

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051222\
 Data File : VY008736.D
 Acq On : 12 May 2022 16:13
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 13 01:38:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 01:36:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36711	20.283	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.560%#		
35) Dibromofluoromethane	7.716	113	37952	20.550	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.100%#		
50) Toluene-d8	10.179	98	128359	18.481	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	36.960%#		
62) 4-Bromofluorobenzene	12.477	95	46539	19.001	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	38.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35877	22.842	ug/l	98
3) Chloromethane	2.113	50	67173	32.078	ug/l	99
4) Vinyl Chloride	2.247	62	90158	32.127	ug/l	97
5) Bromomethane	2.637	94	87409	37.011	ug/l	95
6) Chloroethane	2.784	64	61117	32.716	ug/l	99
7) Trichlorofluoromethane	3.119	101	71363	21.623	ug/l	95
8) Diethyl Ether	3.527	74	21686	20.559	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	41373	20.391	ug/l	100
10) Methyl Iodide	4.082	142	36643	17.931	ug/l	99
11) Tert butyl alcohol	4.936	59	28586	151.791	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	38375	20.462	ug/l	93
13) Acrolein	3.729	56	16241	112.507	ug/l	95
14) Allyl chloride	4.472	41	51193	20.645	ug/l	98
15) Acrylonitrile	5.155	53	53287	106.148	ug/l	100
16) Acetone	3.942	43	42518	105.935	ug/l	96
17) Carbon Disulfide	4.192	76	112938	21.454	ug/l	97
18) Methyl Acetate	4.479	43	27633	20.007	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	108908	20.390	ug/l	98
20) Methylene Chloride	4.710	84	63971	26.333	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	45218	20.727	ug/l	94
22) Diisopropyl ether	6.112	45	122390	22.598	ug/l	96
23) Vinyl Acetate	6.051	43	384896	115.502	ug/l	99
24) 1,1-Dichloroethane	6.015	63	76605	21.473	ug/l	98
25) 2-Butanone	6.978	43	68465	110.871	ug/l	93
26) 2,2-Dichloropropane	6.972	77	72303	21.350	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	51058	20.094	ug/l	99
28) Bromochloromethane	7.332	49	28967	23.567	ug/l	95
29) Tetrahydrofuran	7.350	42	43344	107.897	ug/l	98
30) Chloroform	7.502	83	81305	21.056	ug/l	99
31) Cyclohexane	7.777	56	70942	21.116	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	72907	20.532	ug/l	99
36) 1,1-Dichloropropene	7.917	75	63229	21.798	ug/l	99
37) Ethyl Acetate	7.070	43	31369	23.406	ug/l	96
38) Carbon Tetrachloride	7.899	117	65269	20.727	ug/l	92
39) Methylcyclohexane	9.179	83	79055	20.315	ug/l	95
40) Benzene	8.155	78	178004	21.384	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	14093m	20.147	ug/l	
42) 1,2-Dichloroethane	8.234	62	52097	22.346	ug/l	100
43) Isopropyl Acetate	8.271	43	59137	22.274	ug/l	100
44) Trichloroethene	8.935	130	47782	20.010	ug/l	99
45) 1,2-Dichloropropane	9.216	63	43617	22.136	ug/l	98
46) Dibromomethane	9.301	93	26805	20.925	ug/l	99
47) Bromodichloromethane	9.496	83	63267	21.478	ug/l	98
48) Methyl methacrylate	9.289	41	24464	20.975	ug/l	95
49) 1,4-Dioxane	9.301	88	6876	414.558	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	157203	117.043	ug/l	98
52) Toluene	10.246	92	117033	21.391	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	64975	21.542	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	73535	21.589	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	37500	21.253	ug/l	97
56) Ethyl methacrylate	10.508	69	47130	20.620	ug/l	94
57) 1,3-Dichloropropane	10.788	76	61800	21.315	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	117976	116.838	ug/l	99
59) 2-Hexanone	10.831	43	107406	115.021	ug/l	96
60) Dibromochloromethane	10.983	129	42761	19.944	ug/l	98
61) 1,2-Dibromoethane	11.087	107	35796	20.611	ug/l	96
64) Tetrachloroethene	10.715	164	43638	20.702	ug/l	90
65) Chlorobenzene	11.514	112	124568	20.279	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	44840	19.758	ug/l	99
67) Ethyl Benzene	11.593	91	220980	20.320	ug/l	99
68) m/p-Xylenes	11.703	106	176049	40.673	ug/l	98
69) o-Xylene	12.026	106	82848	20.100	ug/l	99
70) Styrene	12.044	104	133835	19.688	ug/l	98
71) Bromoform	12.209	173	25216	18.660	ug/l #	96
73) Isopropylbenzene	12.331	105	215362	20.048	ug/l	100
74) N-amyl acetate	12.142	43	52027	21.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	45045	21.831	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	30420m	19.344	ug/l	
77) Bromobenzene	12.605	156	48133	19.786	ug/l	99
78) n-propylbenzene	12.672	91	265515	20.837	ug/l	99
79) 2-Chlorotoluene	12.758	91	142695	20.315	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	177055	20.050	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14729	20.889	ug/l	96
82) 4-Chlorotoluene	12.855	91	148060	20.375	ug/l	100
83) tert-Butylbenzene	13.075	119	154343	19.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	178530	20.649	ug/l	99
85) sec-Butylbenzene	13.251	105	236071	20.195	ug/l	99
86) p-Isopropyltoluene	13.367	119	196409	20.220	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	97642	19.927	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	97872	20.090	ug/l	100
89) n-Butylbenzene	13.696	91	185304	20.636	ug/l	98
90) Hexachloroethane	13.959	117	36032	19.396	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	86422	20.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6466	19.886	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	47250	18.663	ug/l	98
94) Hexachlorobutadiene	15.111	225	26128	19.337	ug/l	98
95) Naphthalene	15.233	128	101217	18.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41219	18.828	ug/l	99

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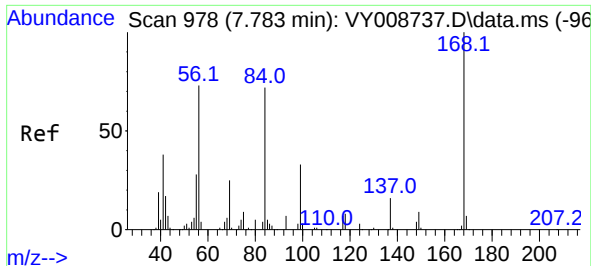
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

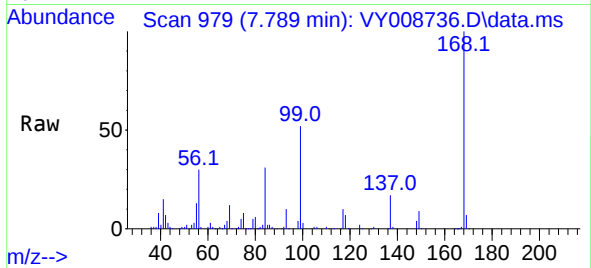
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008736.D
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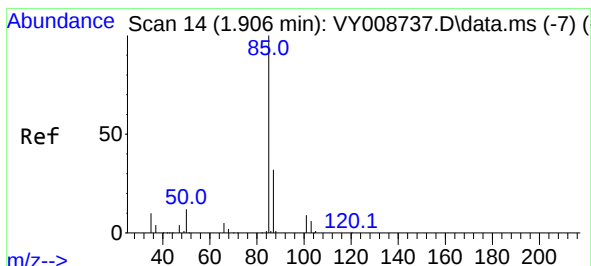
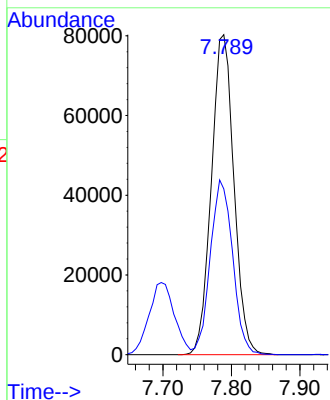
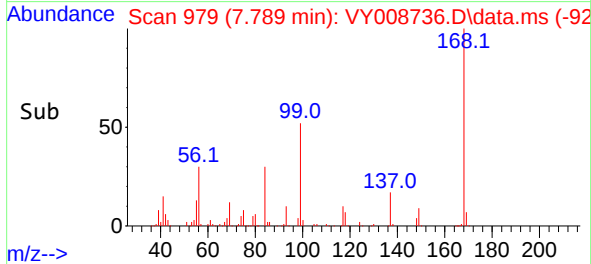
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 18334
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5

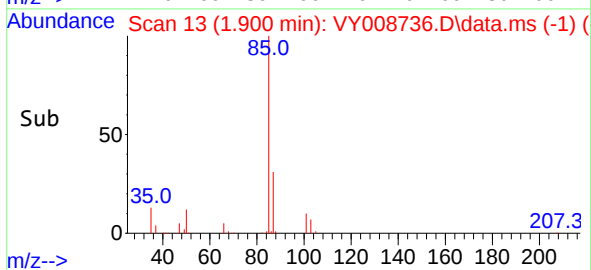
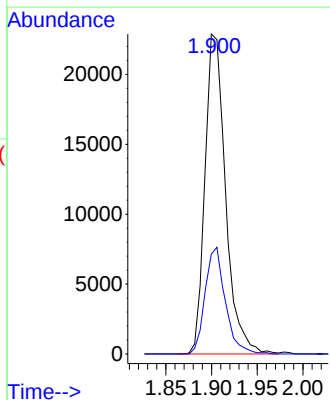
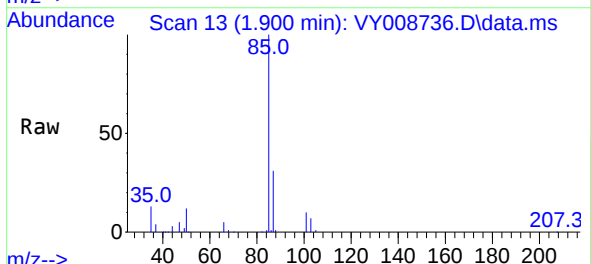
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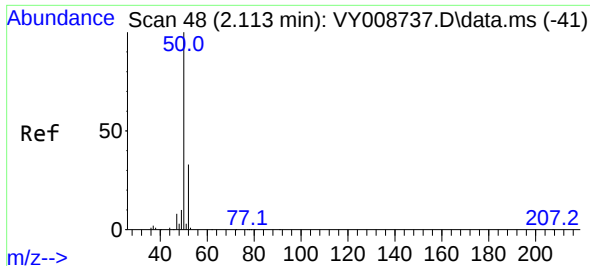
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#2
Dichlorodifluoromethane
Concen: 22.842 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

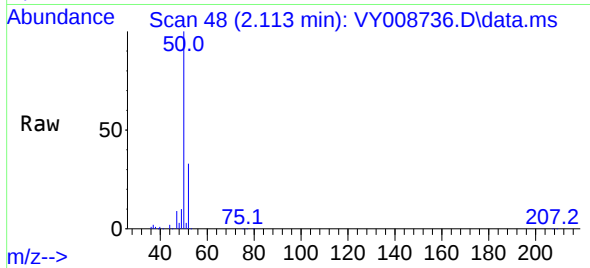
Tgt Ion: 85 Resp: 35877
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6





#3
Chloromethane
Concen: 32.078 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

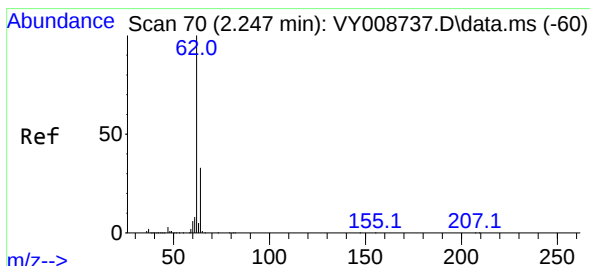
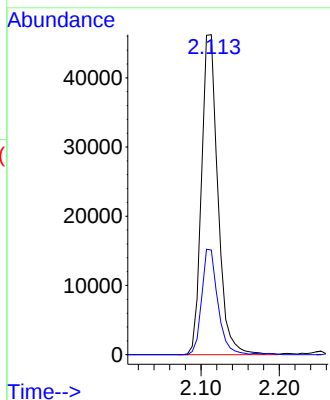
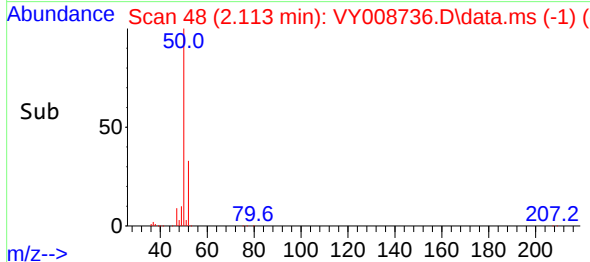
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Tgt Ion: 50 Resp: 6717
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1

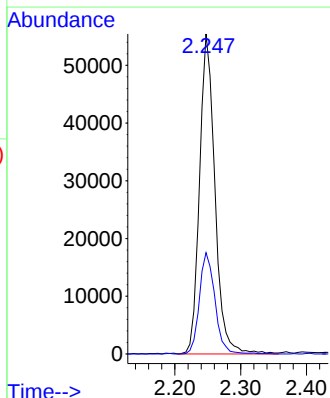
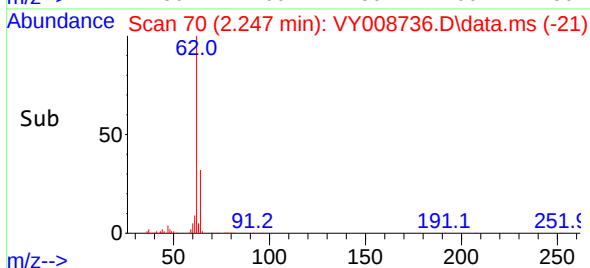
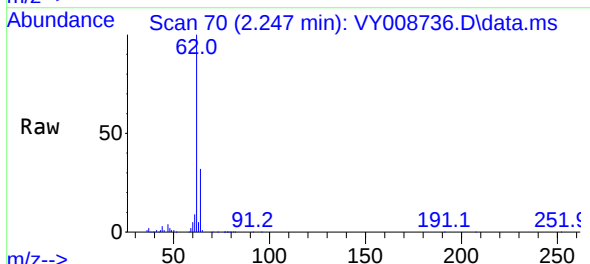
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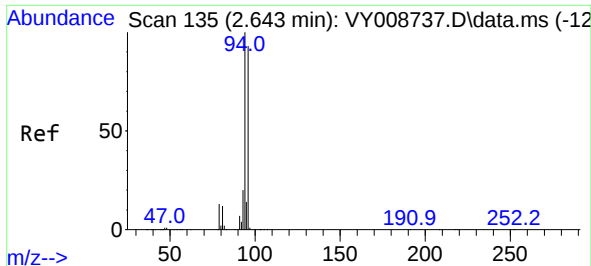
Reviewed By :John Carlone 05/13/2022
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#4
Vinyl Chloride
Concen: 32.127 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

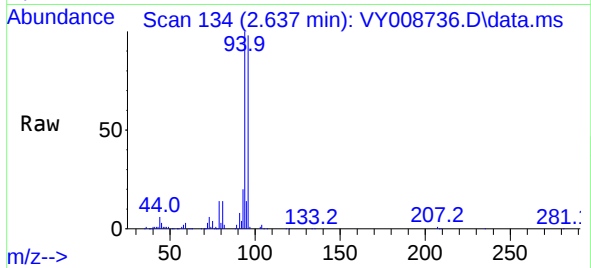
Tgt Ion: 62 Resp: 90158
Ion Ratio Lower Upper
62 100
64 31.6 26.7 40.1





#5
Bromomethane
Concen: 37.011 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008736.D
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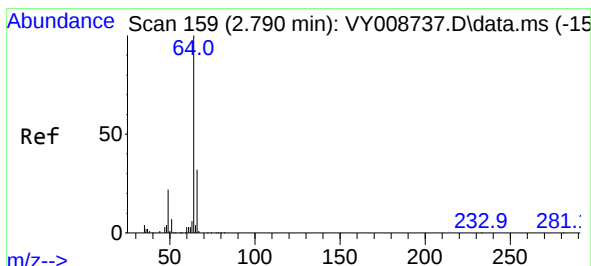
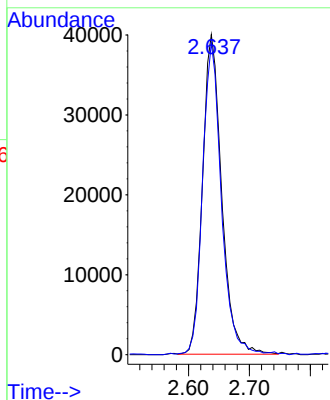
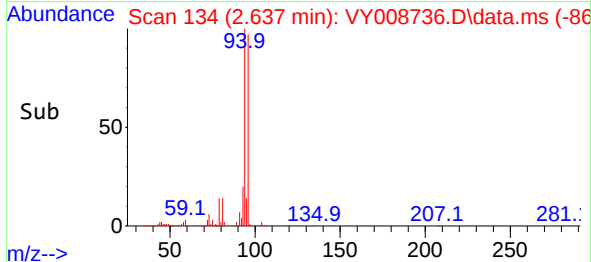
Instrument :
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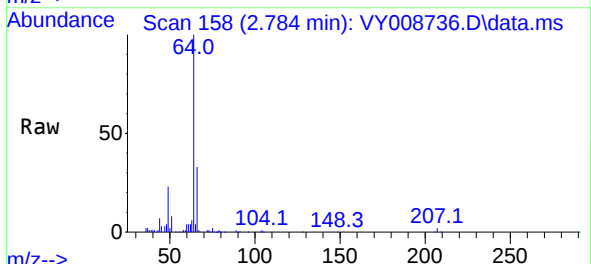
Tgt Ion: 94 Resp: 87409
Ion Ratio Lower Upper
94 100
96 97.4 74.2 111.4

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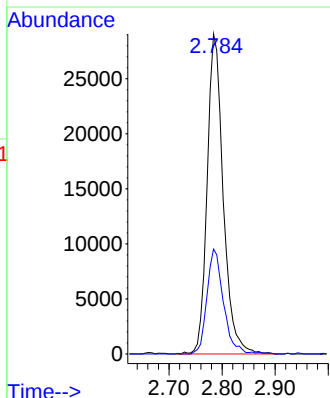
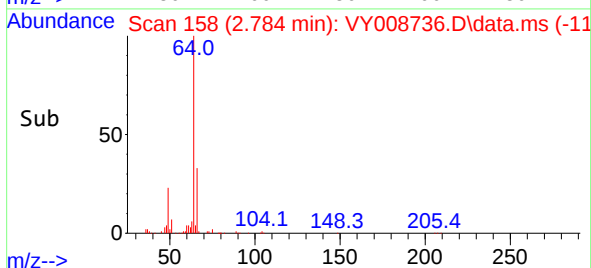
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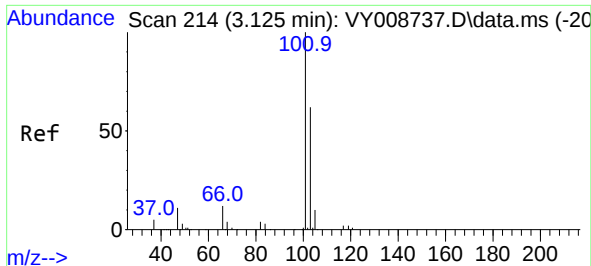


#6
Chloroethane
Concen: 32.716 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008736.D
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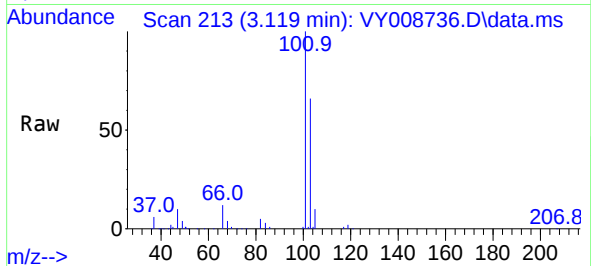
Tgt Ion: 64 Resp: 61117
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 21.623 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY008736.D
 Acq: 12 May 2022 16:13

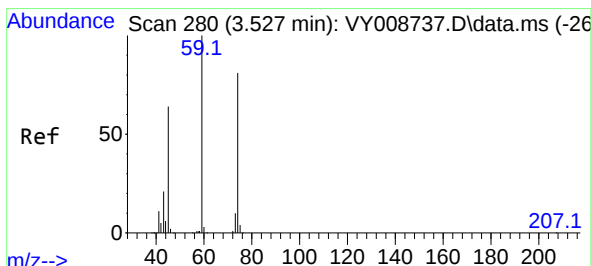
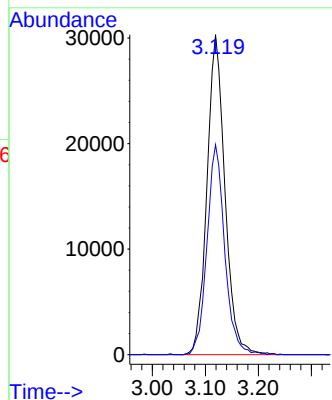
Instrument :
 MSVOA_Y
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 VSTDIC020



Tgt Ion:101 Resp: 7136
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.5 74.3

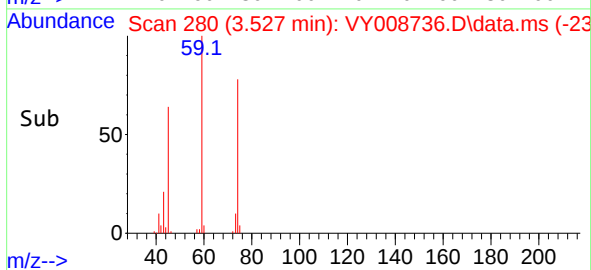
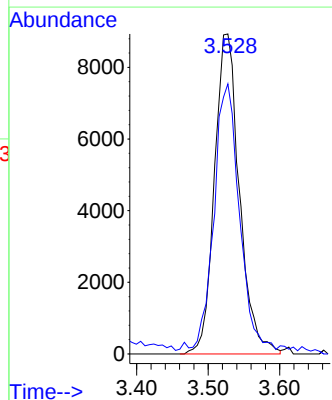
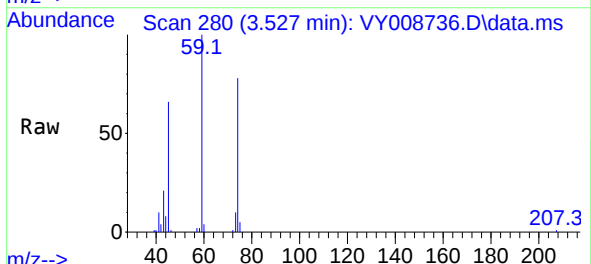
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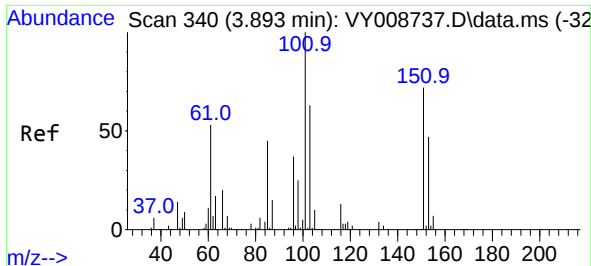
Reviewed By :John Carlone 05/13/2022
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#8
 Diethyl Ether
 Concen: 20.559 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008736.D
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Tgt Ion: 74 Resp: 21686
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.6 127.8





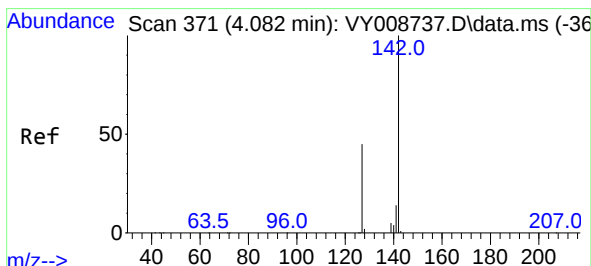
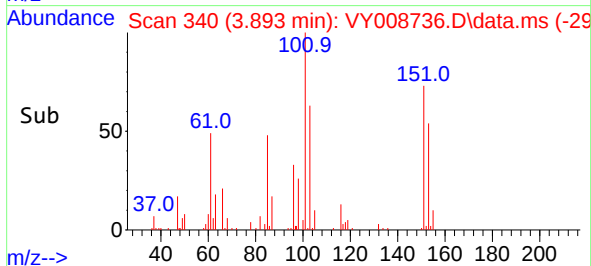
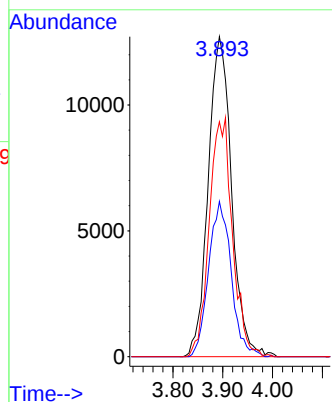
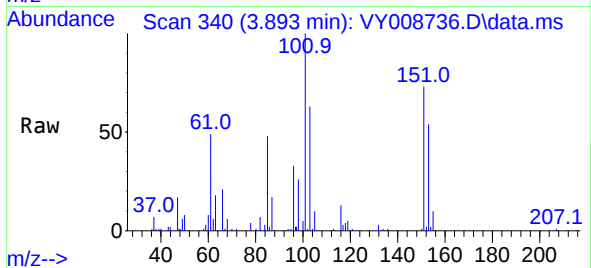
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.391 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008736.D
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Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 4137
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.6
151 74.3 59.4 89.2

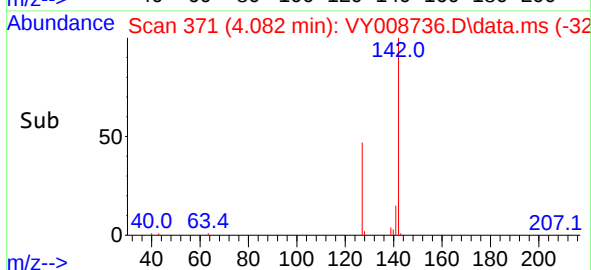
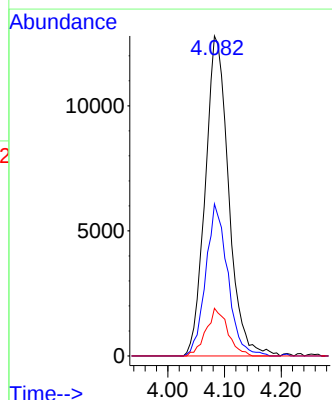
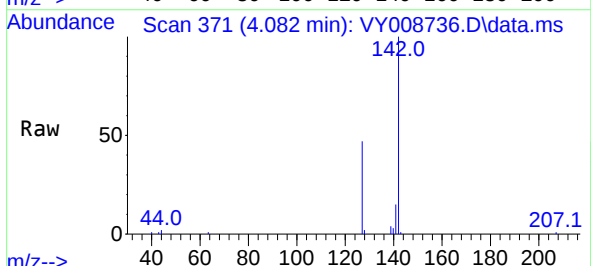
Manual Integrations
APPROVED

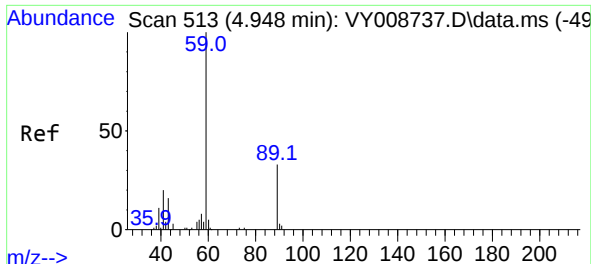
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Methyl Iodide
Concen: 17.931 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

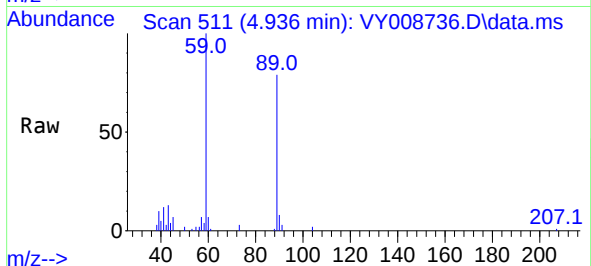
Tgt Ion:142 Resp: 36643
Ion Ratio Lower Upper
142 100
127 44.8 35.4 53.0
141 13.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 151.791 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

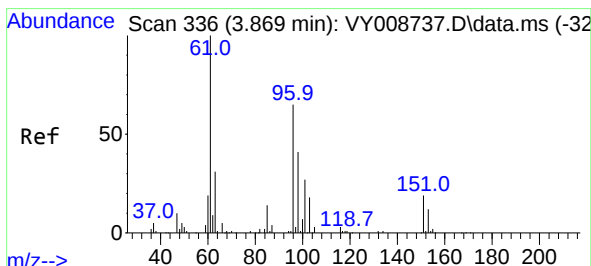
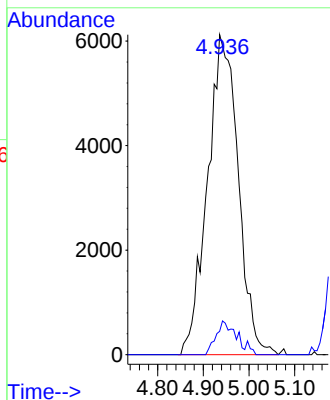
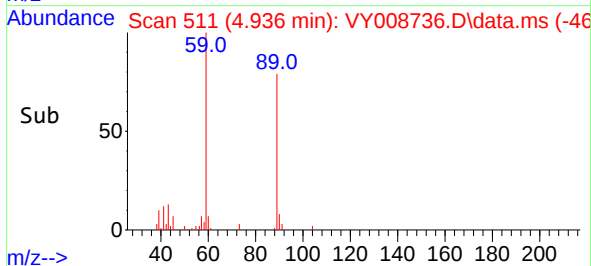
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



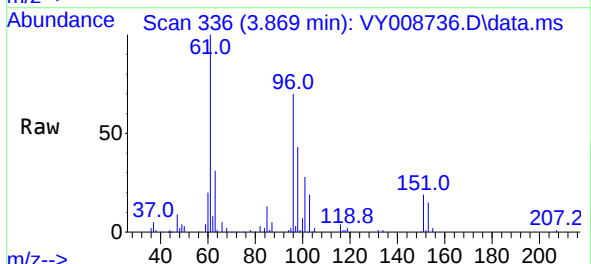
Tgt Ion: 59 Resp: 28580
Ion Ratio Lower Upper
59 100
57 6.5 6.7 10.1

Manual Integrations
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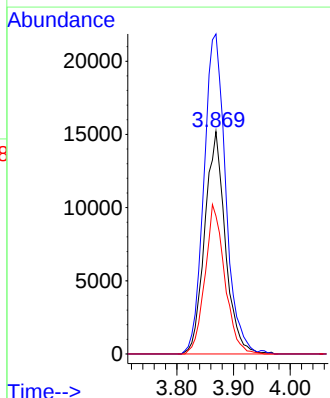
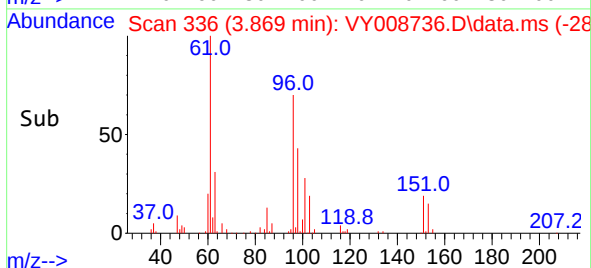
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

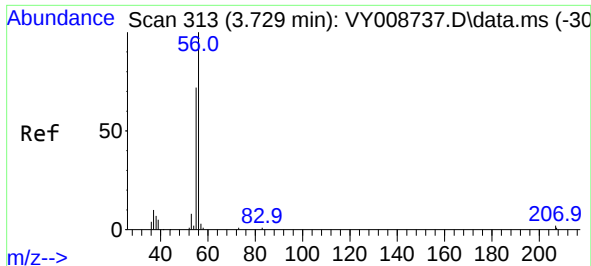


#12
1,1-Dichloroethene
Concen: 20.462 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13



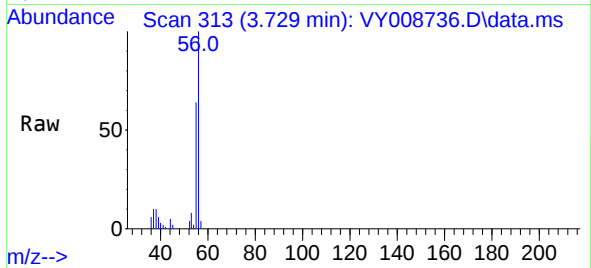
Tgt Ion: 96 Resp: 38375
Ion Ratio Lower Upper
96 100
61 143.8 123.9 185.9
98 62.0 51.2 76.8





#13
Acrolein
Concen: 112.507 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

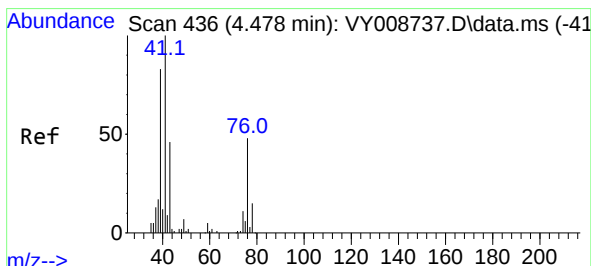
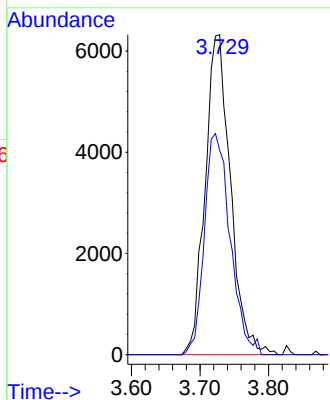
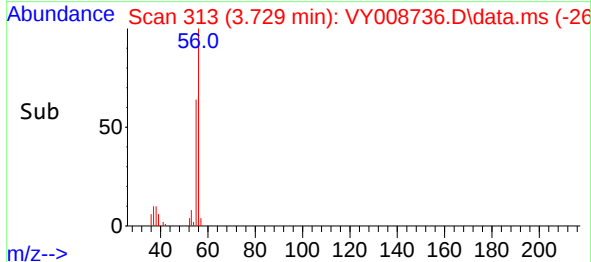
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



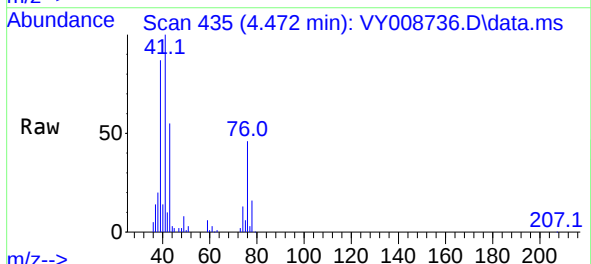
Tgt Ion: 56 Resp: 1624
Ion Ratio Lower Upper
56 100
55 70.4 59.8 89.6

Manual Integrations
APPROVED

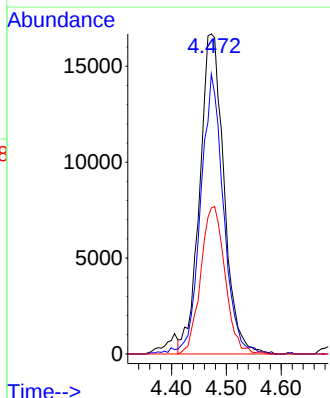
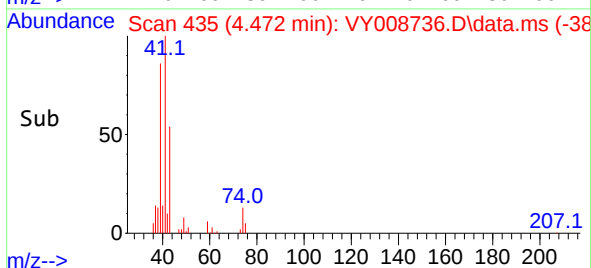
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

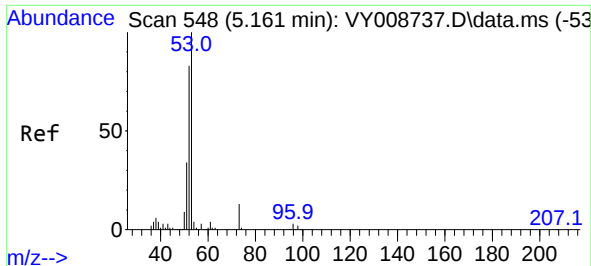


#14
Allyl chloride
Concen: 20.645 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13



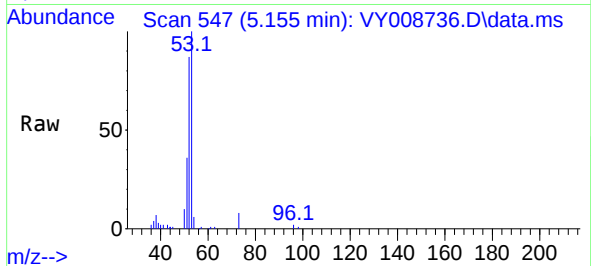
Tgt Ion: 41 Resp: 51193
Ion Ratio Lower Upper
41 100
39 82.7 64.0 96.0
76 46.0 37.5 56.3





#15
Acrylonitrile
Concen: 106.148 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

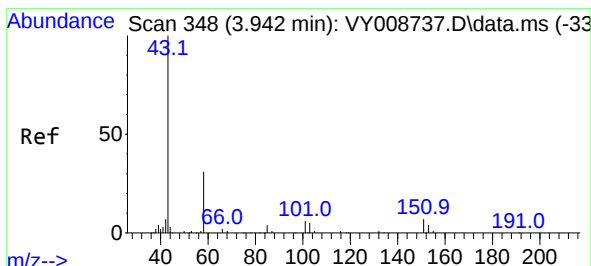
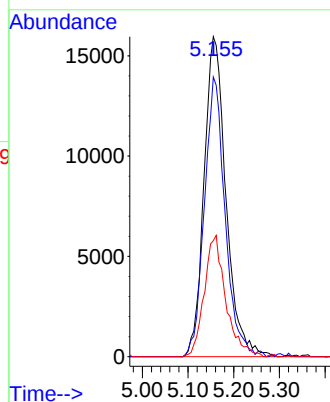
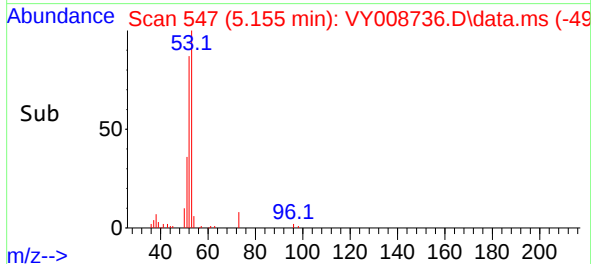
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



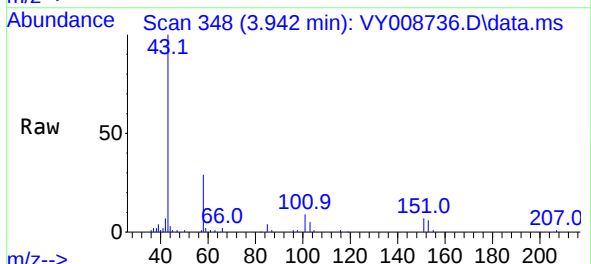
Tgt Ion: 53 Resp: 5328
Ion Ratio Lower Upper
53 100
52 82.0 65.8 98.6
51 37.2 29.6 44.4

Manual Integrations
APPROVED

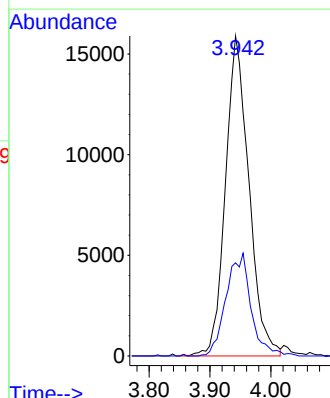
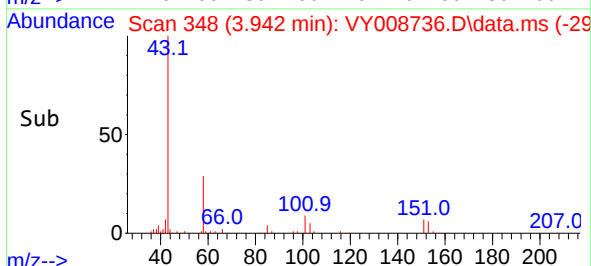
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

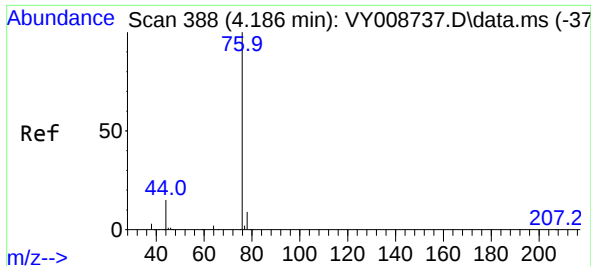


#16
Acetone
Concen: 105.935 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13



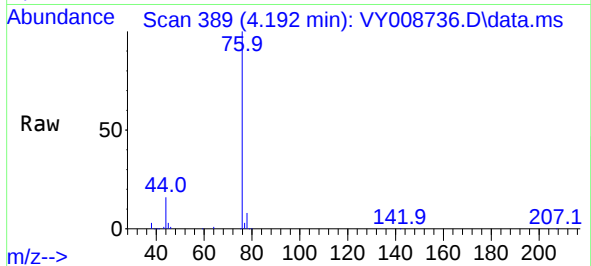
Tgt Ion: 43 Resp: 42518
Ion Ratio Lower Upper
43 100
58 29.1 25.1 37.7





#17
Carbon Disulfide
Concen: 21.454 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

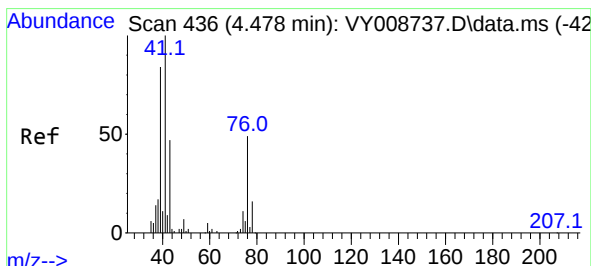
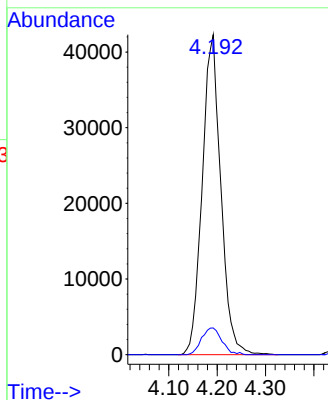
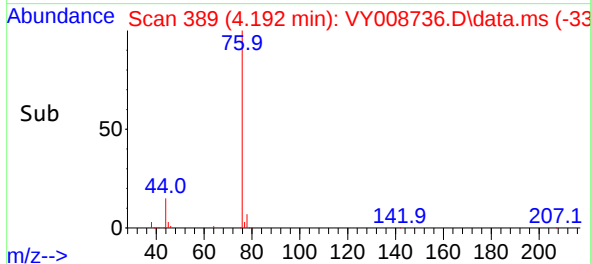
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 112938
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

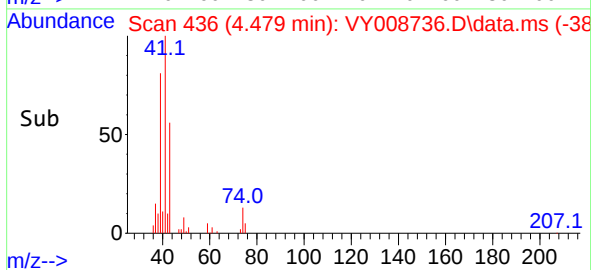
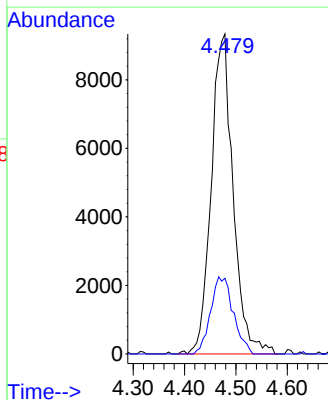
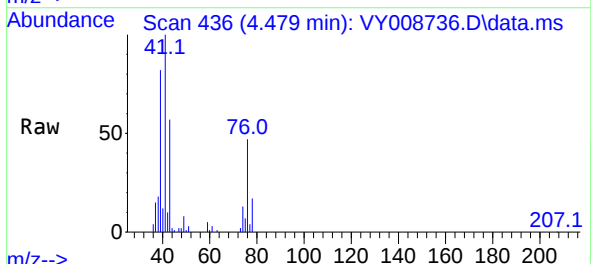
Manual Integrations
APPROVED

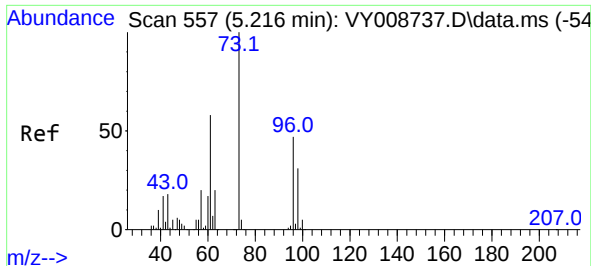
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
Methyl Acetate
Concen: 20.007 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 43 Resp: 27633
Ion Ratio Lower Upper
43 100
74 24.9 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 20.390 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 108908

Ion Ratio Lower Upper

73 100

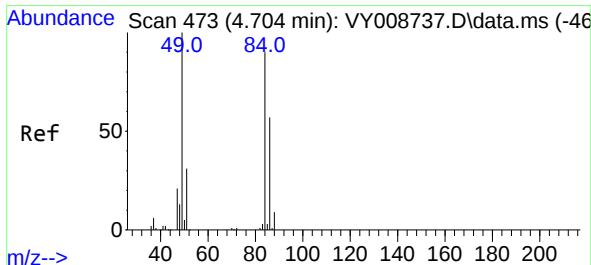
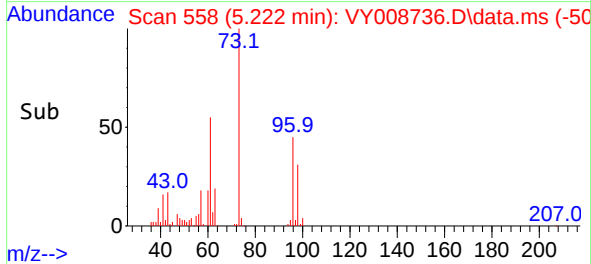
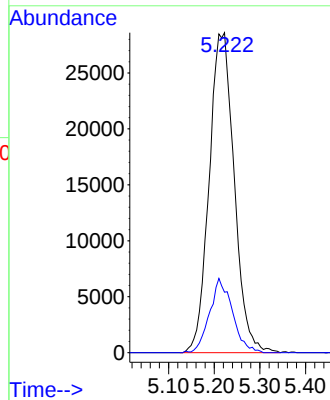
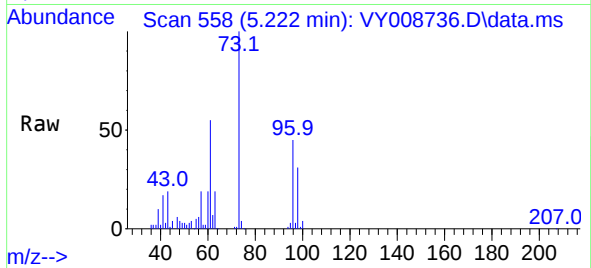
57 18.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#20

Methylene Chloride

Concen: 26.333 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

Tgt Ion: 84 Resp: 63971

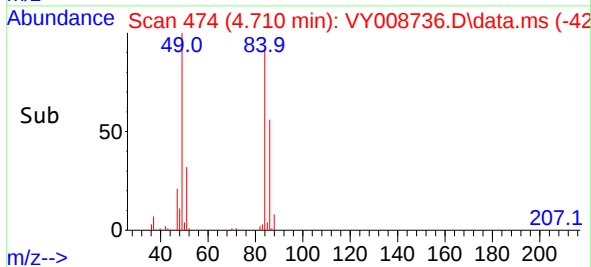
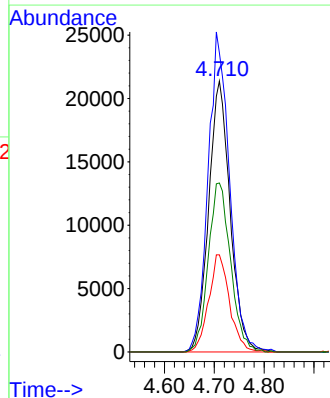
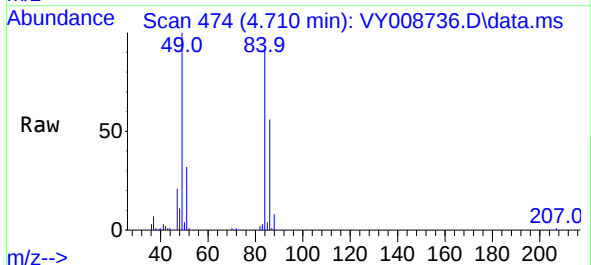
Ion Ratio Lower Upper

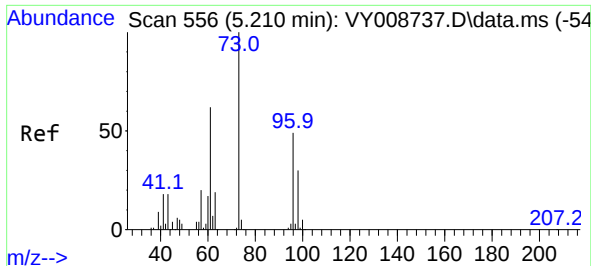
84 100

49 110.4 88.6 133.0

51 35.8 27.4 41.0

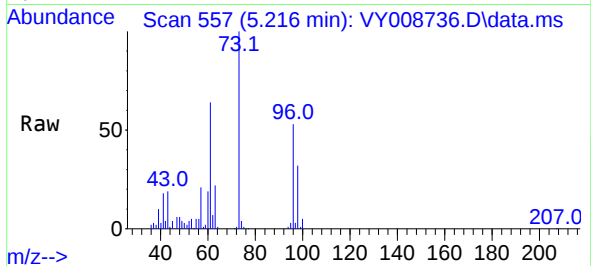
86 62.4 50.2 75.2





#21
trans-1,2-Dichloroethene
Concen: 20.727 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

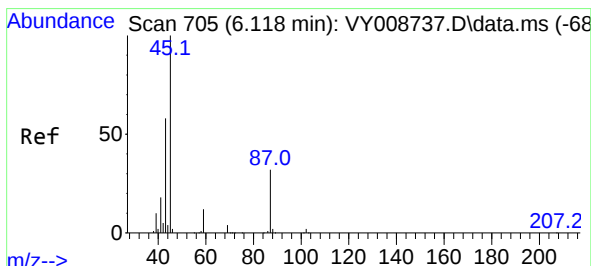
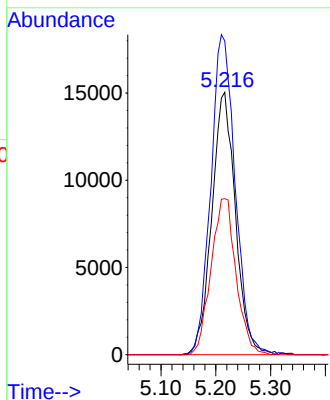
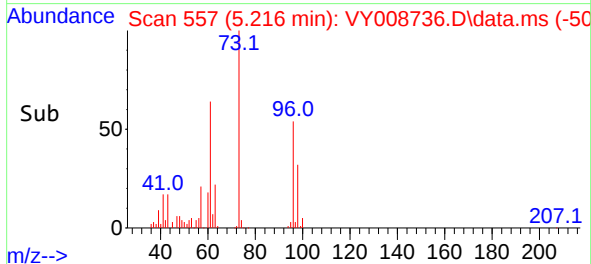
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 45218
Ion Ratio Lower Upper
96 100
61 119.6 101.8 152.6
98 59.4 50.2 75.2

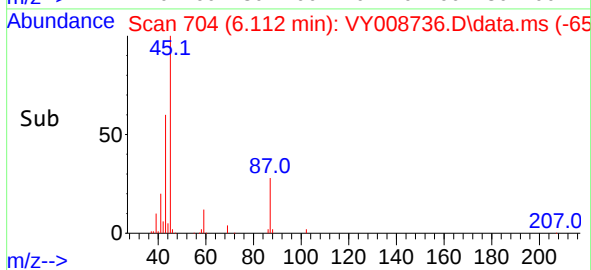
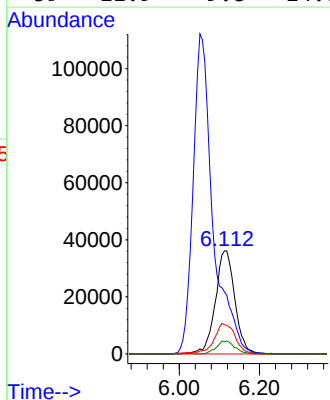
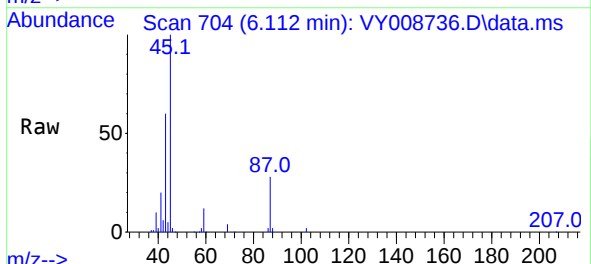
Manual Integrations
APPROVED

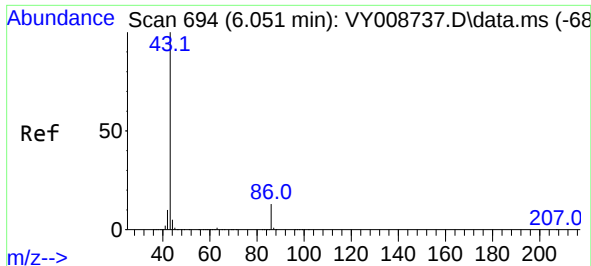
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#22
Diisopropyl ether
Concen: 22.598 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 45 Resp: 122390
Ion Ratio Lower Upper
45 100
43 60.0 46.5 69.7
87 28.5 26.3 39.5
59 11.9 9.8 14.6





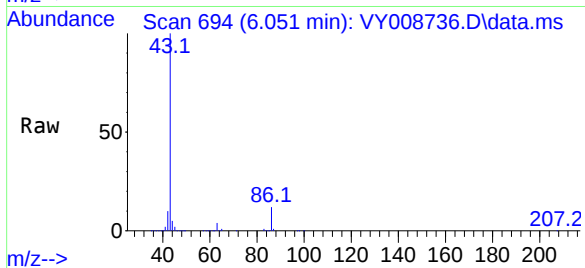
#23
 Vinyl Acetate
 Concen: 115.502 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY008736.D
 Acq: 12 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

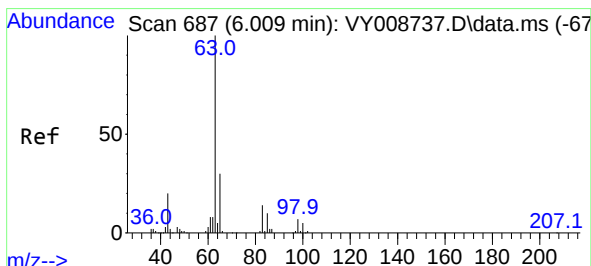
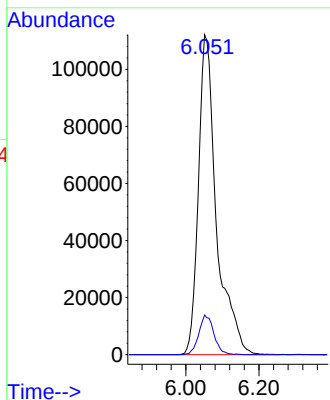
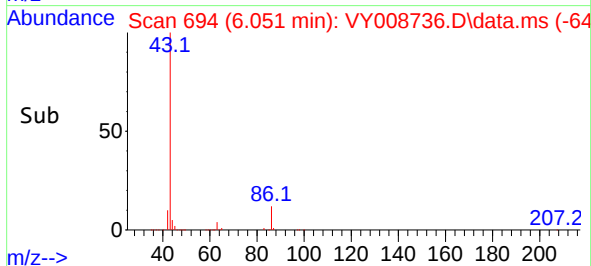


Tgt Ion: 43 Resp: 384890
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.2 15.2

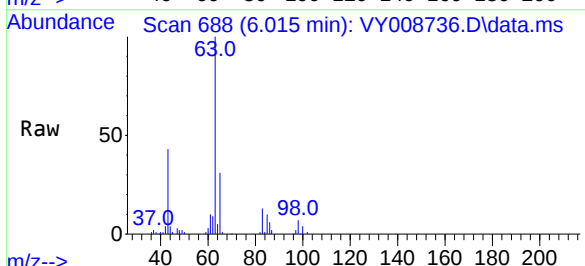
Manual Integrations

APPROVED

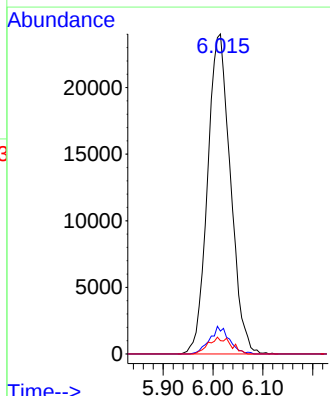
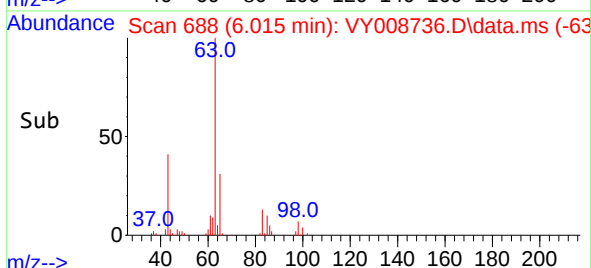
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/16/2022

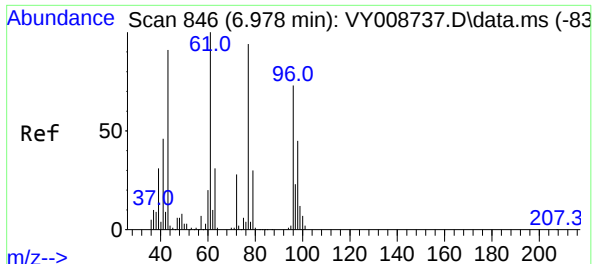


#24
 1,1-Dichloroethane
 Concen: 21.473 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY008736.D
 Acq: 12 May 2022 16:13



Tgt Ion: 63 Resp: 76605
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.1 2.6 7.8





#25

2-Butanone

Concen: 110.871 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 6846

Ion Ratio Lower Upper

43 100

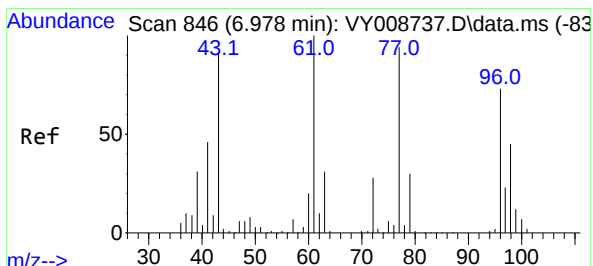
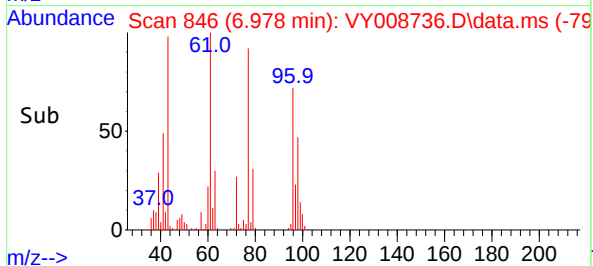
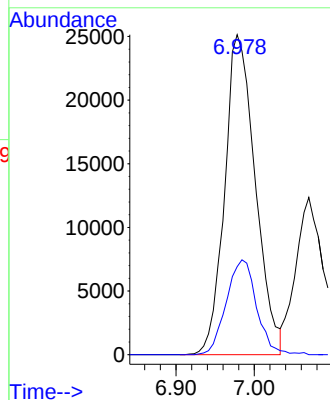
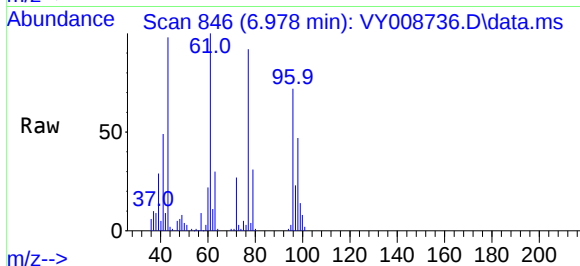
72 27.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#26

2,2-Dichloropropane

Concen: 21.350 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY008736.D

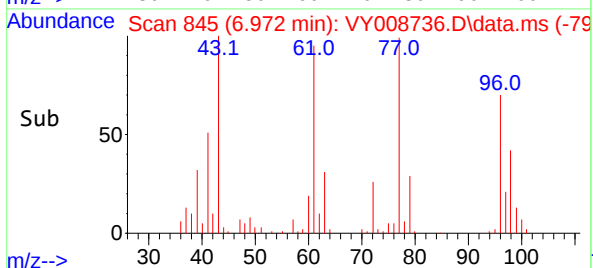
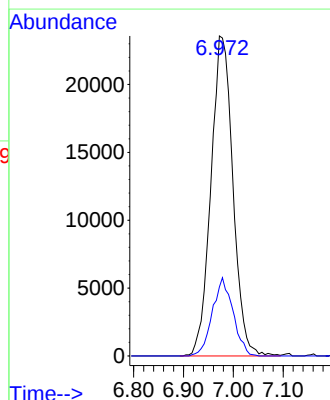
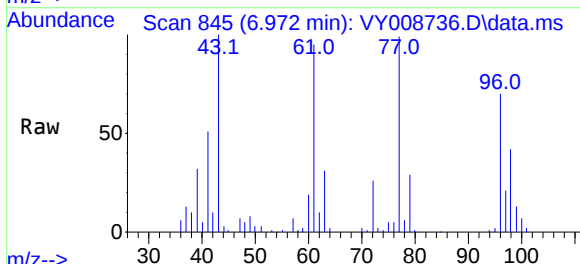
Acq: 12 May 2022 16:13

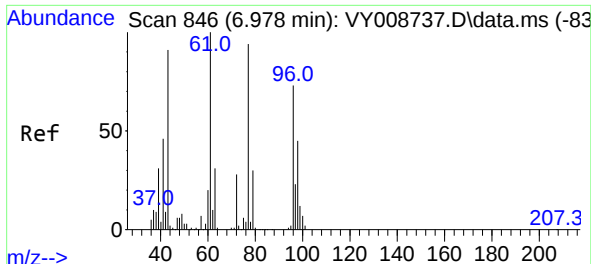
Tgt Ion: 77 Resp: 72303

Ion Ratio Lower Upper

77 100

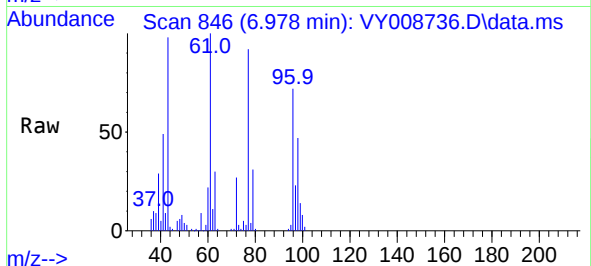
97 23.0 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 20.094 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

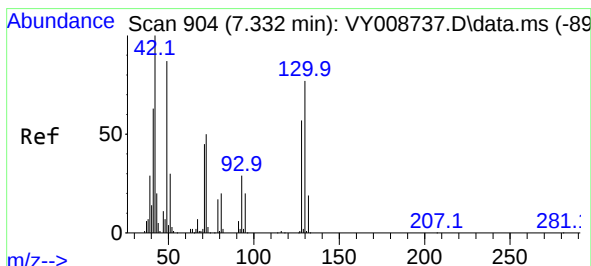
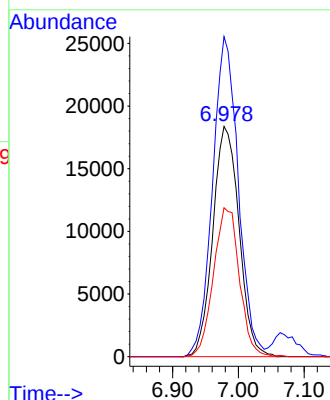
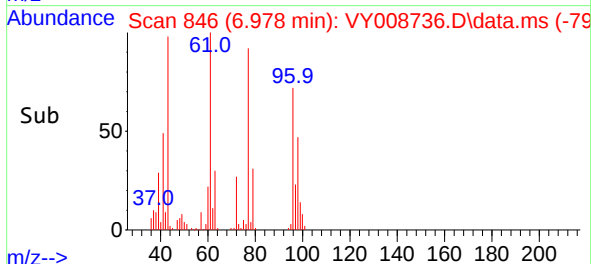
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 51058
Ion Ratio Lower Upper
96 100
61 136.0 0.0 270.4
98 63.9 0.0 126.6

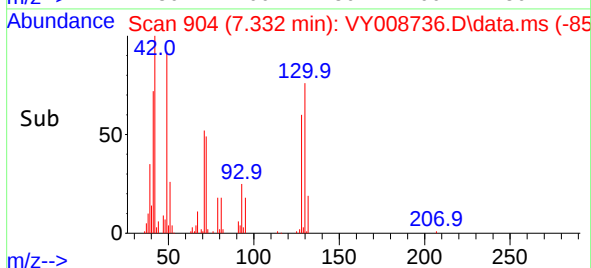
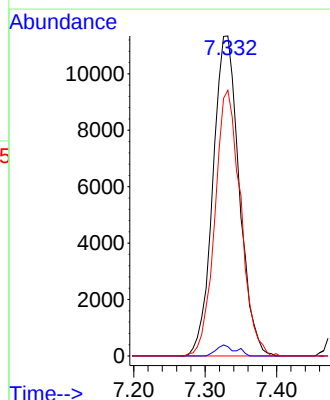
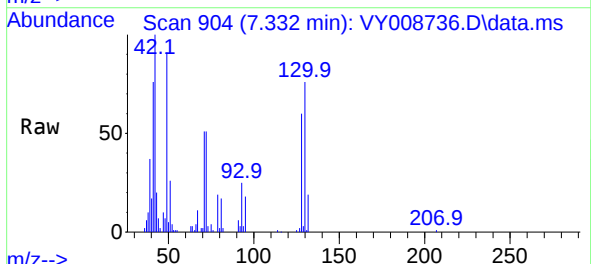
Manual Integrations
APPROVED

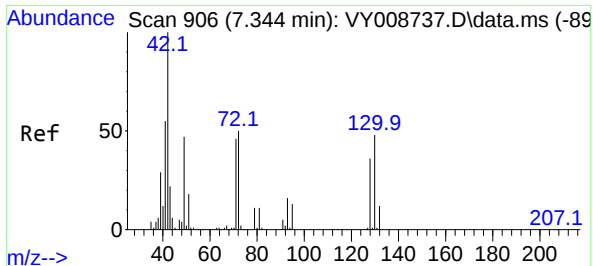
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#28
Bromochloromethane
Concen: 23.567 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 49 Resp: 28967
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 81.3 69.0 103.4





#29

Tetrahydrofuran

Concen: 107.897 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

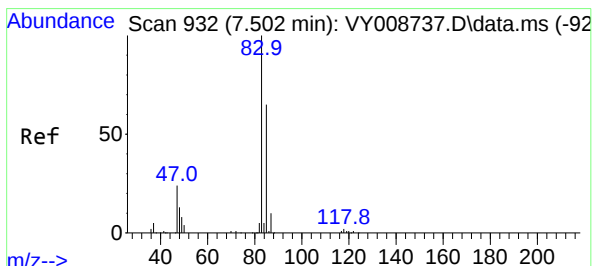
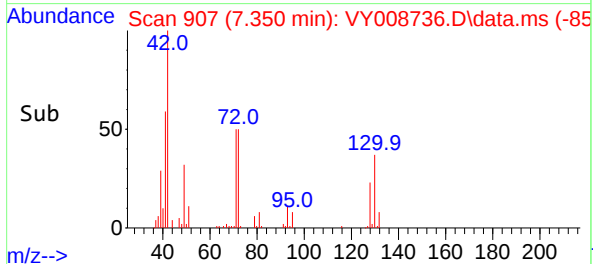
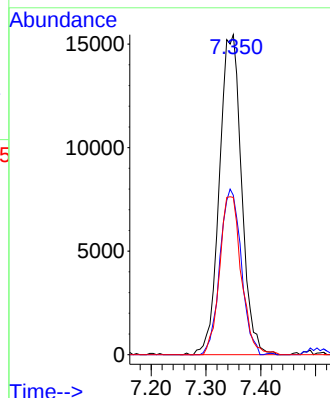
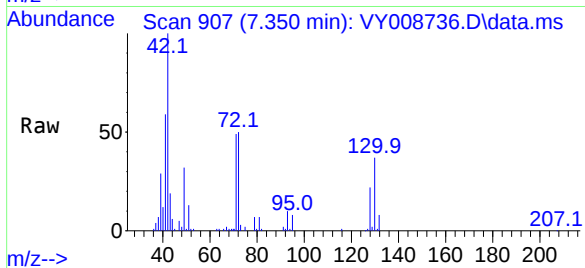
Tgt Ion:	42	Resp:	4334
Ion	Ratio	Lower	Upper
42	100		
72	49.7	40.7	61.1
71	48.6	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#30

Chloroform

Concen: 21.056 ug/l

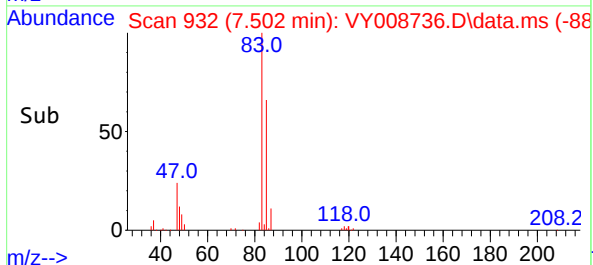
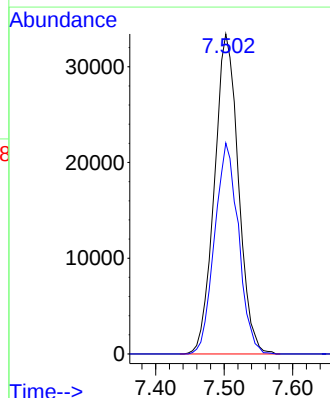
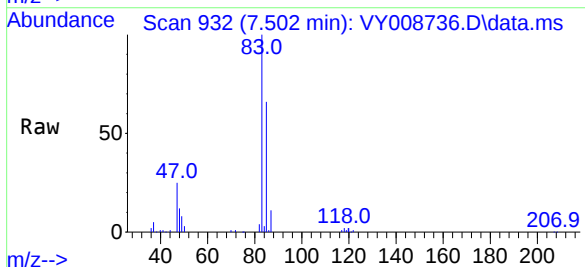
RT: 7.502 min Scan# 932

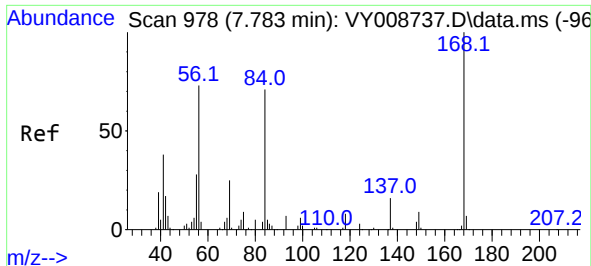
Delta R.T. 0.000 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

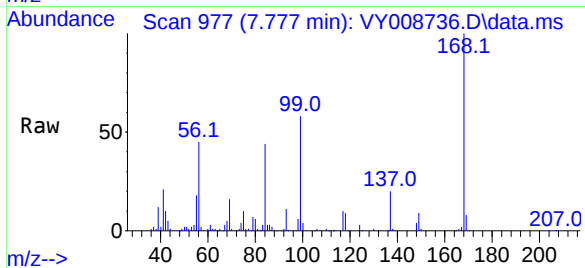
Tgt Ion:	83	Resp:	81305
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.1	78.1





#31
Cyclohexane
Concen: 21.116 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

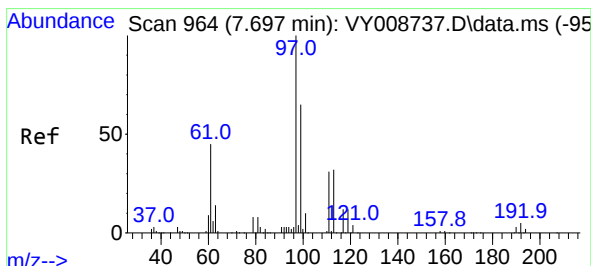
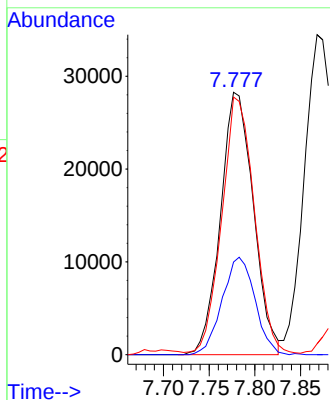
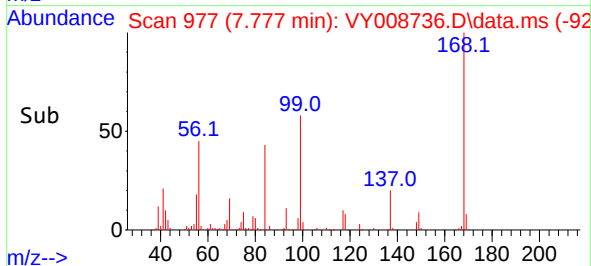
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



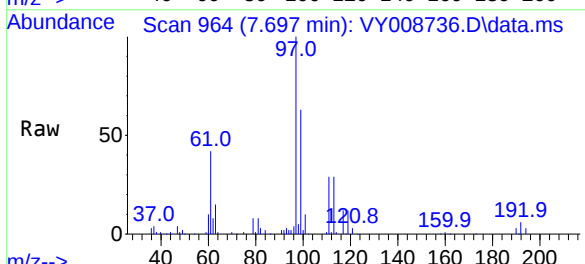
Tgt Ion: 56 Resp: 7094
Ion Ratio Lower Upper
56 100
69 35.3 27.4 41.0
84 96.9 77.5 116.3

Manual Integrations
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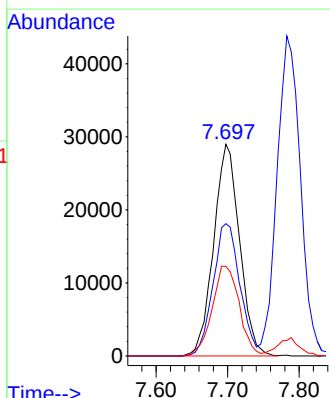
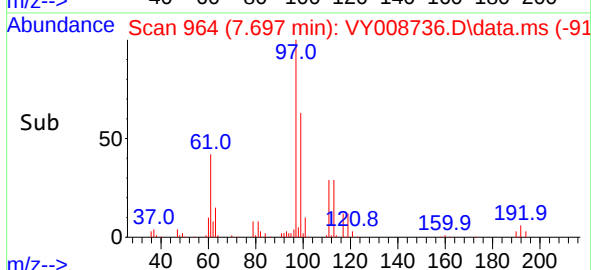
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

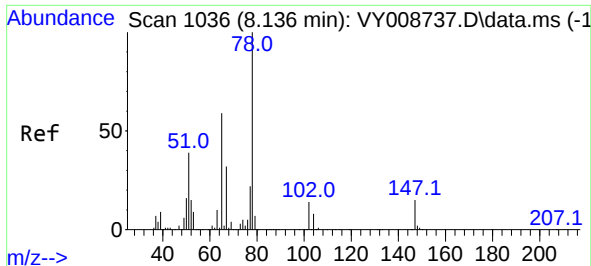


#32
1,1,1-Trichloroethane
Concen: 20.532 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13



Tgt Ion: 97 Resp: 72907
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 44.3 34.9 52.3





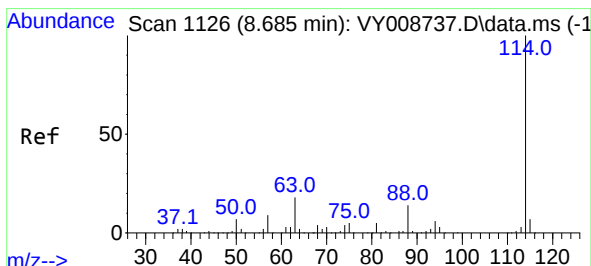
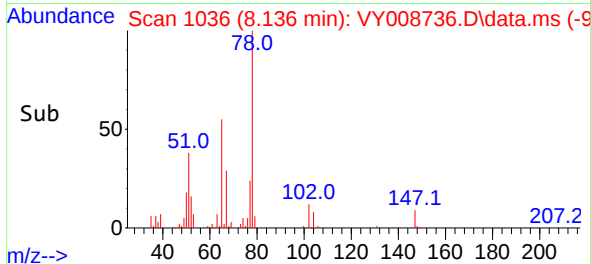
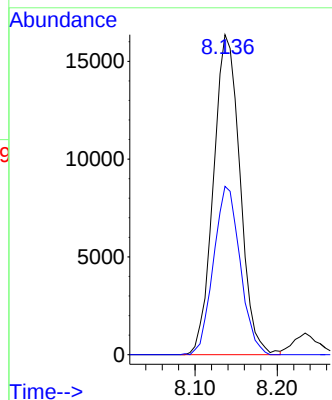
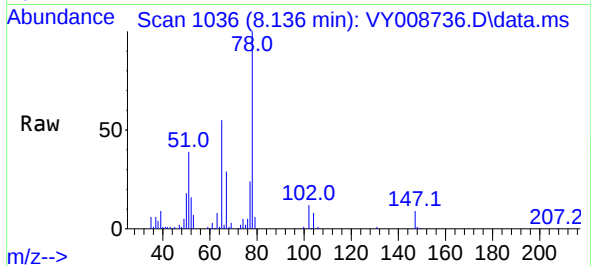
#33
1,2-Dichloroethane-d4
Concen: 20.283 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 3671
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.0

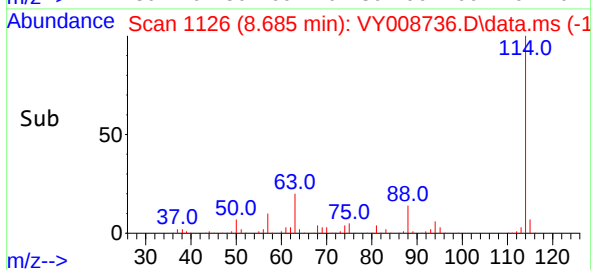
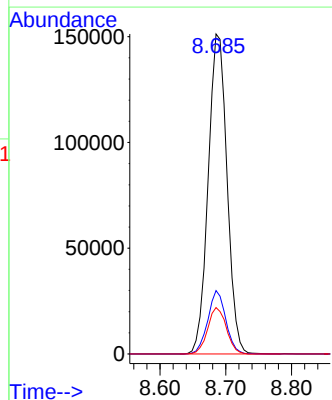
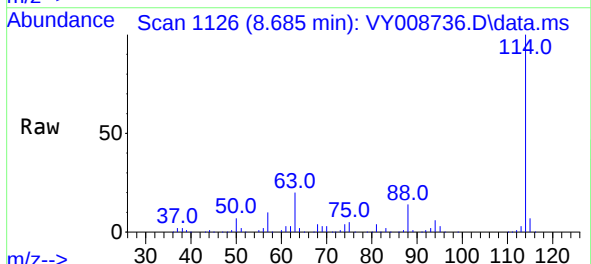
Manual Integrations
APPROVED

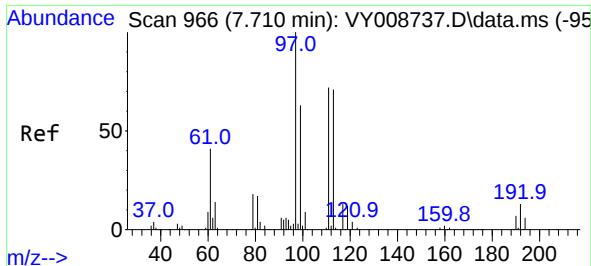
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:114 Resp: 301687
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 14.5 0.0 27.4





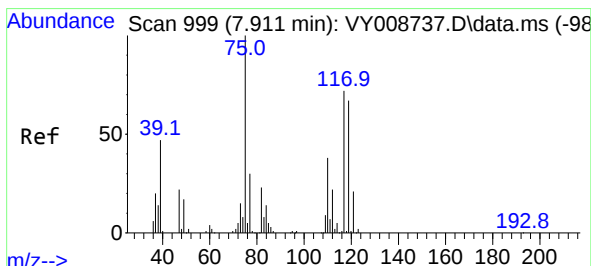
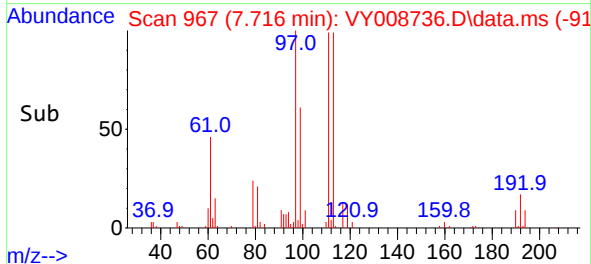
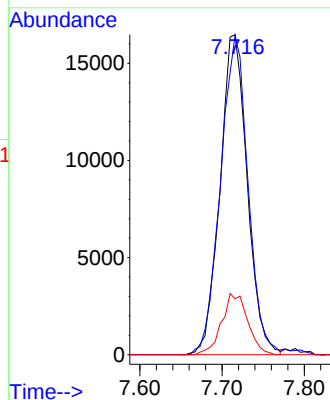
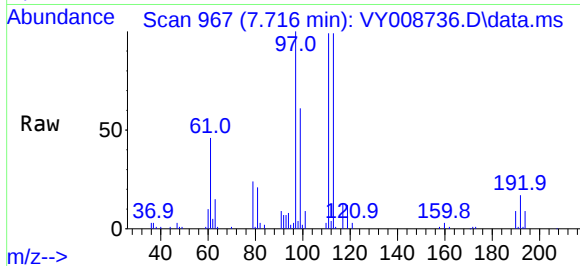
#35
Dibromofluoromethane
Concen: 20.550 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 37952
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 18.2 14.5 21.7

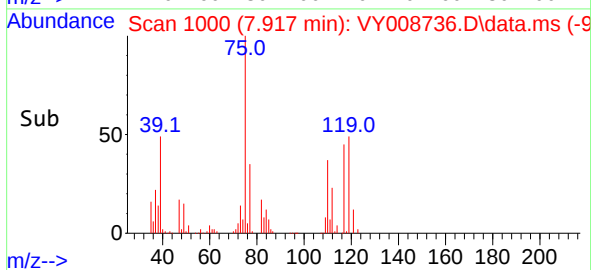
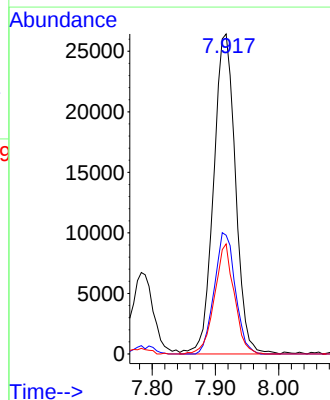
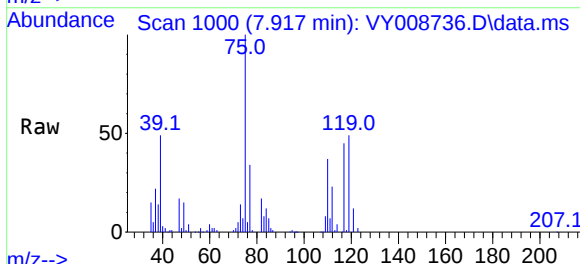
Manual Integrations
APPROVED

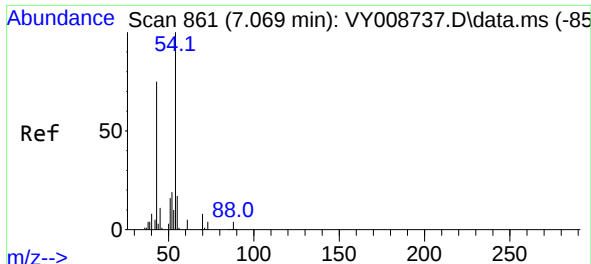
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#36
1,1-Dichloropropene
Concen: 21.798 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

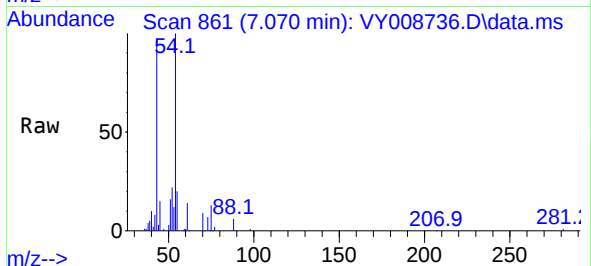
Tgt Ion: 75 Resp: 63229
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.1
77 31.2 24.3 36.5





#37
Ethyl Acetate
Concen: 23.406 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

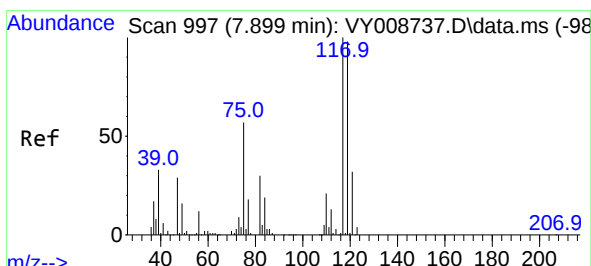
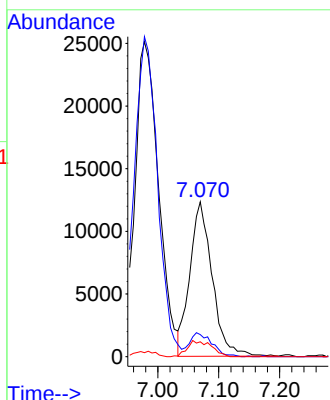
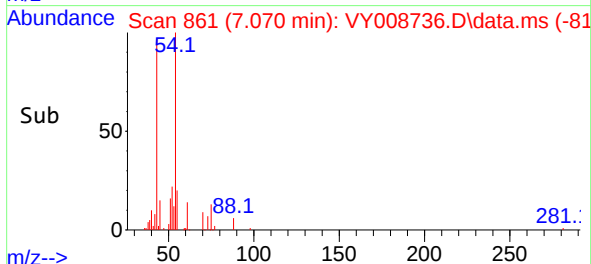
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 31369
Ion Ratio Lower Upper
43 100
61 15.6 10.8 16.2
70 11.2 8.5 12.7

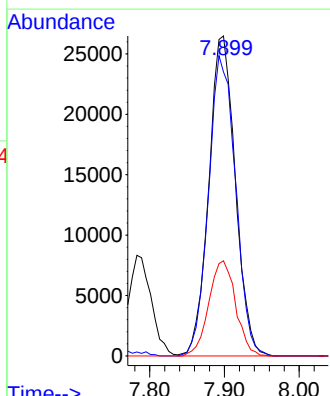
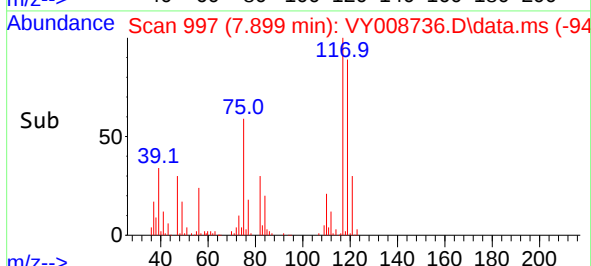
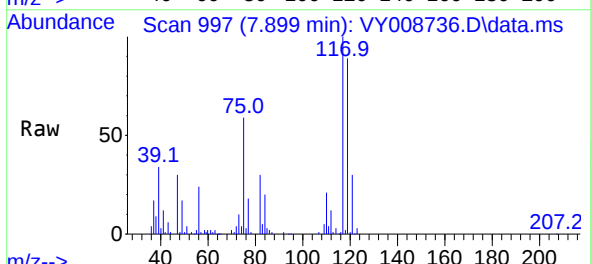
Manual Integrations
APPROVED

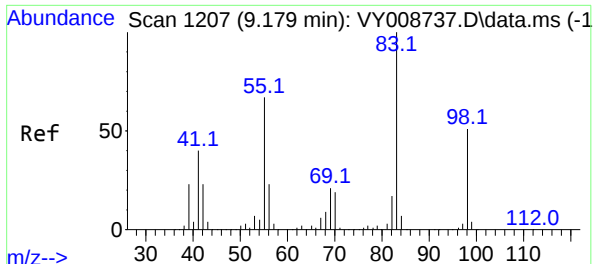
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#38
Carbon Tetrachloride
Concen: 20.727 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:117 Resp: 65269
Ion Ratio Lower Upper
117 100
119 88.7 78.5 117.7
121 29.7 25.8 38.8





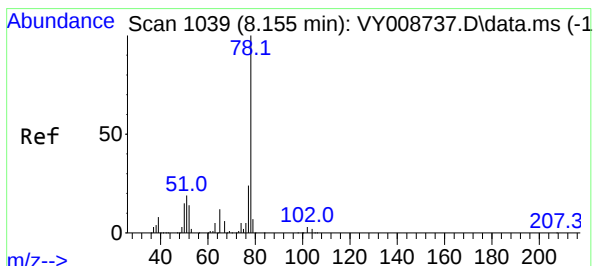
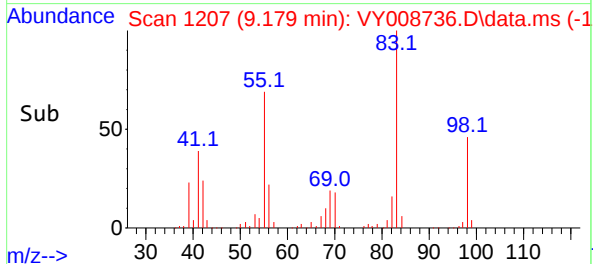
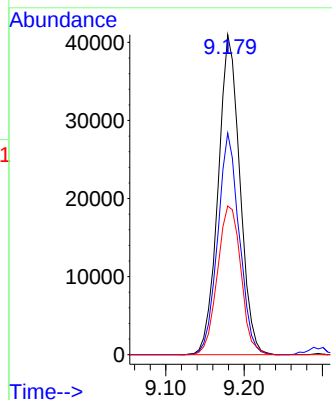
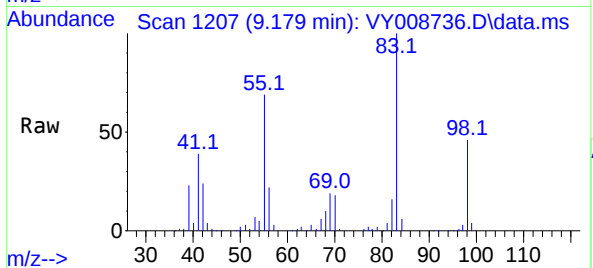
#39
Methylcyclohexane
Concen: 20.315 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 7905
Ion Ratio Lower Upper
83 100
55 69.3 53.4 80.0
98 46.4 41.0 61.4

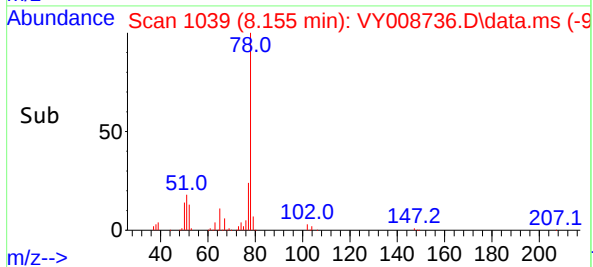
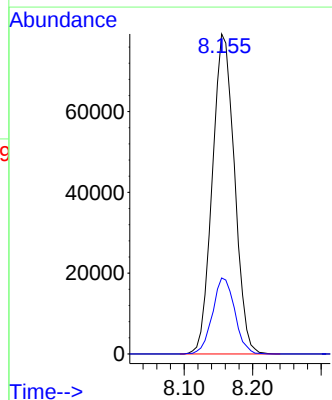
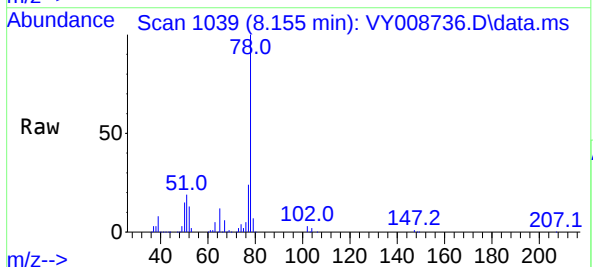
Manual Integrations
APPROVED

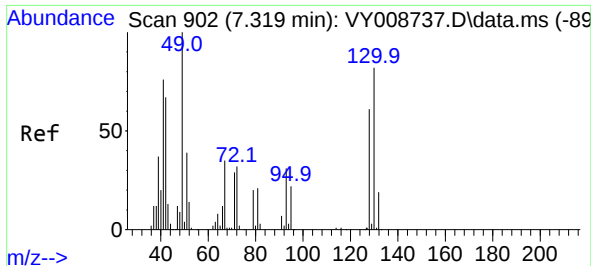
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#40
Benzene
Concen: 21.384 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

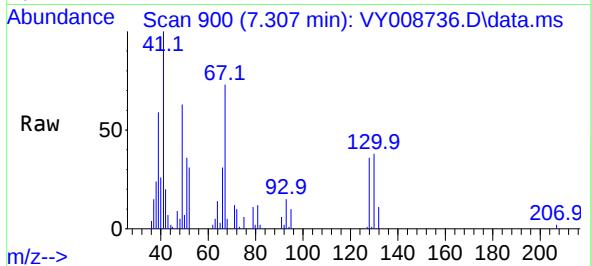
Tgt Ion: 78 Resp: 178004
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 20.147 ug/l m
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

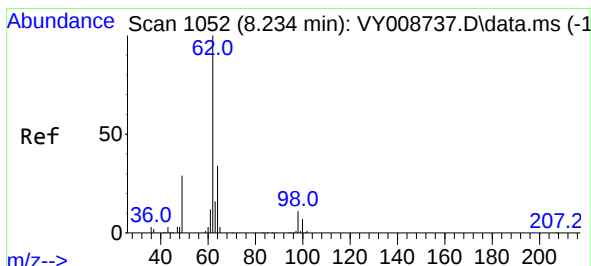
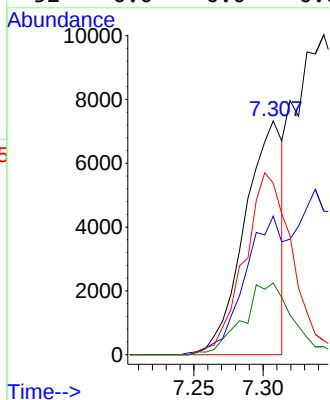
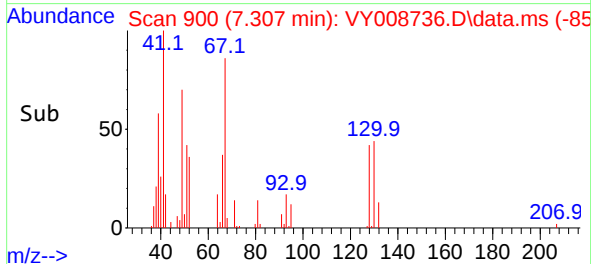
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1409
Ion Ratio Lower Upper
41 100
39 89.6 97.1 145.7
67 0.0 0.0 0.0
52 0.0 0.0 0.0

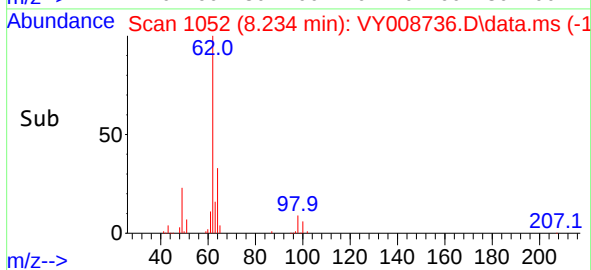
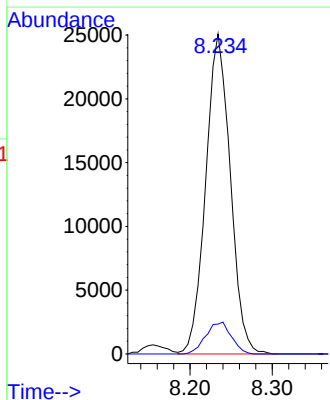
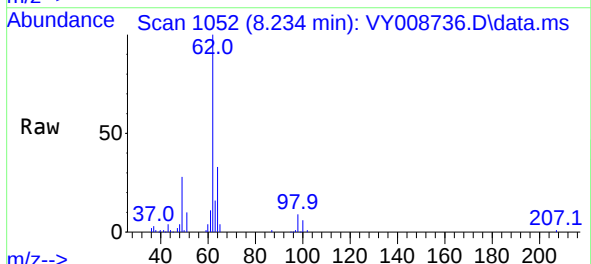
Manual Integrations
APPROVED

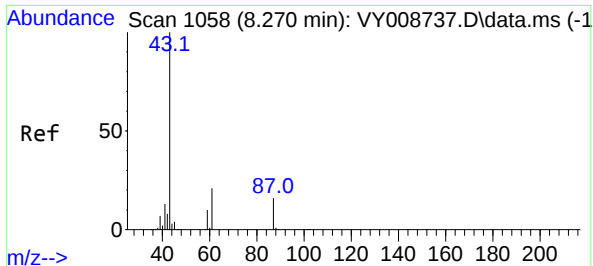
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 22.346 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 62 Resp: 52097
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6





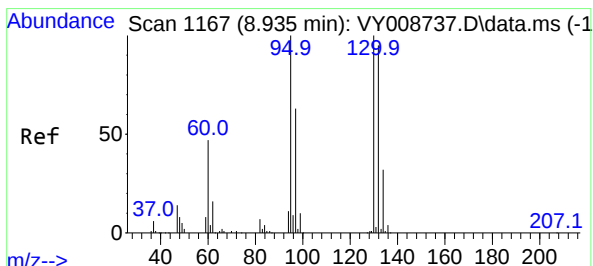
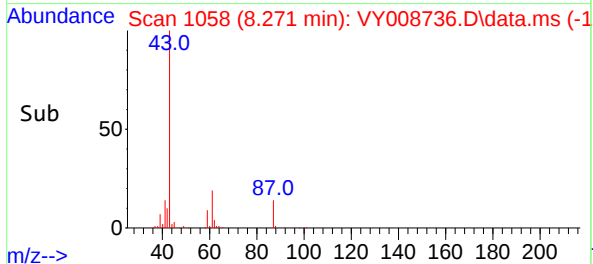
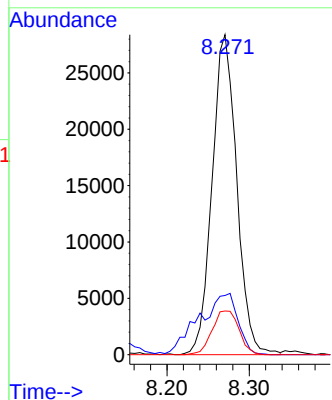
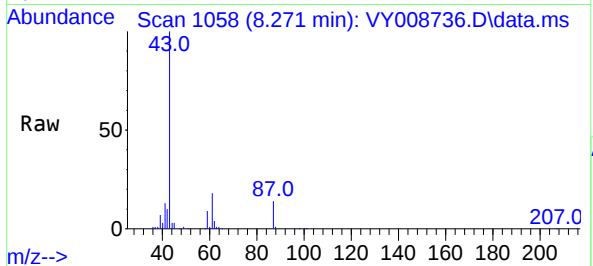
#43
Isopropyl Acetate
Concen: 22.274 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 5913
Ion Ratio Lower Upper
43 100
61 30.4 24.6 36.8
87 14.9 11.8 17.8

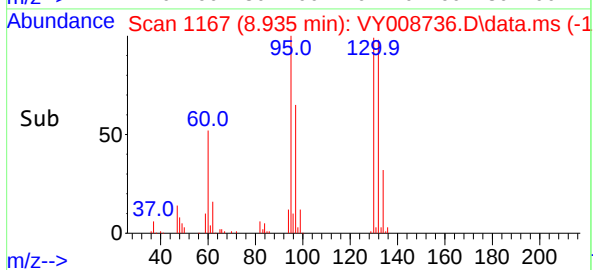
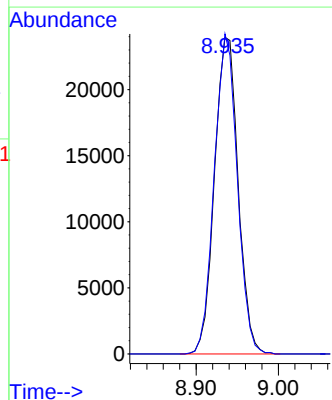
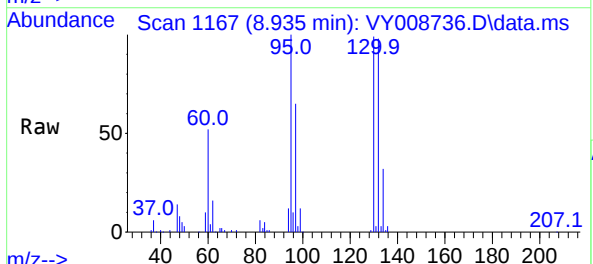
Manual Integrations
APPROVED

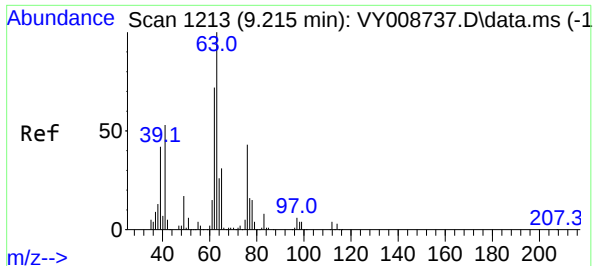
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 20.010 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:130 Resp: 47782
Ion Ratio Lower Upper
130 100
95 101.0 0.0 199.2





#45

1,2-Dichloropropane

Concen: 22.136 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 4361

Ion Ratio Lower Upper

63 100

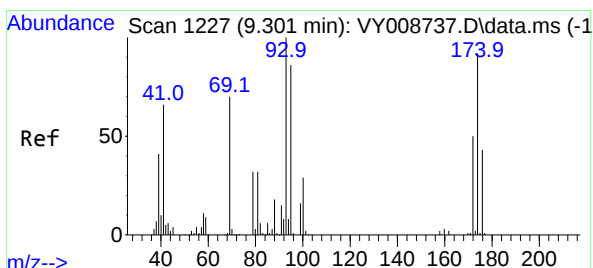
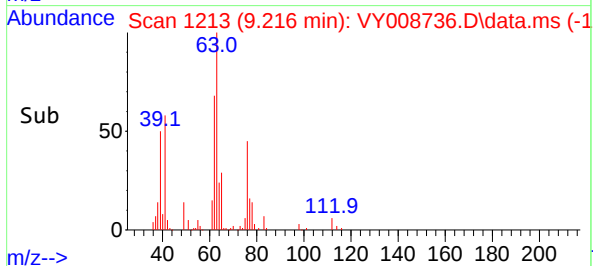
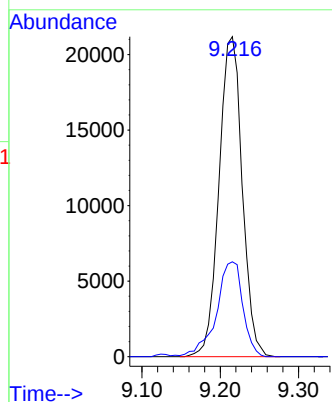
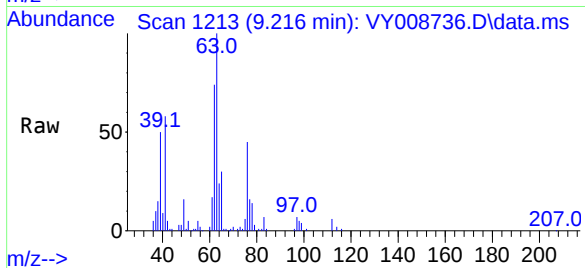
65 29.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 20.925 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

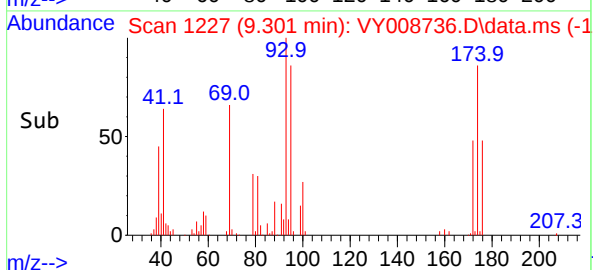
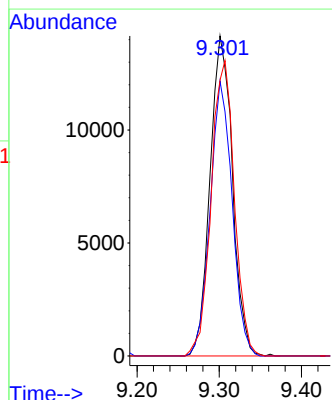
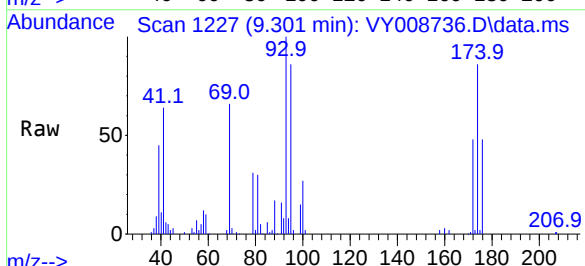
Tgt Ion: 93 Resp: 26805

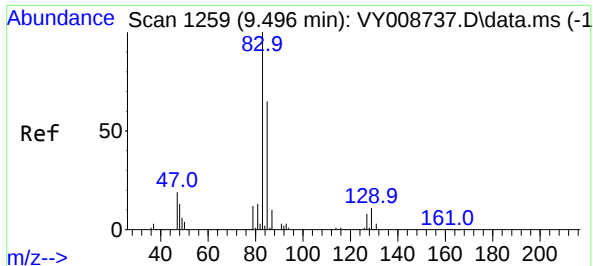
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

174 95.4 74.2 111.2





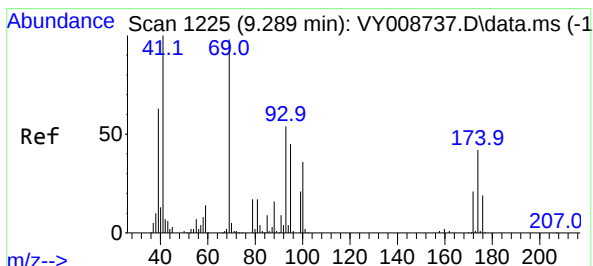
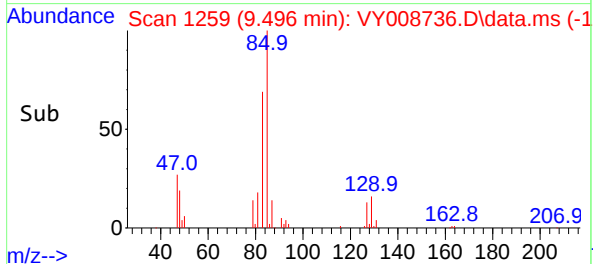
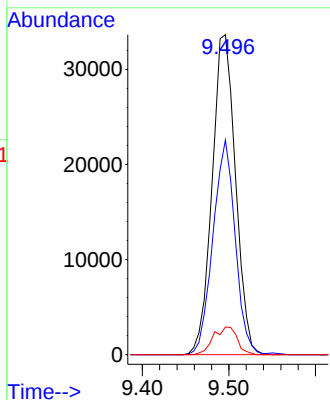
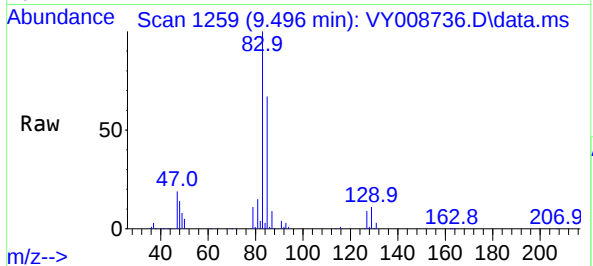
#47
Bromodichloromethane
Concen: 21.478 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 6326
Ion Ratio Lower Upper
83 100
85 67.1 52.2 78.4
127 8.7 6.8 10.2

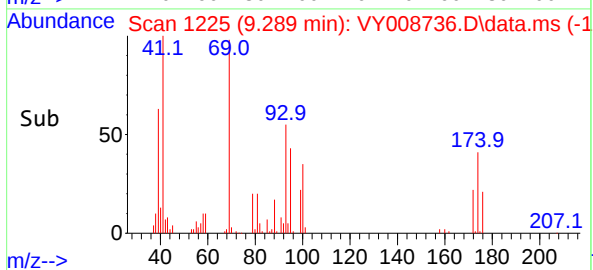
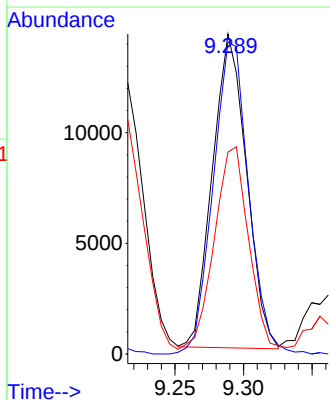
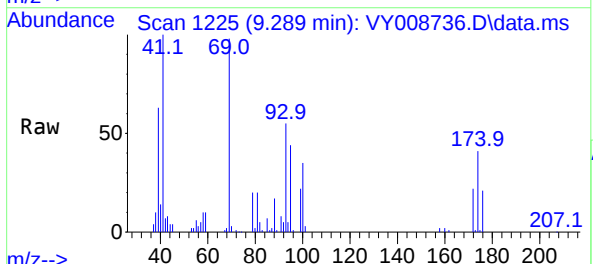
Manual Integrations
APPROVED

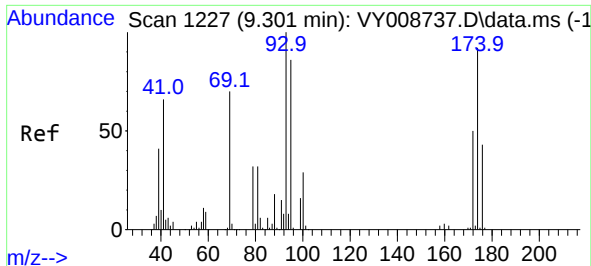
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#48
Methyl methacrylate
Concen: 20.975 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

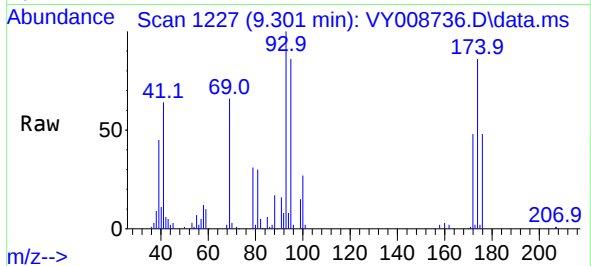
Tgt Ion: 41 Resp: 24464
Ion Ratio Lower Upper
41 100
69 103.8 79.4 119.0
39 65.7 49.8 74.6





#49
1,4-Dioxane
Concen: 414.558 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

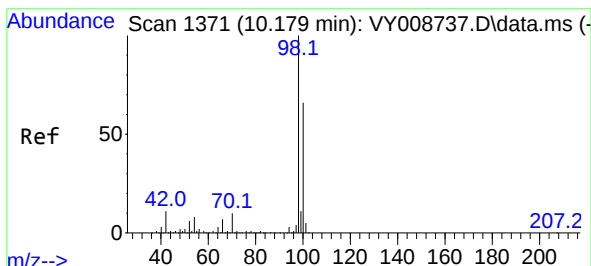
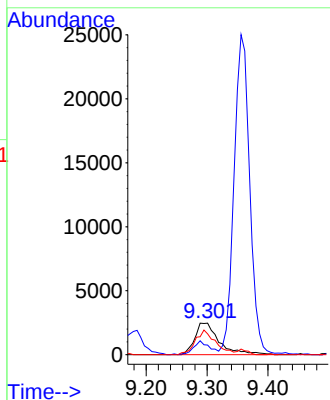
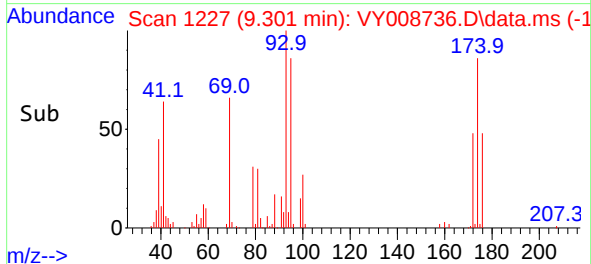
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 6870
Ion Ratio Lower Upper
88 100
43 29.2 24.2 36.2
58 64.6 45.7 68.5

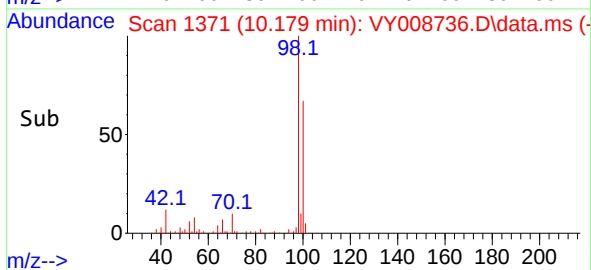
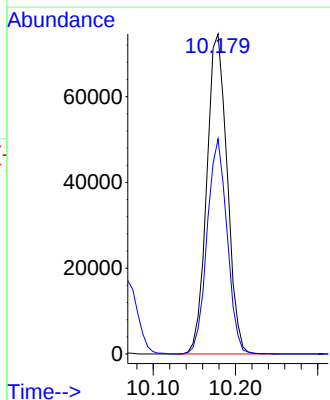
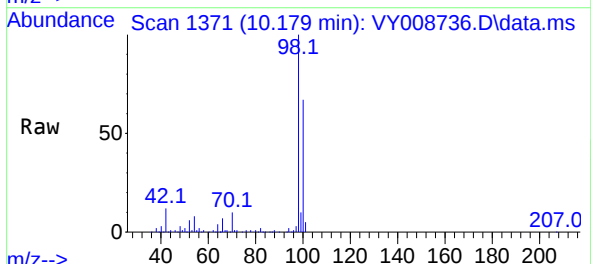
Manual Integrations
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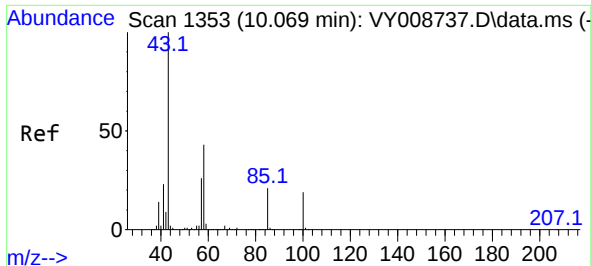
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
Toluene-d8
Concen: 18.481 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 98 Resp: 128359
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2





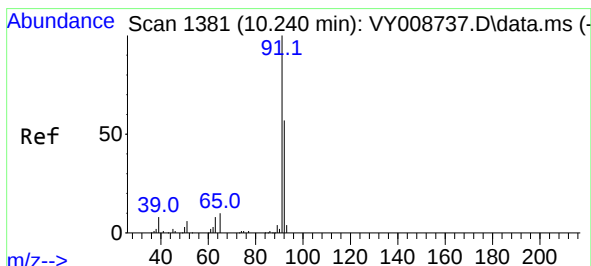
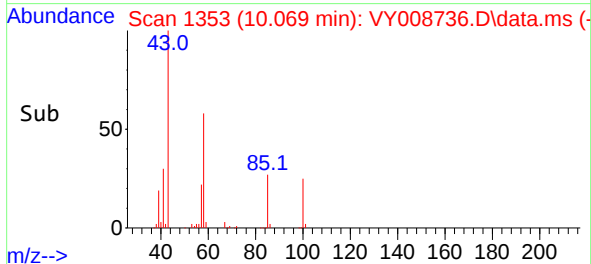
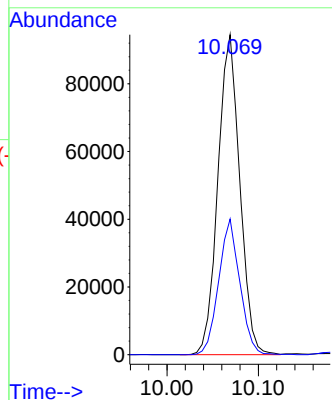
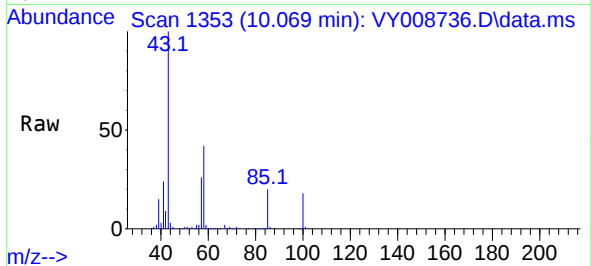
#51
4-Methyl-2-Pentanone
Concen: 117.043 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 15720
Ion Ratio Lower Upper
43 100
58 41.0 33.6 50.4

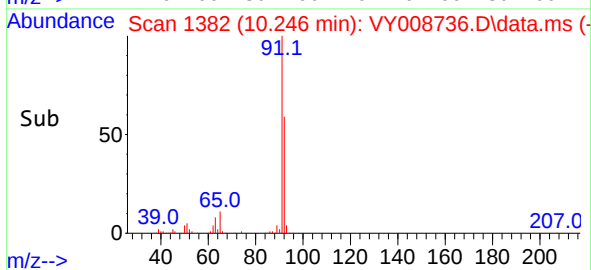
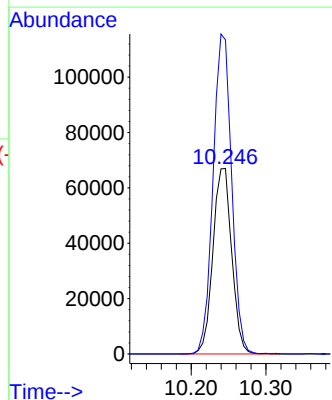
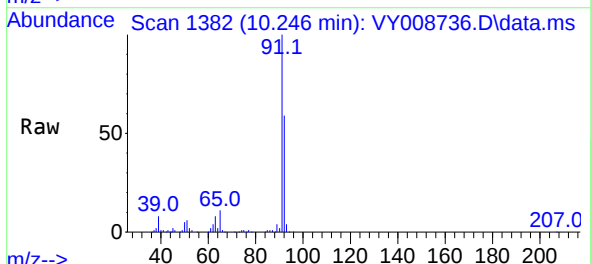
Manual Integrations
APPROVED

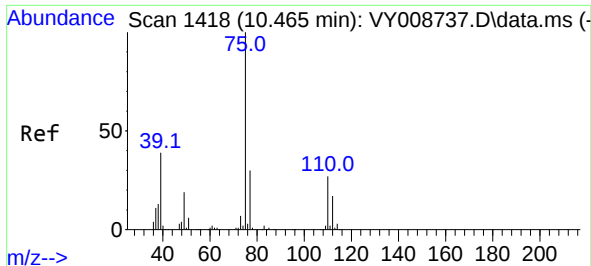
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Toluene
Concen: 21.391 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 92 Resp: 117033
Ion Ratio Lower Upper
92 100
91 170.3 137.6 206.4





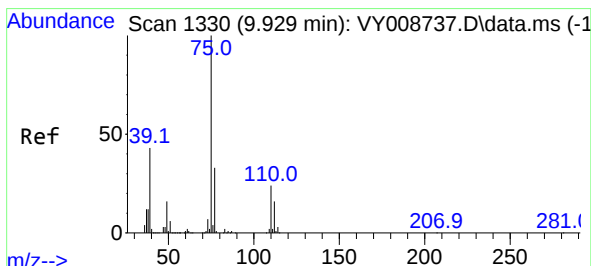
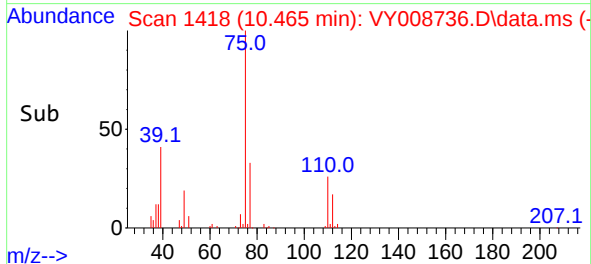
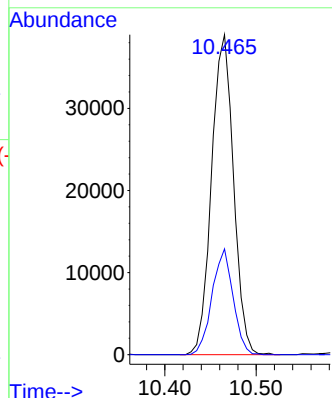
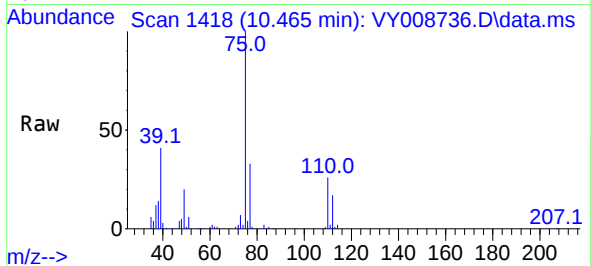
#53
t-1,3-Dichloropropene
Concen: 21.542 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 64975
Ion Ratio Lower Upper
75 100
77 33.1 24.0 36.0

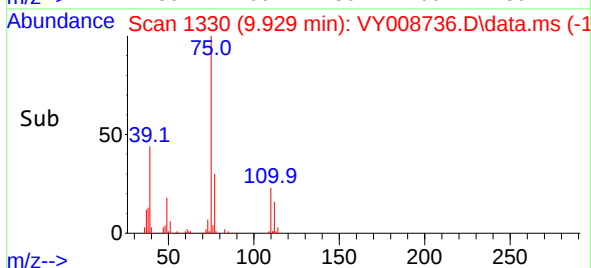
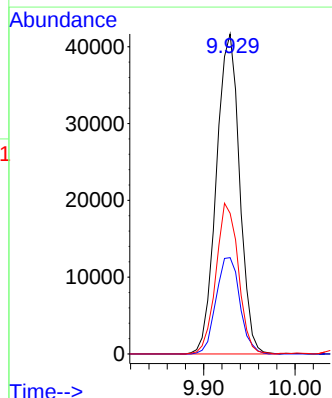
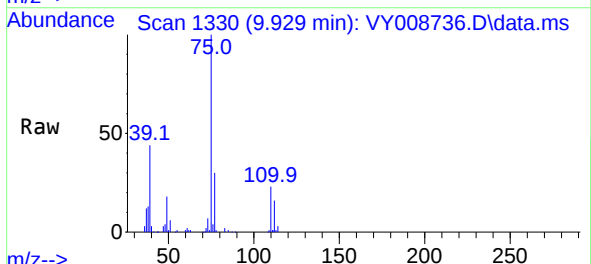
Manual Integrations
APPROVED

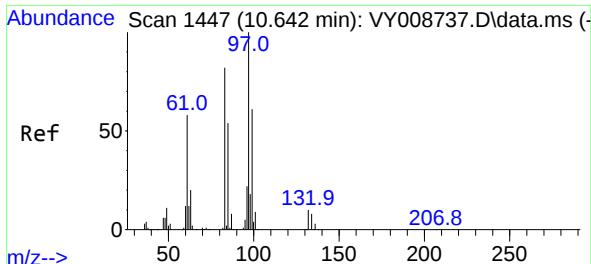
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#54
cis-1,3-Dichloropropene
Concen: 21.589 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 75 Resp: 73535
Ion Ratio Lower Upper
75 100
77 30.1 26.2 39.2
39 44.0 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 21.253 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 37500

Ion Ratio Lower Upper

97 100

83 81.8 65.9 98.9

85 58.1 43.2 64.8

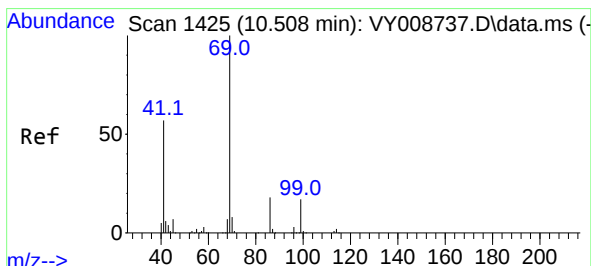
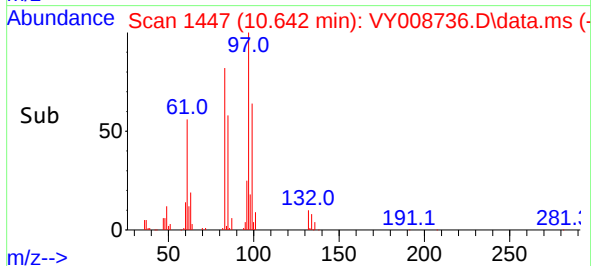
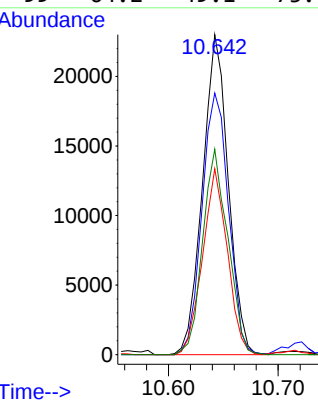
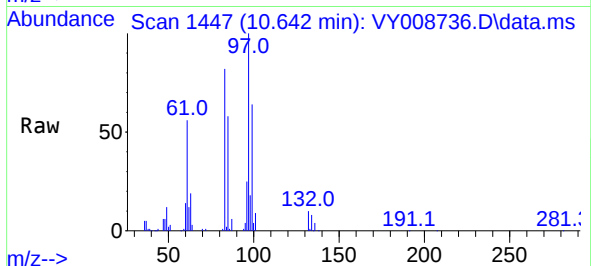
99 64.2 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#56

Ethyl methacrylate

Concen: 20.620 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008736.D

Acq: 12 May 2022 16:13

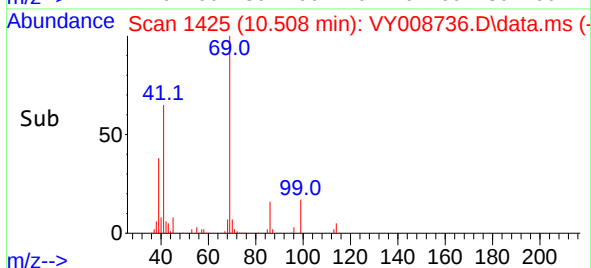
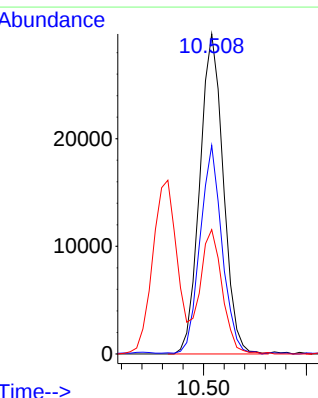
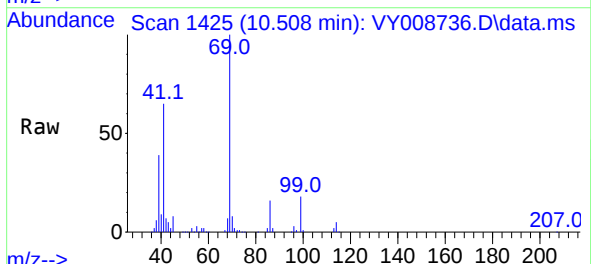
Tgt Ion: 69 Resp: 47130

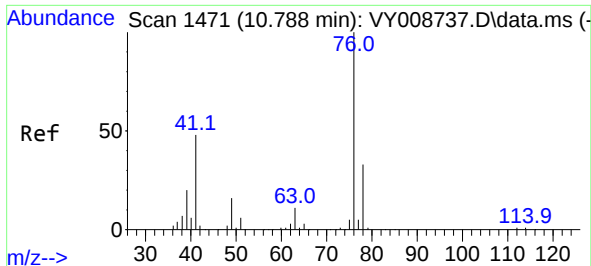
Ion Ratio Lower Upper

69 100

41 61.2 45.5 68.3

39 37.3 26.6 39.8





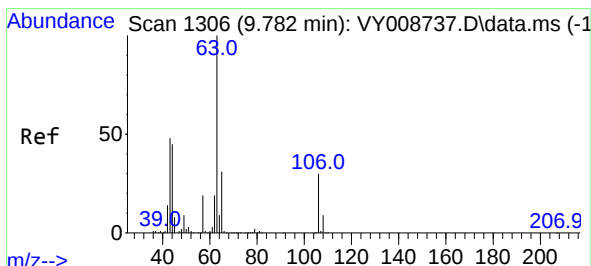
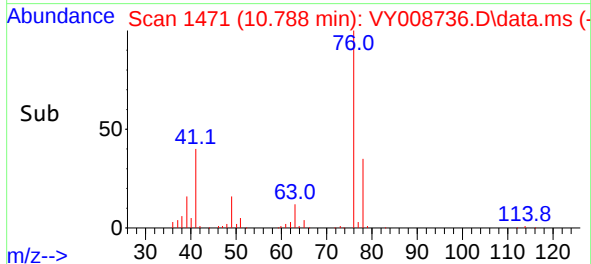
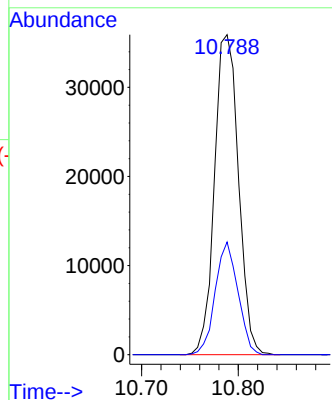
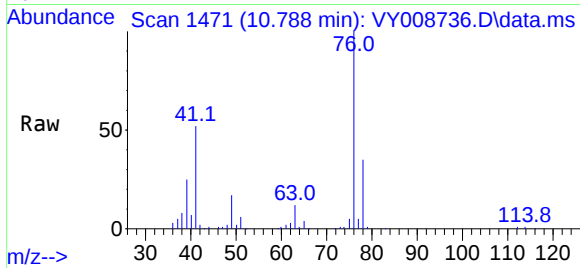
#57
1,3-Dichloropropane
Concen: 21.315 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 61800
Ion Ratio Lower Upper
76 100
78 33.3 25.8 38.6

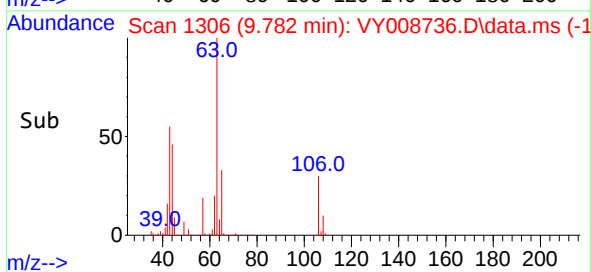
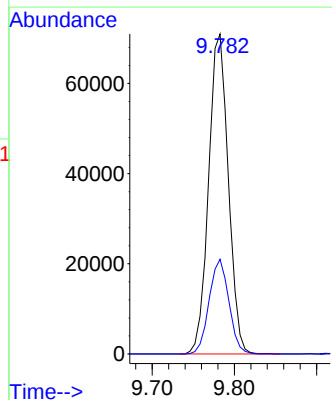
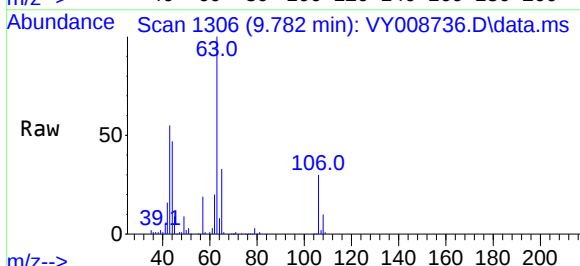
Manual Integrations
APPROVED

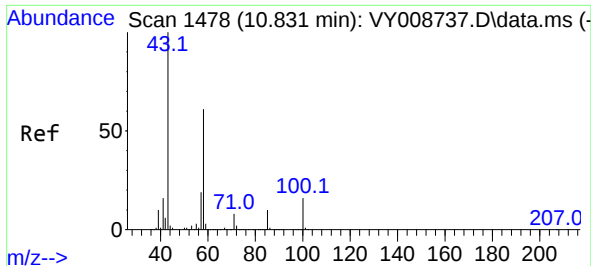
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 116.838 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 63 Resp: 117976
Ion Ratio Lower Upper
63 100
106 29.7 23.5 35.3





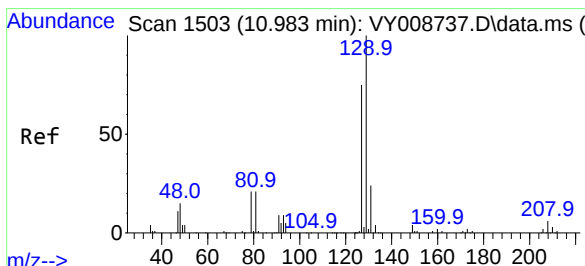
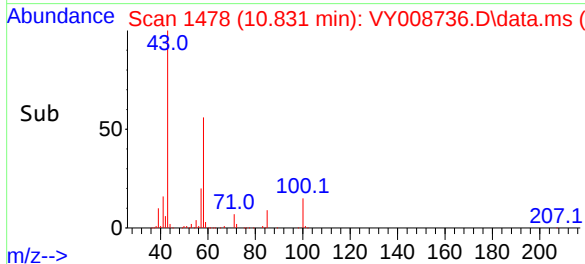
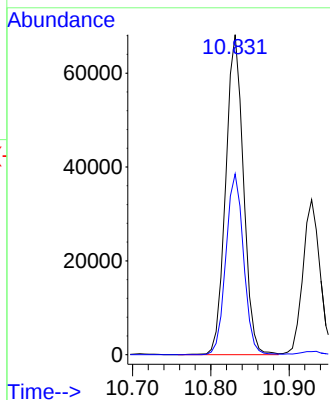
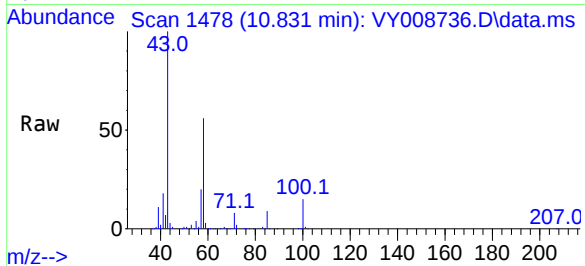
#59
2-Hexanone
Concen: 115.021 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 107400
Ion Ratio Lower Upper
43 100
58 56.2 29.6 88.8

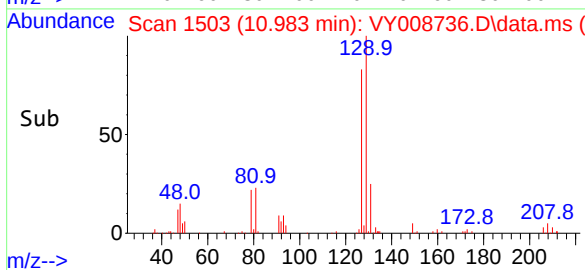
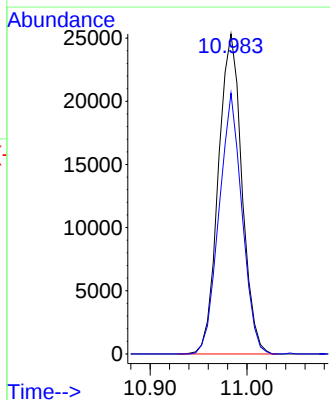
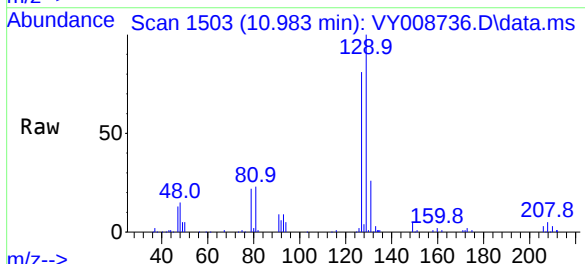
Manual Integrations
APPROVED

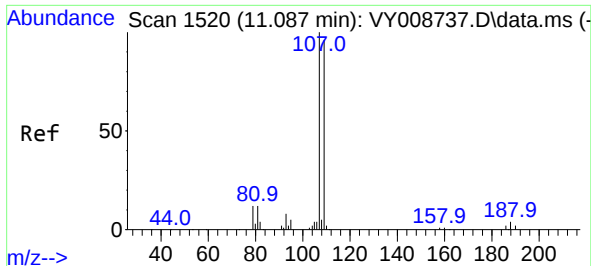
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#60
Dibromochloromethane
Concen: 19.944 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:129 Resp: 42761
Ion Ratio Lower Upper
129 100
127 79.5 39.0 116.9





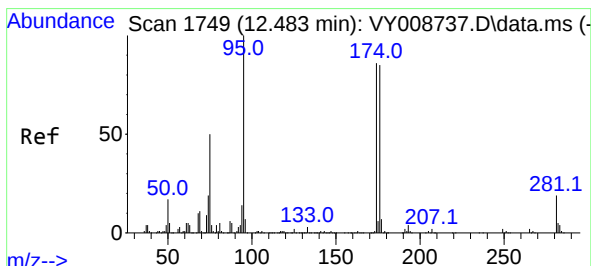
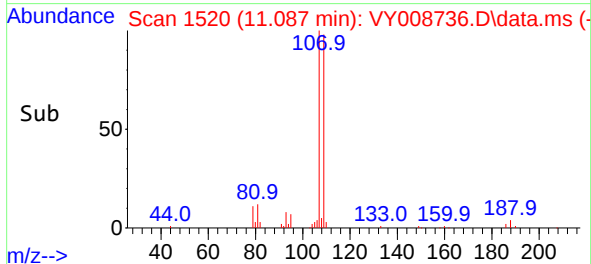
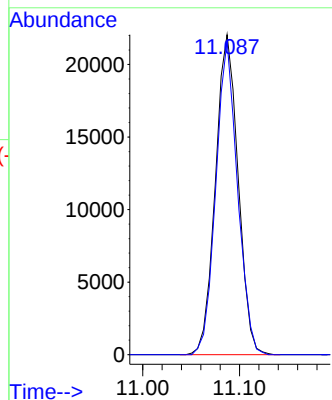
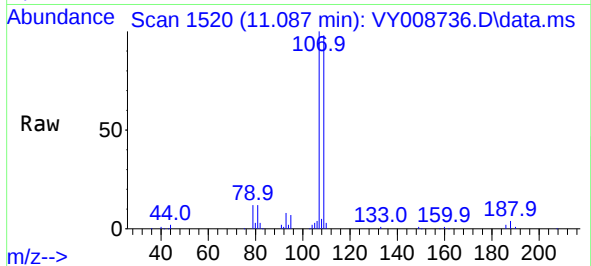
#61
1,2-Dibromoethane
Concen: 20.611 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 35790
Ion Ratio Lower Upper
107 100
109 93.5 78.2 117.4

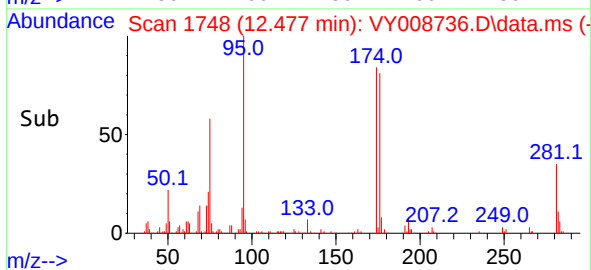
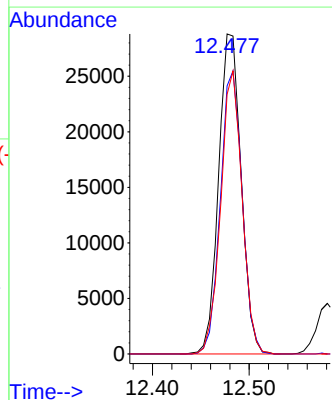
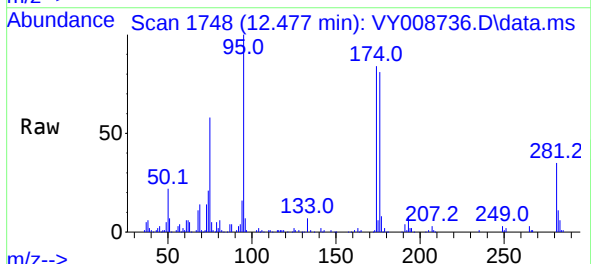
Manual Integrations
APPROVED

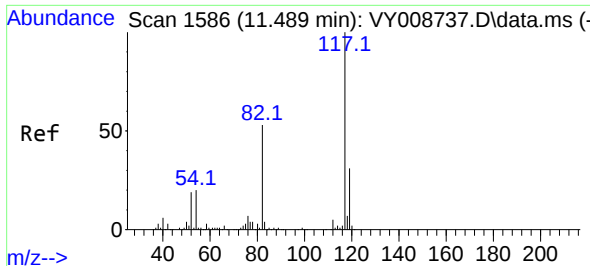
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
4-Bromofluorobenzene
Concen: 19.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

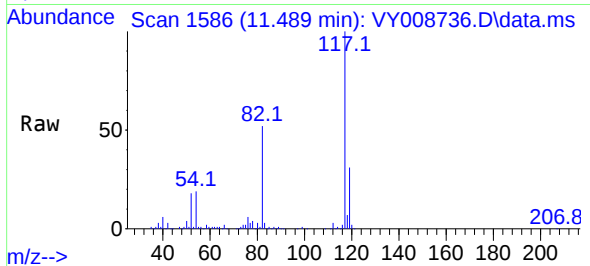
Tgt Ion: 95 Resp: 46539
Ion Ratio Lower Upper
95 100
174 85.4 0.0 171.2
176 83.9 0.0 168.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

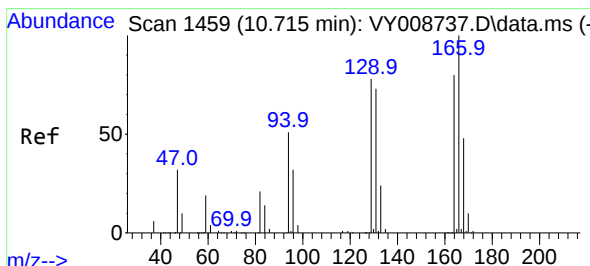
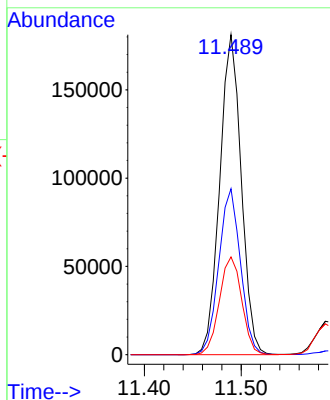
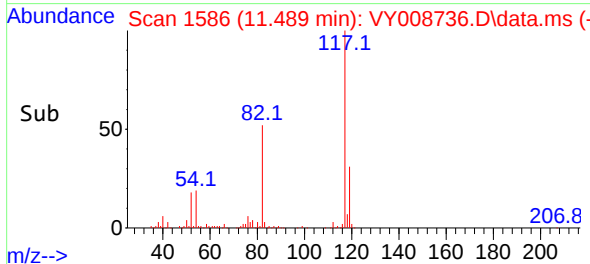
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



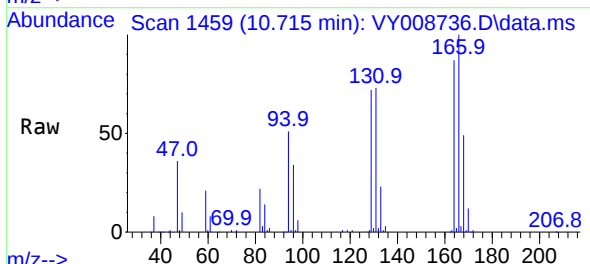
Tgt Ion:117 Resp: 279952
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 30.5 24.6 37.0

Manual Integrations
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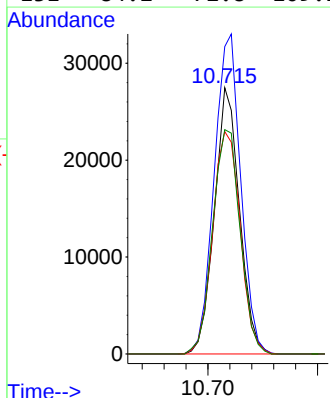
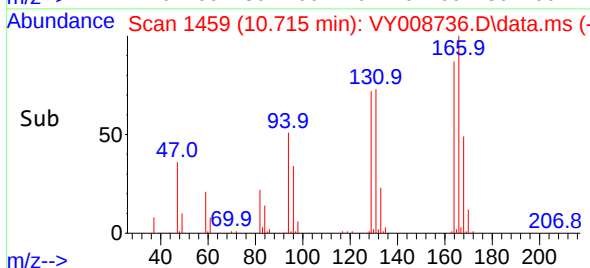
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

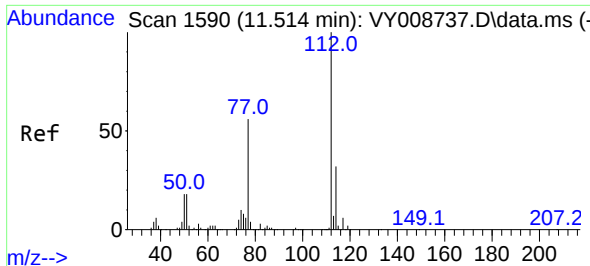


#64
Tetrachloroethene
Concen: 20.702 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13



Tgt Ion:164 Resp: 43638
Ion Ratio Lower Upper
164 100
166 115.5 99.8 149.6
129 83.6 78.1 117.1
131 84.2 72.8 109.2





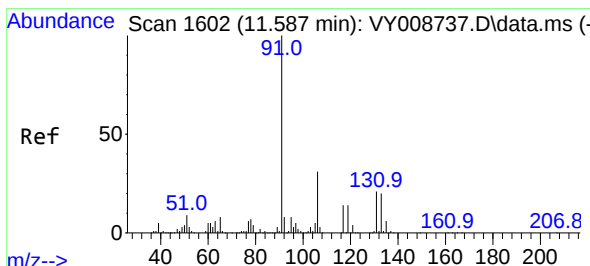
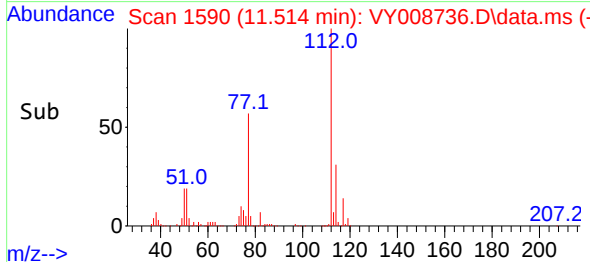
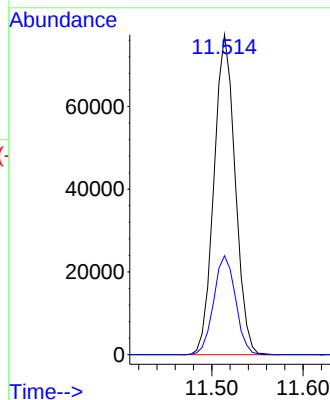
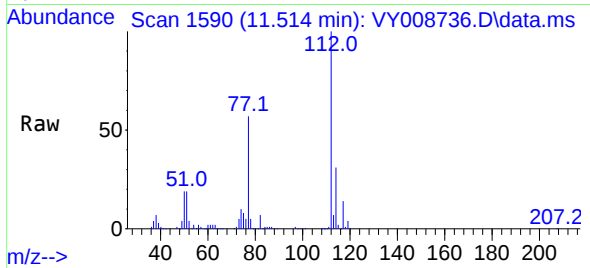
#65
Chlorobenzene
Concen: 20.279 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 124568
Ion Ratio Lower Upper
112 100
114 30.9 25.9 38.9

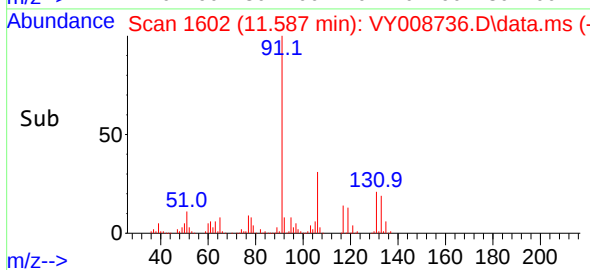
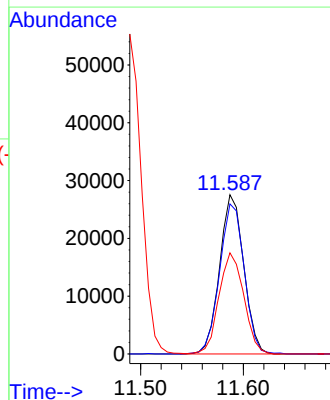
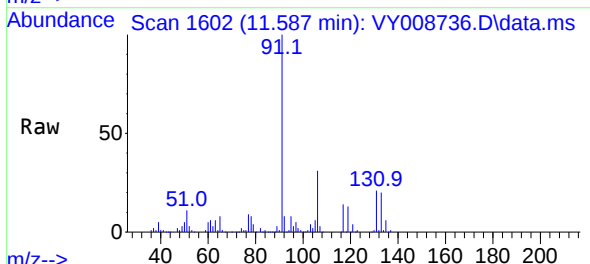
Manual Integrations
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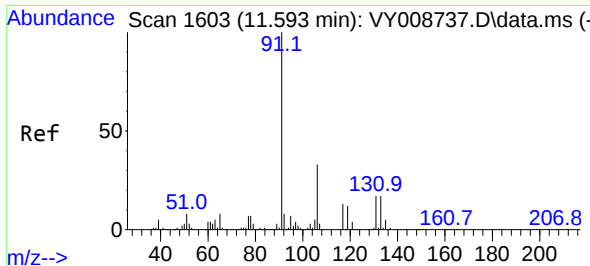
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.758 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

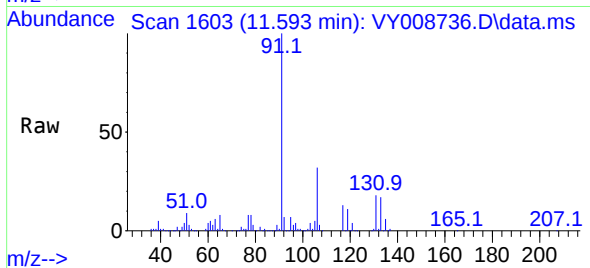
Tgt Ion:131 Resp: 44840
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 65.5 33.1 99.3





#67
Ethyl Benzene
Concen: 20.320 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

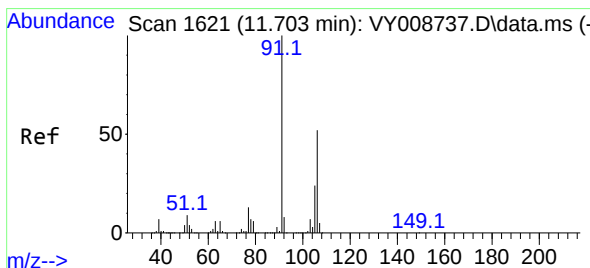
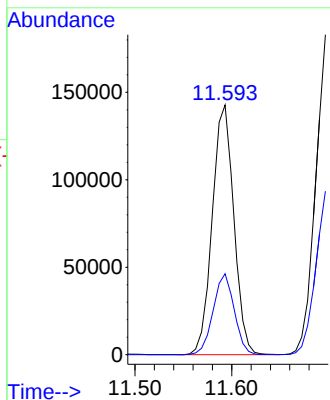
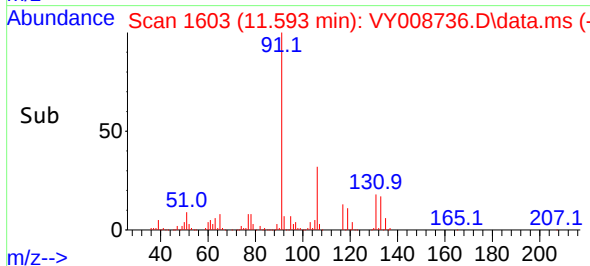
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



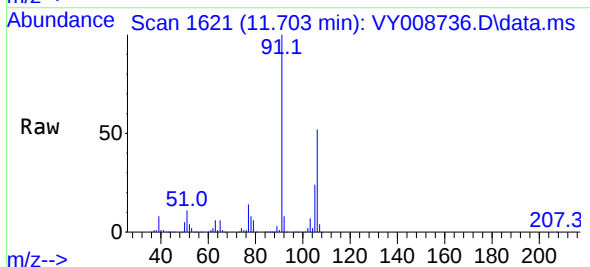
Tgt Ion: 91 Resp: 220980
Ion Ratio Lower Upper
91 100
106 32.4 26.3 39.5

Manual Integrations
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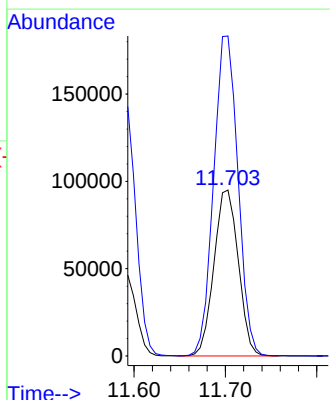
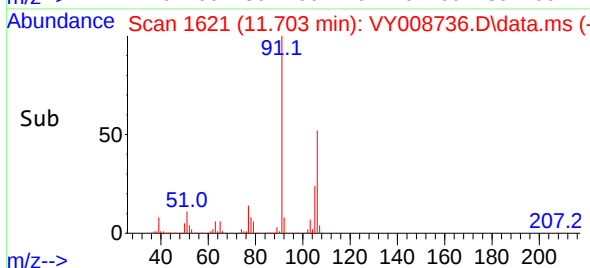
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

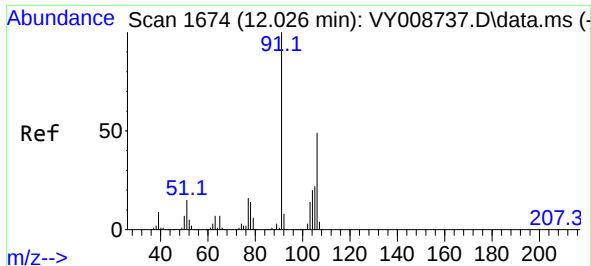


#68
m/p-Xylenes
Concen: 40.673 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13



Tgt Ion:106 Resp: 176049
Ion Ratio Lower Upper
106 100
91 192.8 156.4 234.6





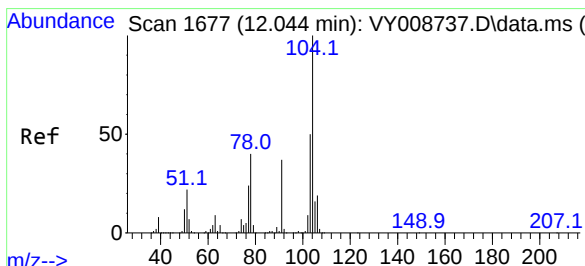
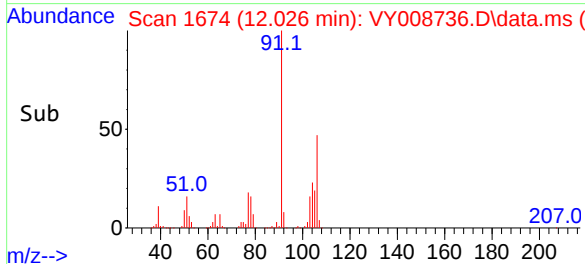
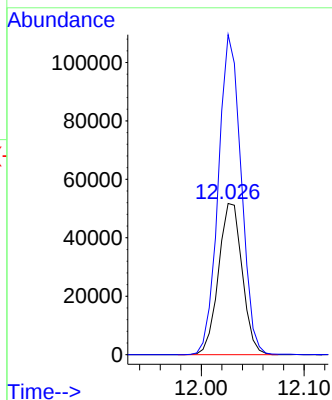
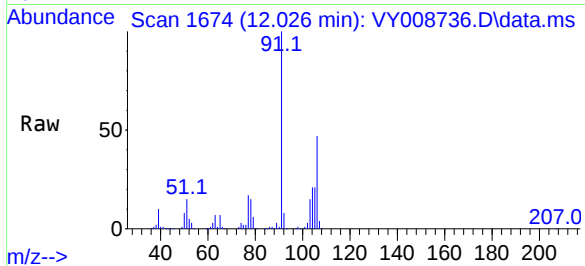
#69
o-Xylene
Concen: 20.100 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 82848
Ion Ratio Lower Upper
106 100
91 204.1 102.7 308.1

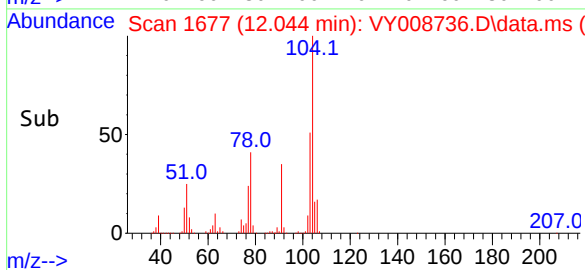
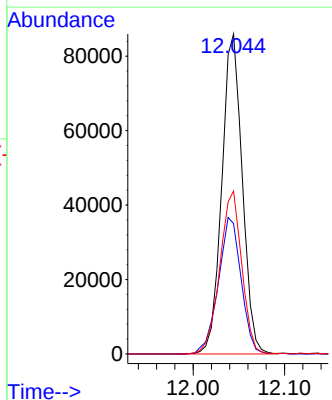
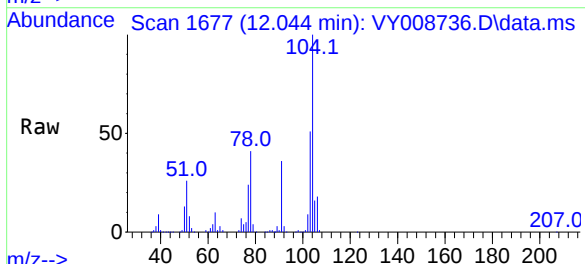
Manual Integrations
APPROVED

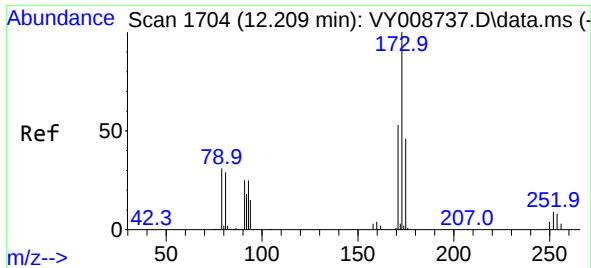
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 19.688 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:104 Resp: 133835
Ion Ratio Lower Upper
104 100
78 47.5 35.9 53.9
103 54.8 43.1 64.7





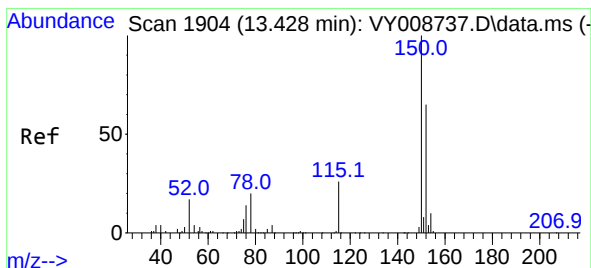
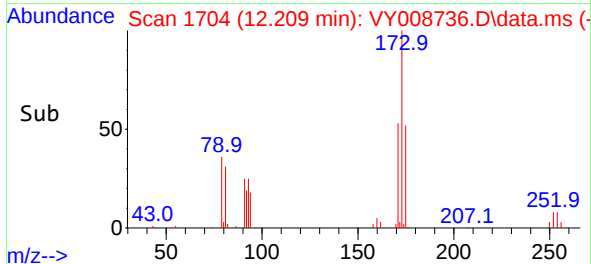
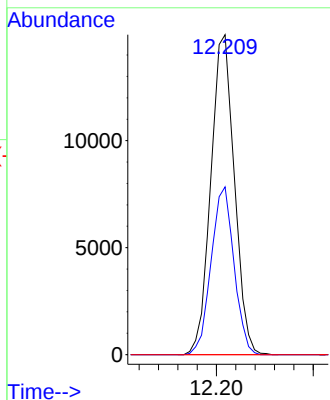
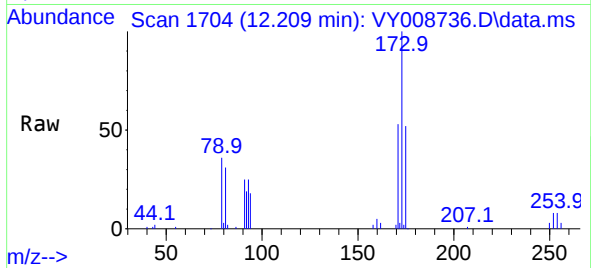
#71
Bromoform
Concen: 18.660 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 25210
Ion Ratio Lower Upper
173 100
175 50.9 24.0 72.0
254 0.0 0.0 0.0

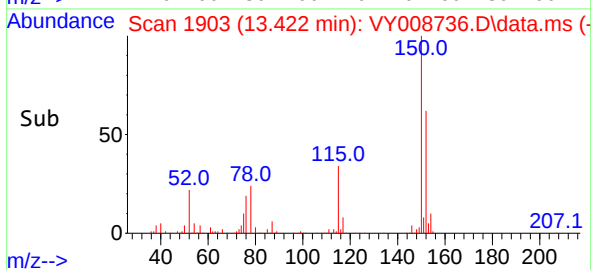
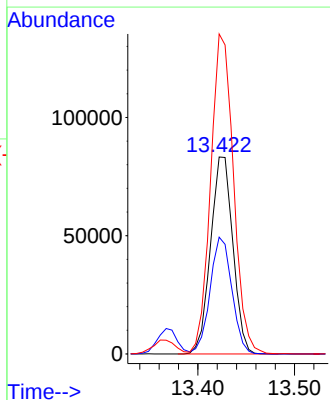
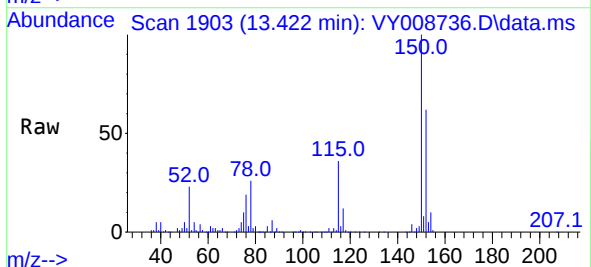
Manual Integrations
APPROVED

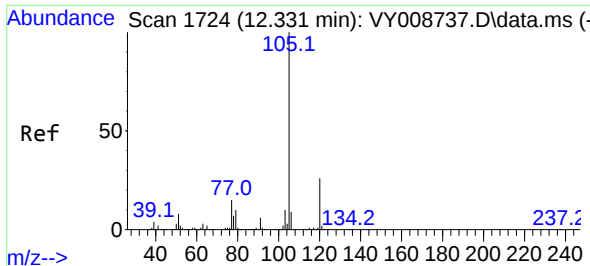
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:152 Resp: 133451
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 166.6 0.0 348.2





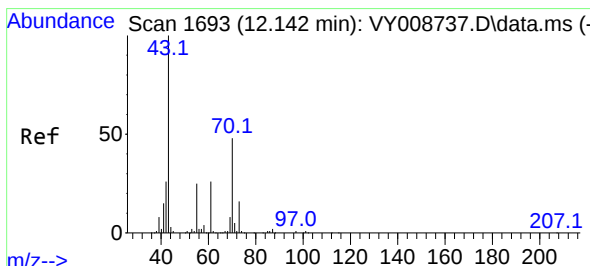
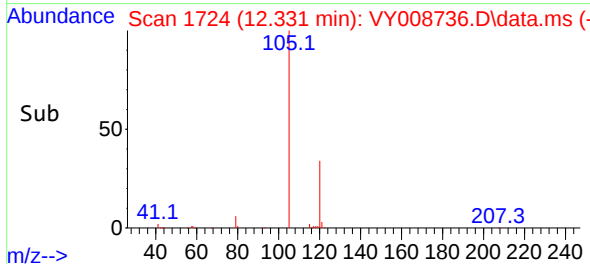
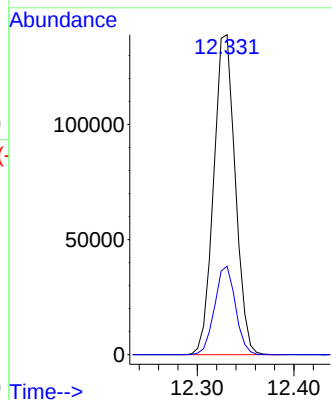
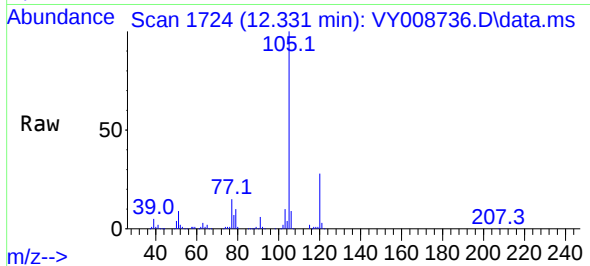
#73
Isopropylbenzene
Concen: 20.048 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 21536
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

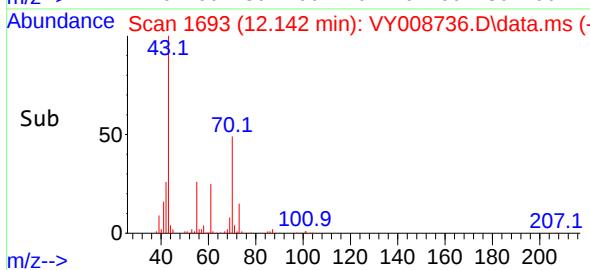
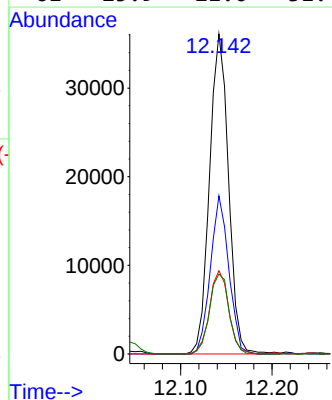
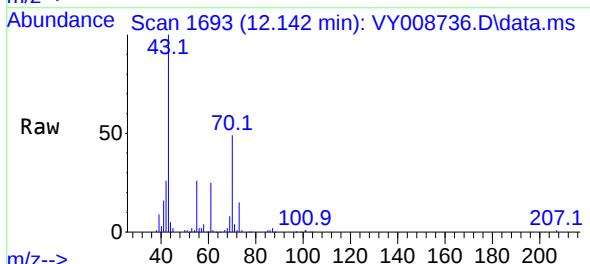
Manual Integrations
APPROVED

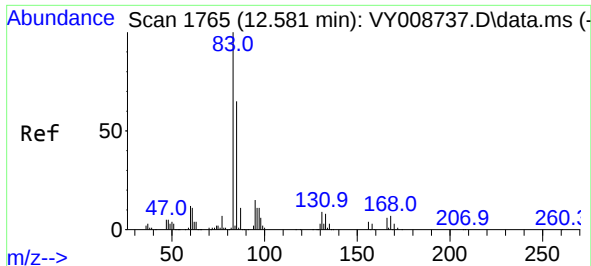
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#74
N-ethyl acetate
Concen: 21.988 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 43 Resp: 52027
Ion Ratio Lower Upper
43 100
70 47.8 39.0 58.4
55 26.1 20.2 30.4
61 25.9 21.0 31.4





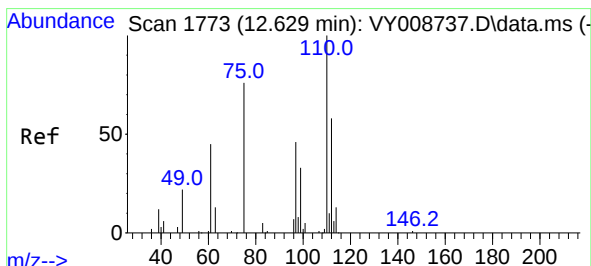
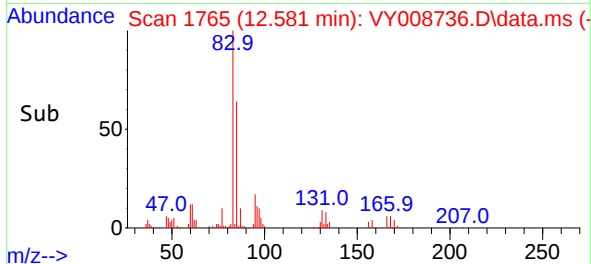
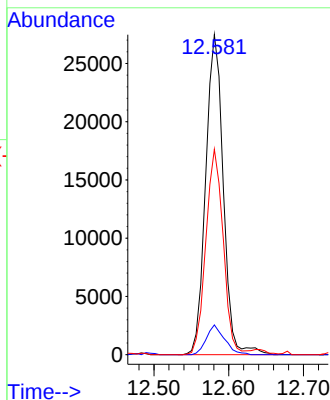
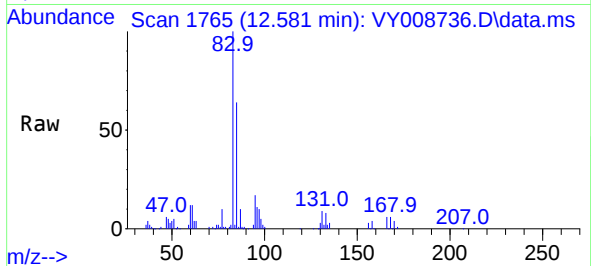
#75
1,1,2,2-Tetrachloroethane
Concen: 21.831 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 4504
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.3 32.2 96.6

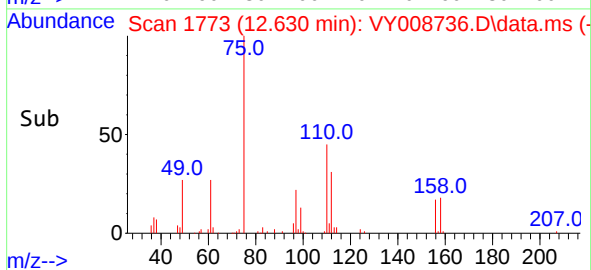
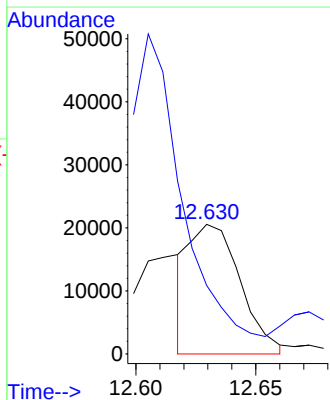
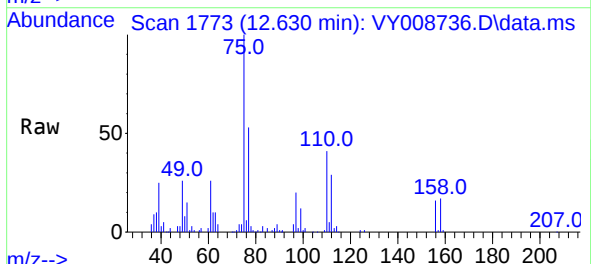
Manual Integrations
APPROVED

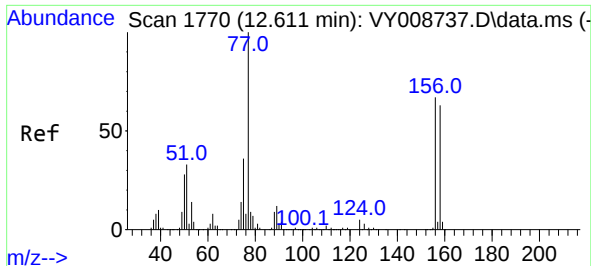
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#76
1,2,3-Trichloropropane
Concen: 19.344 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 75 Resp: 30420
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





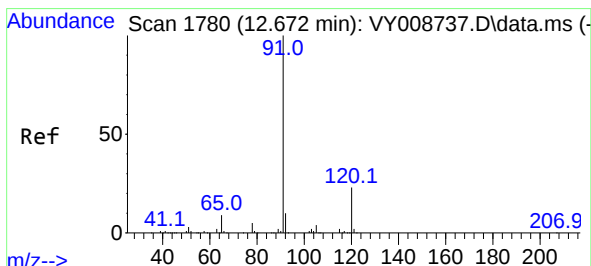
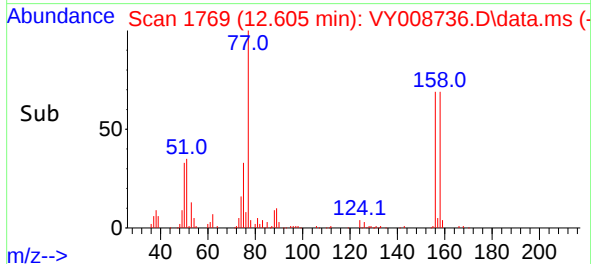
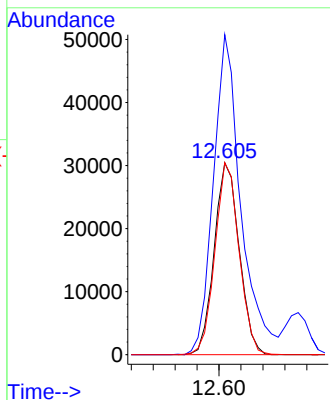
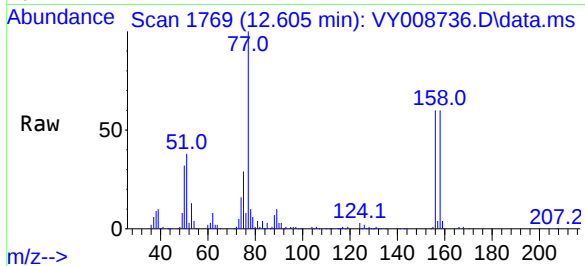
#77
Bromobenzene
Concen: 19.786 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 4813
Ion Ratio Lower Upper
156 100
77 184.2 91.1 273.3
158 96.7 48.2 144.6

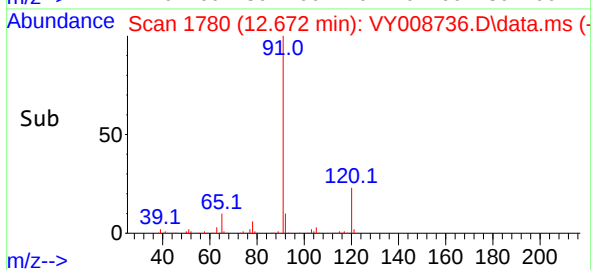
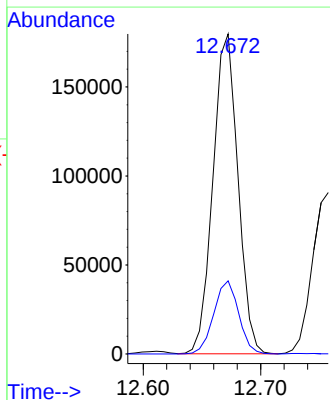
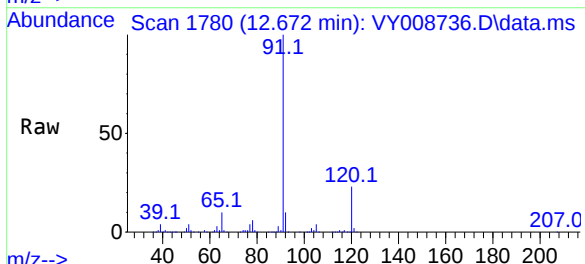
Manual Integrations
APPROVED

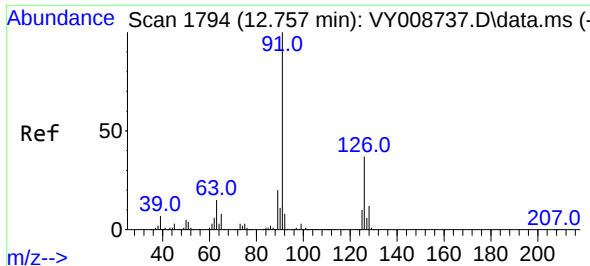
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#78
n-propylbenzene
Concen: 20.837 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion: 91 Resp: 265515
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8





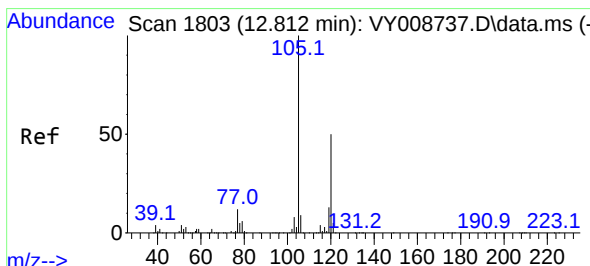
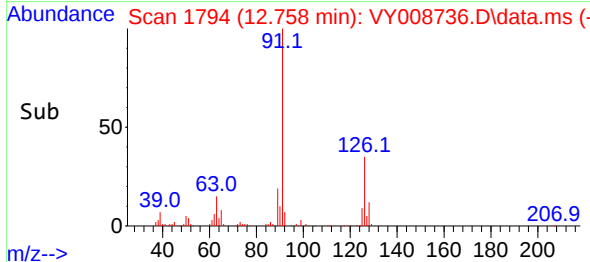
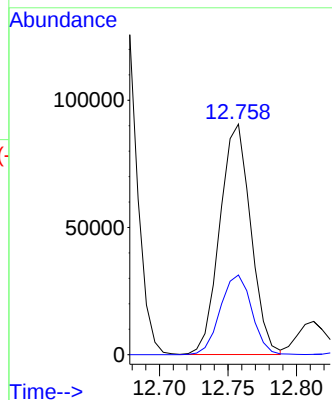
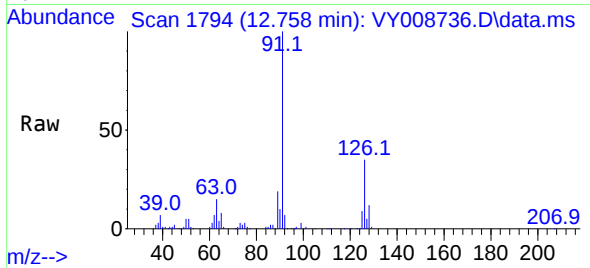
#79
2-Chlorotoluene
Concen: 20.315 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 14269
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.3

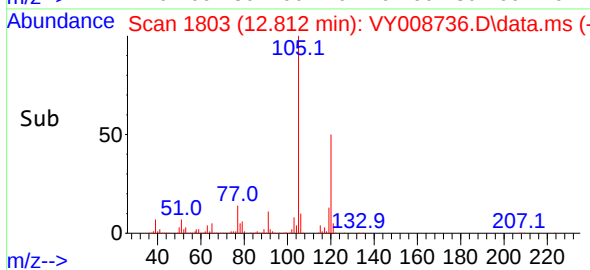
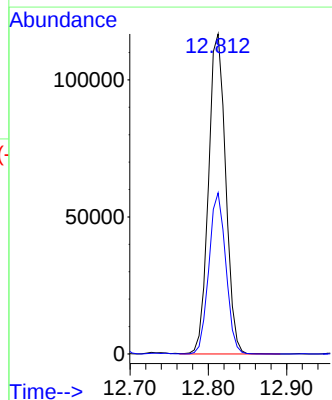
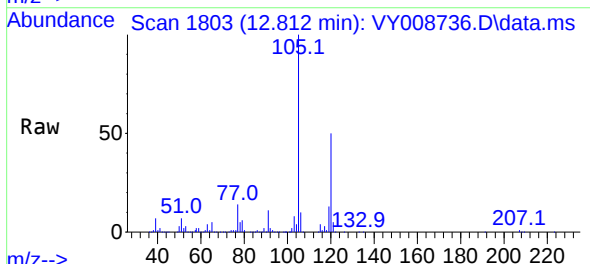
Manual Integrations
APPROVED

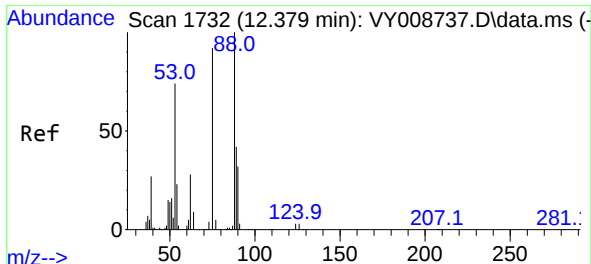
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.050 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

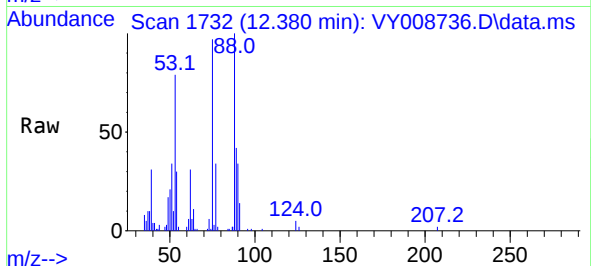
Tgt Ion:105 Resp: 177055
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.889 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

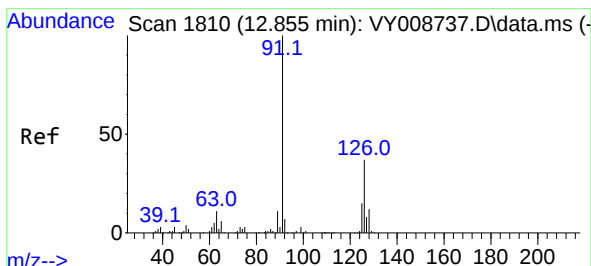
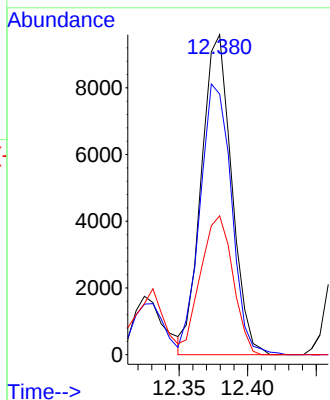
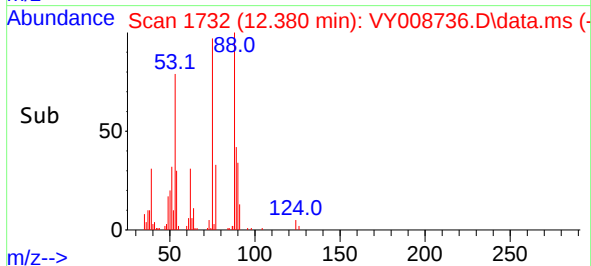
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



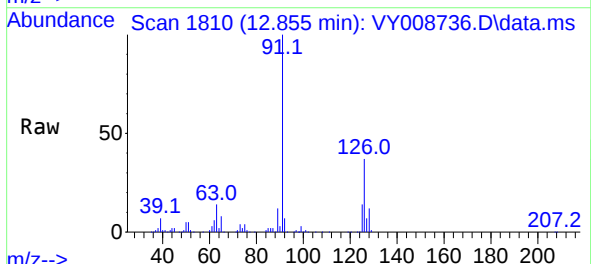
Tgt Ion: 75 Resp: 14729
Ion Ratio Lower Upper
75 100
53 87.9 66.3 99.5
89 46.5 36.8 55.2

Manual Integrations
APPROVED

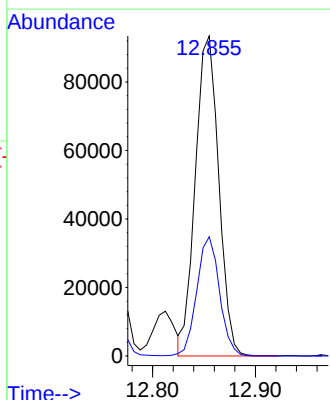
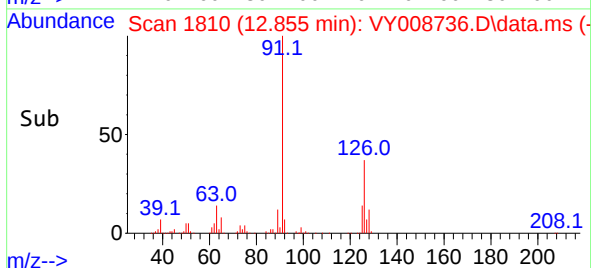
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

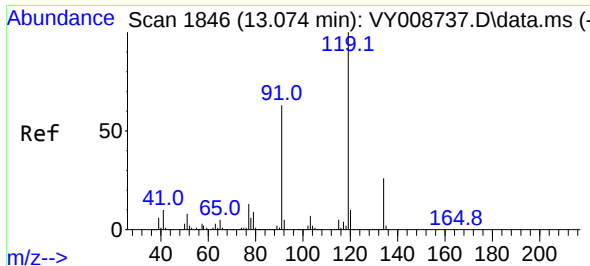


#82
4-Chlorotoluene
Concen: 20.375 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13



Tgt Ion: 91 Resp: 148060
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8





#83
tert-Butylbenzene
Concen: 19.719 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

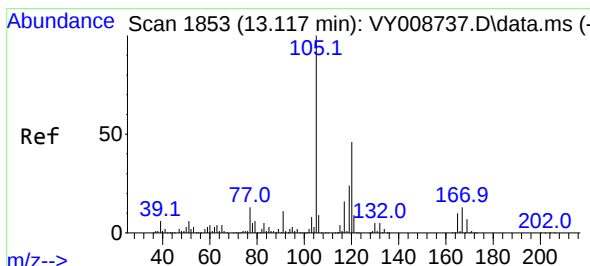
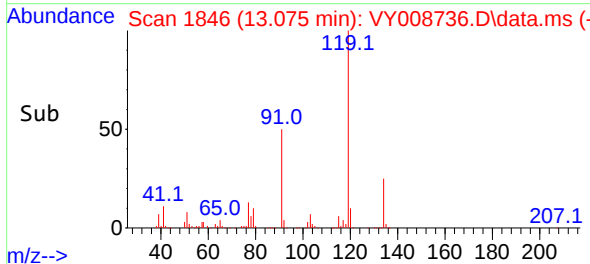
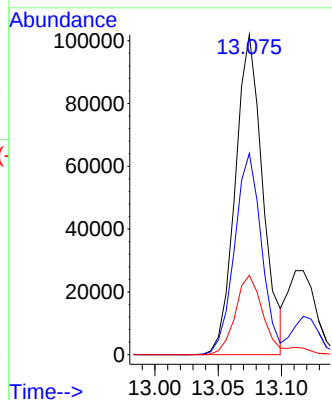
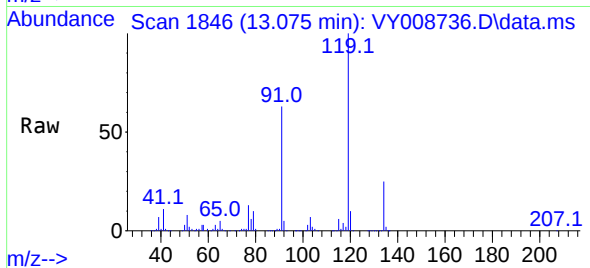
Tgt Ion:119 Resp: 15434
Ion Ratio Lower Upper
119 100
91 61.8 31.2 93.6
134 26.4 13.5 40.5

Manual Integrations

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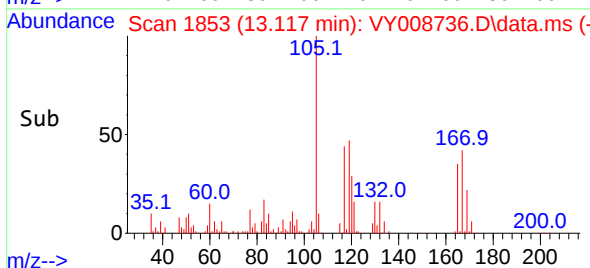
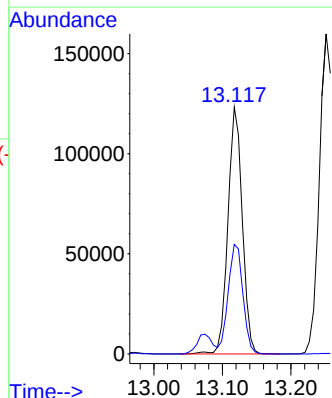
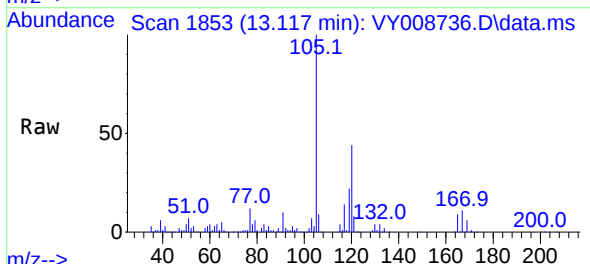
Reviewed By :John Carlone 05/13/2022

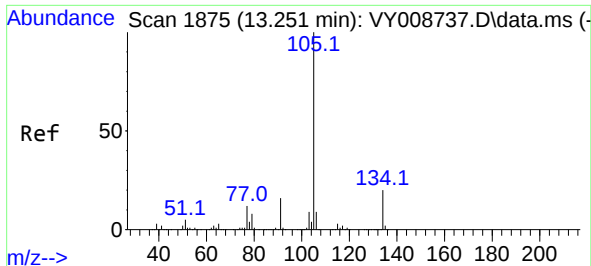
Supervised By :Mahesh Dadoda 05/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.649 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

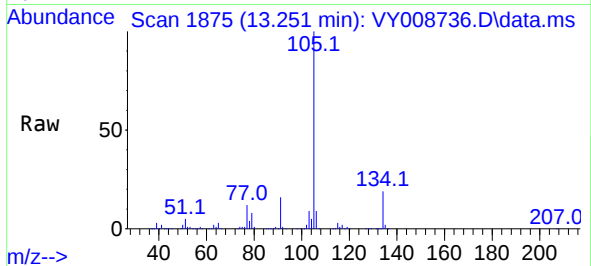
Tgt Ion:105 Resp: 178530
Ion Ratio Lower Upper
105 100
120 45.6 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 20.195 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008736.D
 Acq: 12 May 2022 16:13

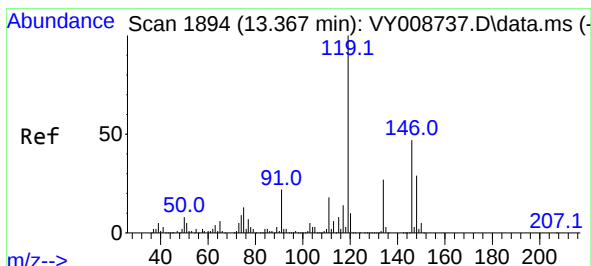
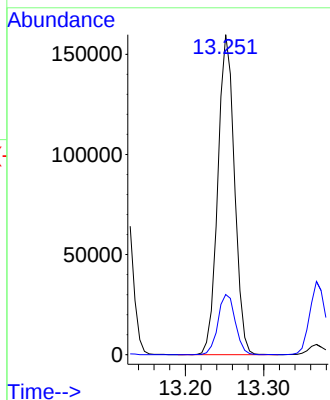
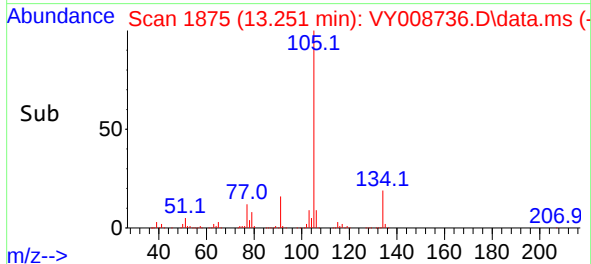
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



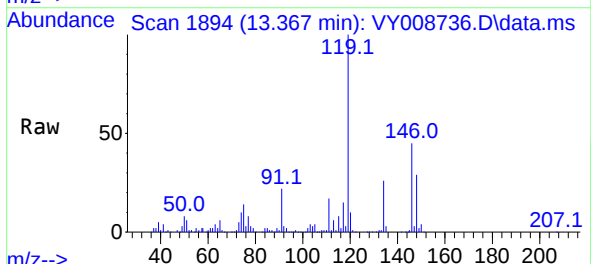
Tgt Ion:105 Resp: 23607
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

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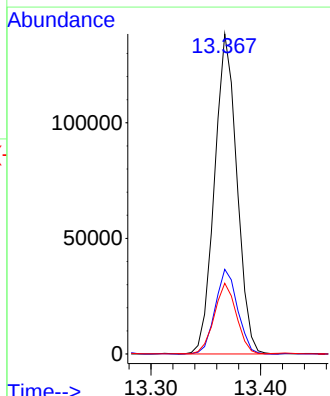
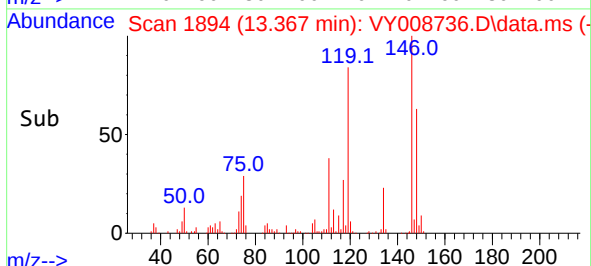
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/16/2022

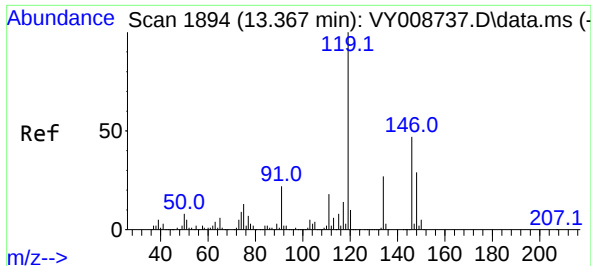


#86
 p-Isopropyltoluene
 Concen: 20.220 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008736.D
 Acq: 12 May 2022 16:13



Tgt Ion:119 Resp: 196409
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 21.8 11.1 33.3





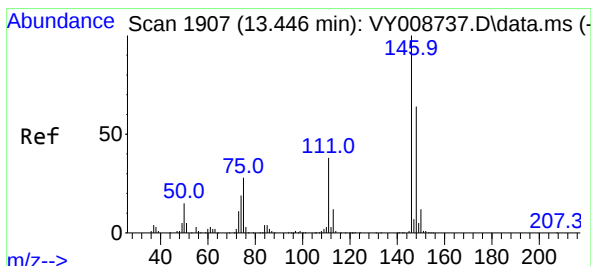
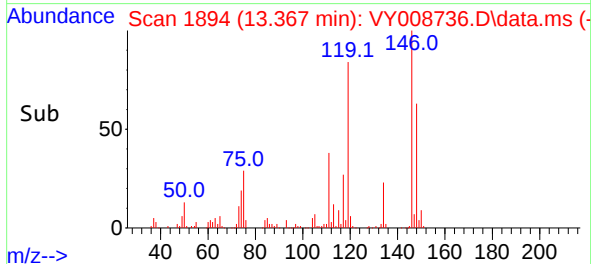
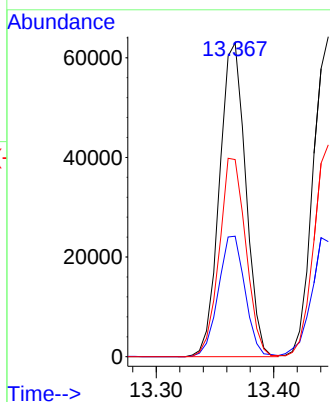
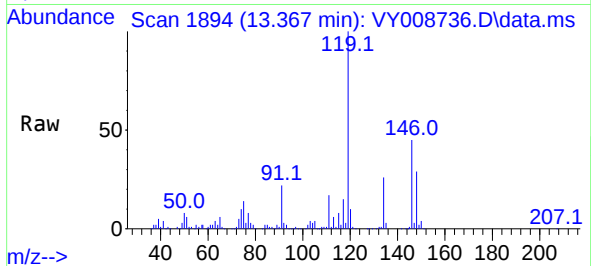
#87
1,3-Dichlorobenzene
Concen: 19.927 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 9764
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.9
148 64.5 31.4 94.2

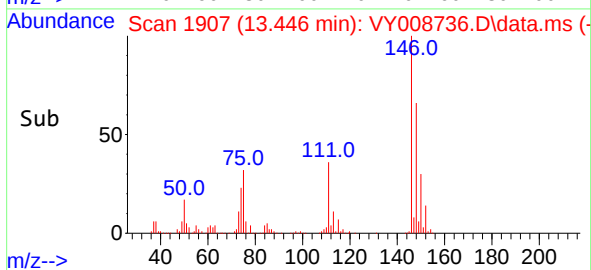
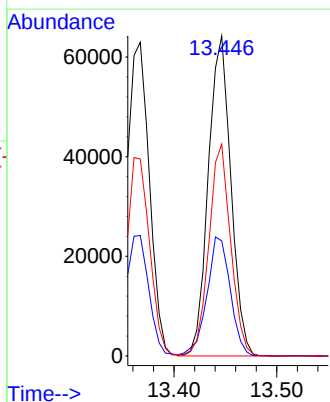
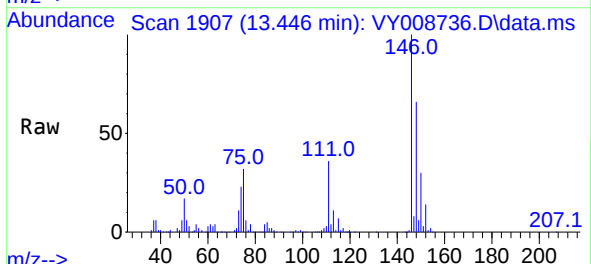
Manual Integrations
APPROVED

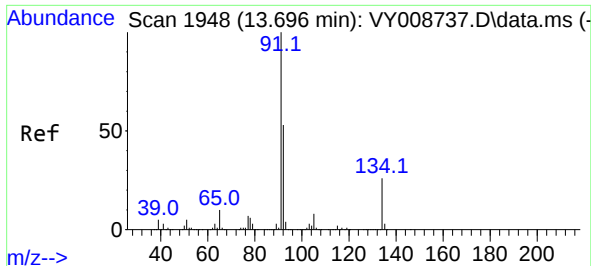
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#88
1,4-Dichlorobenzene
Concen: 20.090 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:146 Resp: 97872
Ion Ratio Lower Upper
146 100
111 38.6 19.0 57.0
148 63.8 32.0 96.0





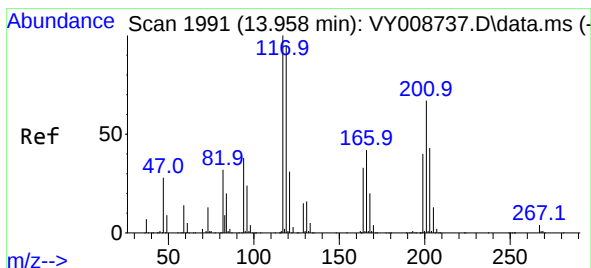
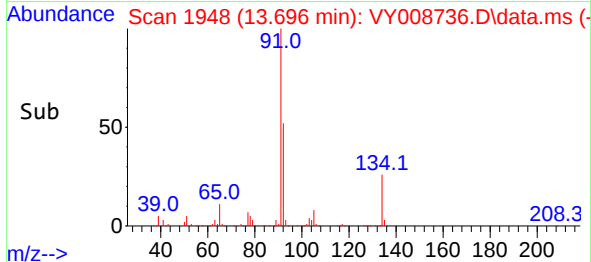
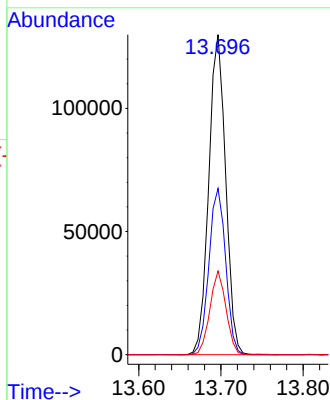
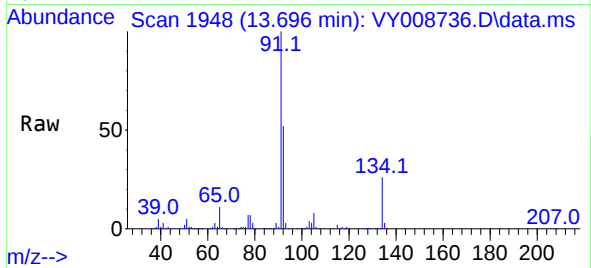
#89
n-Butylbenzene
Concen: 20.636 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 185304
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.2
134 24.9 13.2 39.6

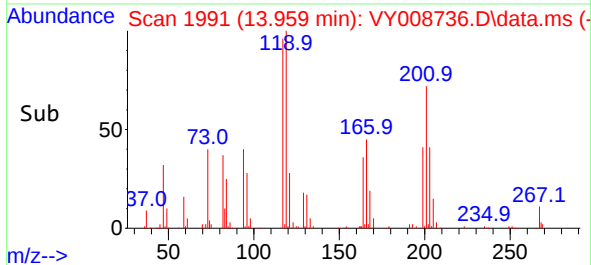
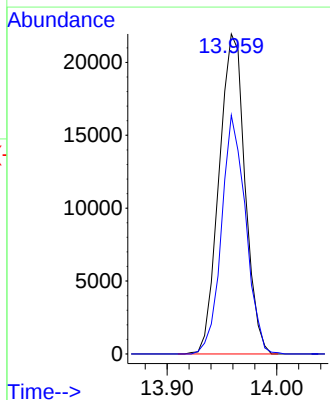
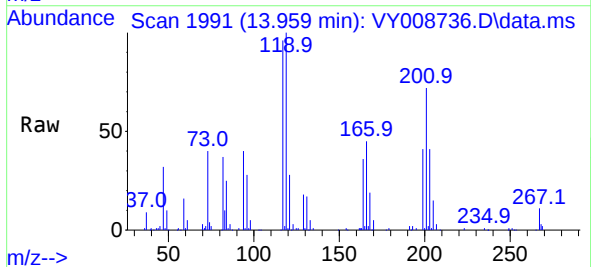
Manual Integrations
APPROVED

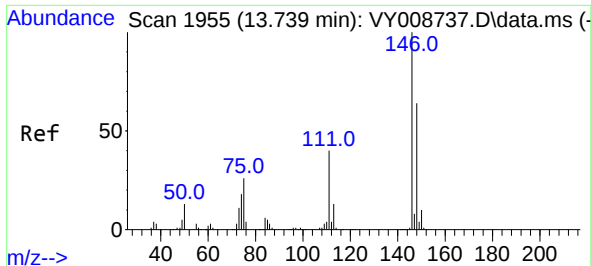
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#90
Hexachloroethane
Concen: 19.396 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:117 Resp: 36032
Ion Ratio Lower Upper
117 100
201 69.6 34.4 103.1





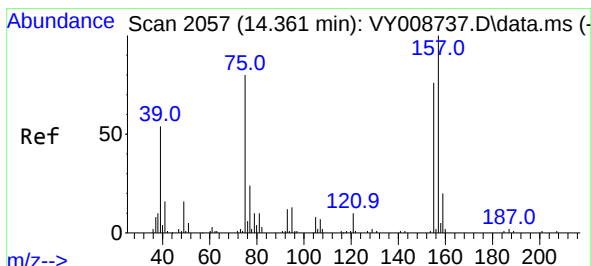
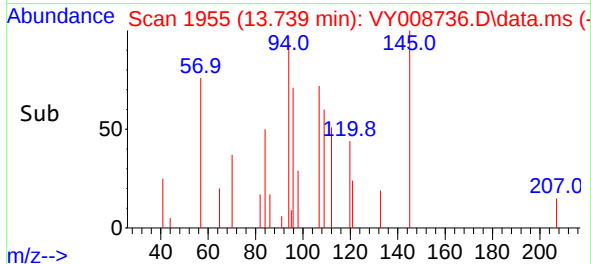
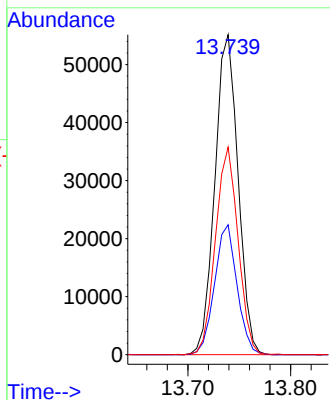
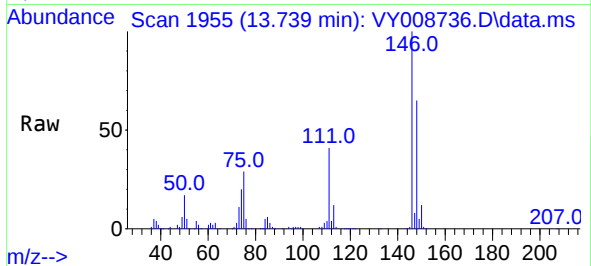
#91
1,2-Dichlorobenzene
Concen: 20.183 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 8642
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.8
148 63.3 31.6 94.8

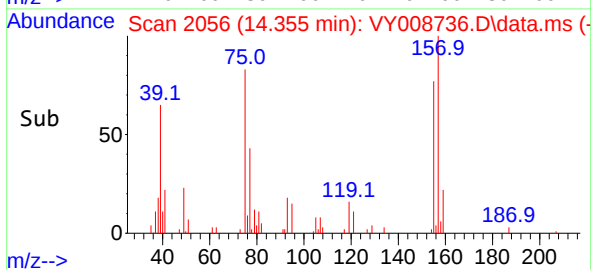
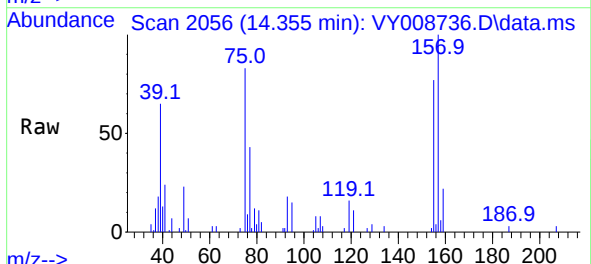
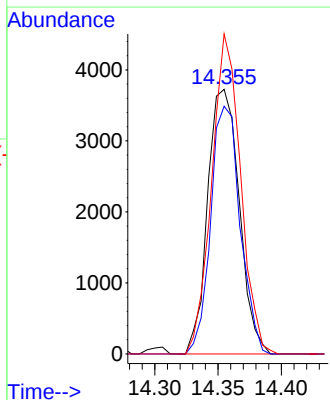
Manual Integrations
APPROVED

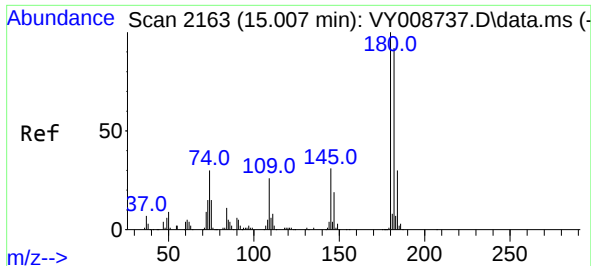
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.886 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

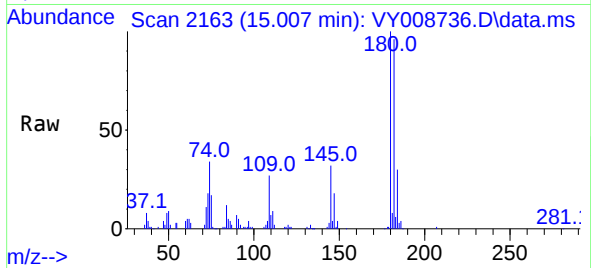
Tgt Ion: 75 Resp: 6466
Ion Ratio Lower Upper
75 100
155 87.3 44.7 134.1
157 110.6 60.5 181.4





#93
1,2,4-Trichlorobenzene
Concen: 18.663 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

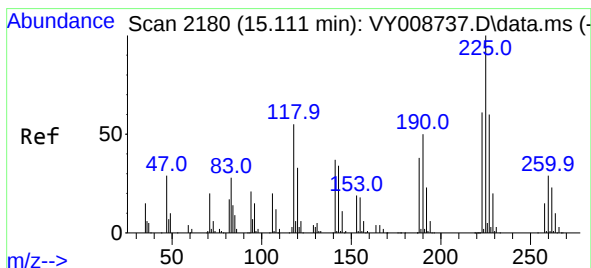
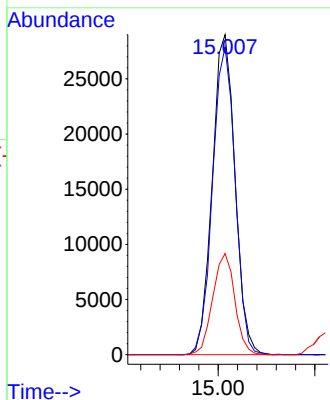
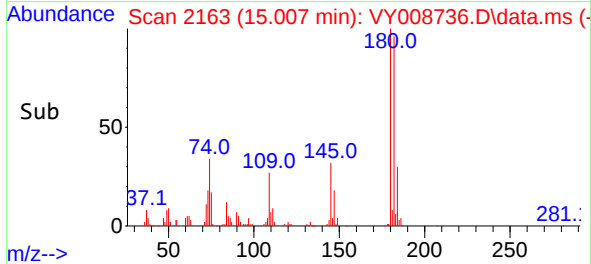
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



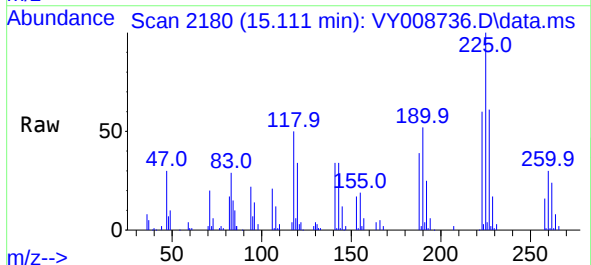
Tgt Ion:180 Resp: 47250
Ion Ratio Lower Upper
180 100
182 95.6 46.8 140.4
145 30.7 15.0 45.0

Manual Integrations
APPROVED

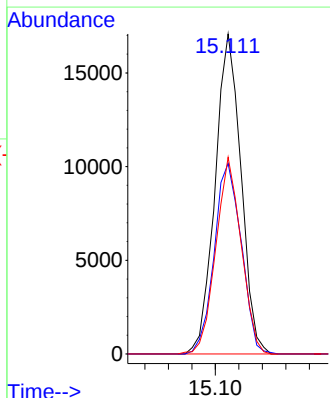
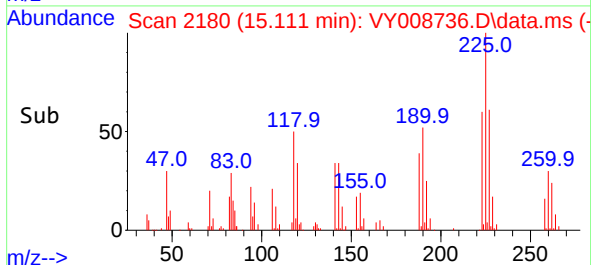
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

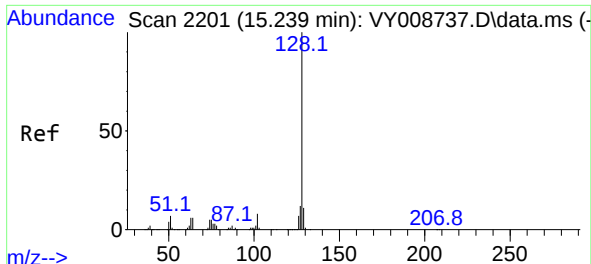


#94
Hexachlorobutadiene
Concen: 19.337 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13



Tgt Ion:225 Resp: 26128
Ion Ratio Lower Upper
225 100
223 62.3 31.5 94.5
227 60.2 31.2 93.6





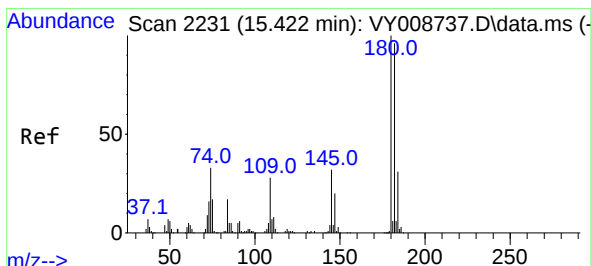
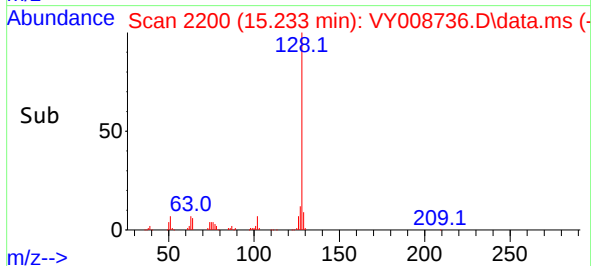
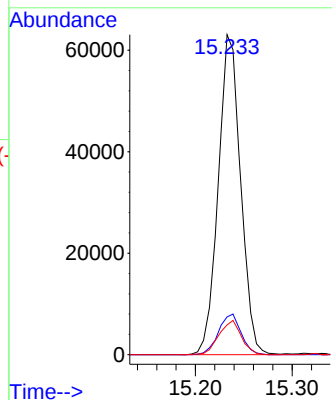
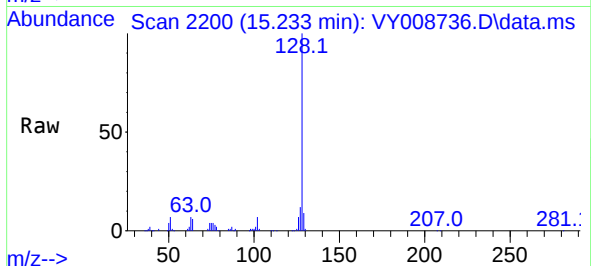
#95
Naphthalene
Concen: 18.357 ug/l
RT: 15.233 min Scan# 2117
Delta R.T. -0.006 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 101217
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.828 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY008736.D
Acq: 12 May 2022 16:13

Tgt Ion:180 Resp: 41219
Ion Ratio Lower Upper
180 100
182 92.6 46.9 140.7
145 31.4 15.6 46.8

