

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017597.D
 Acq On : 06 Mar 2024 19:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/07/2024

Quant Time: Mar 07 02:10:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	187292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	168574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55627	47.472	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.940%		
35) Dibromofluoromethane	7.716	113	64461	49.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.780%		
50) Toluene-d8	10.179	98	239418	52.468	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.940%		
62) 4-Bromofluorobenzene	12.483	95	75916	52.937	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	50052	54.878	ug/l	99
3) Chloromethane	2.107	50	91014	54.616	ug/l	96
4) Vinyl Chloride	2.247	62	120126	56.189	ug/l	98
5) Bromomethane	2.644	94	110034	63.158	ug/l	97
6) Chloroethane	2.784	64	81040	60.089	ug/l	99
7) Trichlorofluoromethane	3.119	101	126488	58.051	ug/l	96
8) Diethyl Ether	3.522	74	38949	60.946	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	73037	58.276	ug/l	98
10) Methyl Iodide	4.082	142	76449	54.353	ug/l	99
11) Tert butyl alcohol	4.954	59	23112	232.196	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	70450	60.317	ug/l	96
13) Acrolein	3.723	56	37341	284.318	ug/l	99
14) Allyl chloride	4.473	41	84238	59.689	ug/l	97
15) Acrylonitrile	5.162	53	80356	305.875	ug/l	100
16) Acetone	3.942	43	58255	256.313	ug/l	95
17) Carbon Disulfide	4.186	76	217821	62.131	ug/l	98
18) Methyl Acetate	4.479	43	35756	64.846	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	164209	60.318	ug/l	99
20) Methylene Chloride	4.710	84	87153	67.146	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	83862	61.322	ug/l	98
22) Diisopropyl ether	6.119	45	200096	61.442	ug/l	96
23) Vinyl Acetate	6.058	43	593228	305.690	ug/l	98
24) 1,1-Dichloroethane	6.009	63	135988	61.121	ug/l	98
25) 2-Butanone	6.984	43	93744	289.420	ug/l	98
26) 2,2-Dichloropropane	6.978	77	100758	53.863	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	94864	61.782	ug/l	96
28) Bromochloromethane	7.332	49	51436	58.700	ug/l	94
29) Tetrahydrofuran	7.350	42	62188	318.502	ug/l	99
30) Chloroform	7.503	83	144616	61.051	ug/l	99
31) Cyclohexane	7.783	56	110219	57.798	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	123427	60.017	ug/l	98
36) 1,1-Dichloropropene	7.917	75	111910	63.554	ug/l	99
37) Ethyl Acetate	7.076	43	43002	61.831	ug/l	99
38) Carbon Tetrachloride	7.899	117	110719	62.738	ug/l	99
39) Methylcyclohexane	9.185	83	134023	63.332	ug/l	99
40) Benzene	8.161	78	333543	63.783	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	25575m	73.280	ug/l	
42) 1,2-Dichloroethane	8.234	62	78818	61.775	ug/l	98
43) Isopropyl Acetate	8.271	43	77463	63.383	ug/l	98
44) Trichloroethene	8.941	130	94619	62.776	ug/l	98
45) 1,2-Dichloropropane	9.216	63	78389	63.007	ug/l	99
46) Dibromomethane	9.307	93	46030	64.647	ug/l	97
47) Bromodichloromethane	9.496	83	109535	63.357	ug/l	96
48) Methyl methacrylate	9.295	41	35862	63.394	ug/l	94
49) 1,4-Dioxane	9.295	88	10404	1291.127	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	221880	325.750	ug/l	98
52) Toluene	10.246	92	211306	64.097	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	99615	62.078	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	121403	62.264	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	63931	63.239	ug/l	98
56) Ethyl methacrylate	10.514	69	75019	59.797	ug/l	99
57) 1,3-Dichloropropane	10.789	76	104320	63.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	167167	286.558	ug/l	98
59) 2-Hexanone	10.831	43	151245	323.271	ug/l	98
60) Dibromochloromethane	10.984	129	77927	65.159	ug/l	98
61) 1,2-Dibromoethane	11.093	107	60181	64.598	ug/l	99
64) Tetrachloroethene	10.721	164	100661	62.213	ug/l	98
65) Chlorobenzene	11.520	112	226737	63.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	84314	62.899	ug/l	99
67) Ethyl Benzene	11.593	91	398677	63.533	ug/l	97
68) m/p-Xylenes	11.703	106	319038	129.388	ug/l	99
69) o-Xylene	12.032	106	148619	64.968	ug/l	98
70) Styrene	12.044	104	247392	65.152	ug/l	98
71) Bromoform	12.209	173	48505	65.298	ug/l #	97
73) Isopropylbenzene	12.331	105	384356	60.347	ug/l	100
74) N-amyl acetate	12.148	43	68775	61.224	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	68390	62.530	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	45485m	55.840	ug/l	
77) Bromobenzene	12.611	156	92641	60.063	ug/l	95
78) n-propylbenzene	12.672	91	463417	60.639	ug/l	98
79) 2-Chlorotoluene	12.758	91	250299	58.498	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	310850	60.919	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21188	59.769	ug/l	96
82) 4-Chlorotoluene	12.855	91	259371	59.266	ug/l	97
83) tert-Butylbenzene	13.081	119	275592	61.505	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	312728	62.079	ug/l	100
85) sec-Butylbenzene	13.258	105	415453	60.645	ug/l	99
86) p-Isopropyltoluene	13.373	119	347351	61.939	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	184886	59.719	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	179158	59.523	ug/l	99
89) n-Butylbenzene	13.703	91	308939	60.381	ug/l	99
90) Hexachloroethane	13.965	117	66931	59.532	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	161049	61.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9192	59.783	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	86725	62.698	ug/l	99
94) Hexachlorobutadiene	15.117	225	51804	60.660	ug/l	99
95) Naphthalene	15.239	128	155820	57.500	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	75268	63.430	ug/l	98

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

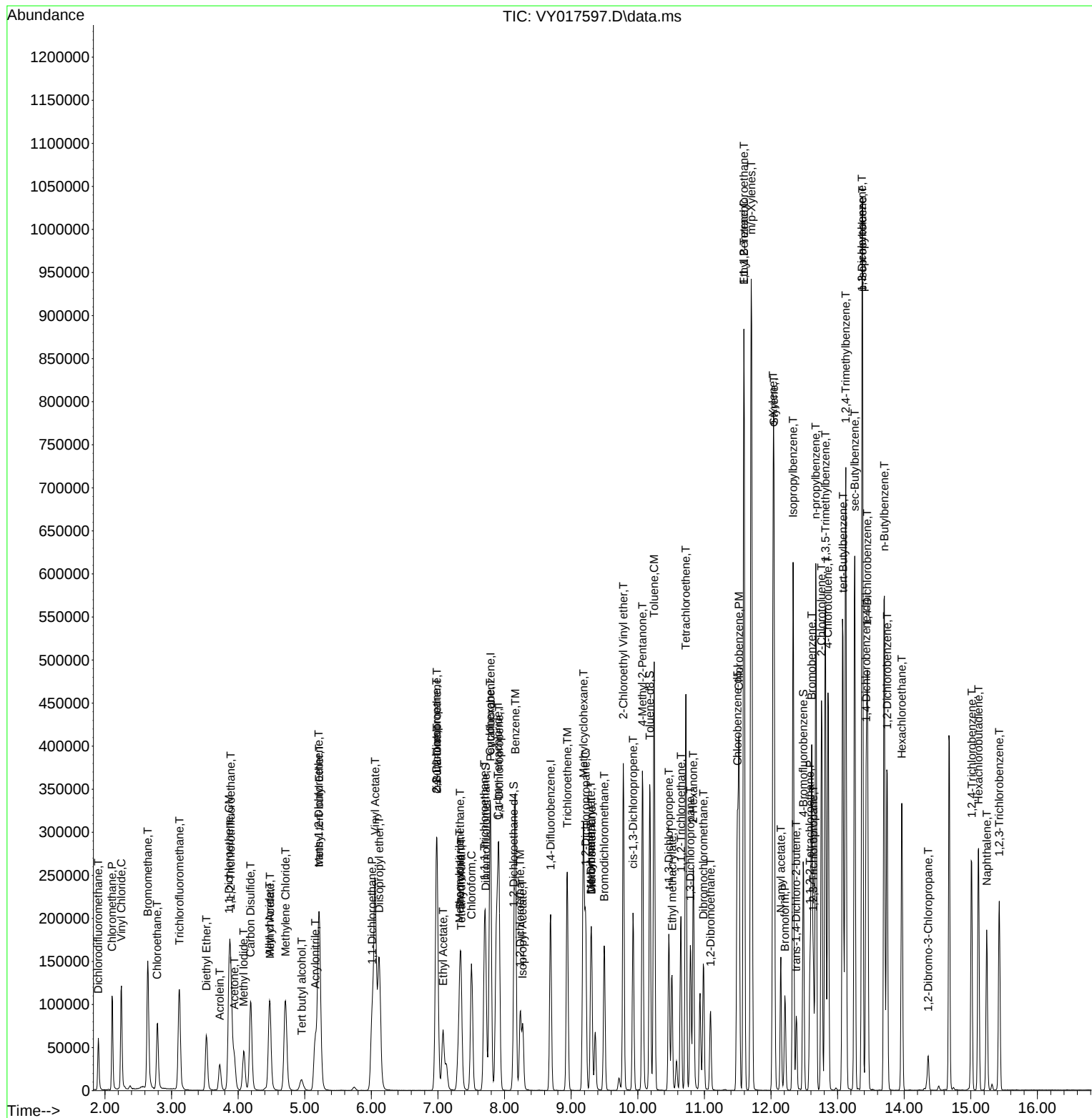
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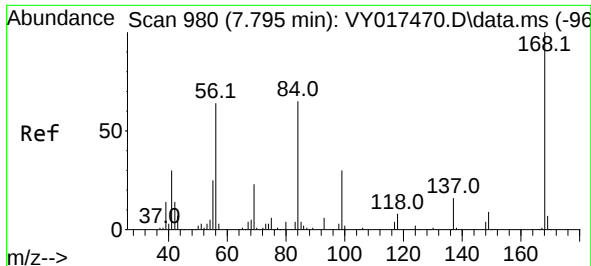
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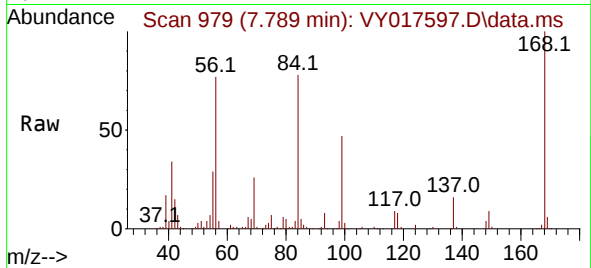
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017597.D
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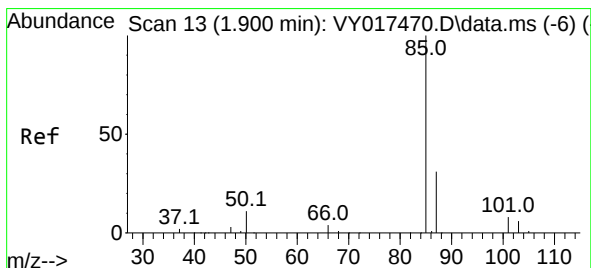
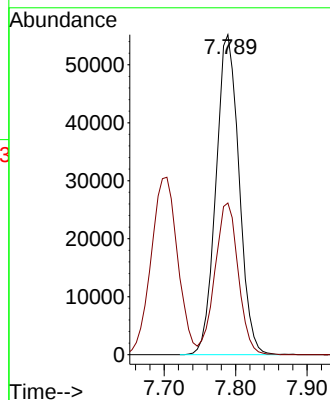
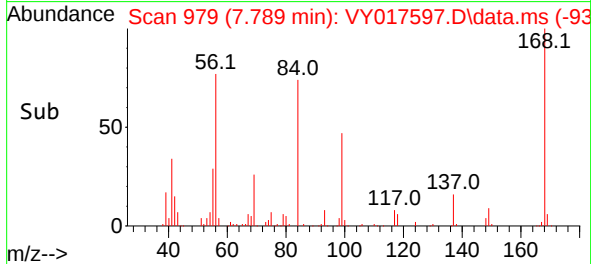
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 12364
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7

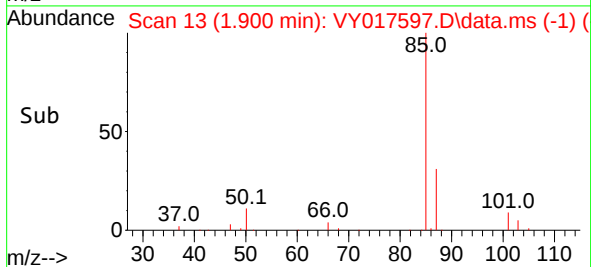
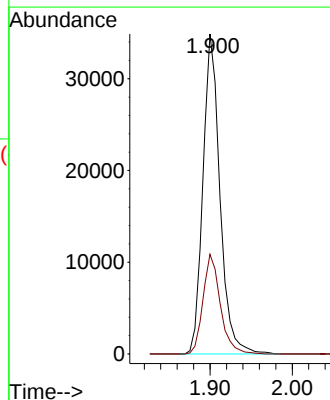
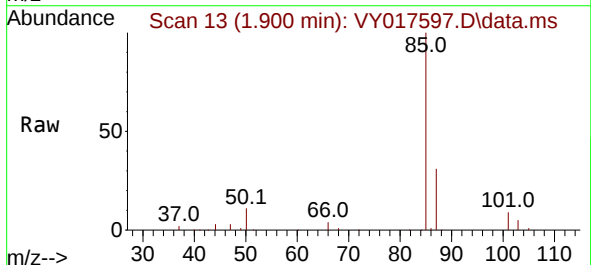
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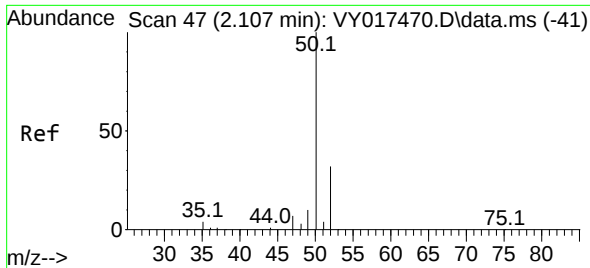
Reviewed By :John Carlone 03/07/2024
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#2
Dichlorodifluoromethane
Concen: 54.878 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

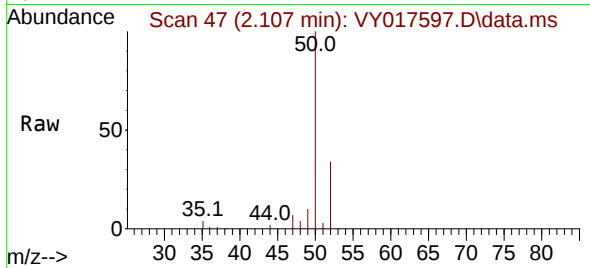
Tgt Ion: 85 Resp: 50052
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0





#3
Chloromethane
Concen: 54.616 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

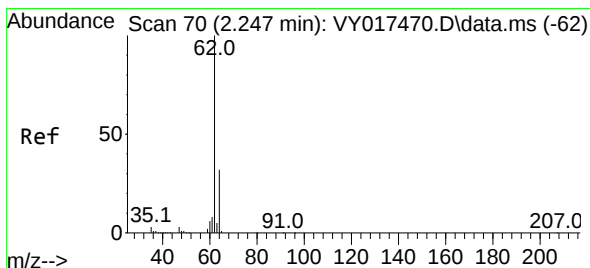
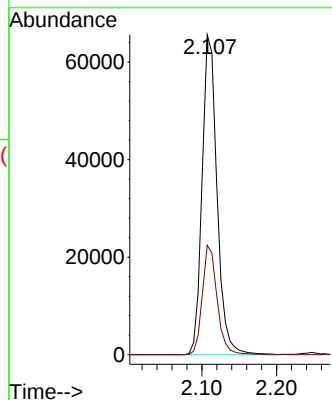
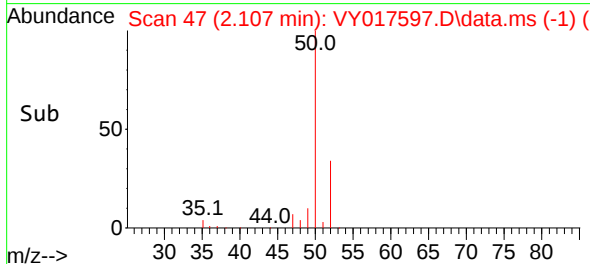
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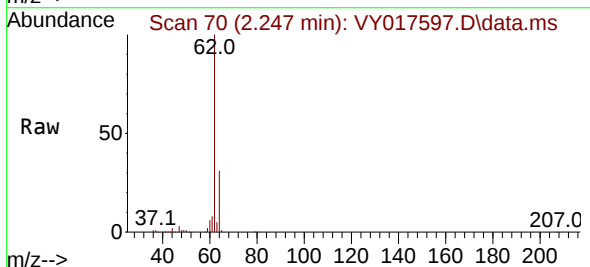
Tgt Ion: 50 Resp: 91014
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4

Manual Integrations
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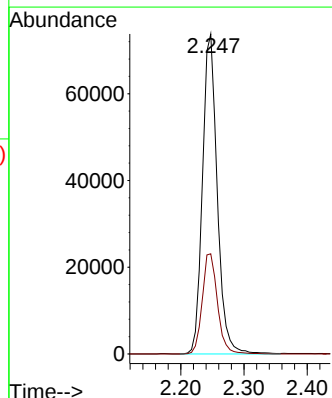
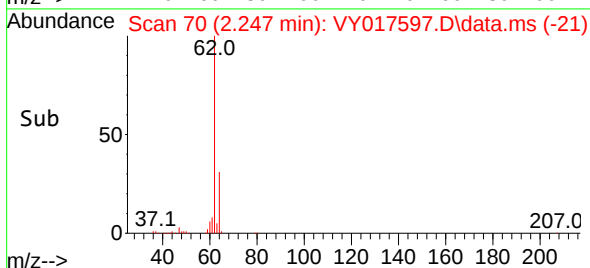
Reviewed By :John Carlone 03/07/2024
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#4
Vinyl Chloride
Concen: 56.189 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00



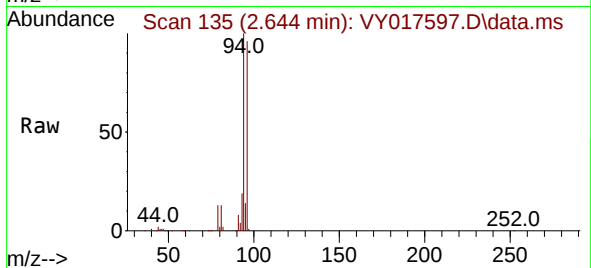
Tgt Ion: 62 Resp: 120126
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1





#5
Bromomethane
Concen: 63.158 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

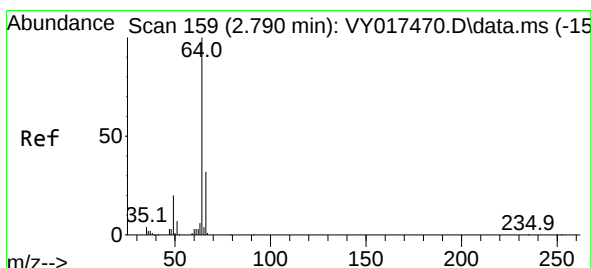
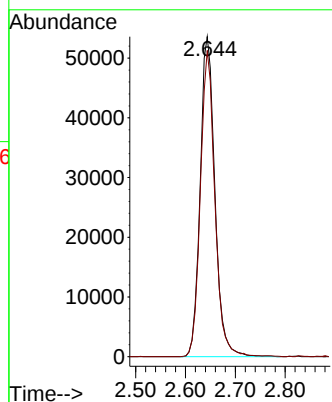
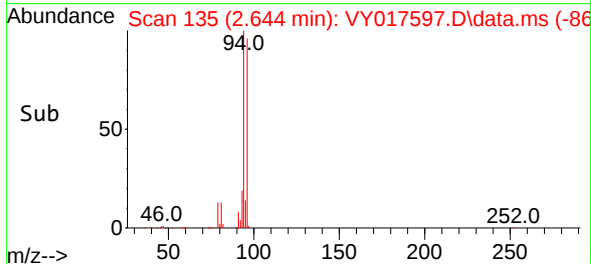
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Tgt Ion: 94 Resp: 110034
Ion Ratio Lower Upper
94 100
96 95.7 74.1 111.1

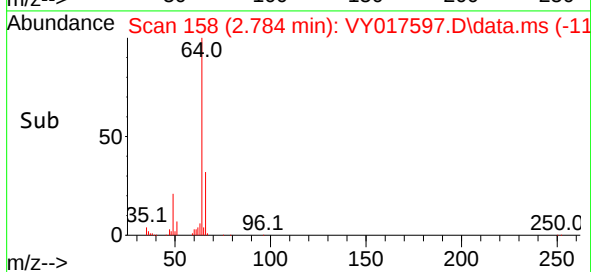
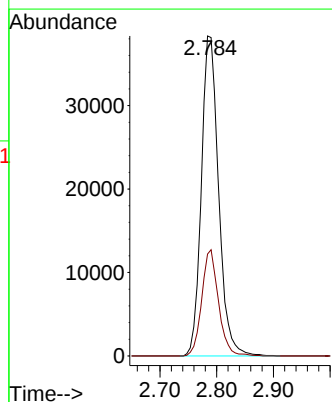
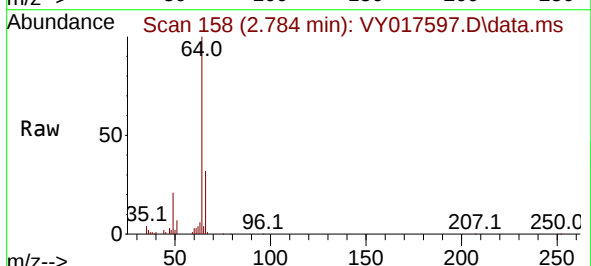
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#6
Chloroethane
Concen: 60.089 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

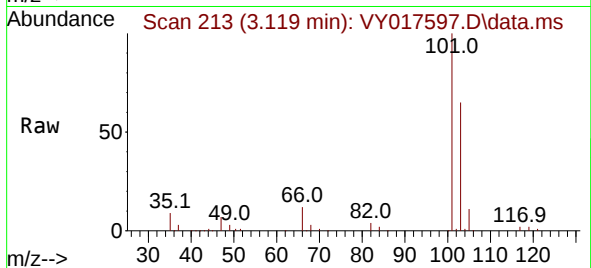
Tgt Ion: 64 Resp: 81040
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





#7
Trichlorofluoromethane
Concen: 58.051 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

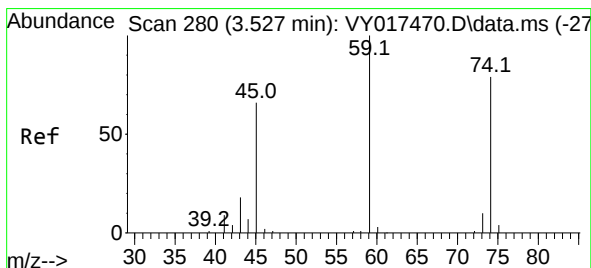
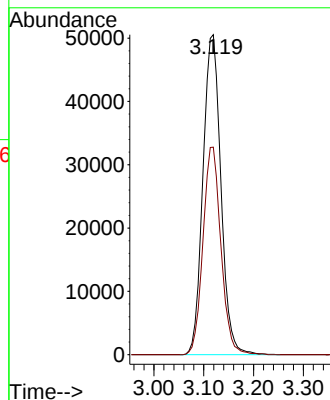
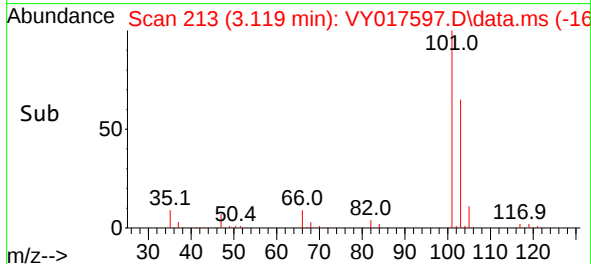
Instrument :
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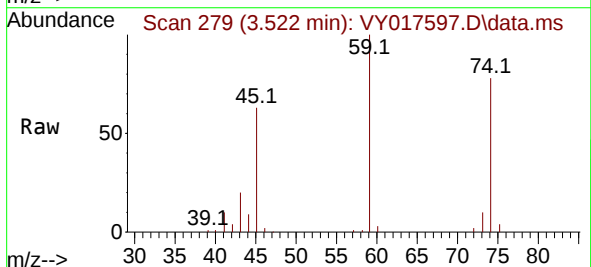
Tgt Ion:101 Resp: 126488
Ion Ratio Lower Upper
101 100
103 64.8 49.3 73.9

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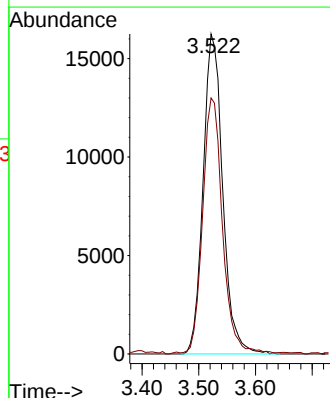
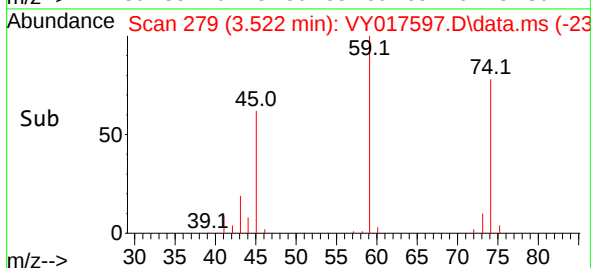
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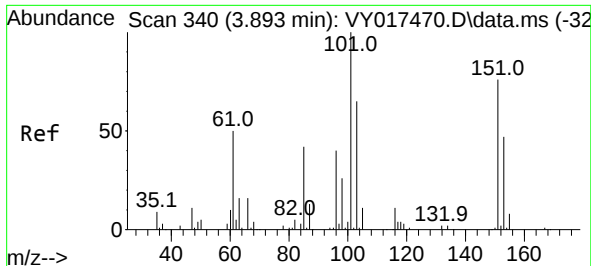


#8
Diethyl Ether
Concen: 60.946 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00



Tgt Ion: 74 Resp: 38949
Ion Ratio Lower Upper
74 100
45 81.5 41.3 124.1





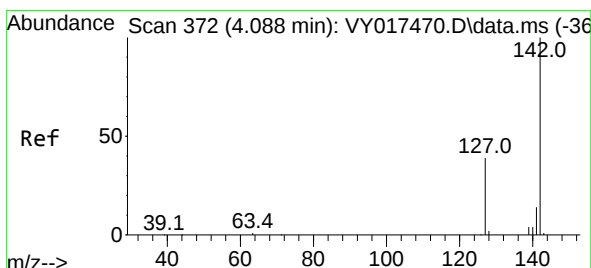
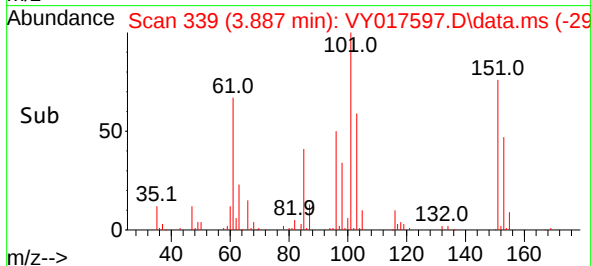
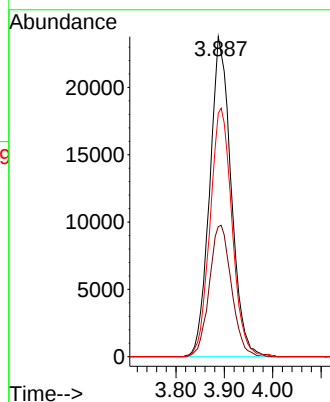
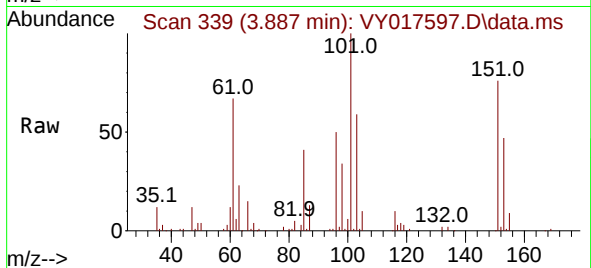
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.276 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7303
Ion Ratio Lower Upper
101 100
85 42.5 34.5 51.7
151 79.8 61.7 92.5

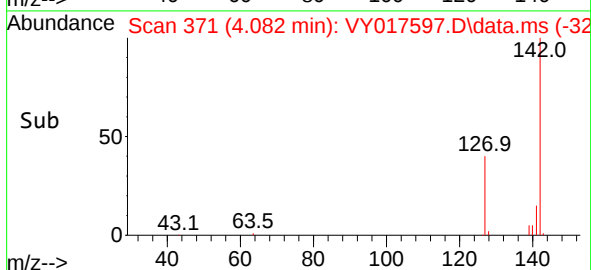
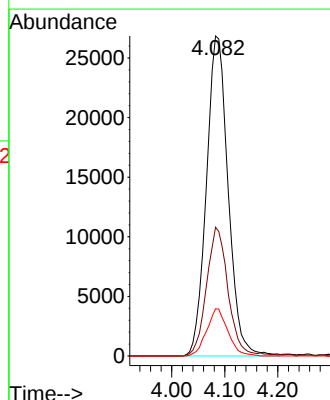
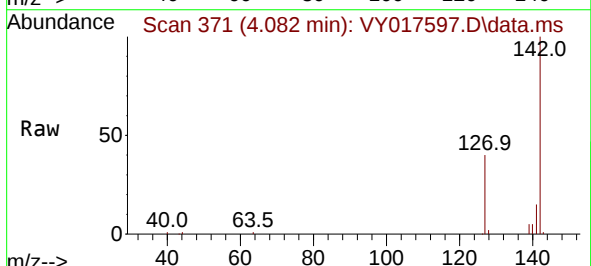
Manual Integrations
APPROVED

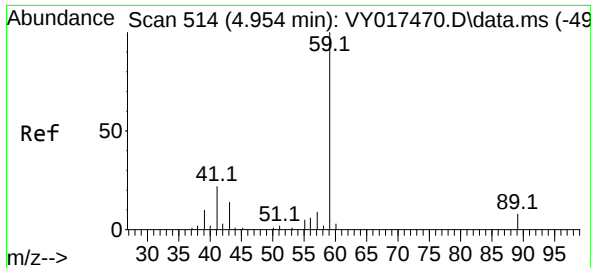
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#10
Methyl Iodide
Concen: 54.353 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion:142 Resp: 76449
Ion Ratio Lower Upper
142 100
127 40.1 32.8 49.2
141 14.4 11.4 17.2





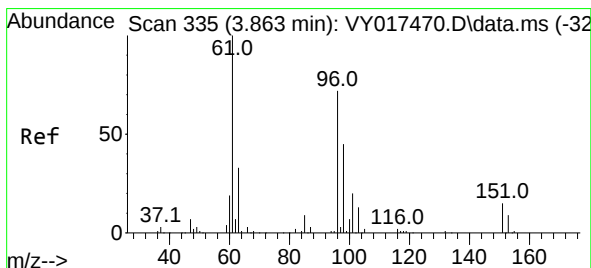
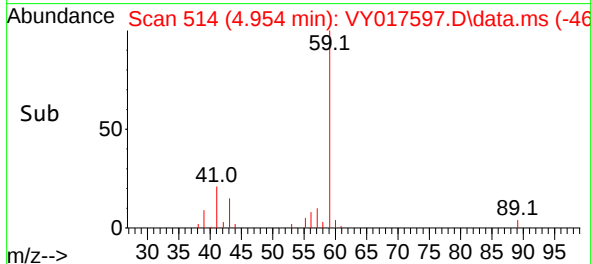
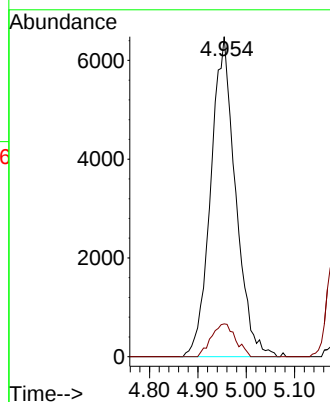
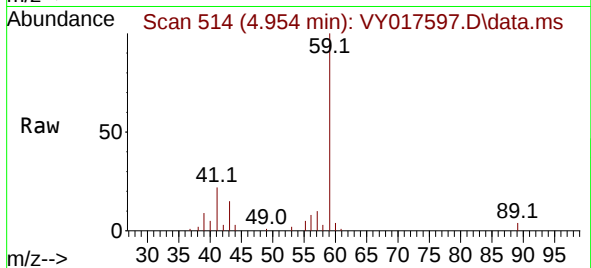
#11
Tert butyl alcohol
Concen: 232.196 ug/l
RT: 4.954 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 2311
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.6

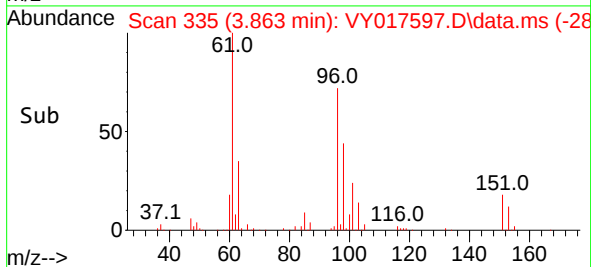
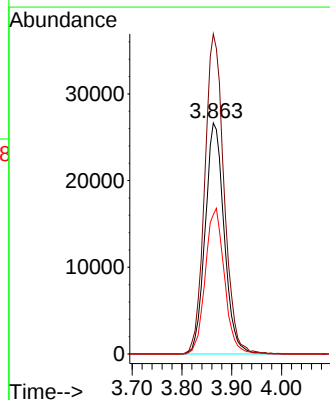
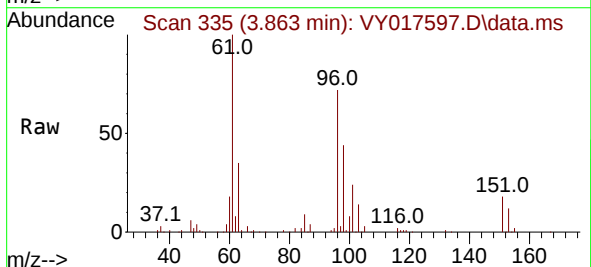
Manual Integrations
APPROVED

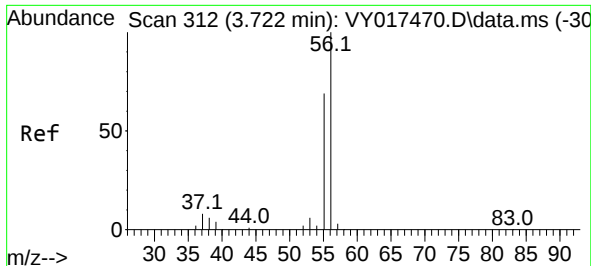
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#12
1,1-Dichloroethene
Concen: 60.317 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

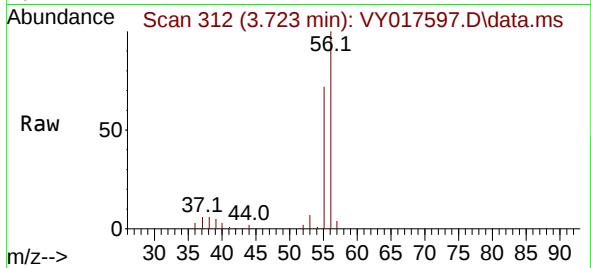
Tgt Ion: 96 Resp: 70450
Ion Ratio Lower Upper
96 100
61 138.5 114.6 171.8
98 60.3 50.8 76.2





#13
Acrolein
Concen: 284.318 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

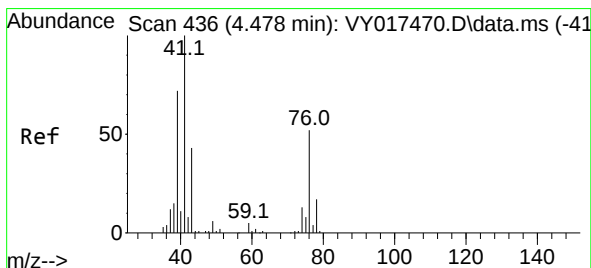
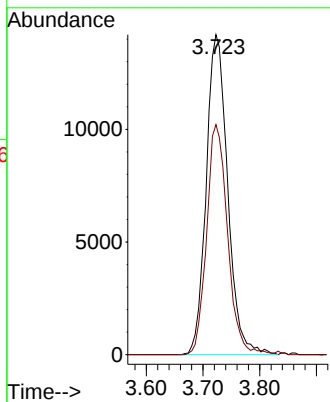
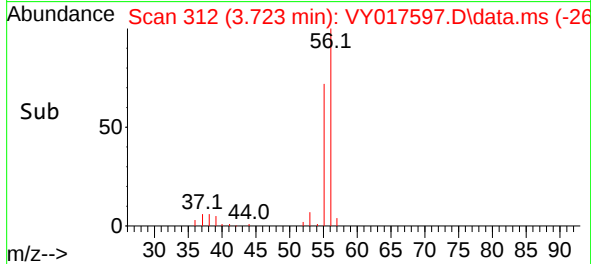
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 3734
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

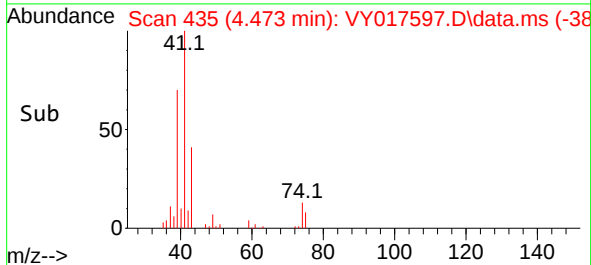
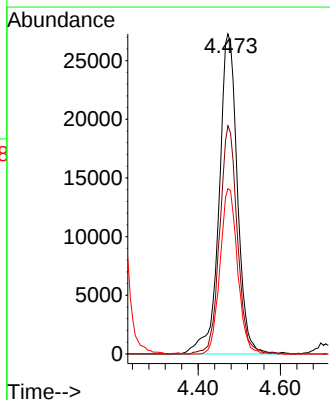
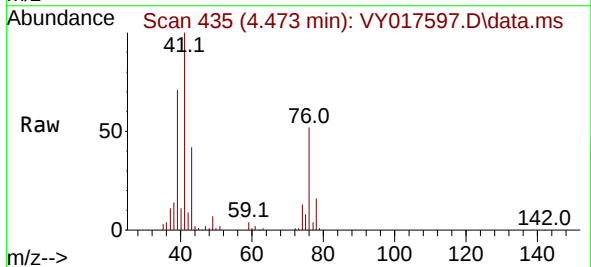
Manual Integrations
APPROVED

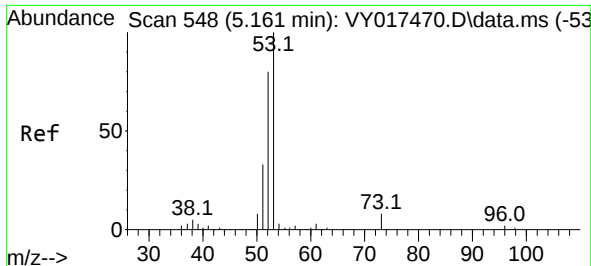
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#14
Allyl chloride
Concen: 59.689 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 41 Resp: 84238
Ion Ratio Lower Upper
41 100
39 68.7 58.3 87.5
76 49.5 39.0 58.6





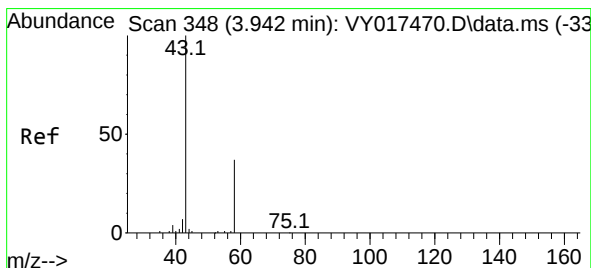
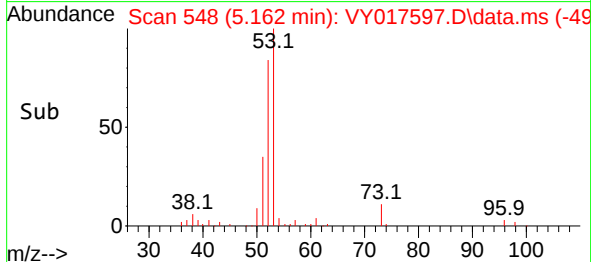
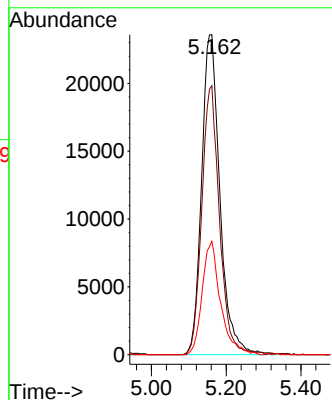
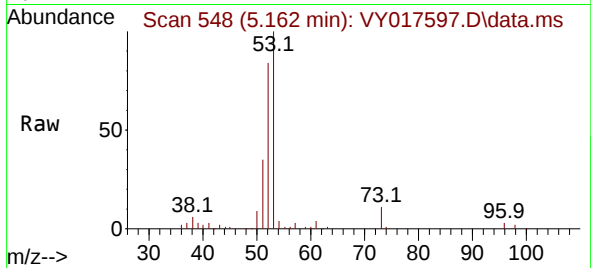
#15
Acrylonitrile
Concen: 305.875 ug/l
RT: 5.162 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 80350
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 35.5 28.4 42.6

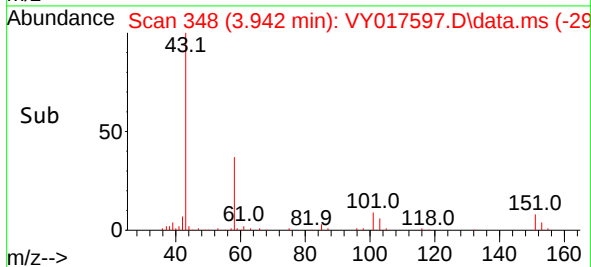
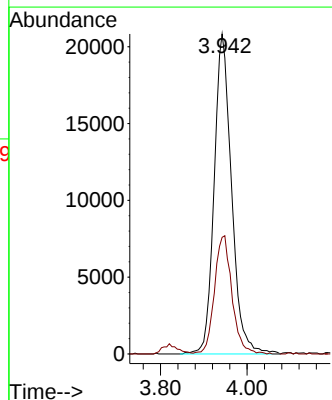
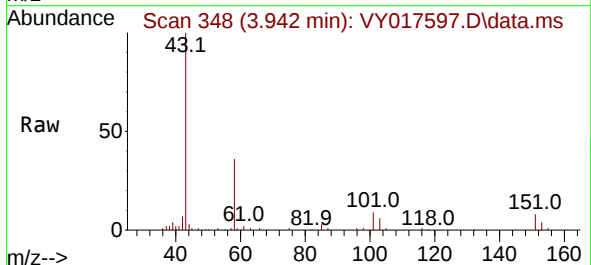
Manual Integrations
APPROVED

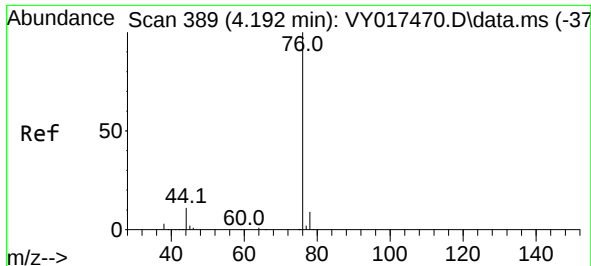
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#16
Acetone
Concen: 256.313 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

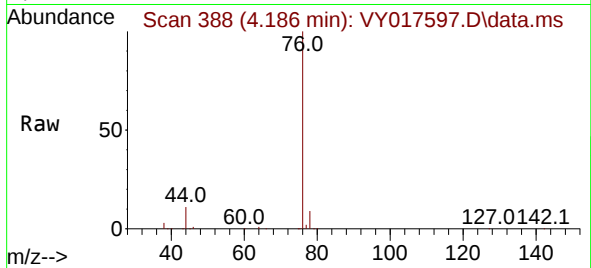
Tgt Ion: 43 Resp: 58255
Ion Ratio Lower Upper
43 100
58 36.5 31.7 47.5





#17
Carbon Disulfide
Concen: 62.131 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

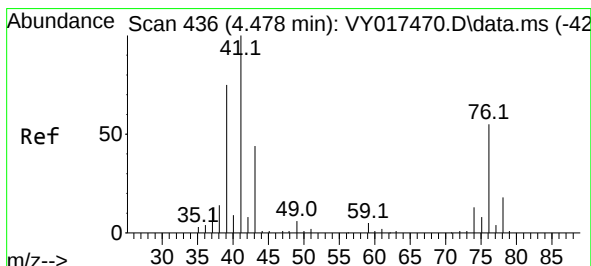
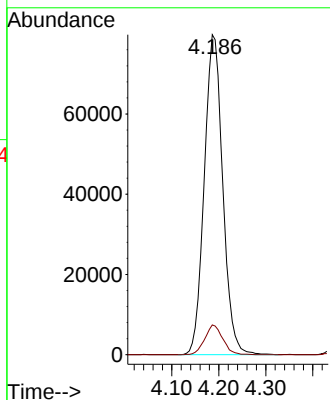
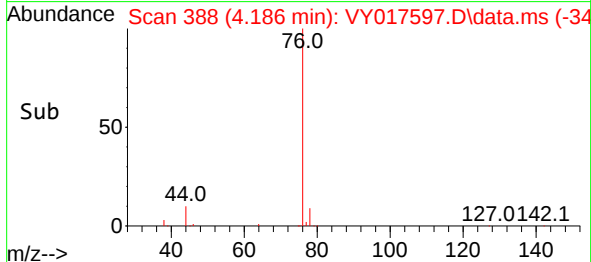
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 21782
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

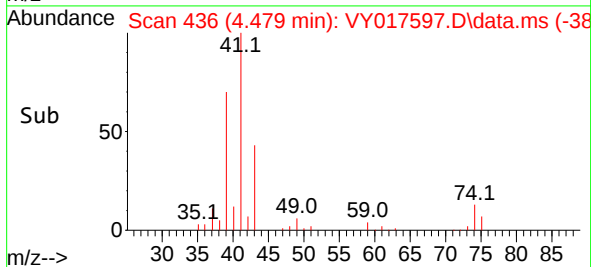
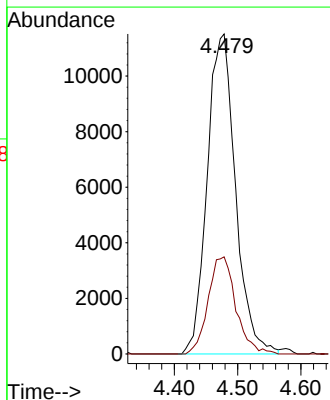
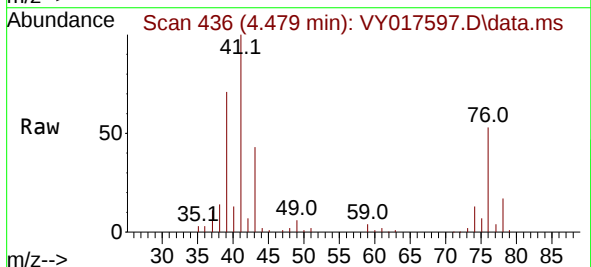
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#18
Methyl Acetate
Concen: 64.846 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 43 Resp: 35756
Ion Ratio Lower Upper
43 100
74 29.7 23.3 34.9





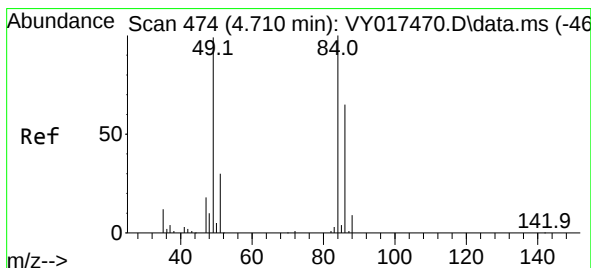
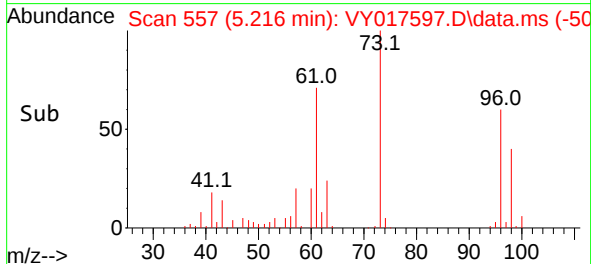
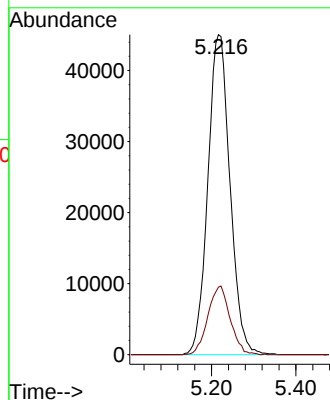
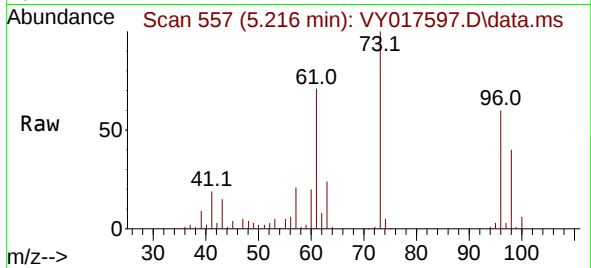
#19
Methyl tert-butyl Ether
Concen: 60.318 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 164209
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

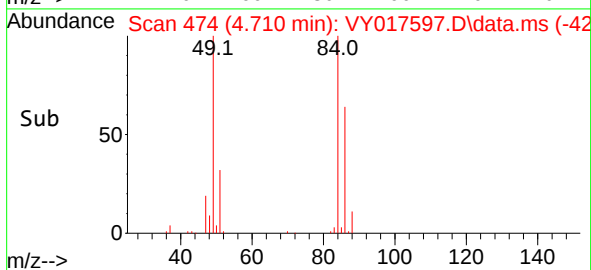
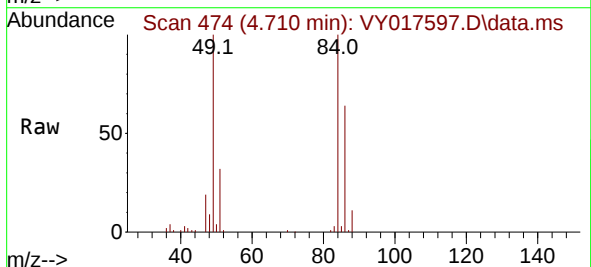
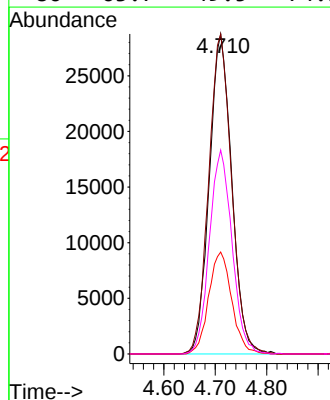
Manual Integrations
APPROVED

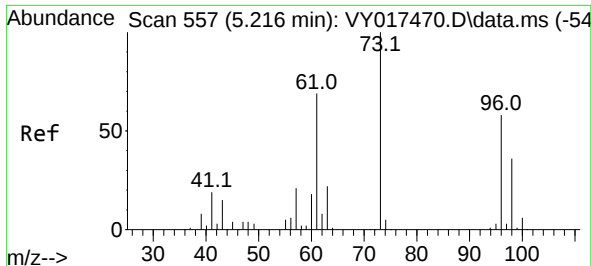
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#20
Methylene Chloride
Concen: 67.146 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 84 Resp: 87153
Ion Ratio Lower Upper
84 100
49 100.0 84.4 126.6
51 31.9 26.0 39.0
86 63.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 61.322 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 83862

Ion Ratio Lower Upper

96 100

61 118.4 97.5 146.3

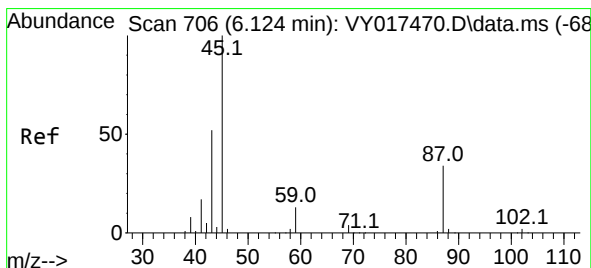
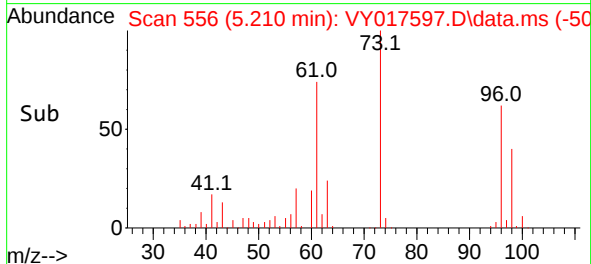
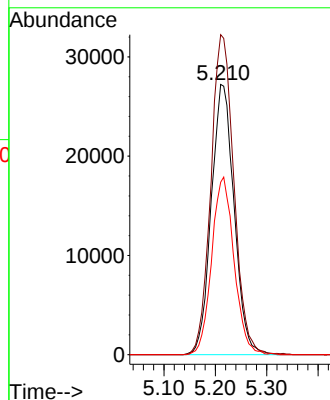
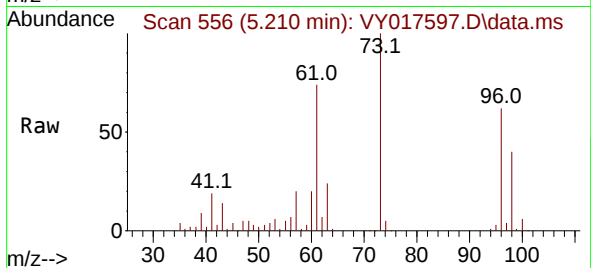
98 63.9 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#22

Diisopropyl ether

Concen: 61.442 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Tgt Ion: 45 Resp: 200096

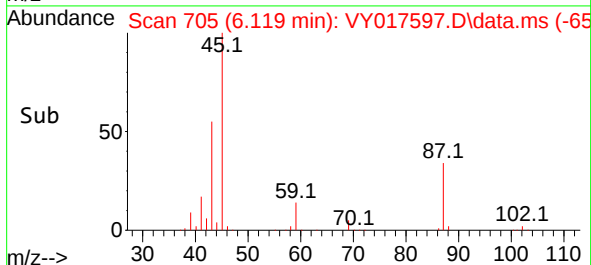
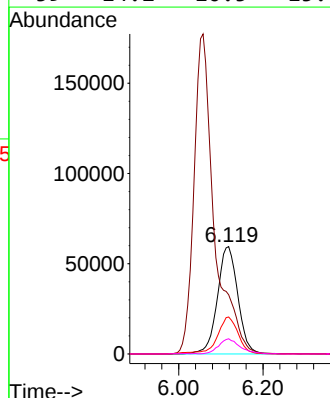
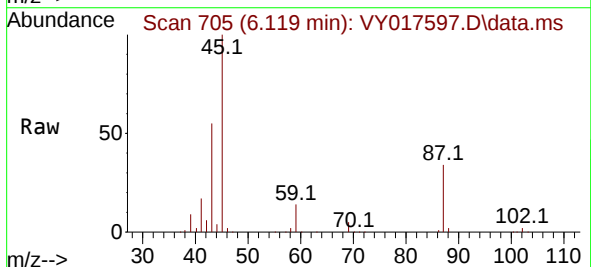
Ion Ratio Lower Upper

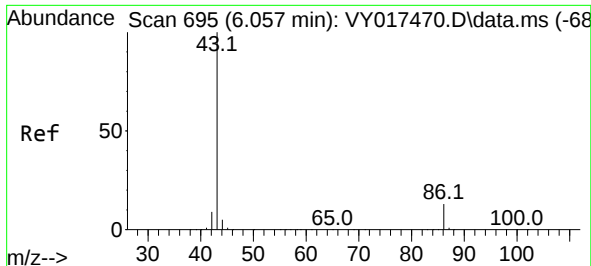
45 100

43 54.8 42.2 63.2

87 34.5 25.0 37.6

59 14.2 10.5 15.7





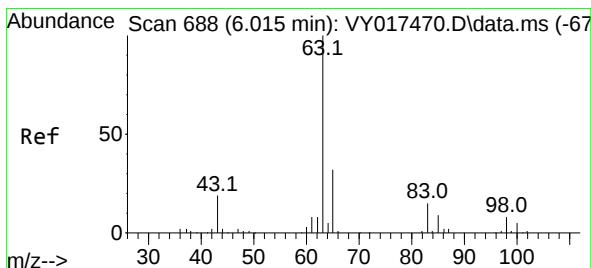
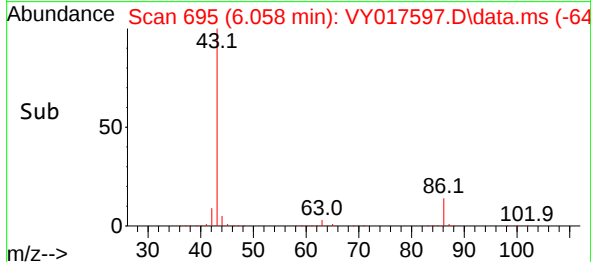
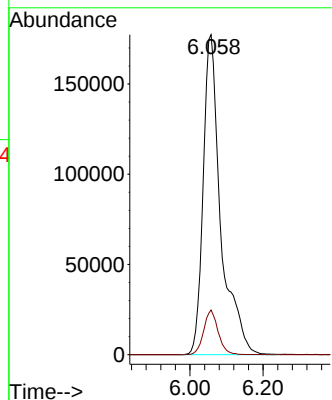
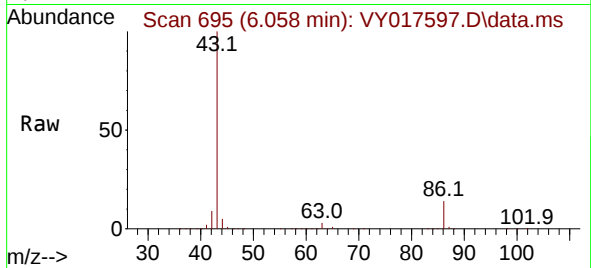
#23
 Vinyl Acetate
 Concen: 305.690 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017597.D
 Acq: 06 Mar 2024 19:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 593228
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0

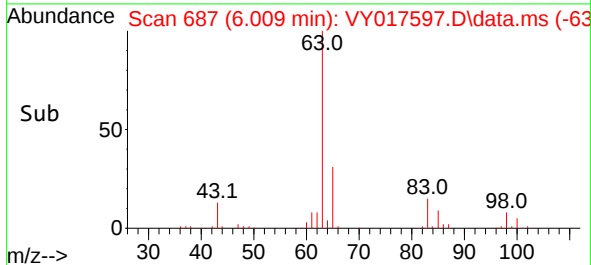
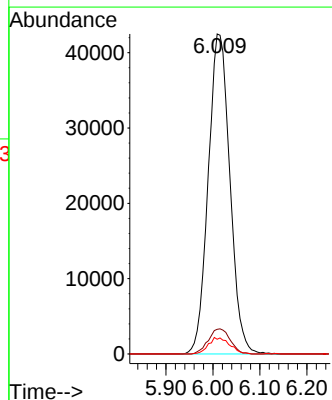
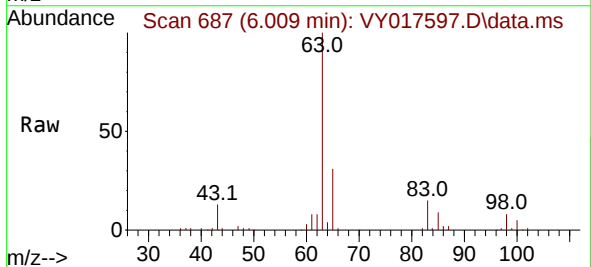
Manual Integrations
 APPROVED

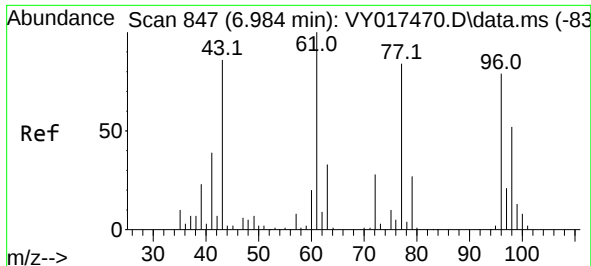
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#24
 1,1-Dichloroethane
 Concen: 61.121 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY017597.D
 Acq: 06 Mar 2024 19:00

Tgt Ion: 63 Resp: 135988
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.6 2.6 8.0





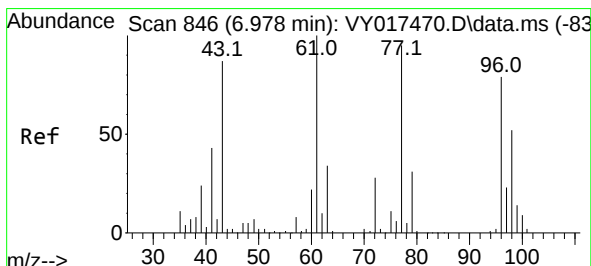
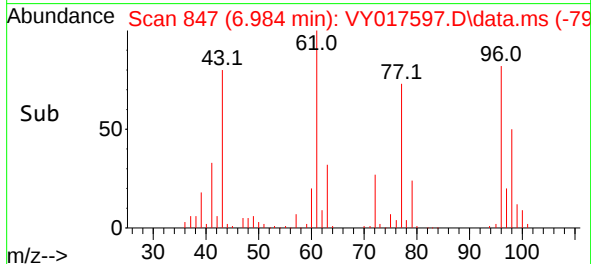
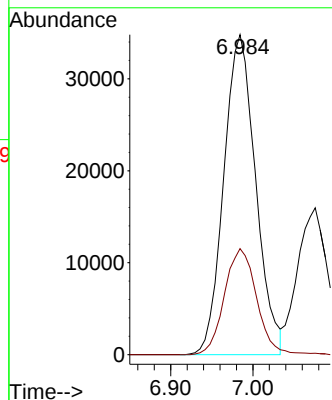
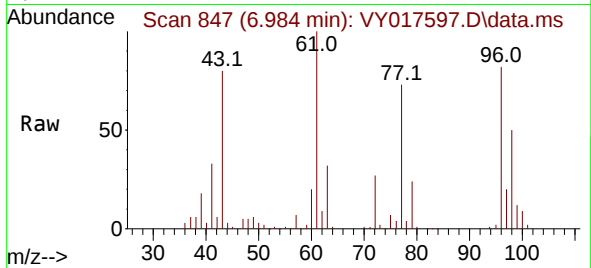
#25
2-Butanone
Concen: 289.420 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 93744
Ion Ratio Lower Upper
43 100
72 33.1 27.3 40.9

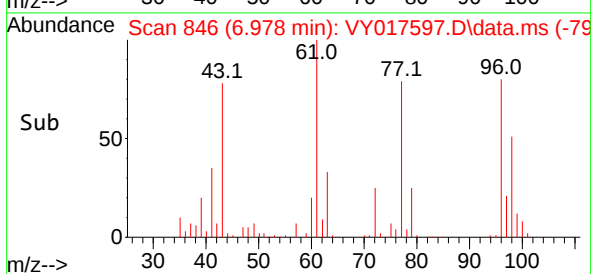
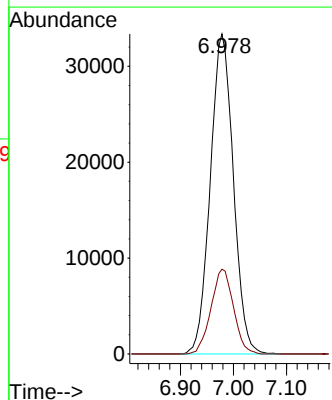
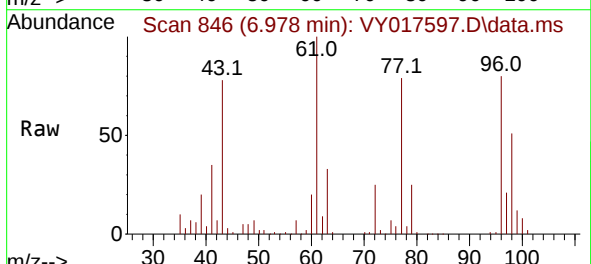
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APPROVED

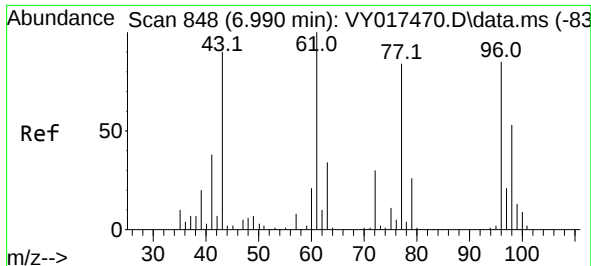
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#26
2,2-Dichloropropane
Concen: 53.863 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 77 Resp: 100758
Ion Ratio Lower Upper
77 100
97 25.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 61.782 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

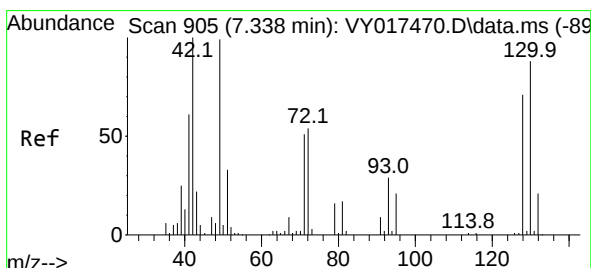
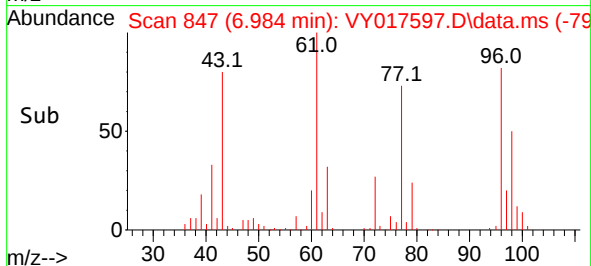
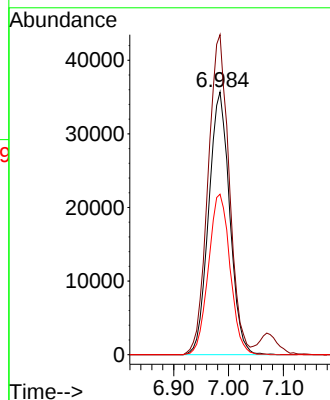
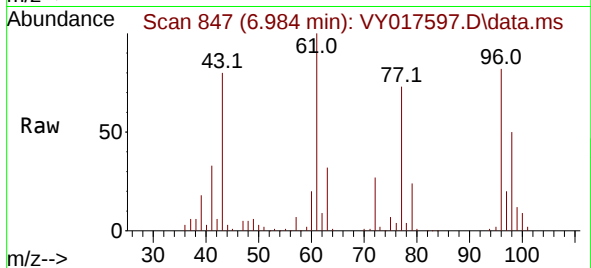
Tgt Ion: 96 Resp: 94864
Ion Ratio Lower Upper
96 100
61 123.0 0.0 256.2
98 62.9 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#28

Bromochloromethane

Concen: 58.700 ug/l

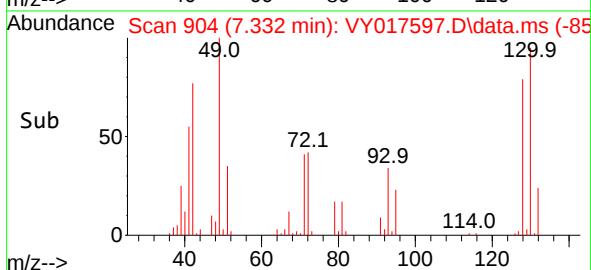
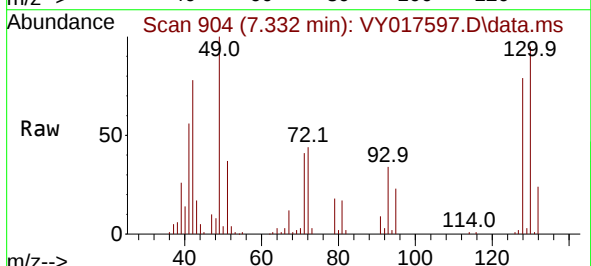
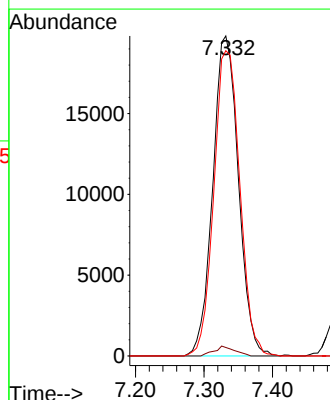
RT: 7.332 min Scan# 904

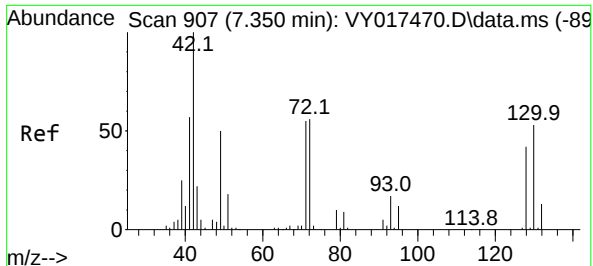
Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Tgt Ion: 49 Resp: 51436
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 96.7 72.7 109.1





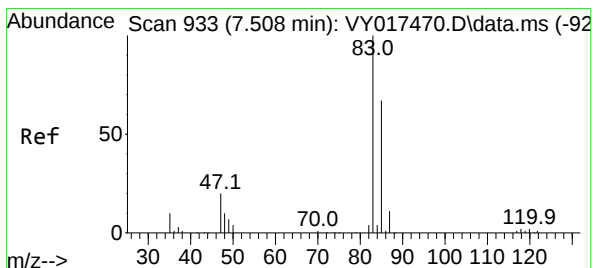
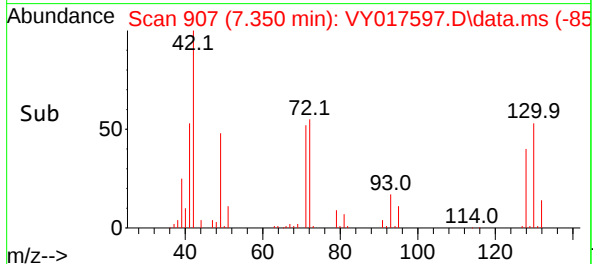
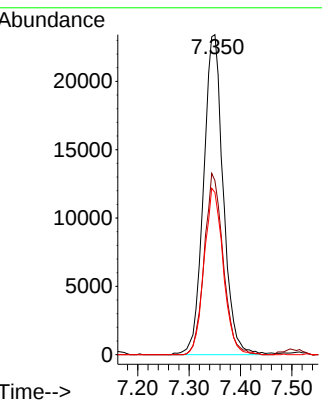
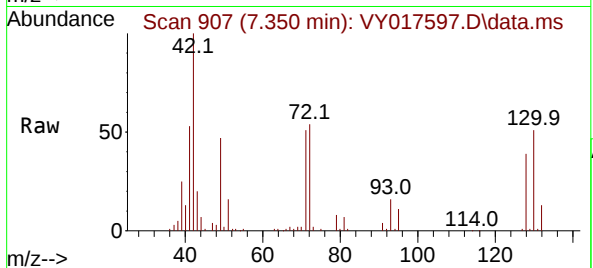
#29
Tetrahydrofuran
Concen: 318.502 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 62188
Ion Ratio Lower Upper
42 100
72 54.4 43.0 64.4
71 50.6 40.8 61.2

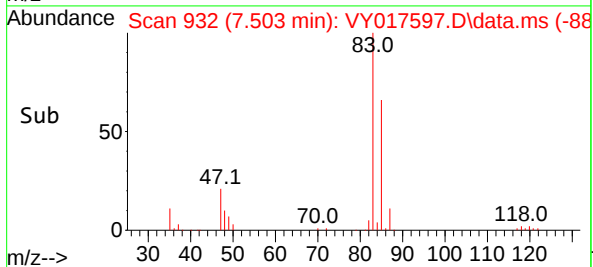
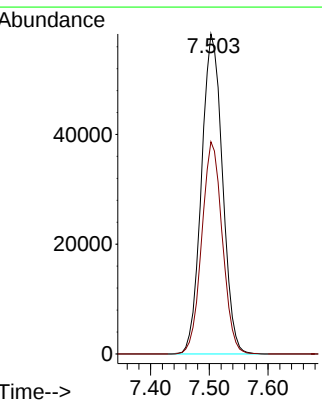
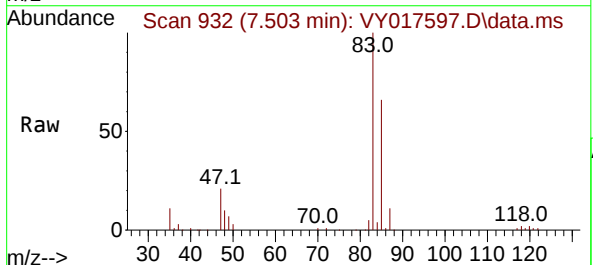
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APPROVED

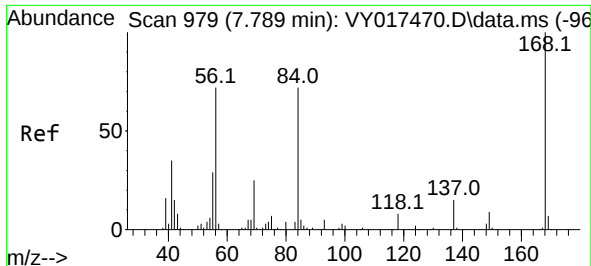
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#30
Chloroform
Concen: 61.051 ug/l
RT: 7.503 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

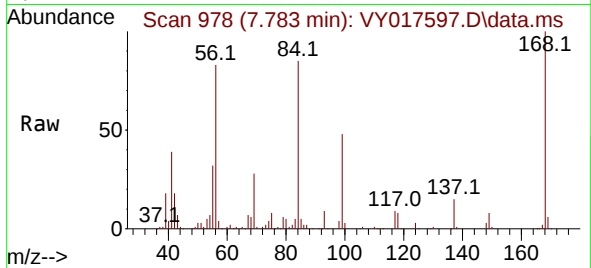
Tgt Ion: 83 Resp: 144616
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.4





#31
Cyclohexane
Concen: 57.798 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

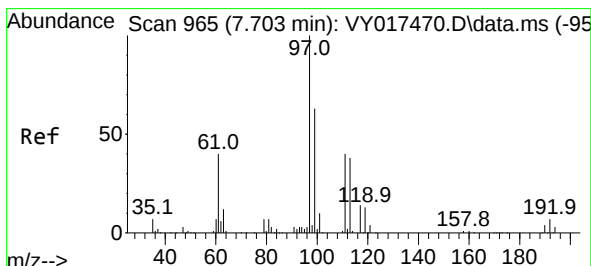
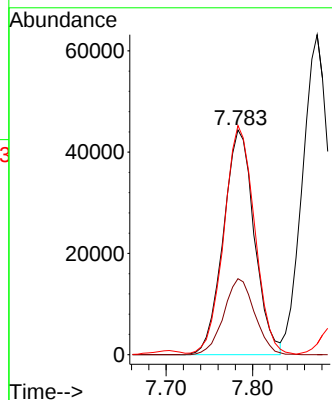
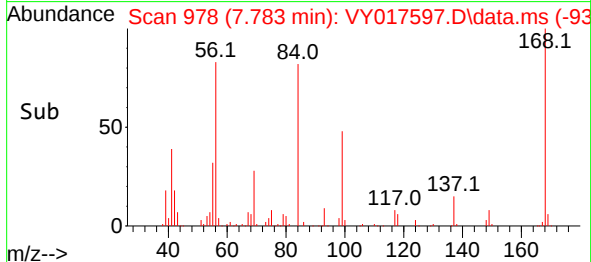
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 110219
Ion Ratio Lower Upper
56 100
69 33.8 28.7 43.1
84 100.8 77.7 116.5

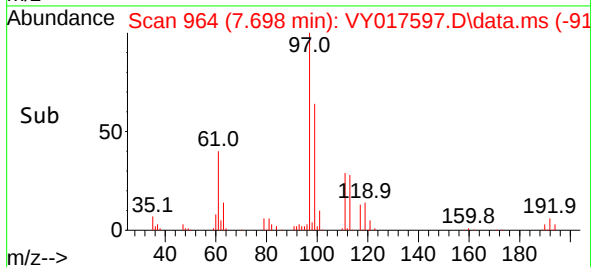
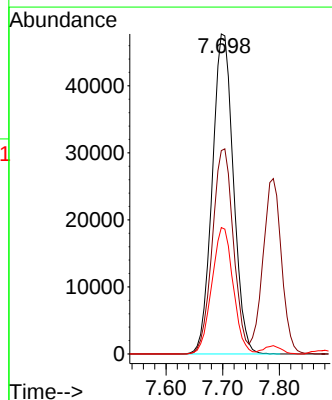
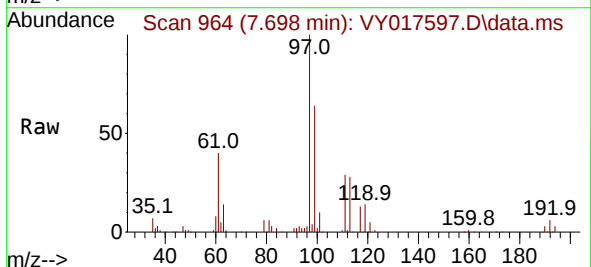
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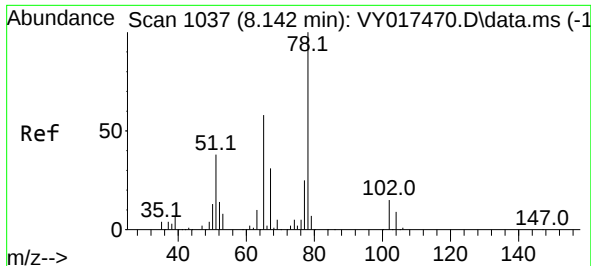
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#32
1,1,1-Trichloroethane
Concen: 60.017 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 97 Resp: 123427
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 39.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.472 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 5562

Ion Ratio Lower Upper

65 100

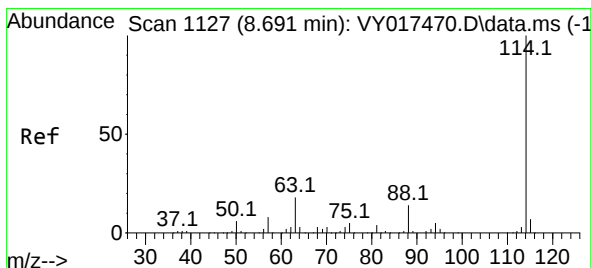
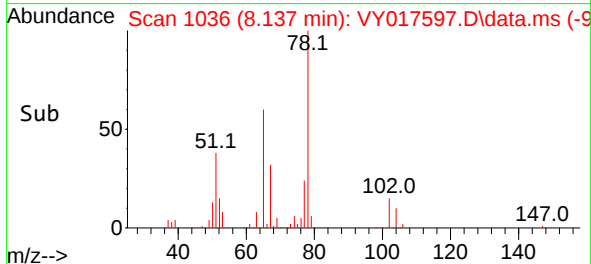
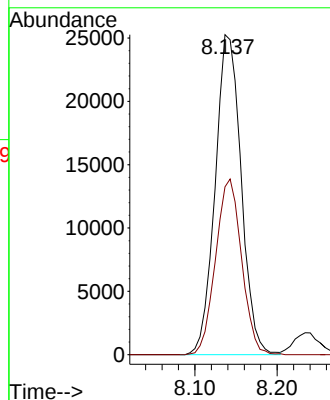
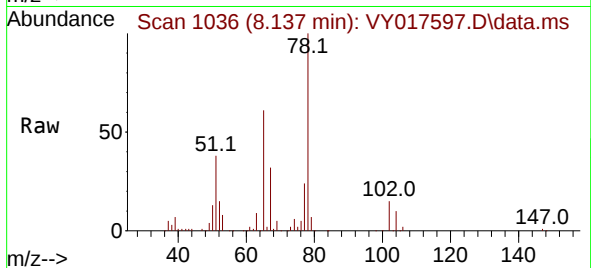
67 54.7 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

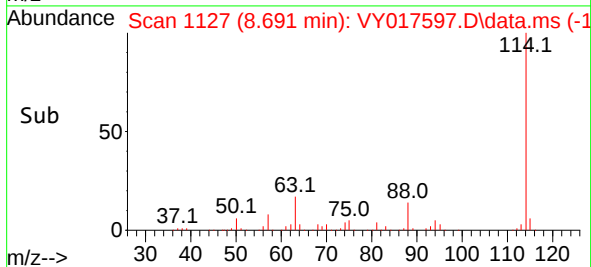
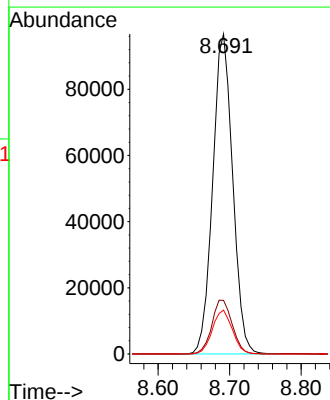
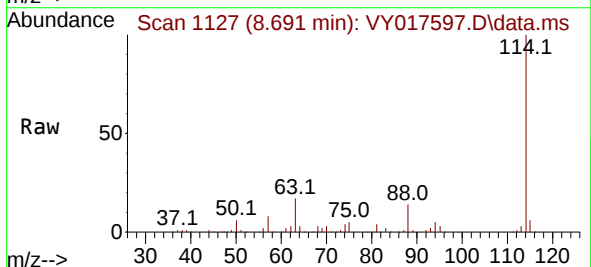
Tgt Ion:114 Resp: 187292

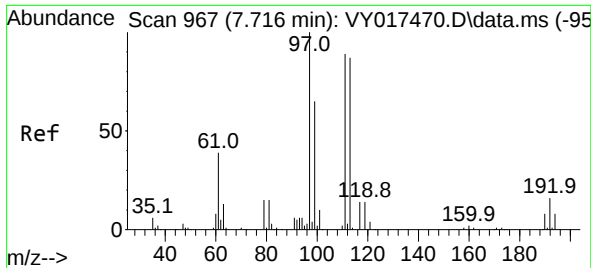
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

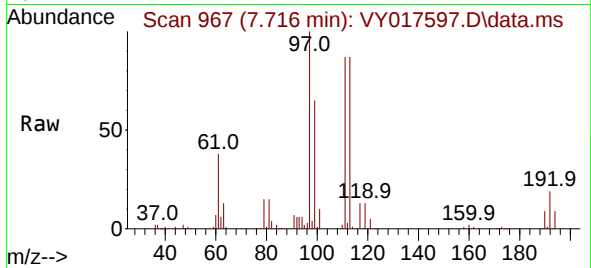
88 13.7 0.0 27.2





#35
Dibromofluoromethane
Concen: 49.391 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

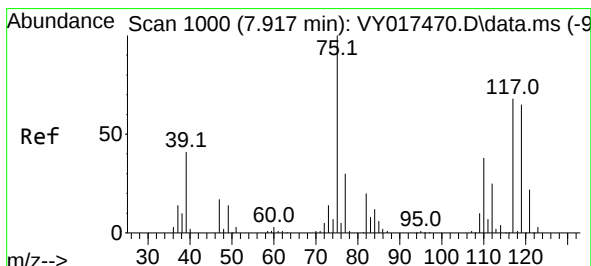
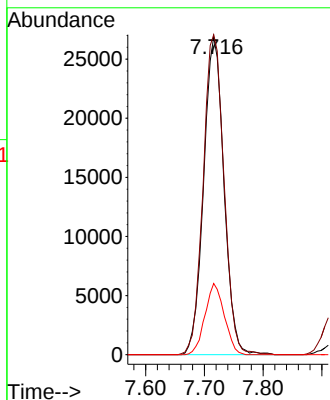
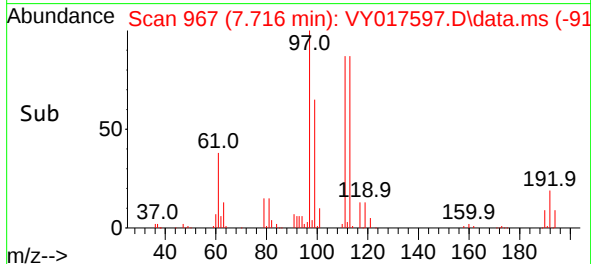
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



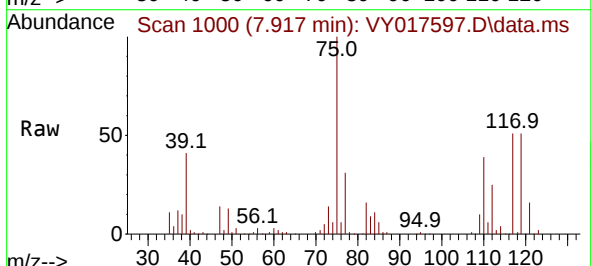
Tgt Ion:113 Resp: 6446
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.3 15.9 23.9

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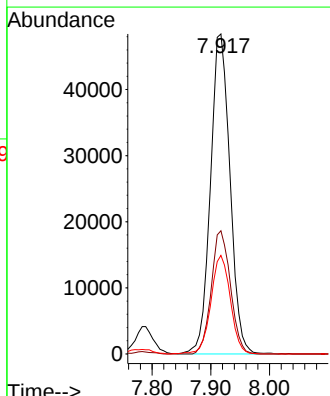
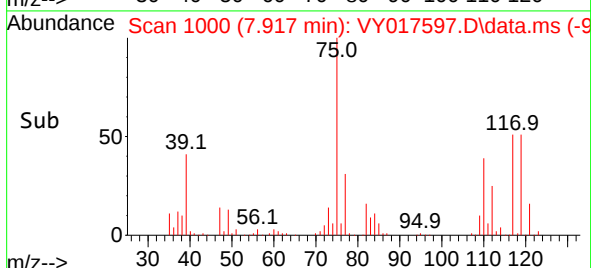
Reviewed By :John Carbone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

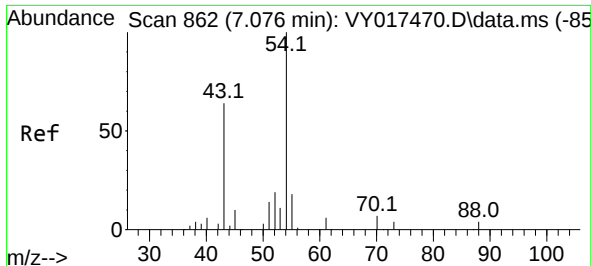


#36
1,1-Dichloropropene
Concen: 63.554 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00



Tgt Ion: 75 Resp: 111910
Ion Ratio Lower Upper
75 100
110 37.7 19.0 57.0
77 30.7 25.3 37.9





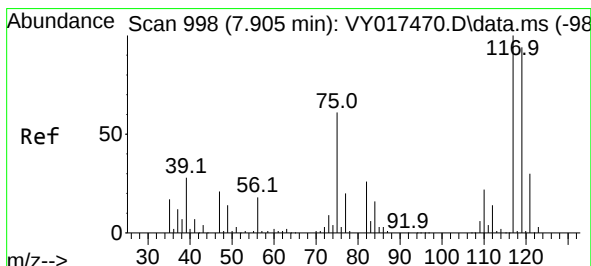
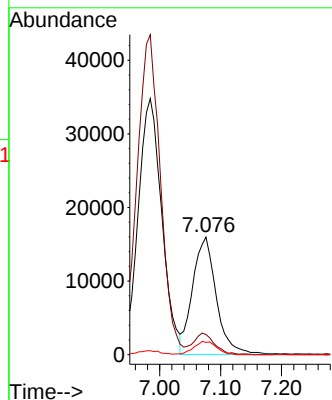
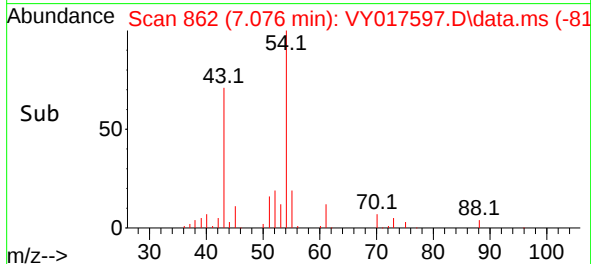
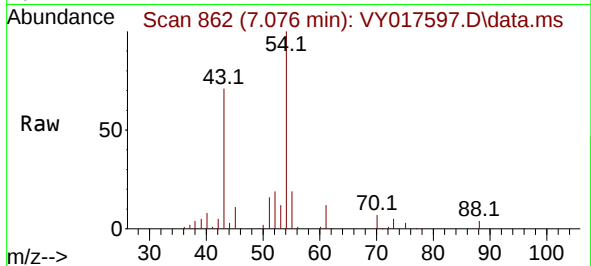
#37
Ethyl Acetate
Concen: 61.831 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 43002
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 10.9 7.8 11.8

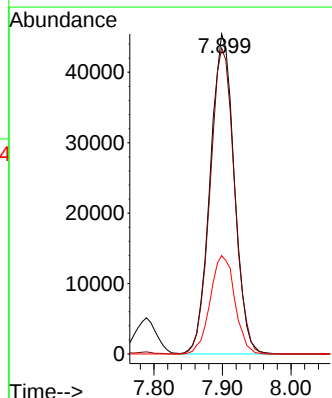
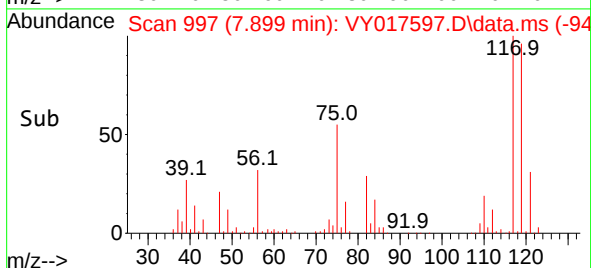
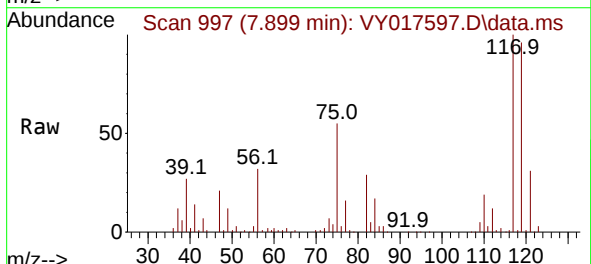
Manual Integrations
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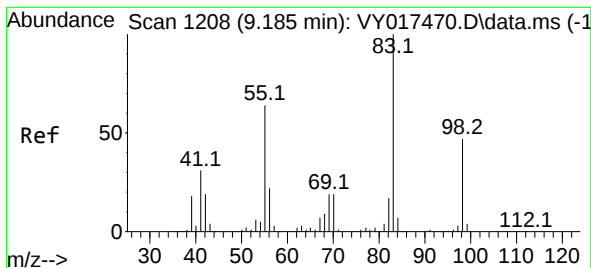
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#38
Carbon Tetrachloride
Concen: 62.738 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion:117 Resp: 110719
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6
121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 63.332 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13402

Ion Ratio Lower Upper

83 100

55 62.6 51.5 77.3

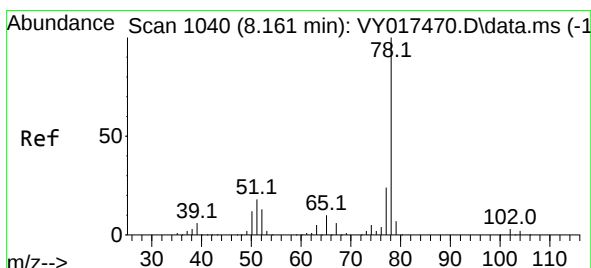
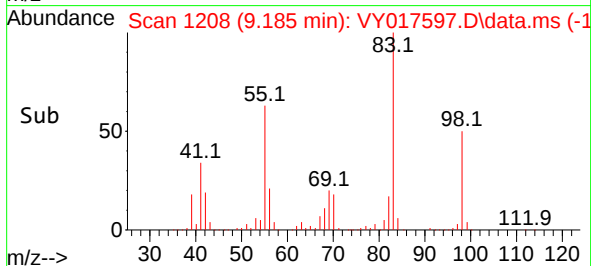
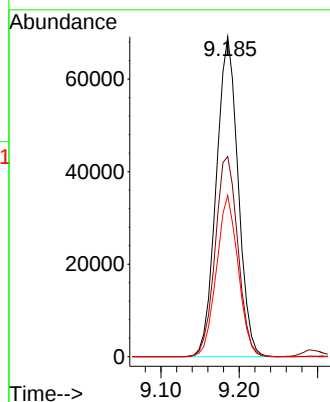
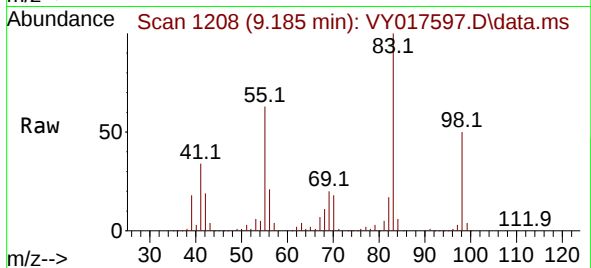
98 50.4 40.5 60.7

Manual Integrations

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Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#40

Benzene

Concen: 63.783 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017597.D

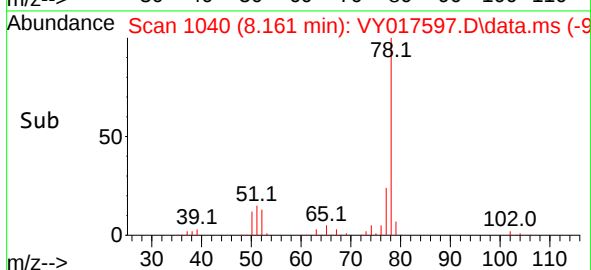
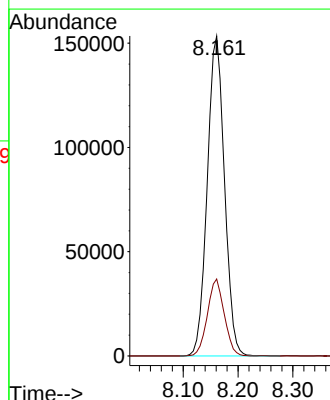
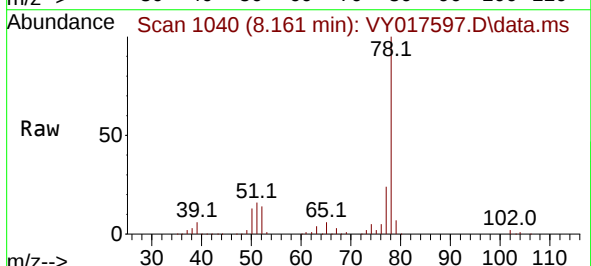
Acq: 06 Mar 2024 19:00

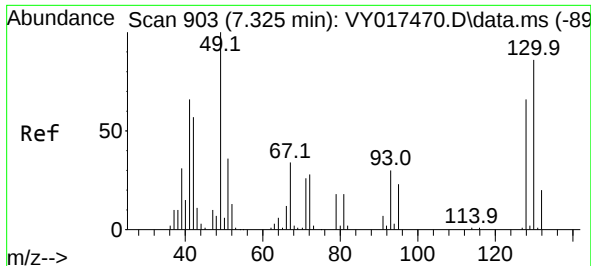
Tgt Ion: 78 Resp: 333543

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3





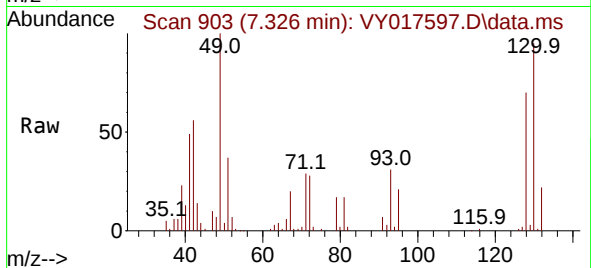
#41
Methacrylonitrile
Concen: 73.280 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



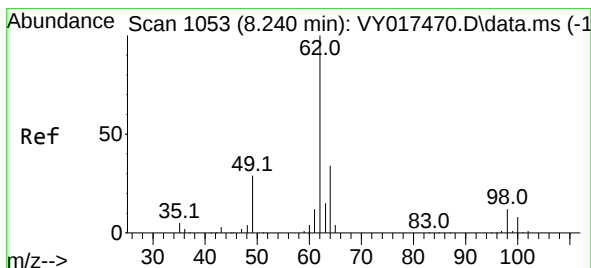
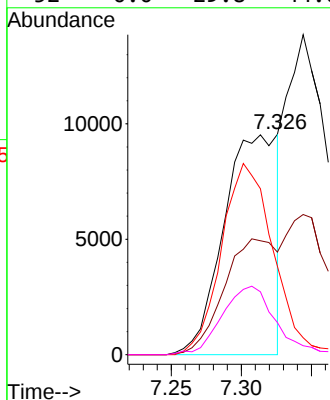
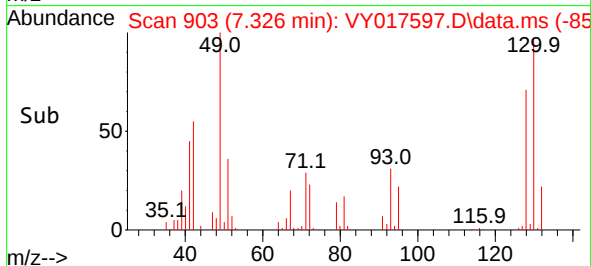
Tgt Ion: 41 Resp: 2557
Ion Ratio Lower Upper
41 100
39 54.0 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6#

Manual Integrations

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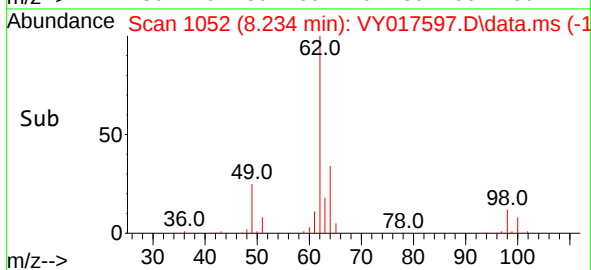
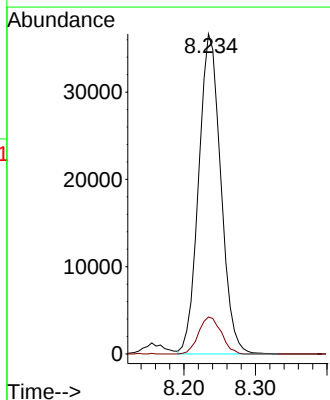
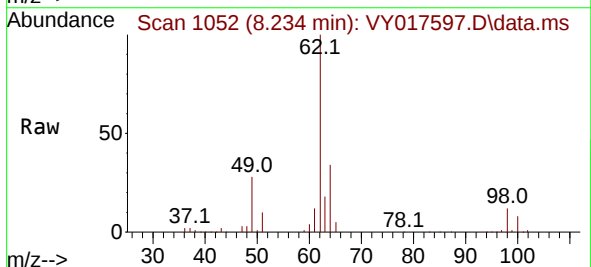
Reviewed By :John Carlone 03/07/2024

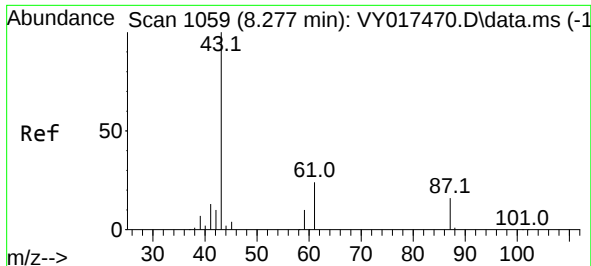
Supervised By :Mahesh Dadoda 03/07/2024



#42
1,2-Dichloroethane
Concen: 61.775 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

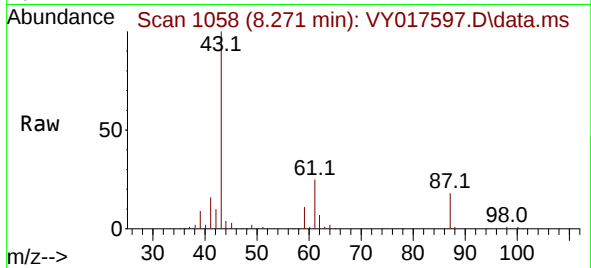
Tgt Ion: 62 Resp: 78818
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.0





#43
Isopropyl Acetate
Concen: 63.383 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

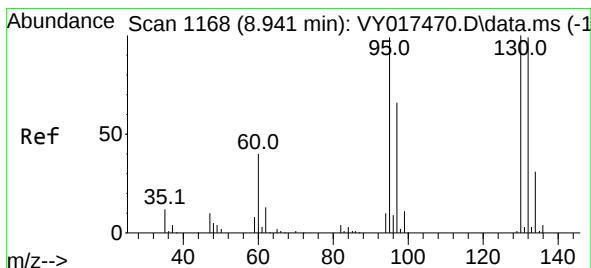
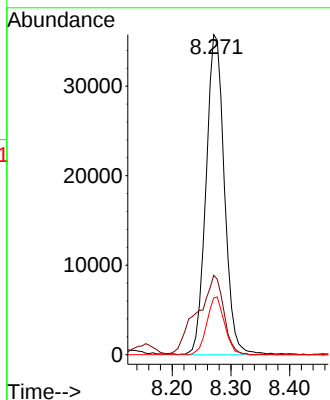
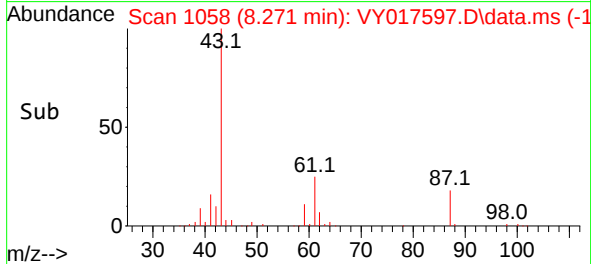
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 7746
Ion Ratio Lower Upper
43 100
61 35.7 27.9 41.9
87 17.4 13.1 19.7

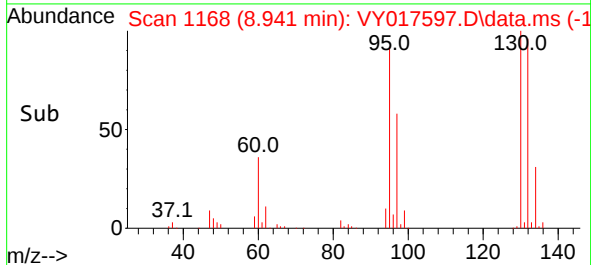
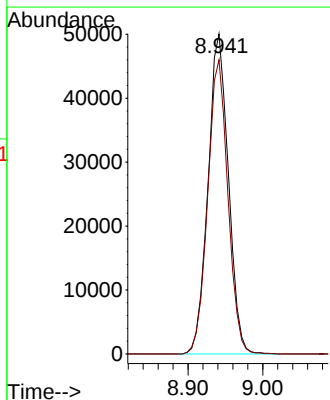
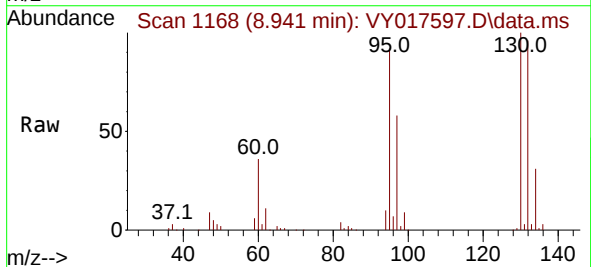
Manual Integrations
APPROVED

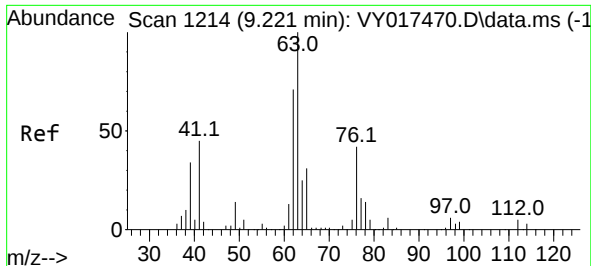
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#44
Trichloroethene
Concen: 62.776 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion:130 Resp: 94619
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 63.007 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 78389

Ion Ratio Lower Upper

63 100

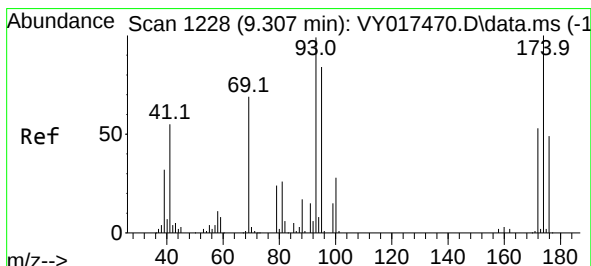
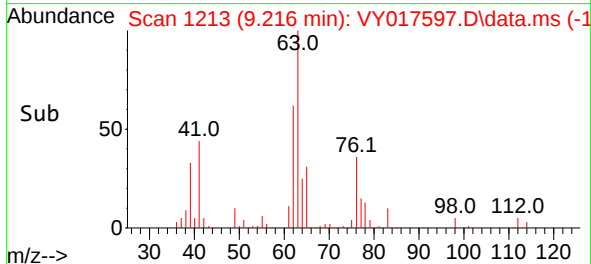
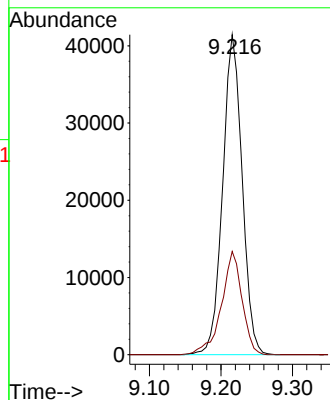
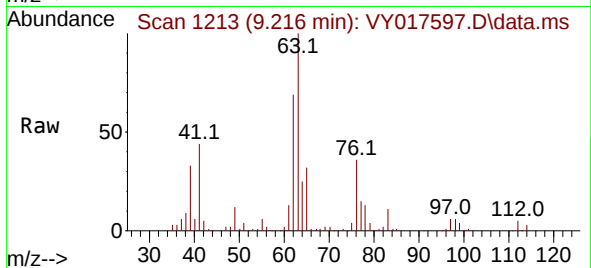
65 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#46

Dibromomethane

Concen: 64.647 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

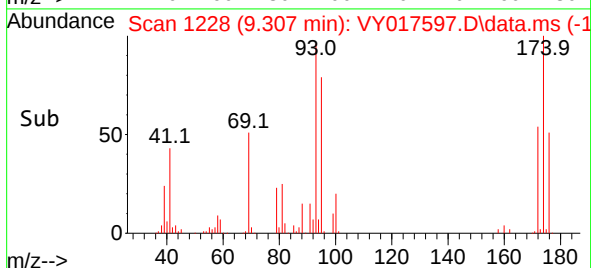
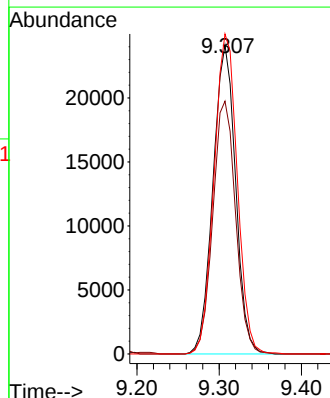
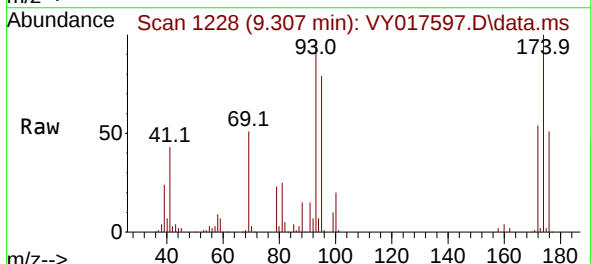
Tgt Ion: 93 Resp: 46030

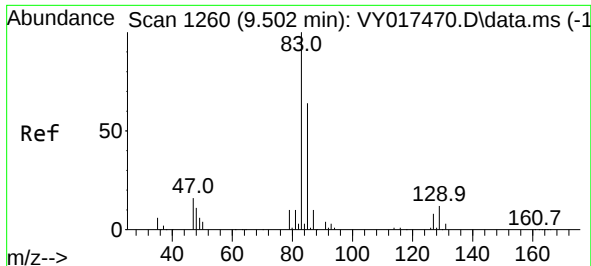
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 106.6 80.9 121.3





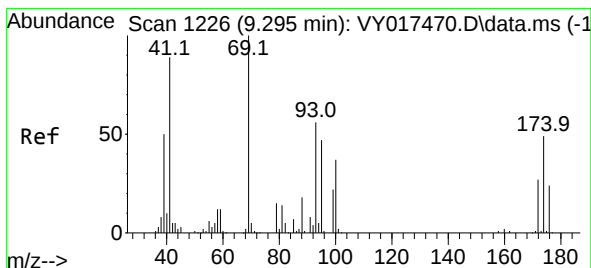
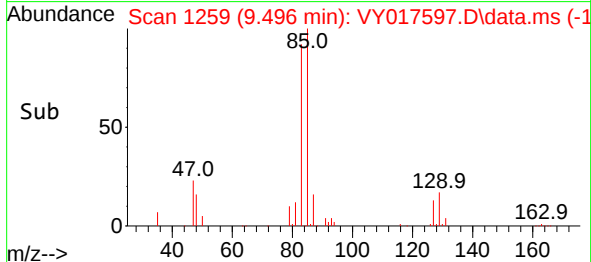
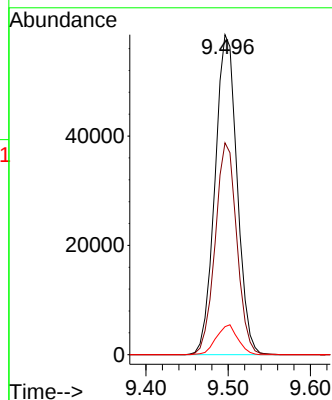
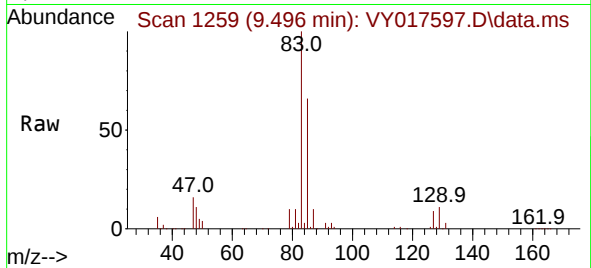
#47
Bromodichloromethane
Concen: 63.357 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 10953
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 8.8 7.4 11.0

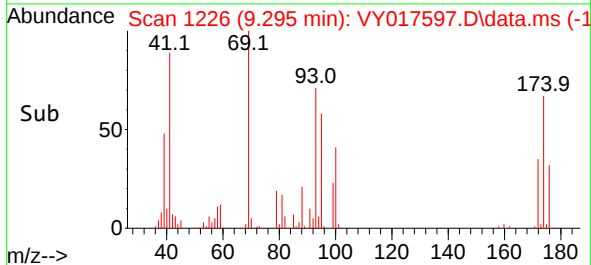
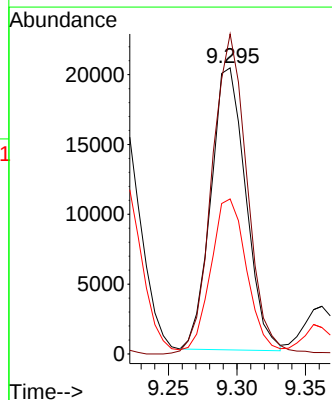
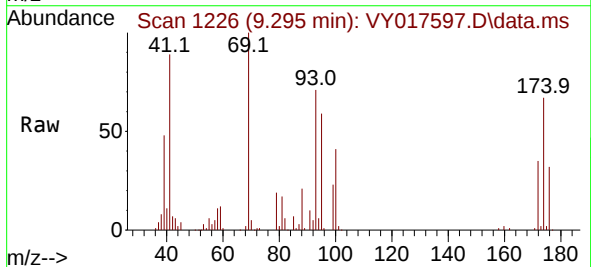
Manual Integrations
APPROVED

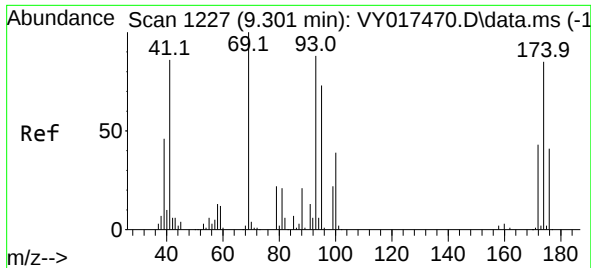
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#48
Methyl methacrylate
Concen: 63.394 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

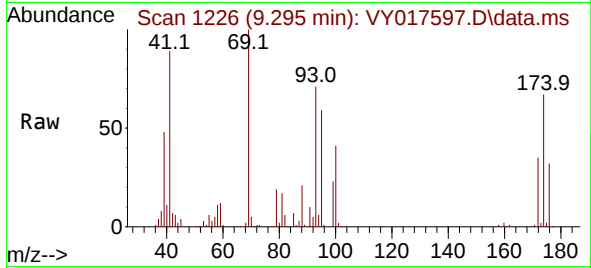
Tgt Ion: 41 Resp: 35862
Ion Ratio Lower Upper
41 100
69 114.0 84.1 126.1
39 53.9 43.6 65.4





#49
1,4-Dioxane
Concen: 1291.127 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

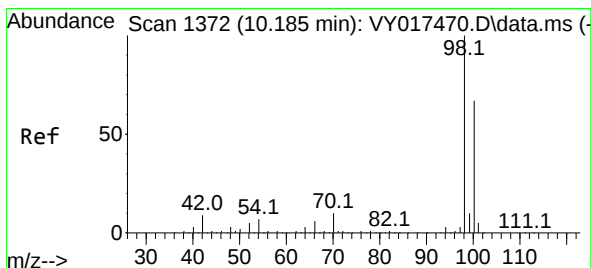
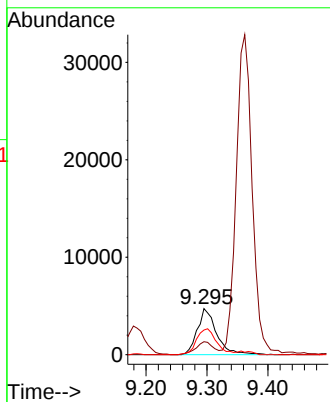
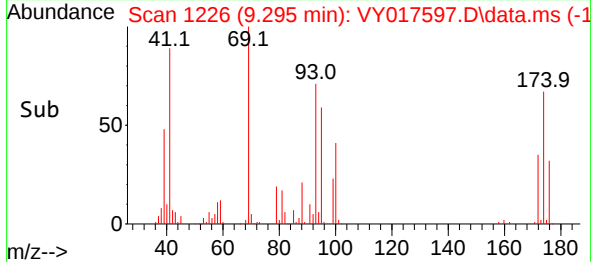
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 10404
Ion Ratio Lower Upper
88 100
43 25.5 0.0 0.0
58 58.1 49.3 73.9

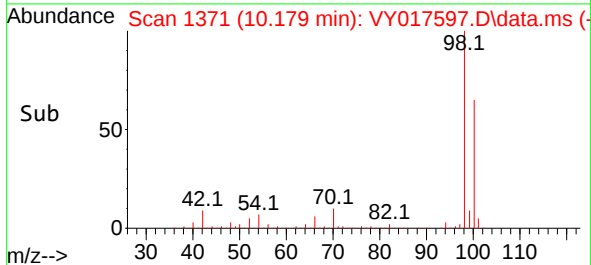
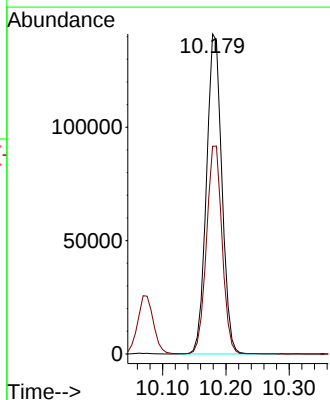
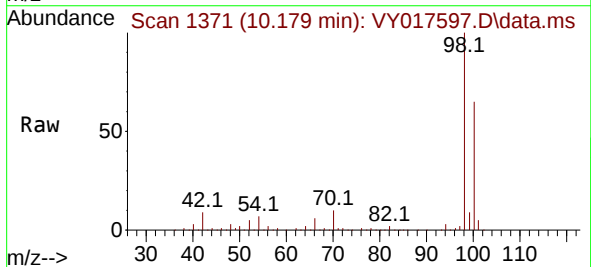
Manual Integrations
APPROVED

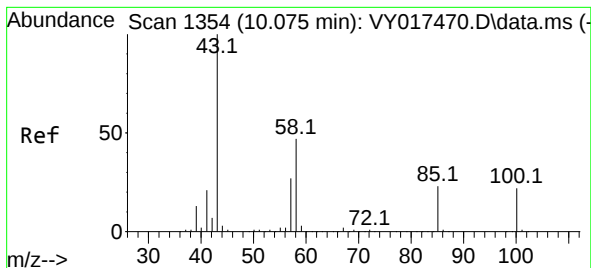
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#50
Toluene-d8
Concen: 52.468 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 98 Resp: 239418
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0





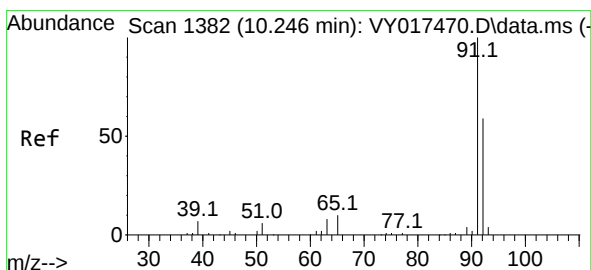
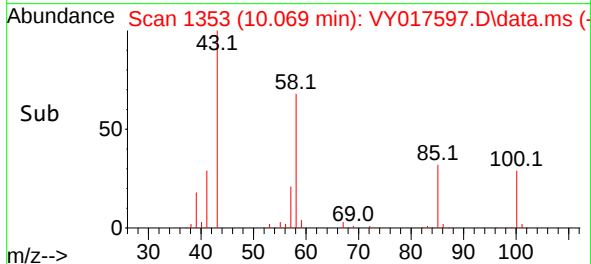
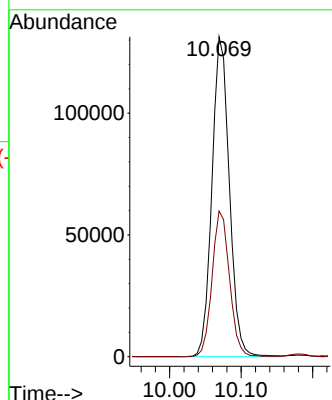
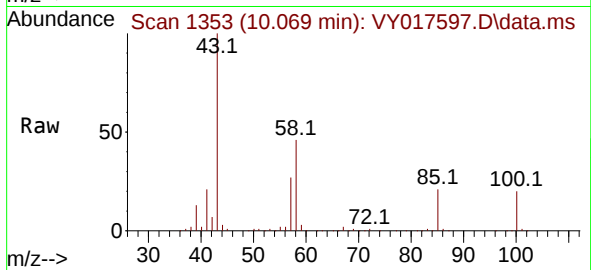
#51
4-Methyl-2-Pentanone
Concen: 325.750 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 221880
Ion Ratio Lower Upper
43 100
58 45.7 35.7 53.5

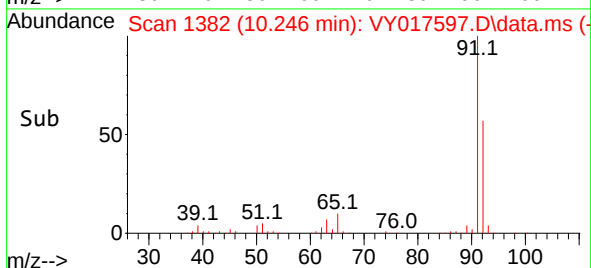
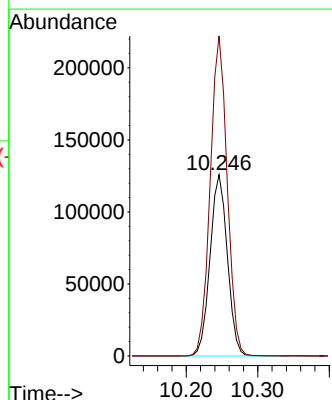
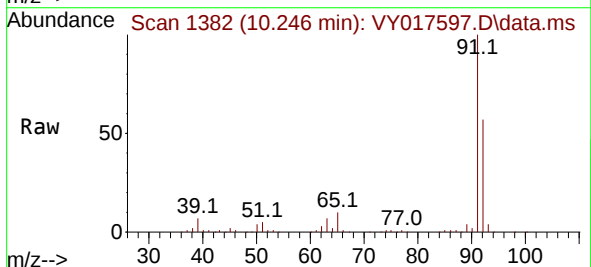
Manual Integrations
APPROVED

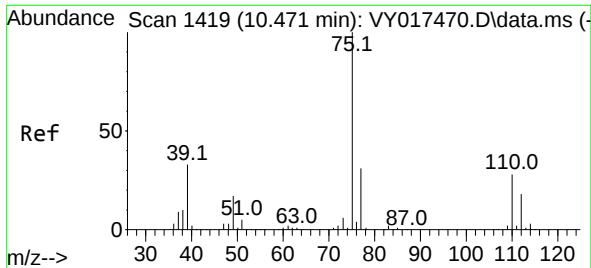
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#52
Toluene
Concen: 64.097 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 92 Resp: 211306
Ion Ratio Lower Upper
92 100
91 173.4 139.0 208.6





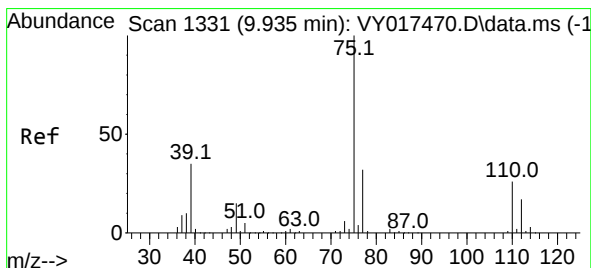
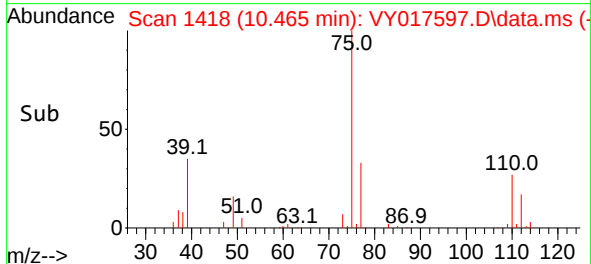
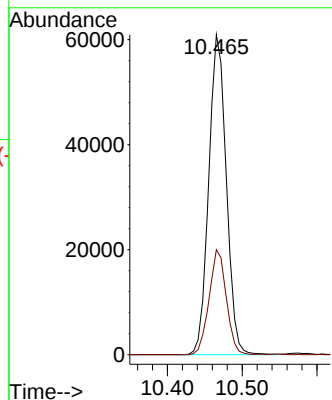
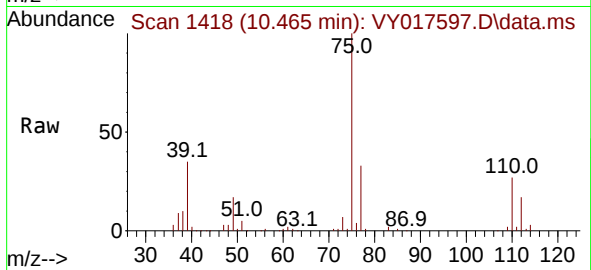
#53
 t-1,3-Dichloropropene
 Concen: 62.078 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017597.D
 Acq: 06 Mar 2024 19:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 99615
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.1 36.1

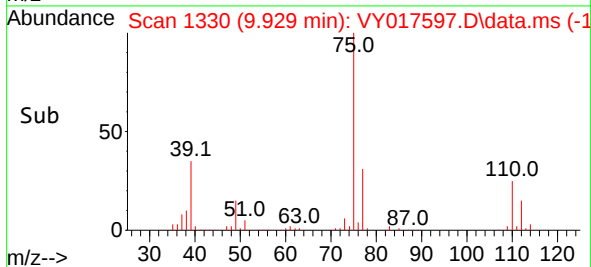
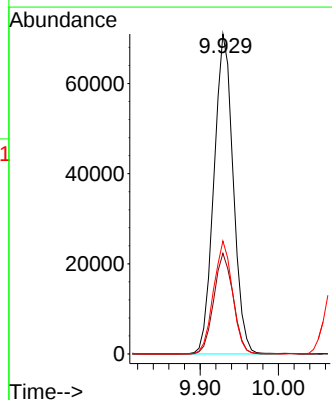
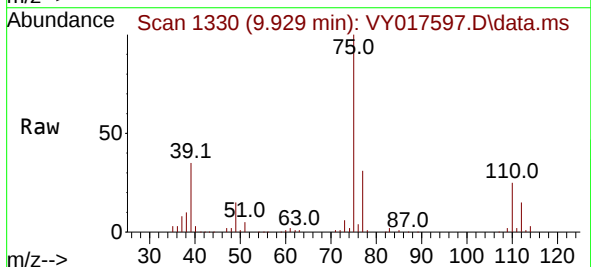
Manual Integrations
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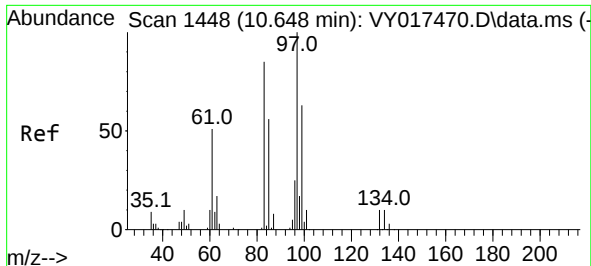
Reviewed By :John Carlone 03/07/2024
 Supervised By :Mahesh Dadoda 03/07/2024



#54
 cis-1,3-Dichloropropene
 Concen: 62.264 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017597.D
 Acq: 06 Mar 2024 19:00

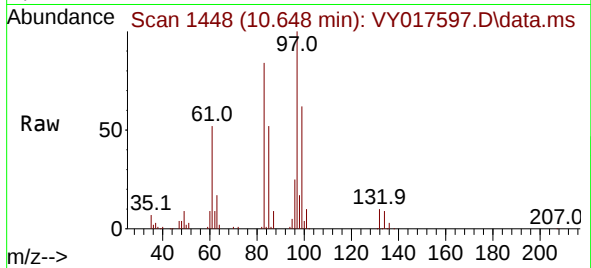
Tgt Ion: 75 Resp: 121403
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 35.3 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 63.239 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

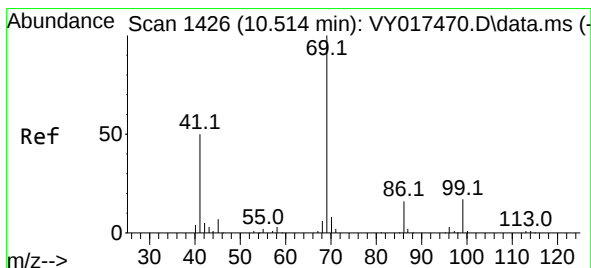
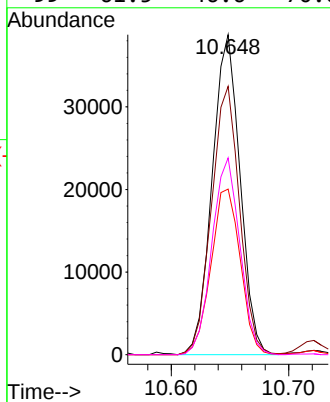
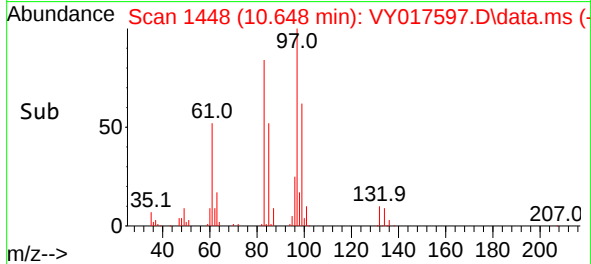
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



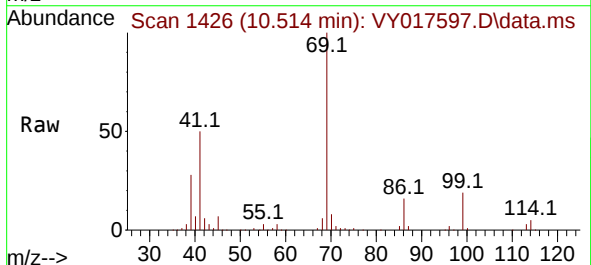
Tgt Ion: 97 Resp: 63933
Ion Ratio Lower Upper
97 100
83 83.9 67.5 101.3
85 51.8 42.9 64.3
99 61.5 46.6 70.0

Manual Integrations
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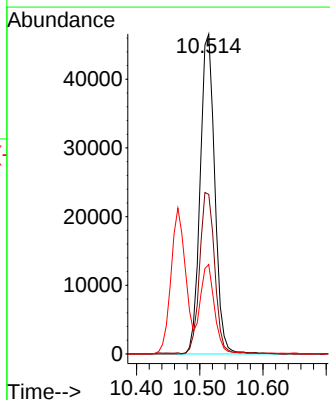
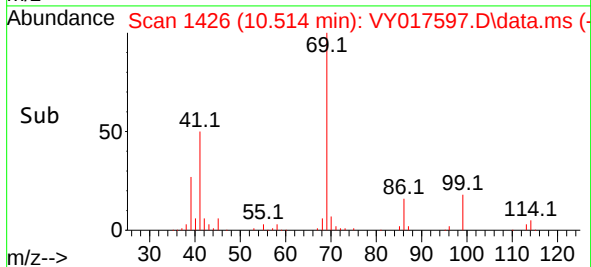
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

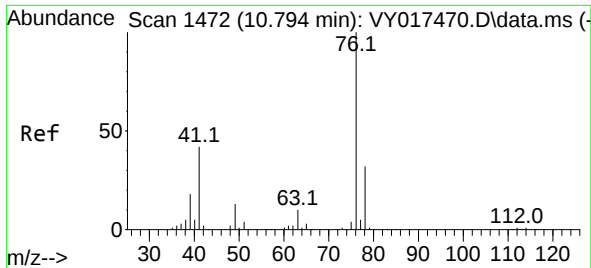


#56
Ethyl methacrylate
Concen: 59.797 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00



Tgt Ion: 69 Resp: 75019
Ion Ratio Lower Upper
69 100
41 52.7 42.3 63.5
39 27.4 22.9 34.3





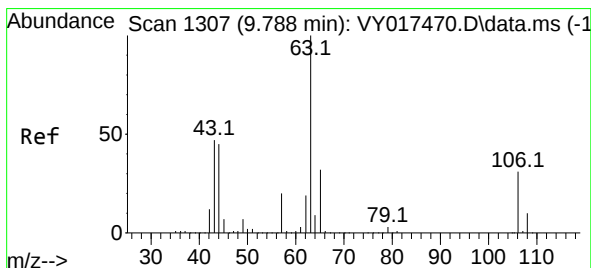
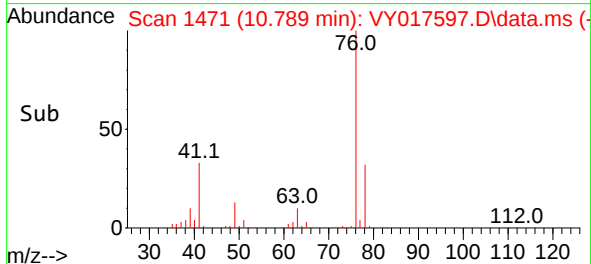
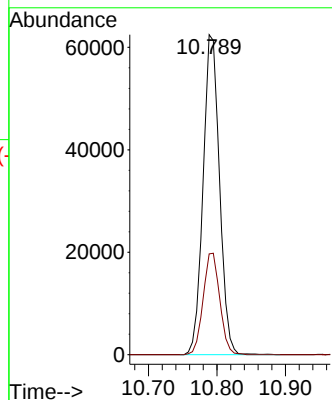
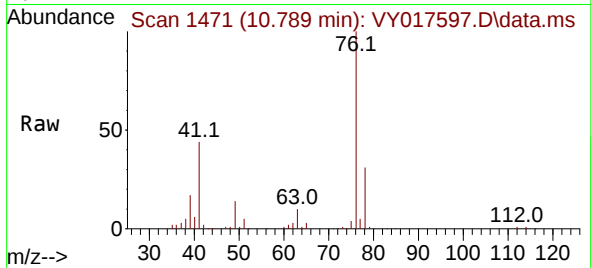
#57
1,3-Dichloropropane
Concen: 63.468 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 104320
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4

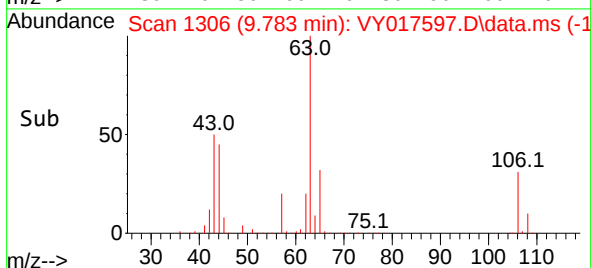
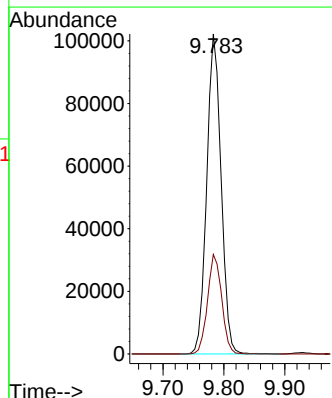
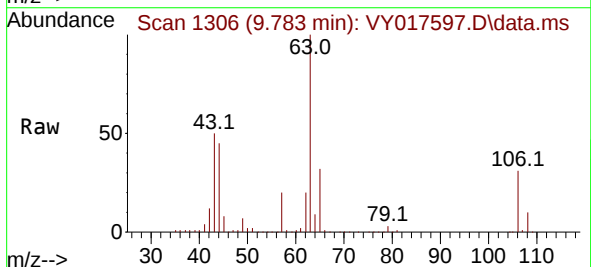
Manual Integrations
APPROVED

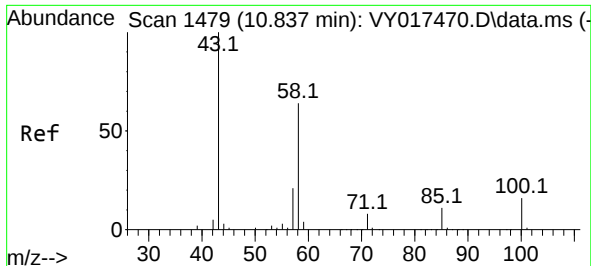
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 286.558 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

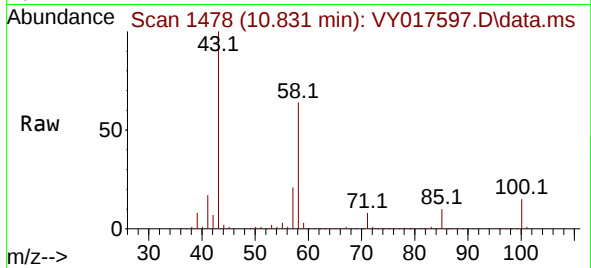
Tgt Ion: 63 Resp: 167167
Ion Ratio Lower Upper
63 100
106 30.7 23.7 35.5





#59
2-Hexanone
Concen: 323.271 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

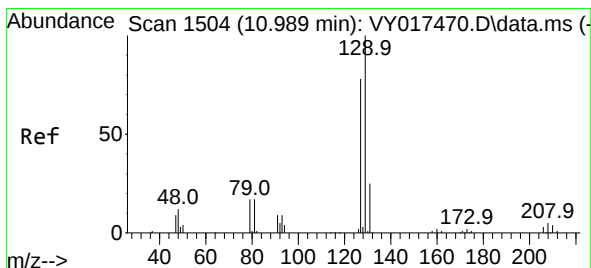
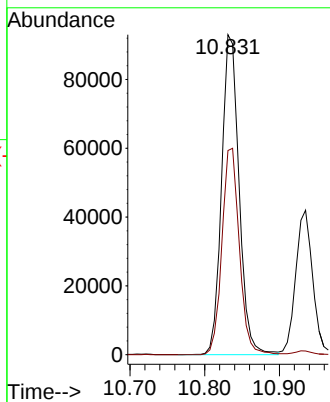
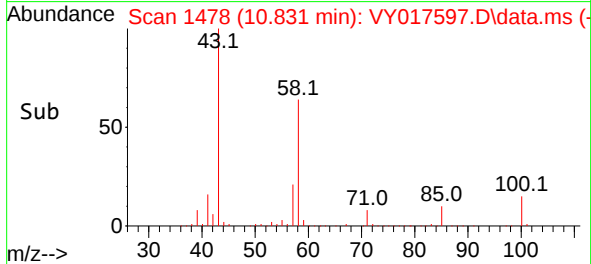
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 151249
Ion Ratio Lower Upper
43 100
58 64.2 31.4 94.0

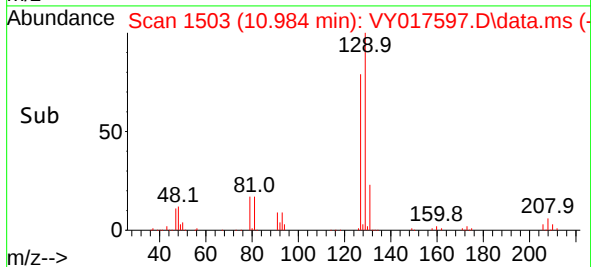
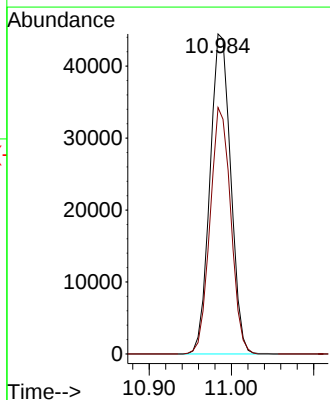
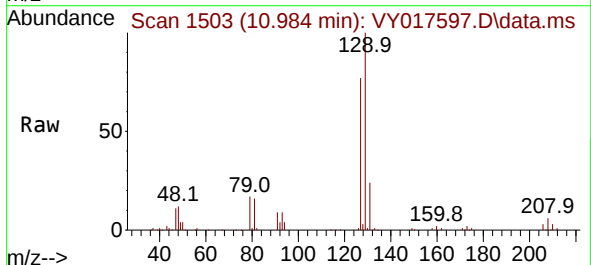
Manual Integrations
APPROVED

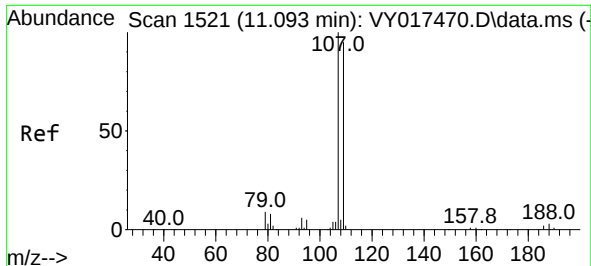
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#60
Dibromochloromethane
Concen: 65.159 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

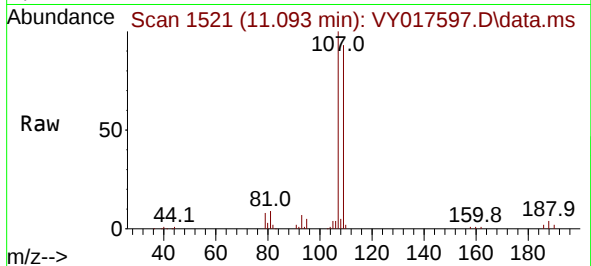
Tgt Ion:129 Resp: 77927
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 64.598 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

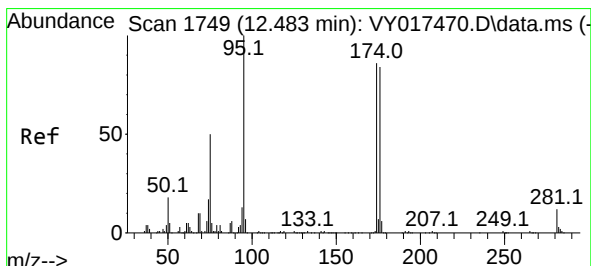
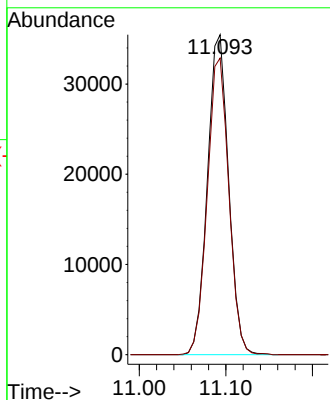
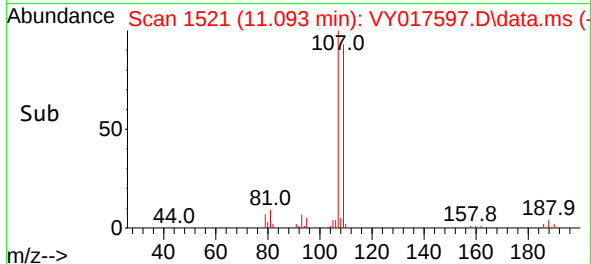
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



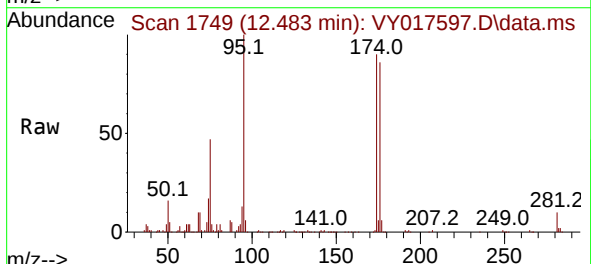
Tgt Ion:107 Resp: 6018
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9

Manual Integrations
APPROVED

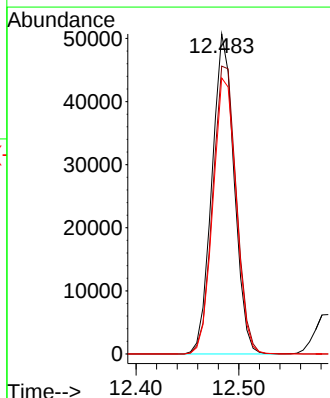
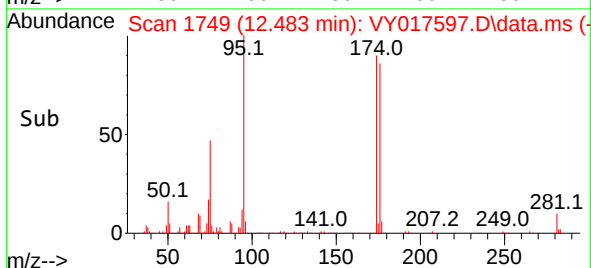
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

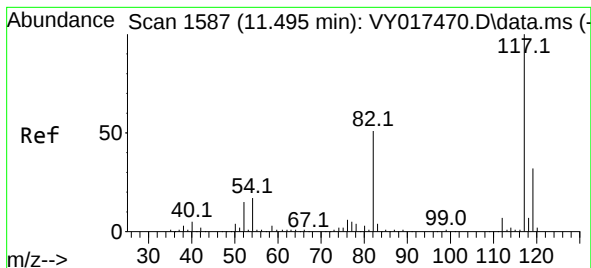


#62
4-Bromofluorobenzene
Concen: 52.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00



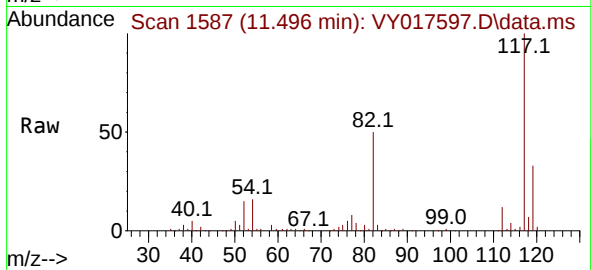
Tgt Ion: 95 Resp: 75916
Ion Ratio Lower Upper
95 100
174 95.8 0.0 175.6
176 90.4 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

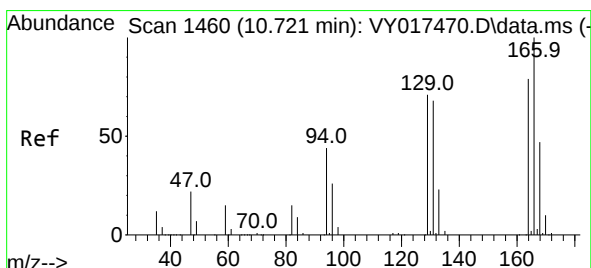
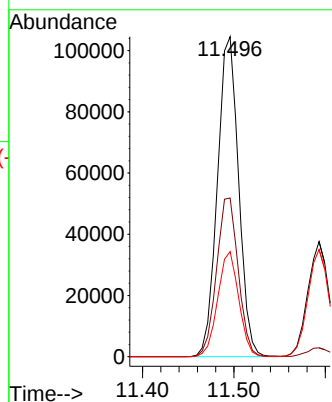
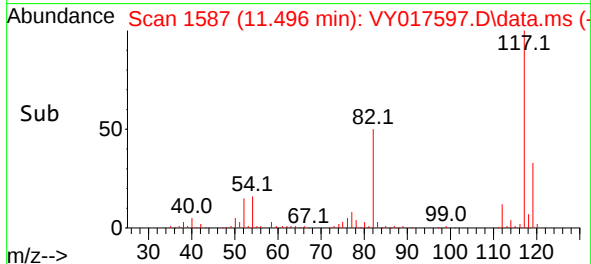
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 168574
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 32.9 25.9 38.9

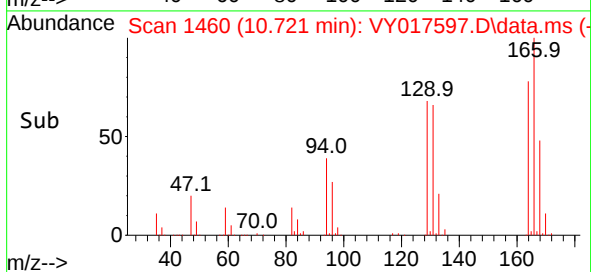
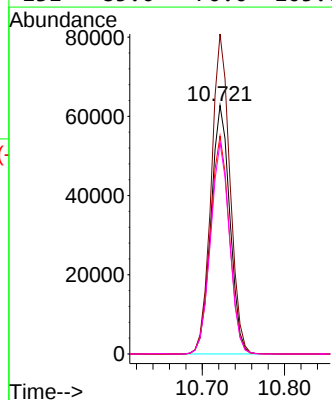
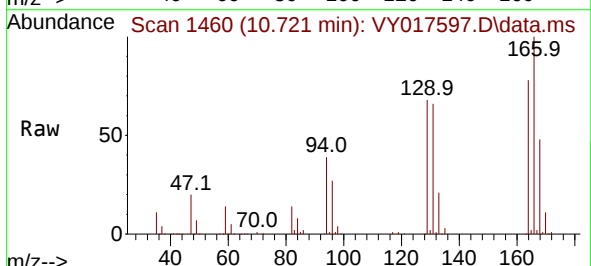
Manual Integrations
APPROVED

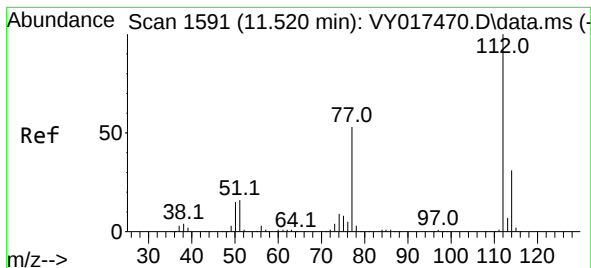
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#64
Tetrachloroethene
Concen: 62.213 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

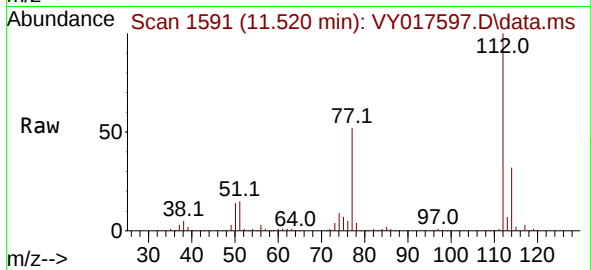
Tgt Ion:164 Resp: 100661
Ion Ratio Lower Upper
164 100
166 128.8 102.6 154.0
129 87.7 72.0 108.0
131 85.0 70.0 105.0





#65
Chlorobenzene
Concen: 63.368 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

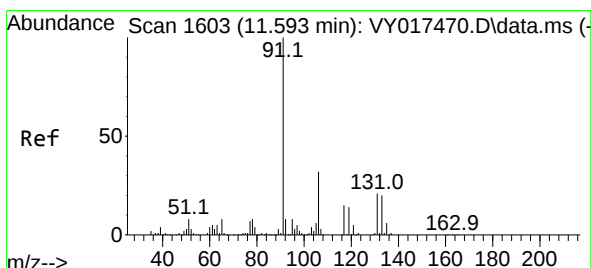
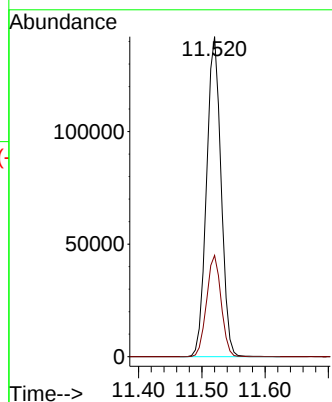
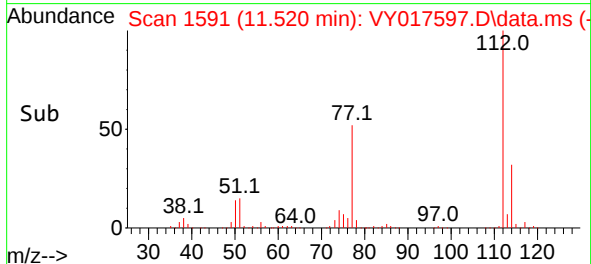
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



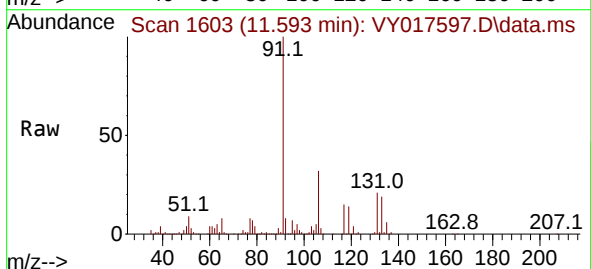
Tgt Ion:112 Resp: 22673
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6

Manual Integrations
APPROVED

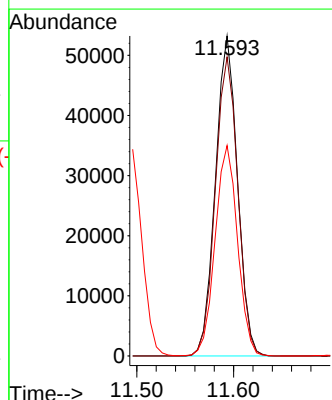
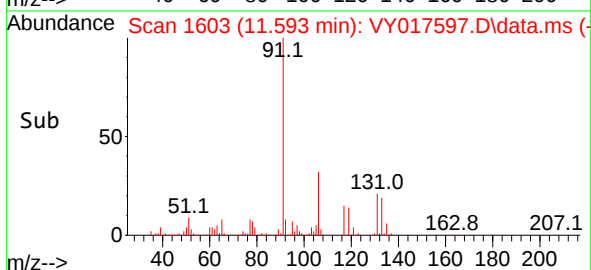
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024

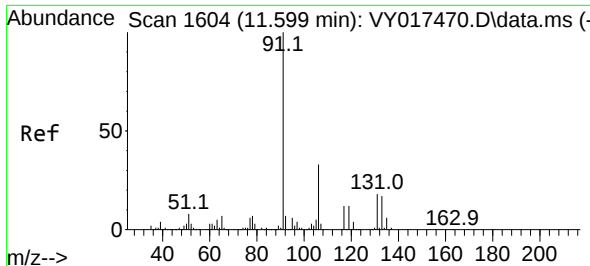


#66
1,1,1,2-Tetrachloroethane
Concen: 62.899 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00



Tgt Ion:131 Resp: 84314
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 63.533 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 39867

Ion Ratio Lower Upper

91 100

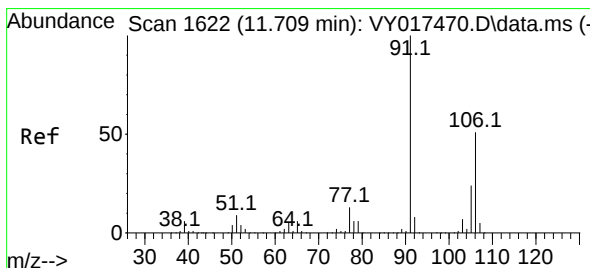
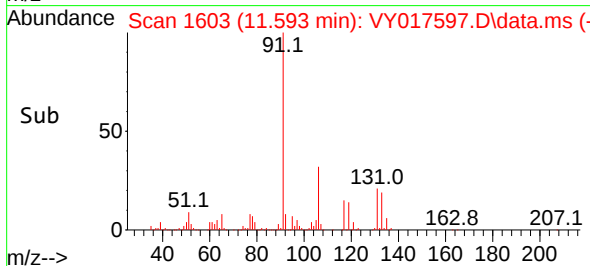
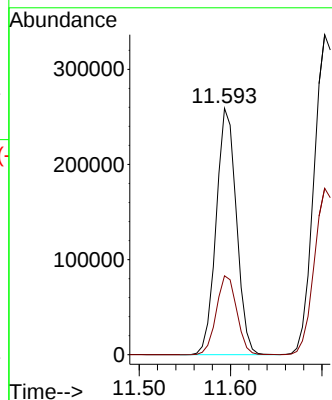
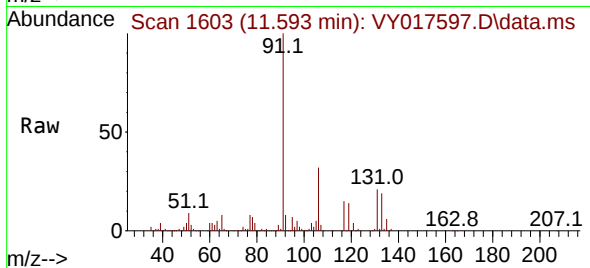
106 32.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#68

m/p-Xylenes

Concen: 129.388 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017597.D

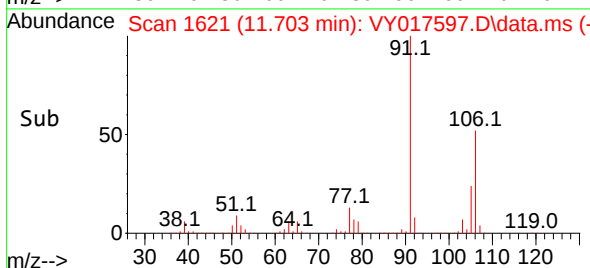
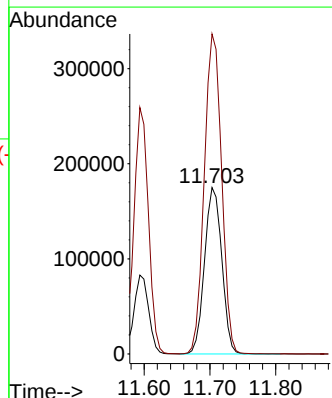
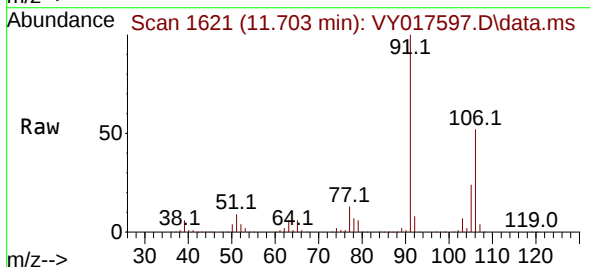
Acq: 06 Mar 2024 19:00

Tgt Ion:106 Resp: 319038

Ion Ratio Lower Upper

106 100

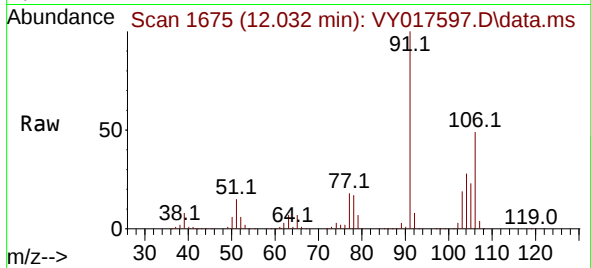
91 193.1 156.0 234.0





#69
o-Xylene
Concen: 64.968 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

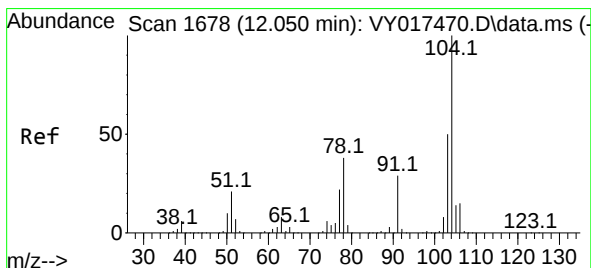
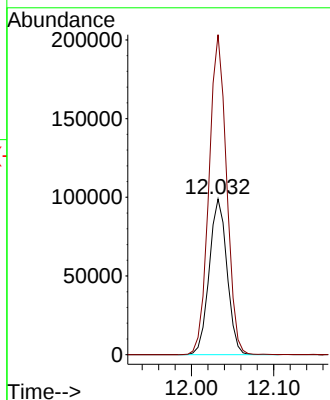
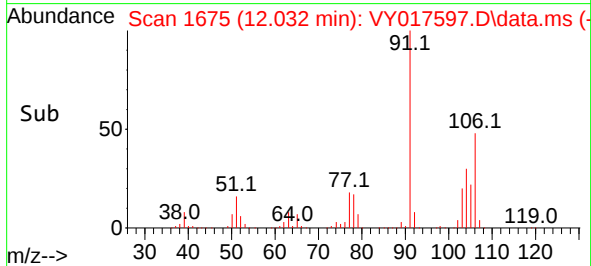
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 148619
Ion Ratio Lower Upper
106 100
91 203.7 103.6 310.8

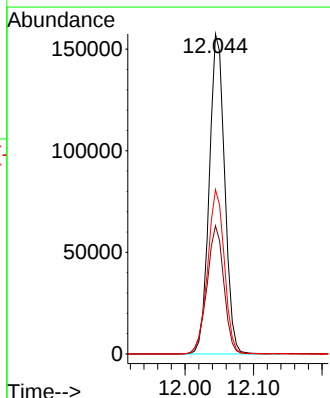
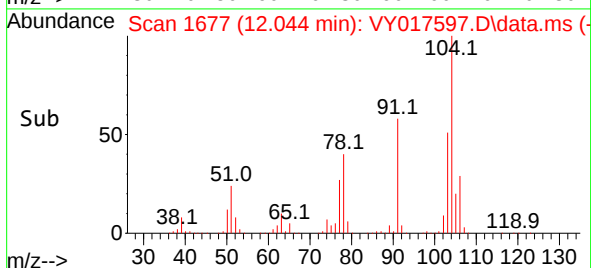
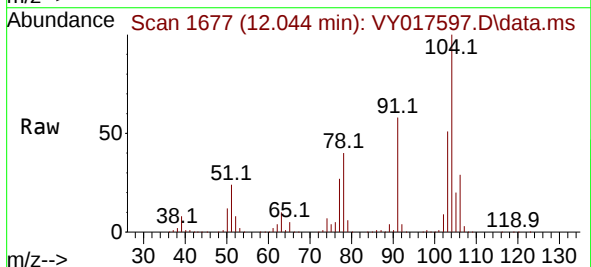
Manual Integrations
APPROVED

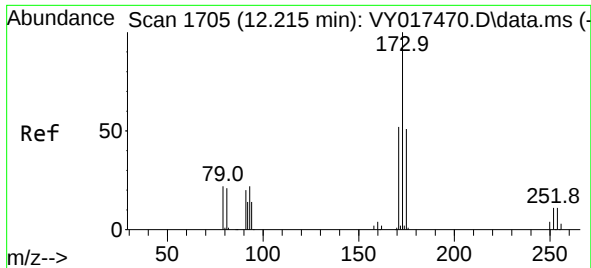
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#70
Styrene
Concen: 65.152 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

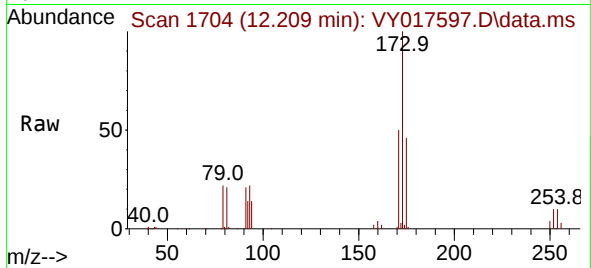
Tgt Ion:104 Resp: 247392
Ion Ratio Lower Upper
104 100
78 43.8 37.0 55.4
103 55.6 44.2 66.2





#71
Bromoform
Concen: 65.298 ug/l
RT: 12.209 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

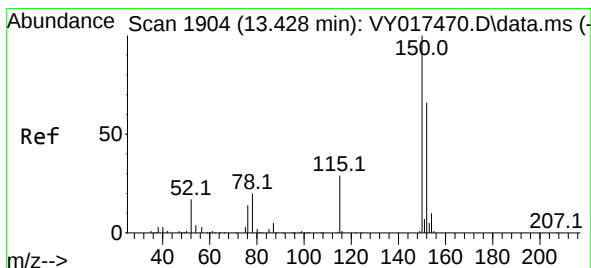
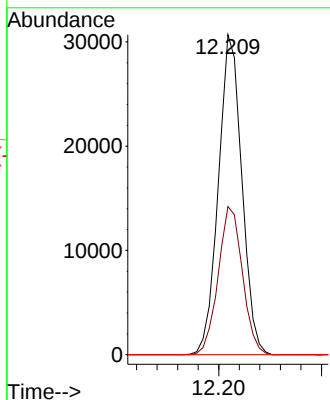
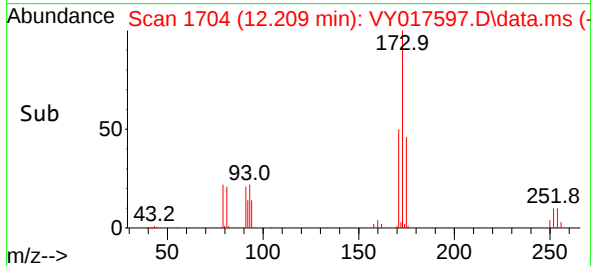
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 48500
Ion Ratio Lower Upper
173 100
175 47.9 25.1 75.3
254 0.0 0.0 0.0

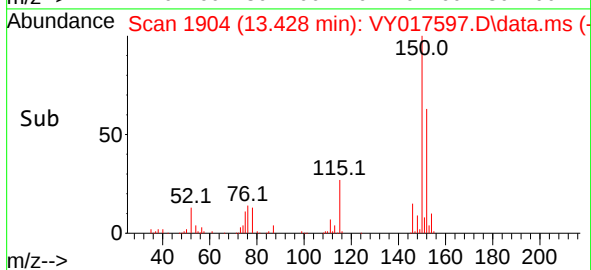
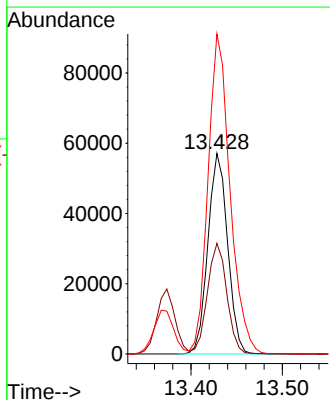
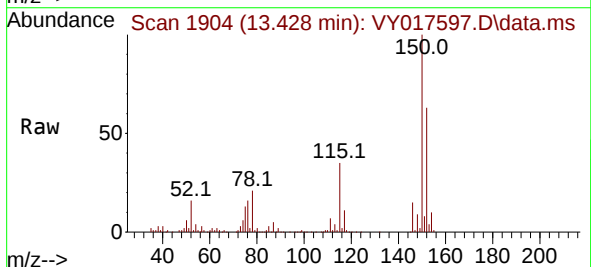
Manual Integrations
APPROVED

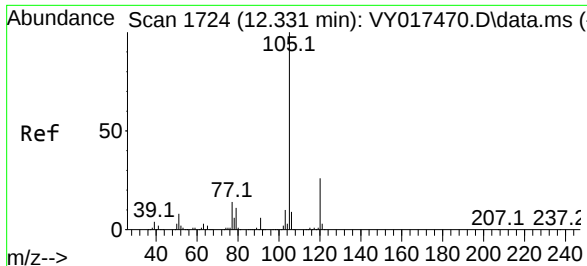
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

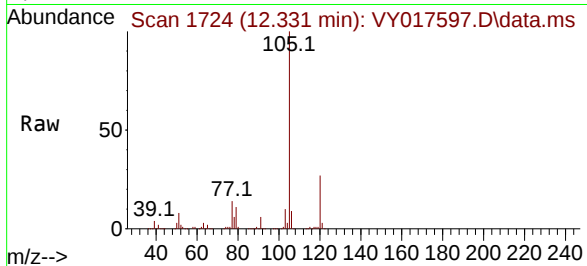
Tgt Ion:152 Resp: 85729
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 177.8 0.0 345.6





#73
Isopropylbenzene
Concen: 60.347 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

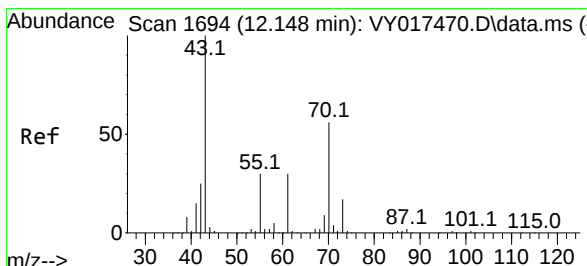
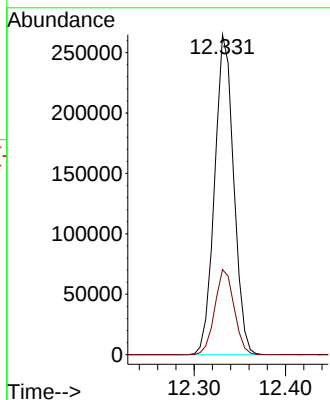
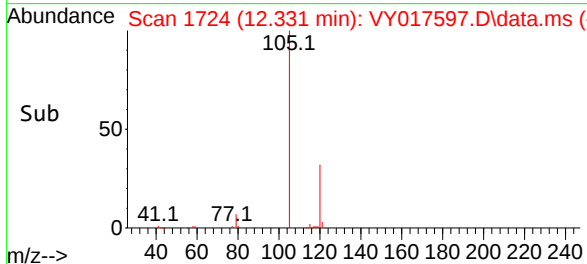
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



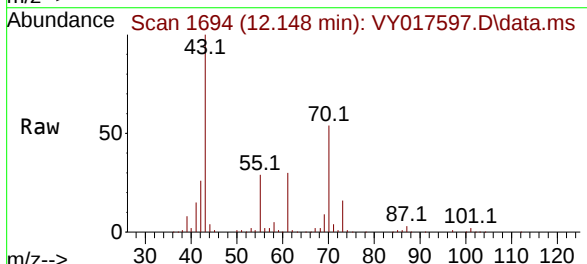
Tgt Ion: 105 Resp: 384350
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1

Manual Integrations
APPROVED

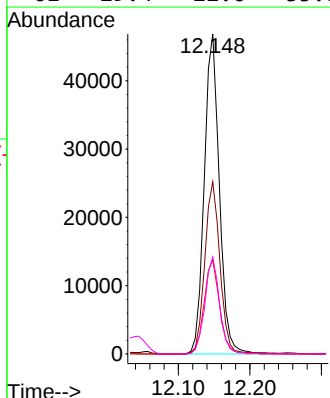
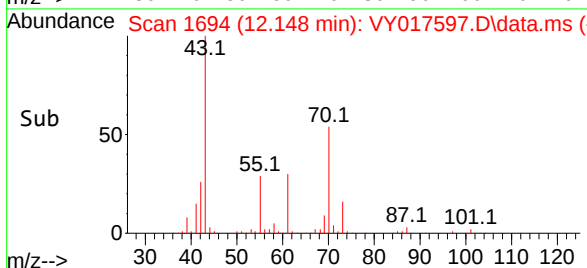
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#74
N-ethyl acetate
Concen: 61.224 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00



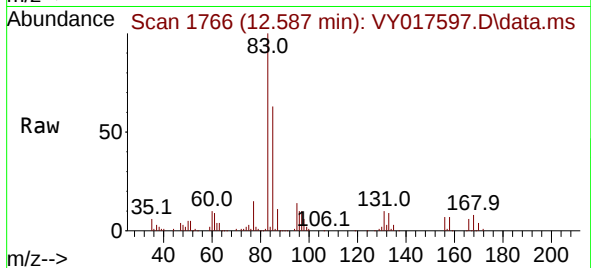
Tgt Ion: 43 Resp: 68775
Ion Ratio Lower Upper
43 100
70 54.3 41.4 62.2
55 30.0 23.3 34.9
61 29.4 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 62.530 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

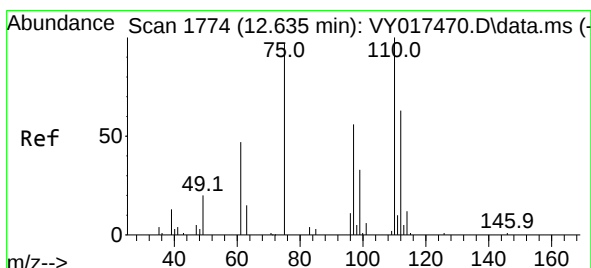
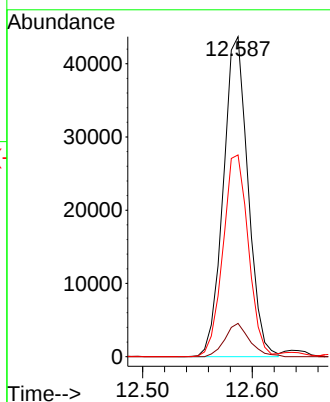
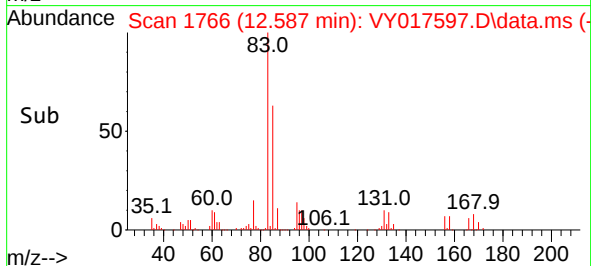
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 68390
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 64.9 32.0 96.0

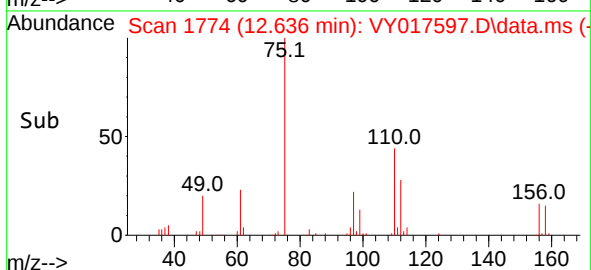
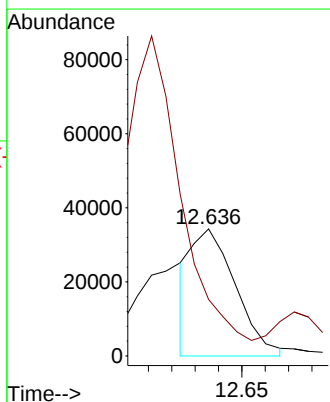
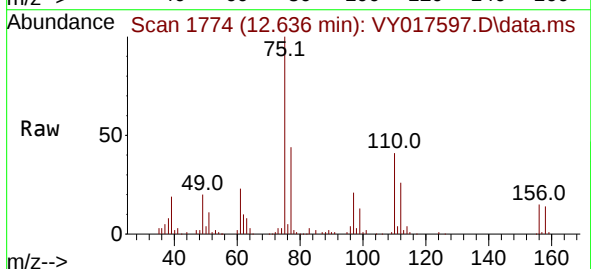
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#76
1,2,3-Trichloropropane
Concen: 55.840 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 75 Resp: 45485
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 60.063 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 9264

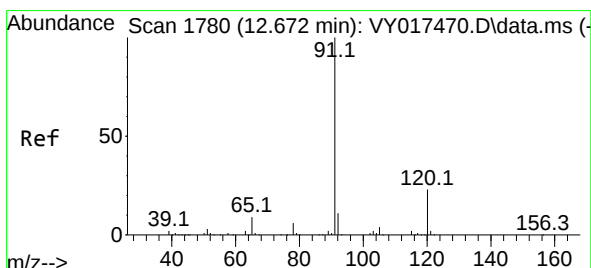
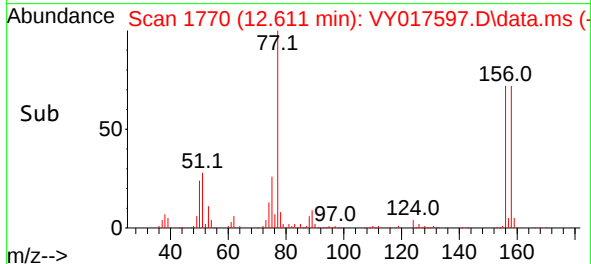
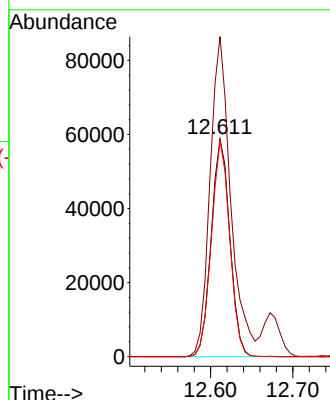
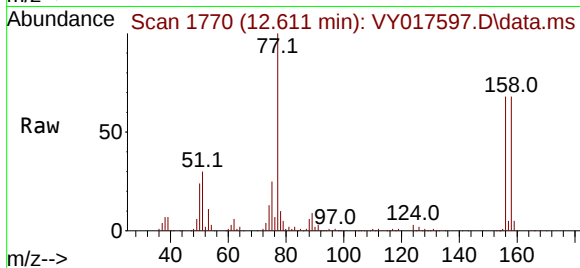
Ion	Ratio	Lower	Upper
156	100		
77	162.9	87.1	261.3
158	97.4	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#78

n-propylbenzene

Concen: 60.639 ug/l

RT: 12.672 min Scan# 1780

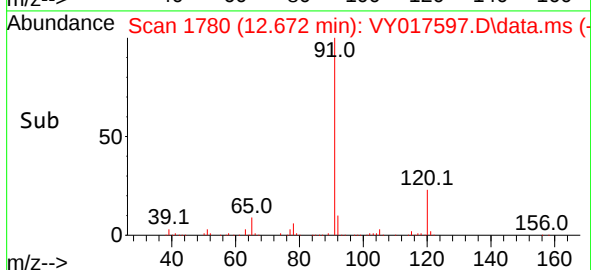
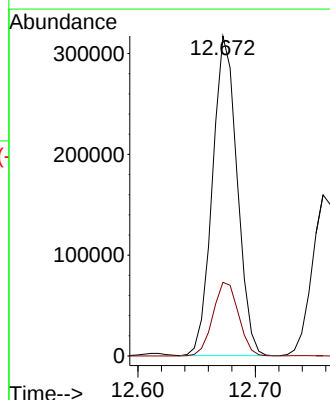
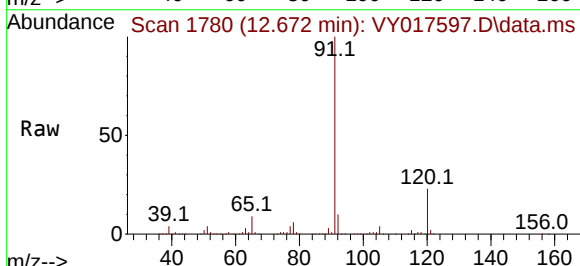
Delta R.T. 0.000 min

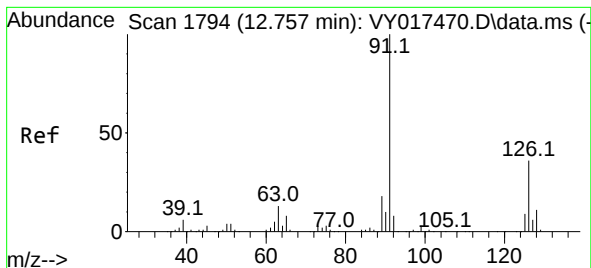
Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Tgt Ion: 91 Resp: 463417

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.5	34.4





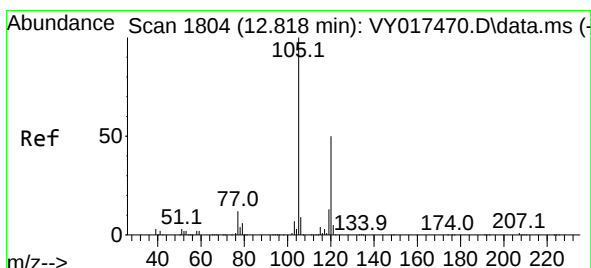
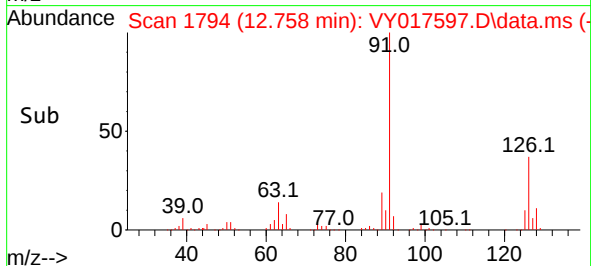
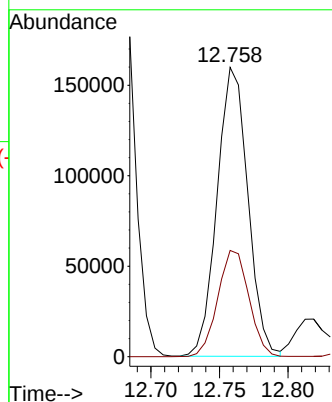
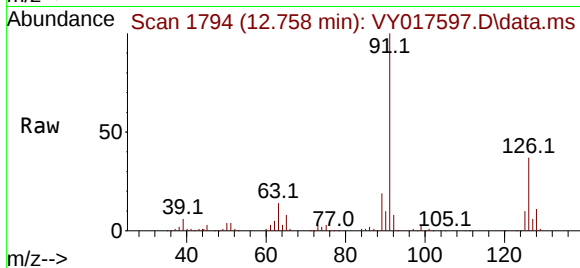
#79
2-Chlorotoluene
Concen: 58.498 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 250299
Ion Ratio Lower Upper
91 100
126 37.2 17.8 53.5

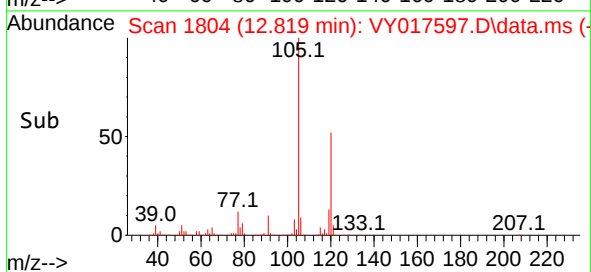
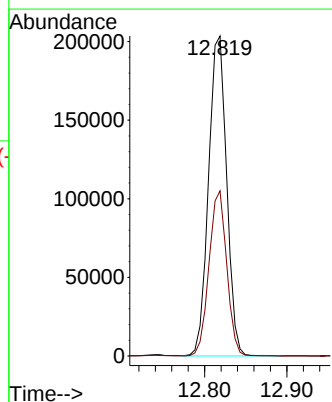
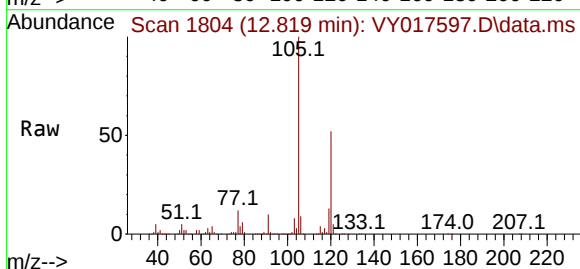
Manual Integrations
APPROVED

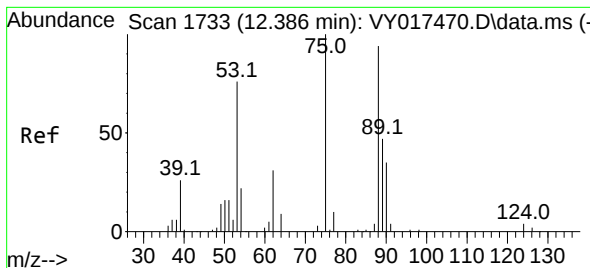
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 60.919 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion:105 Resp: 310850
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2





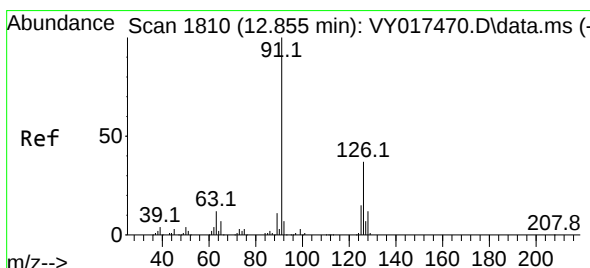
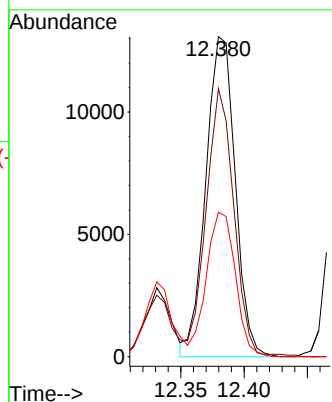
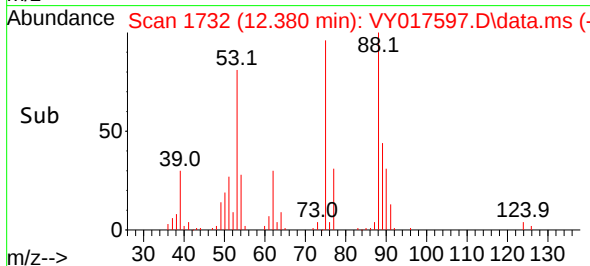
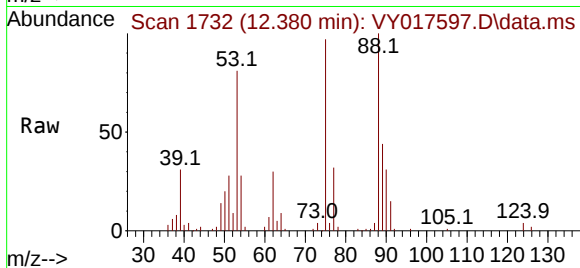
#81
trans-1,4-Dichloro-2-butene
Concen: 59.769 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2118
Ion Ratio Lower Upper
75 100
53 78.4 66.8 100.2
89 44.4 35.8 53.6

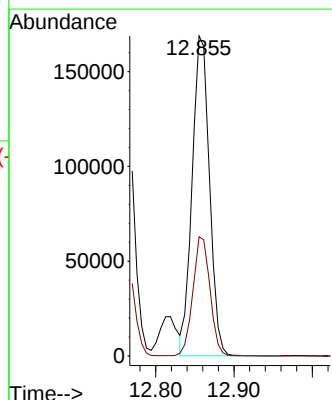
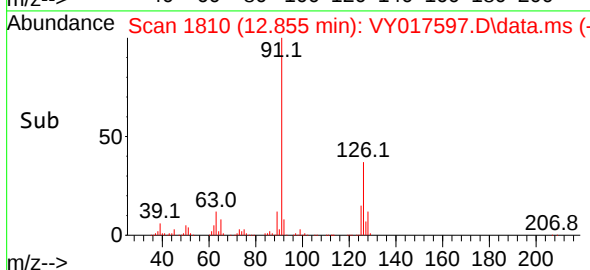
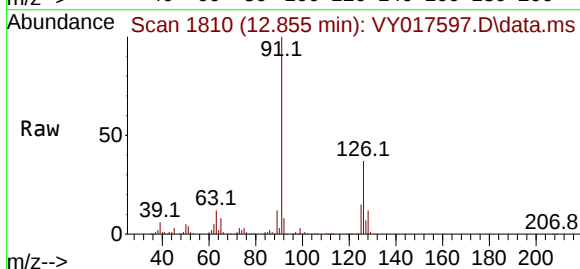
Manual Integrations
APPROVED

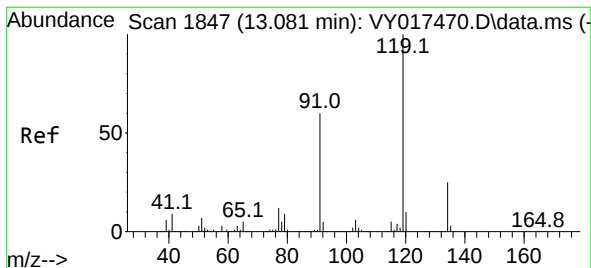
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#82
4-Chlorotoluene
Concen: 59.266 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 91 Resp: 259371
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





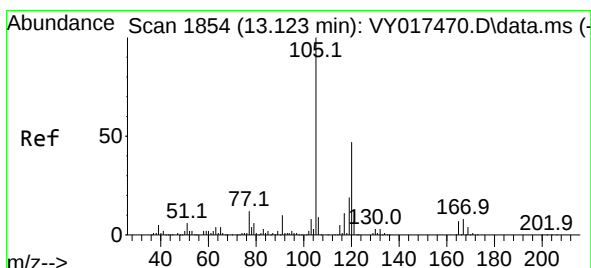
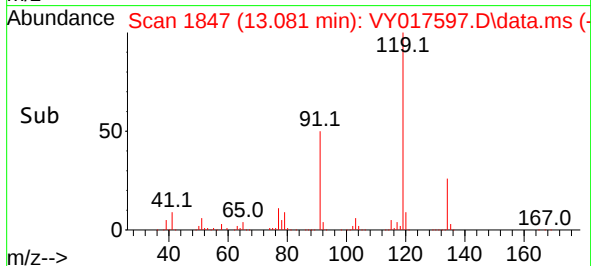
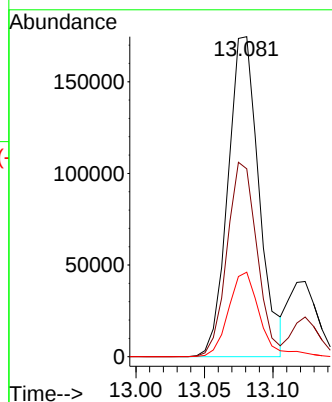
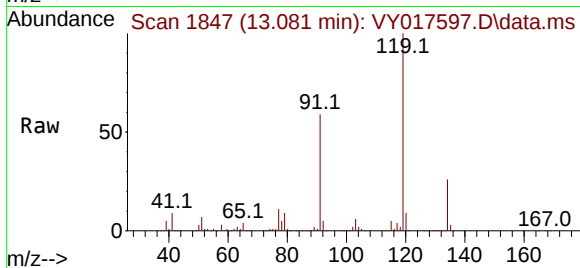
#83
tert-Butylbenzene
Concen: 61.505 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 275592
Ion Ratio Lower Upper
119 100
91 58.7 31.3 93.8
134 26.7 13.4 40.1

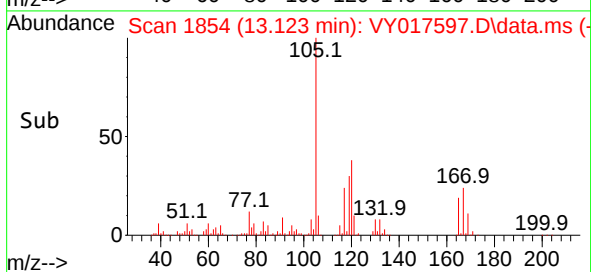
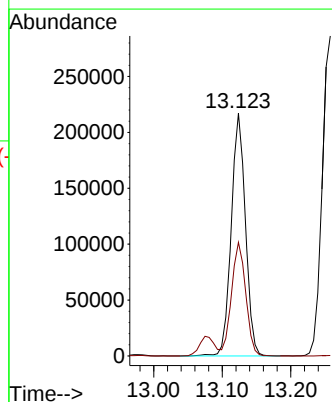
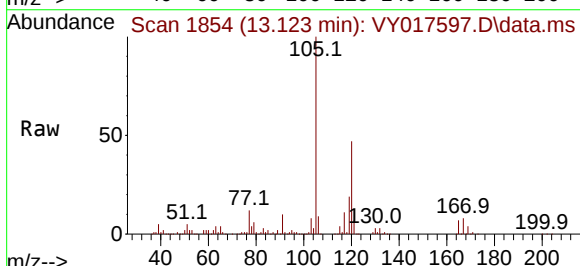
Manual Integrations
APPROVED

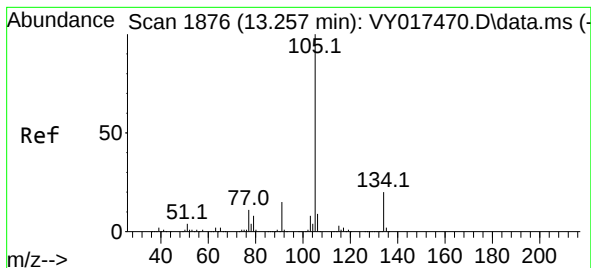
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#84
1,2,4-Trimethylbenzene
Concen: 62.079 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion:105 Resp: 312728
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 60.645 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 41545

Ion Ratio Lower Upper

105 100

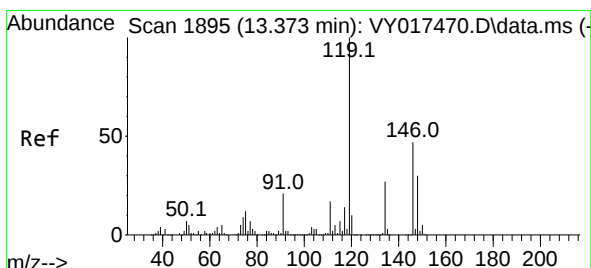
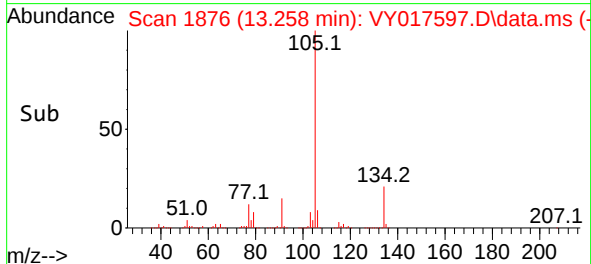
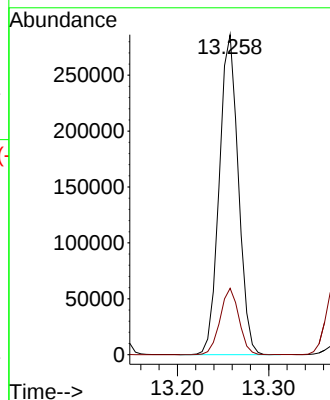
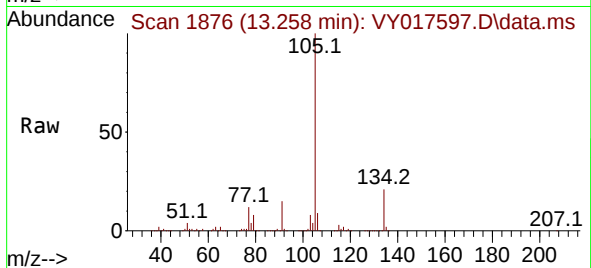
134 20.5 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#86

p-Isopropyltoluene

Concen: 61.939 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

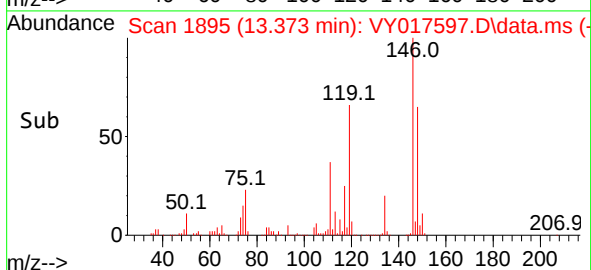
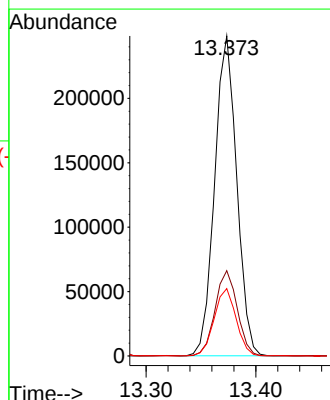
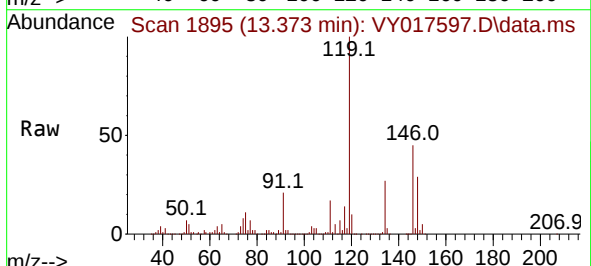
Tgt Ion:119 Resp: 347351

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 20.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 59.719 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 18488

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

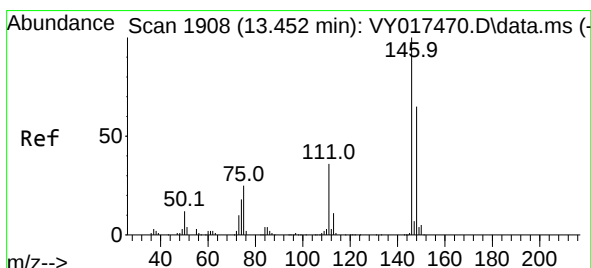
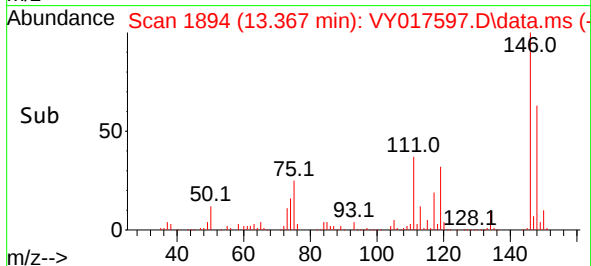
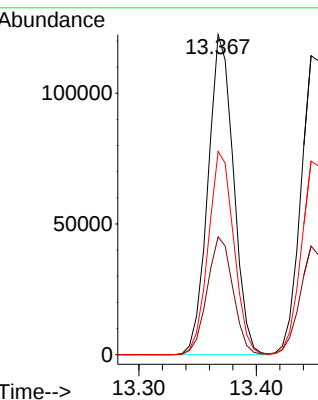
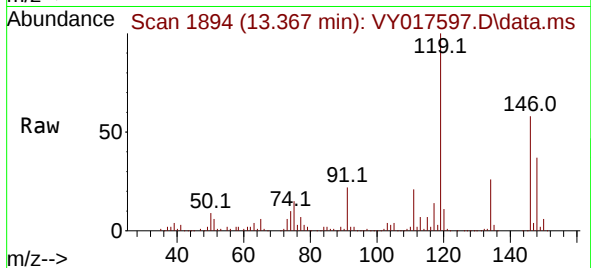
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#88

1,4-Dichlorobenzene

Concen: 59.523 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

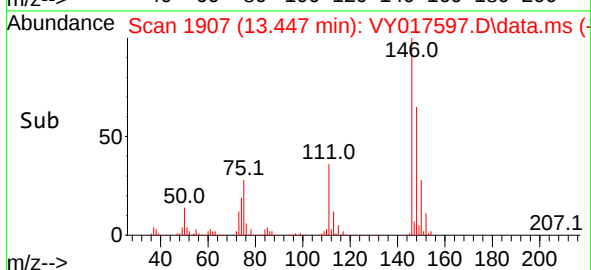
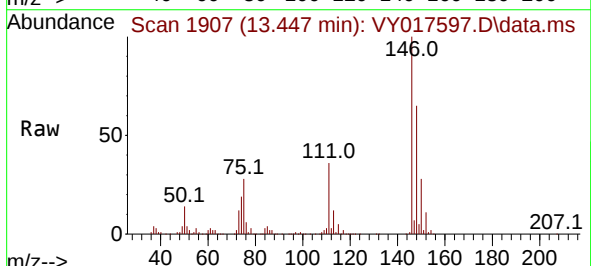
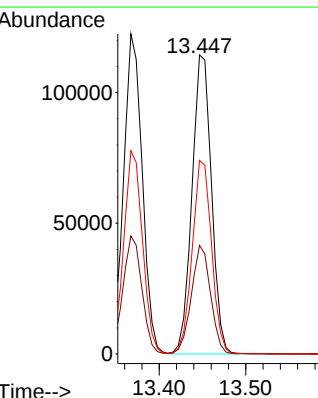
Tgt Ion:146 Resp: 179158

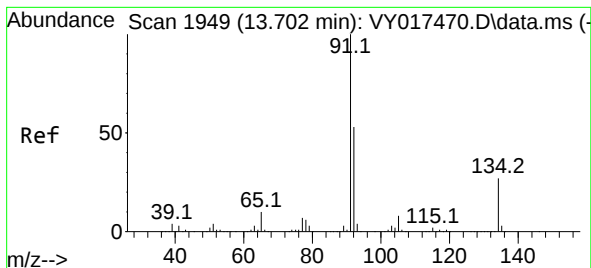
Ion Ratio Lower Upper

146 100

111 35.6 18.4 55.4

148 64.2 32.4 97.2





#89

n-Butylbenzene

Concen: 60.381 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

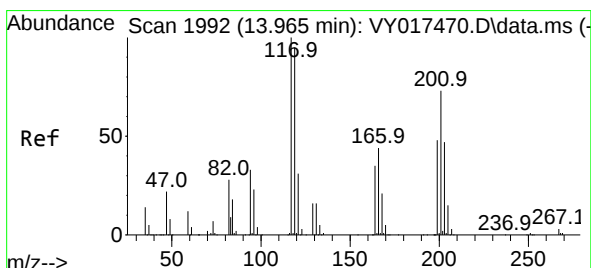
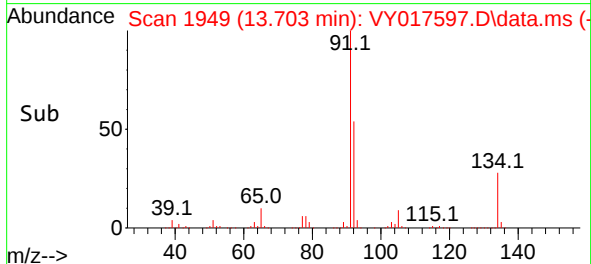
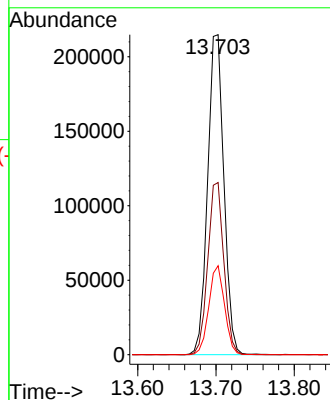
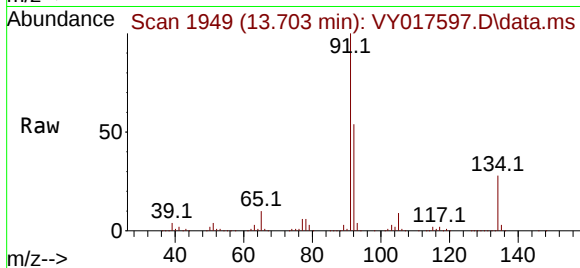
Tgt Ion: 91 Resp: 308939
 Ion Ratio Lower Upper
 91 100
 92 53.1 26.6 79.7
 134 26.9 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#90

Hexachloroethane

Concen: 59.532 ug/l

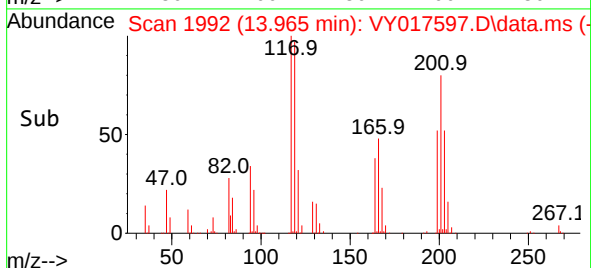
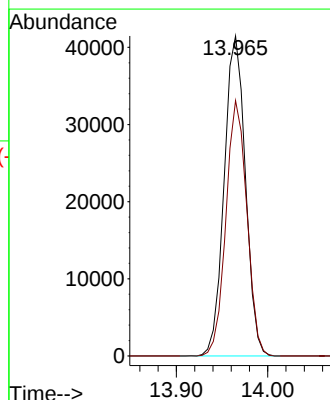
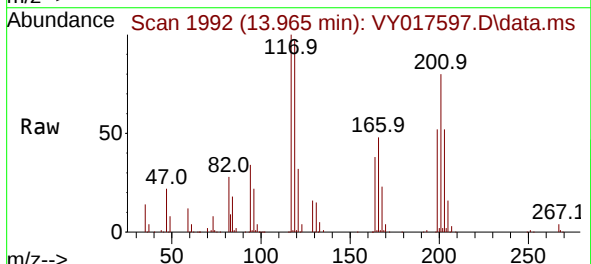
RT: 13.965 min Scan# 1992

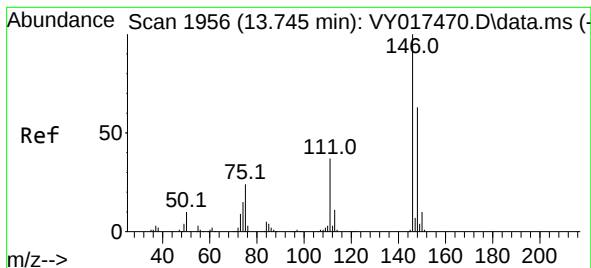
Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Tgt Ion:117 Resp: 66931
 Ion Ratio Lower Upper
 117 100
 201 78.5 37.4 112.2





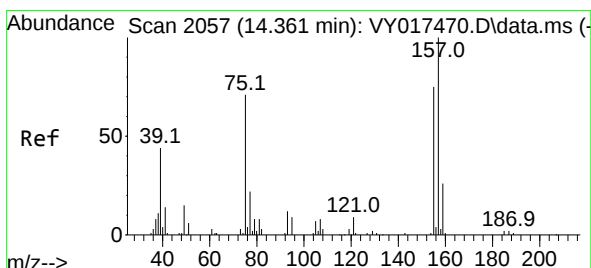
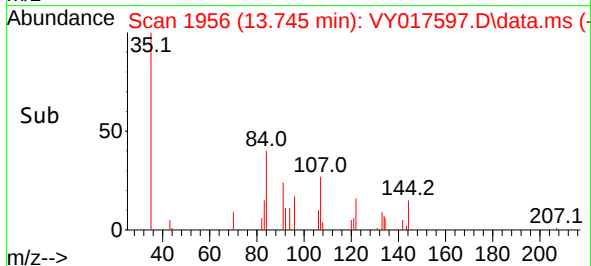
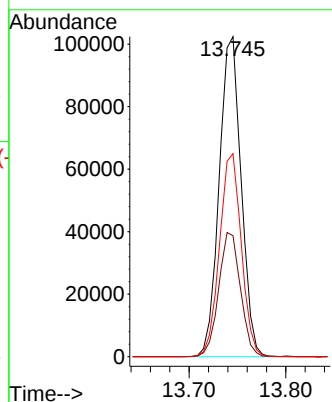
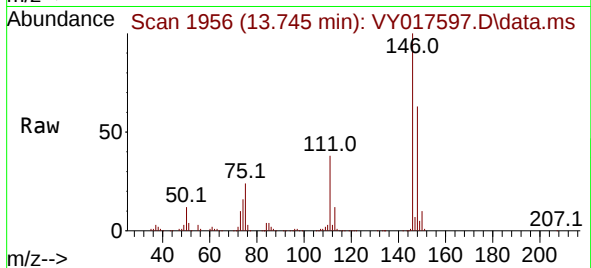
#91
1,2-Dichlorobenzene
Concen: 61.499 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 161049
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 63.1 31.8 95.4

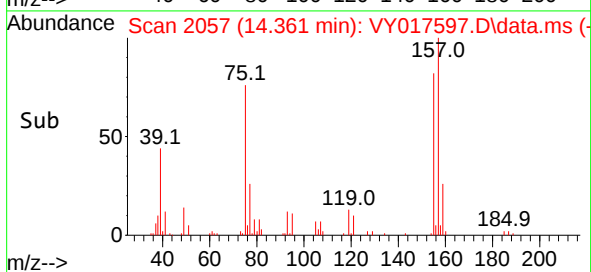
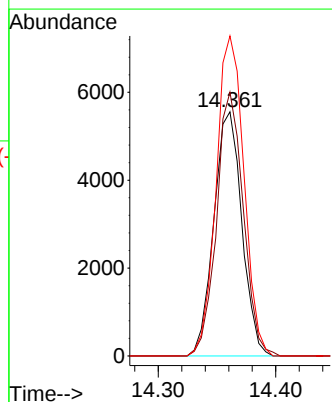
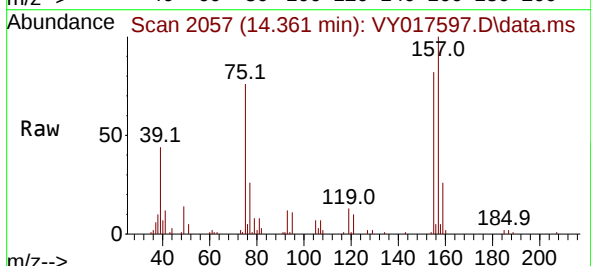
Manual Integrations
APPROVED

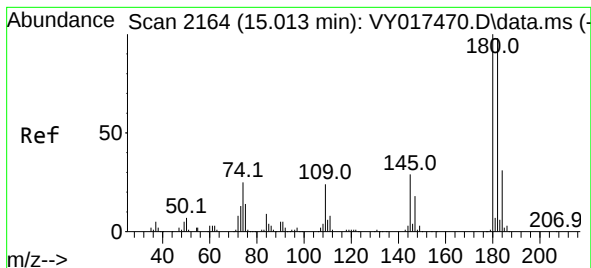
Reviewed By :John Carlone 03/07/2024
Supervised By :Mahesh Dadoda 03/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.783 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017597.D
Acq: 06 Mar 2024 19:00

Tgt Ion: 75 Resp: 9192
Ion Ratio Lower Upper
75 100
155 103.5 48.6 145.8
157 130.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 62.698 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

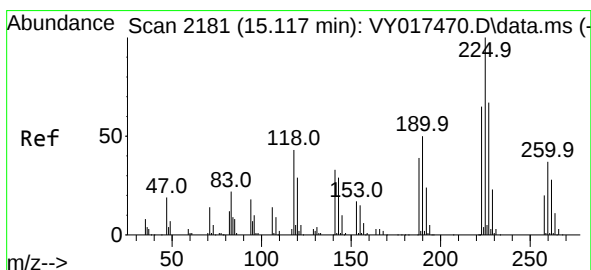
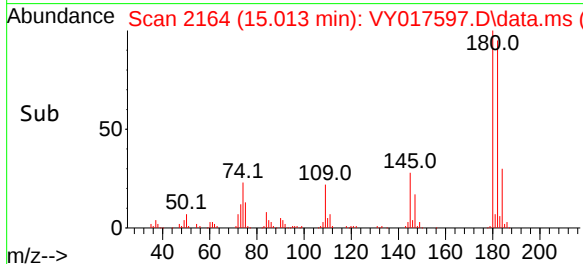
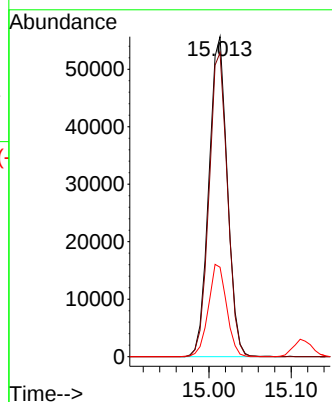
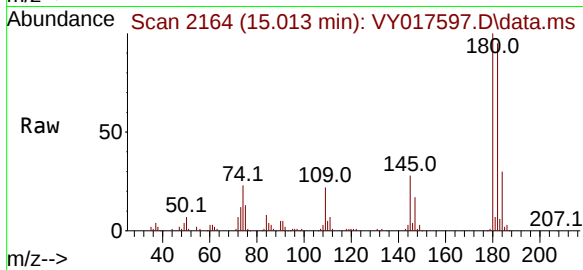
Tgt Ion:180	Resp:	86725
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.9 143.8
145	28.5	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#94

Hexachlorobutadiene

Concen: 60.660 ug/l

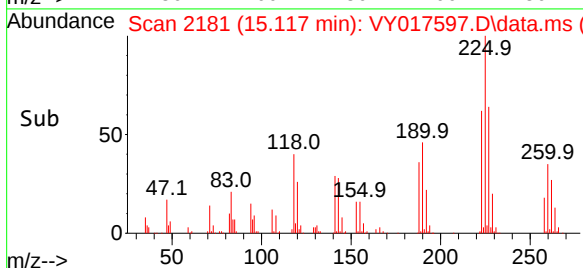
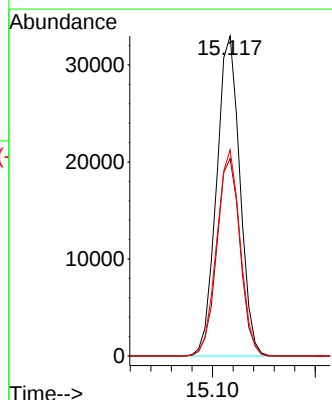
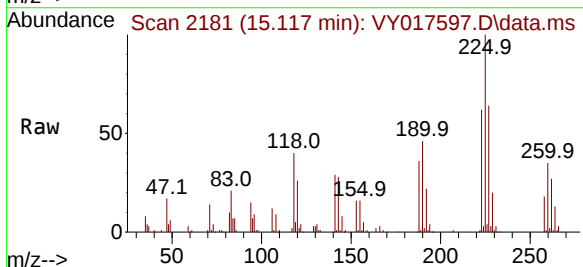
RT: 15.117 min Scan# 2181

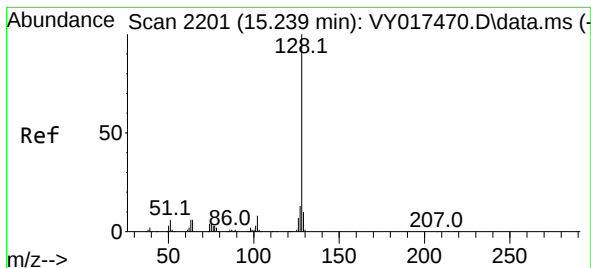
Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Tgt Ion:225	Resp:	51804
Ion Ratio	Lower	Upper
225	100	
223	61.7	30.4 91.2
227	64.7	31.9 95.9





#95

Naphthalene

Concen: 57.500 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 155820

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

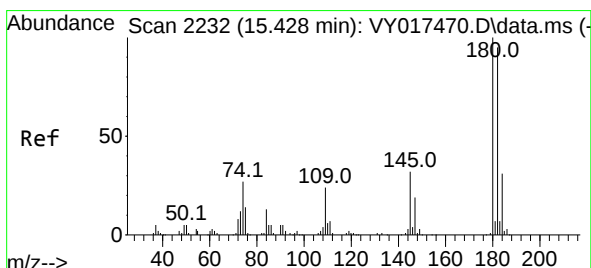
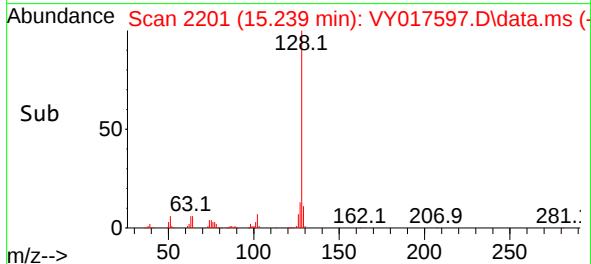
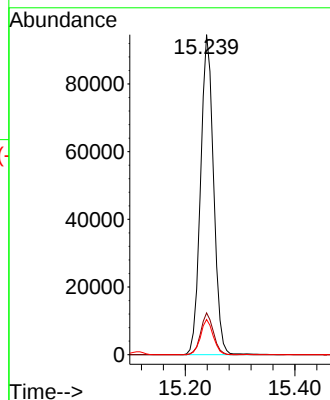
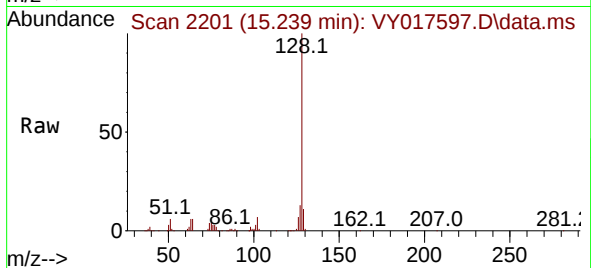
129 10.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2024

Supervised By :Mahesh Dadoda 03/07/2024



#96

1,2,3-Trichlorobenzene

Concen: 63.430 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017597.D

Acq: 06 Mar 2024 19:00

Tgt Ion:180 Resp: 75268

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 29.5 15.4 46.1

