 34.4 29.8 44.6

Manual Integrations
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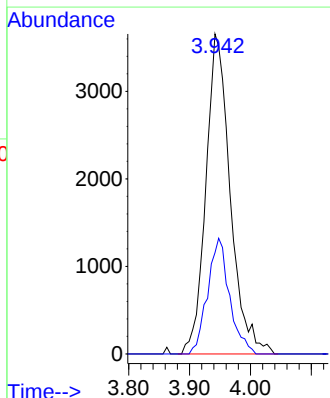
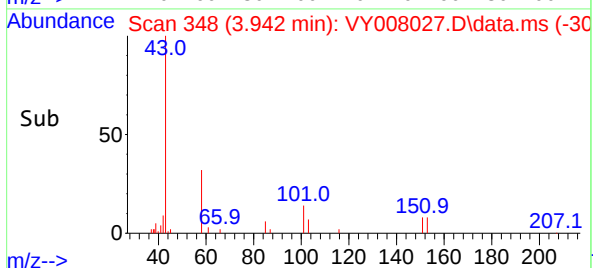
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

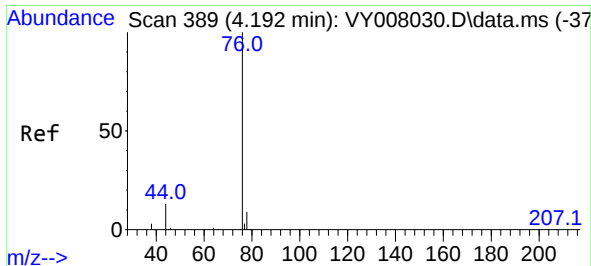


#16
Acetone
Concen: 15.764 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



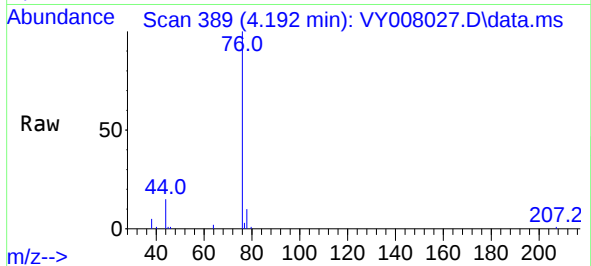
Tgt Ion: 43 Resp: 10153
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0





#17
Carbon Disulfide
Concen: 3.666 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

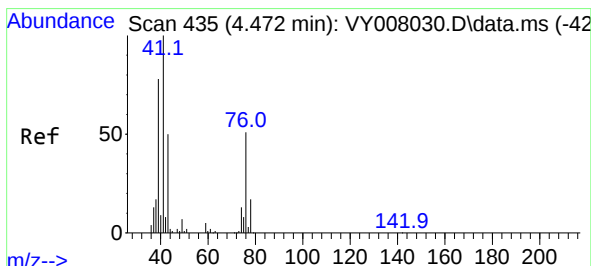
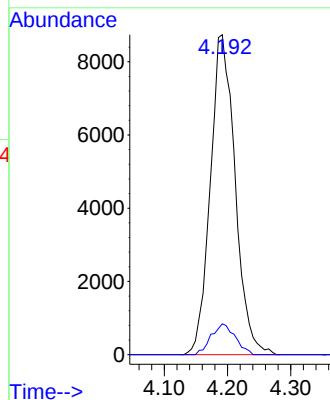
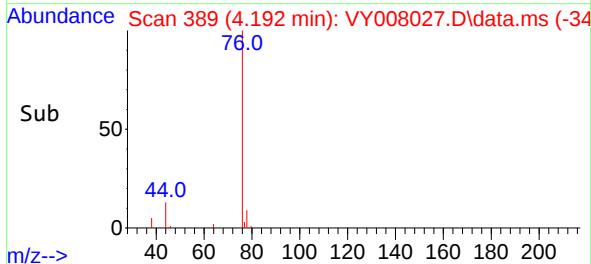
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



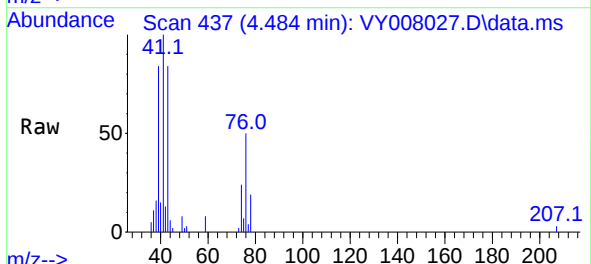
Tgt Ion: 76 Resp: 2379
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
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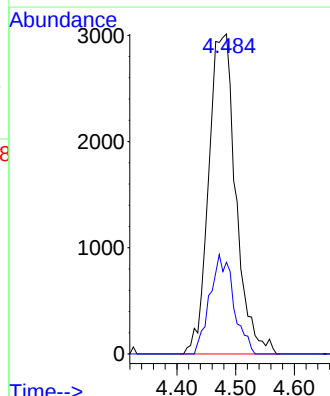
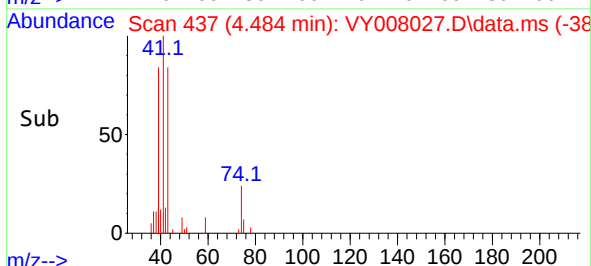
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

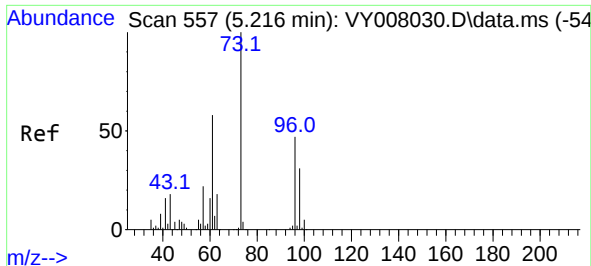


#18
Methyl Acetate
Concen: 4.884 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion: 43 Resp: 9663
Ion Ratio Lower Upper
43 100
74 27.3 16.6 24.8





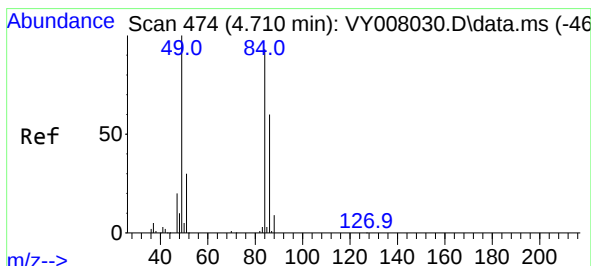
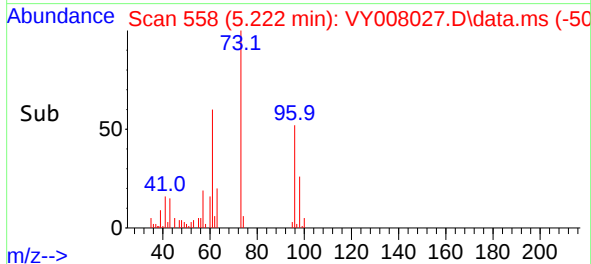
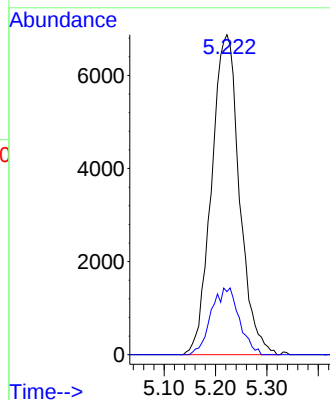
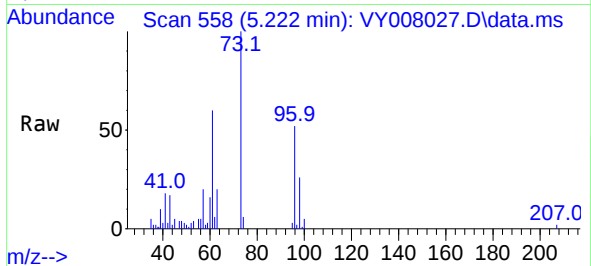
#19
Methyl tert-butyl Ether
Concen: 3.722 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 2594
Ion Ratio Lower Upper
73 100
57 19.7 18.6 27.8

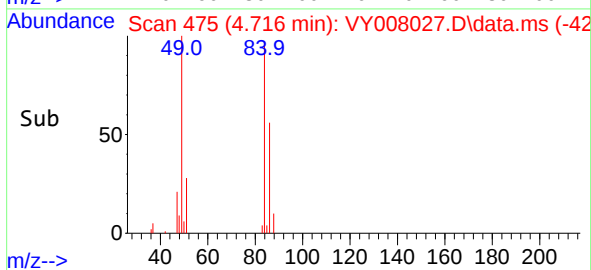
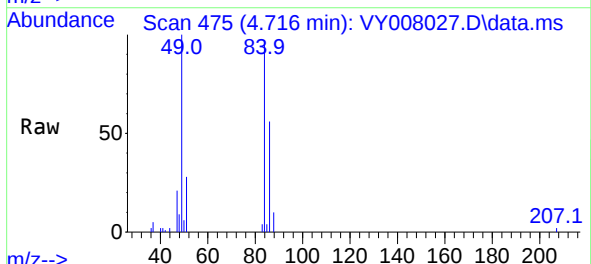
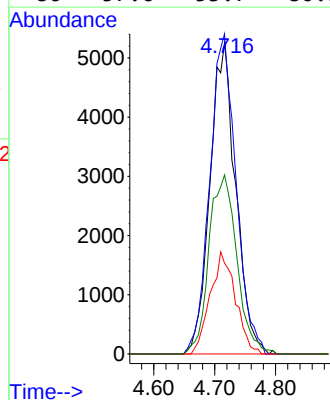
Manual Integrations
APPROVED

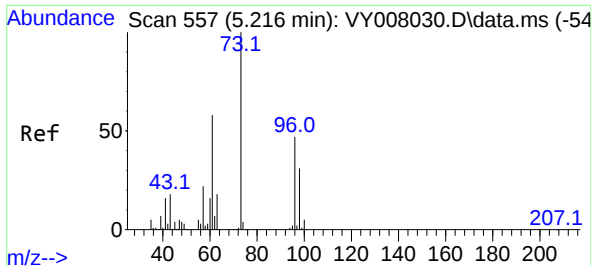
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#20
Methylene Chloride
Concen: 5.038 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

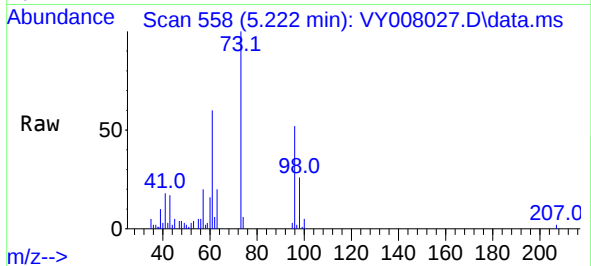
Tgt Ion: 84 Resp: 15462
Ion Ratio Lower Upper
84 100
49 103.0 114.4 171.6#
51 29.2 35.3 52.9#
86 57.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.201 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

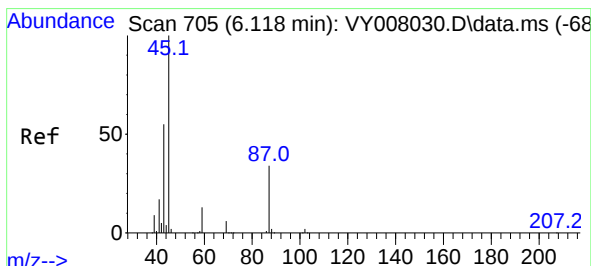
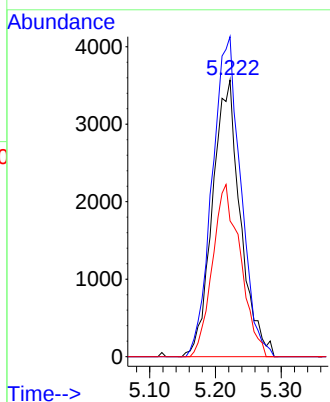
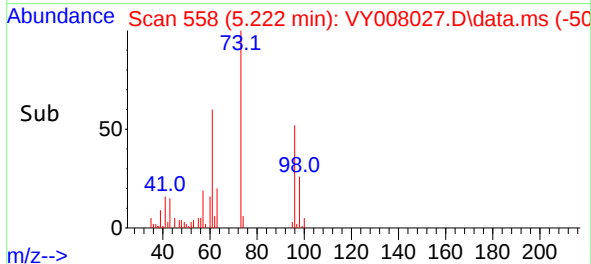
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



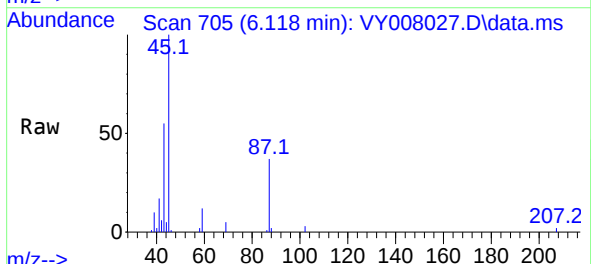
Tgt Ion: 96 Resp: 10540
Ion Ratio Lower Upper
96 100
61 115.7 120.5 180.7
98 49.1 49.8 74.8

Manual Integrations
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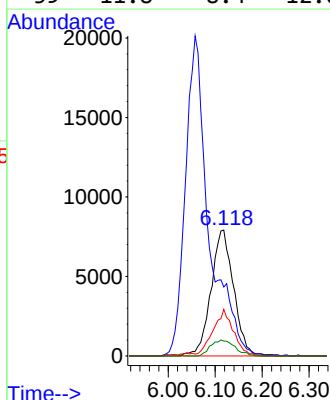
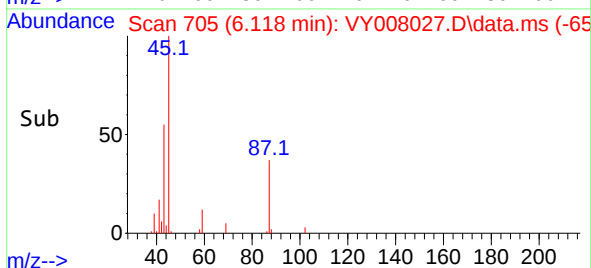
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

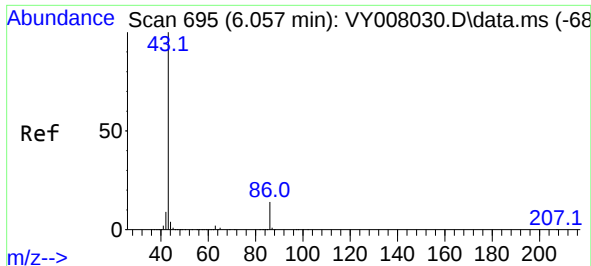


#22
Diisopropyl ether
Concen: 3.522 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion: 45 Resp: 26503
Ion Ratio Lower Upper
45 100
43 53.8 49.3 73.9
87 37.0 19.2 28.8
59 11.8 8.4 12.6





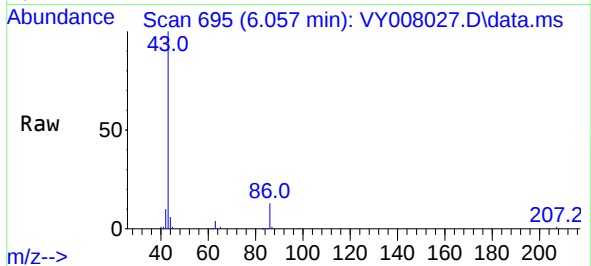
#23
 Vinyl Acetate
 Concen: 13.681 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

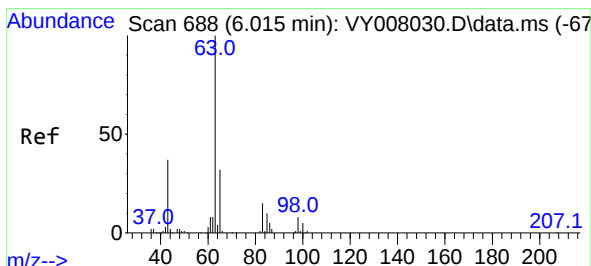
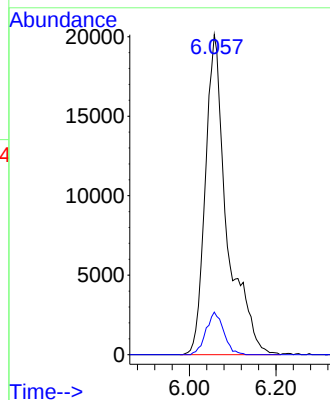
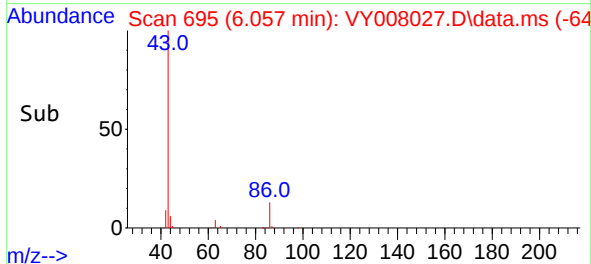


Tgt Ion: 43 Resp: 7006
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7

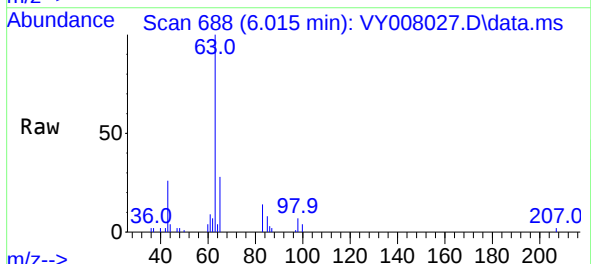
Manual Integrations

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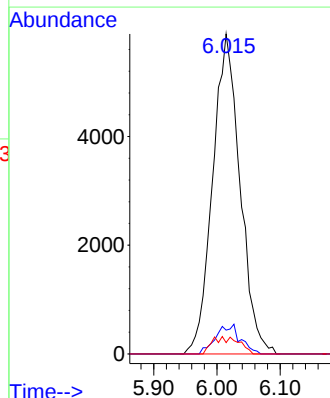
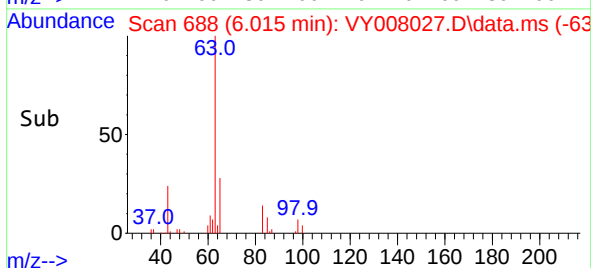
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

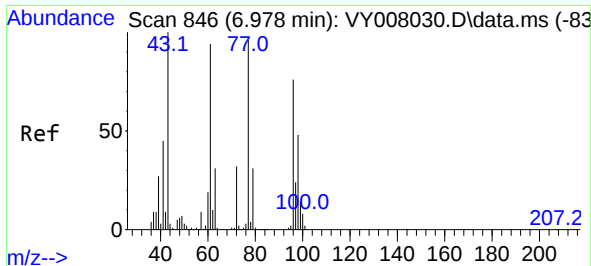


#24
 1,1-Dichloroethane
 Concen: 4.133 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48



Tgt Ion: 63 Resp: 17698
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 3.5 2.0 5.8





#25

2-Butanone

Concen: 15.230 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 14954

Ion Ratio Lower Upper

43 100

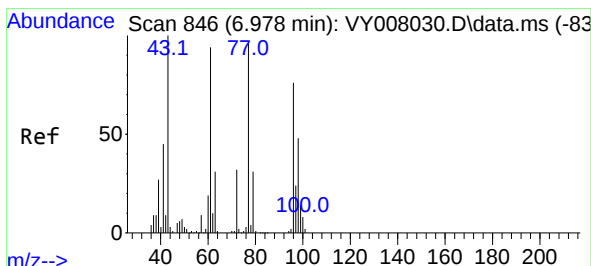
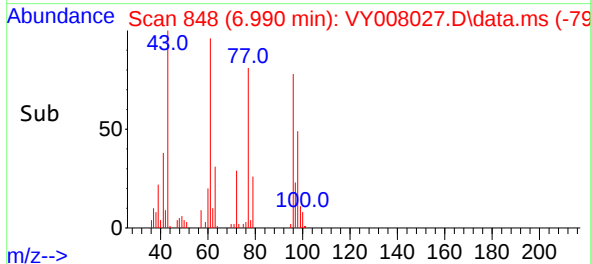
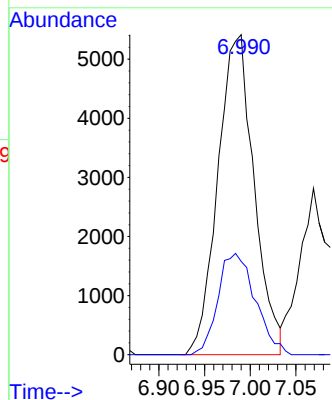
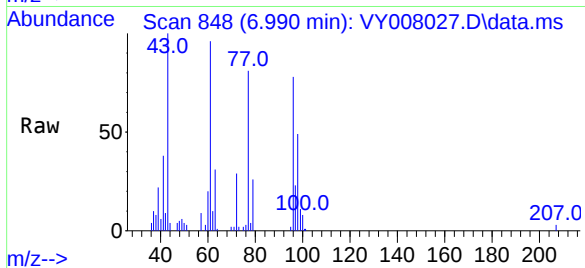
72 29.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

2,2-Dichloropropane

Concen: 4.183 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY008027.D

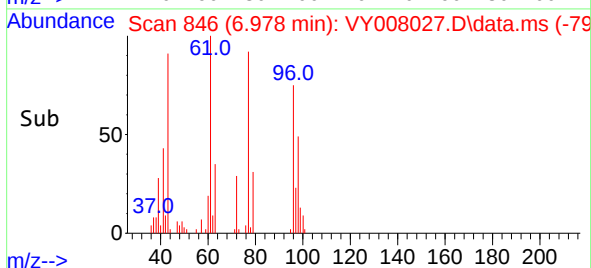
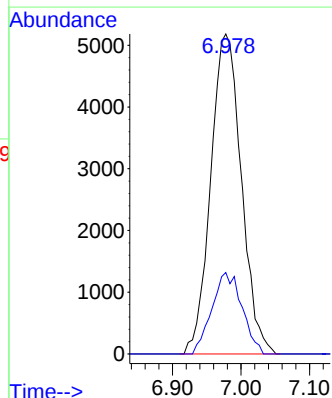
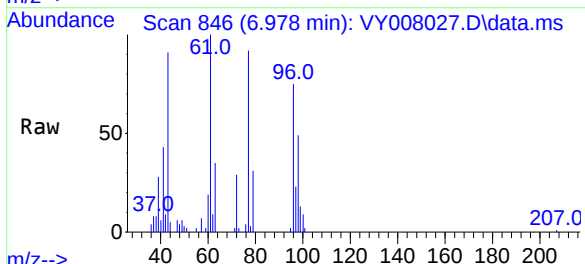
Acq: 25 Mar 2022 15:48

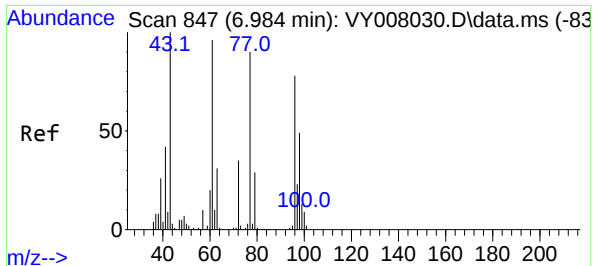
Tgt Ion: 77 Resp: 16094

Ion Ratio Lower Upper

77 100

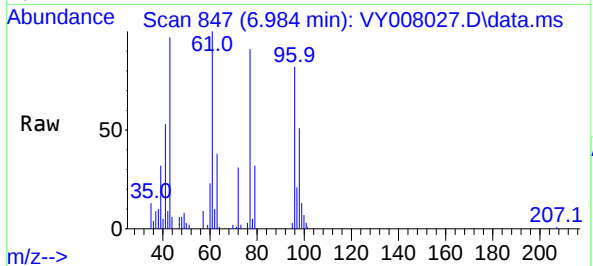
97 25.0 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 4.285 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

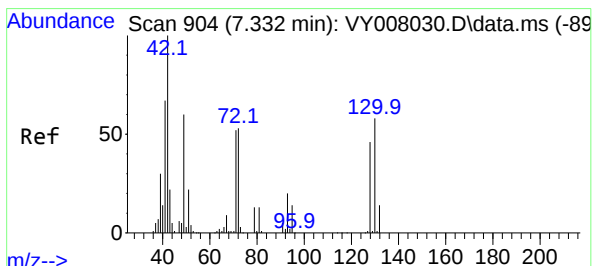
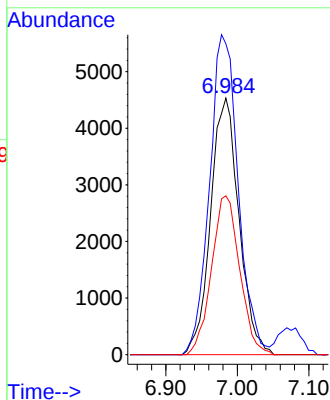
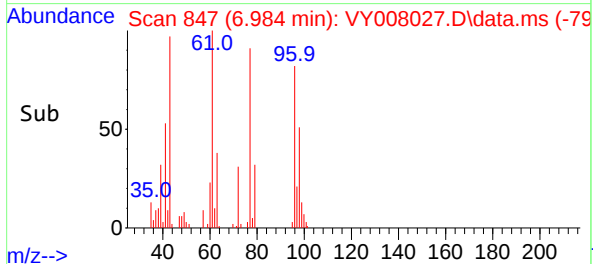
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 12494
Ion Ratio Lower Upper
96 100
61 126.5 0.0 319.8
98 61.6 0.0 127.0

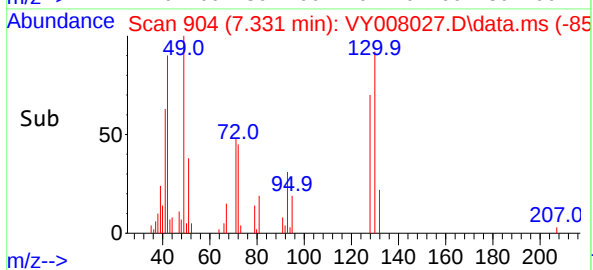
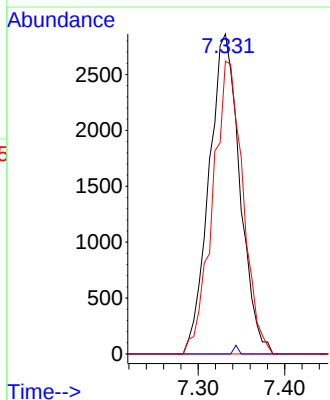
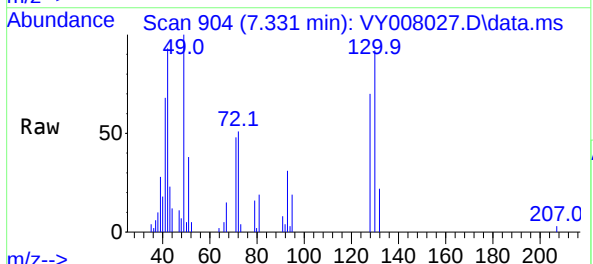
Manual Integrations
APPROVED

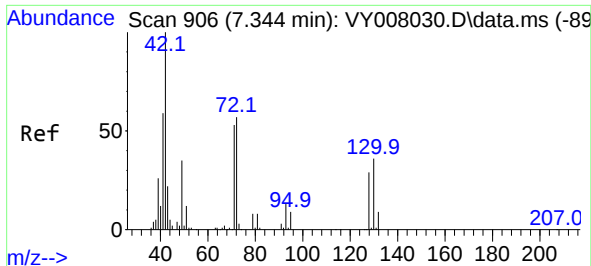
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#28
Bromochloromethane
Concen: 4.647 ug/l
RT: 7.331 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

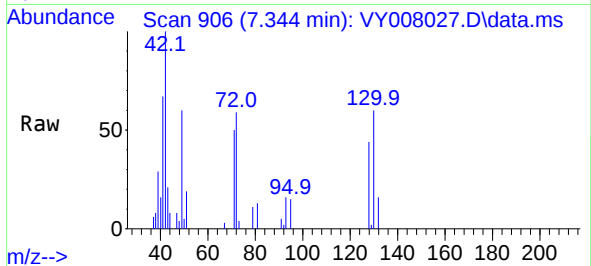
Tgt Ion: 49 Resp: 7073
Ion Ratio Lower Upper
49 100
129 0.4 0.0 2.2
130 89.7 55.4 83.0#





#29
Tetrahydrofuran
Concen: 14.735 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

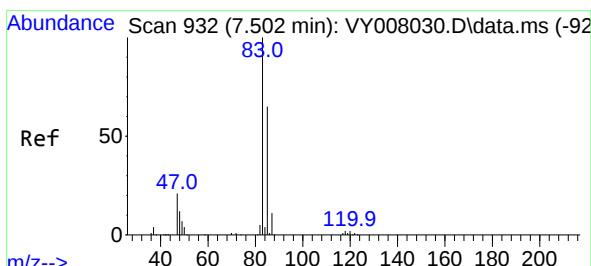
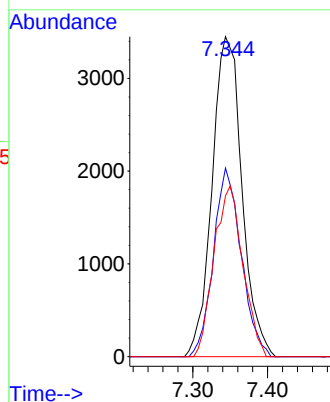
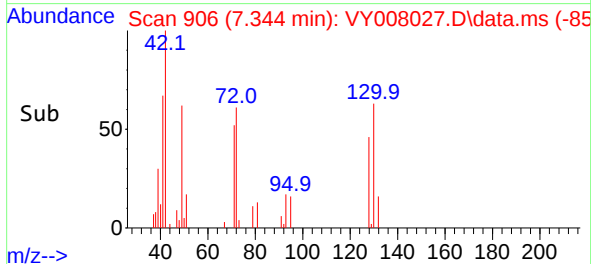
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



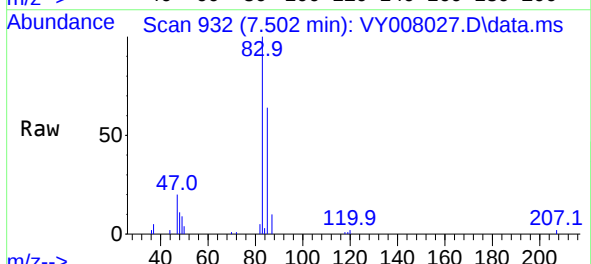
Tgt Ion: 42 Resp: 9584
Ion Ratio Lower Upper
42 100
72 54.8 30.3 45.5
71 51.5 29.0 43.4

Manual Integrations
APPROVED

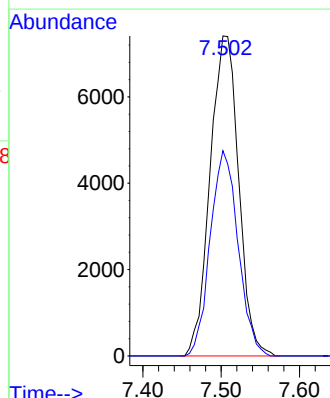
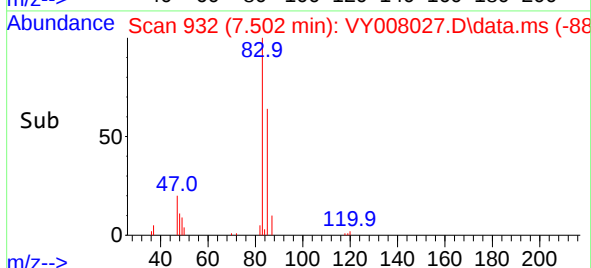
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

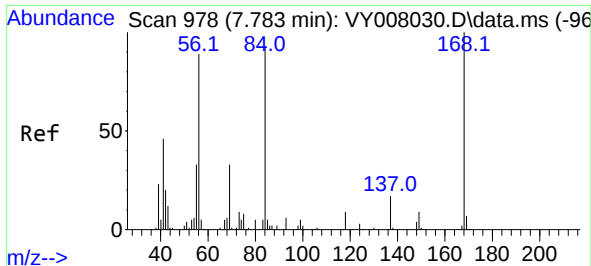


#30
Chloroform
Concen: 4.133 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



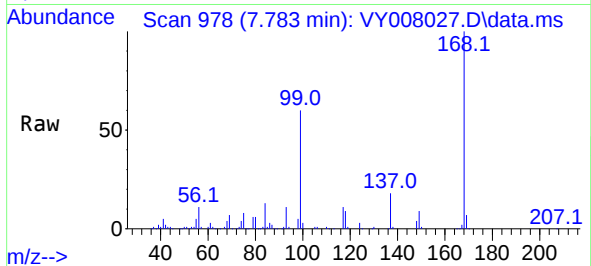
Tgt Ion: 83 Resp: 18798
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6





#31
Cyclohexane
Concen: 4.585 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

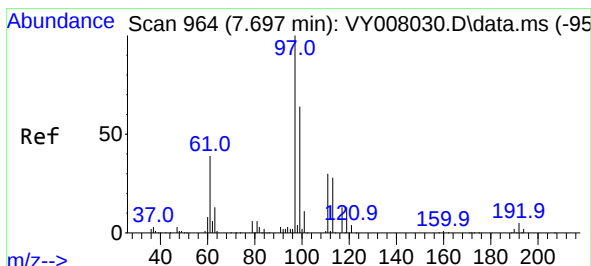
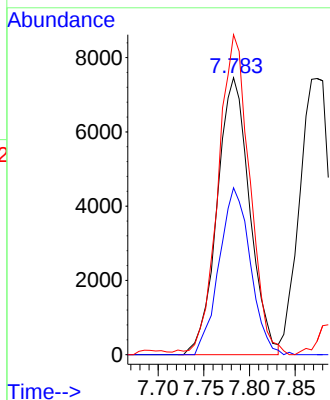
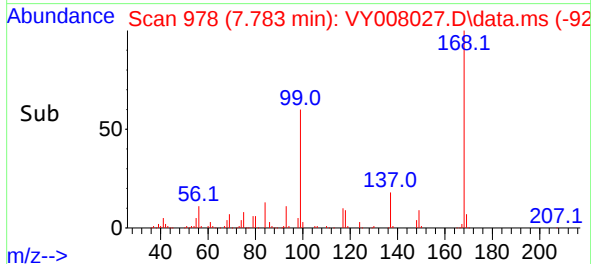
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



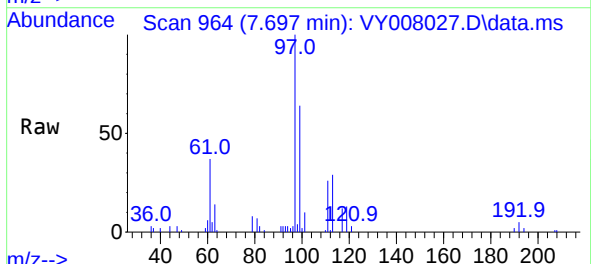
Tgt Ion: 56 Resp: 18460
Ion Ratio Lower Upper
56 100
69 60.2 26.7 40.1
84 113.8 67.2 100.8

Manual Integrations
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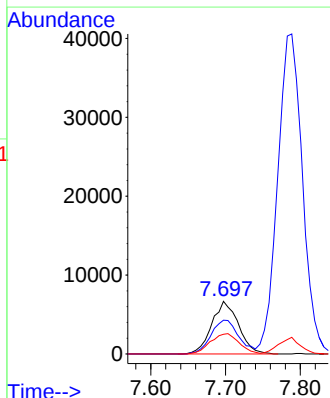
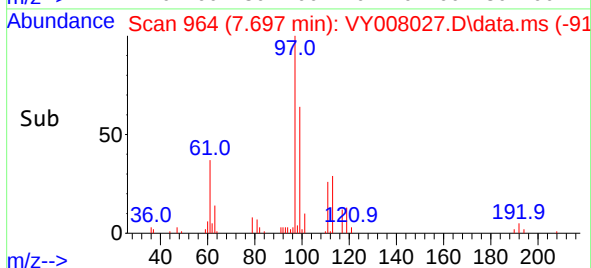
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

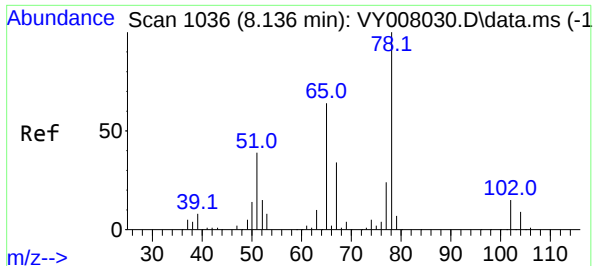


#32
1,1,1-Trichloroethane
Concen: 4.243 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion: 97 Resp: 16564
Ion Ratio Lower Upper
97 100
99 67.2 50.7 76.1
61 41.6 37.6 56.4





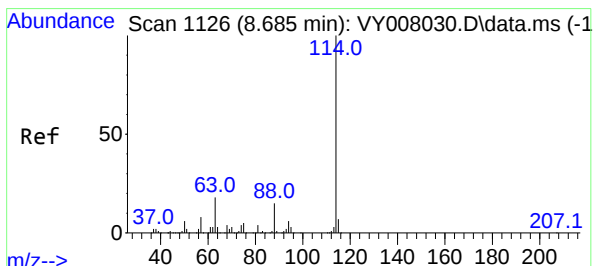
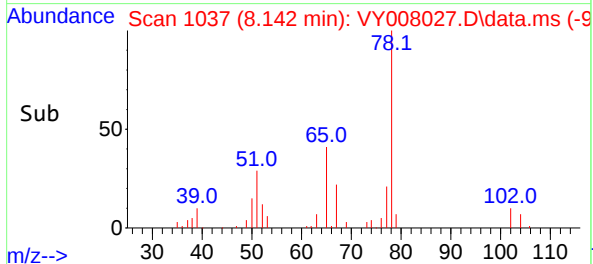
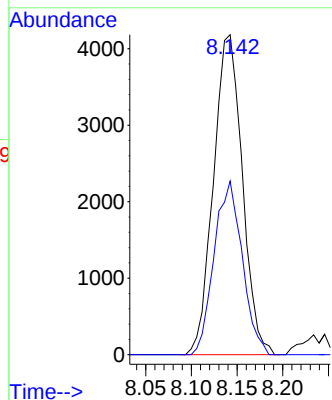
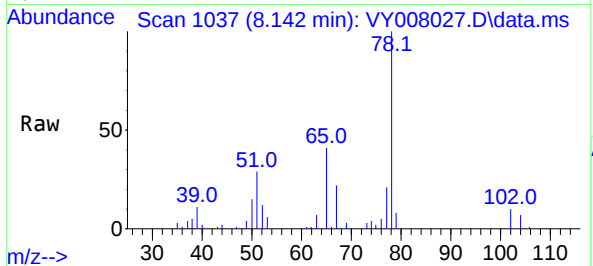
#33
1,2-Dichloroethane-d4
Concen: 4.178 ug/l
RT: 8.142 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 9194
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4

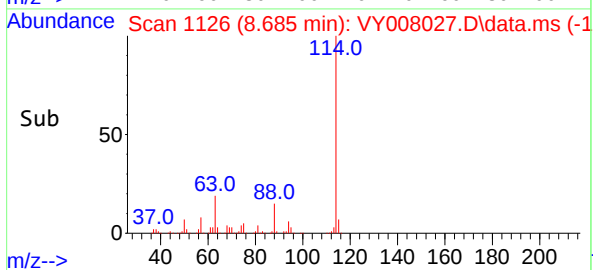
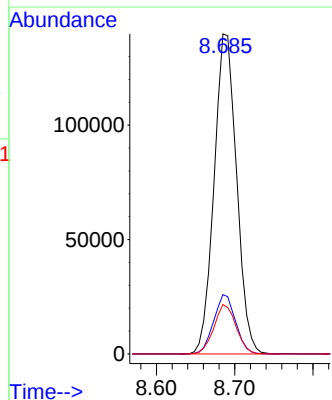
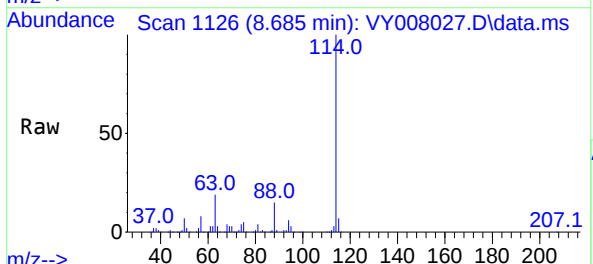
Manual Integrations
APPROVED

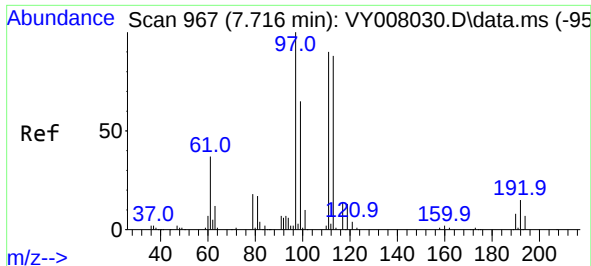
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:114 Resp: 279548
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 15.5 0.0 31.8





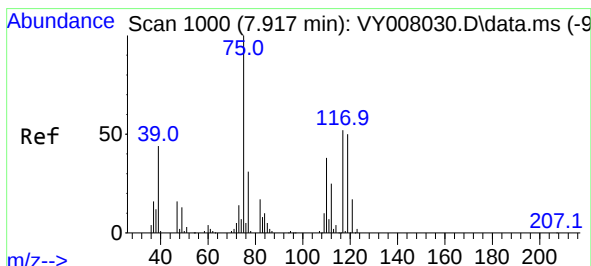
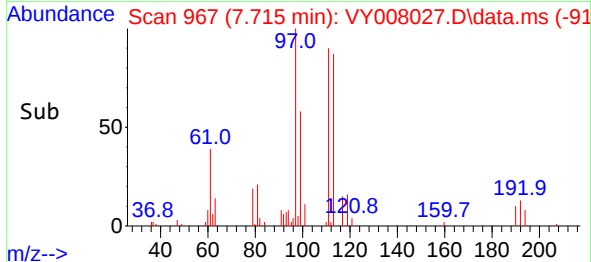
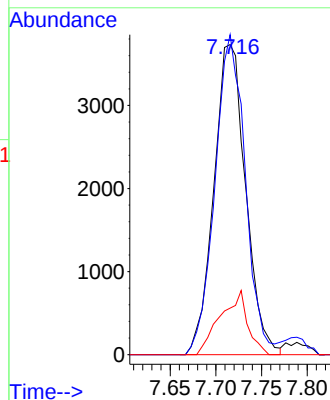
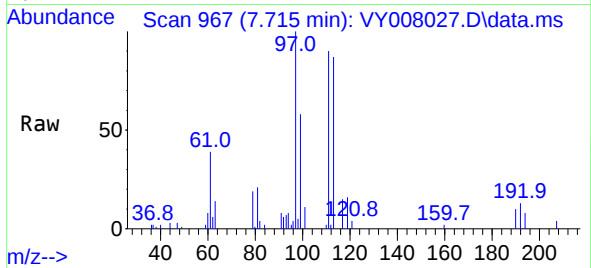
#35
Dibromofluoromethane
Concen: 4.837 ug/l
RT: 7.715 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:113 Resp: 904
Ion Ratio Lower Upper
113 100
111 98.1 82.6 124.0
192 17.6 17.6 26.4

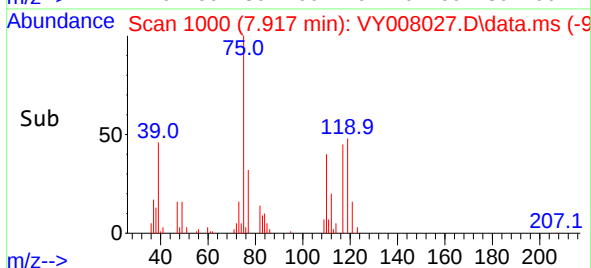
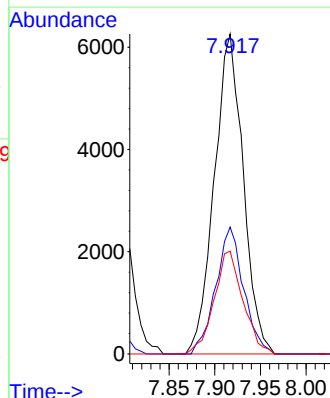
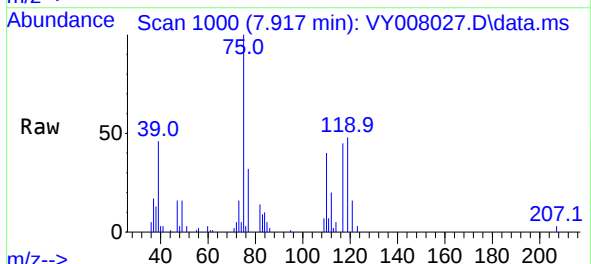
Manual Integrations
APPROVED

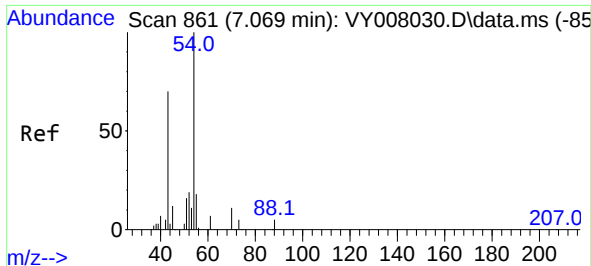
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#36
1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

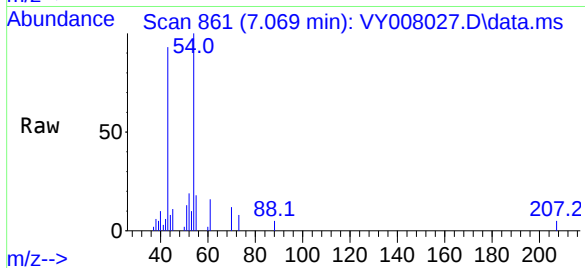
Tgt Ion: 75 Resp: 13774
Ion Ratio Lower Upper
75 100
110 38.2 17.1 51.2
77 32.0 24.4 36.6





#37
Ethyl Acetate
Concen: 3.017 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

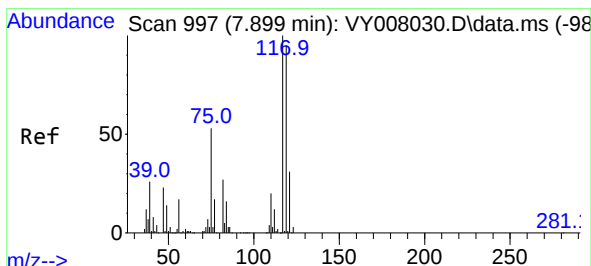
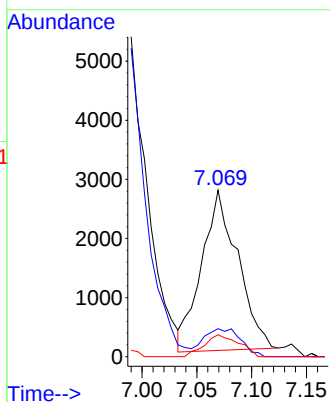
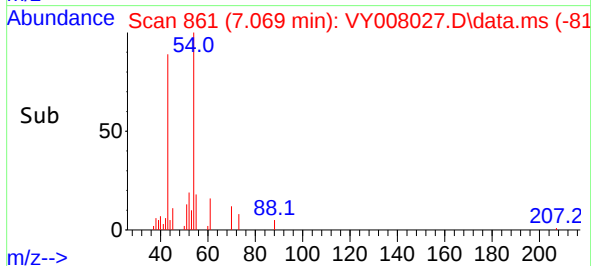
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



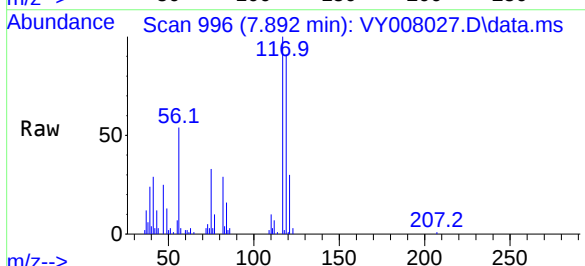
Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
61 17.9 9.7 14.5
70 13.1 7.1 10.7

Manual Integrations
APPROVED

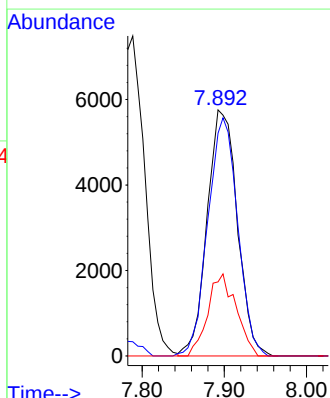
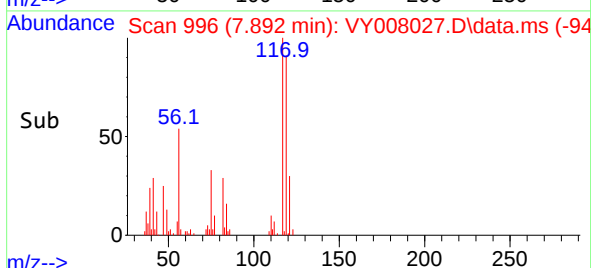
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

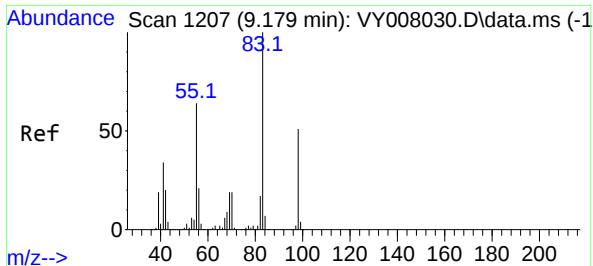


#38
Carbon Tetrachloride
Concen: 4.578 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion:117 Resp: 14696
Ion Ratio Lower Upper
117 100
119 90.5 77.9 116.9
121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 4.615 ug/l

RT: 9.185 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

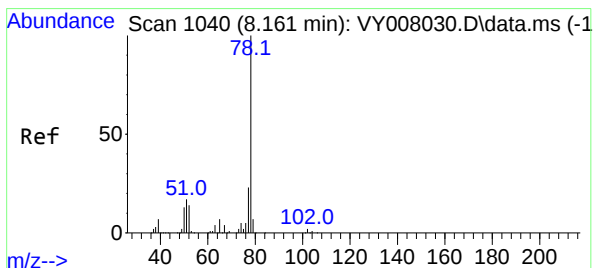
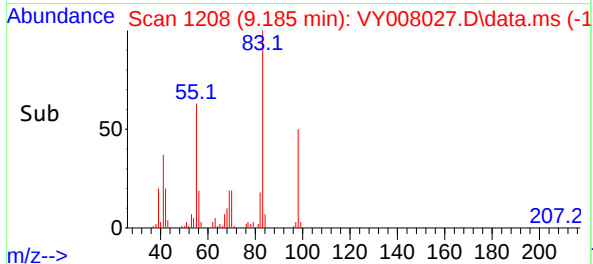
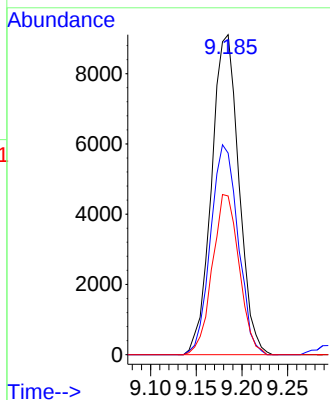
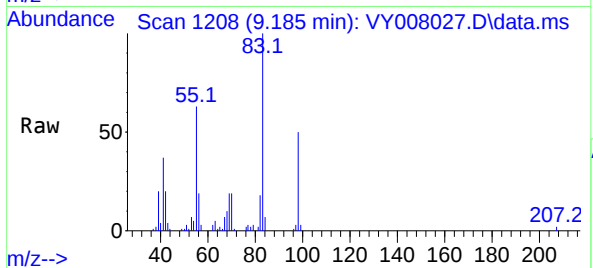
Tgt Ion:	83	Resp:	1899
Ion Ratio	Lower	Upper	
83	100		
55	63.0	66.5	99.7
98	49.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 4.407 ug/l

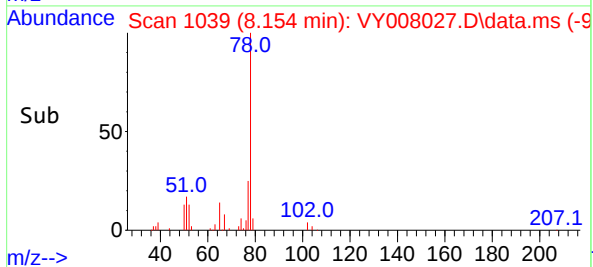
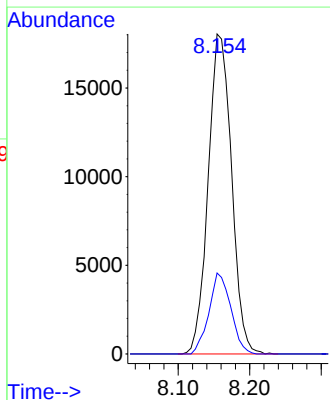
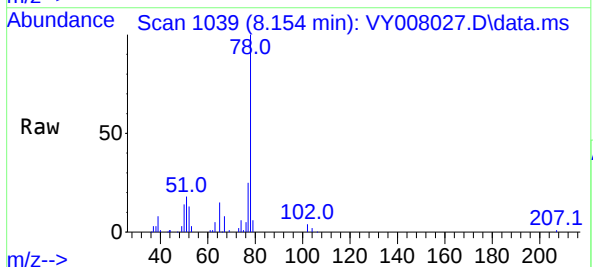
RT: 8.154 min Scan# 1039

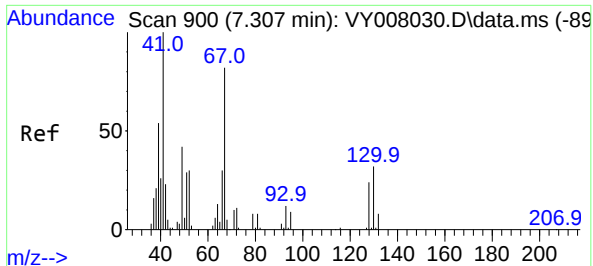
Delta R.T. -0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

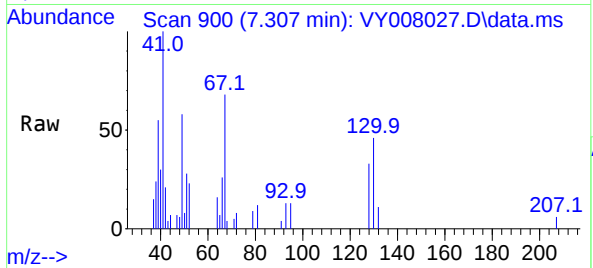
Tgt Ion:	78	Resp:	40928
Ion Ratio	Lower	Upper	
78	100		
77	25.3	20.4	30.6





#41
Methacrylonitrile
Concen: 1.542 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

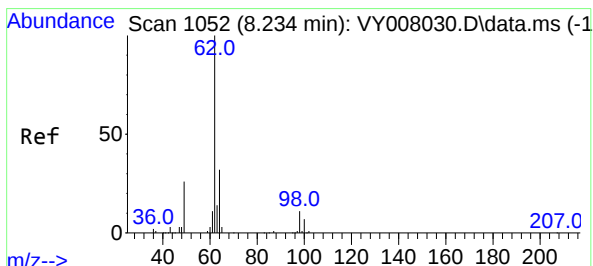
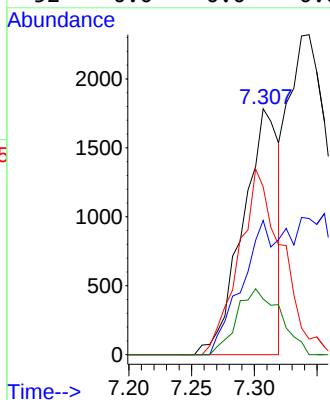
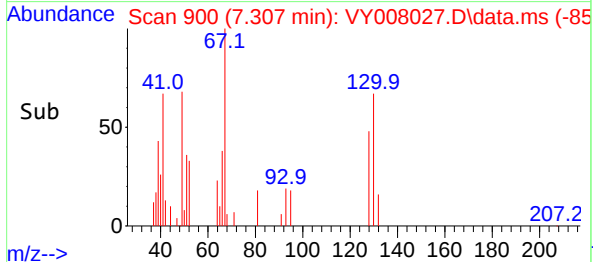
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



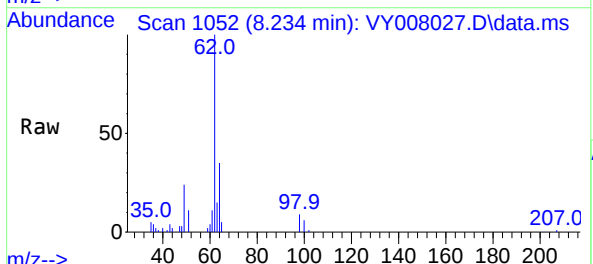
Tgt Ion: 41 Resp: 3548
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

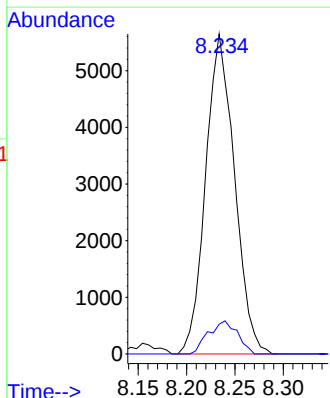
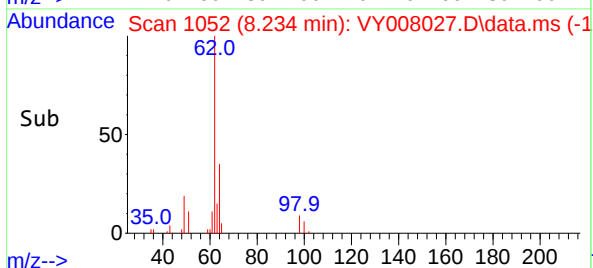
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

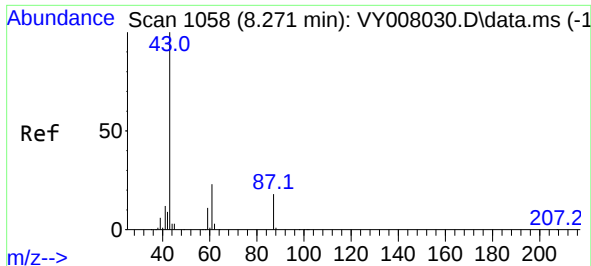


#42
1,2-Dichloroethane
Concen: 4.091 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion: 62 Resp: 11717
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 3.388 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

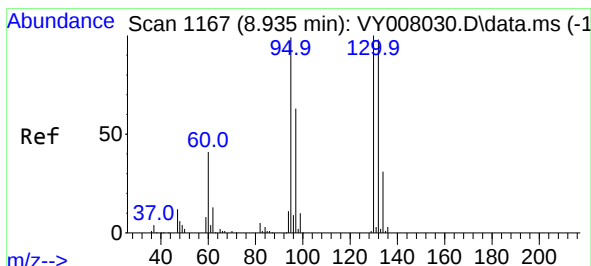
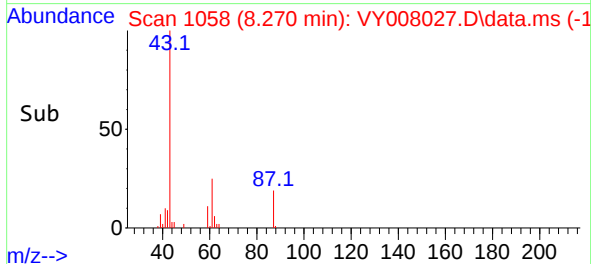
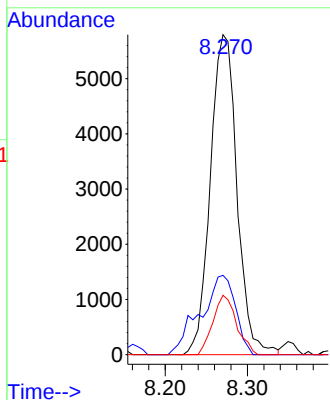
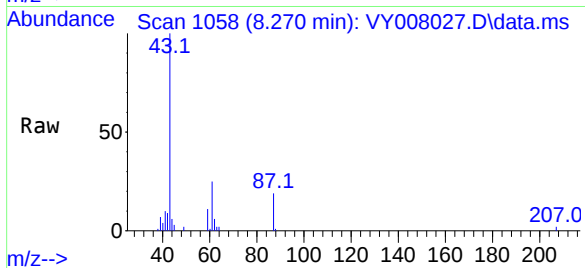
Tgt Ion: 43	Resp: 13070
Ion Ratio	Lower Upper
43 100	
61 32.6	20.2 30.2
87 16.4	8.9 13.3

Manual Integrations

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Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#44

Trichloroethene

Concen: 4.625 ug/l

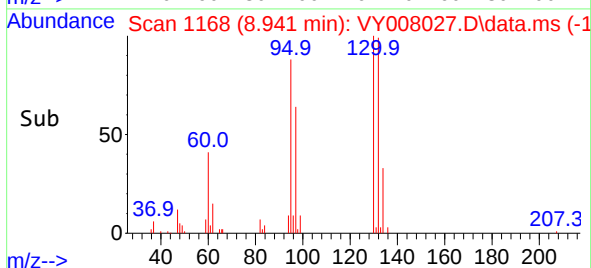
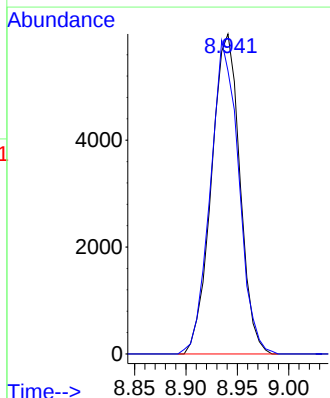
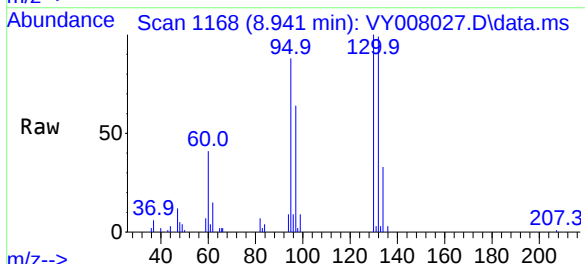
RT: 8.941 min Scan# 1168

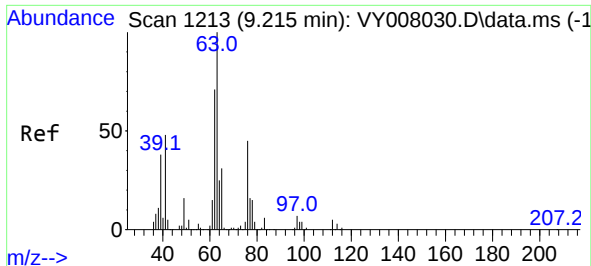
Delta R.T. 0.006 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Tgt Ion:130	Resp: 11502
Ion Ratio	Lower Upper
130 100	
95 88.5	0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.157 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 985

Ion Ratio Lower Upper

63 100

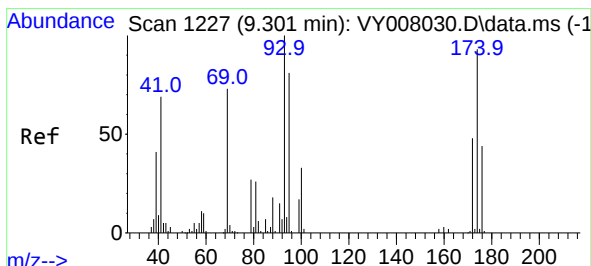
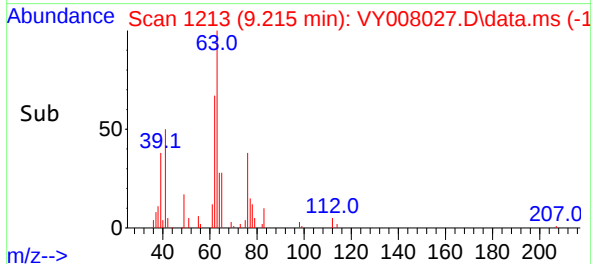
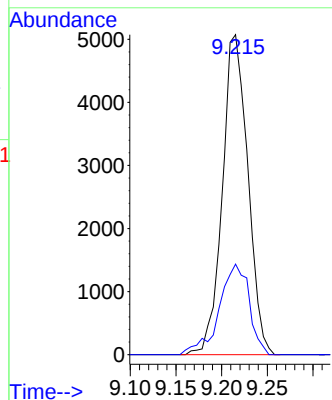
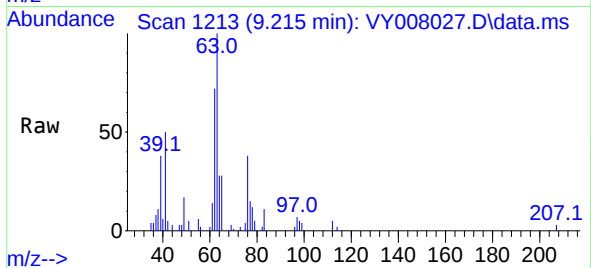
65 28.3 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 4.145 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

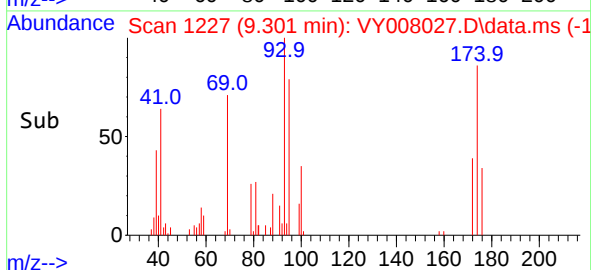
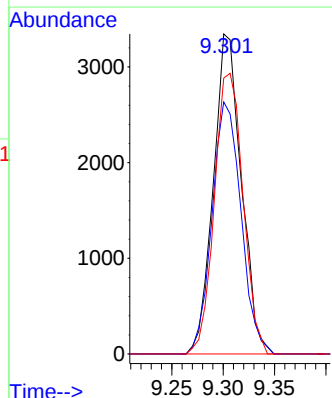
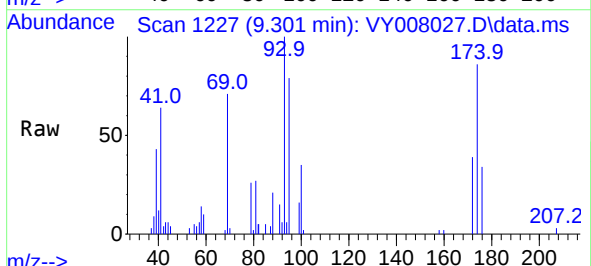
Tgt Ion: 93 Resp: 6327

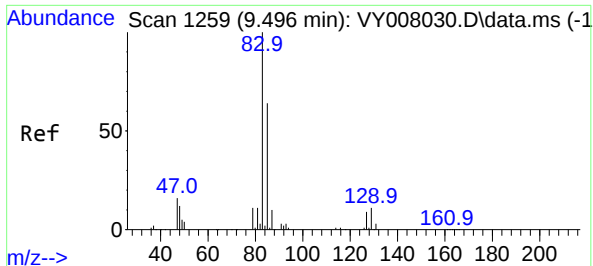
Ion Ratio Lower Upper

93 100

95 81.7 64.3 96.5

174 89.9 83.4 125.0





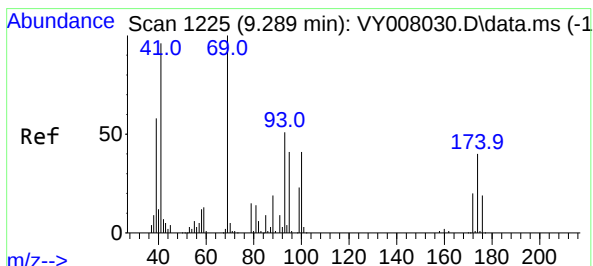
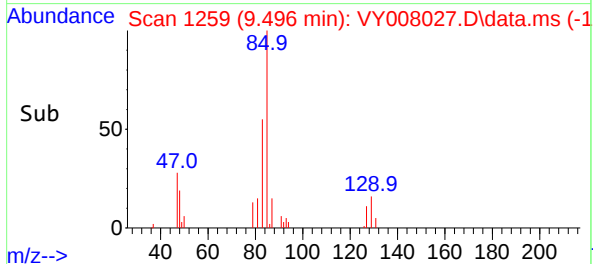
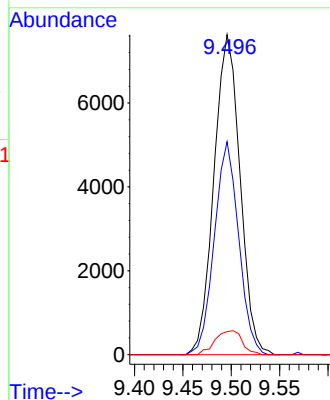
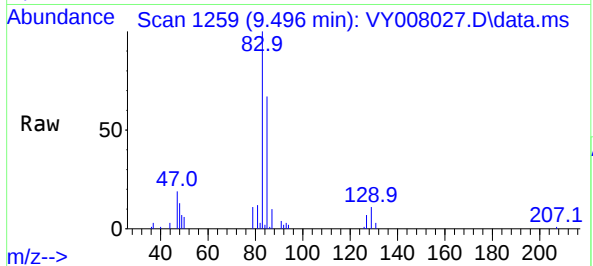
#47
Bromodichloromethane
Concen: 4.239 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 14289
Ion Ratio Lower Upper
83 100
85 66.5 51.9 77.9
127 7.2 6.6 10.0

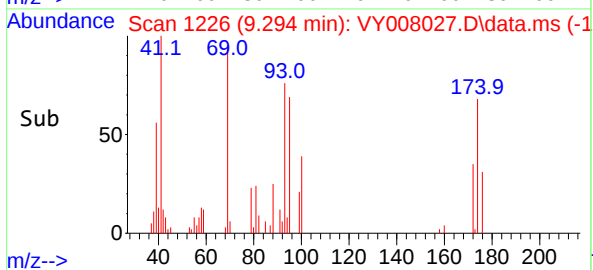
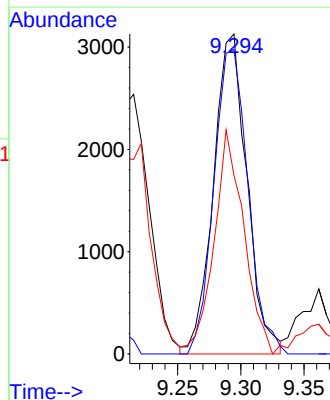
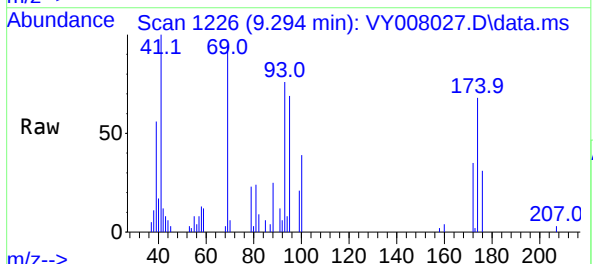
Manual Integrations
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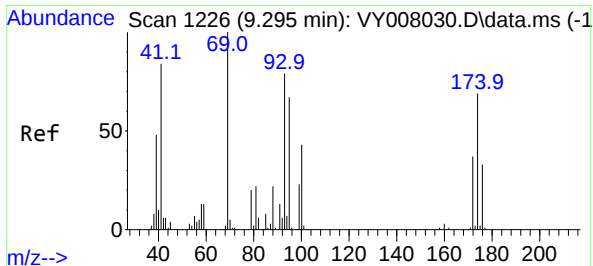
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#48
Methyl methacrylate
Concen: 3.438 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

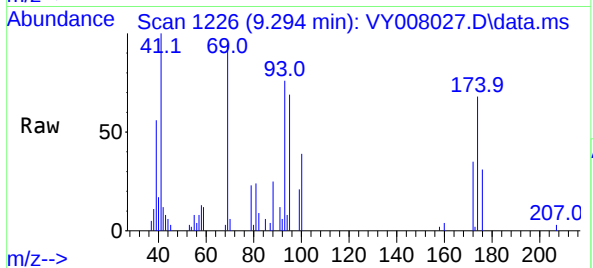
Tgt Ion: 41 Resp: 5756
Ion Ratio Lower Upper
41 100
69 97.0 58.2 87.2#
39 59.3 47.4 71.0





#49
1,4-Dioxane
Concen: 72.132 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

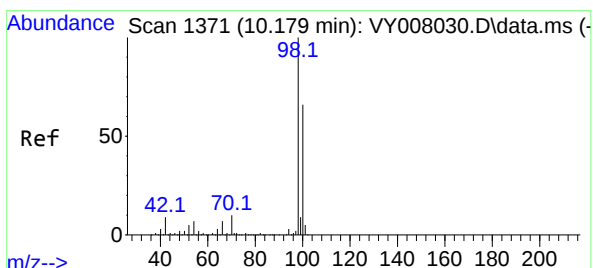
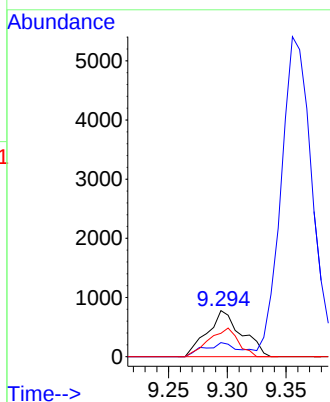
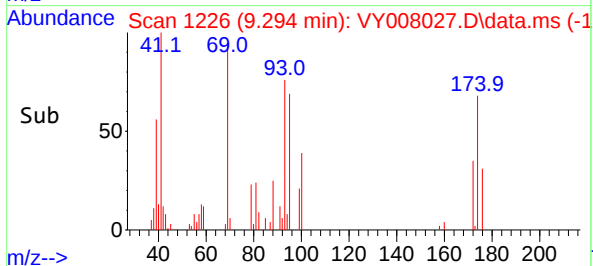
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 158
Ion Ratio Lower Upper
88 100
43 27.8 32.8 49.2
58 53.2 59.8 89.6

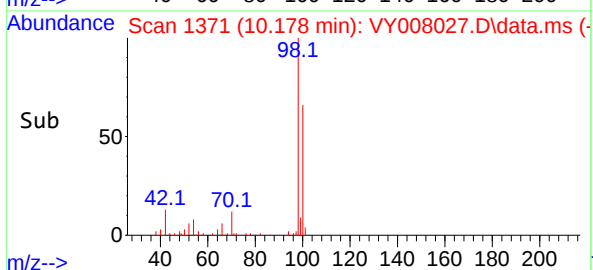
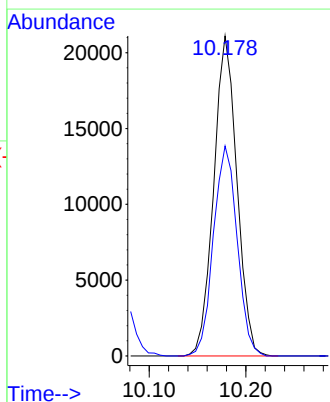
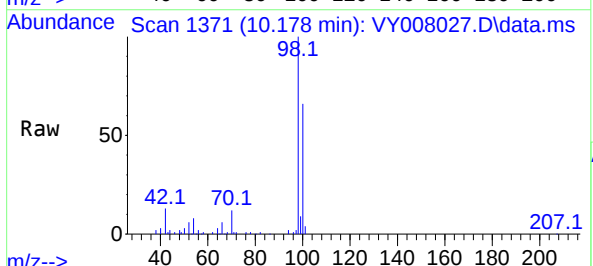
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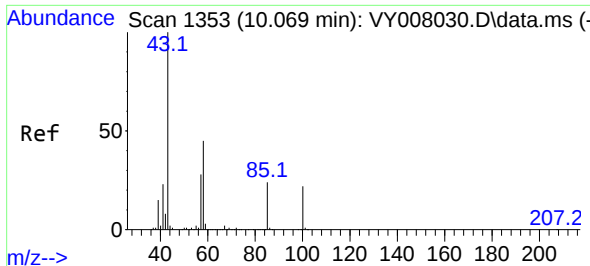
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
Toluene-d8
Concen: 5.178 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 98 Resp: 35144
Ion Ratio Lower Upper
98 100
100 67.1 50.2 75.2





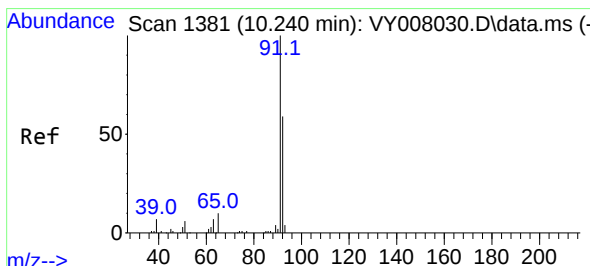
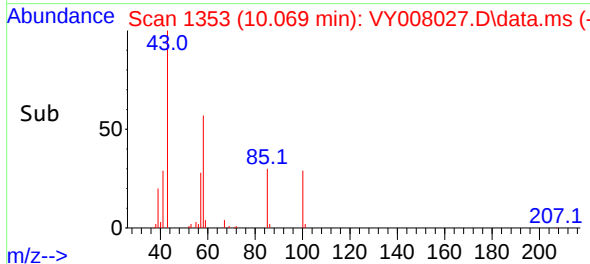
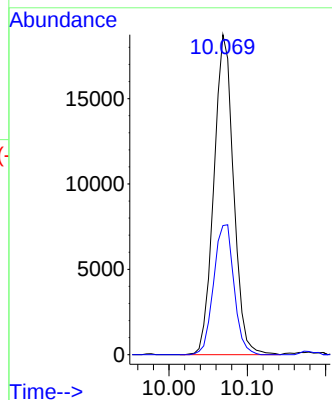
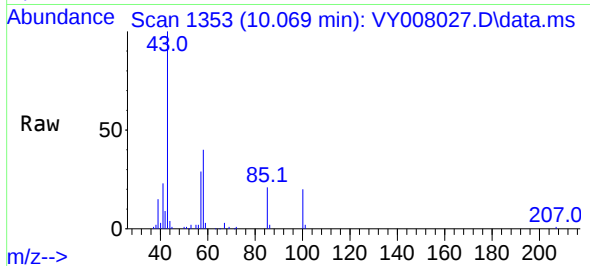
#51
4-Methyl-2-Pentanone
Concen: 16.605 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 42.1 28.1 42.1

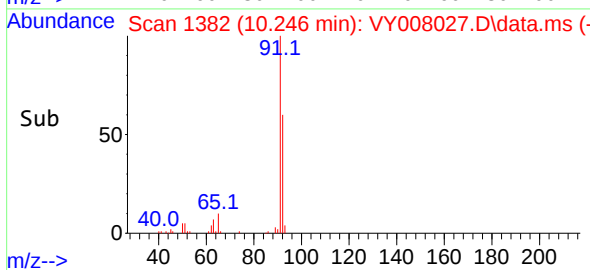
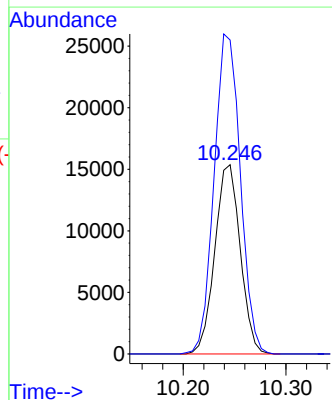
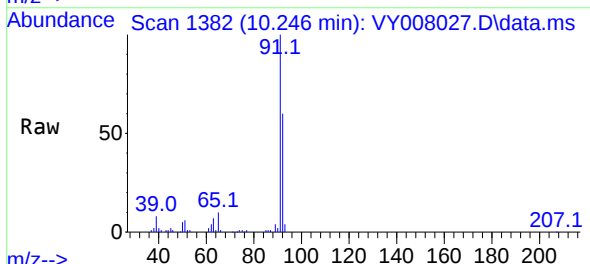
Manual Integrations
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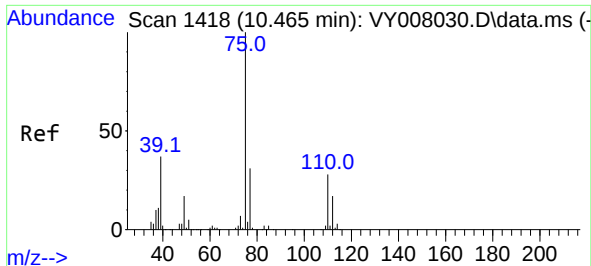
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 4.465 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 92 Resp: 26391
Ion Ratio Lower Upper
92 100
91 174.4 142.6 213.8





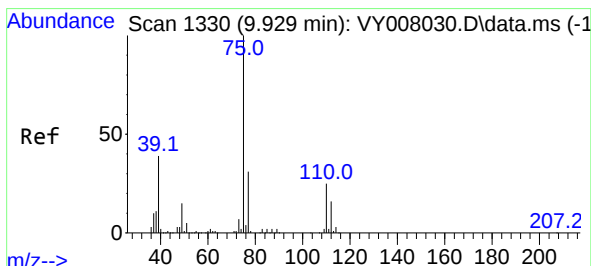
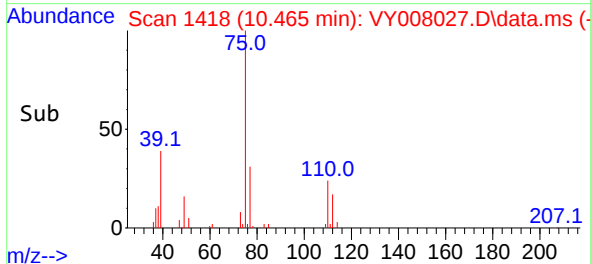
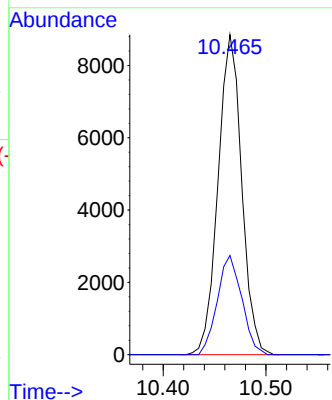
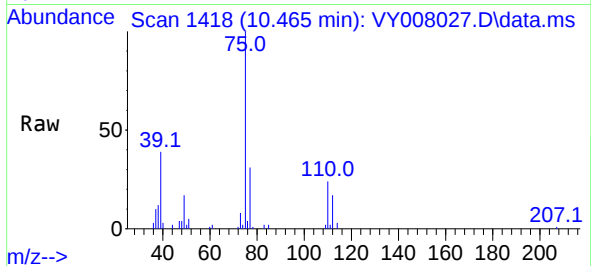
#53
t-1,3-Dichloropropene
Concen: 3.896 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1411
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

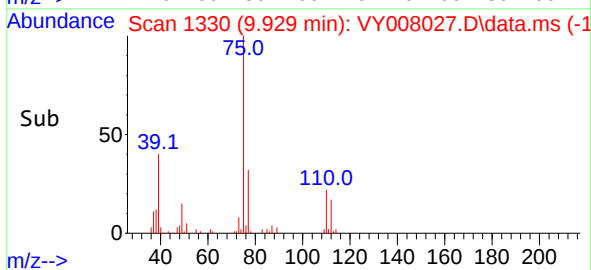
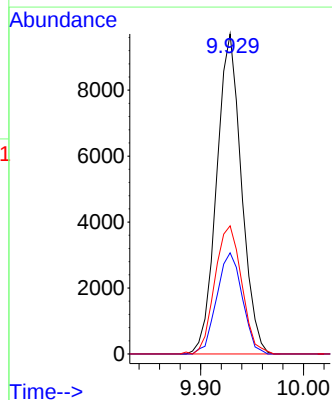
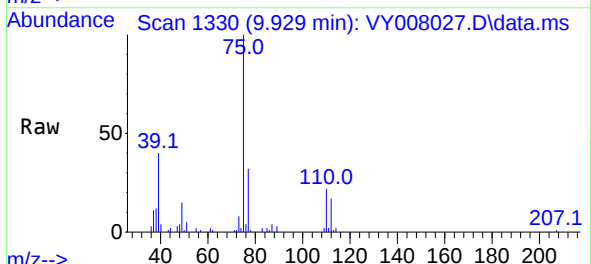
Manual Integrations
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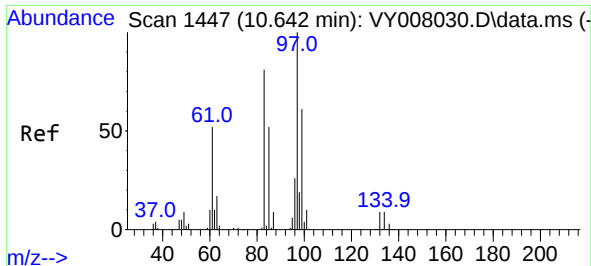
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#54
cis-1,3-Dichloropropene
Concen: 4.022 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

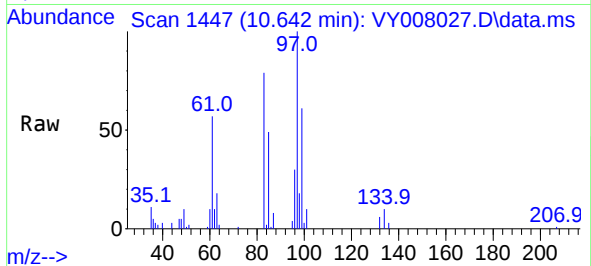
Tgt Ion: 75 Resp: 16252
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 40.1 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 4.154 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

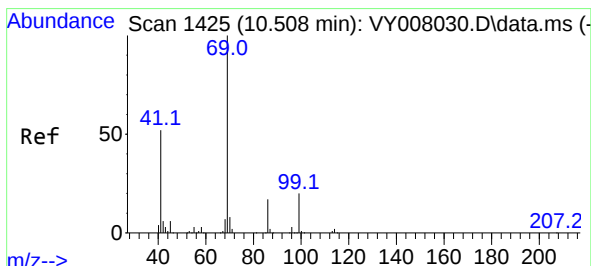
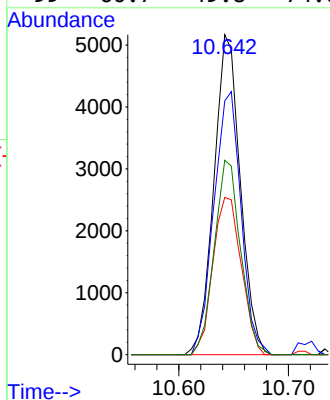
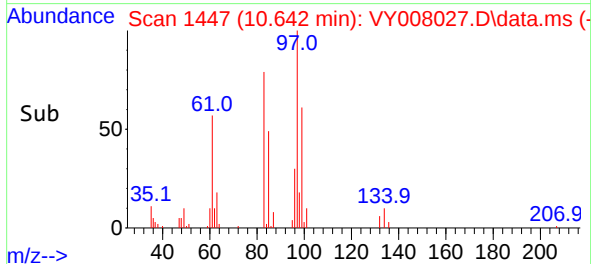


Tgt Ion: 97 Resp: 8650

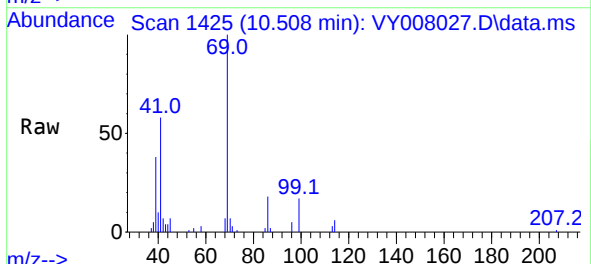
Ion	Ratio	Lower	Upper
97	100		
83	79.3	69.8	104.8
85	49.2	44.3	66.5
99	60.7	49.8	74.6

Manual Integrations
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Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

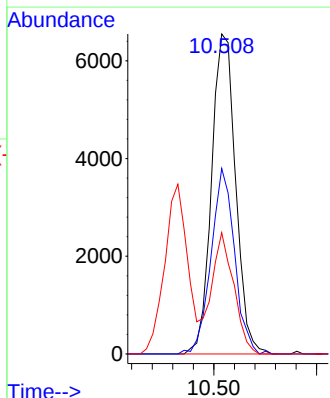
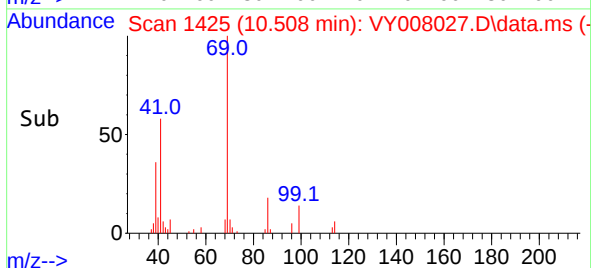


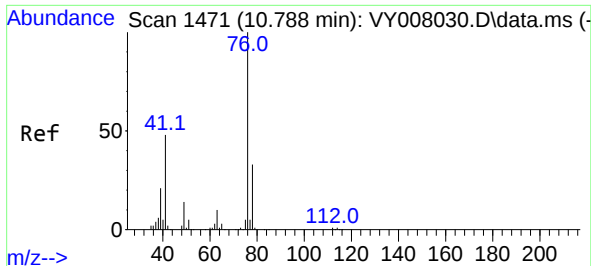
#56
Ethyl methacrylate
Concen: 3.569 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion: 69 Resp: 10625

Ion	Ratio	Lower	Upper
69	100		
41	56.7	63.4	95.0#
39	36.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 4.018 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 14260

Ion Ratio Lower Upper

76 100

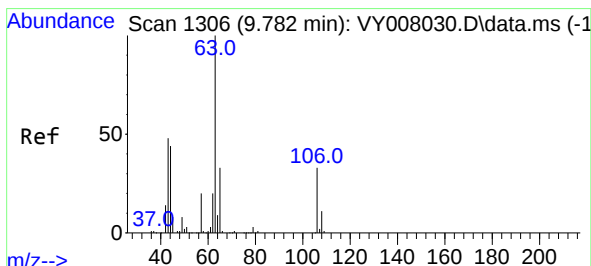
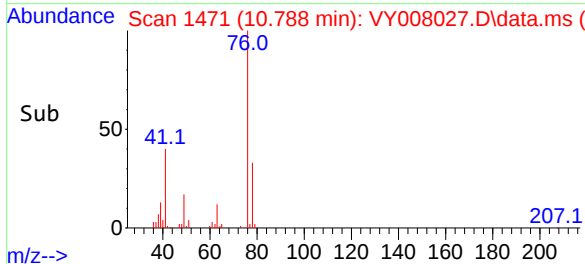
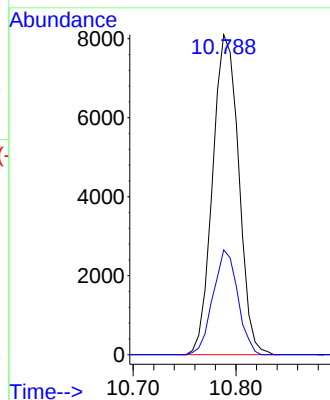
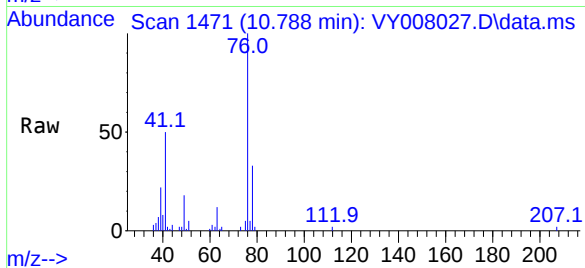
78 31.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 21.385 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008027.D

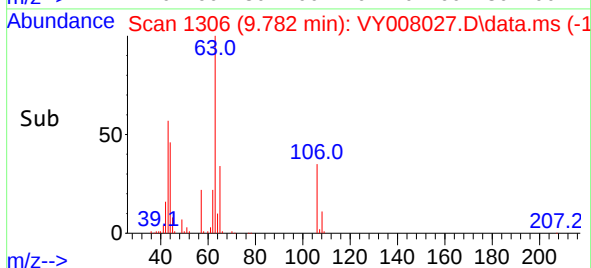
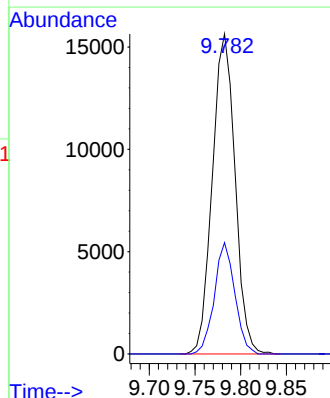
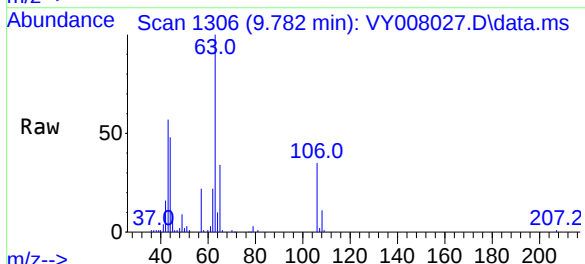
Acq: 25 Mar 2022 15:48

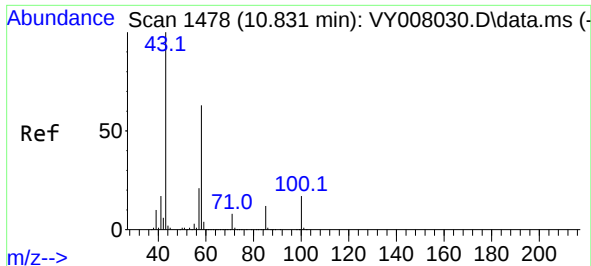
Tgt Ion: 63 Resp: 26996

Ion Ratio Lower Upper

63 100

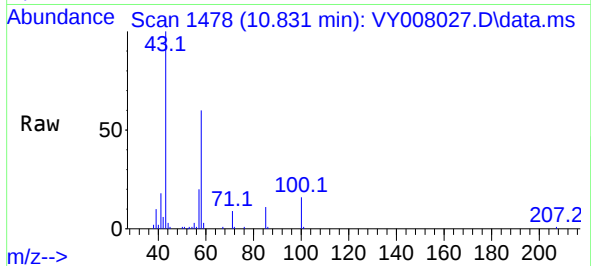
106 31.4 21.5 32.3





#59
2-Hexanone
Concen: 16.353 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

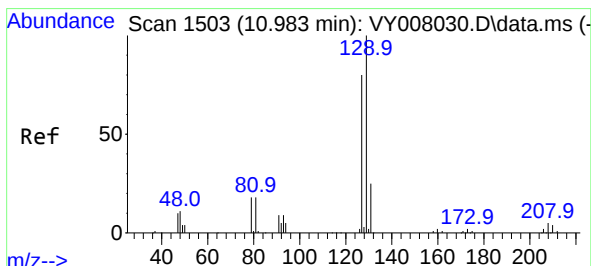
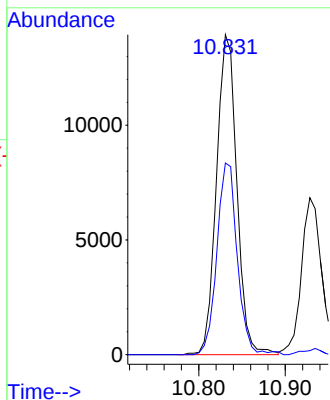
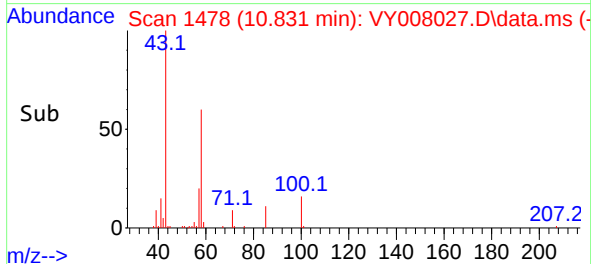
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



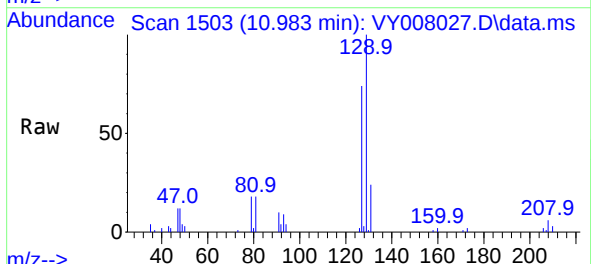
Tgt Ion: 43 Resp: 22769
Ion Ratio Lower Upper
43 100
58 60.0 24.4 73.4

Manual Integrations
APPROVED

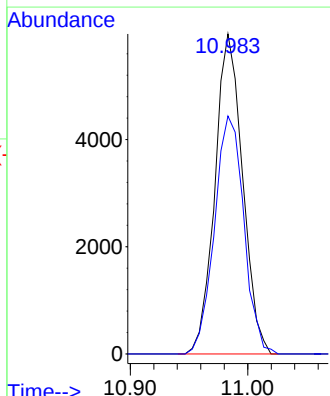
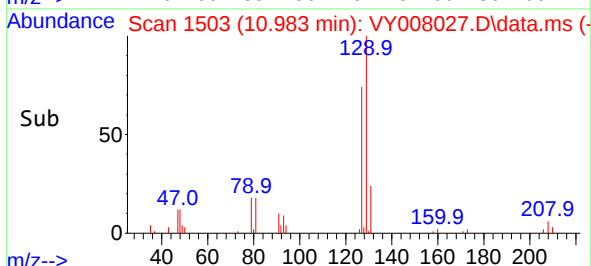
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

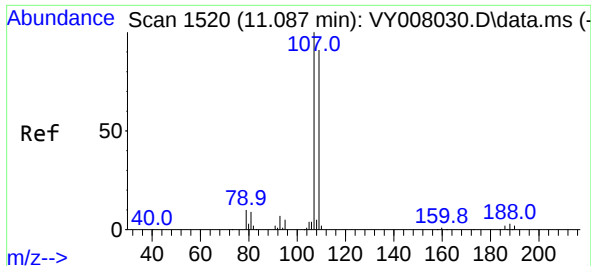


#60
Dibromochloromethane
Concen: 4.079 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



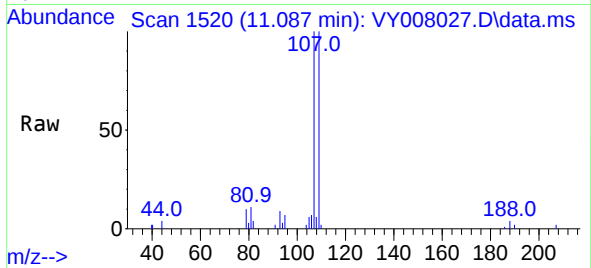
Tgt Ion:129 Resp: 9776
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 3.917 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

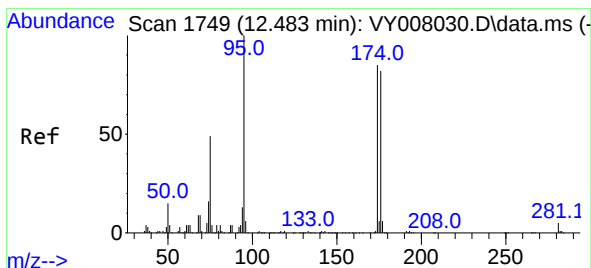
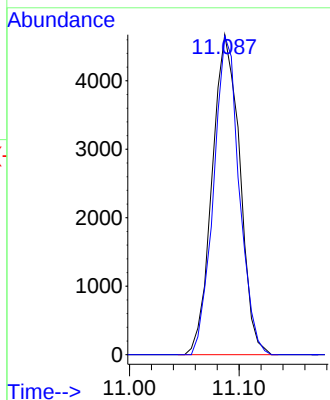
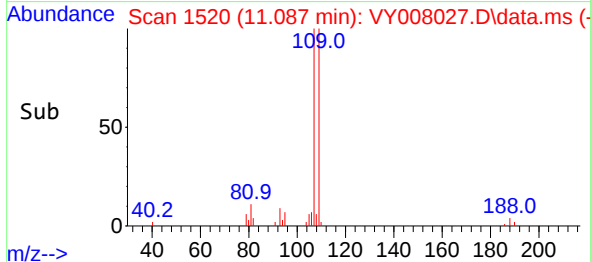
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



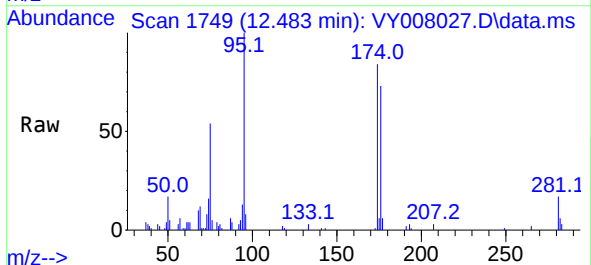
Tgt Ion:107 Resp: 8179
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.2

Manual Integrations
APPROVED

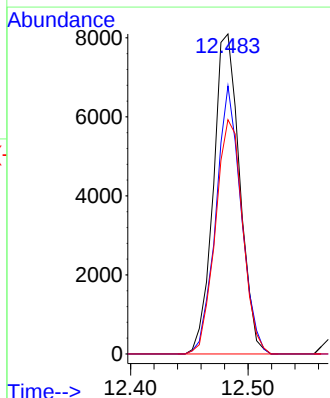
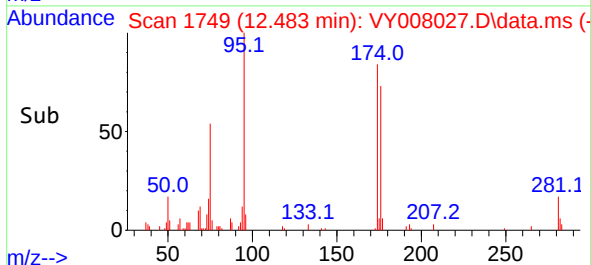
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

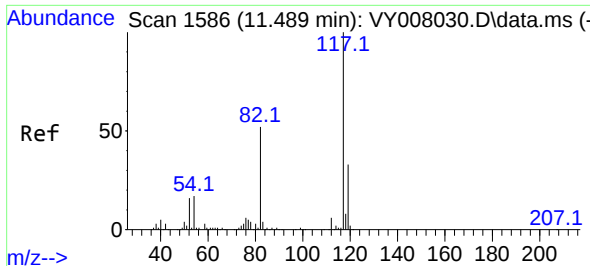


#62
4-Bromofluorobenzene
Concen: 4.916 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



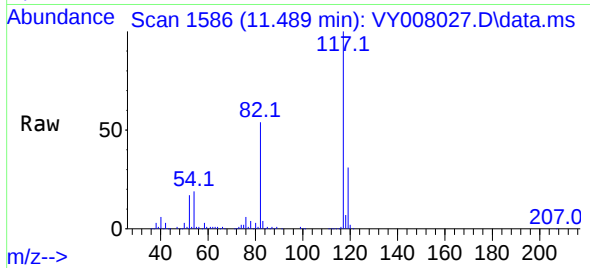
Tgt Ion: 95 Resp: 12640
Ion Ratio Lower Upper
95 100
174 79.8 0.0 177.0
176 75.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

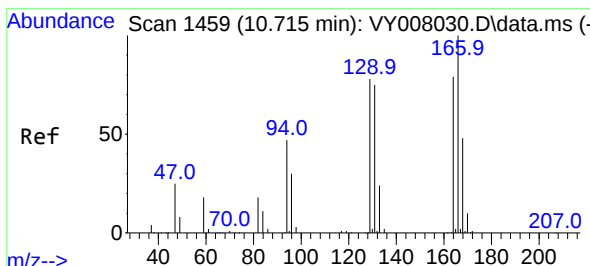
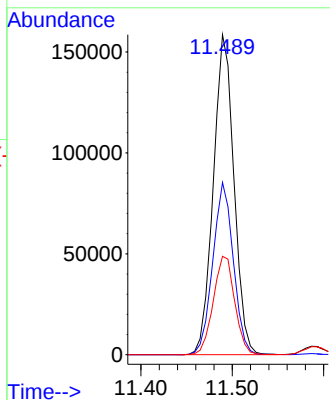
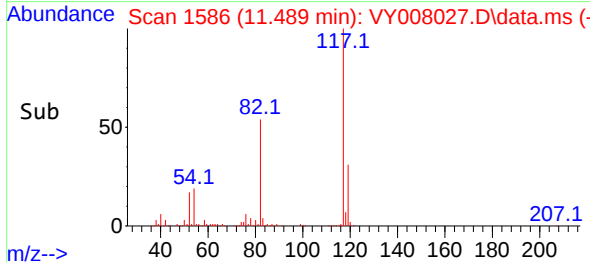
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



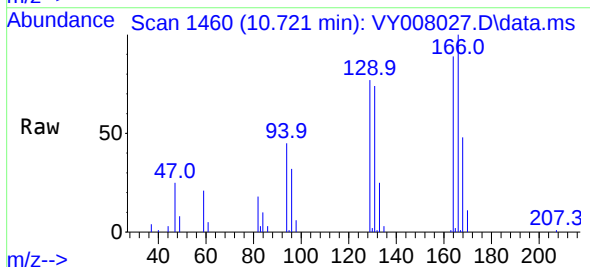
Tgt Ion:117 Resp: 24895
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 30.8 25.4 38.0

Manual Integrations
APPROVED

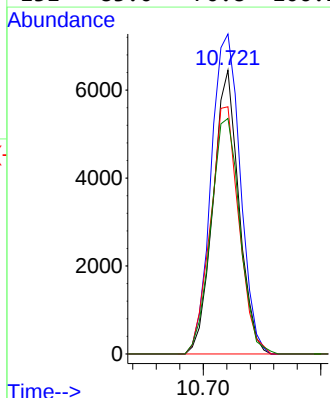
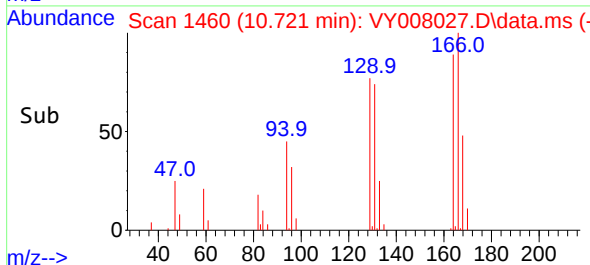
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

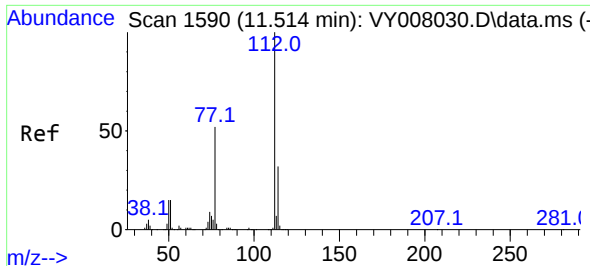


#64
Tetrachloroethene
Concen: 5.171 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



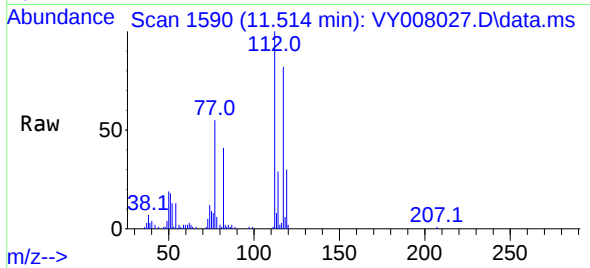
Tgt Ion:164 Resp: 9869
Ion Ratio Lower Upper
164 100
166 112.8 100.4 150.6
129 87.2 71.4 107.0
131 83.0 70.8 106.2





#65
Chlorobenzene
Concen: 4.662 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

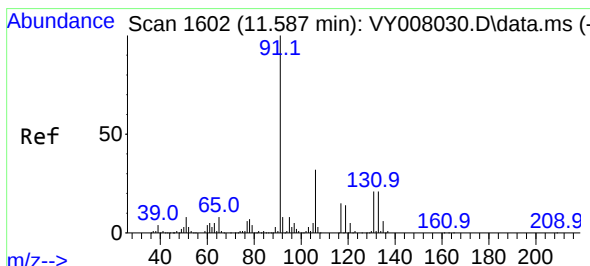
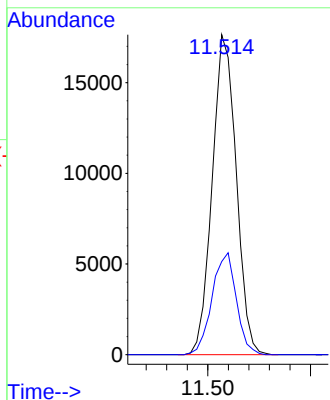
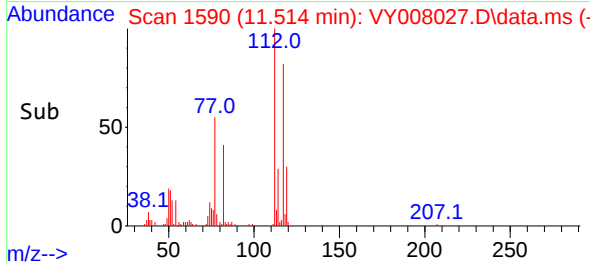
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



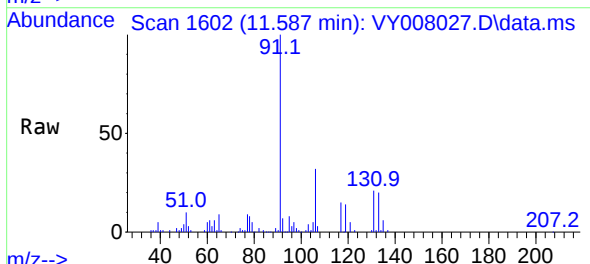
Tgt Ion:112 Resp: 2856
Ion Ratio Lower Upper
112 100
114 29.1 25.8 38.6

Manual Integrations
APPROVED

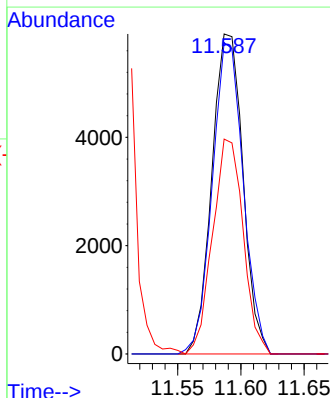
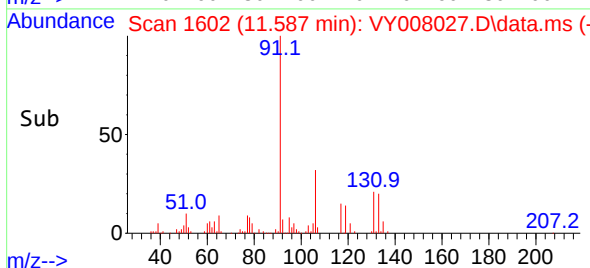
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

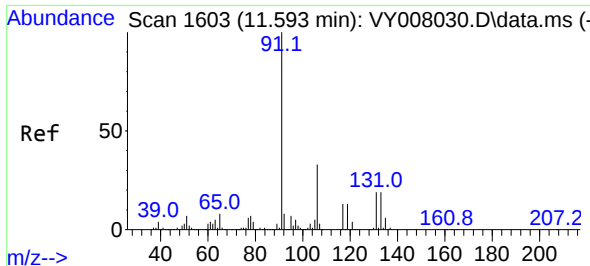


#66
1,1,1,2-Tetrachloroethane
Concen: 4.517 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion:131 Resp: 10054
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.6
119 66.2 30.8 92.3





#67

Ethyl Benzene

Concen: 4.727 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 5068

Ion Ratio Lower Upper

91 100

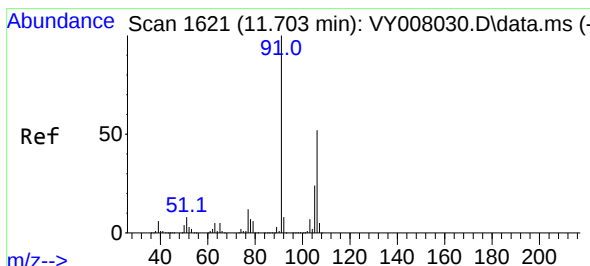
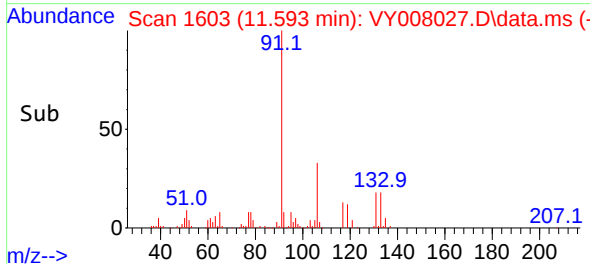
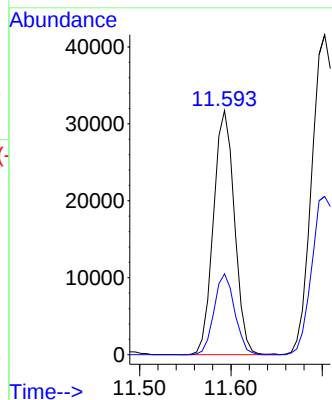
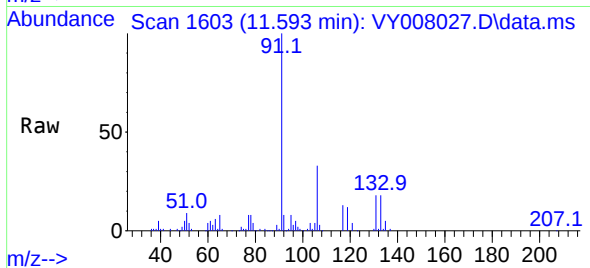
106 33.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#68

m/p-Xylenes

Concen: 9.353 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008027.D

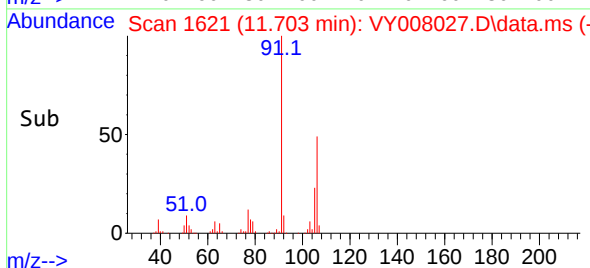
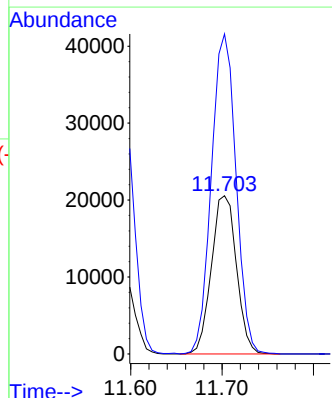
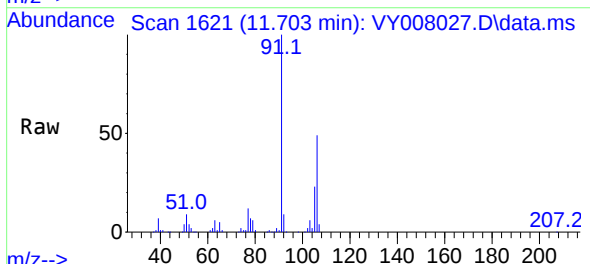
Acq: 25 Mar 2022 15:48

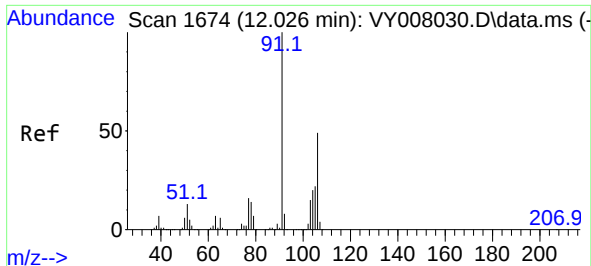
Tgt Ion:106 Resp: 39135

Ion Ratio Lower Upper

106 100

91 198.9 166.6 249.8





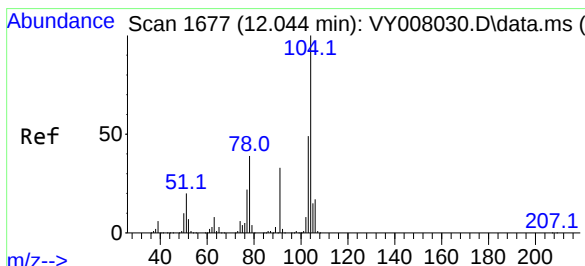
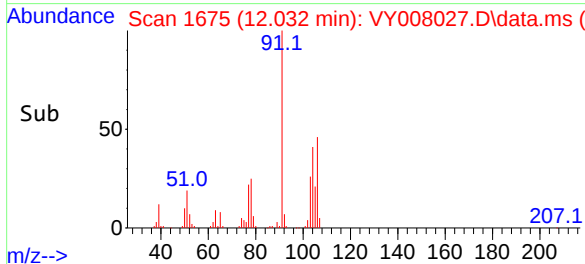
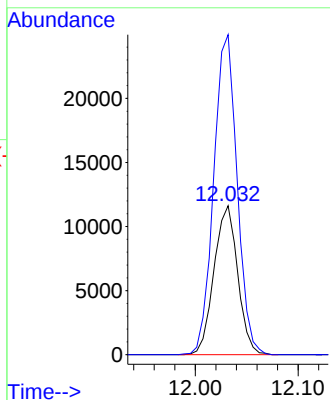
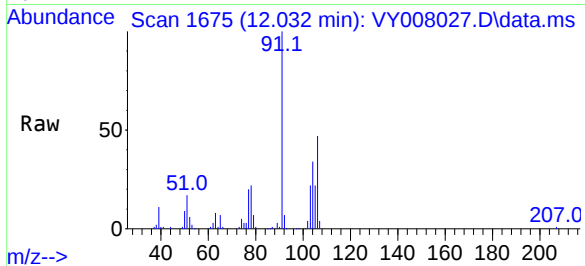
#69
o-Xylene
Concen: 4.606 ug/l
RT: 12.032 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1856
Ion Ratio Lower Upper
106 100
91 212.4 110.3 331.0

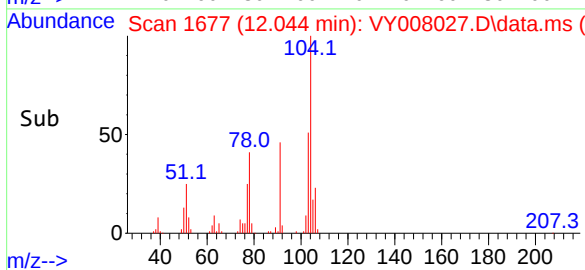
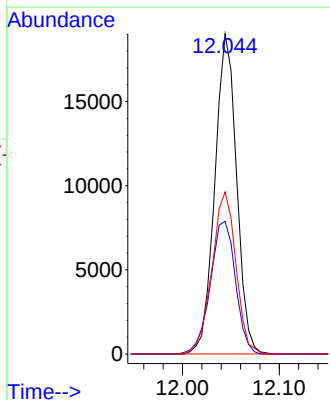
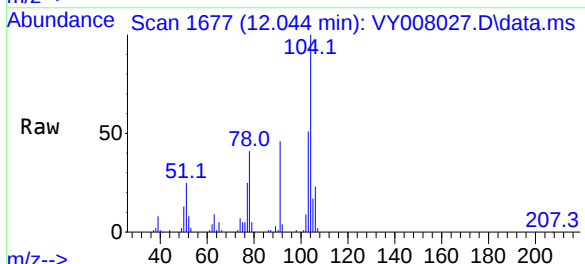
Manual Integrations
APPROVED

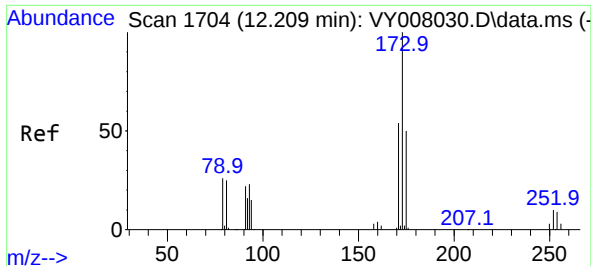
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 4.421 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

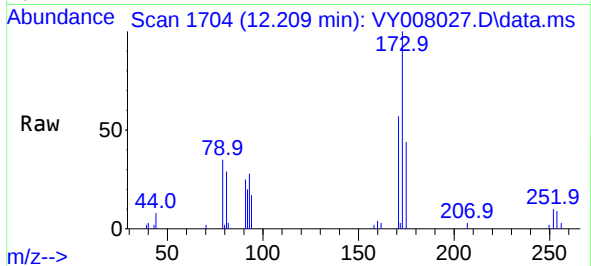
Tgt Ion:104 Resp: 29722
Ion Ratio Lower Upper
104 100
78 47.8 42.4 63.6
103 55.7 44.4 66.6





#71
Bromoform
Concen: 3.984 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

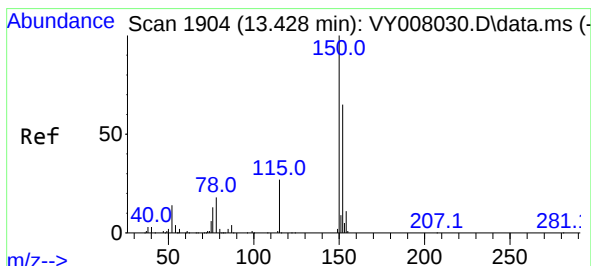
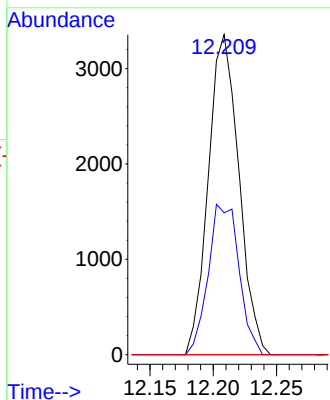
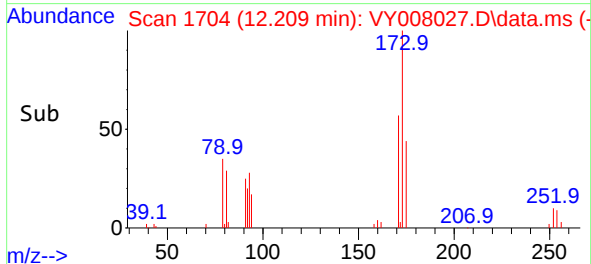
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



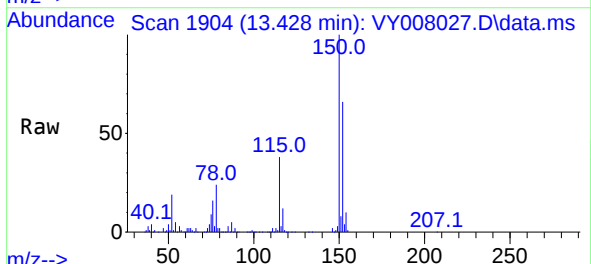
Tgt Ion:173 Resp: 564
Ion Ratio Lower Upper
173 100
175 47.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

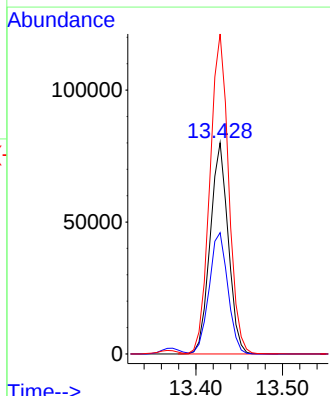
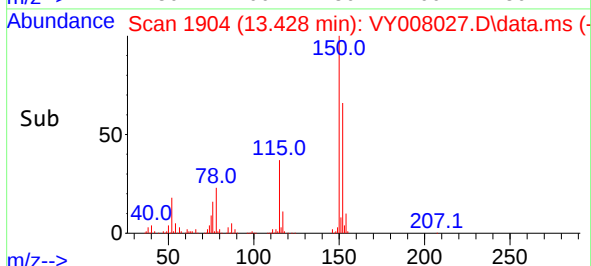
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

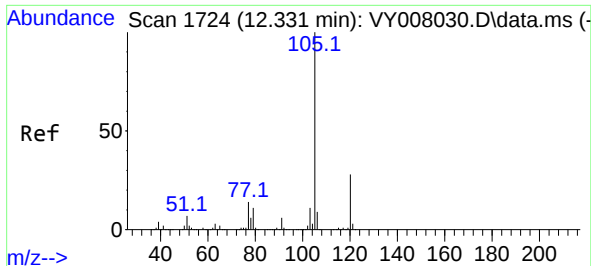


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion:152 Resp: 115715
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 157.8 0.0 347.6





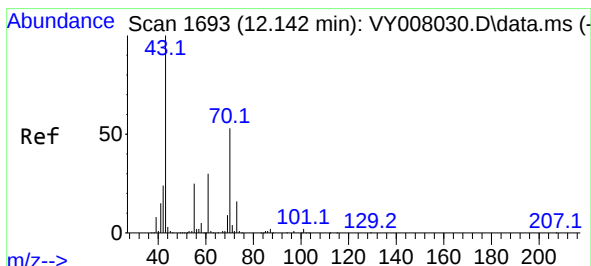
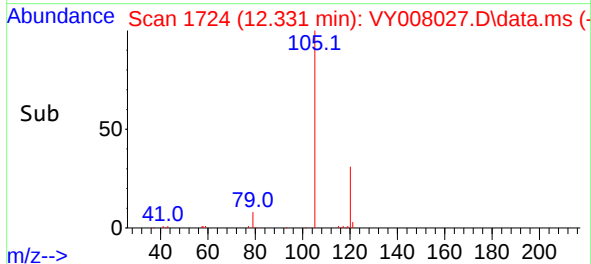
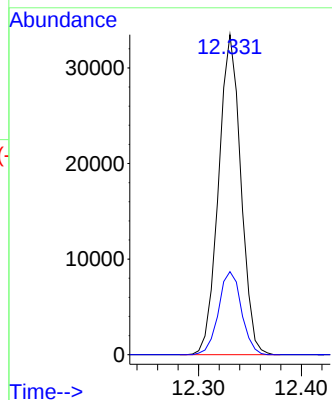
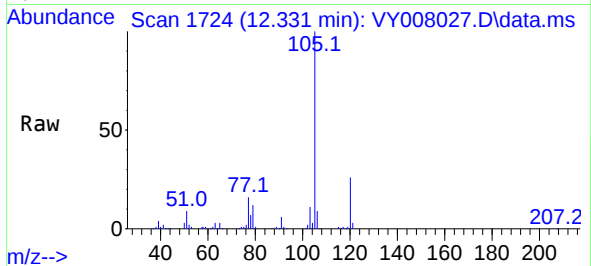
#73
Isopropylbenzene
Concen: 5.040 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 50368
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

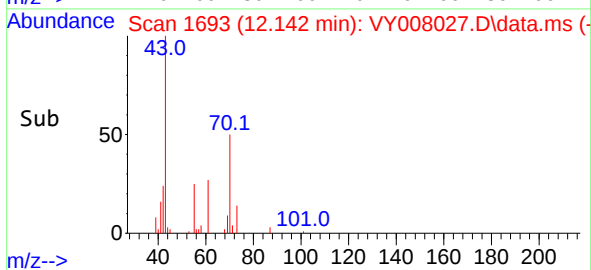
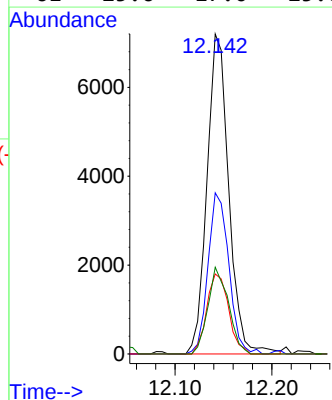
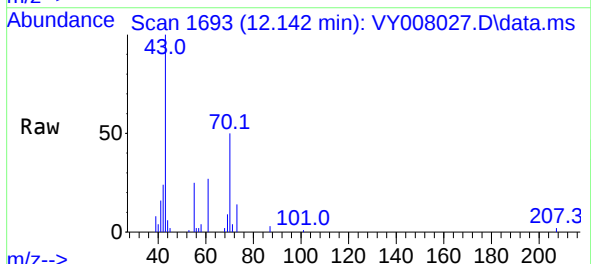
Manual Integrations
APPROVED

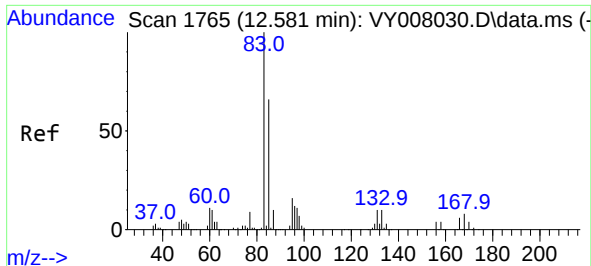
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 3.731 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 43 Resp: 11253
Ion Ratio Lower Upper
43 100
70 48.1 28.7 43.1#
55 25.1 17.3 25.9
61 25.6 17.0 25.6#





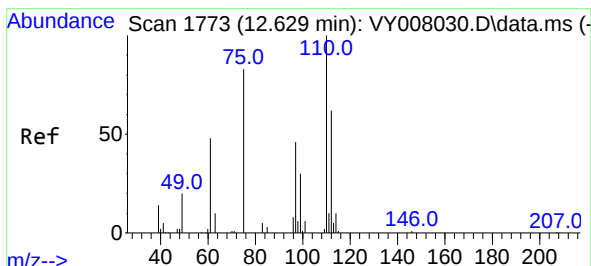
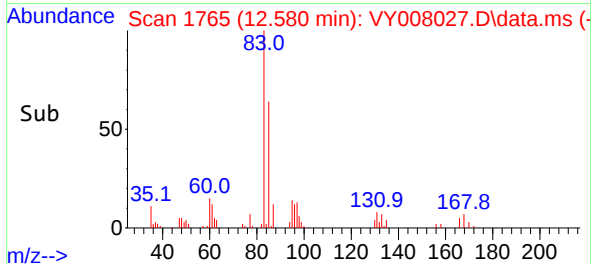
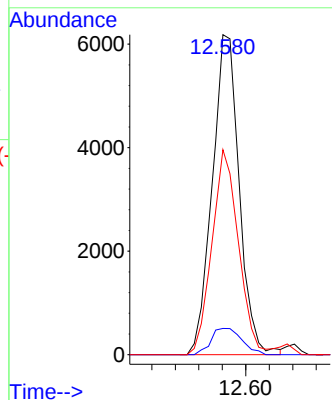
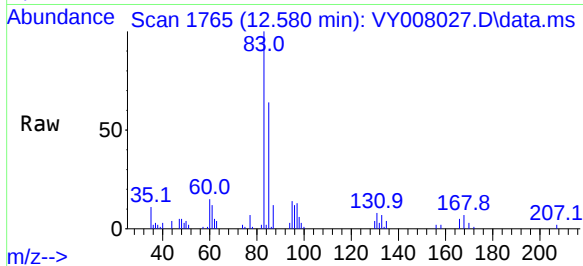
#75
1,1,2,2-Tetrachloroethane
Concen: 4.237 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 9849
Ion Ratio Lower Upper
83 100
131 9.4 5.6 16.8
85 62.9 32.3 96.8

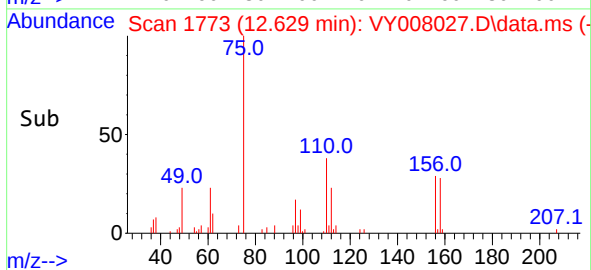
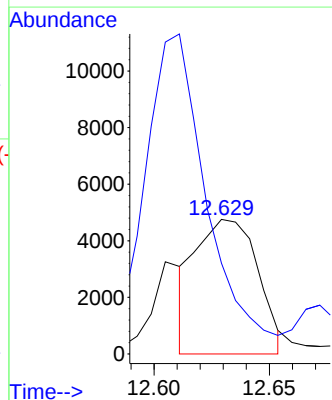
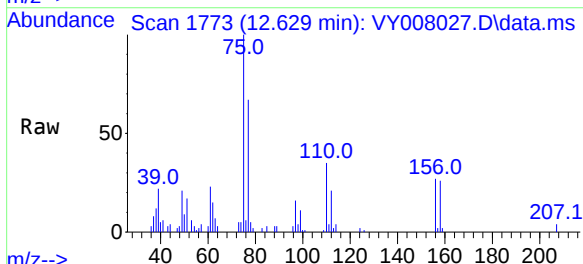
Manual Integrations
APPROVED

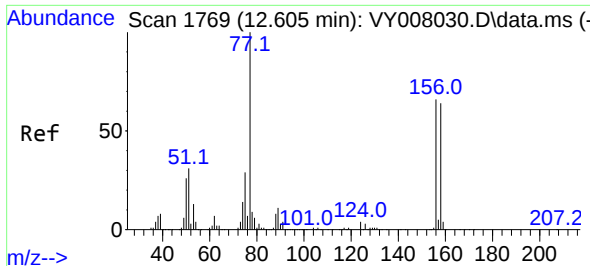
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#76
1,2,3-Trichloropropane
Concen: 3.179 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

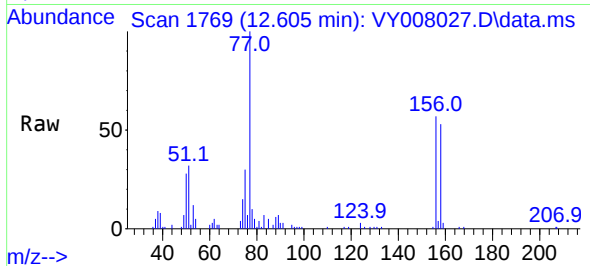
Tgt Ion: 75 Resp: 8892
Ion Ratio Lower Upper
75 100
77 238.8 0.0 0.0#





#77
Bromobenzene
Concen: 4.489 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

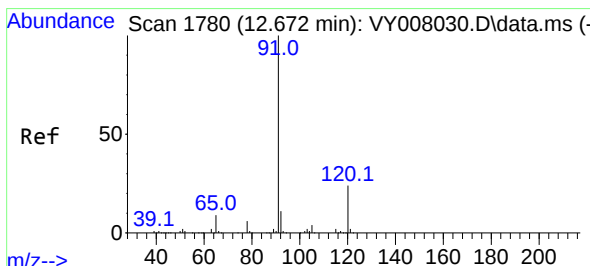
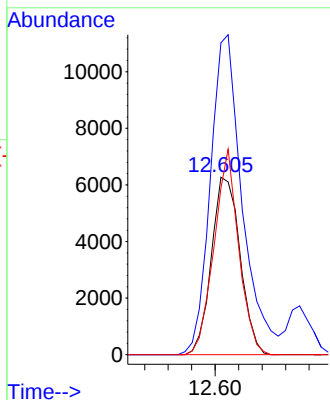
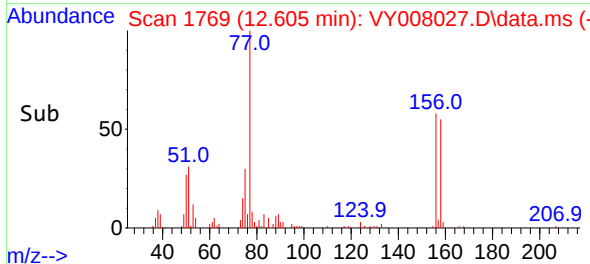
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



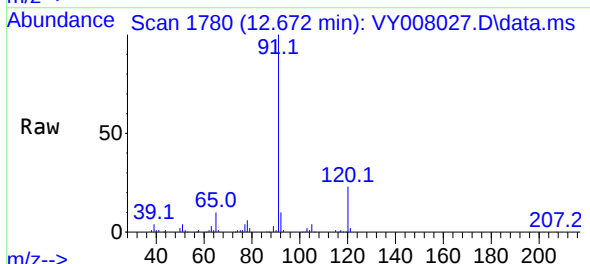
Tgt Ion: 156 Resp: 10624
Ion Ratio Lower Upper
156 100
77 199.8 95.5 286.4
158 99.4 48.0 144.0

Manual Integrations
APPROVED

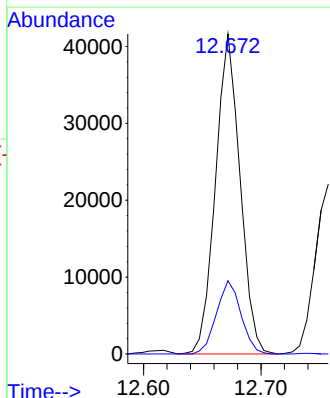
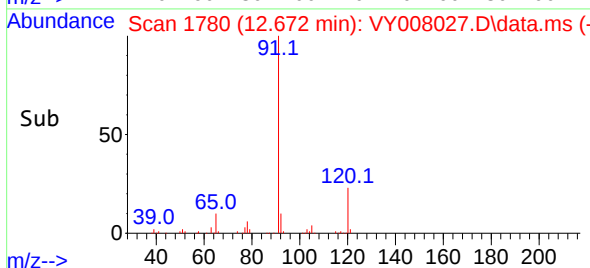
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

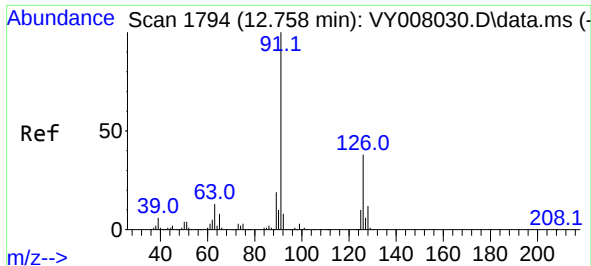


#78
n-propylbenzene
Concen: 4.998 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion: 91 Resp: 60330
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





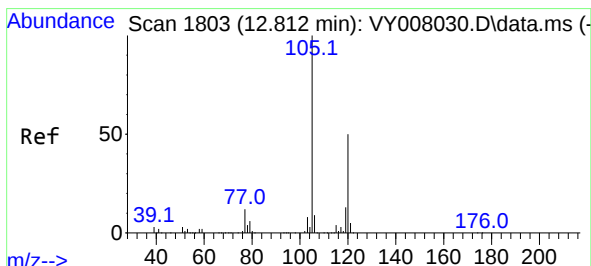
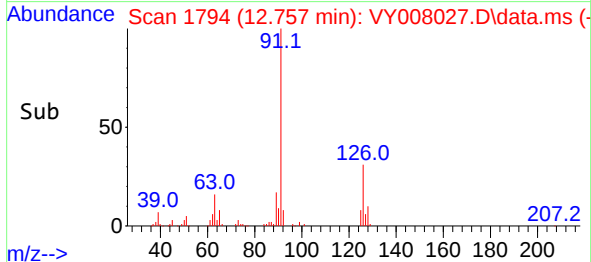
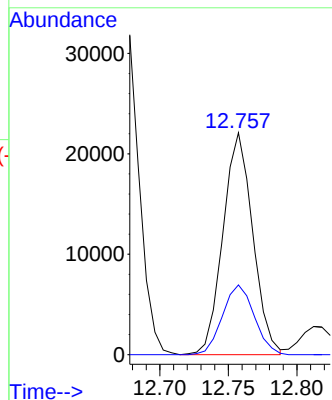
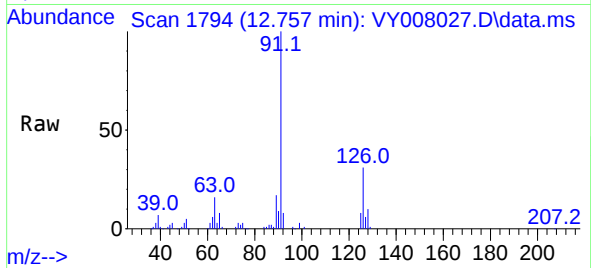
#79
2-Chlorotoluene
Concen: 4.853 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 33460
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.6

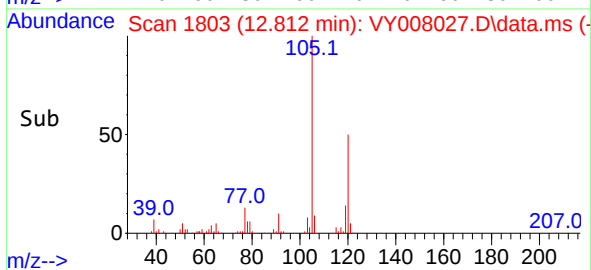
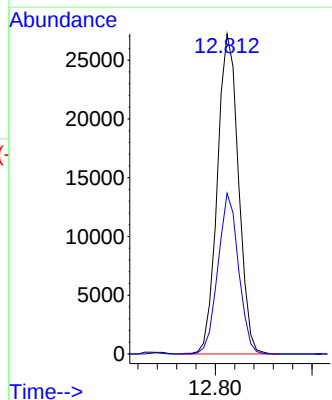
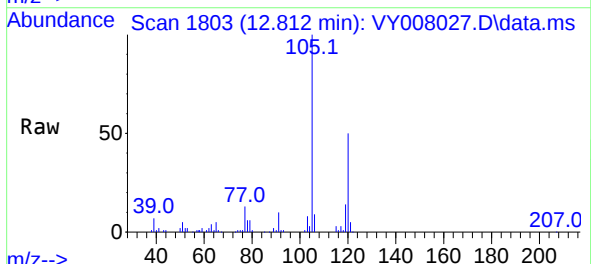
Manual Integrations
APPROVED

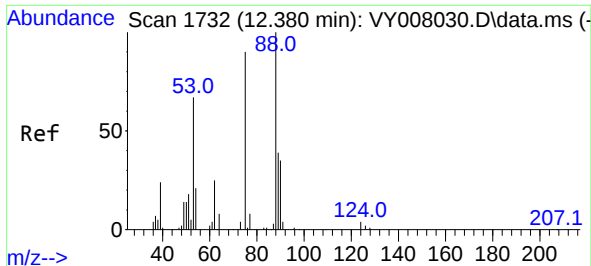
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.988 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

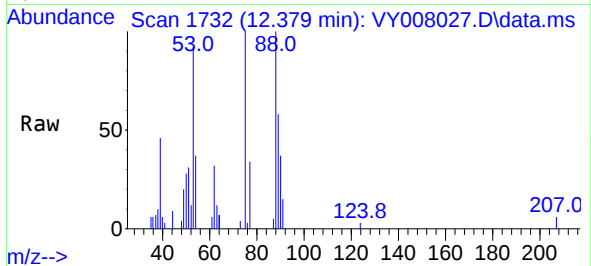
Tgt Ion:105 Resp: 41213
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.963 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

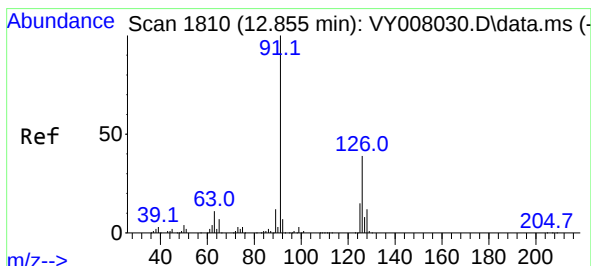
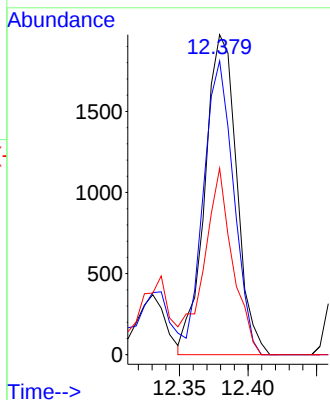
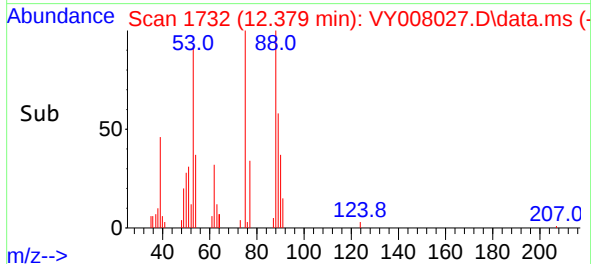
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 318
Ion Ratio Lower Upper
75 100
53 86.0 85.3 127.9
89 52.6 37.0 55.4

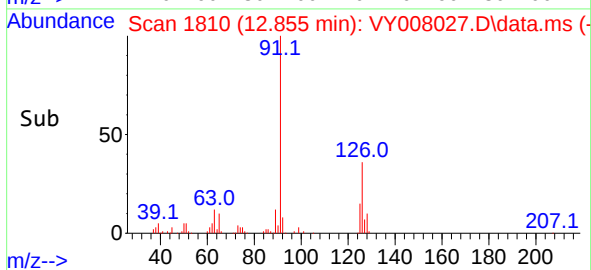
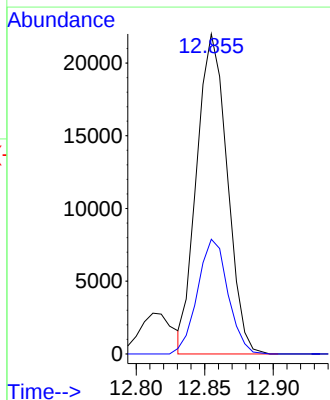
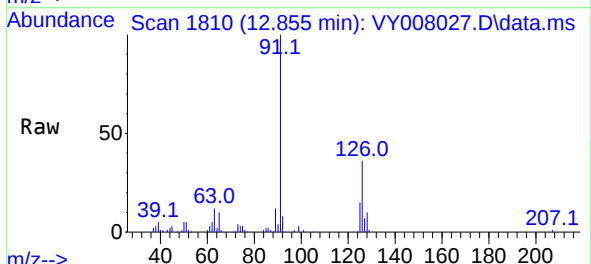
Manual Integrations
APPROVED

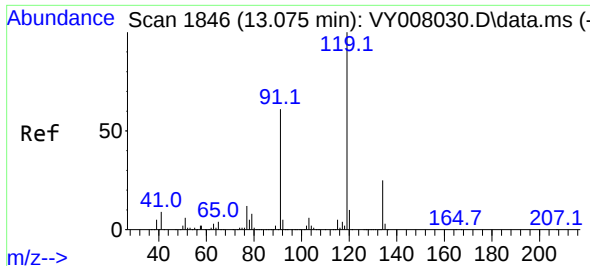
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#82
4-Chlorotoluene
Concen: 4.782 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion: 91 Resp: 34024
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0





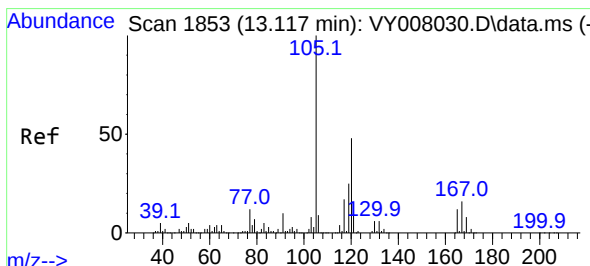
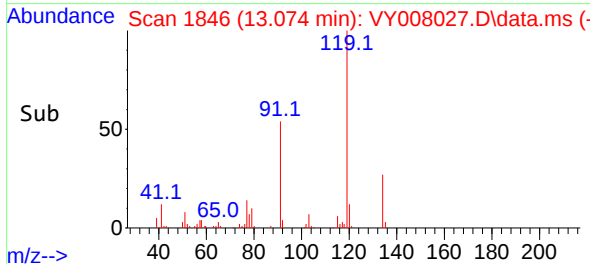
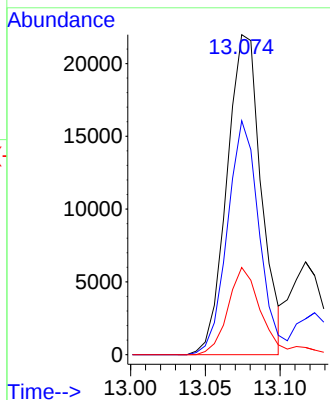
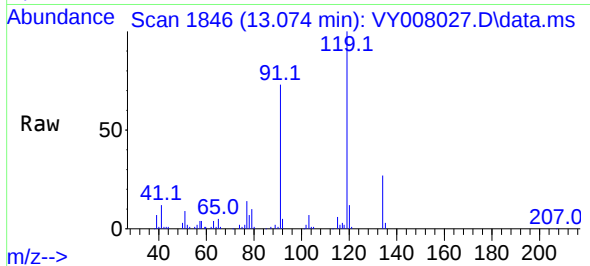
#83
tert-Butylbenzene
Concen: 4.917 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 35140
Ion Ratio Lower Upper
119 100
91 67.9 34.8 104.4
134 27.0 13.3 39.9

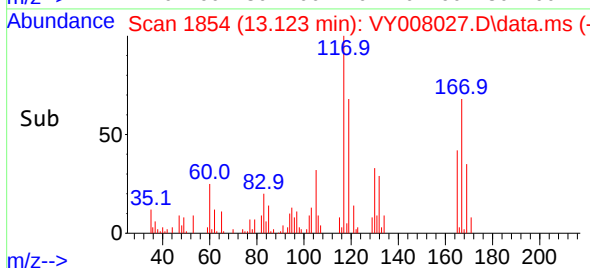
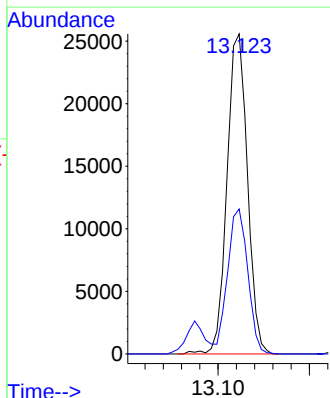
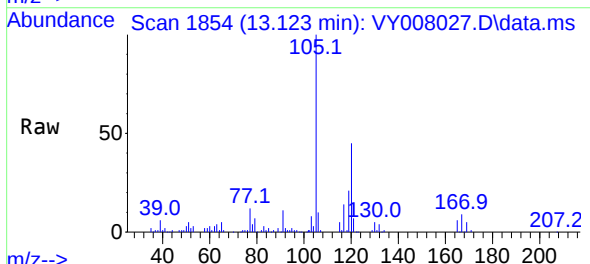
Manual Integrations
APPROVED

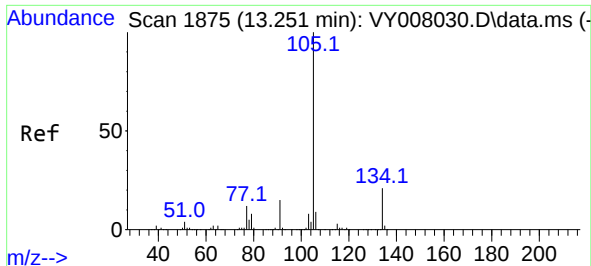
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.868 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

Tgt Ion:105 Resp: 39748
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





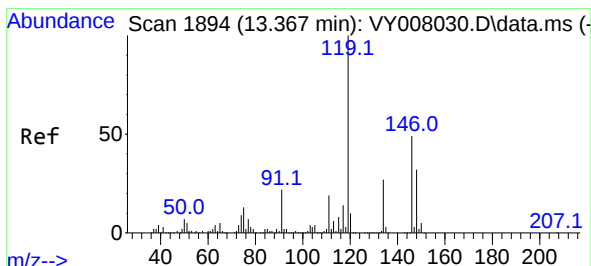
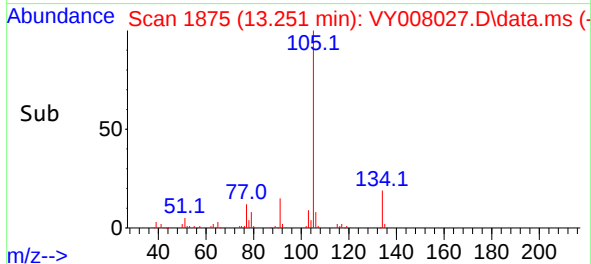
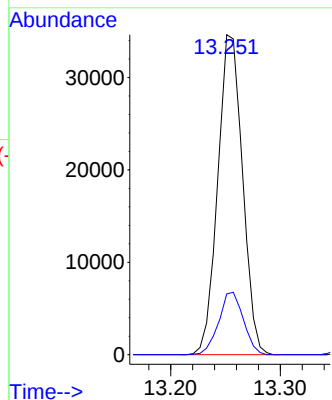
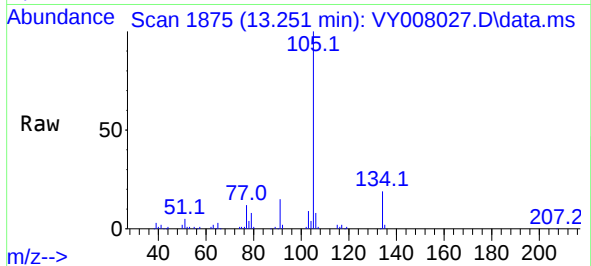
#85
 sec-Butylbenzene
 Concen: 5.051 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 5442
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4

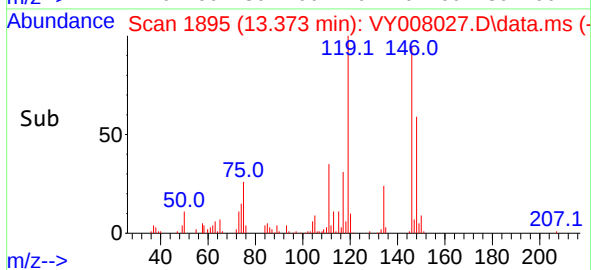
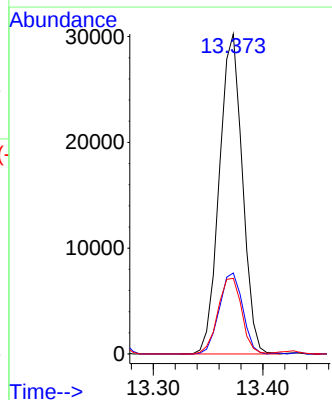
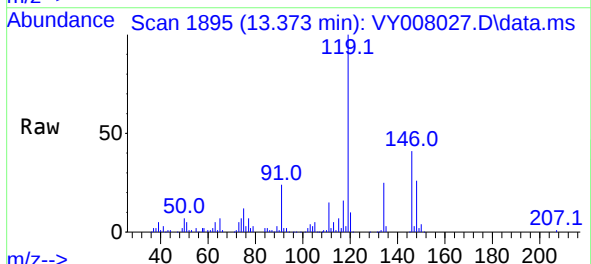
Manual Integrations
 APPROVED

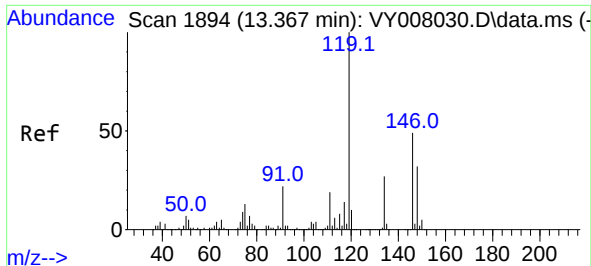
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 5.015 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008027.D
 Acq: 25 Mar 2022 15:48

Tgt Ion:119 Resp: 44226
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.734 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

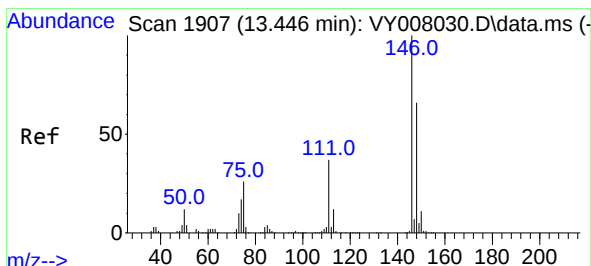
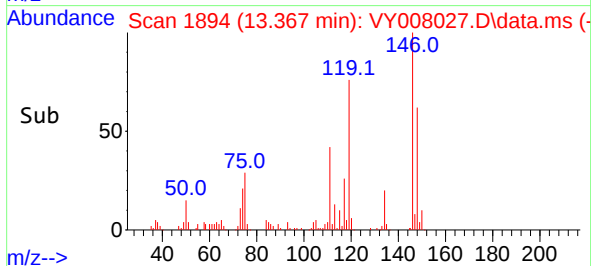
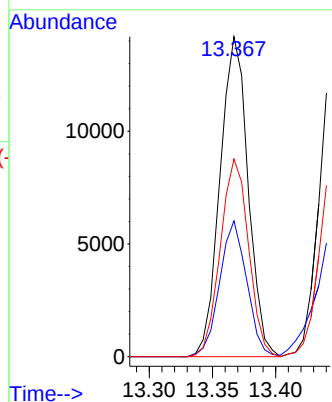
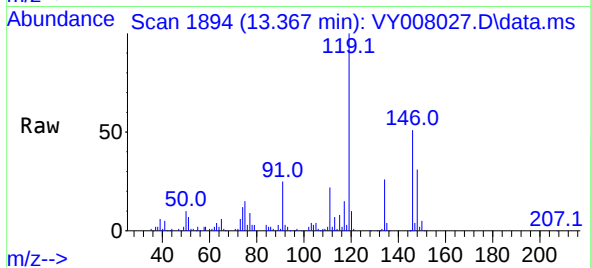
Tgt Ion:	146	Resp:	21884
Ion Ratio	Lower	Upper	
146	100		
111	41.2	19.5	58.5
148	62.0	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#88

1,4-Dichlorobenzene

Concen: 4.892 ug/l

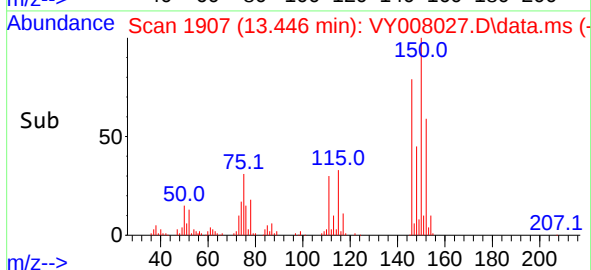
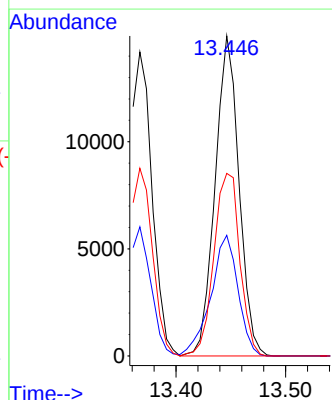
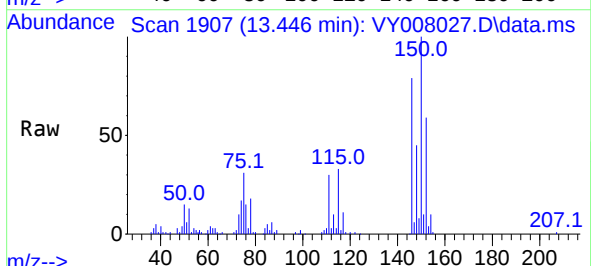
RT: 13.446 min Scan# 1907

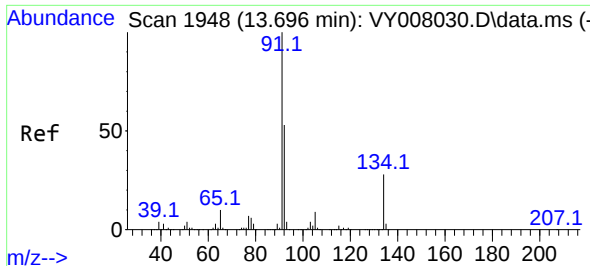
Delta R.T. -0.000 min

Lab File: VY008027.D

Acq: 25 Mar 2022 15:48

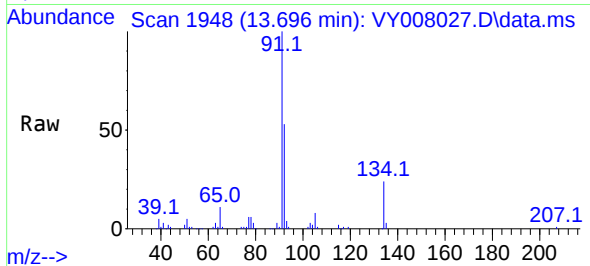
Tgt Ion:	146	Resp:	22653
Ion Ratio	Lower	Upper	
146	100		
111	43.0	19.3	57.8
148	62.1	32.6	97.8





#89
n-Butylbenzene
Concen: 4.942 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

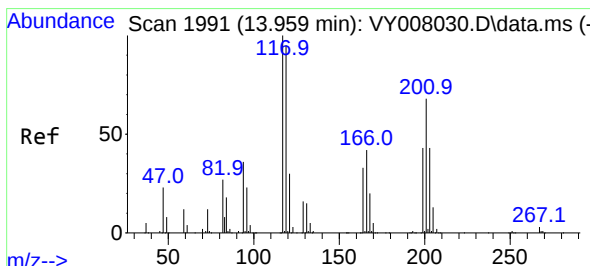
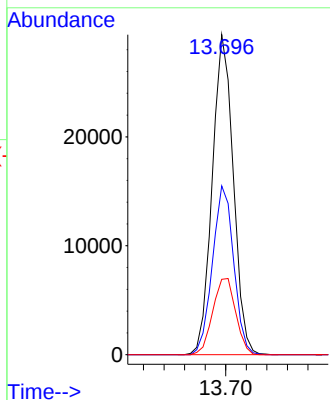
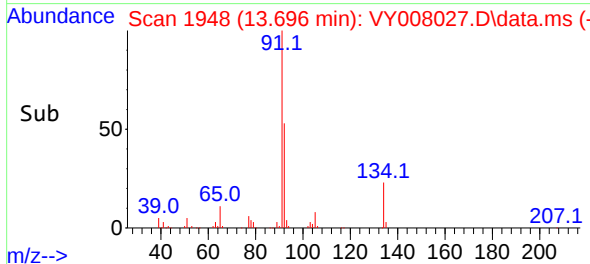
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 4169
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 26.0 13.0 38.9

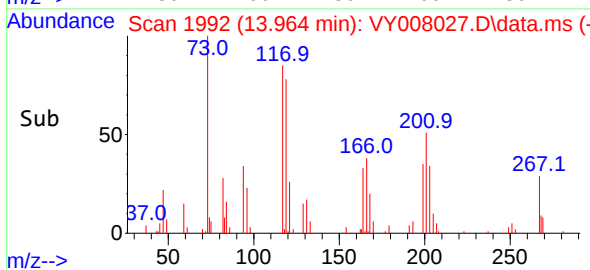
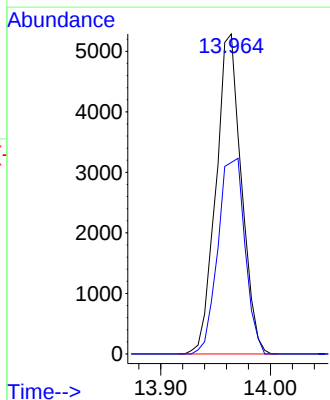
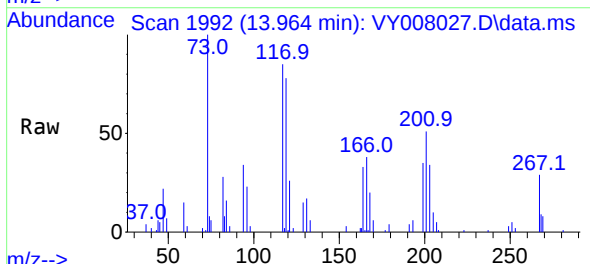
Manual Integrations
APPROVED

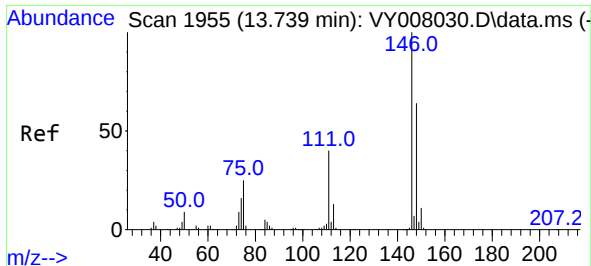
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 4.977 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

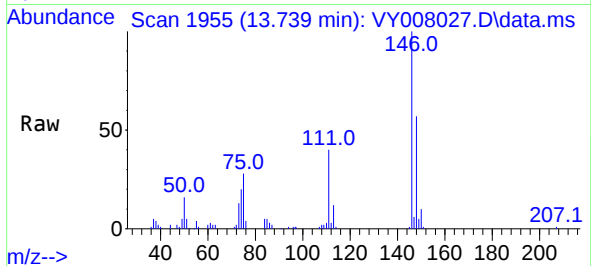
Tgt Ion:117 Resp: 8531
Ion Ratio Lower Upper
117 100
201 65.0 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 4.550 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

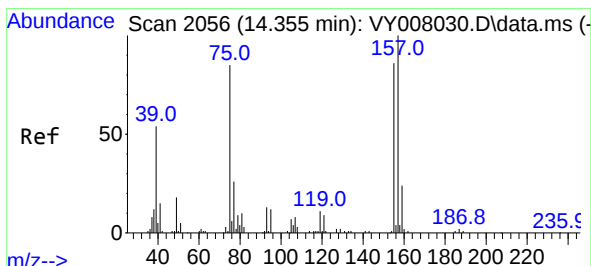
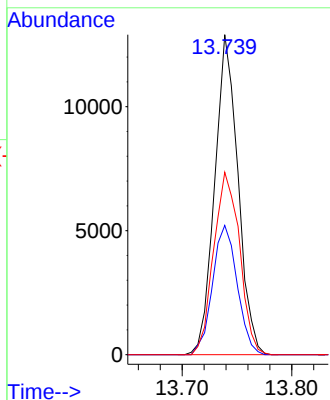
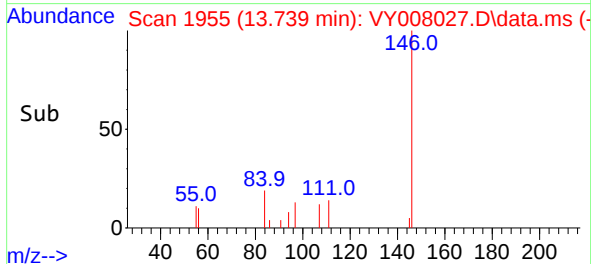
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



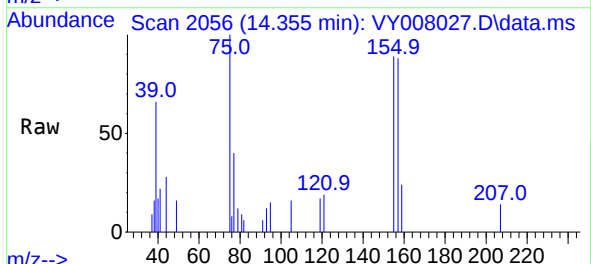
Tgt Ion:146 Resp: 1903
Ion Ratio Lower Upper
146 100
111 42.8 20.3 60.9
148 63.3 32.3 96.9

Manual Integrations
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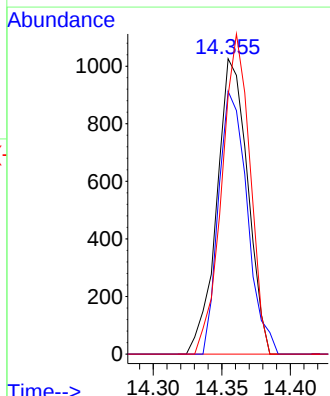
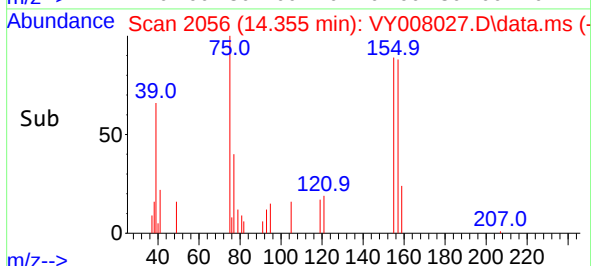
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

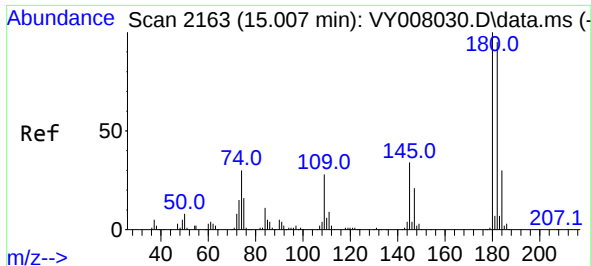


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.241 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



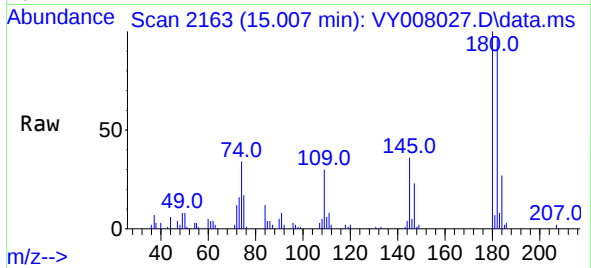
Tgt Ion: 75 Resp: 1607
Ion Ratio Lower Upper
75 100
155 82.6 38.0 113.9
157 98.7 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 4.507 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

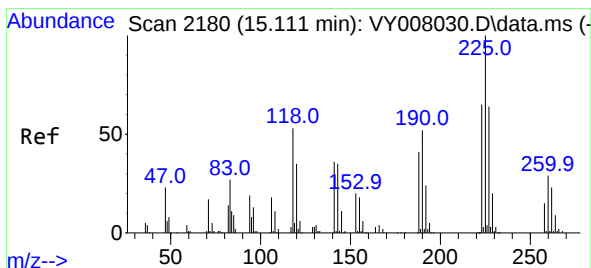
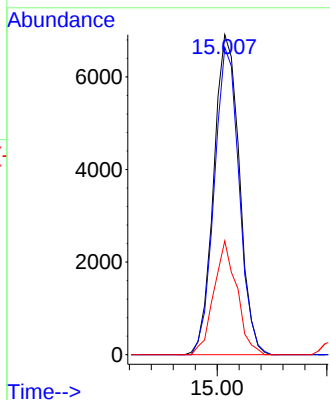
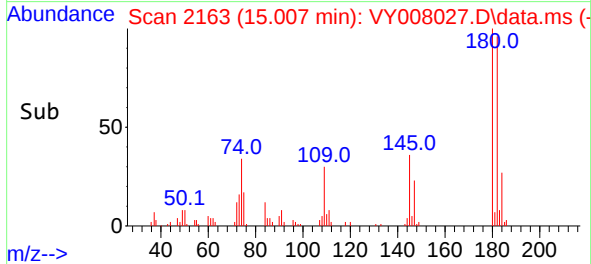
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



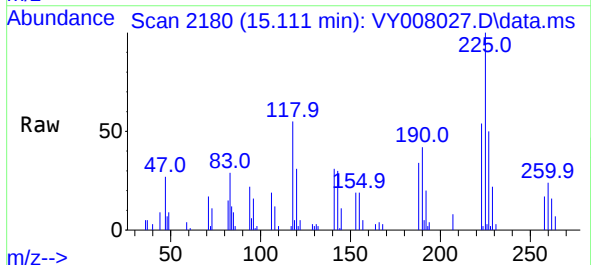
Tgt Ion:180 Resp: 1119
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.9
145 32.2 14.6 43.8

Manual Integrations
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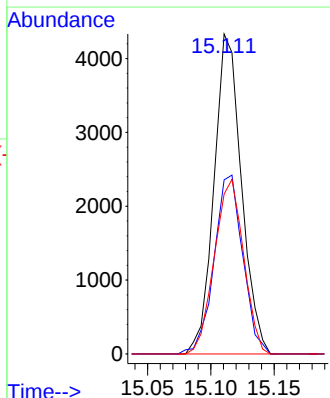
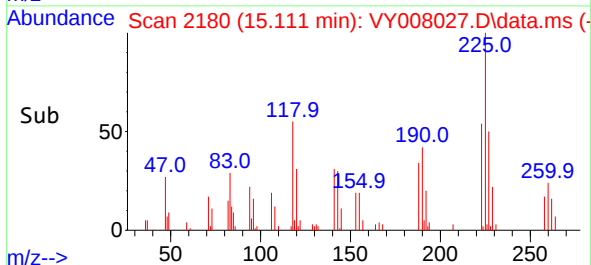
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

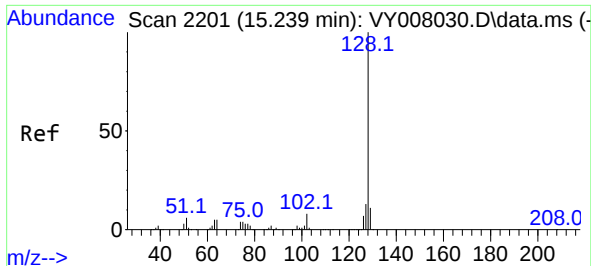


#94
Hexachlorobutadiene
Concen: 5.460 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



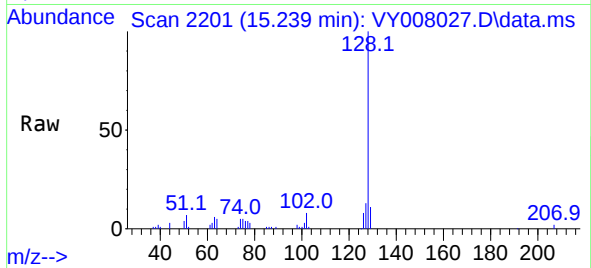
Tgt Ion:225 Resp: 6524
Ion Ratio Lower Upper
225 100
223 58.4 30.8 92.3
227 58.1 31.6 94.7





#95
Naphthalene
Concen: 3.996 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48

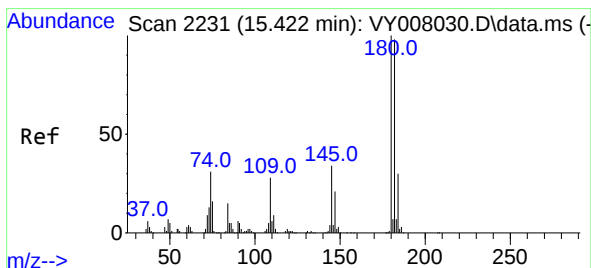
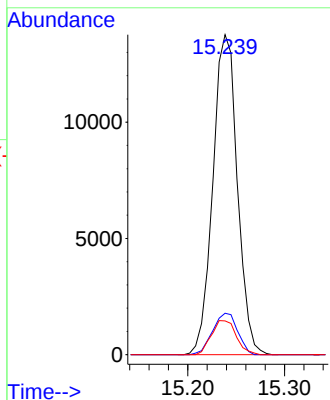
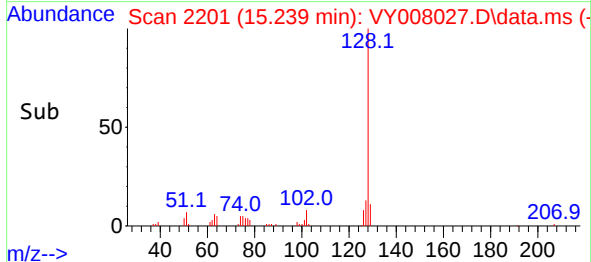
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



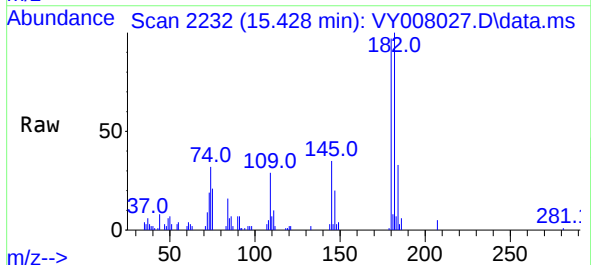
Tgt Ion:128 Resp: 2417
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.329 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008027.D
Acq: 25 Mar 2022 15:48



Tgt Ion:180 Resp: 9426
Ion Ratio Lower Upper
180 100
182 98.4 47.3 141.9
145 34.9 15.3 45.9

