

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008572.D
 Acq On : 02 May 2022 15:34
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Quant Time: May 03 01:19:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:17:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	149549	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	222142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12776	7.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	15.260%	#	
35) Dibromofluoromethane	7.716	113	12946	9.171	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.340%	#	
50) Toluene-d8	10.179	98	43017	8.391	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	16.780%	#	
62) 4-Bromofluorobenzene	12.483	95	16907	8.901	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	17.800%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	16522	12.173	ug/l	99
3) Chloromethane	2.113	50	18093	8.875	ug/l	92
4) Vinyl Chloride	2.253	62	21297	8.124	ug/l	100
5) Bromomethane	2.650	94	19079	7.862	ug/l	93
6) Chloroethane	2.796	64	13663	7.845	ug/l	97
7) Trichlorofluoromethane	3.125	101	29008	10.170	ug/l	99
8) Diethyl Ether	3.527	74	9231	9.556	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	16201	9.550	ug/l	91
10) Methyl Iodide	4.094	142	17091	8.411	ug/l	89
11) Tert butyl alcohol	4.948	59	9570	48.507	ug/l	# 87
12) 1,1-Dichloroethene	3.869	96	15110	9.466	ug/l	# 73
13) Acrolein	3.735	56	10315	55.143	ug/l	99
14) Allyl chloride	4.485	41	18296	8.885	ug/l	# 89
15) Acrylonitrile	5.155	53	21515	44.428	ug/l	97
16) Acetone	3.948	43	17112	44.247	ug/l	# 86
17) Carbon Disulfide	4.192	76	43663	9.145	ug/l	98
18) Methyl Acetate	4.479	43	9505	8.625	ug/l	# 76
19) Methyl tert-butyl Ether	5.216	73	43522	8.859	ug/l	96
20) Methylene Chloride	4.710	84	28001	11.157	ug/l	# 75
21) trans-1,2-Dichloroethene	5.222	96	16935	8.809	ug/l	# 79
22) Diisopropyl ether	6.118	45	42015	8.535	ug/l	# 92
23) Vinyl Acetate	6.057	43	143894	43.041	ug/l	# 87
24) 1,1-Dichloroethane	6.015	63	26735	8.705	ug/l	96
25) 2-Butanone	6.984	43	26151	43.454	ug/l	# 85
26) 2,2-Dichloropropane	6.978	77	25480	8.904	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	19767	9.009	ug/l	80
28) Bromochloromethane	7.338	49	9458	7.778	ug/l	# 52
29) Tetrahydrofuran	7.350	42	17527	44.868	ug/l	# 75
30) Chloroform	7.502	83	30362	8.986	ug/l	96
31) Cyclohexane	7.783	56	24839	8.794	ug/l	# 69
32) 1,1,1-Trichloroethane	7.704	97	27722	9.285	ug/l	# 92
36) 1,1-Dichloropropene	7.917	75	22605	9.941	ug/l	92
37) Ethyl Acetate	7.069	43	12345	9.959	ug/l	# 90
38) Carbon Tetrachloride	7.899	117	25928	10.803	ug/l	97
39) Methylcyclohexane	9.185	83	29062	9.930	ug/l	# 81
40) Benzene	8.161	78	64745	9.798	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	4892	8.171	ug/l #	60
42) 1,2-Dichloroethane	8.234	62	19538	9.922	ug/l	89
43) Isopropyl Acetate	8.271	43	21532	9.505	ug/l #	84
44) Trichloroethene	8.941	130	20622	11.060	ug/l	94
45) 1,2-Dichloropropane	9.215	63	15466	9.821	ug/l	99
46) Dibromomethane	9.307	93	10863	9.894	ug/l	91
47) Bromodichloromethane	9.496	83	23381	9.953	ug/l	97
48) Methyl methacrylate	9.295	41	9598	9.948	ug/l #	77
49) 1,4-Dioxane	9.301	88	2932	210.582	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	58173	48.869	ug/l #	86
52) Toluene	10.246	92	42424	9.698	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	24584	9.807	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	26842	9.600	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	15100	10.038	ug/l	95
56) Ethyl methacrylate	10.508	69	18139	9.368	ug/l #	76
57) 1,3-Dichloropropane	10.794	76	24097	9.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	46570	44.295	ug/l #	86
59) 2-Hexanone	10.831	43	39868	48.809	ug/l	81
60) Dibromochloromethane	10.983	129	18447	10.505	ug/l	98
61) 1,2-Dibromoethane	11.087	107	15567	10.403	ug/l	99
64) Tetrachloroethene	10.721	164	18965	11.874	ug/l	95
65) Chlorobenzene	11.520	112	48606	10.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	18510	10.559	ug/l	98
67) Ethyl Benzene	11.593	91	81218	9.924	ug/l	96
68) m/p-Xylenes	11.703	106	65759	20.043	ug/l	91
69) o-Xylene	12.032	106	31590	10.007	ug/l	88
70) Styrene	12.044	104	51925	9.815	ug/l	94
71) Bromoform	12.209	173	12540	11.334	ug/l #	98
73) Isopropylbenzene	12.331	105	81248	9.792	ug/l	98
74) N-amyl acetate	12.148	43	18296	9.145	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	17498	9.700	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	11482m	8.525	ug/l	
77) Bromobenzene	12.611	156	22254	10.934	ug/l	82
78) n-propylbenzene	12.672	91	94865	9.593	ug/l	95
79) 2-Chlorotoluene	12.758	91	53918	9.691	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	68110	9.876	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.380	75	5713	9.572	ug/l #	81
82) 4-Chlorotoluene	12.855	91	56276	9.792	ug/l	93
83) tert-Butylbenzene	13.075	119	60104	9.989	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	67037	9.808	ug/l	95
85) sec-Butylbenzene	13.257	105	90507	10.032	ug/l	97
86) p-Isopropyltoluene	13.373	119	74769	9.830	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	42607	10.452	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	42477	10.520	ug/l	99
89) n-Butylbenzene	13.696	91	66550	9.740	ug/l	97
90) Hexachloroethane	13.965	117	14109	10.349	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	38593	10.632	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2761	10.159	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	24334	11.771	ug/l	99
94) Hexachlorobutadiene	15.117	225	13762	13.188	ug/l	97
95) Naphthalene	15.239	128	49452	10.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	22180	12.247	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue May 03 01:17:13 2022
Response via : Initial Calibration

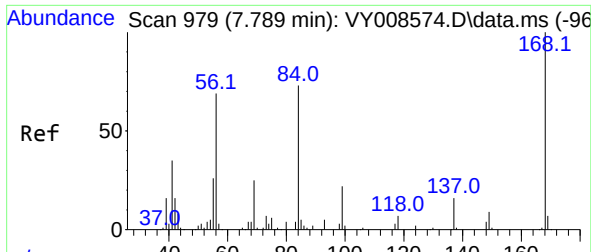
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

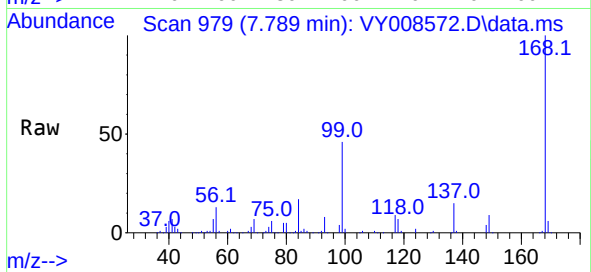
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

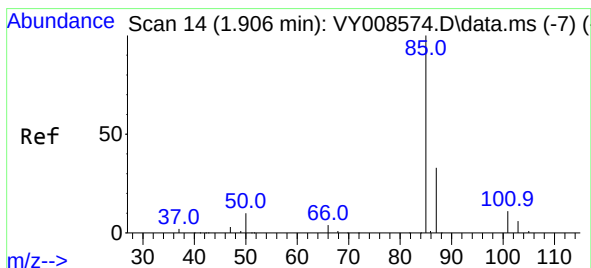
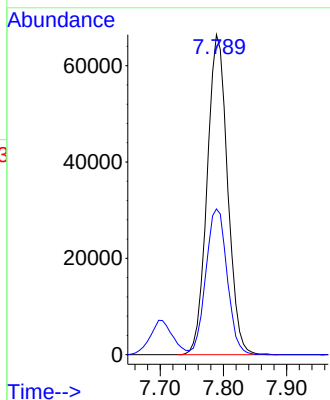
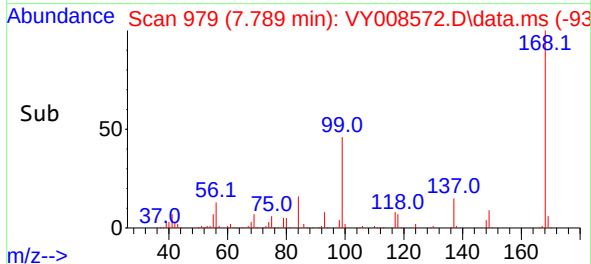
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Tgt Ion:168 Resp: 149549
Ion Ratio Lower Upper
168 100
99 45.6 46.9 70.3

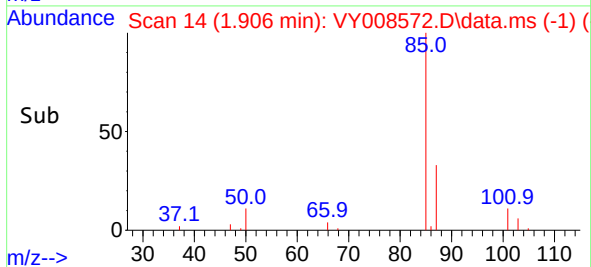
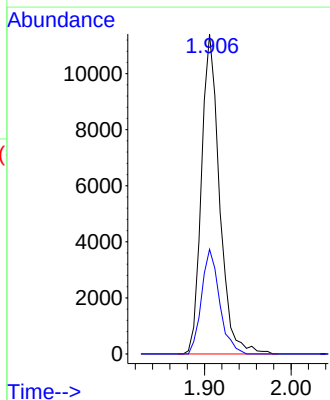
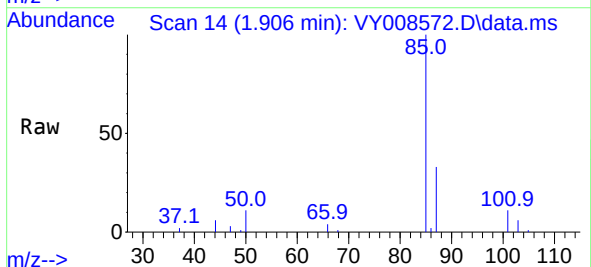
Manual Integrations
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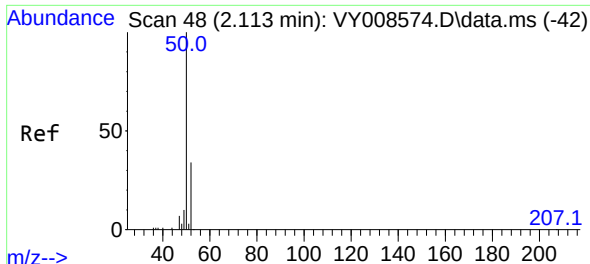
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#2
Dichlorodifluoromethane
Concen: 12.173 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

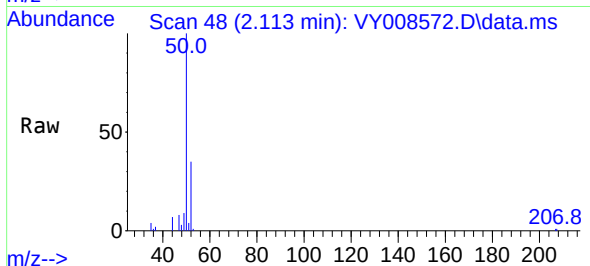
Tgt Ion: 85 Resp: 16522
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2





#3
Chloromethane
Concen: 8.875 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

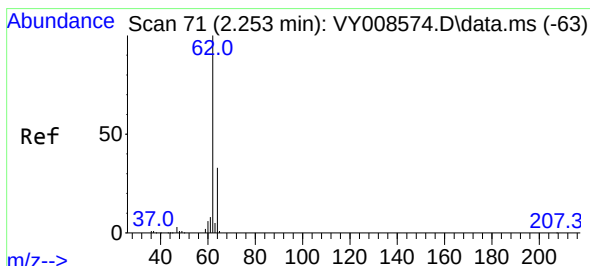
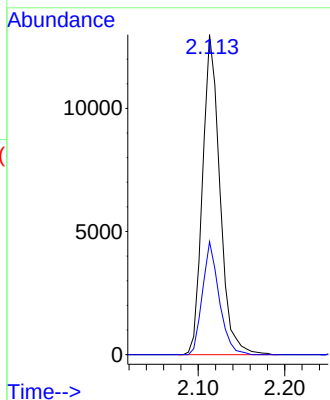
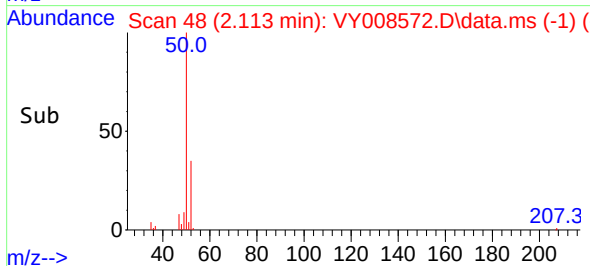
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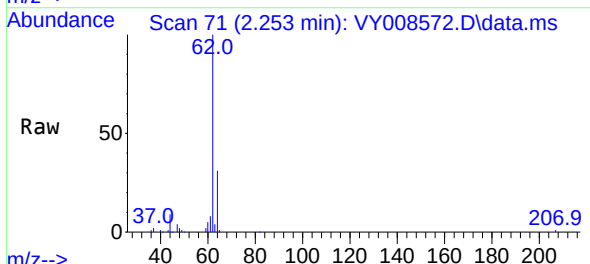
Tgt Ion: 50 Resp: 1809
Ion Ratio Lower Upper
50 100
52 35.3 24.6 37.0

Manual Integrations
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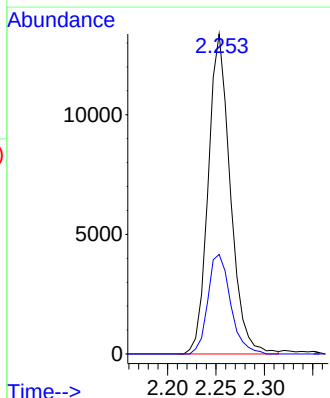
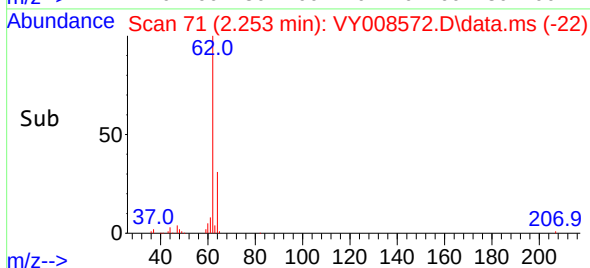
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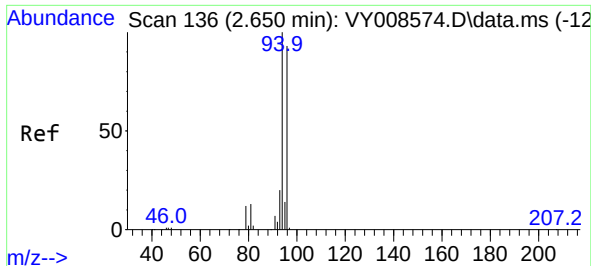


#4
Vinyl Chloride
Concen: 8.124 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



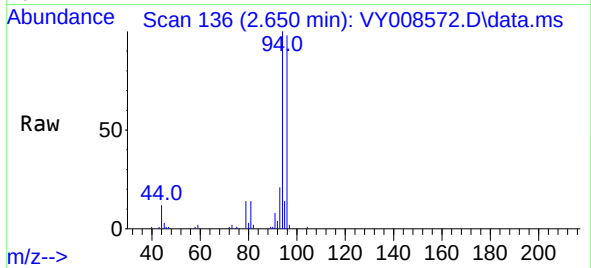
Tgt Ion: 62 Resp: 21297
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6





#5
Bromomethane
Concen: 7.862 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

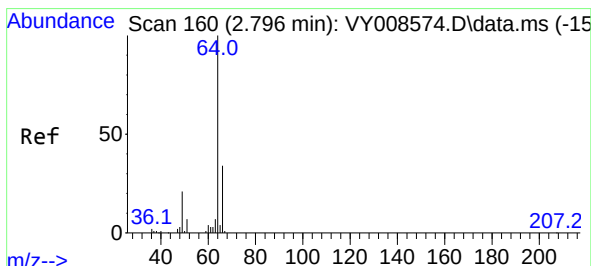
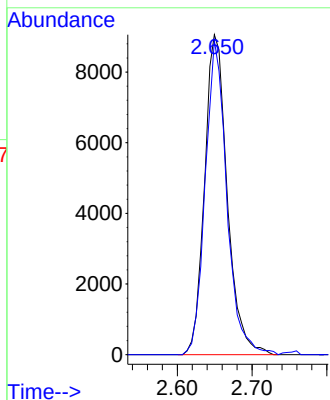
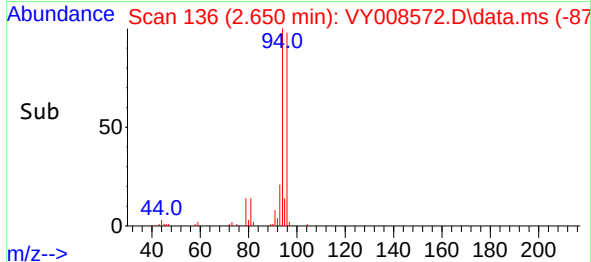
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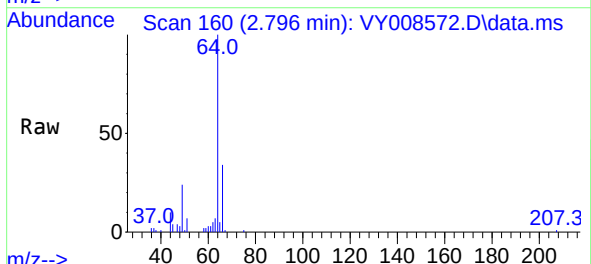
Tgt Ion: 94 Resp: 19079
Ion Ratio Lower Upper
94 100
96 98.2 73.5 110.3

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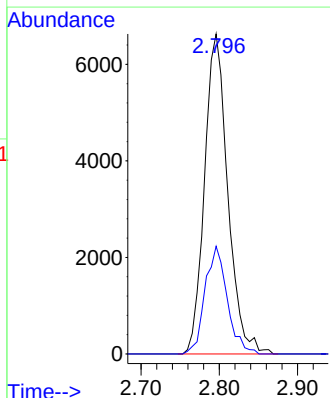
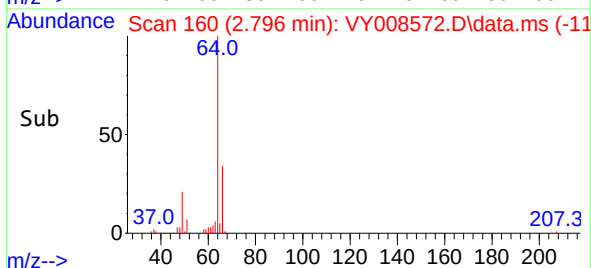
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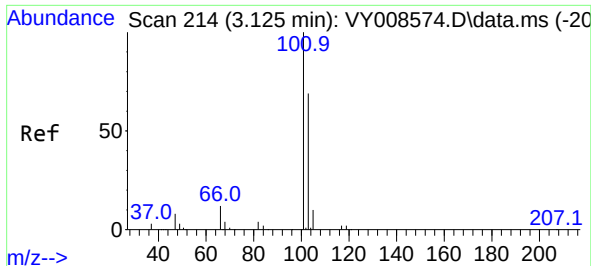


#6
Chloroethane
Concen: 7.845 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY008572.D
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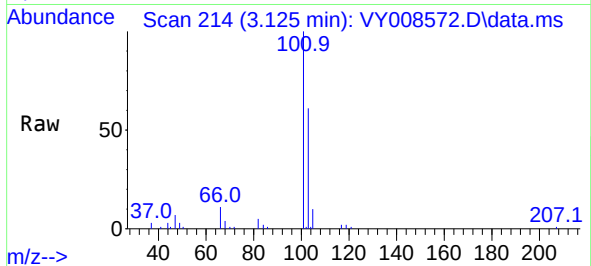
Tgt Ion: 64 Resp: 13663
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 10.170 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34

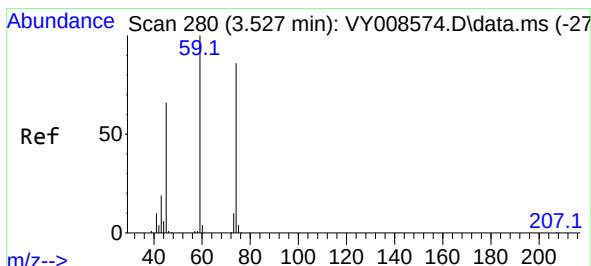
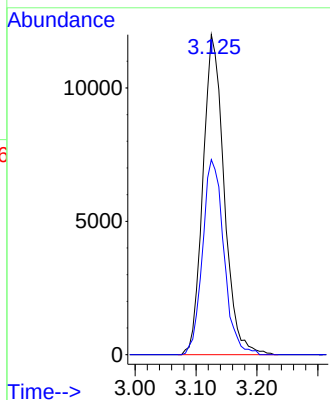
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



Tgt Ion: 101 Resp: 2900
 Ion Ratio Lower Upper
 101 100
 103 60.9 48.0 72.0

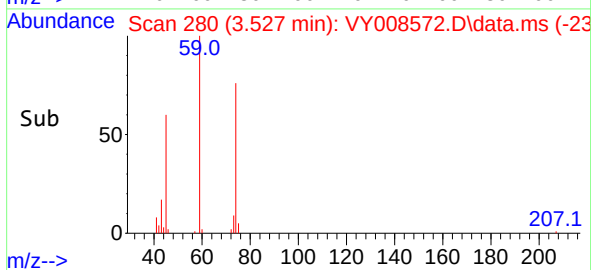
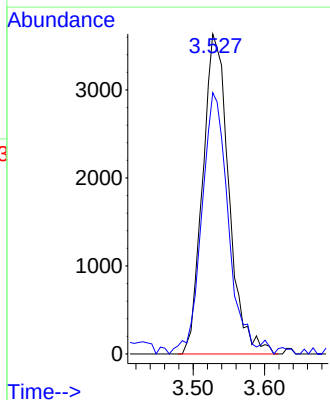
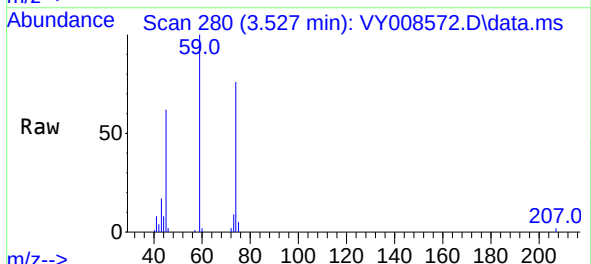
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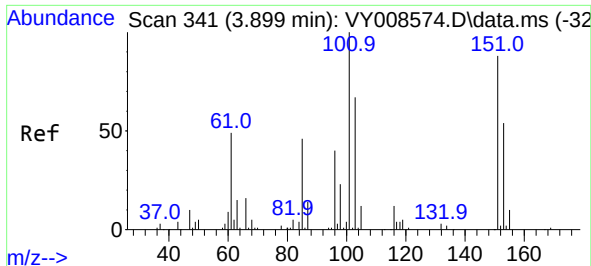
Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022



#8
 Diethyl Ether
 Concen: 9.556 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008572.D
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Tgt Ion: 74 Resp: 9231
 Ion Ratio Lower Upper
 74 100
 45 82.2 55.1 165.5





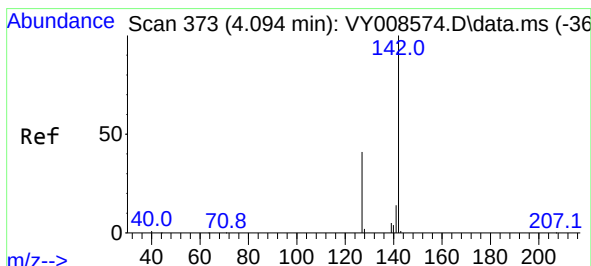
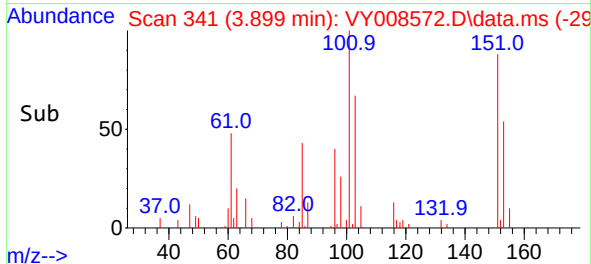
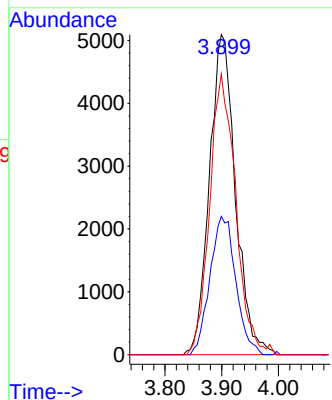
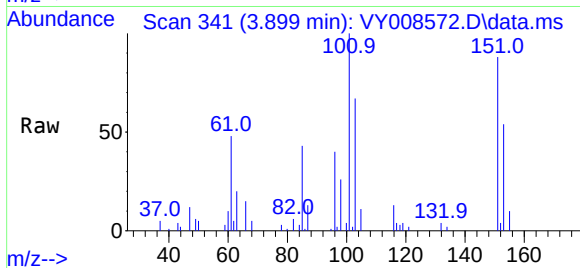
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.550 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1620
Ion Ratio Lower Upper
101 100
85 43.0 40.6 60.8
151 87.8 64.9 97.3

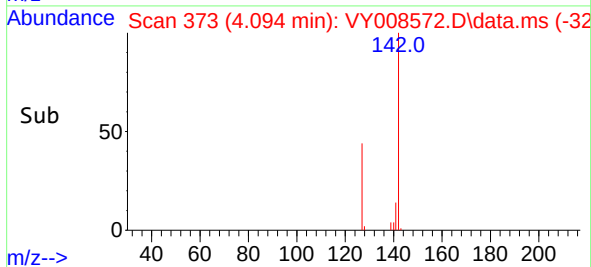
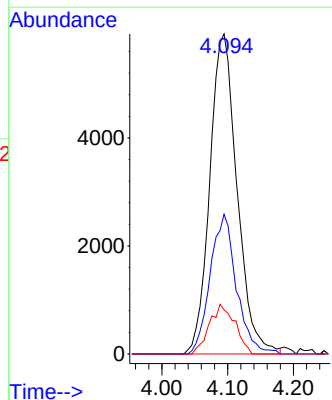
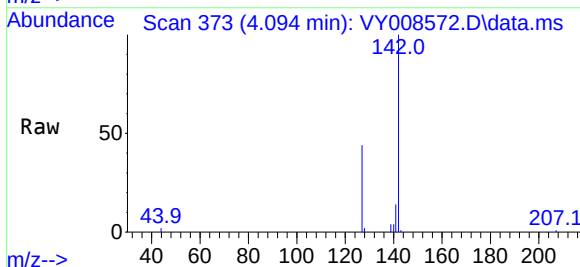
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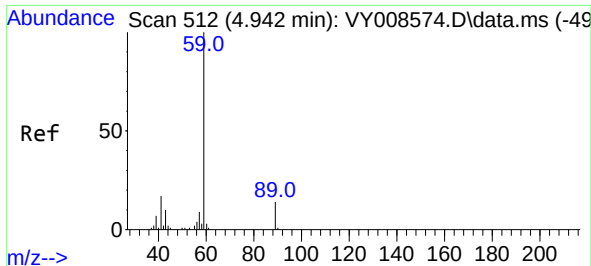
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#10
Methyl Iodide
Concen: 8.411 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

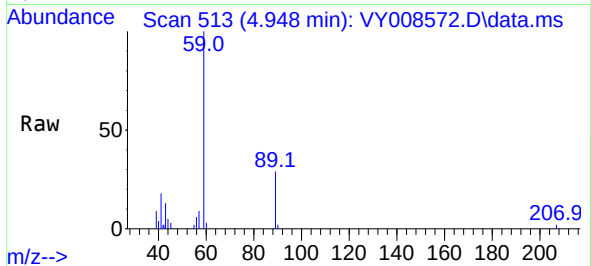
Tgt Ion:142 Resp: 17091
Ion Ratio Lower Upper
142 100
127 42.0 41.5 62.3
141 14.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 48.507 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

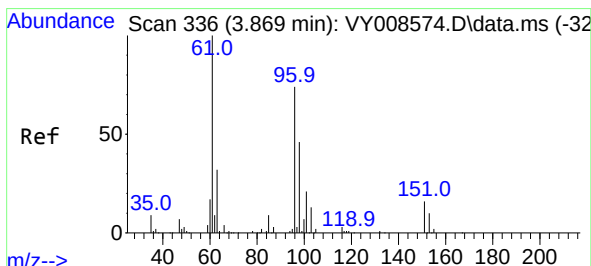
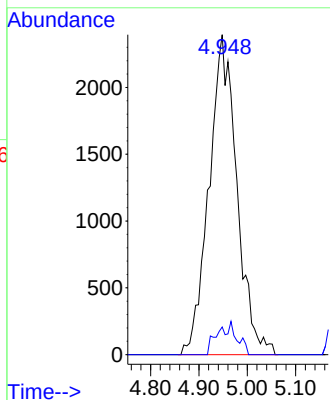
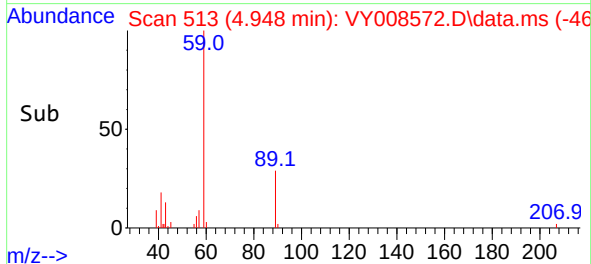
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



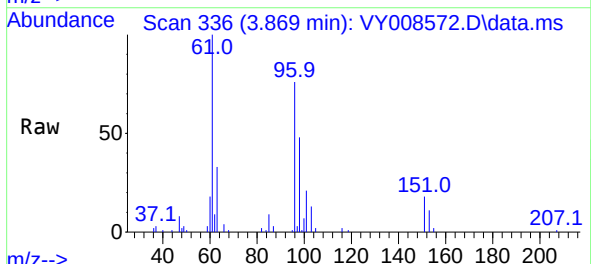
Tgt Ion: 59 Resp: 9570
Ion Ratio Lower Upper
59 100
57 3.6 6.4 9.6

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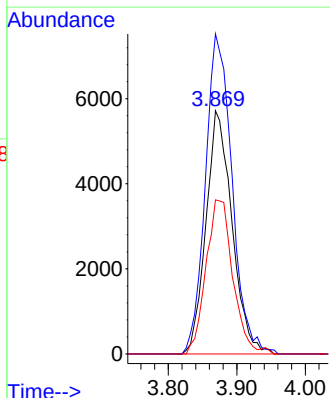
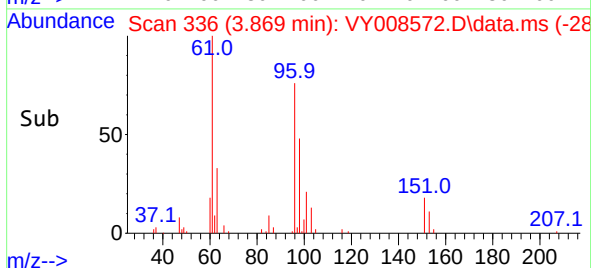
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

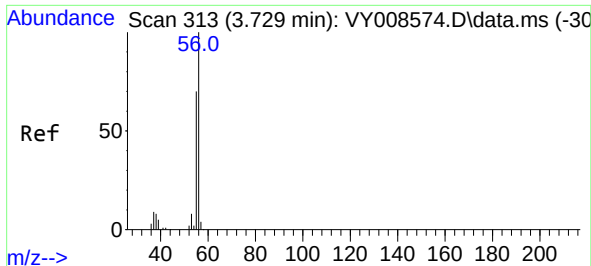


#12
1,1-Dichloroethene
Concen: 9.466 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



Tgt Ion: 96 Resp: 15110
Ion Ratio Lower Upper
96 100
61 131.6 145.8 218.6#
98 63.4 52.5 78.7





#13

Acrolein

Concen: 55.143 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 1031

Ion Ratio Lower Upper

56 100

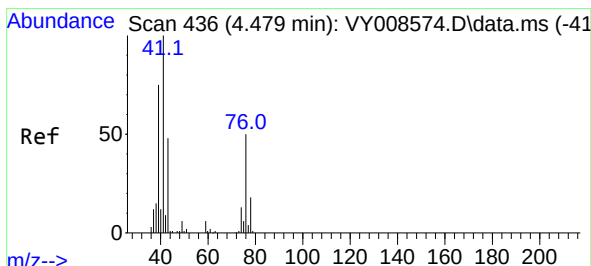
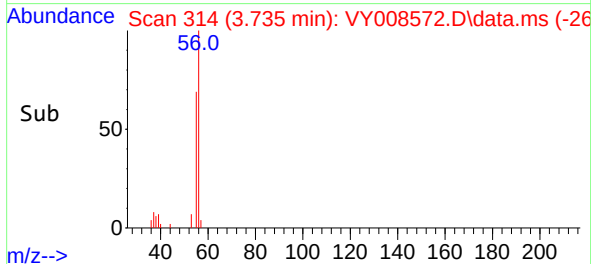
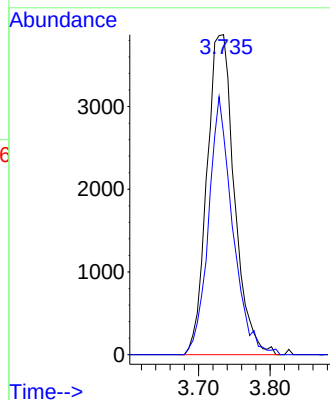
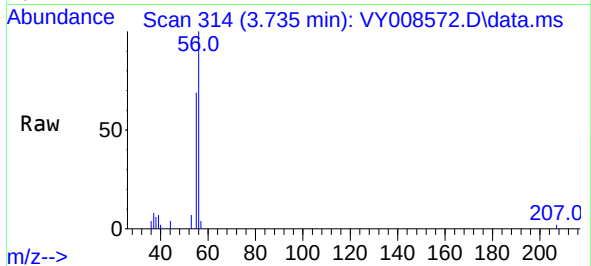
55 70.9 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#14

Allyl chloride

Concen: 8.885 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

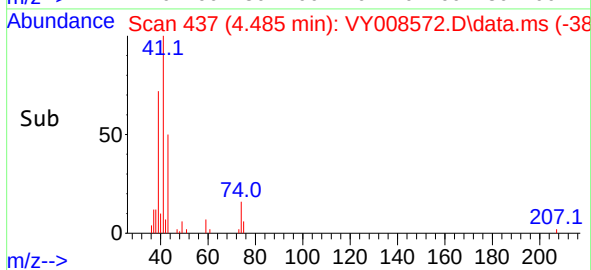
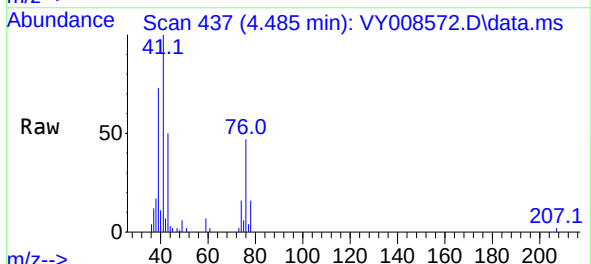
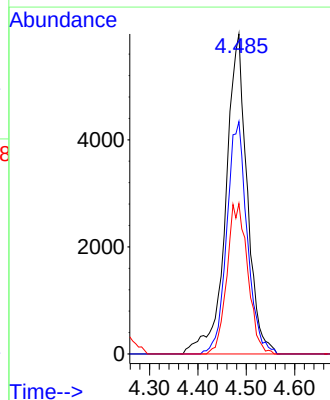
Tgt Ion: 41 Resp: 18296

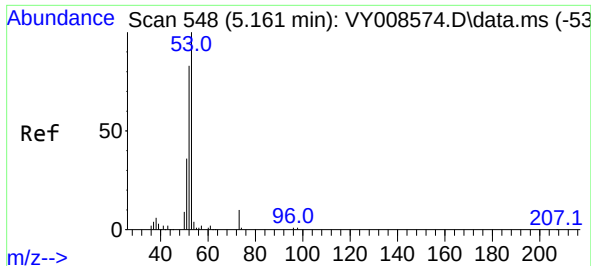
Ion Ratio Lower Upper

41 100

39 69.5 58.8 88.2

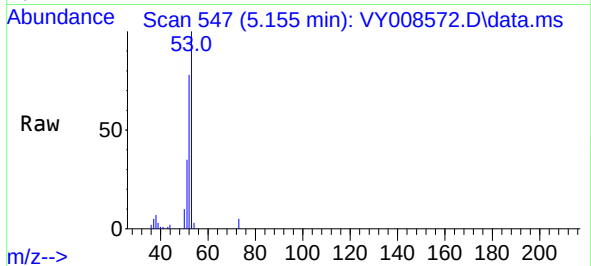
76 45.8 25.1 37.7#





#15
Acrylonitrile
Concen: 44.428 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

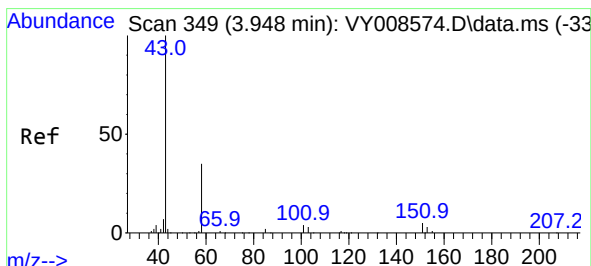
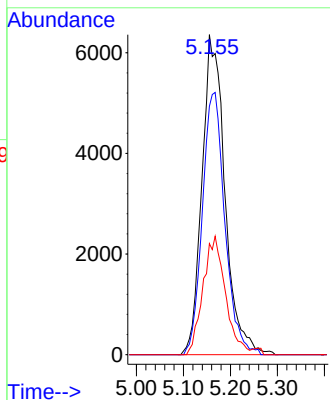
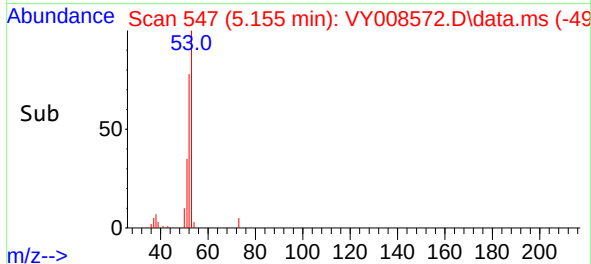
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 2151
Ion Ratio Lower Upper
53 100
52 80.6 67.0 100.4
51 36.2 29.8 44.6

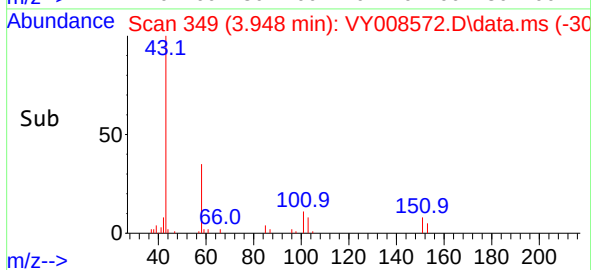
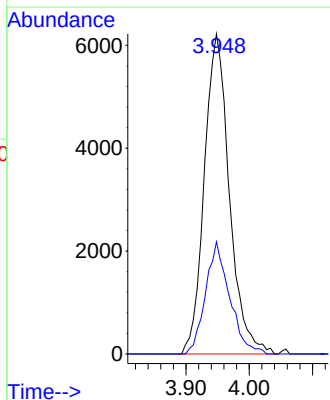
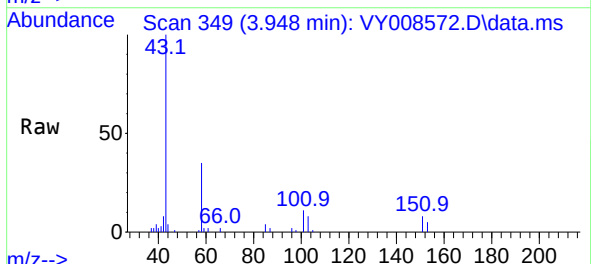
Manual Integrations
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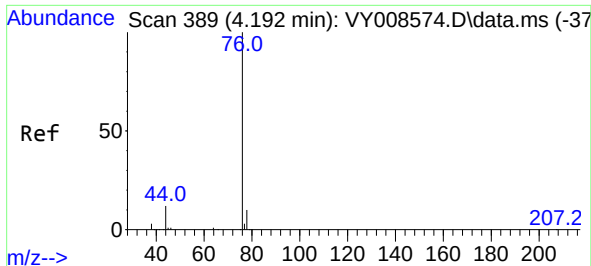
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#16
Acetone
Concen: 44.247 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

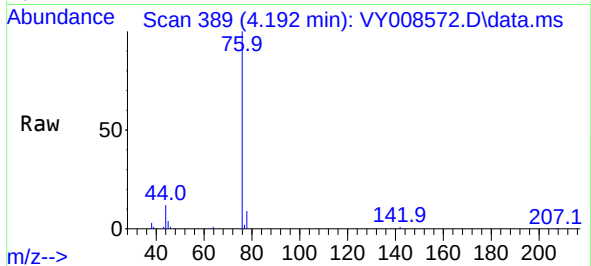
Tgt Ion: 43 Resp: 17112
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#





#17
Carbon Disulfide
Concen: 9.145 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

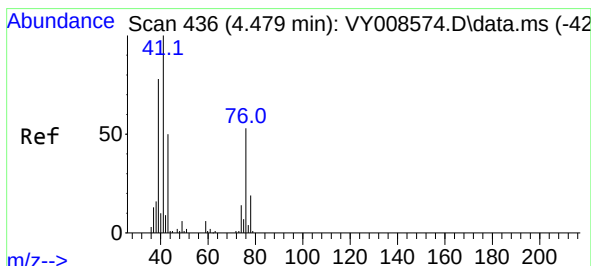
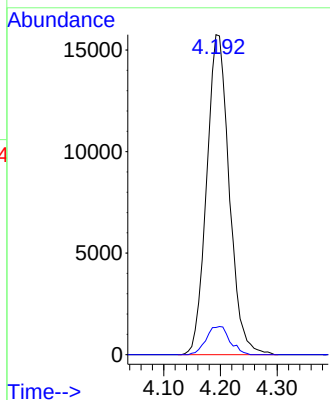
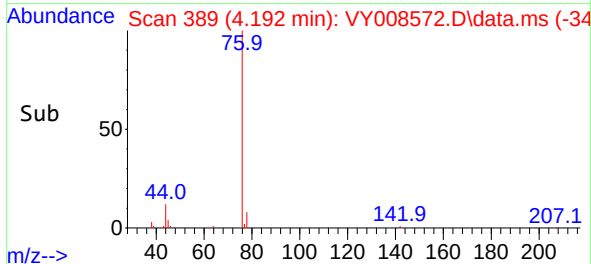
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



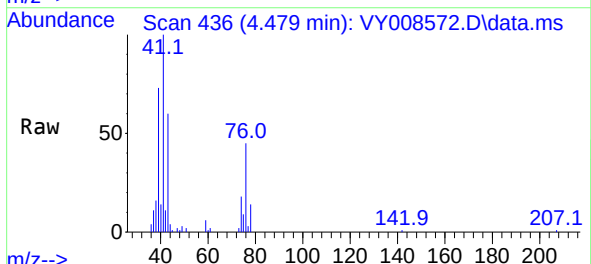
Tgt Ion: 76 Resp: 4366
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
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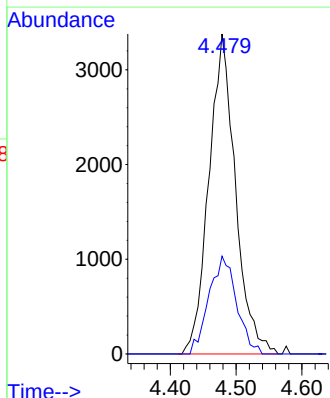
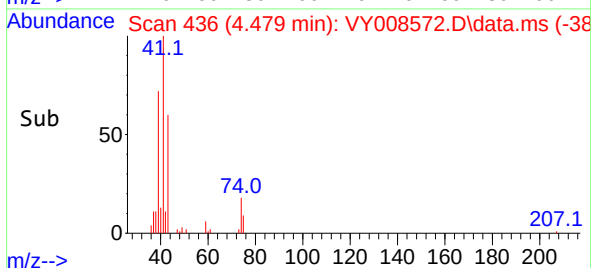
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

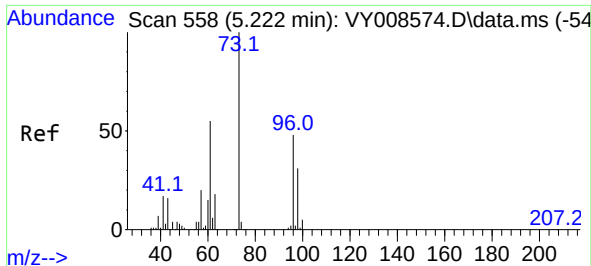


#18
Methyl Acetate
Concen: 8.625 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



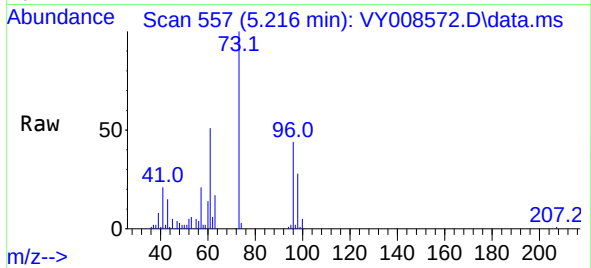
Tgt Ion: 43 Resp: 9505
Ion Ratio Lower Upper
43 100
74 31.7 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 8.859 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

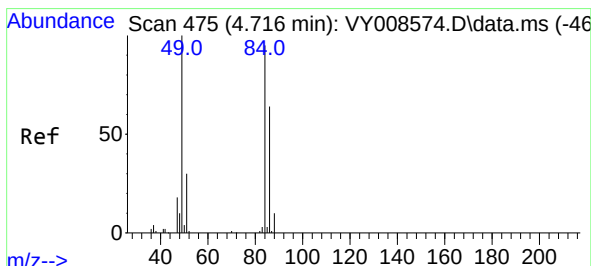
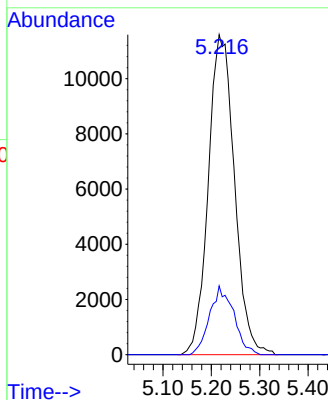
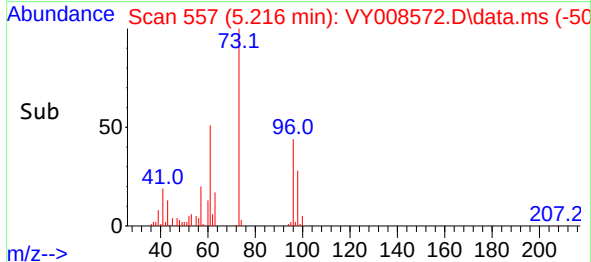
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 4352
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8

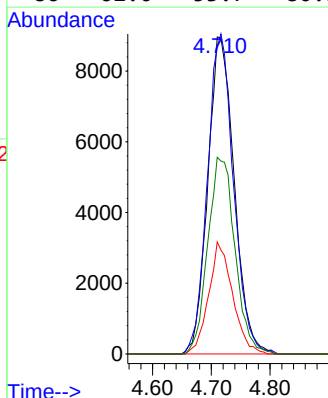
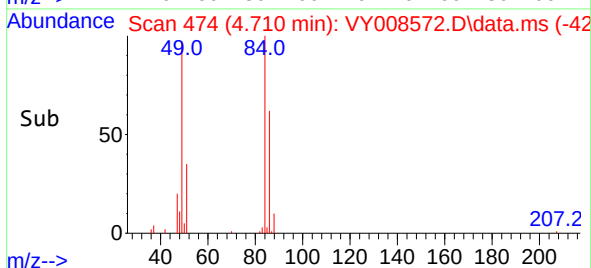
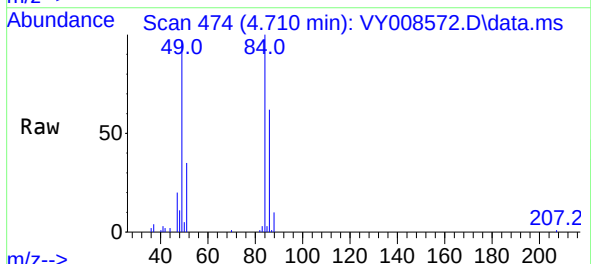
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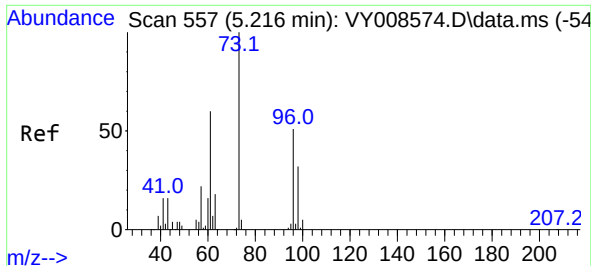
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#20
Methylene Chloride
Concen: 11.157 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

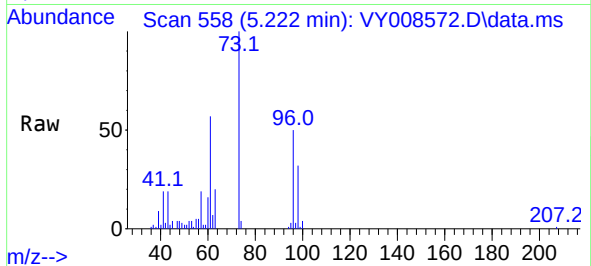
Tgt Ion: 84 Resp: 28001
Ion Ratio Lower Upper
84 100
49 96.8 114.4 171.6#
51 35.3 35.3 52.9
86 62.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 8.809 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

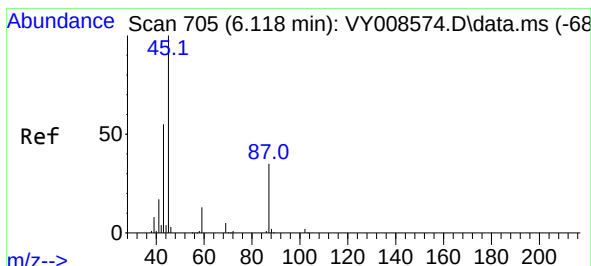
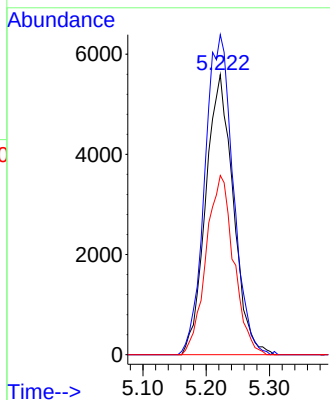
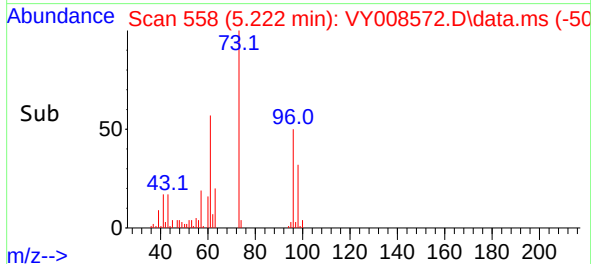
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



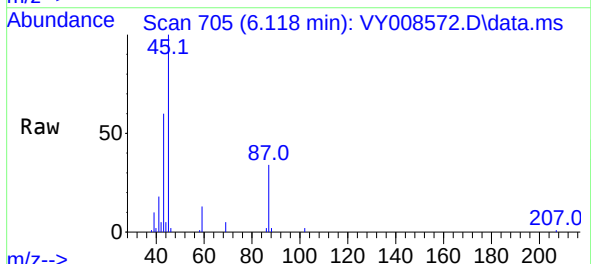
Tgt Ion: 96 Resp: 1693
Ion Ratio Lower Upper
96 100
61 114.3 120.5 180.7
98 64.0 49.8 74.8

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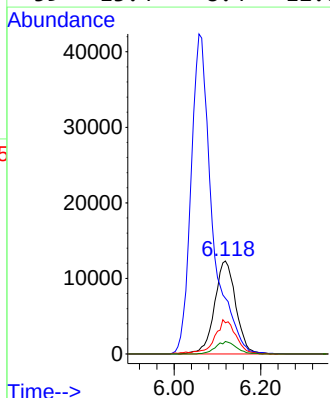
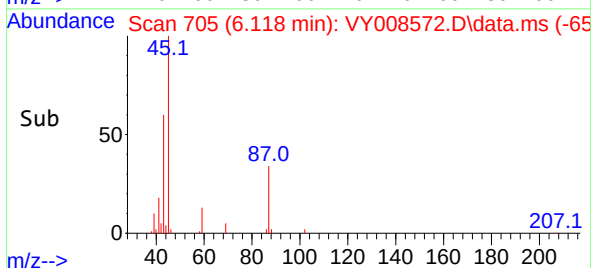
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

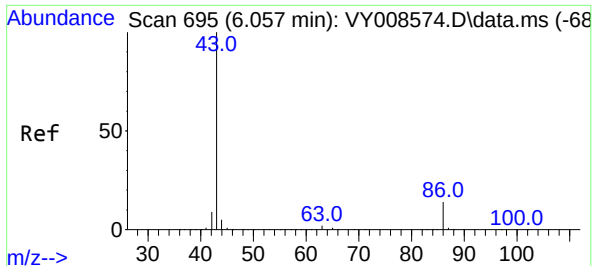


#22
Diisopropyl ether
Concen: 8.535 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



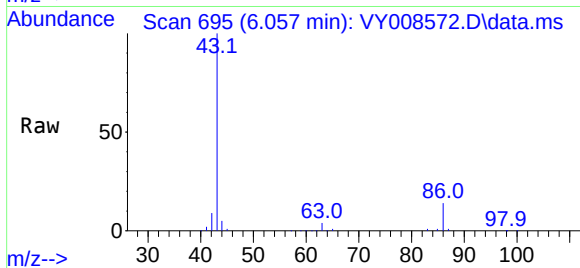
Tgt Ion: 45 Resp: 42015
Ion Ratio Lower Upper
45 100
43 59.3 49.3 73.9
87 33.5 19.2 28.8#
59 13.4 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 43.041 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34

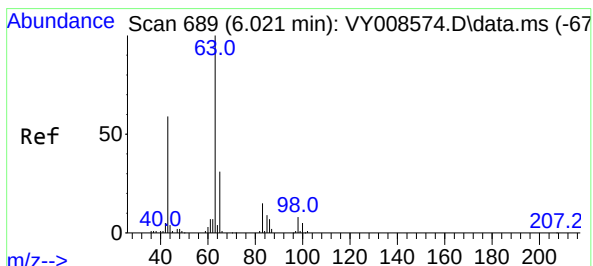
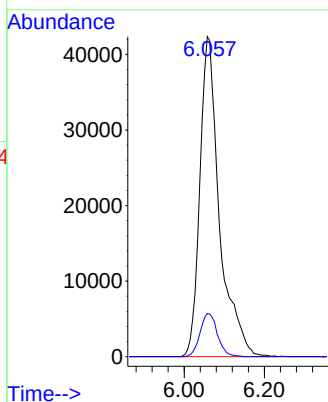
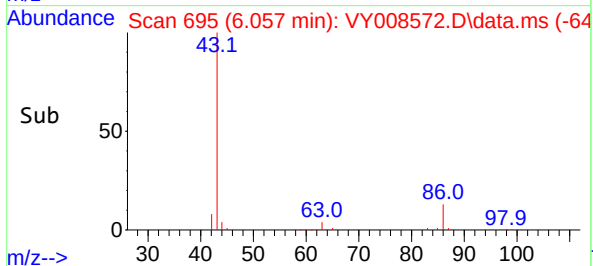
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



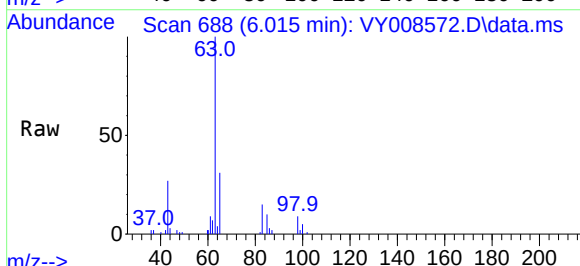
Tgt Ion: 43 Resp: 143894
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.1 10.7

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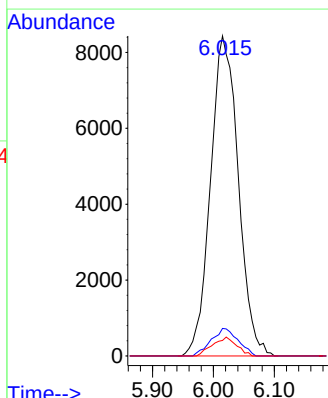
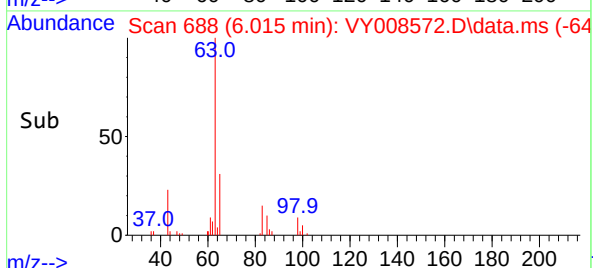
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022

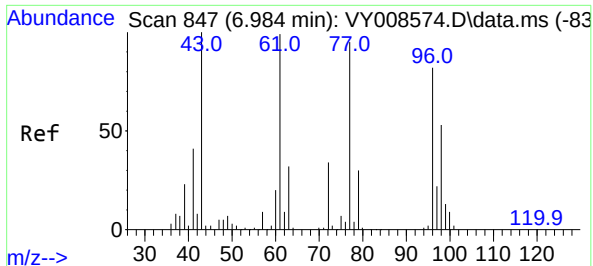


#24
 1,1-Dichloroethane
 Concen: 8.705 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34



Tgt Ion: 63 Resp: 26735
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 43.454 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 2615

Ion Ratio Lower Upper

43 100

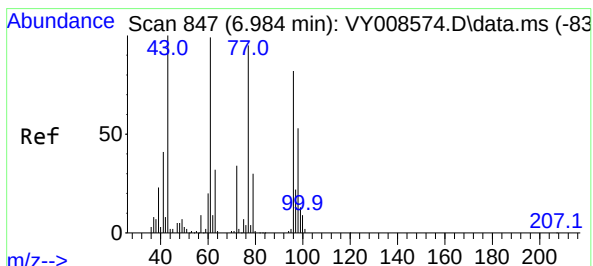
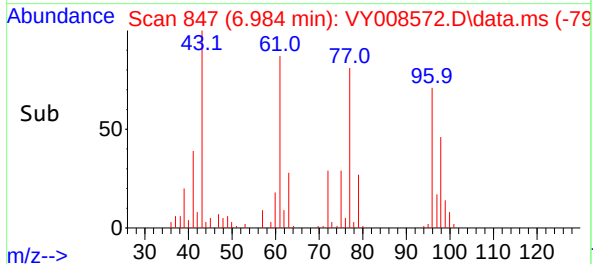
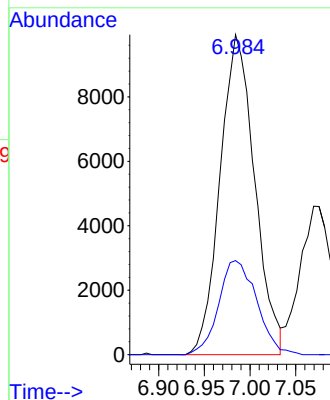
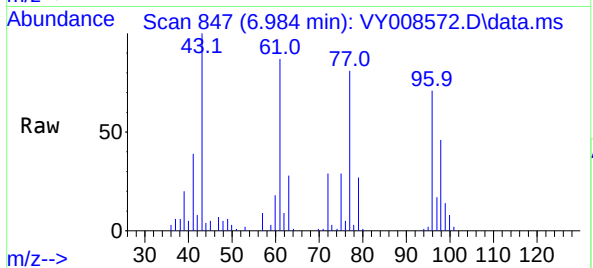
72 29.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#26

2,2-Dichloropropane

Concen: 8.904 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008572.D

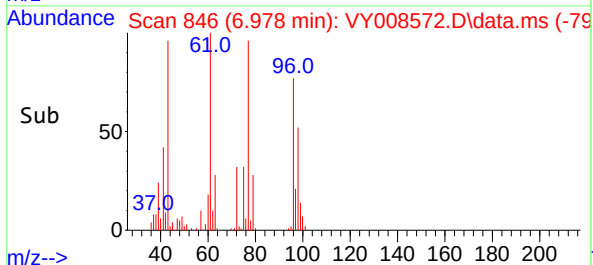
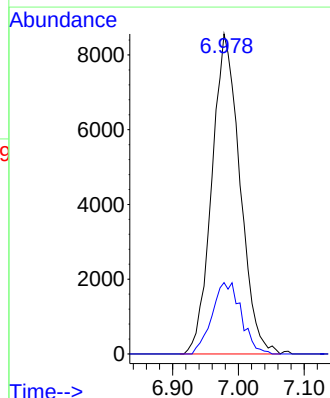
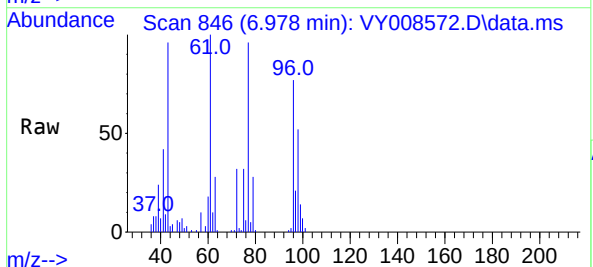
Acq: 02 May 2022 15:34

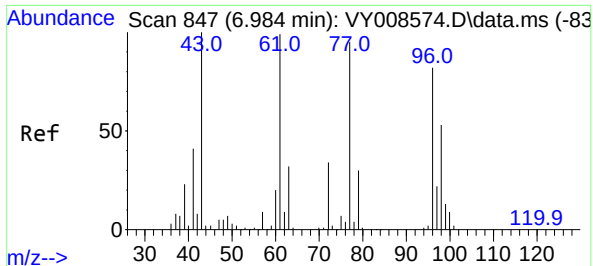
Tgt Ion: 77 Resp: 25480

Ion Ratio Lower Upper

77 100

97 23.2 10.4 31.4





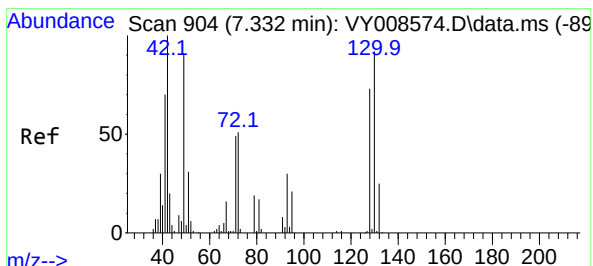
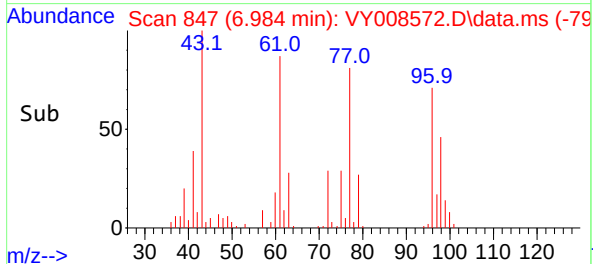
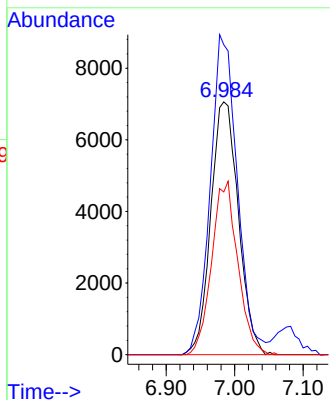
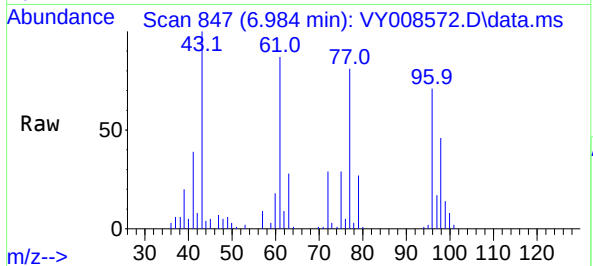
#27
 cis-1,2-Dichloroethene
 Concen: 9.009 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:	96	Resp:	1976
Ion	Ratio	Lower	Upper
96	100		
61	123.4	0.0	319.8
98	64.8	0.0	127.0

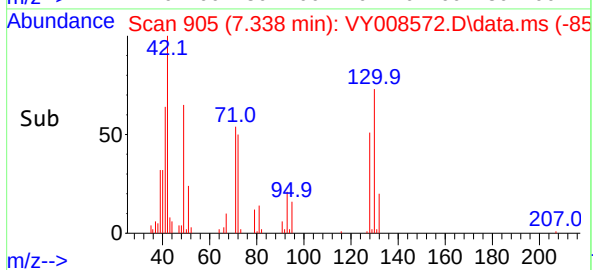
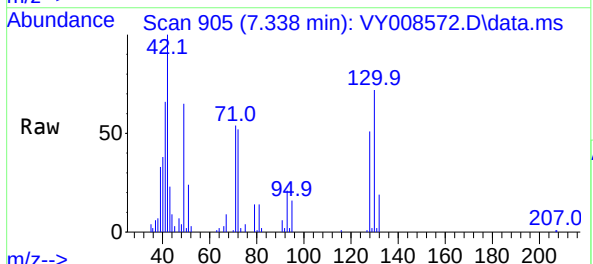
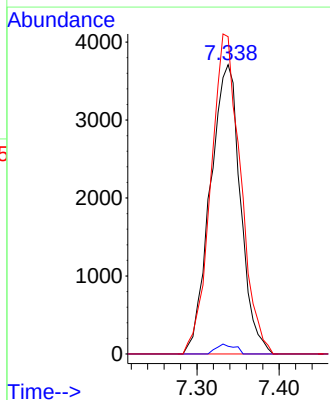
Manual Integrations
 APPROVED

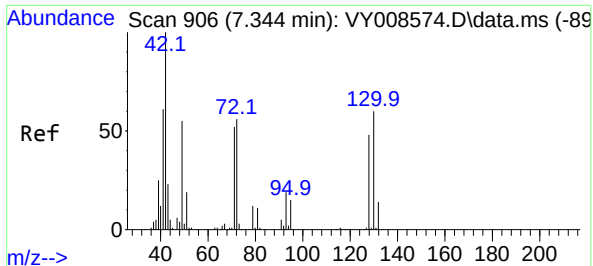
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022



#28
 Bromochloromethane
 Concen: 7.778 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34

Tgt Ion:	49	Resp:	9458
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	109.0	55.4	83.0





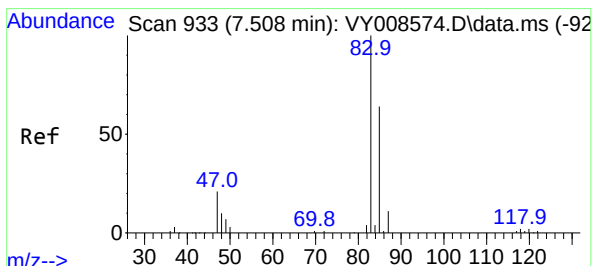
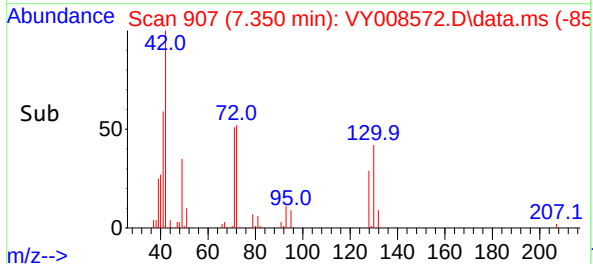
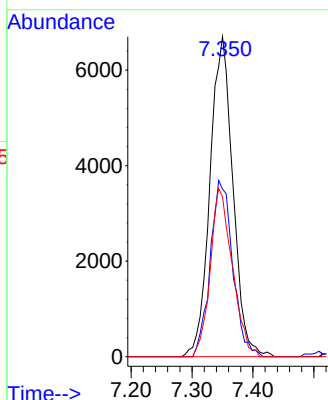
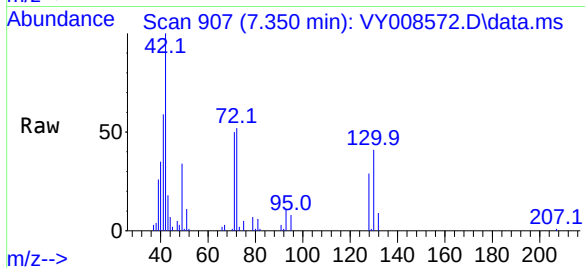
#29
Tetrahydrofuran
Concen: 44.868 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 1752
Ion Ratio Lower Upper
42 100
72 53.9 30.3 45.5
71 50.5 29.0 43.4

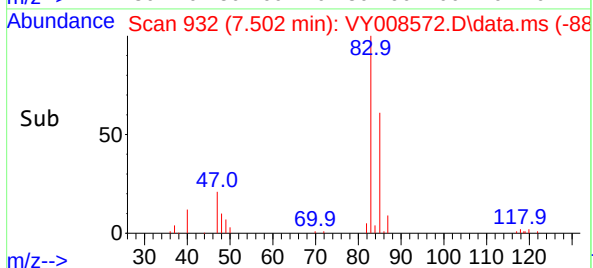
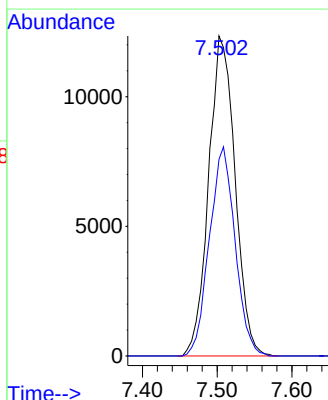
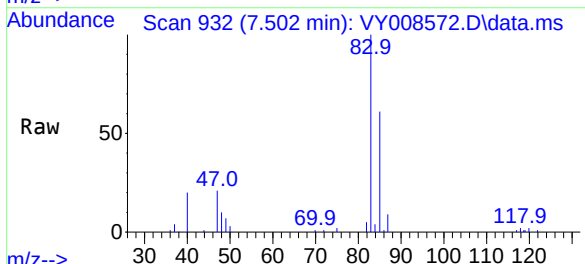
Manual Integrations
APPROVED

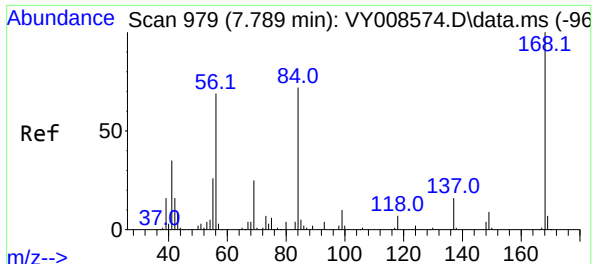
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#30
Chloroform
Concen: 8.986 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

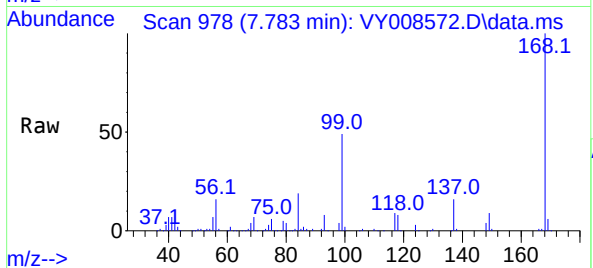
Tgt Ion: 83 Resp: 30362
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.6





#31
Cyclohexane
Concen: 8.794 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

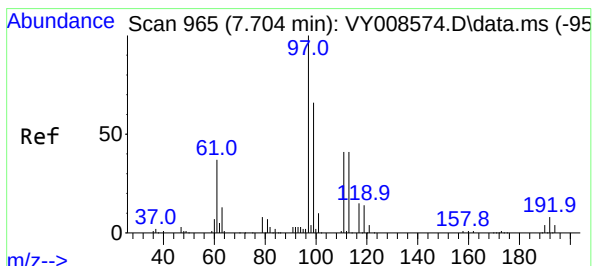
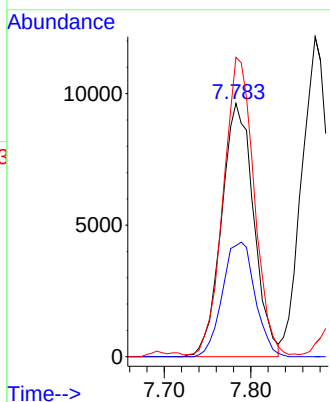
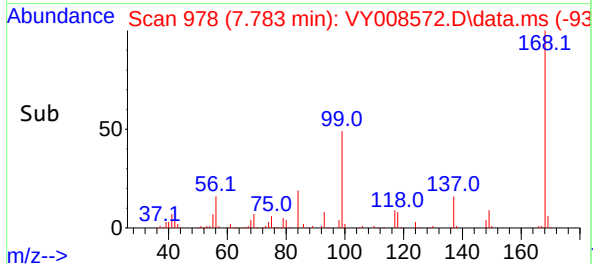
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



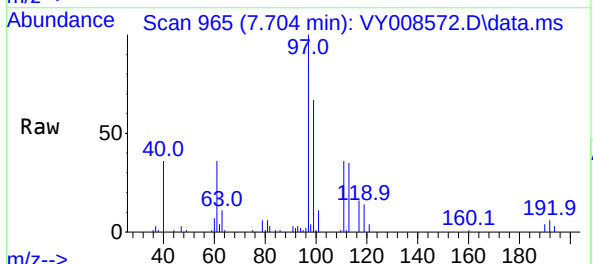
Tgt Ion: 56 Resp: 24839
Ion Ratio Lower Upper
56 100
69 43.8 26.7 40.1
84 116.7 67.2 100.8

Manual Integrations
APPROVED

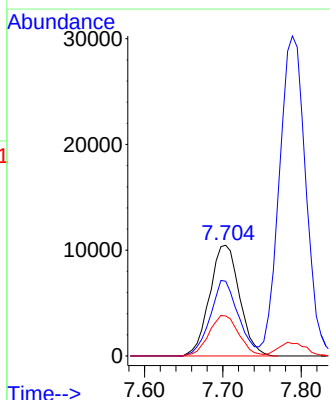
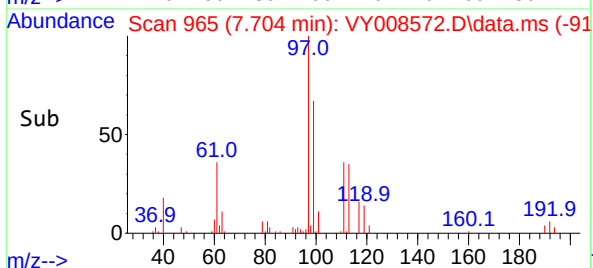
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

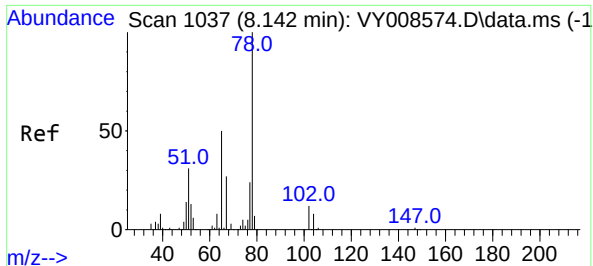


#32
1,1,1-Trichloroethane
Concen: 9.285 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



Tgt Ion: 97 Resp: 27722
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 36.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 7.628 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 12770

Ion Ratio Lower Upper

65 100

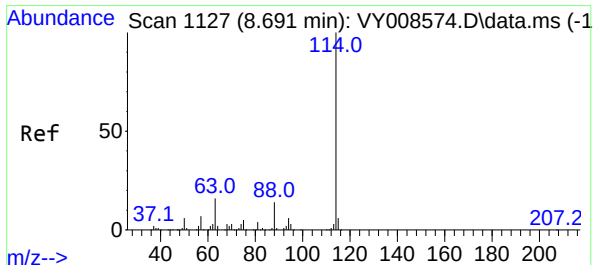
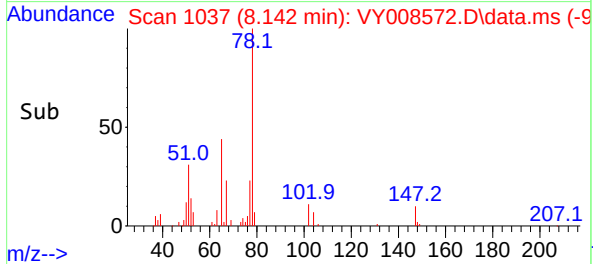
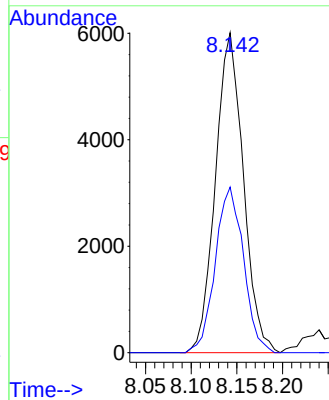
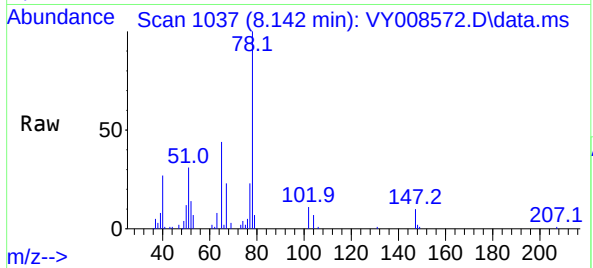
67 52.3 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

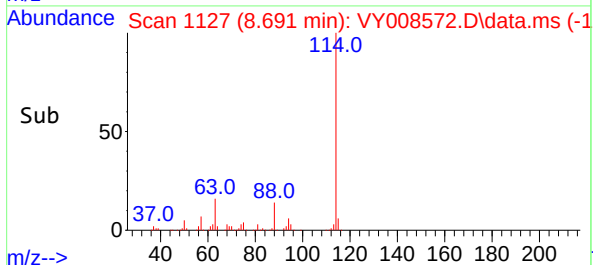
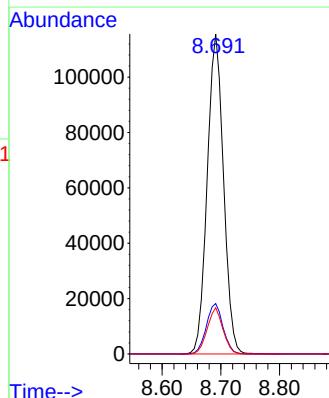
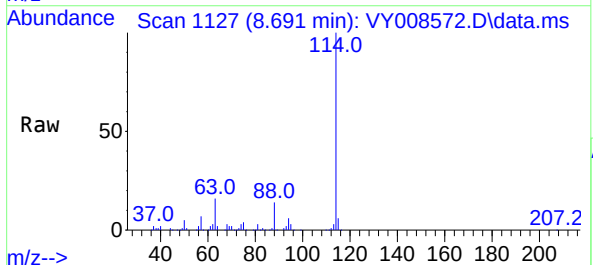
Tgt Ion:114 Resp: 222142

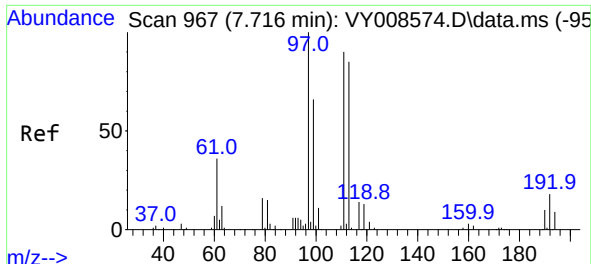
Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

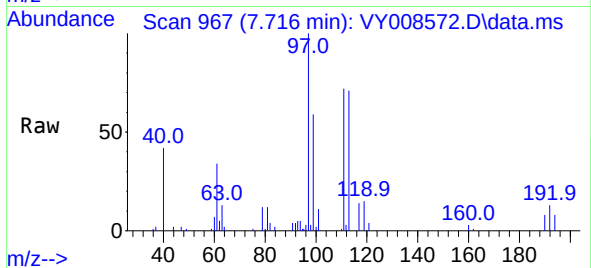
88 14.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 9.171 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

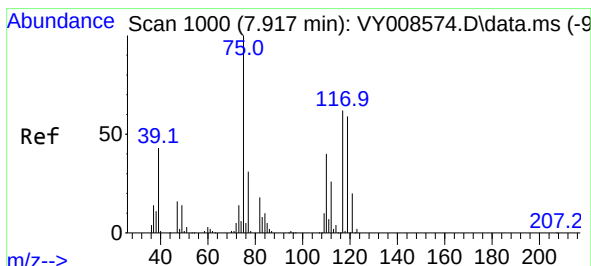
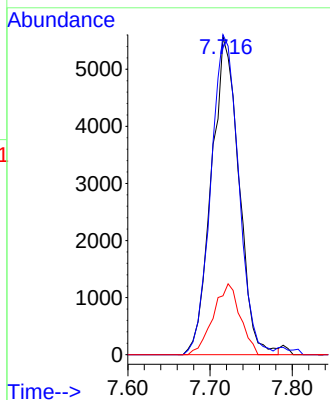
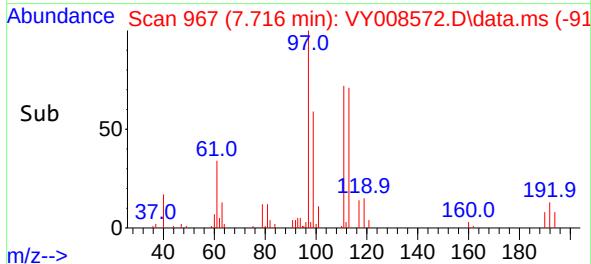
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



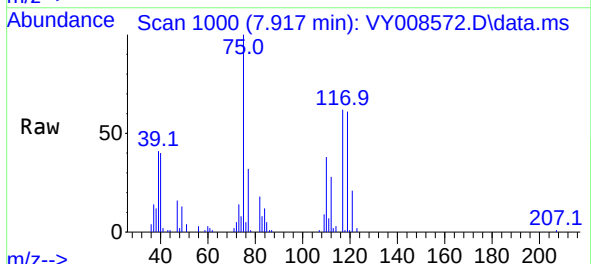
Tgt Ion: 113 Resp: 12940
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 21.9 17.6 26.4

Manual Integrations
APPROVED

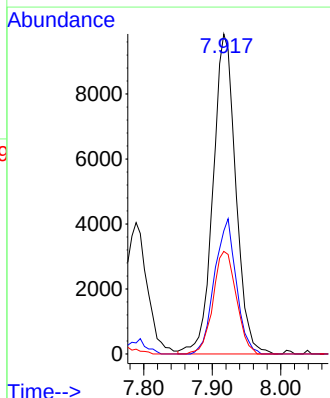
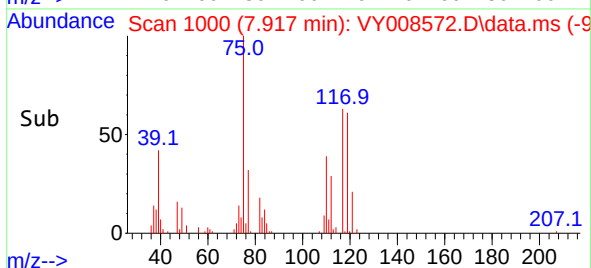
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

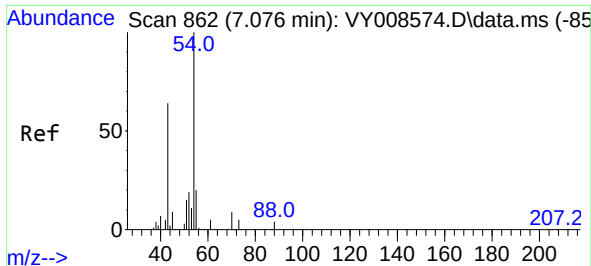


#36
1,1-Dichloropropene
Concen: 9.941 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



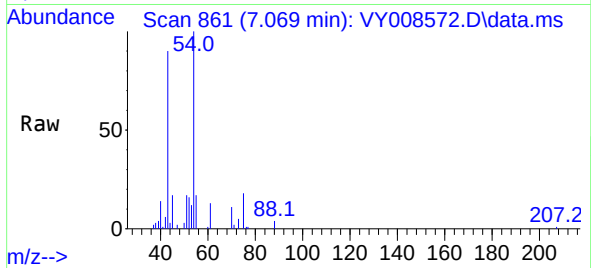
Tgt Ion: 75 Resp: 22605
Ion Ratio Lower Upper
75 100
110 40.5 17.1 51.2
77 32.8 24.4 36.6





#37
Ethyl Acetate
Concen: 9.959 ug/l
RT: 7.069 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

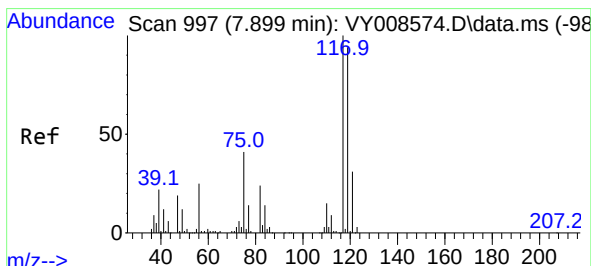
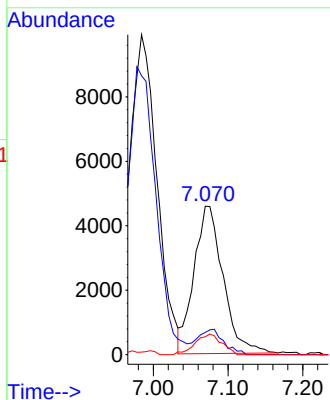
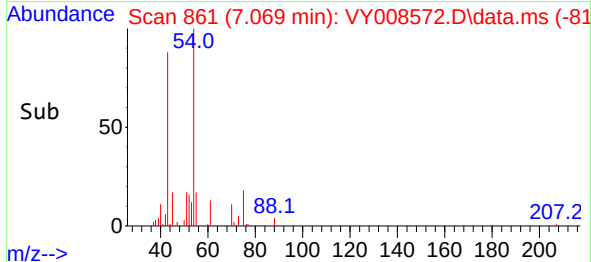
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 12345
Ion Ratio Lower Upper
43 100
61 15.8 9.7 14.5
70 12.8 7.1 10.7

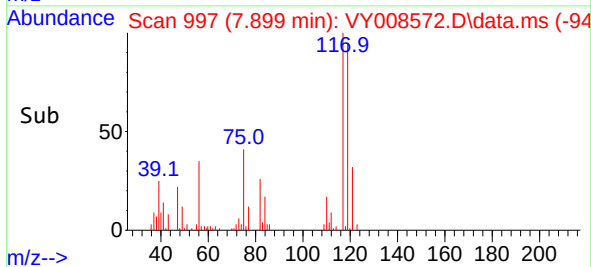
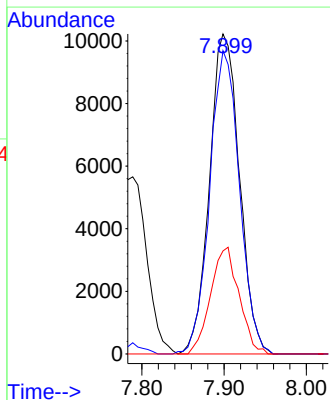
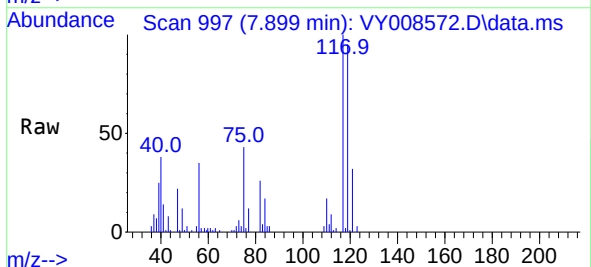
Manual Integrations
APPROVED

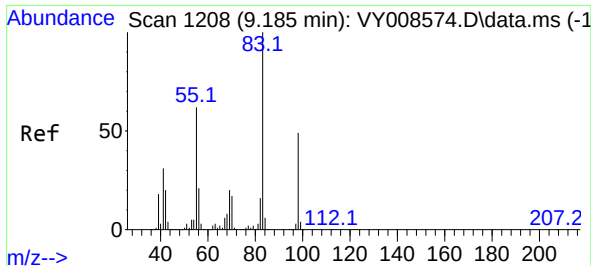
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#38
Carbon Tetrachloride
Concen: 10.803 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion:117 Resp: 25928
Ion Ratio Lower Upper
117 100
119 94.8 77.9 116.9
121 32.2 24.8 37.2





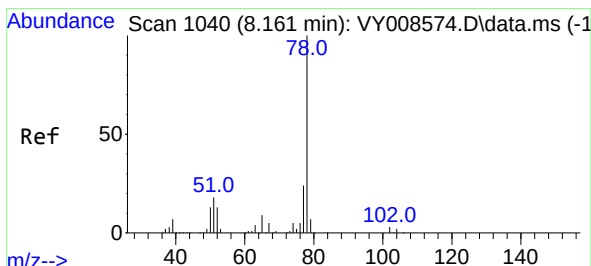
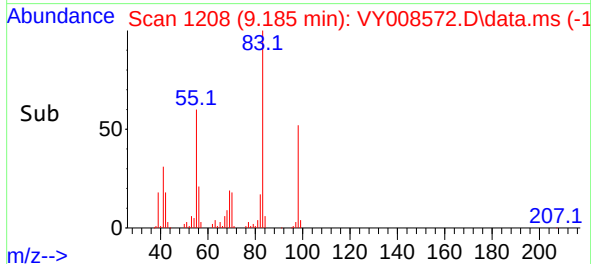
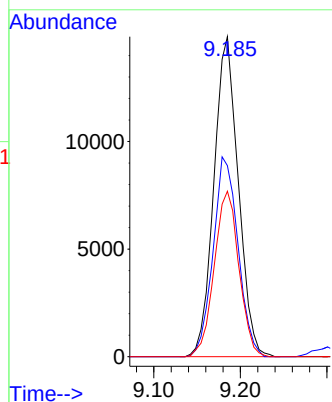
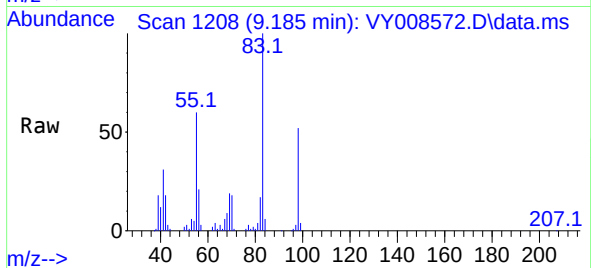
#39
Methylcyclohexane
Concen: 9.930 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 29062
Ion Ratio Lower Upper
83 100
55 59.7 66.5 99.7
98 51.7 37.9 56.9

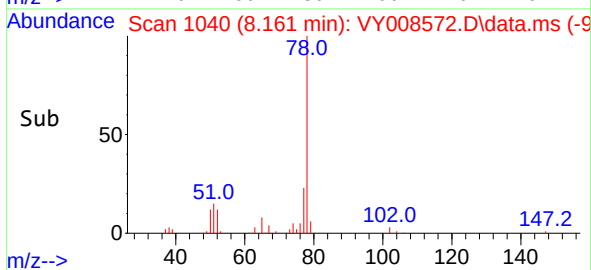
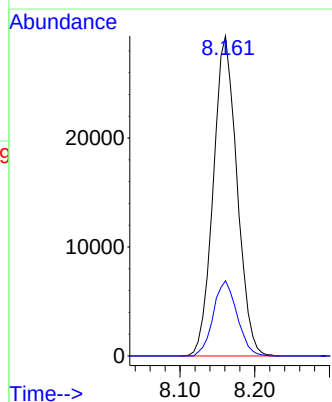
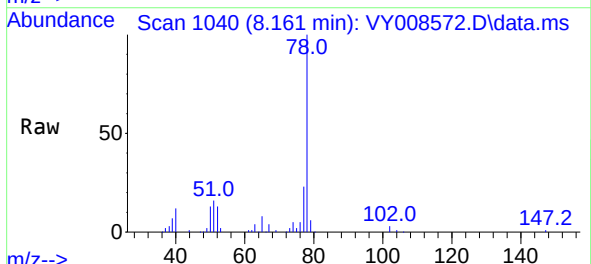
Manual Integrations
APPROVED

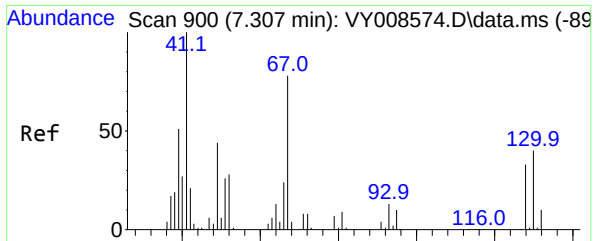
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#40
Benzene
Concen: 9.798 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

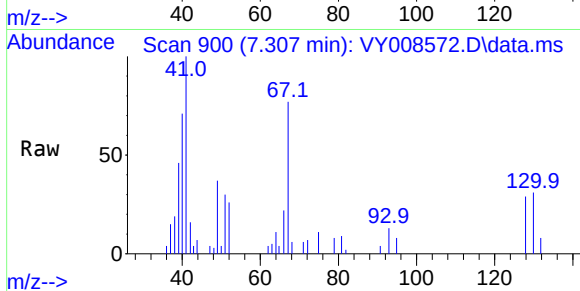
Tgt Ion: 78 Resp: 64745
Ion Ratio Lower Upper
78 100
77 23.5 20.4 30.6





#41
Methacrylonitrile
Concen: 8.171 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

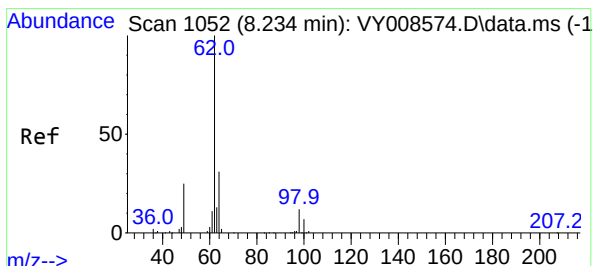
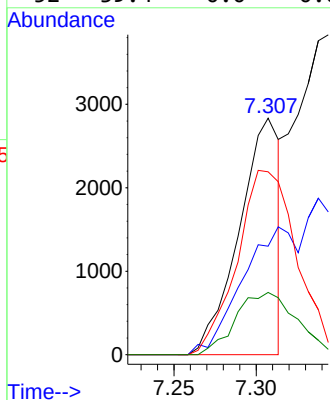
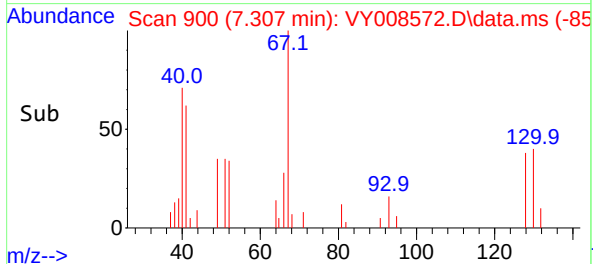
Instrument :
MSVOA_Y
Client Sample Id :
VSTDIC010



Tgt Ion: 41 Resp: 4892
Ion Ratio Lower Upper
41 100
39 72.8 92.9 139.3
67 116.1 0.0 0.0
52 39.4 0.0 0.0

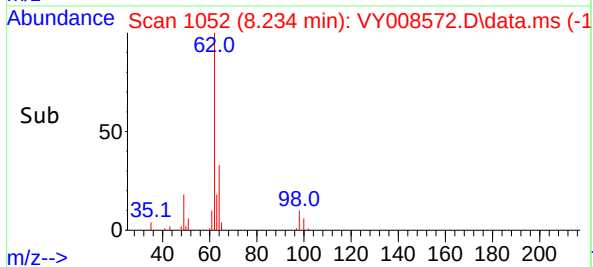
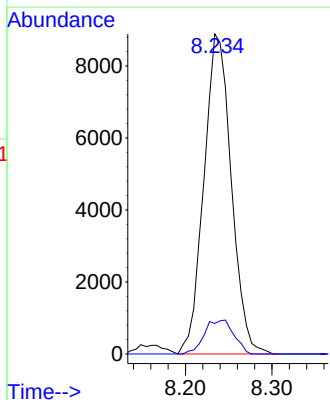
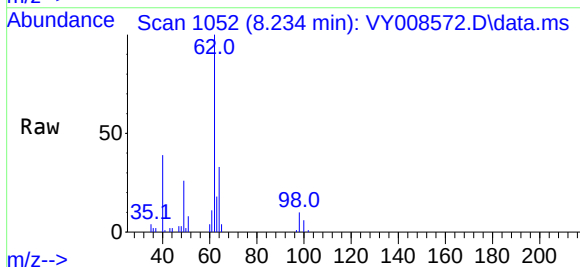
Manual Integrations
APPROVED

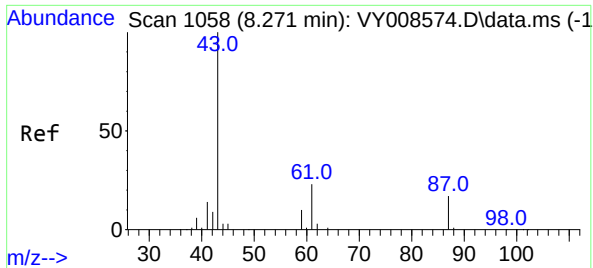
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#42
1,2-Dichloroethane
Concen: 9.922 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

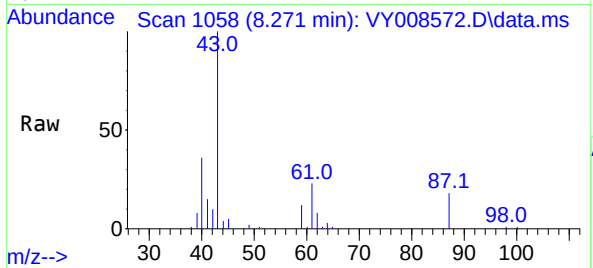
Tgt Ion: 62 Resp: 19538
Ion Ratio Lower Upper
62 100
98 11.4 0.0 14.8





#43
Isopropyl Acetate
Concen: 9.505 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

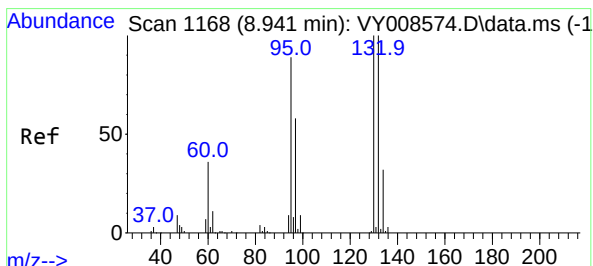
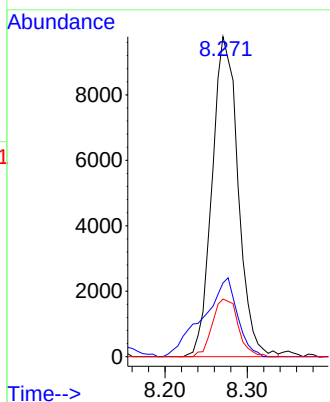
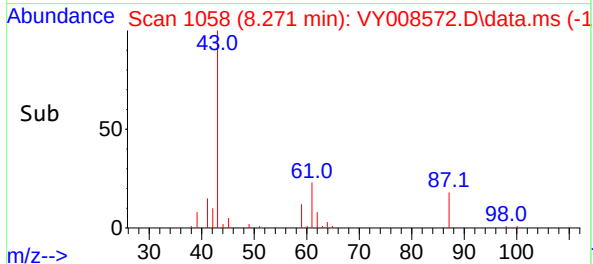
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 2153
Ion Ratio Lower Upper
43 100
61 32.5 20.2 30.2
87 17.9 8.9 13.3

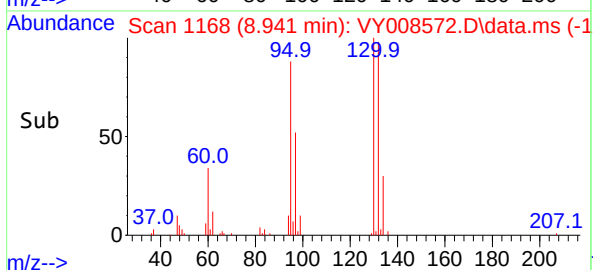
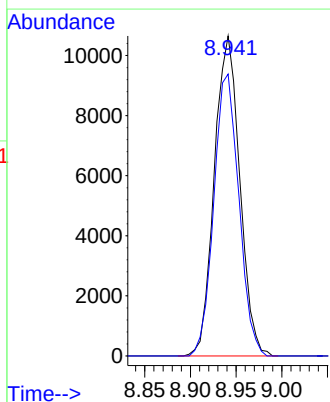
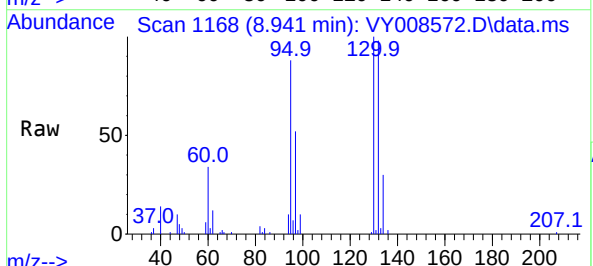
Manual Integrations
APPROVED

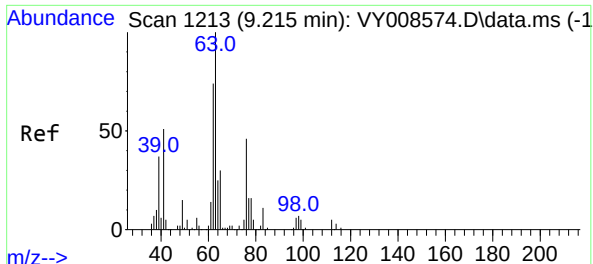
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#44
Trichloroethene
Concen: 11.060 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion:130 Resp: 20622
Ion Ratio Lower Upper
130 100
95 88.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 9.821 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 1546

Ion Ratio Lower Upper

63 100

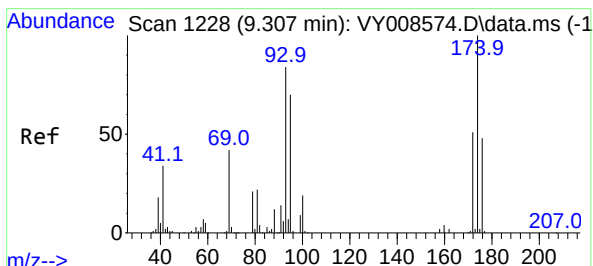
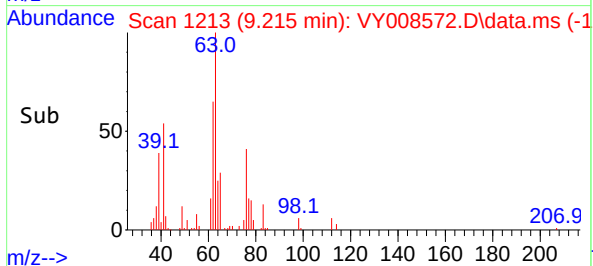
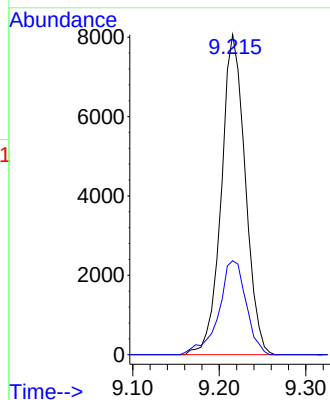
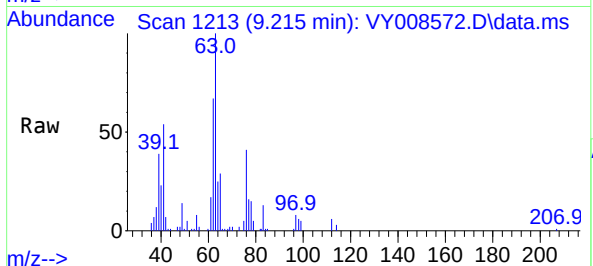
65 29.3 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#46

Dibromomethane

Concen: 9.894 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

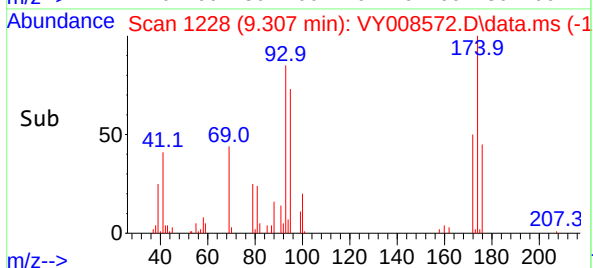
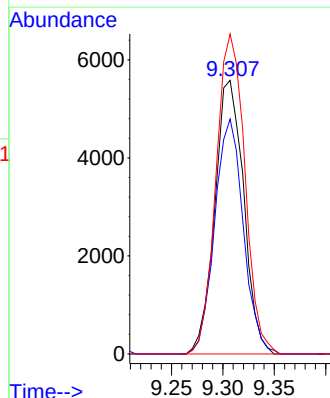
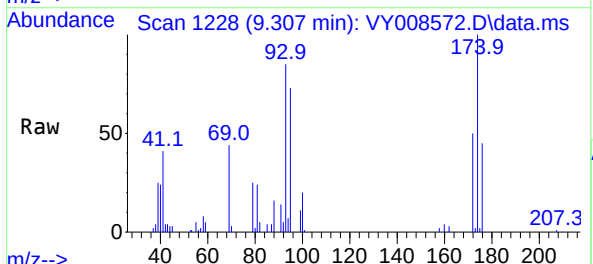
Tgt Ion: 93 Resp: 10863

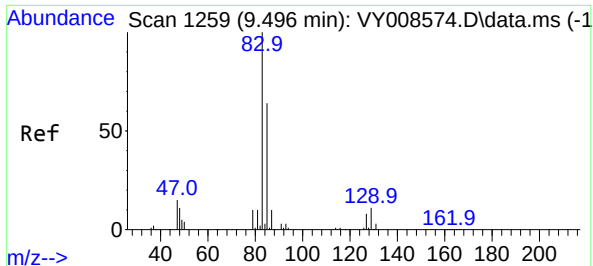
Ion Ratio Lower Upper

93 100

95 85.3 64.3 96.5

174 116.9 83.4 125.0





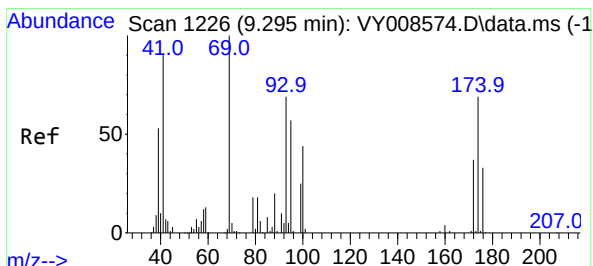
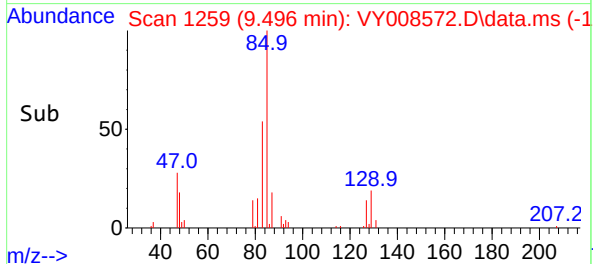
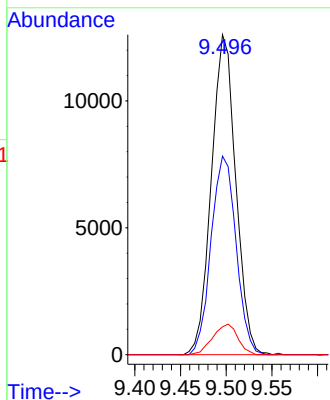
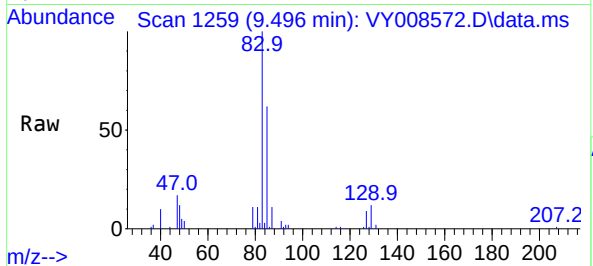
#47
Bromodichloromethane
Concen: 9.953 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 2338
Ion Ratio Lower Upper
83 100
85 62.1 51.9 77.9
127 8.7 6.6 10.0

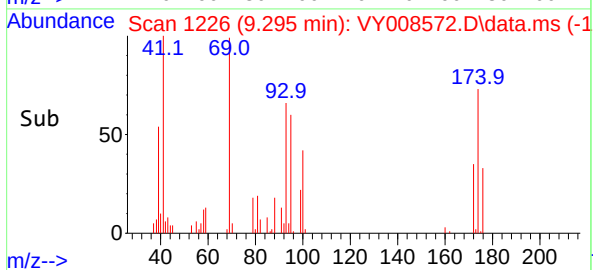
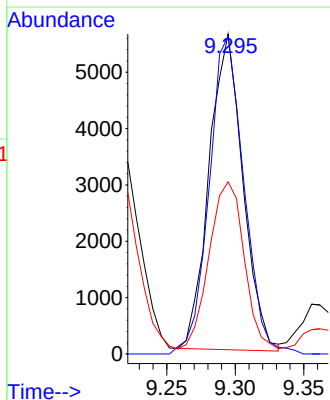
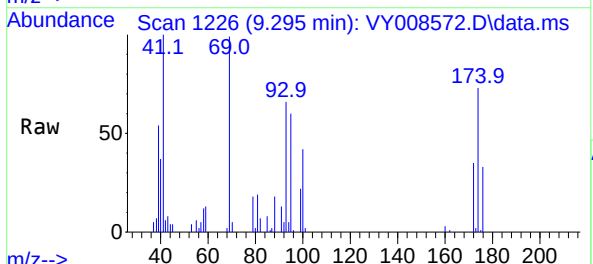
Manual Integrations
APPROVED

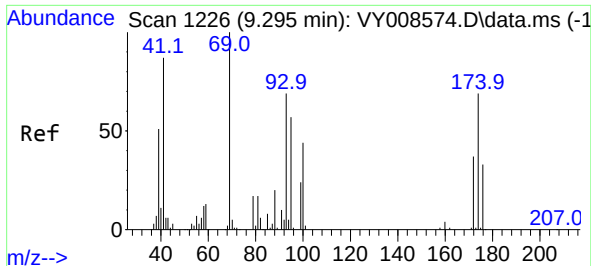
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#48
Methyl methacrylate
Concen: 9.948 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

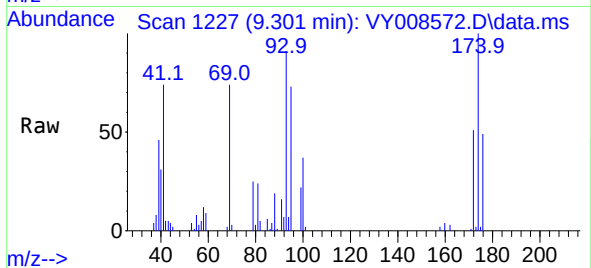
Tgt Ion: 41 Resp: 9598
Ion Ratio Lower Upper
41 100
69 103.5 58.2 87.2#
39 55.4 47.4 71.0





#49
1,4-Dioxane
Concen: 210.582 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

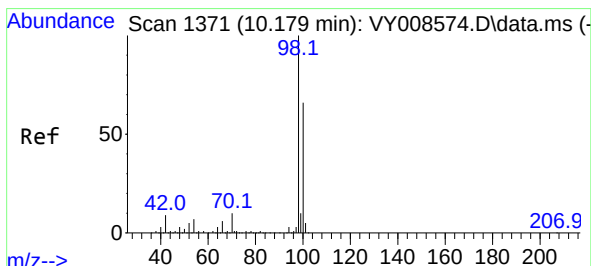
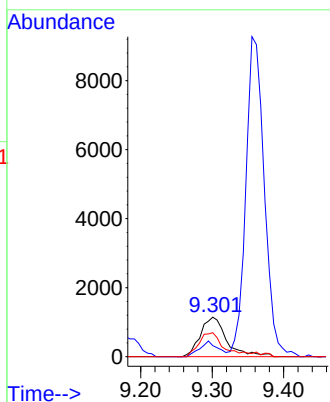
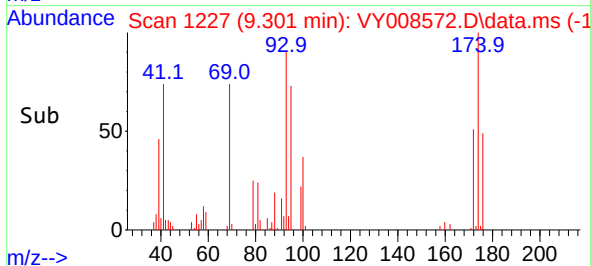
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



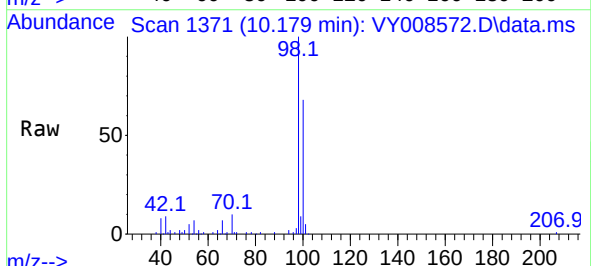
Tgt Ion: 88 Resp: 2932
Ion Ratio Lower Upper
88 100
43 26.9 32.8 49.2
58 62.5 59.8 89.6

Manual Integrations
APPROVED

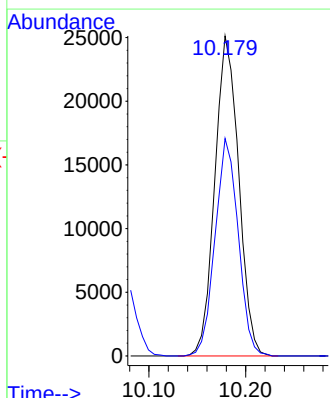
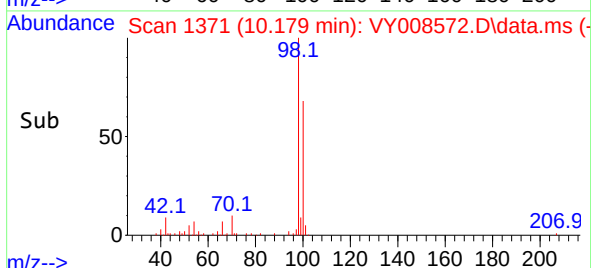
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

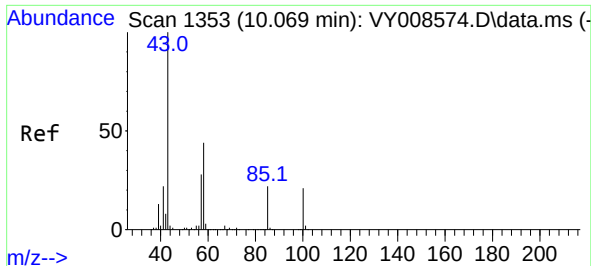


#50
Toluene-d8
Concen: 8.391 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



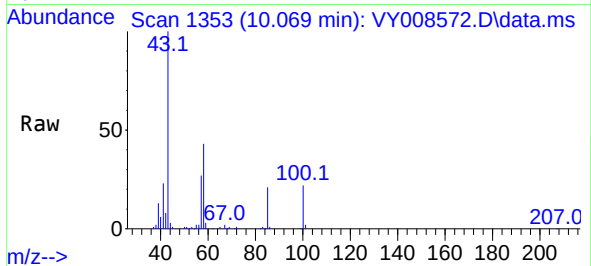
Tgt Ion: 98 Resp: 43017
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 48.869 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

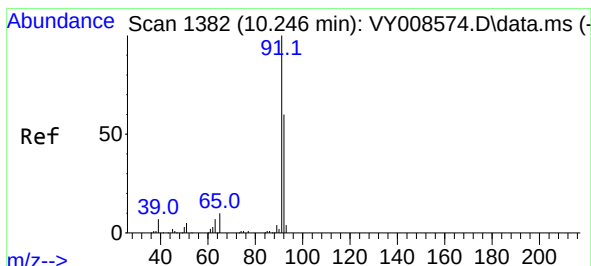
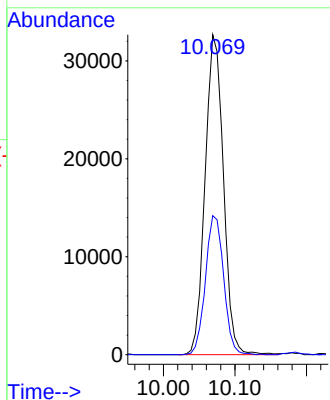
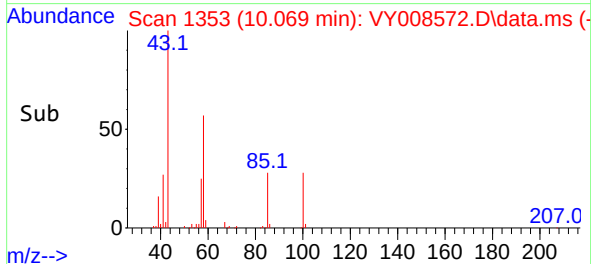
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



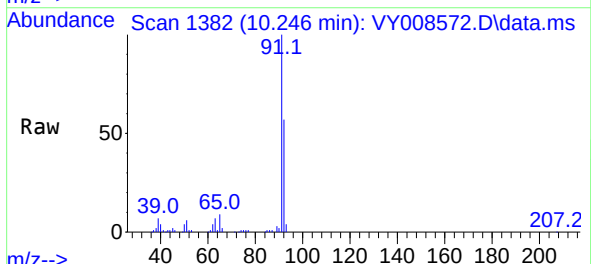
Tgt Ion: 43 Resp: 5817
Ion Ratio Lower Upper
43 100
58 43.2 28.1 42.1

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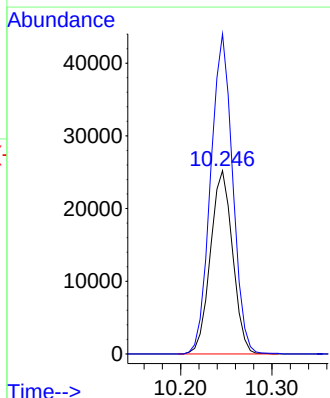
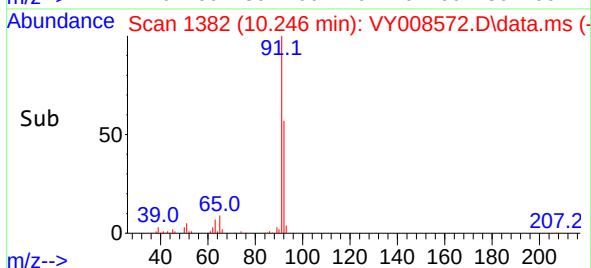
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

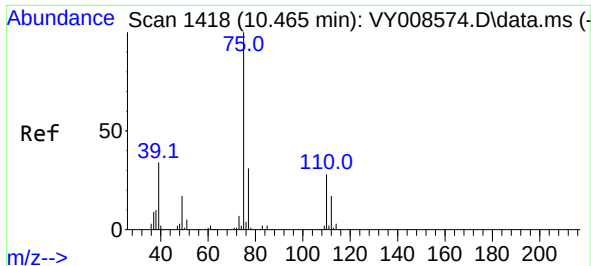


#52
Toluene
Concen: 9.698 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



Tgt Ion: 92 Resp: 42424
Ion Ratio Lower Upper
92 100
91 173.2 142.6 213.8





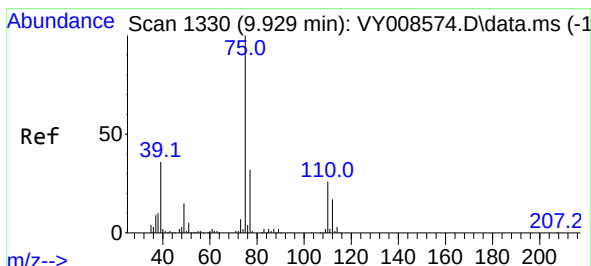
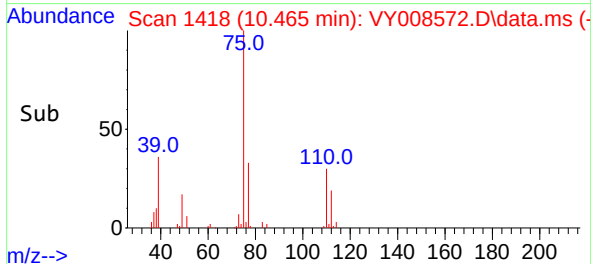
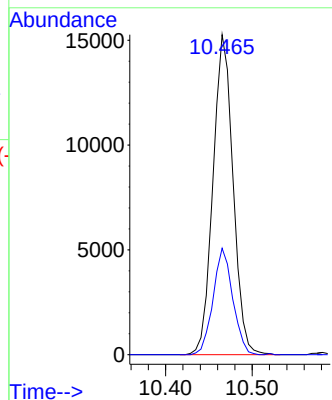
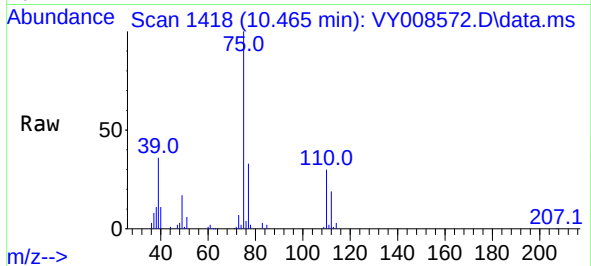
#53
 t-1,3-Dichloropropene
 Concen: 9.807 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 75 Resp: 24584
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.2

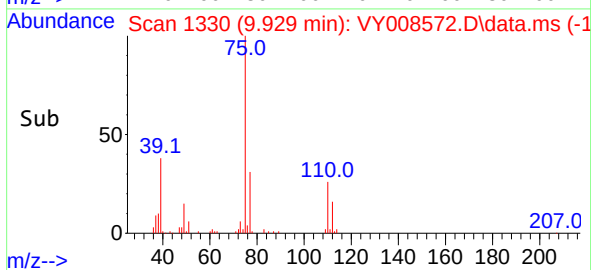
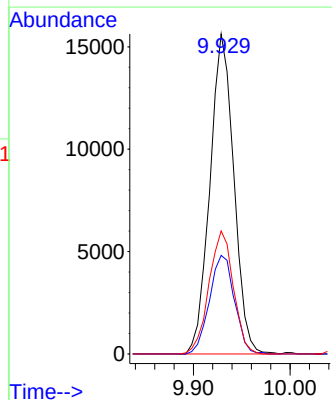
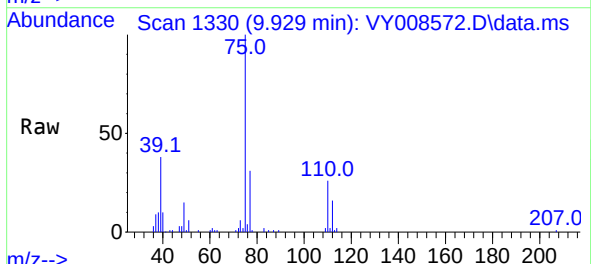
Manual Integrations
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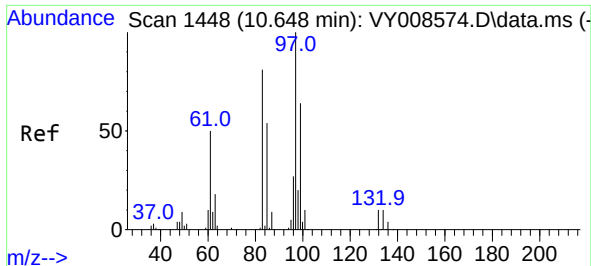
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022



#54
 cis-1,3-Dichloropropene
 Concen: 9.600 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34

Tgt Ion: 75 Resp: 26842
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.6 38.4
 39 38.5 47.6 71.4#





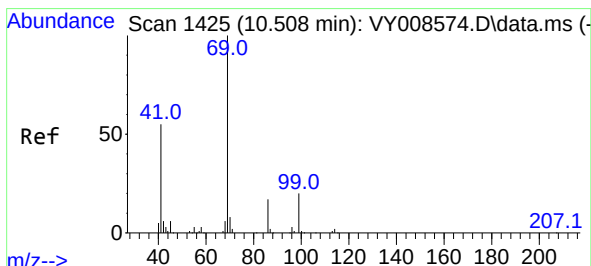
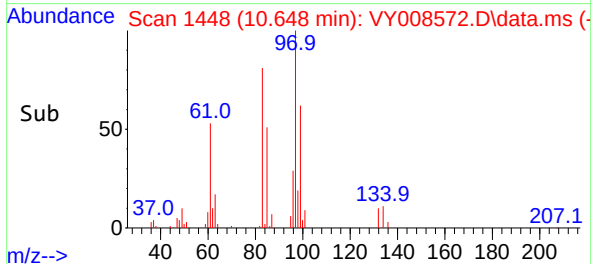
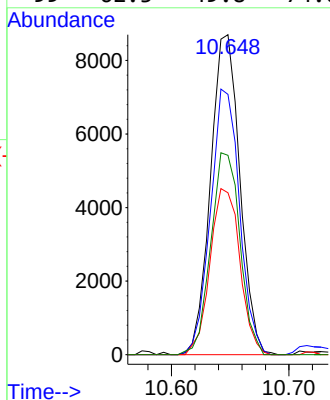
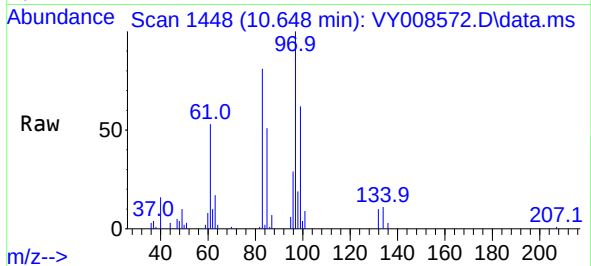
#55
1,1,2-Trichloroethane
Concen: 10.038 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.8	104.8
85	50.6	44.3	66.5
99	62.3	49.8	74.6

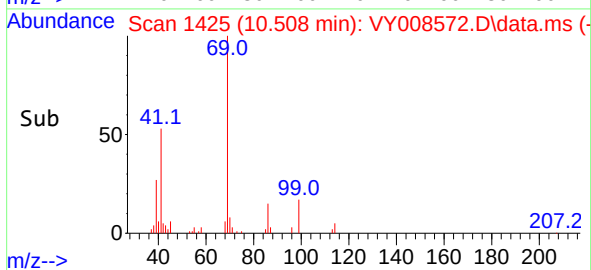
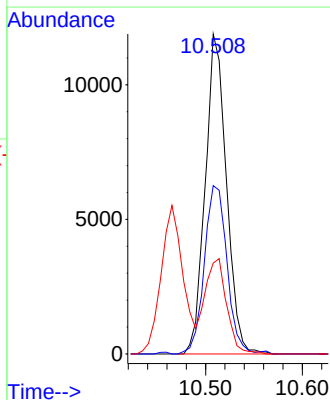
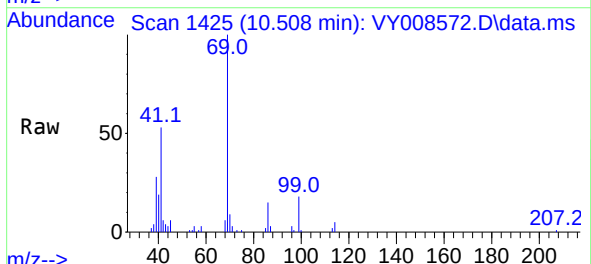
Manual Integrations
APPROVED

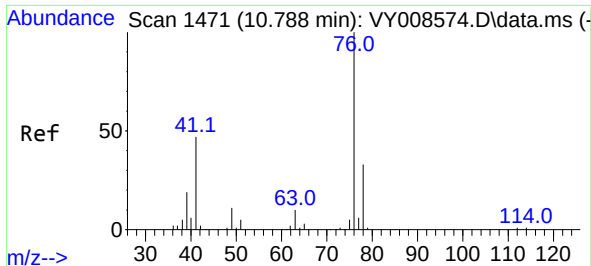
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#56
Ethyl methacrylate
Concen: 9.368 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.5	63.4	95.0#
39	30.6	35.8	53.8#





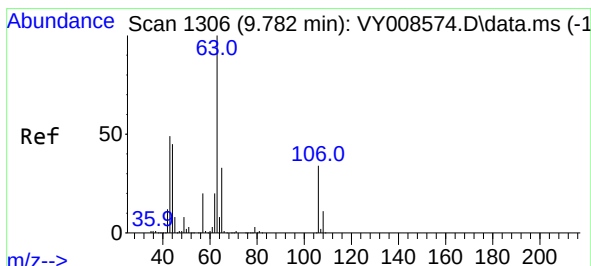
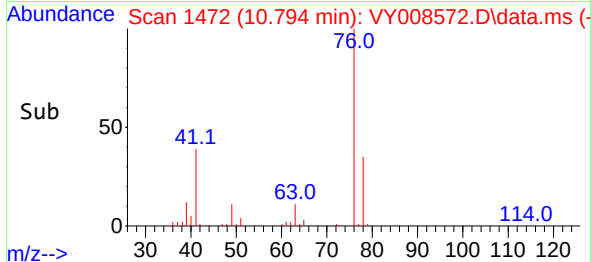
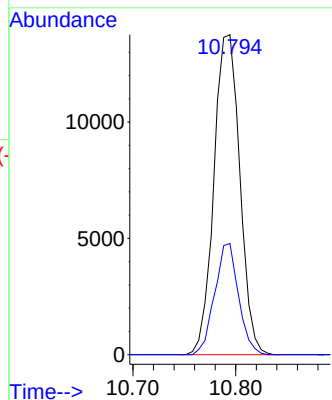
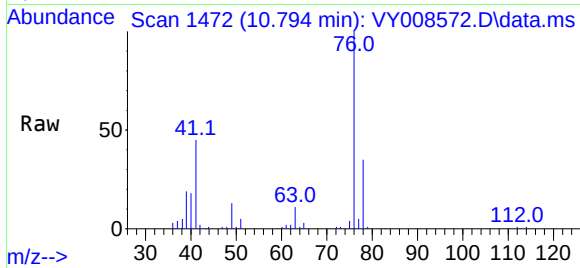
#57
1,3-Dichloropropane
Concen: 9.837 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 2409
Ion Ratio Lower Upper
76 100
78 31.9 25.0 37.6

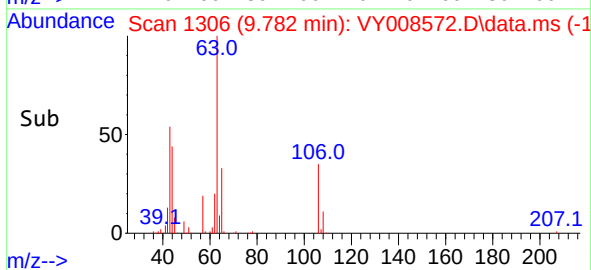
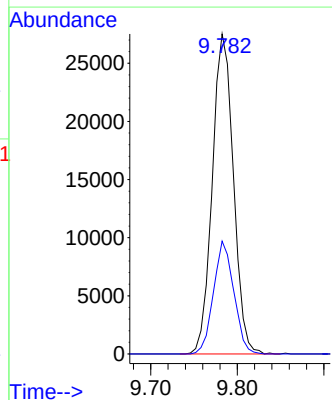
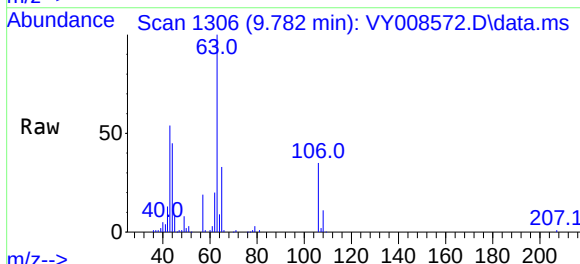
Manual Integrations
APPROVED

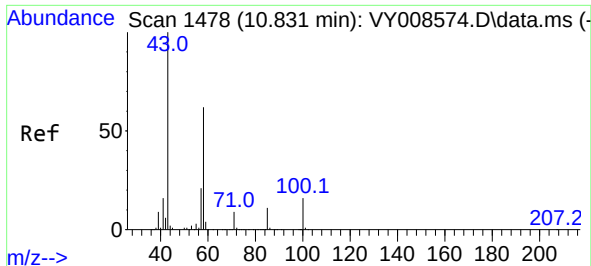
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#58
2-Chloroethyl Vinyl ether
Concen: 44.295 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

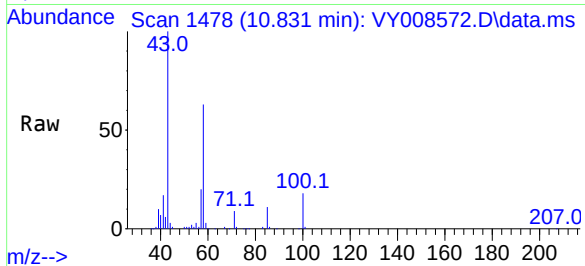
Tgt Ion: 63 Resp: 46570
Ion Ratio Lower Upper
63 100
106 34.0 21.5 32.3#





#59
2-Hexanone
Concen: 48.809 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

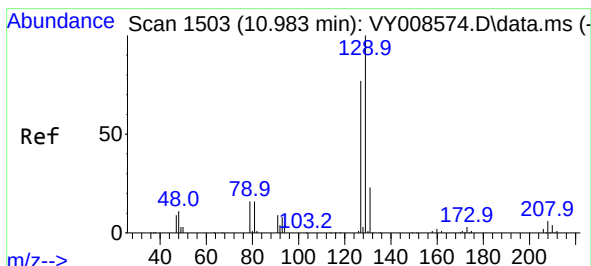
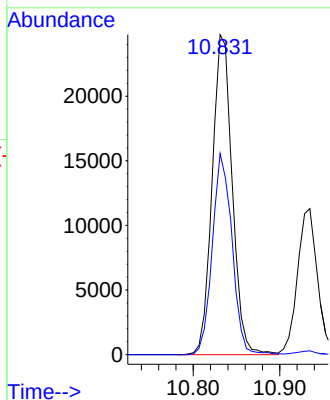
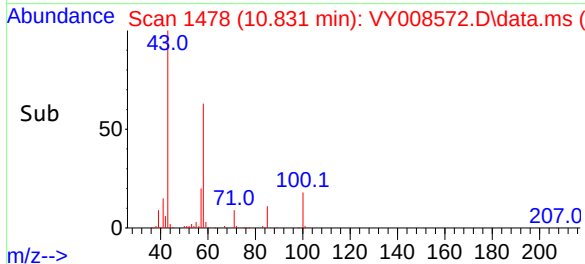
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



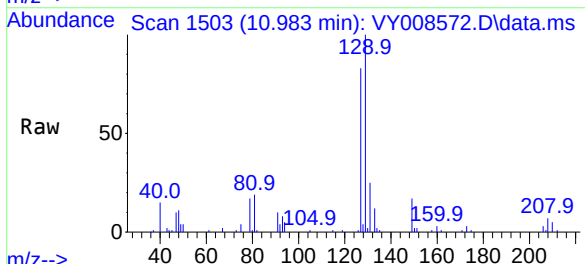
Tgt Ion: 43 Resp: 3986
Ion Ratio Lower Upper
43 100
58 61.6 24.4 73.4

Manual Integrations
APPROVED

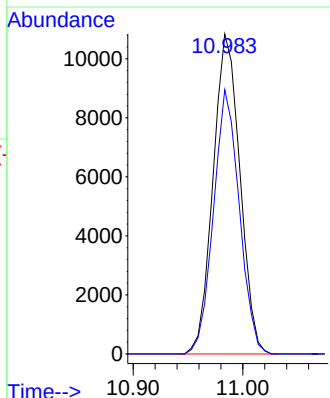
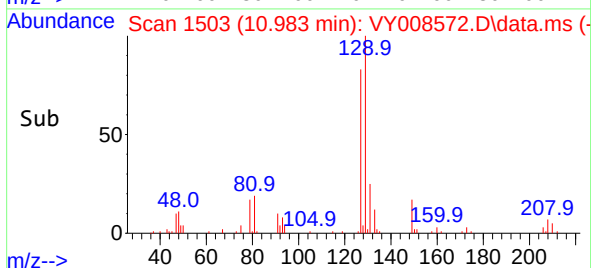
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

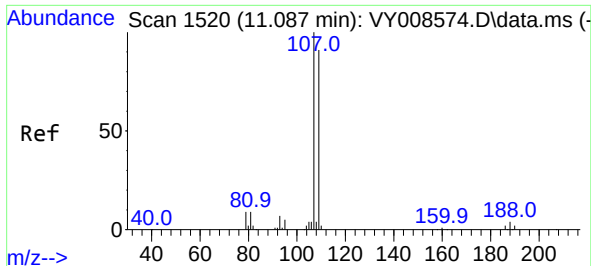


#60
Dibromochloromethane
Concen: 10.505 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



Tgt Ion:129 Resp: 18447
Ion Ratio Lower Upper
129 100
127 79.5 38.7 116.1





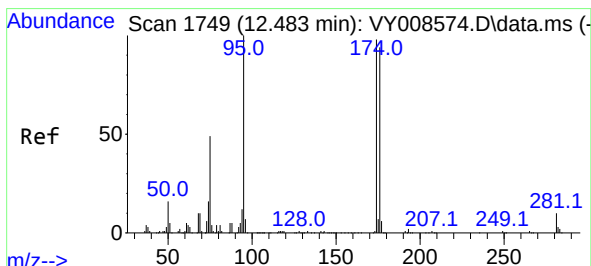
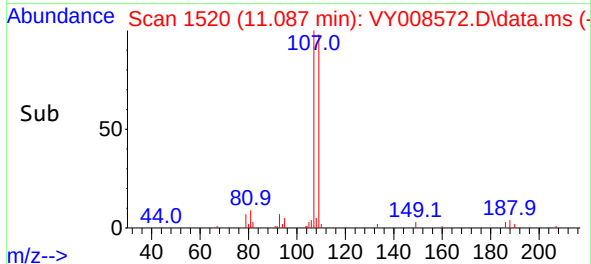
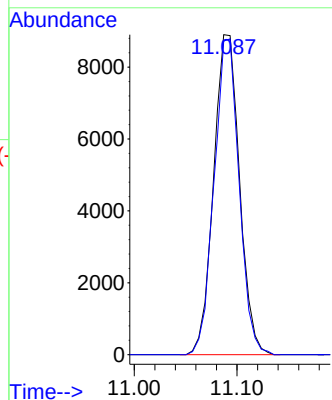
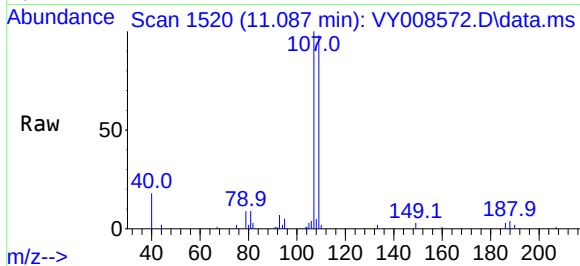
#61
1,2-Dibromoethane
Concen: 10.403 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 1556
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2

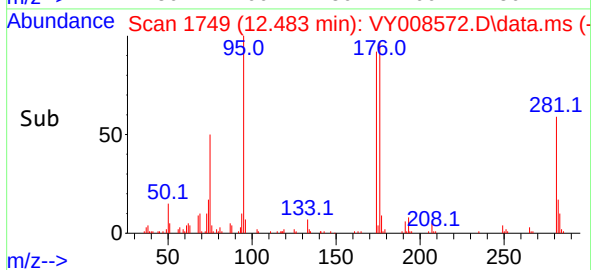
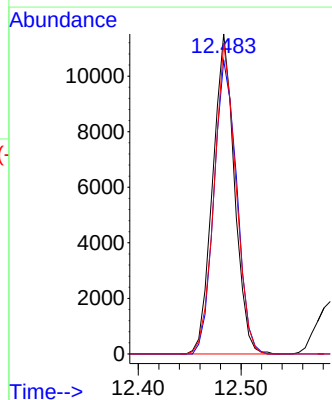
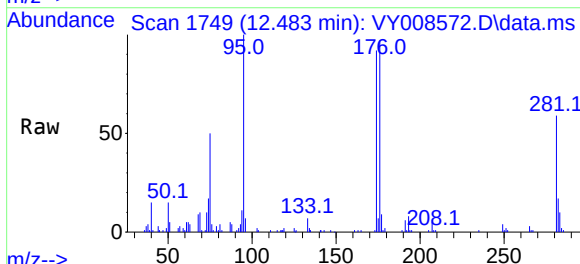
Manual Integrations
APPROVED

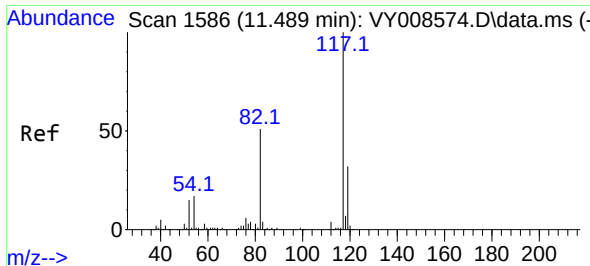
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#62
4-Bromofluorobenzene
Concen: 8.901 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

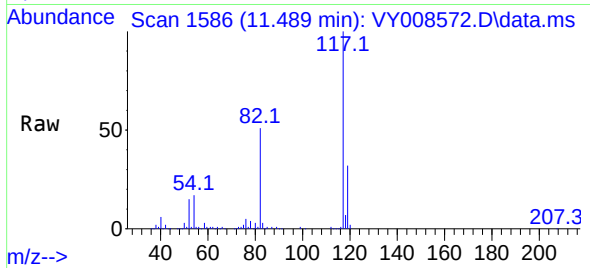
Tgt Ion: 95 Resp: 16907
Ion Ratio Lower Upper
95 100
174 95.8 0.0 177.0
176 97.0 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

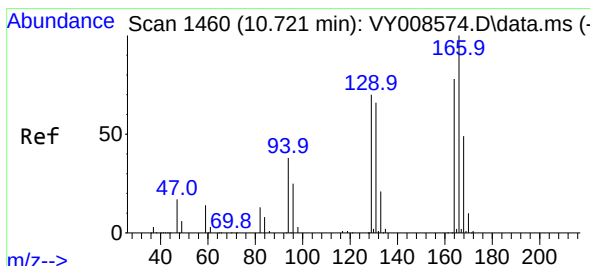
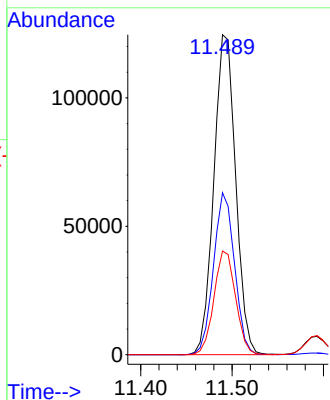
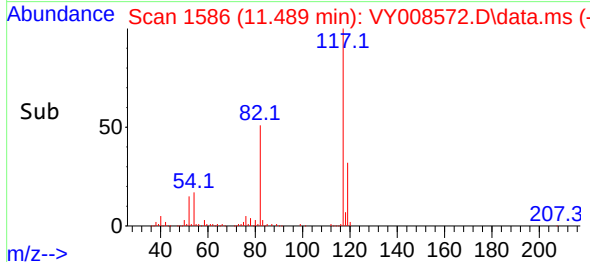
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



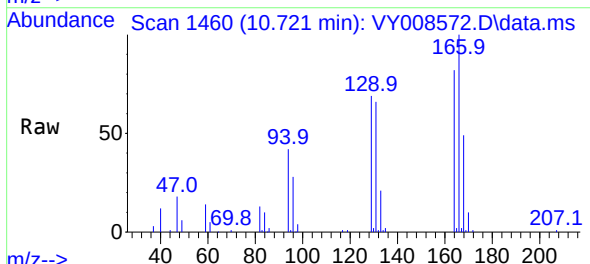
Tgt Ion:117 Resp: 207039
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.4 25.4 38.0

Manual Integrations
APPROVED

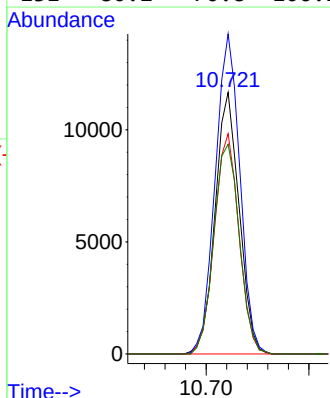
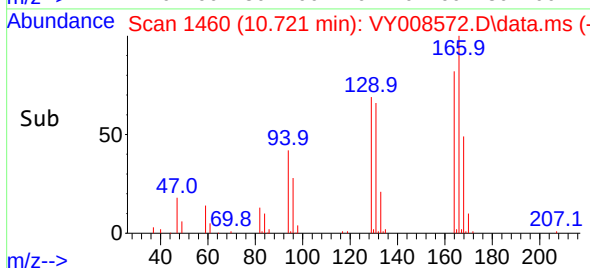
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

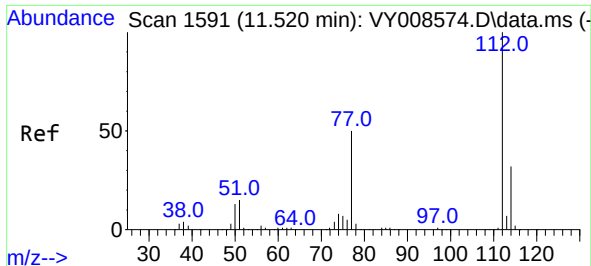


#64
Tetrachloroethene
Concen: 11.874 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



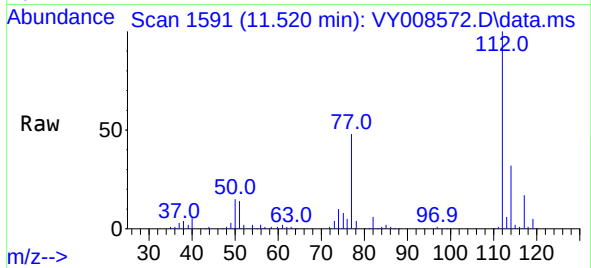
Tgt Ion:164 Resp: 18965
Ion Ratio Lower Upper
164 100
166 122.3 100.4 150.6
129 84.2 71.4 107.0
131 80.2 70.8 106.2





#65
Chlorobenzene
Concen: 10.282 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

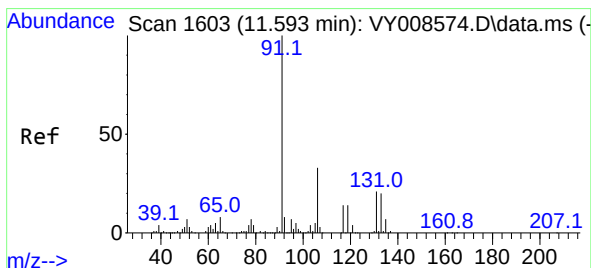
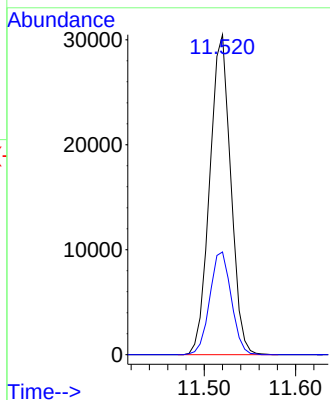
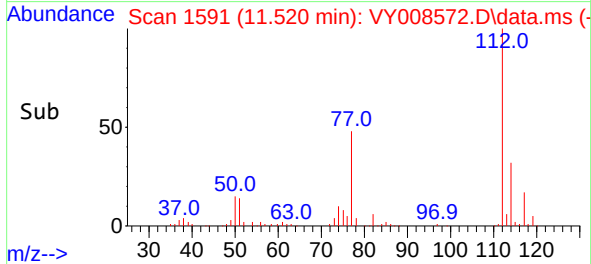
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



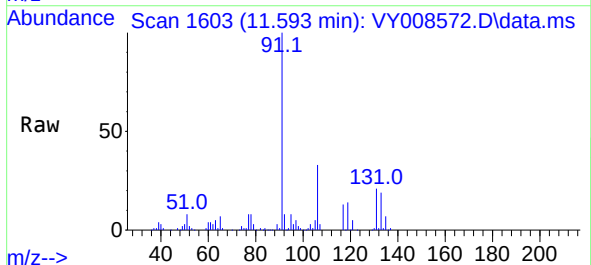
Tgt Ion:112 Resp: 48600
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

Manual Integrations
APPROVED

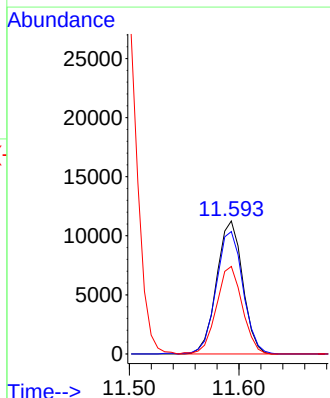
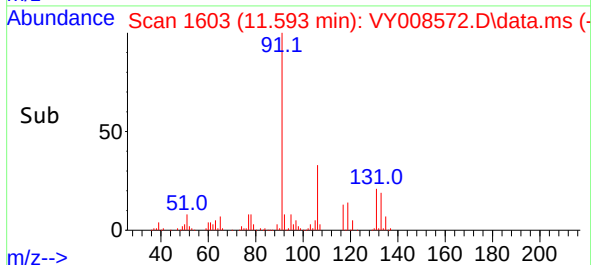
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

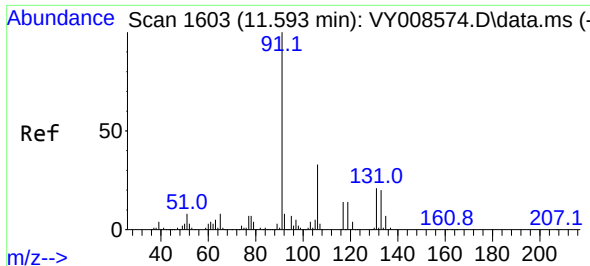


#66
1,1,1,2-Tetrachloroethane
Concen: 10.559 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



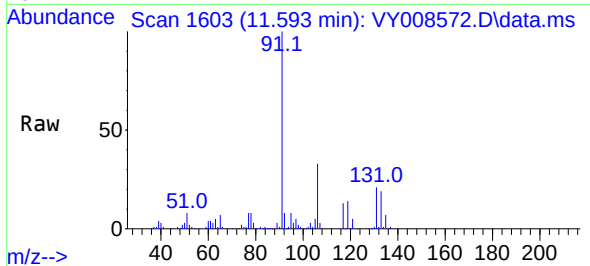
Tgt Ion:131 Resp: 18510
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 65.5 30.8 92.3





#67
Ethyl Benzene
Concen: 9.924 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

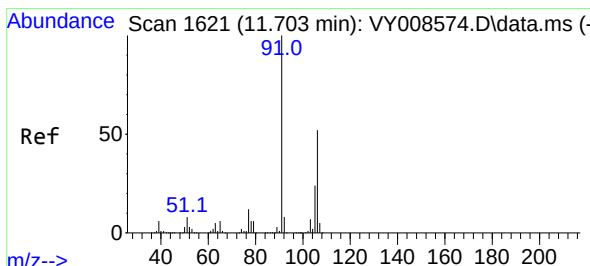
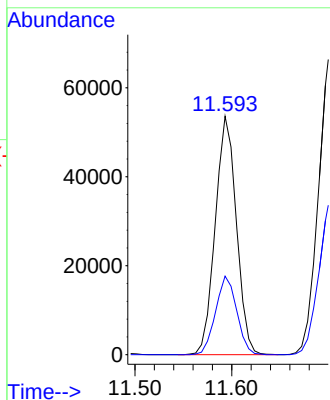
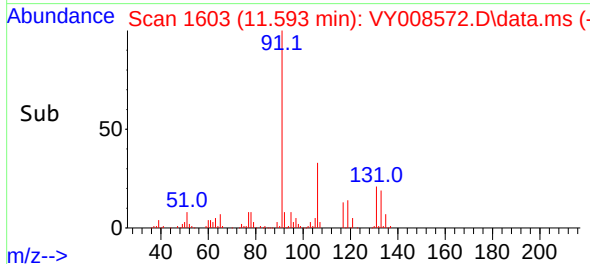
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



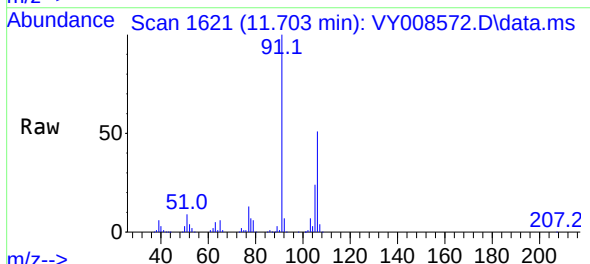
Tgt Ion: 91 Resp: 81218
Ion Ratio Lower Upper
91 100
106 33.0 24.5 36.7

Manual Integrations
APPROVED

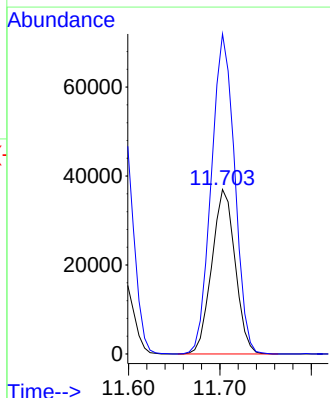
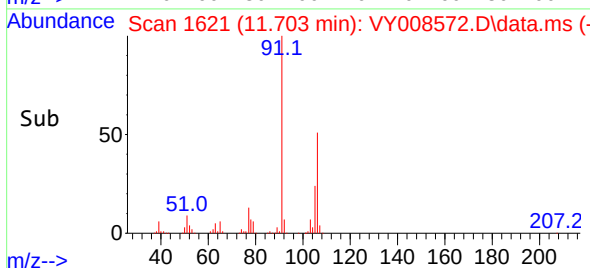
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

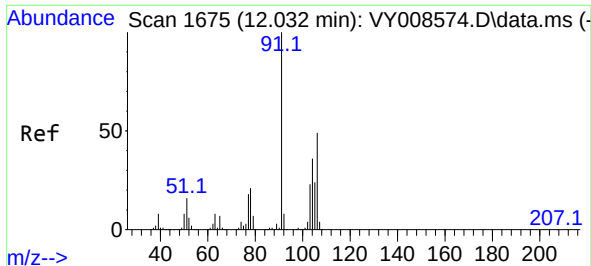


#68
m/p-Xylenes
Concen: 20.043 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



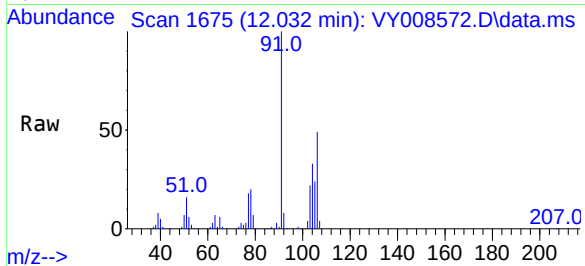
Tgt Ion:106 Resp: 65759
Ion Ratio Lower Upper
106 100
91 194.3 166.6 249.8





#69
o-Xylene
Concen: 10.007 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

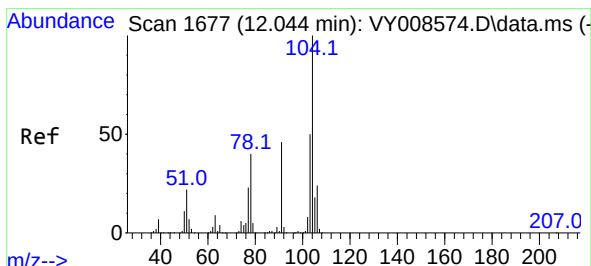
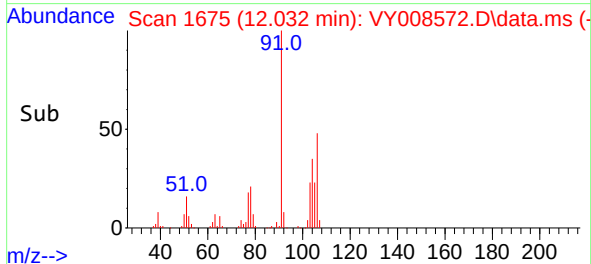
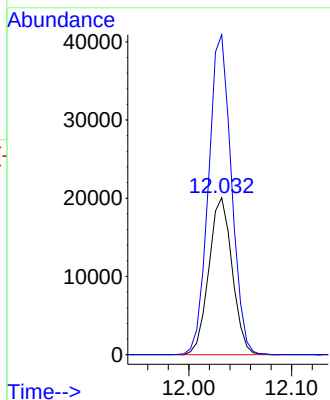
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:106 Resp: 31590
Ion Ratio Lower Upper
106 100
91 200.6 110.3 331.0

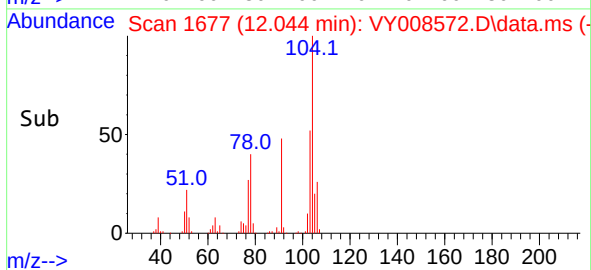
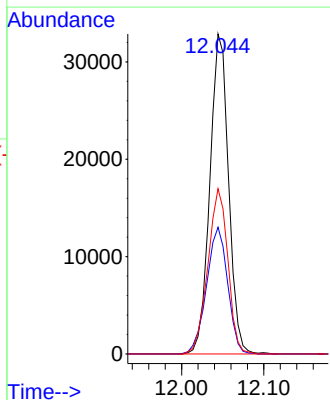
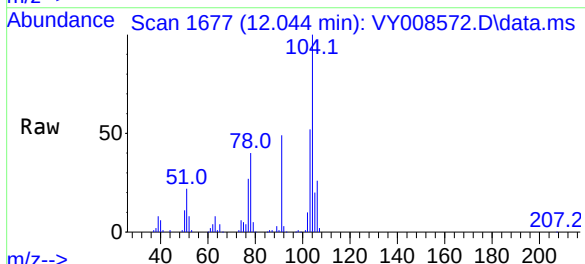
Manual Integrations
APPROVED

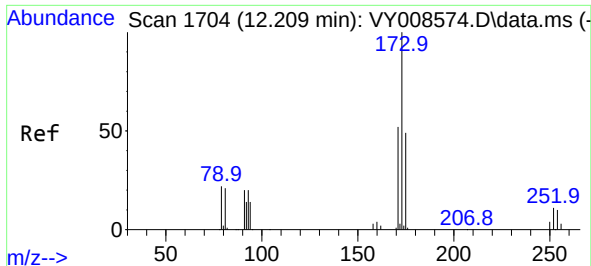
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#70
Styrene
Concen: 9.815 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion:104 Resp: 51925
Ion Ratio Lower Upper
104 100
78 44.7 42.4 63.6
103 55.2 44.4 66.6





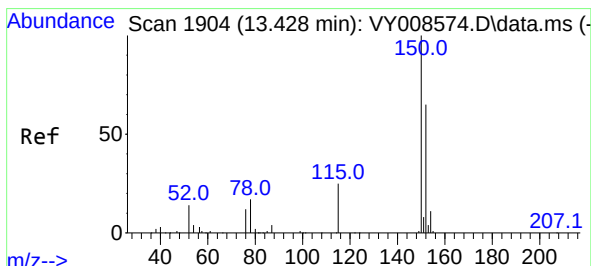
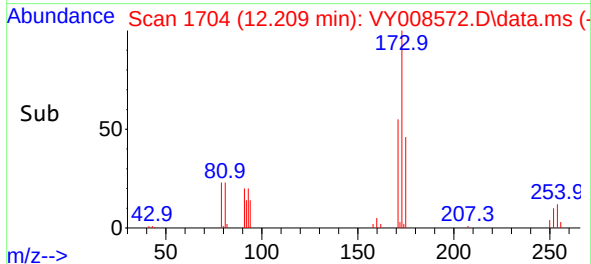
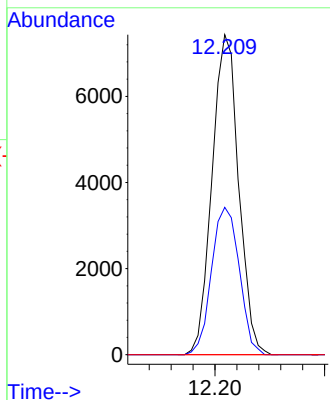
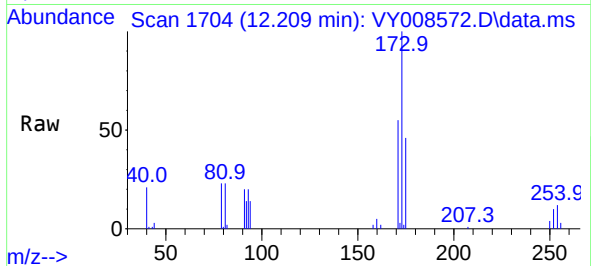
#71
Bromoform
Concen: 11.334 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 12540
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0

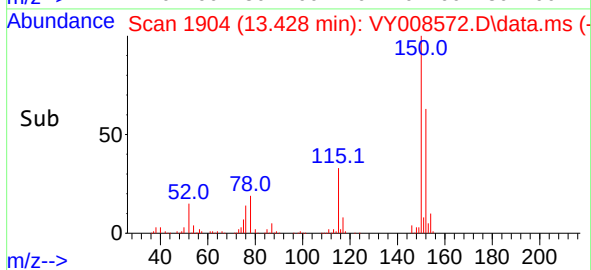
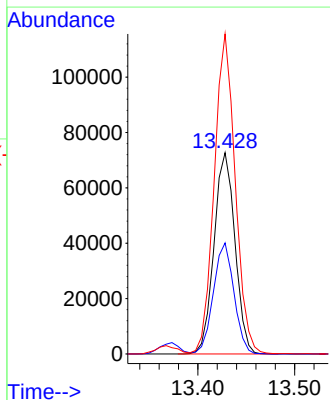
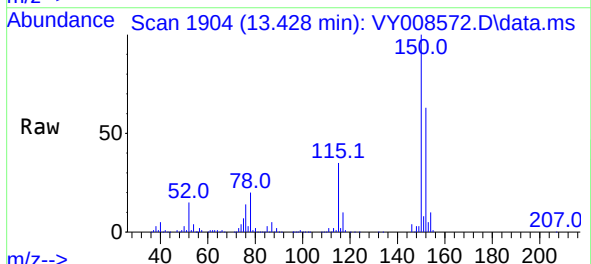
Manual Integrations
APPROVED

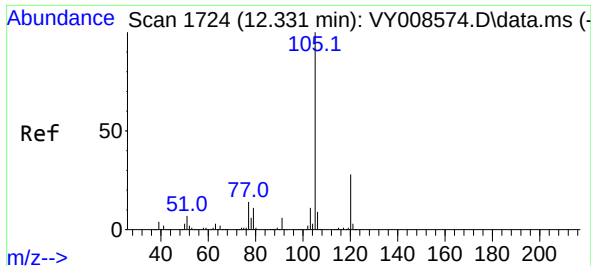
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion:152 Resp: 109195
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 159.7 0.0 347.6





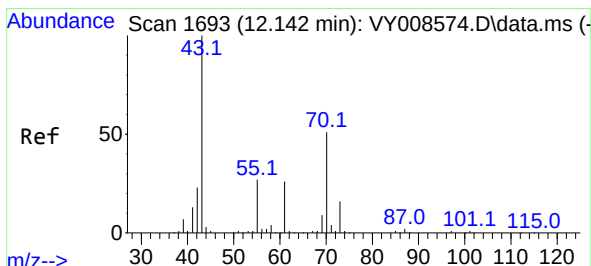
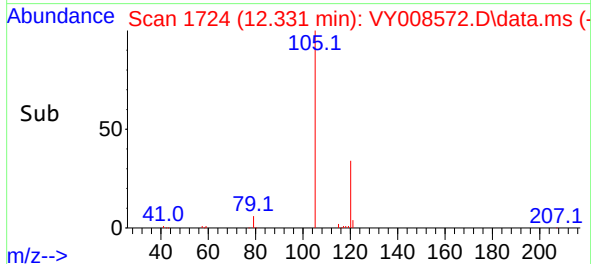
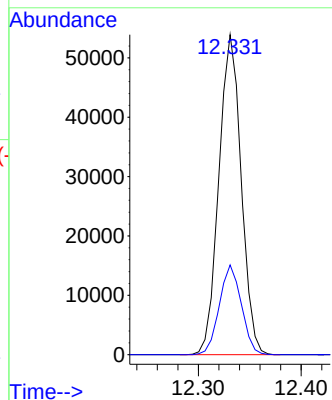
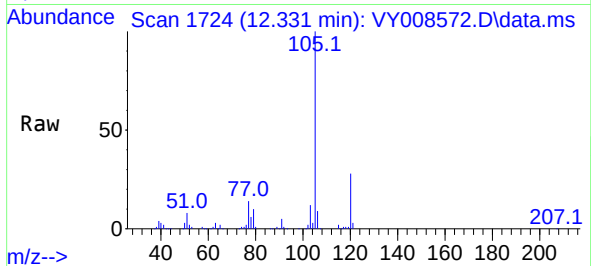
#73
Isopropylbenzene
Concen: 9.792 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 81248
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

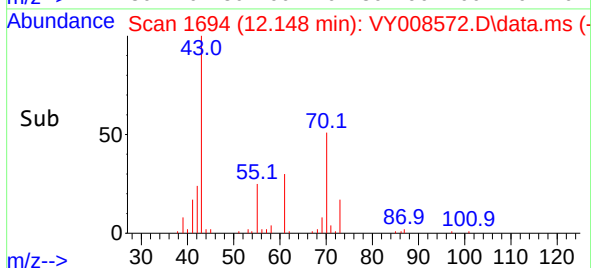
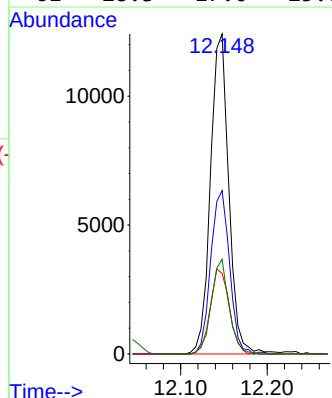
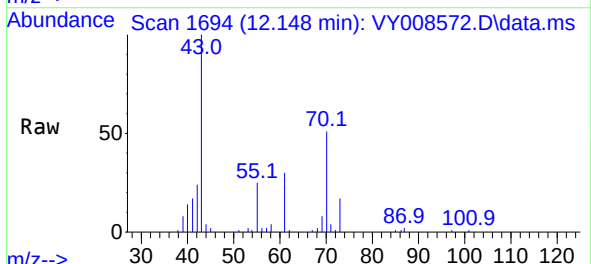
Manual Integrations
APPROVED

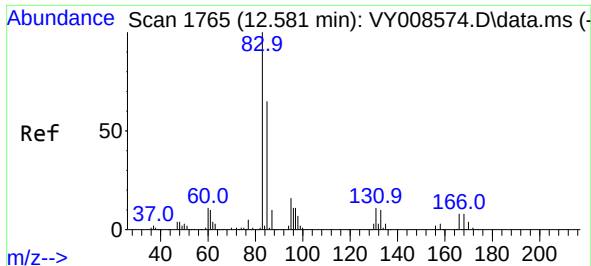
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#74
N-ethyl acetate
Concen: 9.145 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion: 43 Resp: 18296
Ion Ratio Lower Upper
43 100
70 52.4 28.7 43.1#
55 27.7 17.3 25.9#
61 28.3 17.0 25.6#





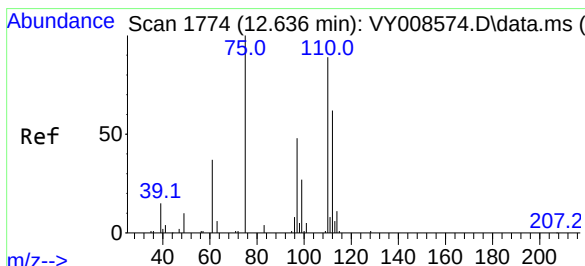
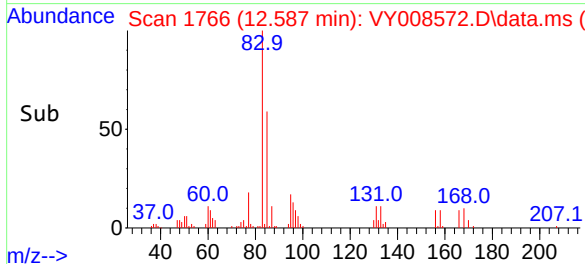
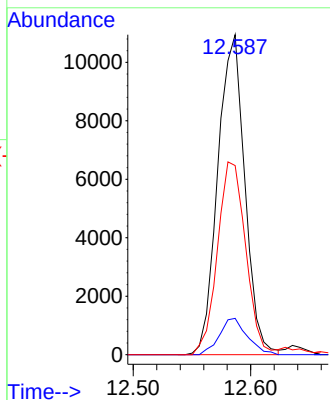
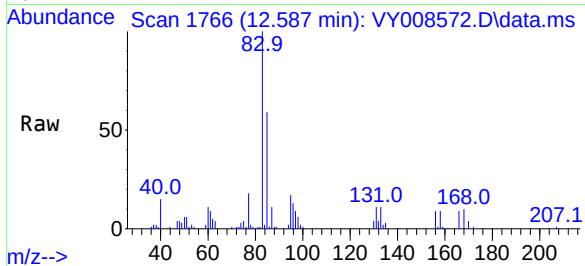
#75
1,1,2,2-Tetrachloroethane
Concen: 9.700 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 17498
Ion Ratio Lower Upper
83 100
131 11.7 5.6 16.8
85 63.2 32.3 96.8

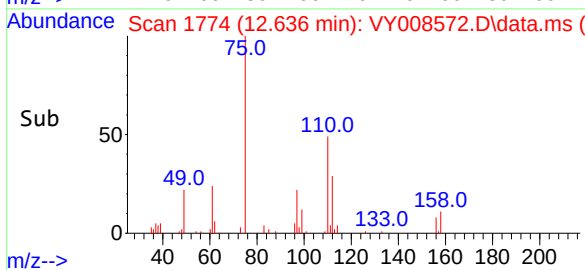
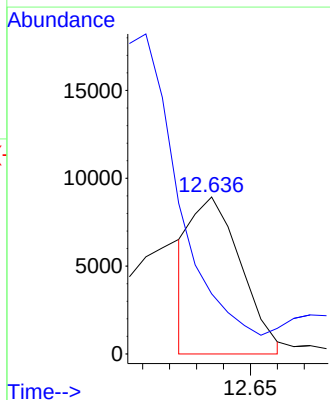
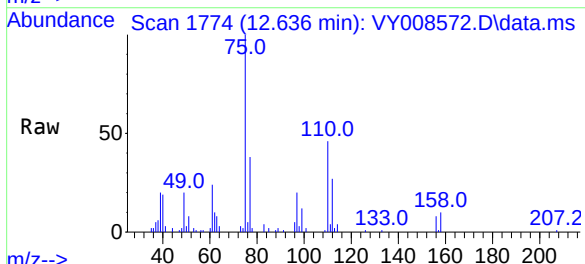
Manual Integrations
APPROVED

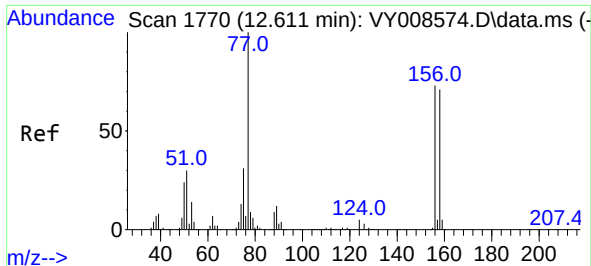
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#76
1,2,3-Trichloropropane
Concen: 8.525 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion: 75 Resp: 11482
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





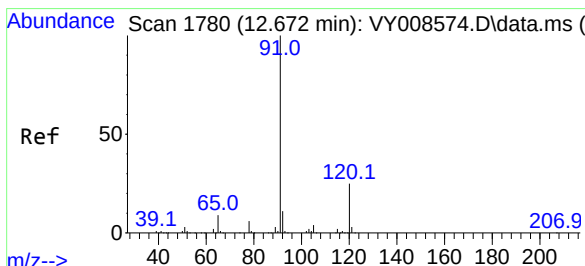
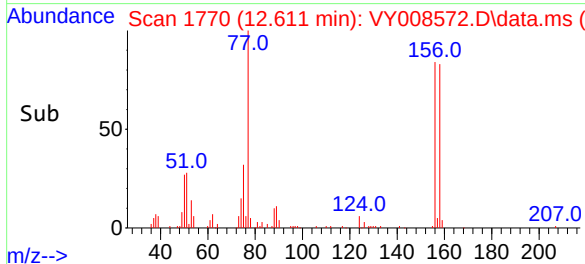
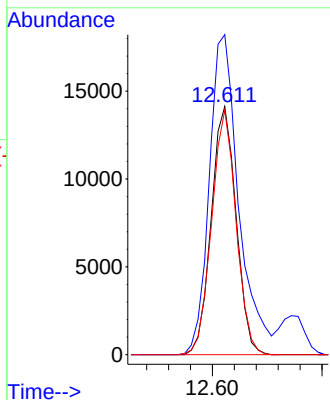
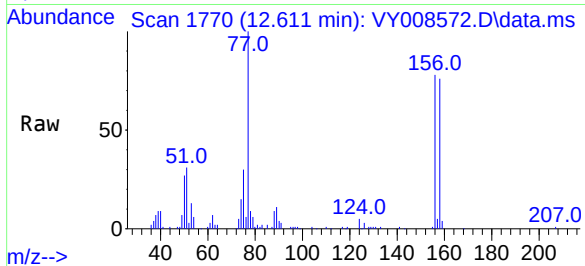
#77
Bromobenzene
Concen: 10.934 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 156 Resp: 22254
Ion Ratio Lower Upper
156 100
77 152.4 95.5 286.4
158 96.9 48.0 144.0

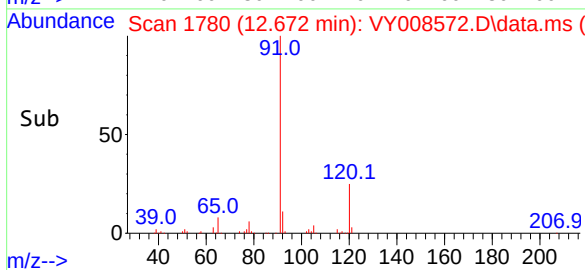
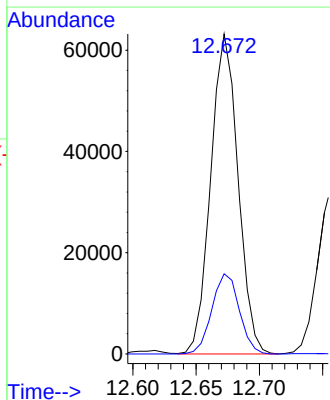
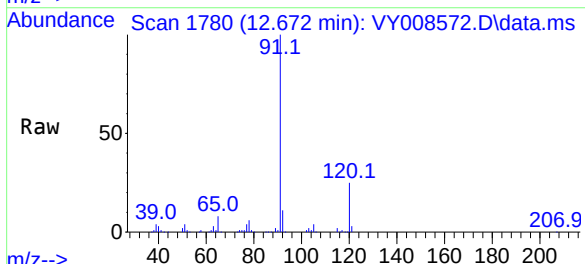
Manual Integrations
APPROVED

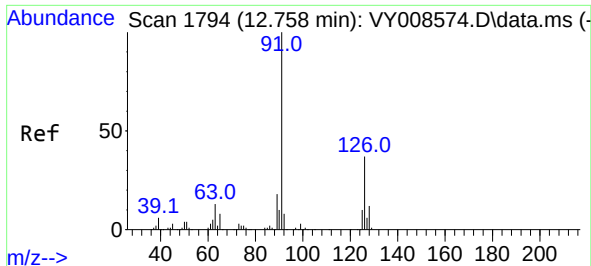
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#78
n-propylbenzene
Concen: 9.593 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion: 91 Resp: 94865
Ion Ratio Lower Upper
91 100
120 25.1 11.3 33.9





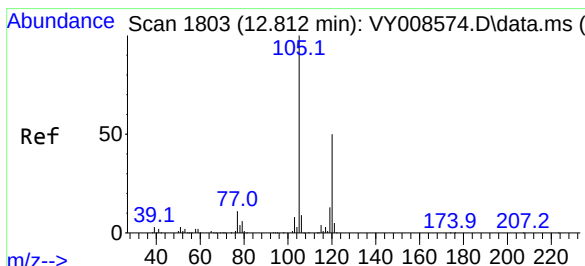
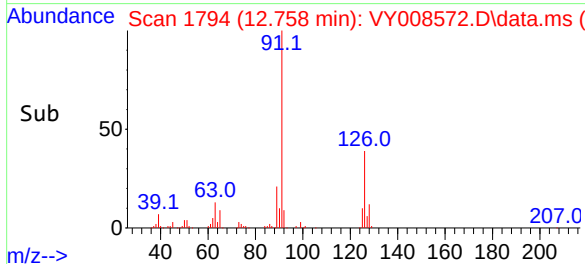
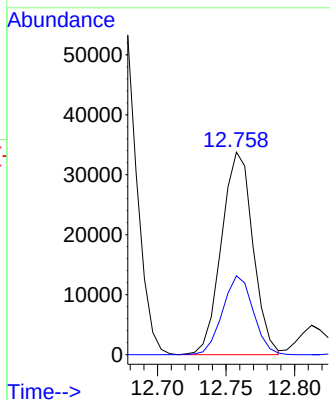
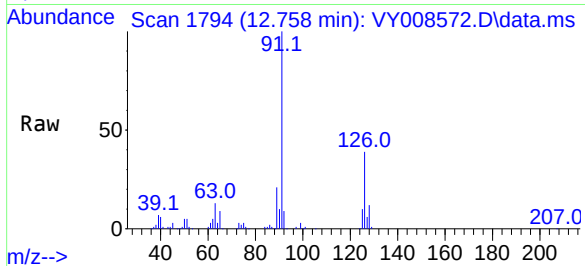
#79
2-Chlorotoluene
Concen: 9.691 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 53918
Ion Ratio Lower Upper
91 100
126 37.9 16.9 50.6

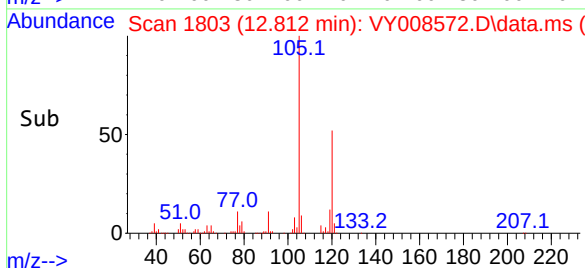
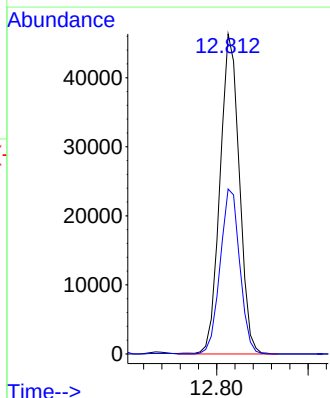
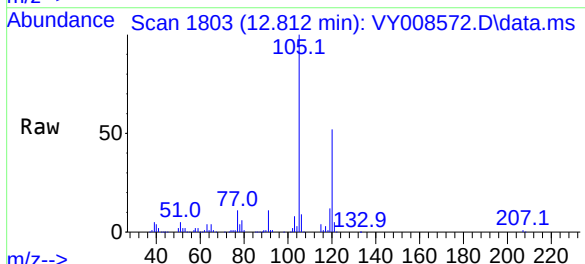
Manual Integrations
APPROVED

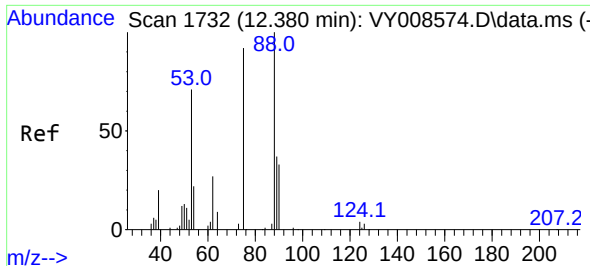
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.876 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

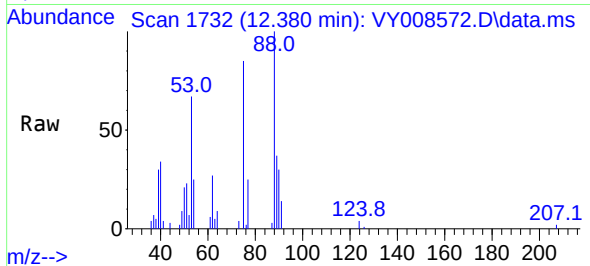
Tgt Ion:105 Resp: 68110
Ion Ratio Lower Upper
105 100
120 52.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 9.572 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

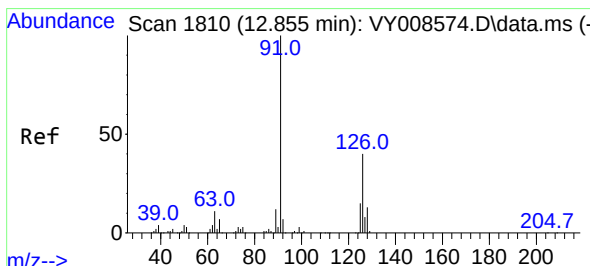
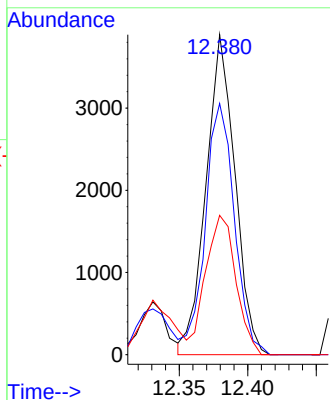
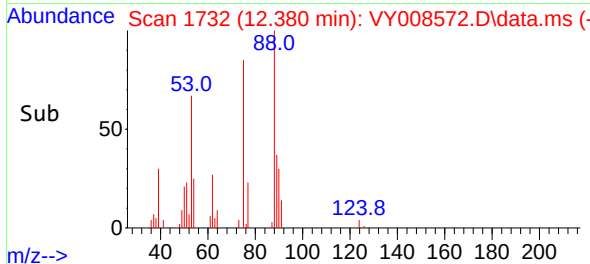
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



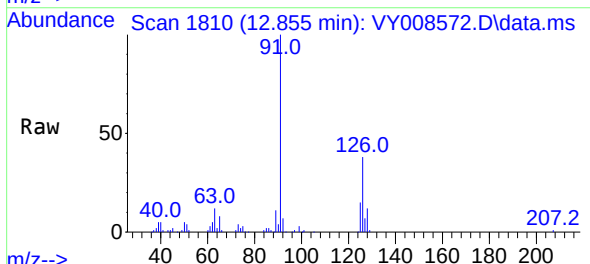
Tgt Ion: 75 Resp: 5710
Ion Ratio Lower Upper
75 100
53 79.4 85.3 127.9
89 45.7 37.0 55.4

Manual Integrations
APPROVED

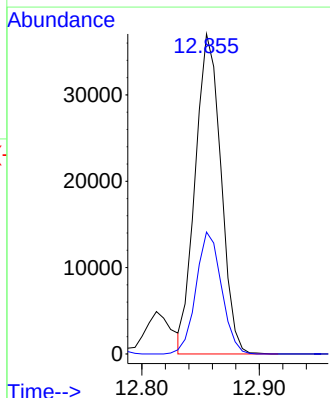
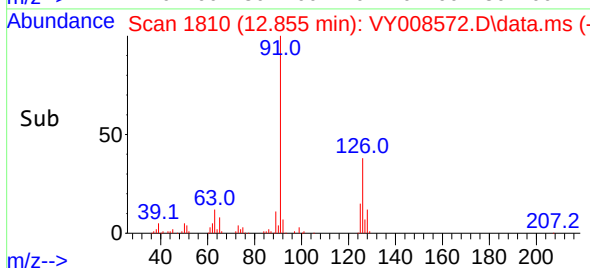
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

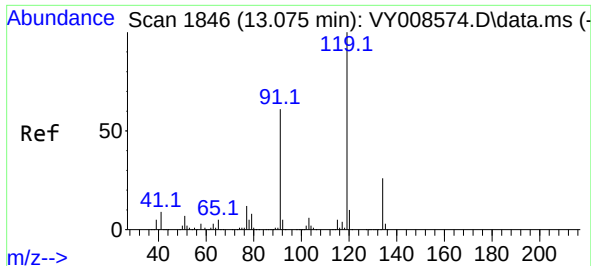


#82
4-Chlorotoluene
Concen: 9.792 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



Tgt Ion: 91 Resp: 56276
Ion Ratio Lower Upper
91 100
126 37.8 17.0 51.0





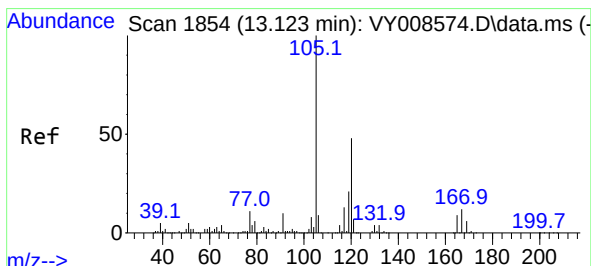
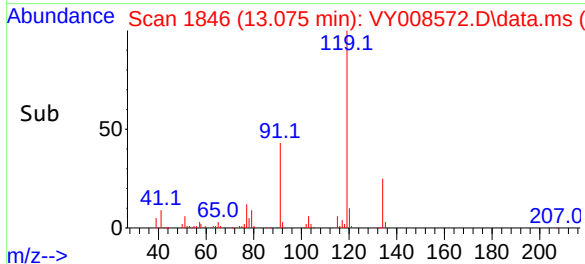
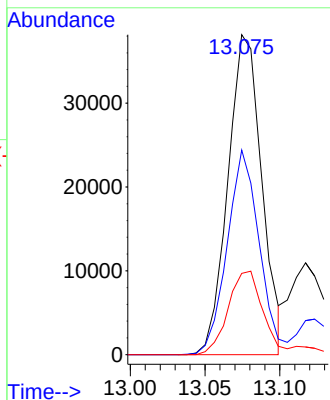
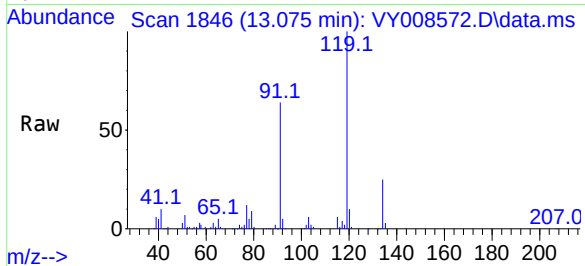
#83
tert-Butylbenzene
Concen: 9.989 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 60104
Ion Ratio Lower Upper
119 100
91 60.8 34.8 104.4
134 26.6 13.3 39.9

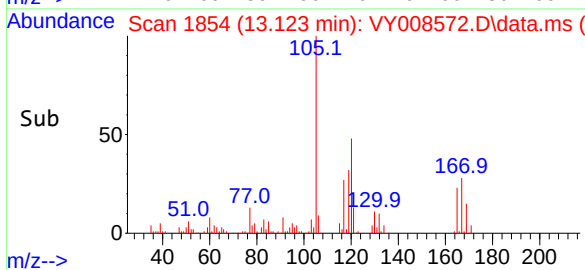
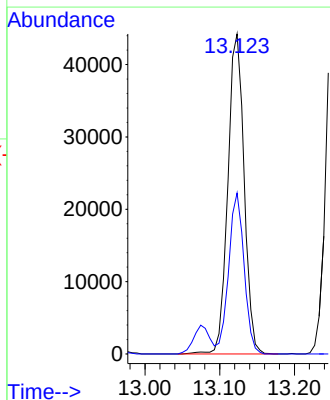
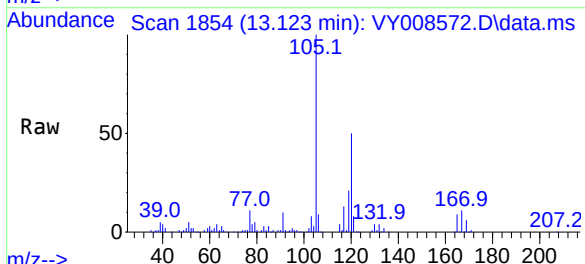
Manual Integrations
APPROVED

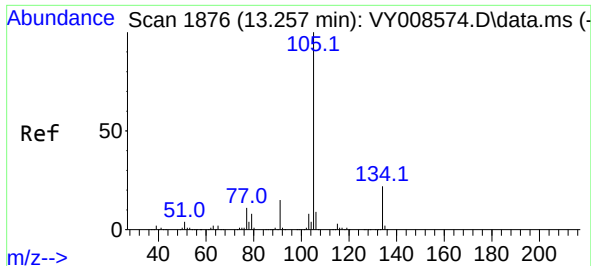
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#84
1,2,4-Trimethylbenzene
Concen: 9.808 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

Tgt Ion:105 Resp: 67037
Ion Ratio Lower Upper
105 100
120 47.7 22.3 66.9





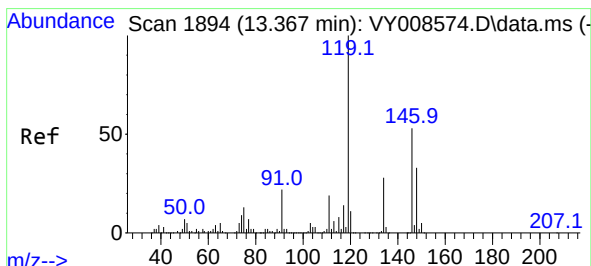
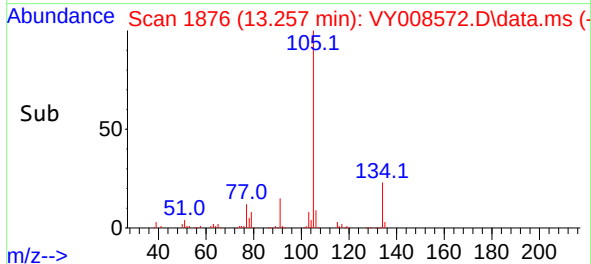
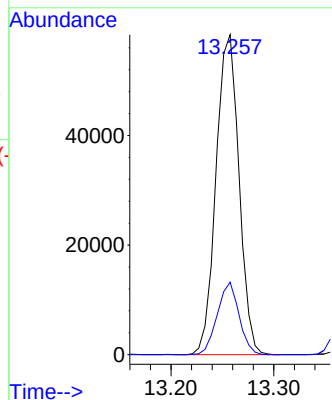
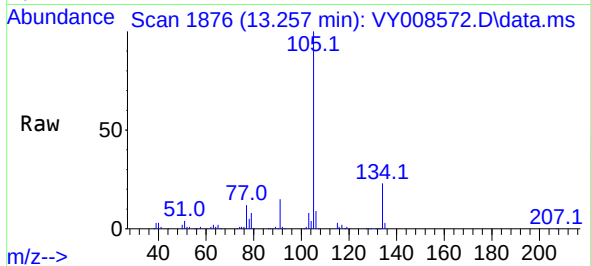
#85
 sec-Butylbenzene
 Concen: 10.032 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 9050
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4

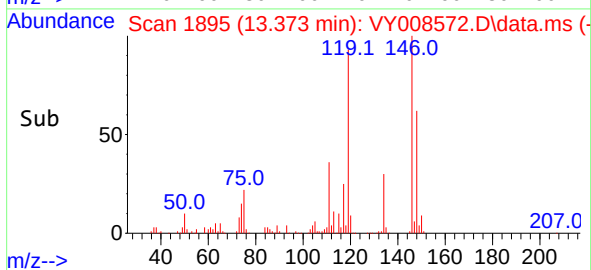
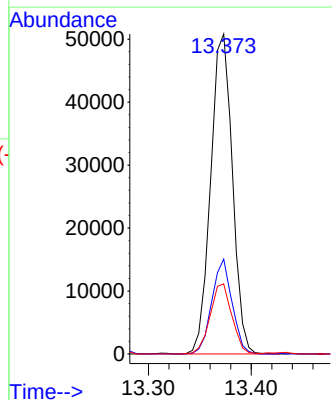
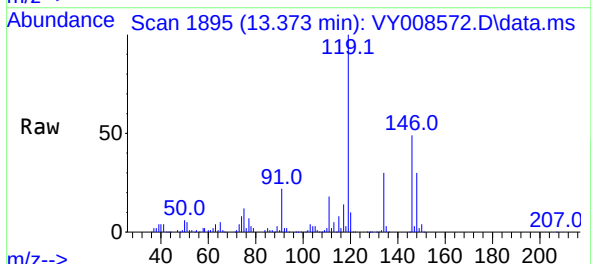
Manual Integrations
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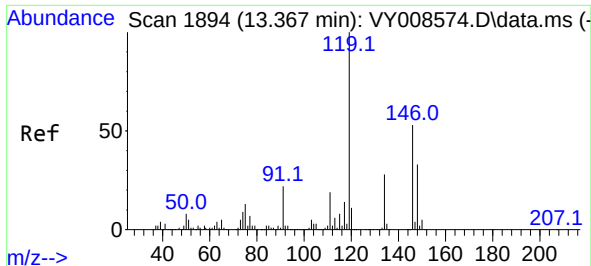
Reviewed By :John Carlone 05/03/2022
 Supervised By :Mahesh Dadoda 05/03/2022



#86
 p-Isopropyltoluene
 Concen: 9.830 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008572.D
 Acq: 02 May 2022 15:34

Tgt Ion:119 Resp: 74769
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 22.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 10.452 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

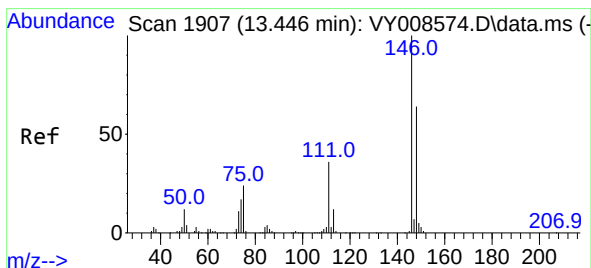
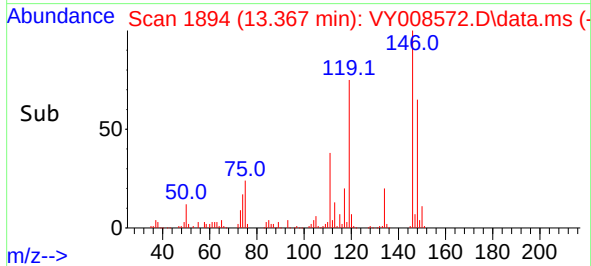
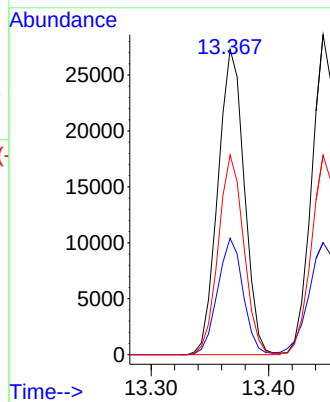
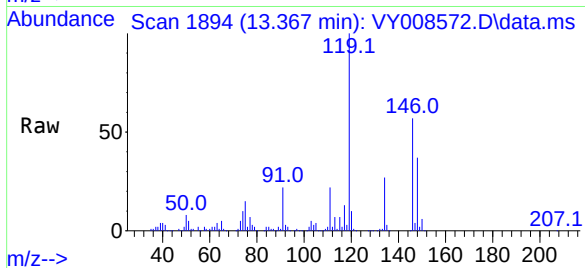
Tgt Ion:	146	Resp:	4260
Ion Ratio	Lower	Upper	
146	100		
111	36.9	19.5	58.5
148	63.2	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#88

1,4-Dichlorobenzene

Concen: 10.520 ug/l

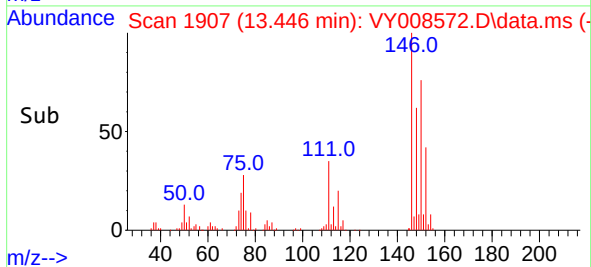
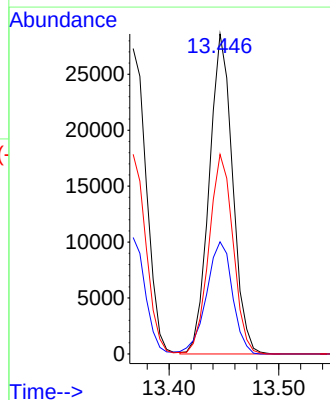
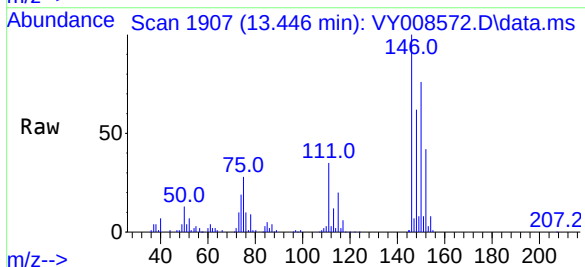
RT: 13.446 min Scan# 1907

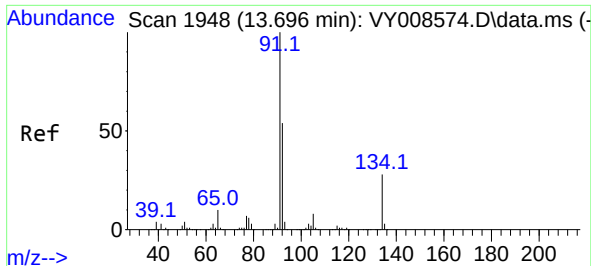
Delta R.T. 0.000 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

Tgt Ion:	146	Resp:	42477
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.3	57.8
148	64.4	32.6	97.8





#89

n-Butylbenzene

Concen: 9.740 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008572.D

Acq: 02 May 2022 15:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 66550

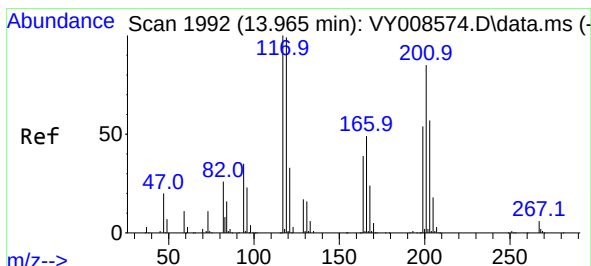
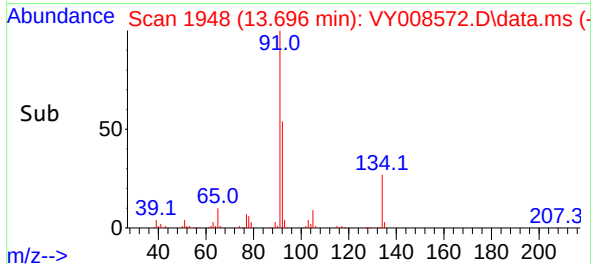
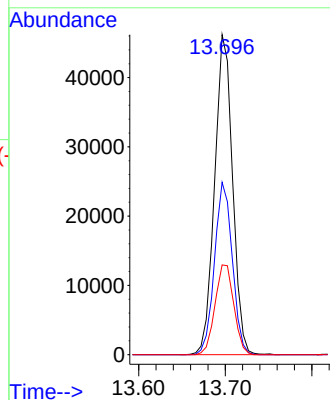
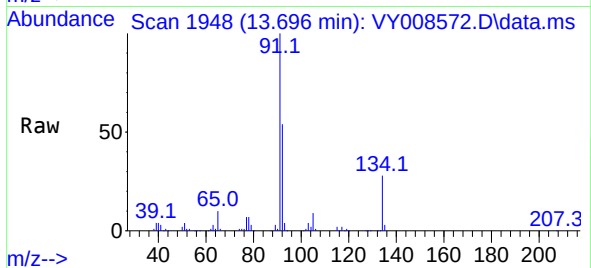
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.3	78.9
134	29.4	13.0	38.9

Manual Integrations

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Reviewed By :John Carlone 05/03/2022

Supervised By :Mahesh Dadoda 05/03/2022



#90

Hexachloroethane

Concen: 10.349 ug/l

RT: 13.965 min Scan# 1992

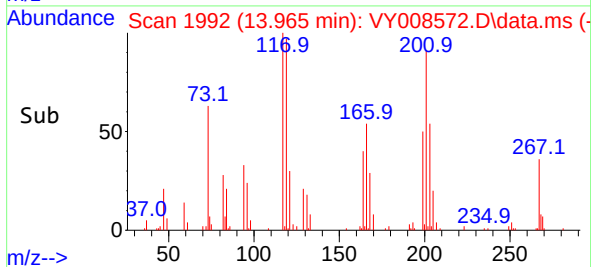
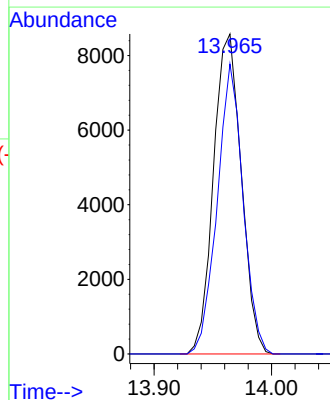
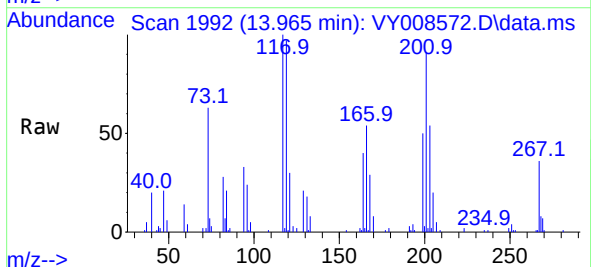
Delta R.T. 0.000 min

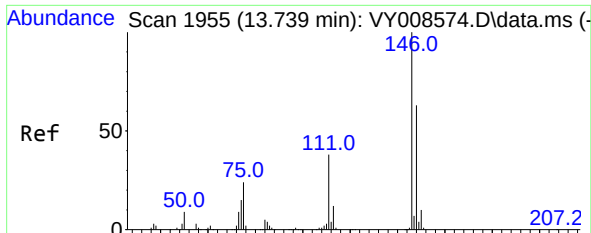
Lab File: VY008572.D

Acq: 02 May 2022 15:34

Tgt Ion:117 Resp: 14109

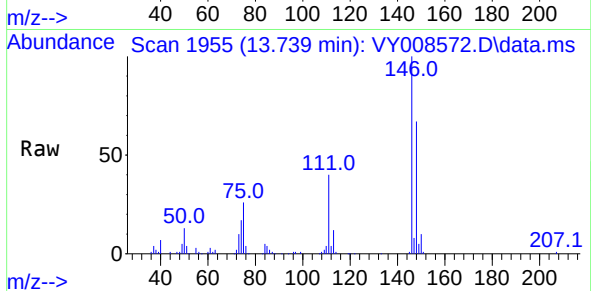
Ion	Ratio	Lower	Upper
117	100		
201	84.1	43.0	128.8





#91
1,2-Dichlorobenzene
Concen: 10.632 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

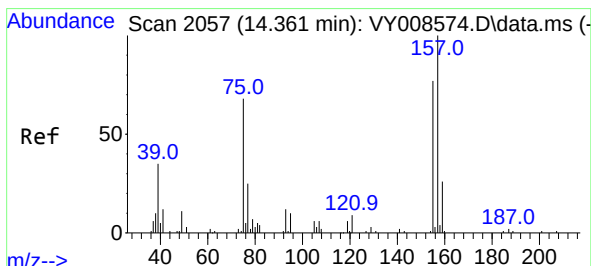
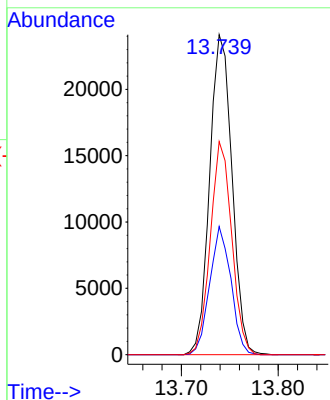
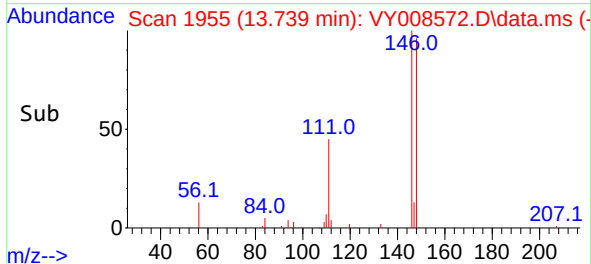
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



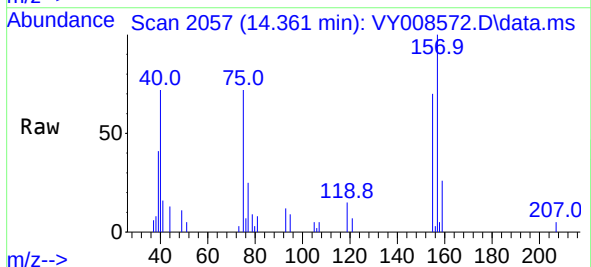
Tgt Ion:146 Resp: 3859
Ion Ratio Lower Upper
146 100
111 38.0 20.3 60.9
148 64.0 32.3 96.9

Manual Integrations
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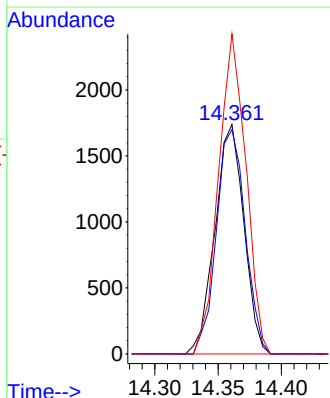
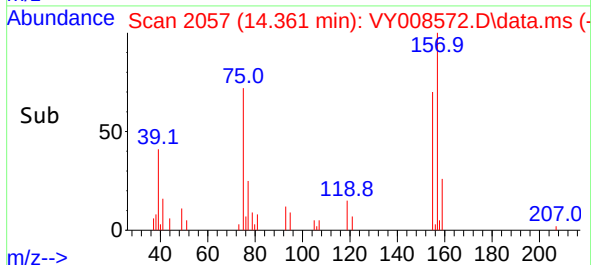
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

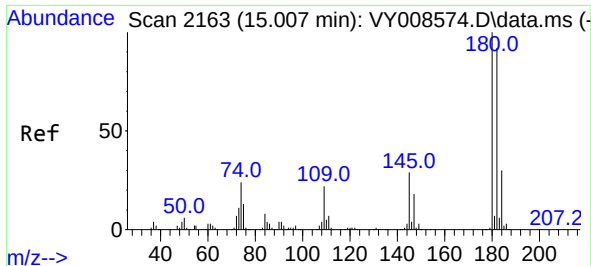


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.159 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



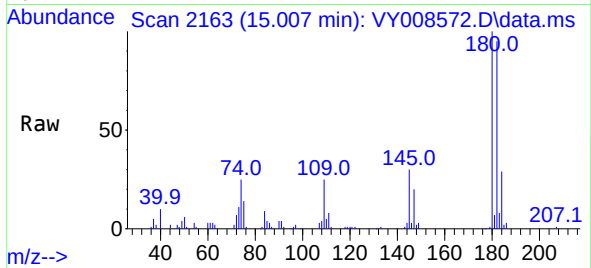
Tgt Ion: 75 Resp: 2761
Ion Ratio Lower Upper
75 100
155 97.3 38.0 113.9
157 132.3 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 11.771 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

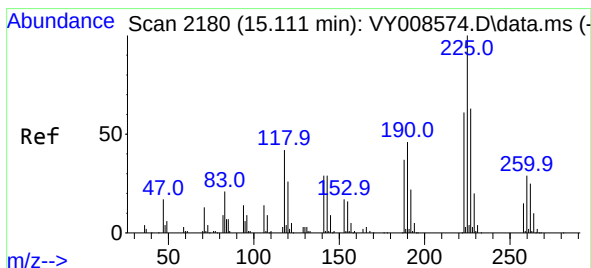
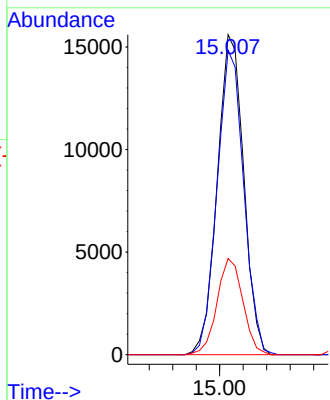
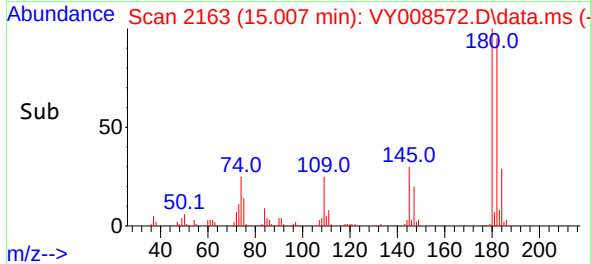
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



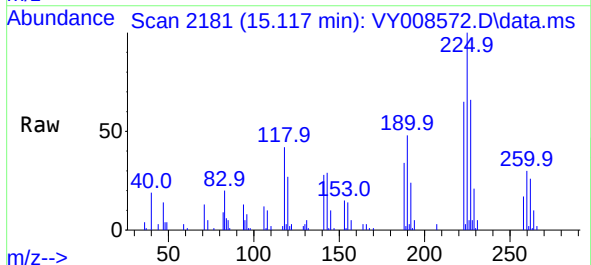
Tgt Ion:180 Resp: 24334
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 29.4 14.6 43.8

Manual Integrations
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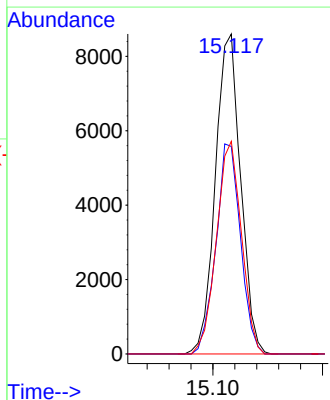
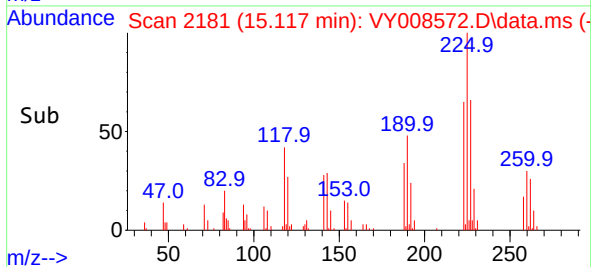
Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022

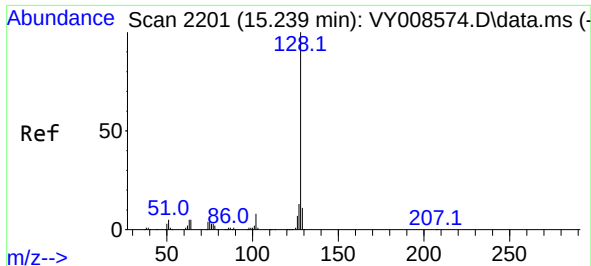


#94
Hexachlorobutadiene
Concen: 13.188 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



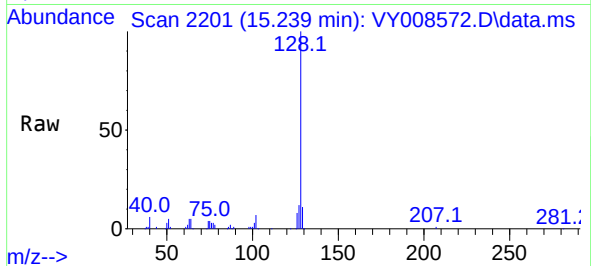
Tgt Ion:225 Resp: 13762
Ion Ratio Lower Upper
225 100
223 63.9 30.8 92.3
227 65.8 31.6 94.7





#95
Naphthalene
Concen: 10.832 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34

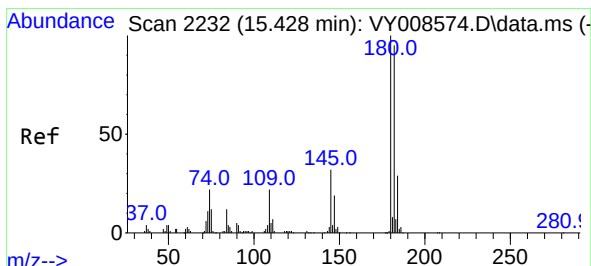
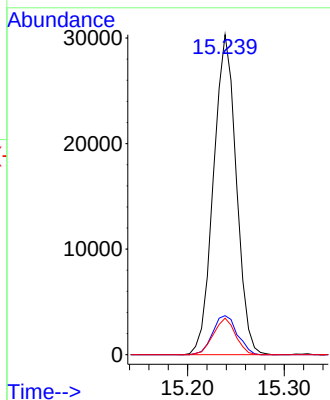
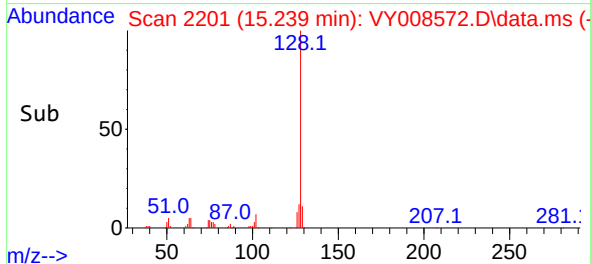
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



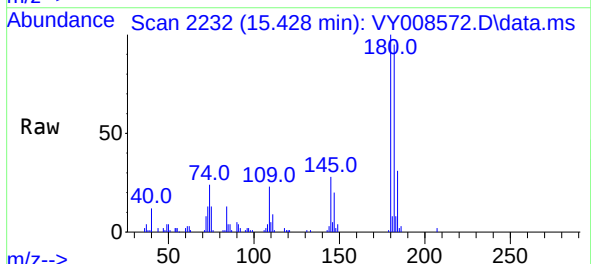
Tgt Ion:128 Resp: 4945
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2022
Supervised By :Mahesh Dadoda 05/03/2022



#96
1,2,3-Trichlorobenzene
Concen: 12.247 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY008572.D
Acq: 02 May 2022 15:34



Tgt Ion:180 Resp: 22180
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 30.0 15.3 45.9

