

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051222\
 Data File : VY008735.D
 Acq On : 12 May 2022 15:49
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: May 13 01:37:45 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	190455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22344	11.884	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	23.760%#		
35) Dibromofluoromethane	7.716	113	20962	10.684	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.360%#		
50) Toluene-d8	10.179	98	81264	11.013	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	22.020%#		
62) 4-Bromofluorobenzene	12.477	95	25382	9.755	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	18827	11.539	ug/l	98
3) Chloromethane	2.113	50	34573	15.894	ug/l	95
4) Vinyl Chloride	2.247	62	45786	15.706	ug/l	94
5) Bromomethane	2.637	94	49108	20.017	ug/l	97
6) Chloroethane	2.784	64	31319	16.139	ug/l	97
7) Trichlorofluoromethane	3.119	101	36872	10.755	ug/l	99
8) Diethyl Ether	3.528	74	11276	10.291	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	20927	9.929	ug/l	99
10) Methyl Iodide	4.088	142	14418	6.792	ug/l	97
11) Tert butyl alcohol	4.924	59	35470	181.314	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	19424	9.970	ug/l	95
13) Acrolein	3.729	56	6525	43.514	ug/l	94
14) Allyl chloride	4.479	41	26446	10.267	ug/l	98
15) Acrylonitrile	5.161	53	27122	52.010	ug/l	100
16) Acetone	3.948	43	22495	53.955	ug/l	99
17) Carbon Disulfide	4.192	76	55032	10.064	ug/l	96
18) Methyl Acetate	4.473	43	23284	16.229	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	54034	9.739	ug/l	96
20) Methylene Chloride	4.716	84	34754	13.772	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	22862	10.088	ug/l	95
22) Diisopropyl ether	6.119	45	60767	10.801	ug/l	97
23) Vinyl Acetate	6.058	43	154872	44.740	ug/l	97
24) 1,1-Dichloroethane	6.009	63	38290	10.332	ug/l	99
25) 2-Butanone	6.984	43	35500	55.342	ug/l	89
26) 2,2-Dichloropropane	6.984	77	36860	10.478	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	25252	9.567	ug/l	99
28) Bromochloromethane	7.326	49	17429	13.650	ug/l	94
29) Tetrahydrofuran	7.344	42	22822	54.690	ug/l	100
30) Chloroform	7.509	83	41592	10.369	ug/l	94
31) Cyclohexane	7.783	56	36891	10.570	ug/l #	78
32) 1,1,1-Trichloroethane	7.704	97	36947	10.017	ug/l	98
36) 1,1-Dichloropropene	7.911	75	31171	10.115	ug/l	99
37) Ethyl Acetate	7.070	43	16574	11.640	ug/l #	92
38) Carbon Tetrachloride	7.893	117	32320	9.661	ug/l	97
39) Methylcyclohexane	9.179	83	38406	9.290	ug/l	97
40) Benzene	8.155	78	90249	10.205	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8400m	11.303	ug/l	
42) 1,2-Dichloroethane	8.240	62	26244	10.596	ug/l	99
43) Isopropyl Acetate	8.271	43	30338	10.756	ug/l	98
44) Trichloroethene	8.941	130	24370	9.607	ug/l	87
45) 1,2-Dichloropropane	9.216	63	21710	10.371	ug/l	94
46) Dibromomethane	9.301	93	14119	10.375	ug/l	96
47) Bromodichloromethane	9.496	83	32045	10.240	ug/l	94
48) Methyl methacrylate	9.295	41	13286	10.723	ug/l	96
49) 1,4-Dioxane	9.295	88	3246	184.213	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	80913	56.705	ug/l	97
52) Toluene	10.240	92	57723	9.931	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	31825	9.932	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	35891	9.919	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	18638	9.943	ug/l	92
56) Ethyl methacrylate	10.508	69	22779	9.381	ug/l	94
57) 1,3-Dichloropropane	10.788	76	31013	10.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	62863	58.602	ug/l	99
59) 2-Hexanone	10.831	43	52461	52.882	ug/l	96
60) Dibromochloromethane	10.984	129	21851	9.593	ug/l	98
61) 1,2-Dibromoethane	11.087	107	18195	9.861	ug/l	91
64) Tetrachloroethene	10.715	164	23650	10.769	ug/l	97
65) Chlorobenzene	11.514	112	62545	9.773	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	21966	9.290	ug/l	99
67) Ethyl Benzene	11.593	91	106864	9.432	ug/l	98
68) m/p-Xylenes	11.703	106	82741	18.348	ug/l	100
69) o-Xylene	12.026	106	38999	9.081	ug/l	99
70) Styrene	12.044	104	63038	8.901	ug/l	98
71) Bromoform	12.203	173	12916	9.174	ug/l #	99
73) Isopropylbenzene	12.331	105	102666	9.461	ug/l	100
74) N-amyl acetate	12.142	43	24905	10.419	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	22232	10.666	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	12034m	7.575	ug/l	
77) Bromobenzene	12.605	156	23866	9.712	ug/l	98
78) n-propylbenzene	12.672	91	126313	9.813	ug/l	99
79) 2-Chlorotoluene	12.758	91	67002	9.443	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	83300	9.338	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7257	10.188	ug/l	93
82) 4-Chlorotoluene	12.855	91	70545	9.610	ug/l	98
83) tert-Butylbenzene	13.075	119	74052	9.366	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	80736	9.244	ug/l	100
85) sec-Butylbenzene	13.251	105	111345	9.429	ug/l	100
86) p-Isopropyltoluene	13.367	119	90734	9.247	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	46900	9.475	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	47200	9.591	ug/l	97
89) n-Butylbenzene	13.696	91	87468	9.642	ug/l	98
90) Hexachloroethane	13.965	117	18072	9.630	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	41747	9.651	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3523	10.725	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	23551	9.209	ug/l	98
94) Hexachlorobutadiene	15.111	225	12935	9.477	ug/l	99
95) Naphthalene	15.239	128	48465	8.701	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	21181	9.578	ug/l	100

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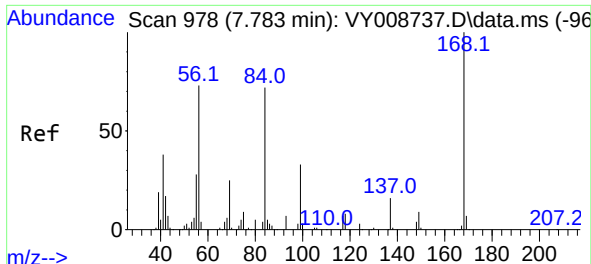
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/16/2022

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Response via : Initial Calibration

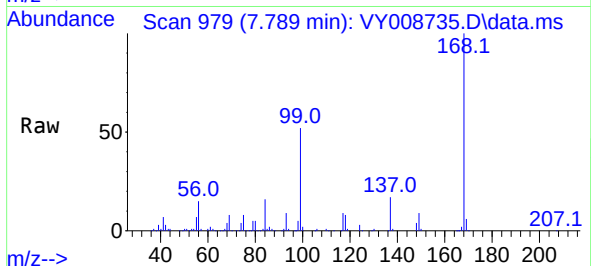
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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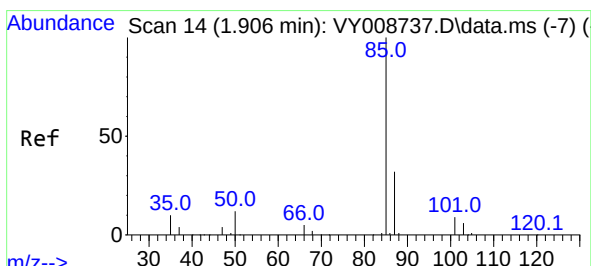
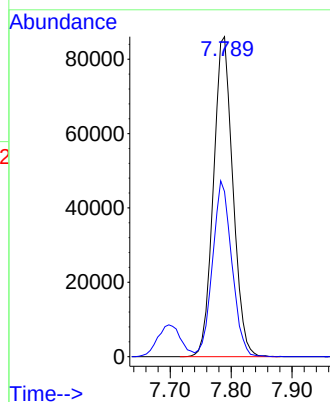
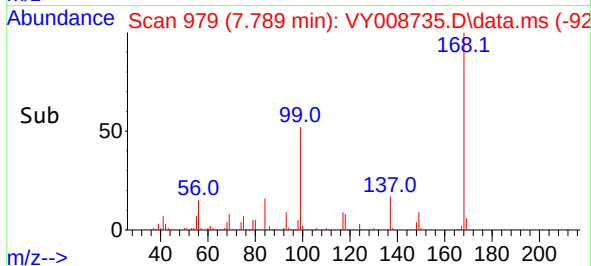
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 19045
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5

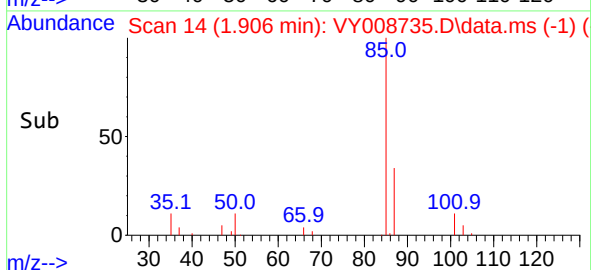
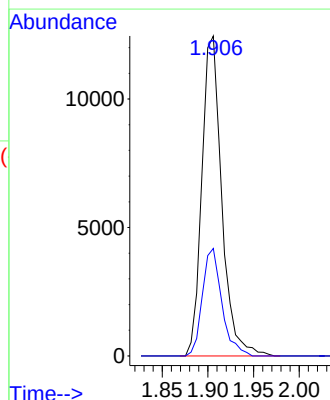
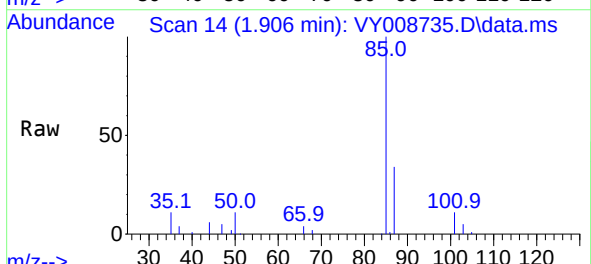
Manual Integrations
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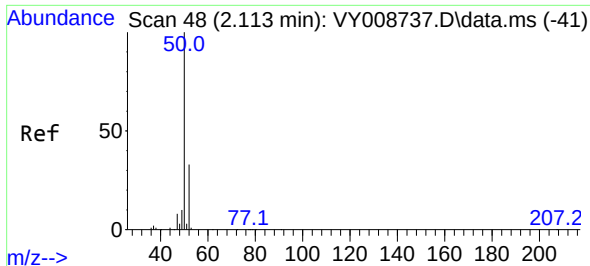
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#2
Dichlorodifluoromethane
Concen: 11.539 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

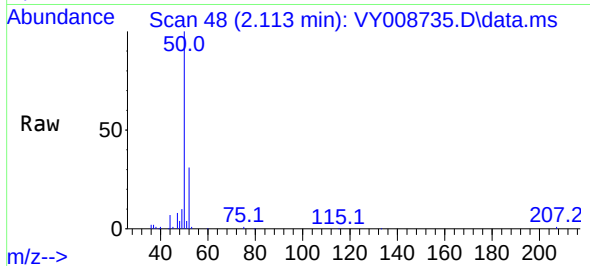
Tgt Ion: 85 Resp: 18827
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.6





#3
Chloromethane
Concen: 15.894 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

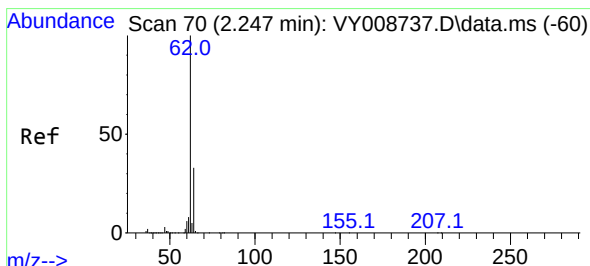
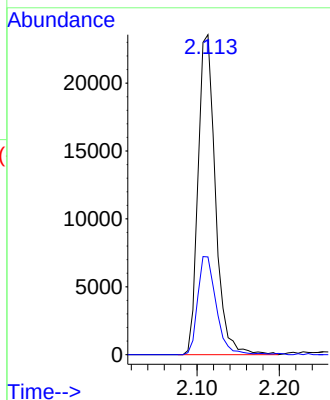
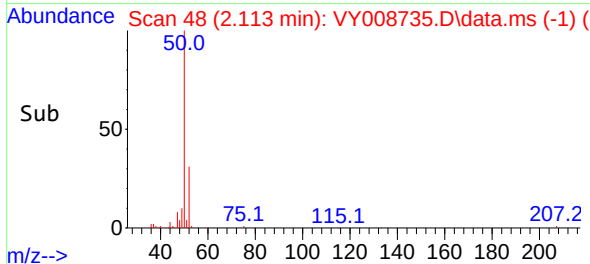
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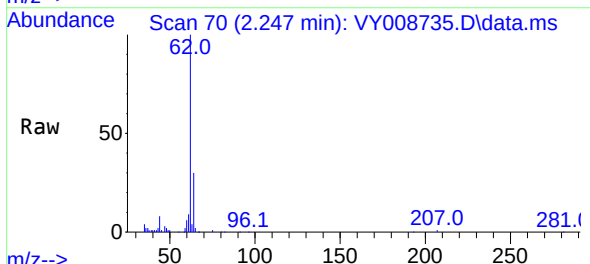
Tgt Ion: 50 Resp: 3457
Ion Ratio Lower Upper
50 100
52 30.5 26.7 40.1

Manual Integrations
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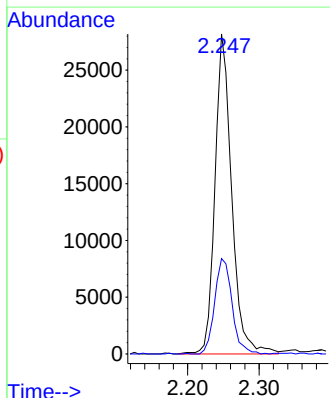
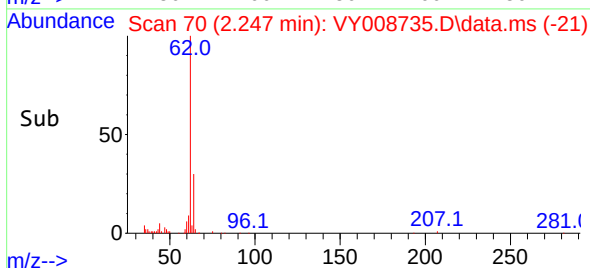
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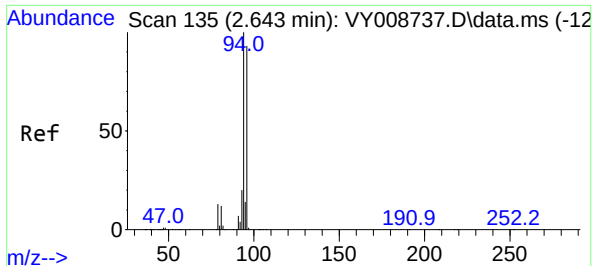


#4
Vinyl Chloride
Concen: 15.706 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



Tgt Ion: 62 Resp: 45786
Ion Ratio Lower Upper
62 100
64 29.8 26.7 40.1





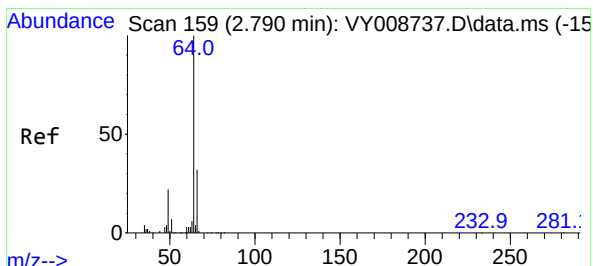
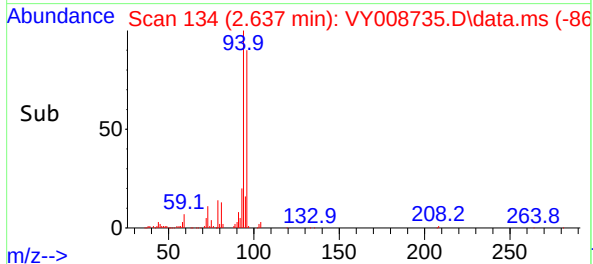
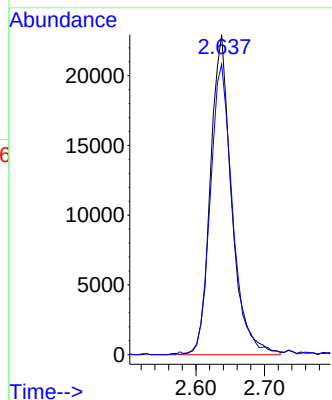
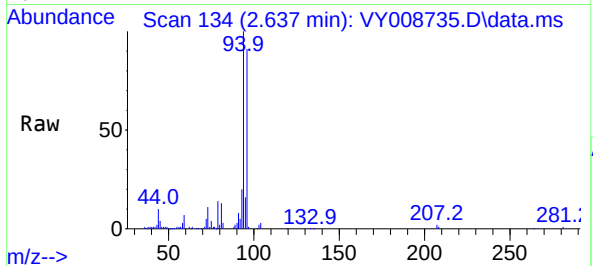
#5
Bromomethane
Concen: 20.017 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008735.D
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Instrument :
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Tgt Ion: 94 Resp: 49108
Ion Ratio Lower Upper
94 100
96 89.9 74.2 111.4

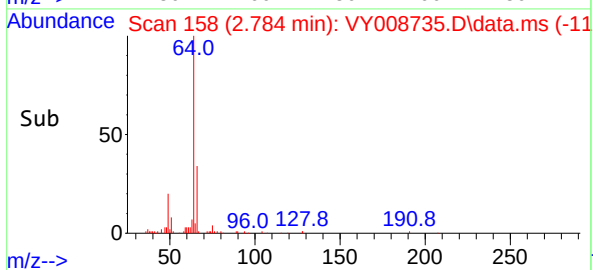
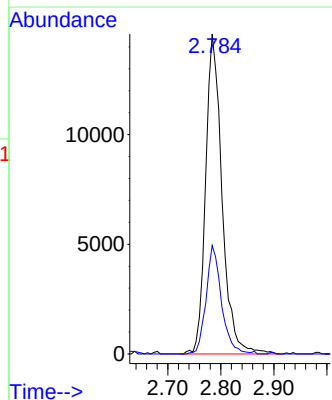
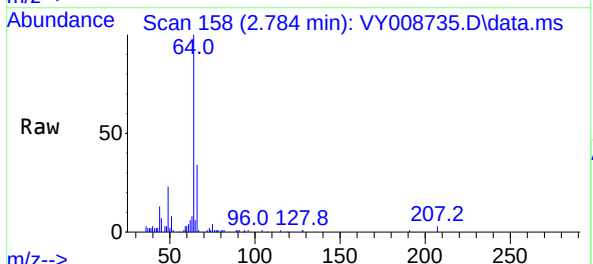
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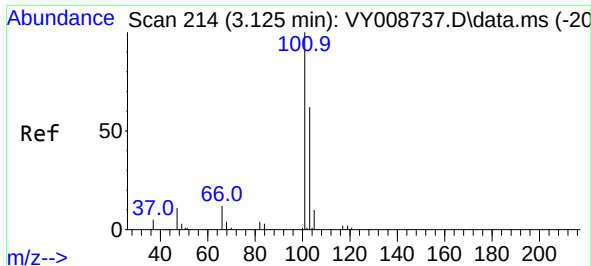
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#6
Chloroethane
Concen: 16.139 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion: 64 Resp: 31319
Ion Ratio Lower Upper
64 100
66 33.9 25.8 38.6





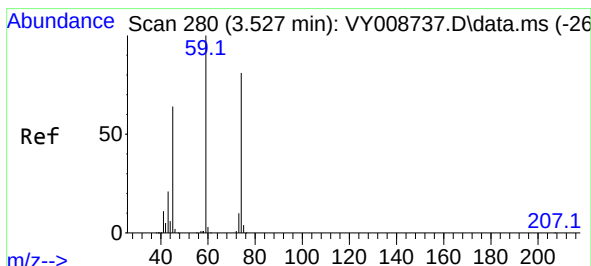
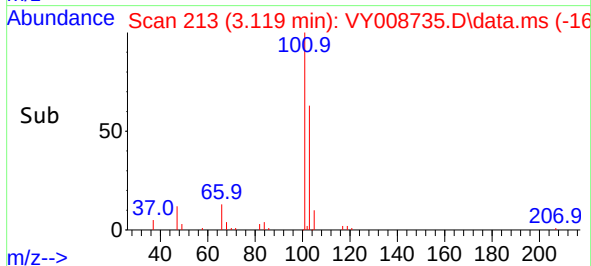
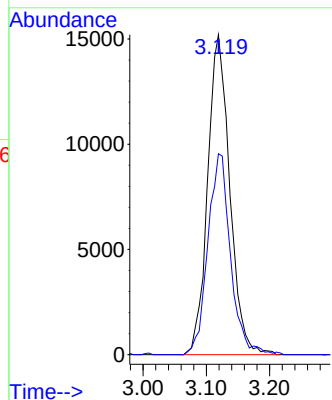
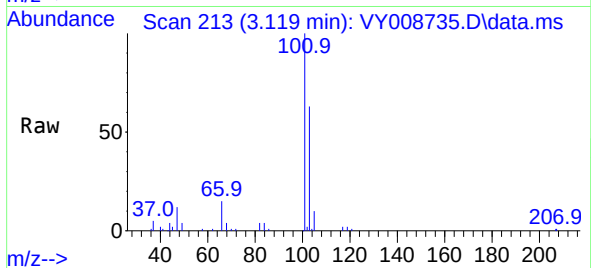
#7
Trichlorofluoromethane
Concen: 10.755 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY008735.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 36872
Ion Ratio Lower Upper
101 100
103 62.8 49.5 74.3

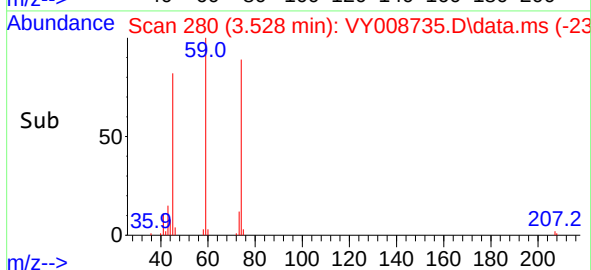
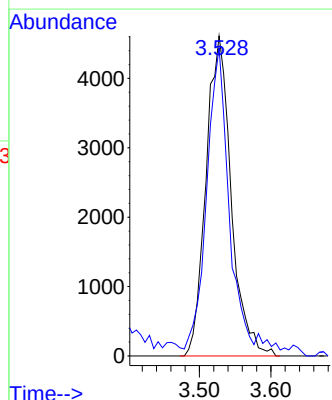
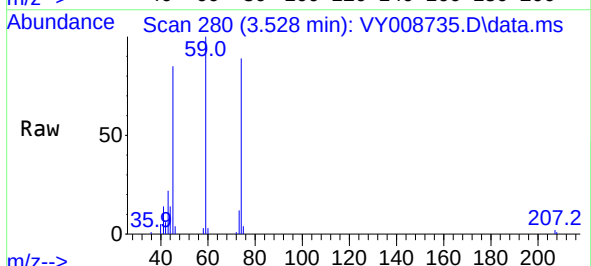
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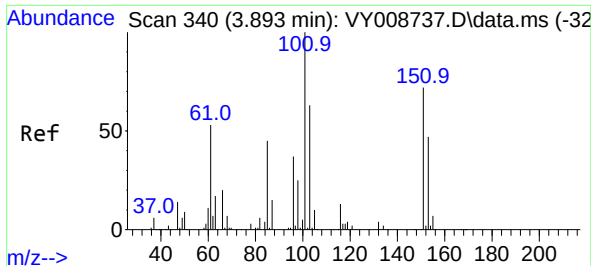
Reviewed By :John Carlone 05/13/2022
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#8
Diethyl Ether
Concen: 10.291 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
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Acq: 12 May 2022 15:49

Tgt Ion: 74 Resp: 11276
Ion Ratio Lower Upper
74 100
45 80.7 42.6 127.8





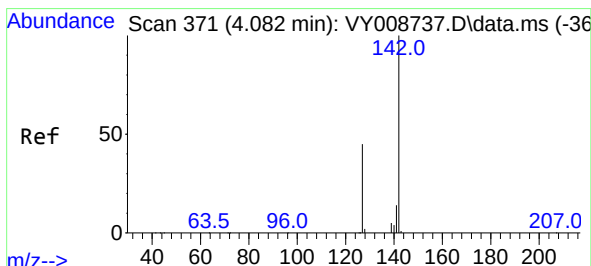
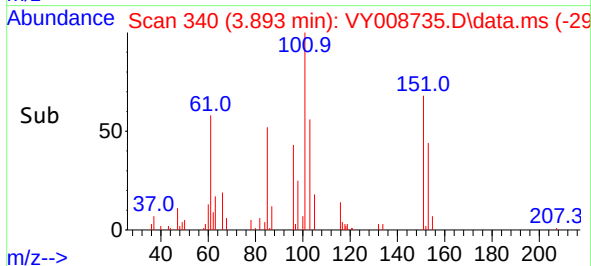
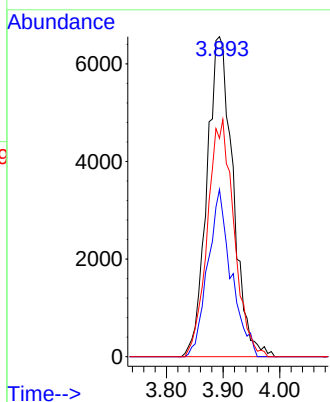
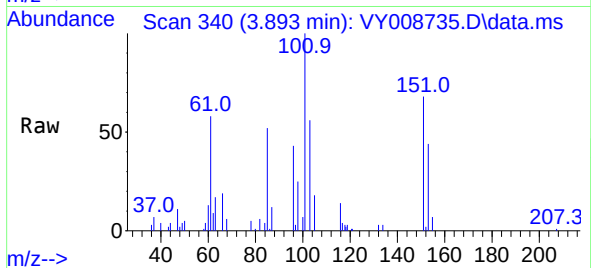
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.929 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008735.D
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ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 2092
Ion Ratio Lower Upper
101 100
85 47.1 37.8 56.6
151 75.2 59.4 89.2

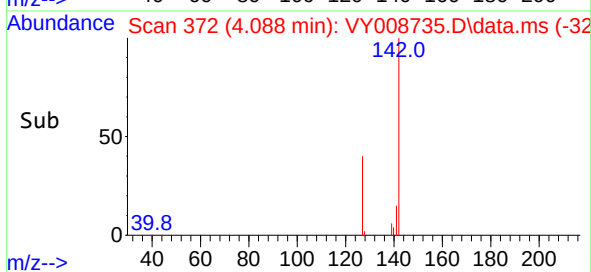
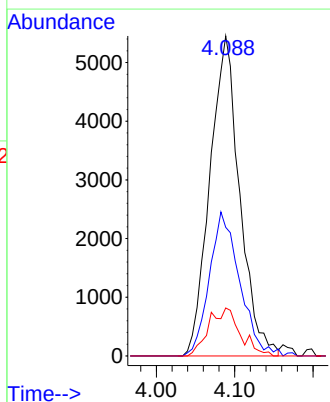
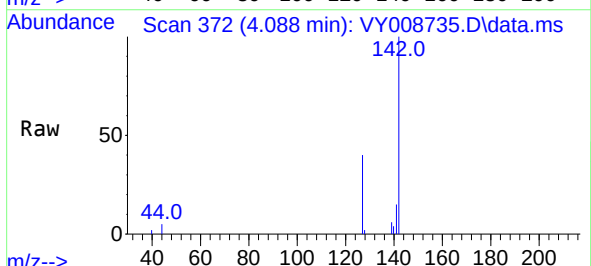
Manual Integrations
APPROVED

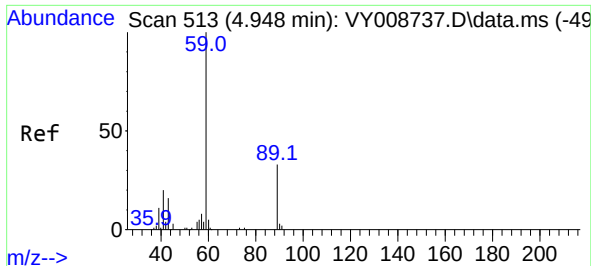
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Methyl Iodide
Concen: 6.792 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

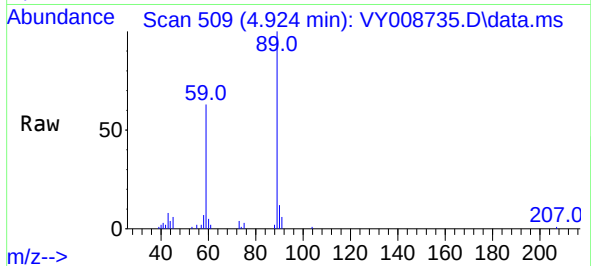
Tgt Ion:142 Resp: 14418
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.0
141 15.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 181.314 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

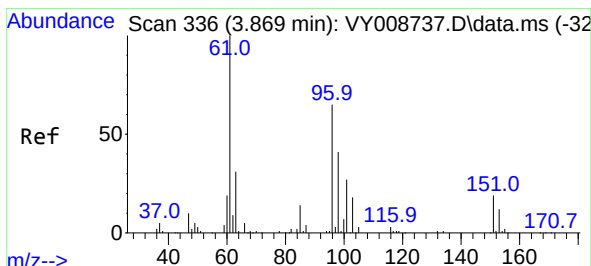
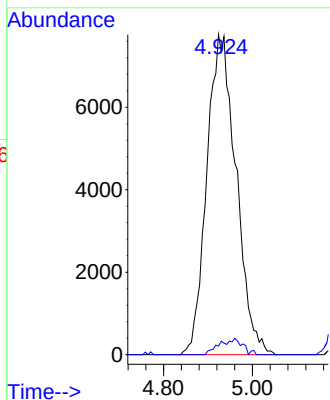
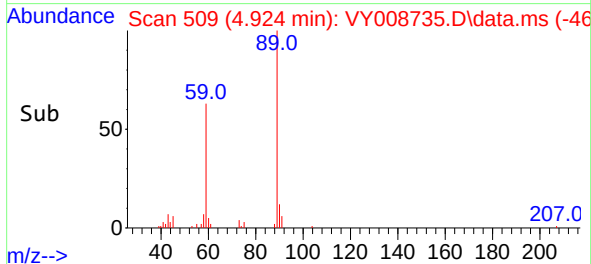
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



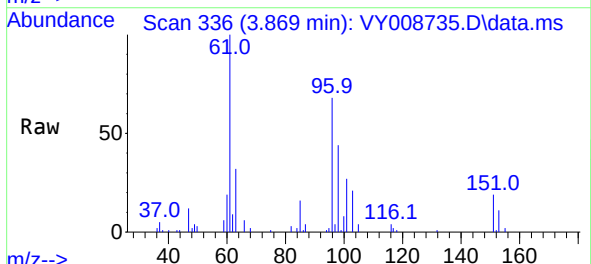
Tgt Ion: 59 Resp: 35470
Ion Ratio Lower Upper
59 100
57 1.7 6.7 10.1

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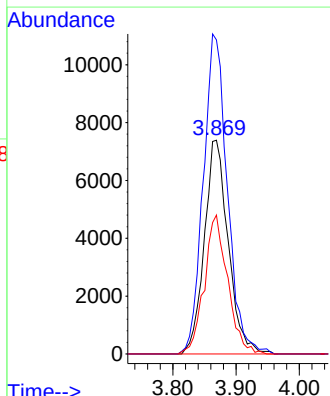
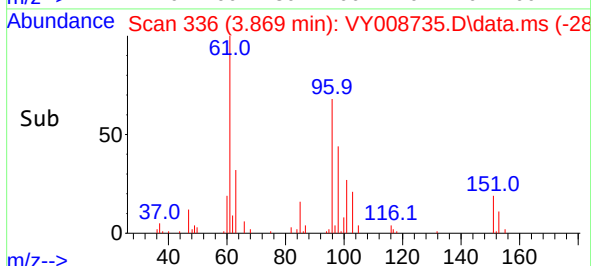
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

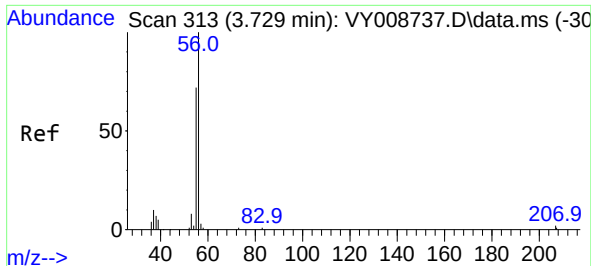


#12
1,1-Dichloroethene
Concen: 9.970 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



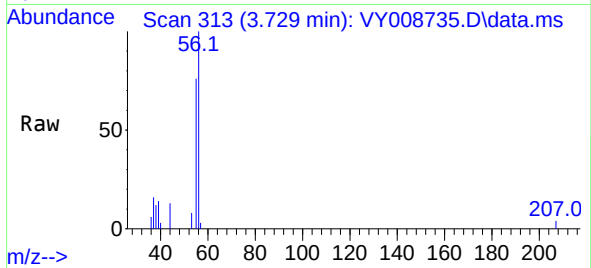
Tgt Ion: 96 Resp: 19424
Ion Ratio Lower Upper
96 100
61 146.9 123.9 185.9
98 64.9 51.2 76.8





#13
Acrolein
Concen: 43.514 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

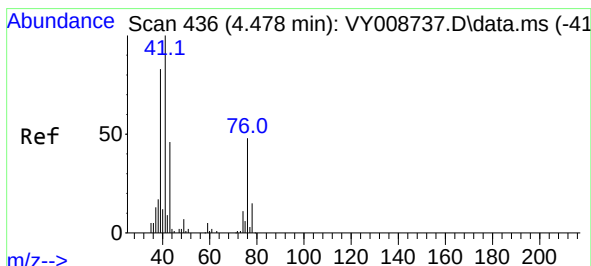
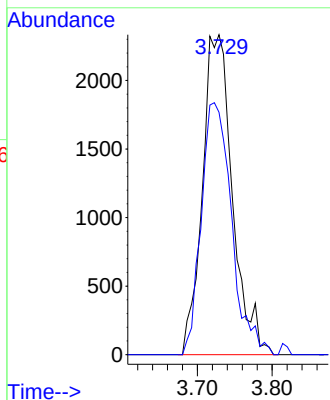
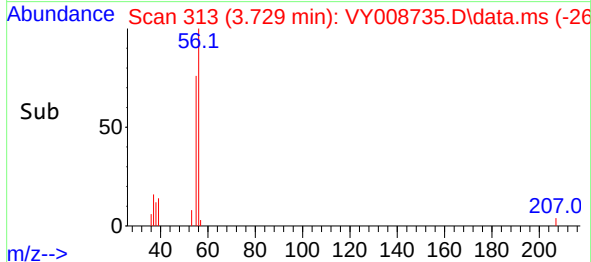
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



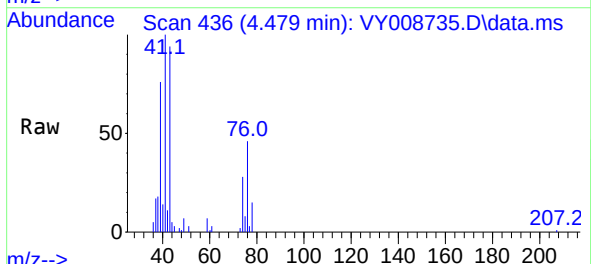
Tgt Ion: 56 Resp: 6529
Ion Ratio Lower Upper
56 100
55 79.5 59.8 89.6

Manual Integrations
APPROVED

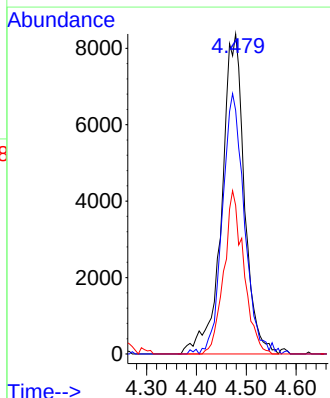
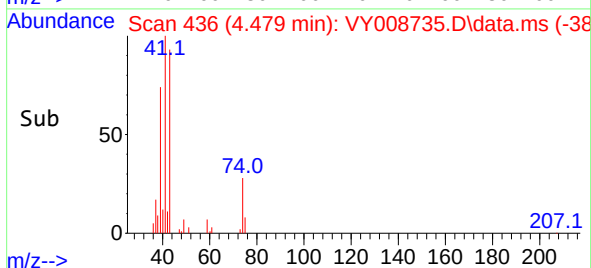
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

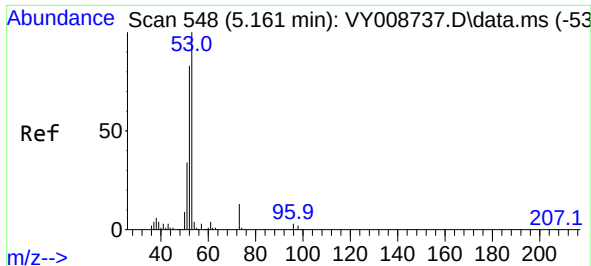


#14
Allyl chloride
Concen: 10.267 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



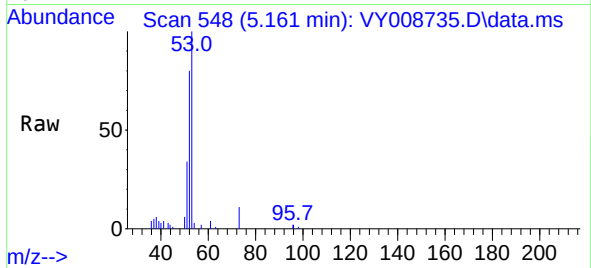
Tgt Ion: 41 Resp: 26446
Ion Ratio Lower Upper
41 100
39 79.0 64.0 96.0
76 44.6 37.5 56.3





#15
Acrylonitrile
Concen: 52.010 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

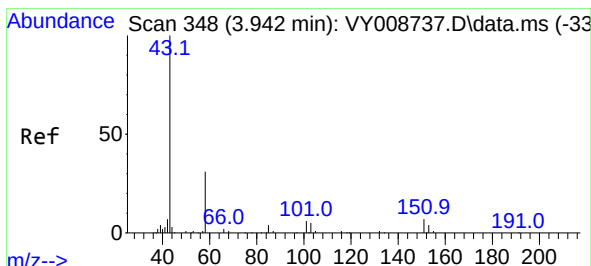
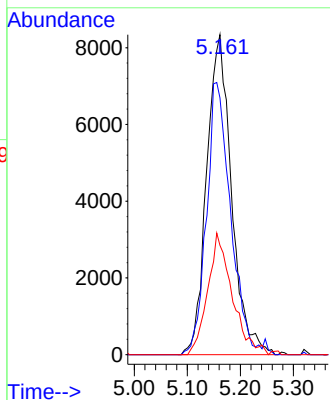
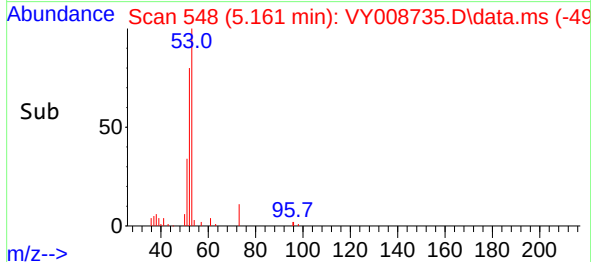
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



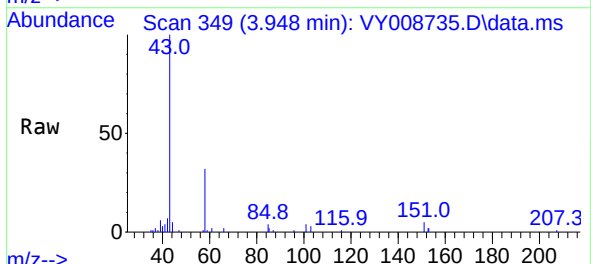
Tgt Ion: 53 Resp: 2712
Ion Ratio Lower Upper
53 100
52 82.0 65.8 98.6
51 37.5 29.6 44.4

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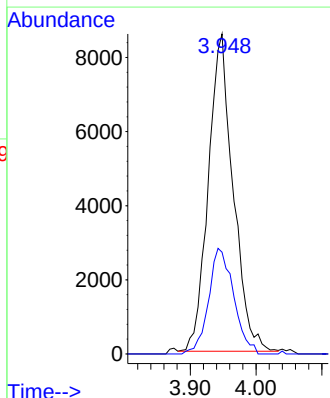
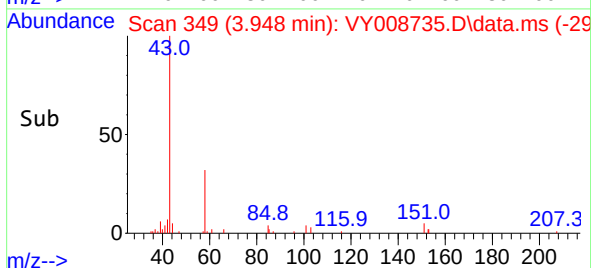
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

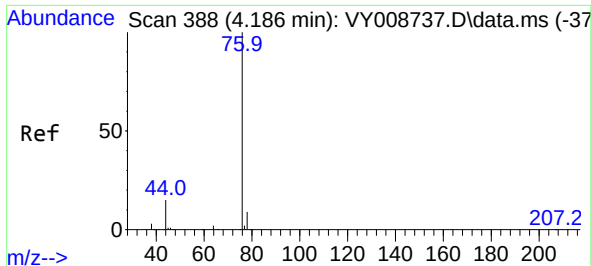


#16
Acetone
Concen: 53.955 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



Tgt Ion: 43 Resp: 22495
Ion Ratio Lower Upper
43 100
58 32.1 25.1 37.7





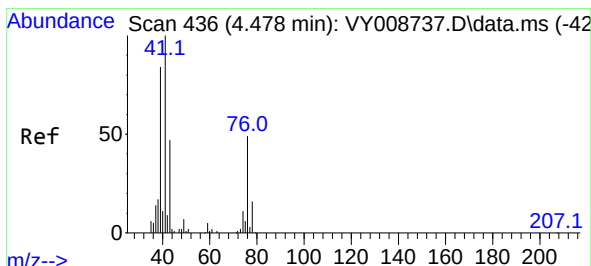
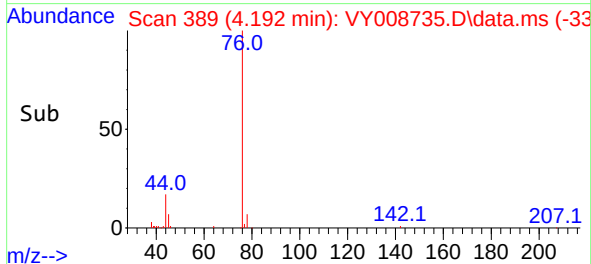
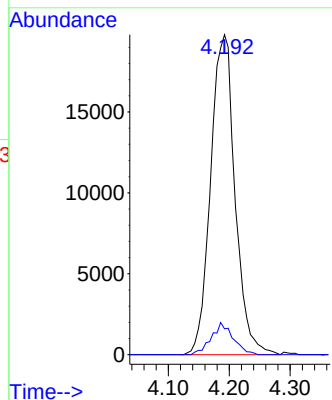
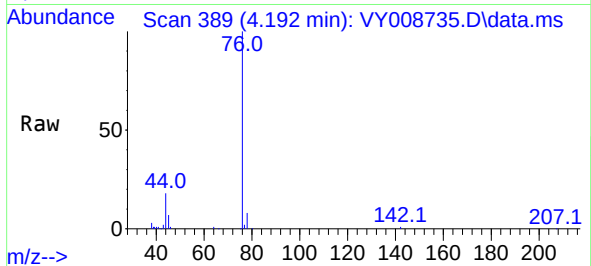
#17
Carbon Disulfide
Concen: 10.064 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 5503
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3

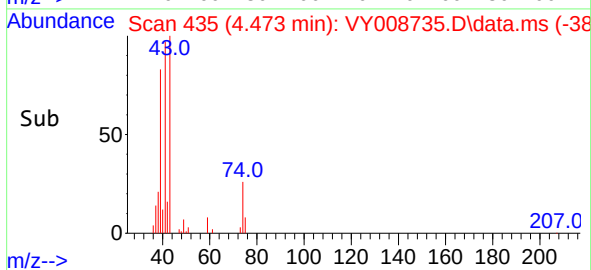
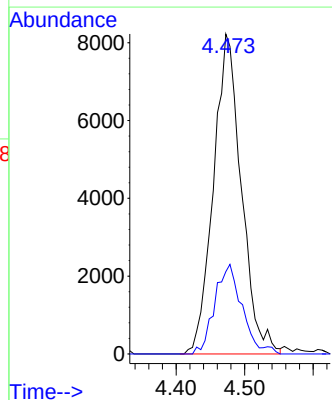
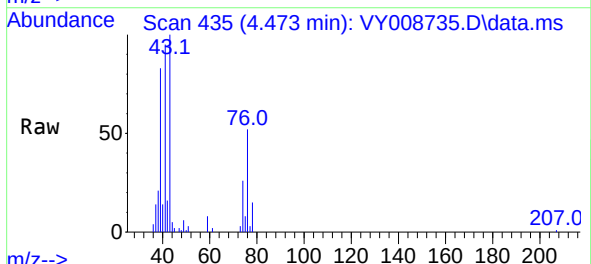
Manual Integrations
APPROVED

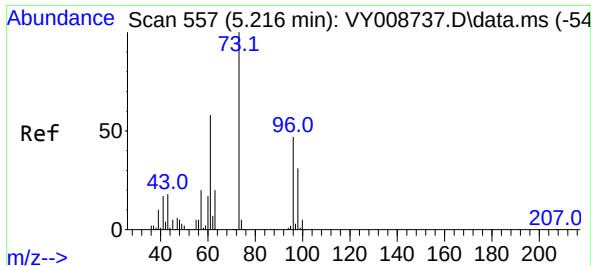
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
Methyl Acetate
Concen: 16.229 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion: 43 Resp: 23284
Ion Ratio Lower Upper
43 100
74 27.5 20.6 31.0





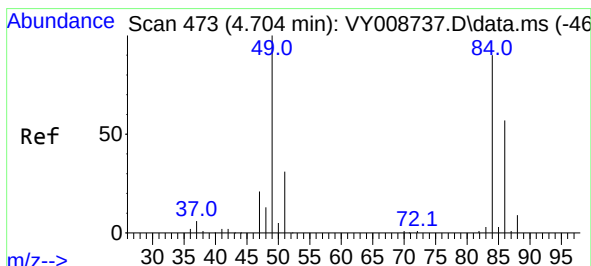
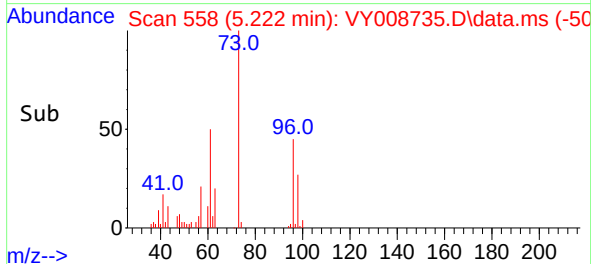
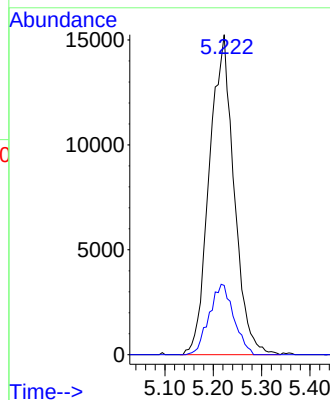
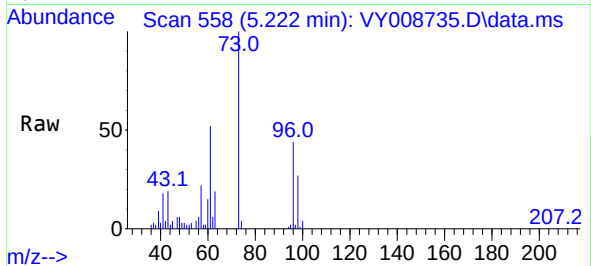
#19
Methyl tert-butyl Ether
Concen: 9.739 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 54034
Ion Ratio Lower Upper
73 100
57 21.6 15.8 23.6

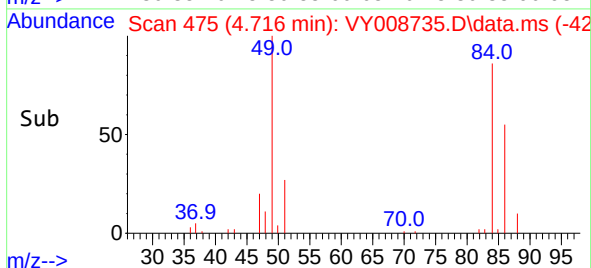
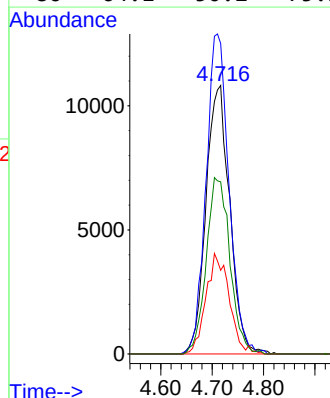
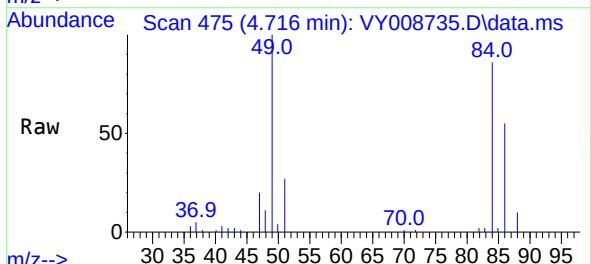
Manual Integrations
APPROVED

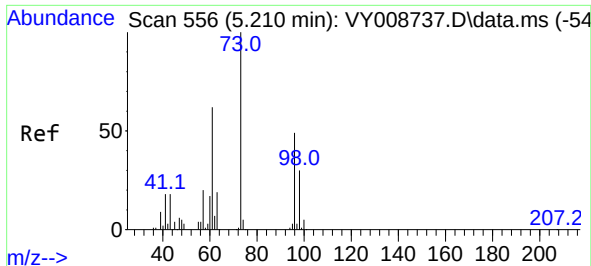
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 13.772 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

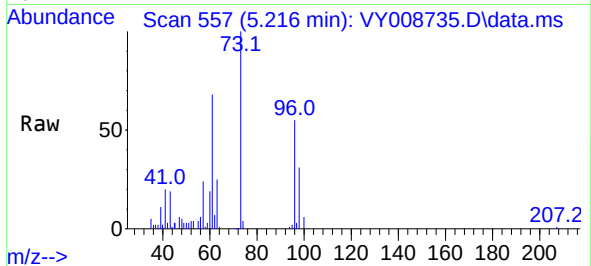
Tgt Ion: 84 Resp: 34754
Ion Ratio Lower Upper
84 100
49 115.6 88.6 133.0
51 31.2 27.4 41.0
86 64.1 50.2 75.2





#21
trans-1,2-Dichloroethene
Concen: 10.088 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

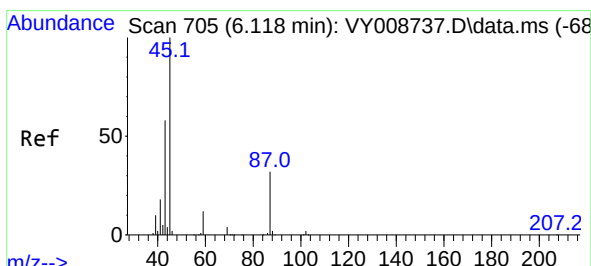
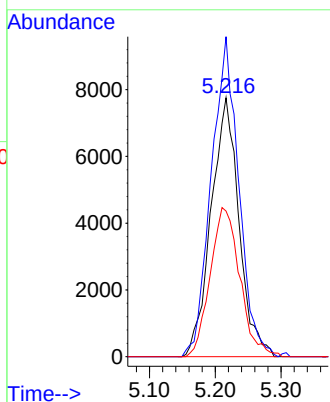
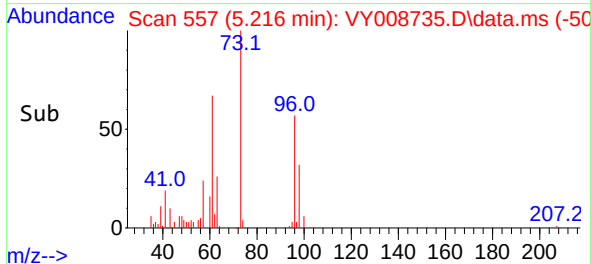
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 22862
Ion Ratio Lower Upper
96 100
61 123.6 101.8 152.6
98 56.2 50.2 75.2

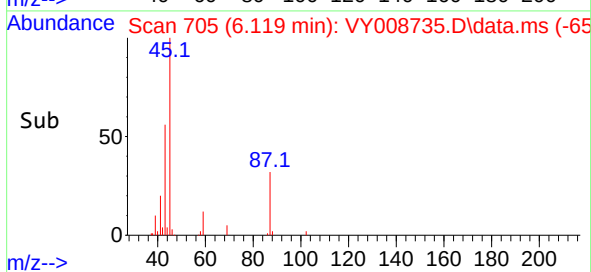
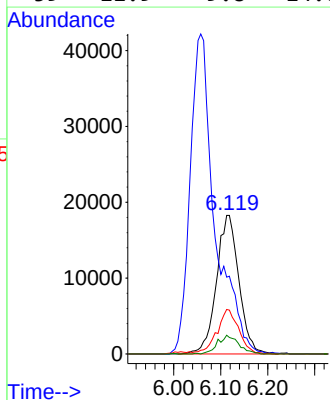
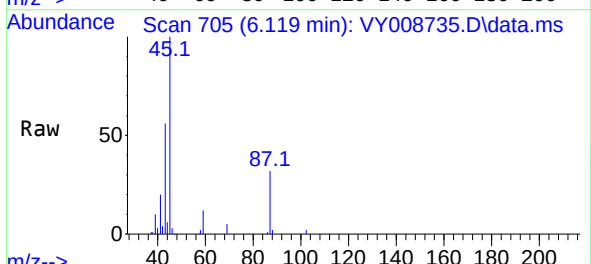
Manual Integrations
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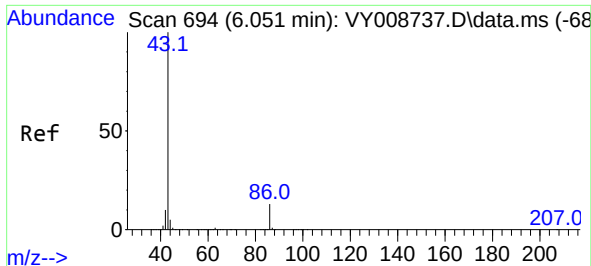
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#22
Diisopropyl ether
Concen: 10.801 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion: 45 Resp: 60767
Ion Ratio Lower Upper
45 100
43 55.5 46.5 69.7
87 31.6 26.3 39.5
59 11.9 9.8 14.6





#23
 Vinyl Acetate
 Concen: 44.740 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY008735.D
 Acq: 12 May 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

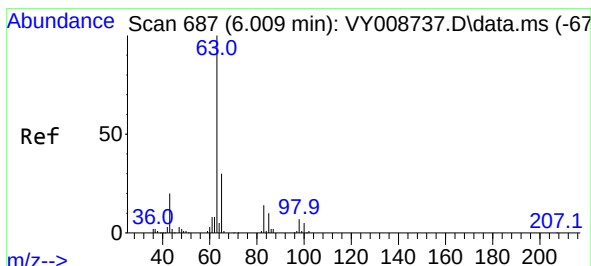
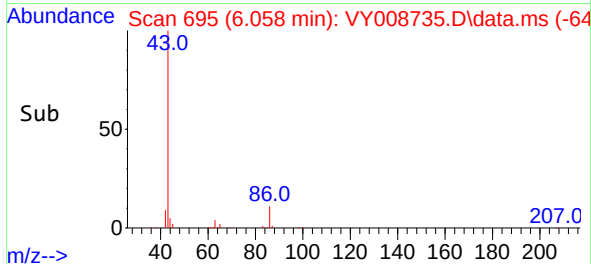
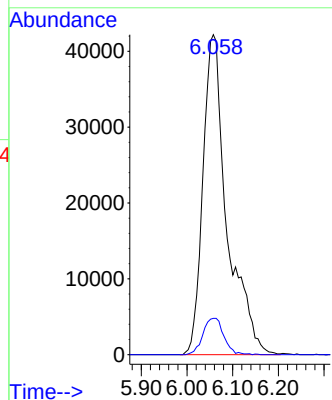
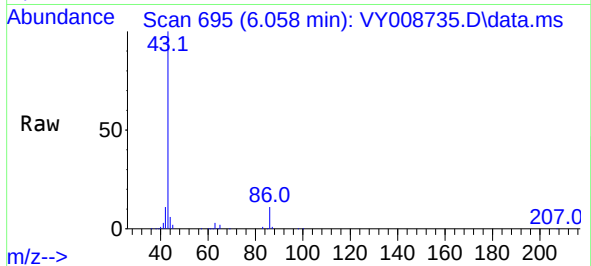
VSTDICC010

Tgt Ion: 43 Resp: 154872
 Ion Ratio Lower Upper
 43 100
 86 11.3 10.2 15.2

Manual Integrations

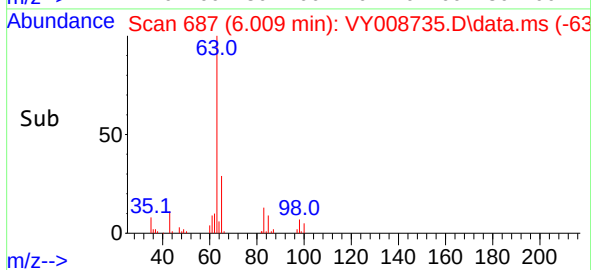
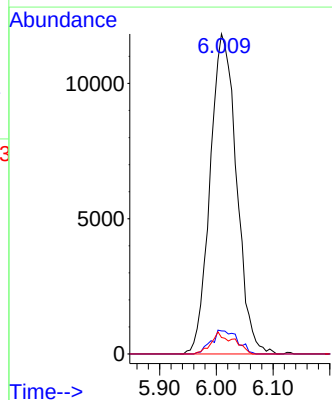
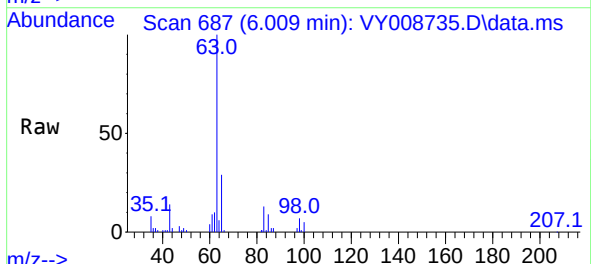
APPROVED

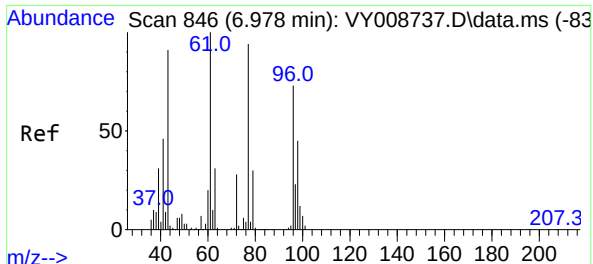
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#24
 1,1-Dichloroethane
 Concen: 10.332 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY008735.D
 Acq: 12 May 2022 15:49

Tgt Ion: 63 Resp: 38290
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 5.2 2.6 7.8





#25

2-Butanone

Concen: 55.342 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 35500

Ion Ratio Lower Upper

43 100

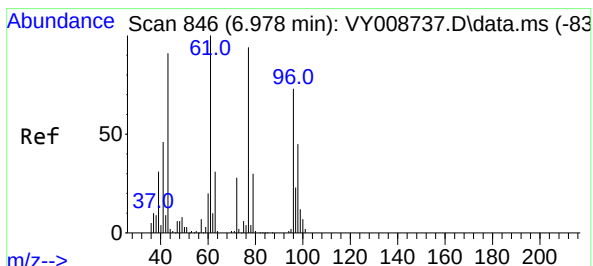
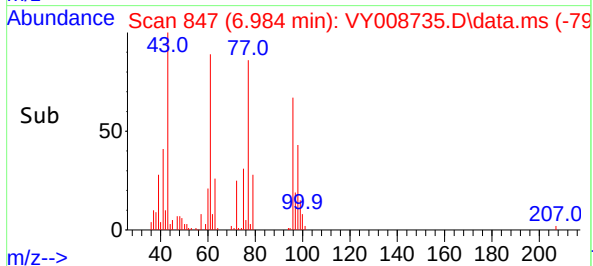
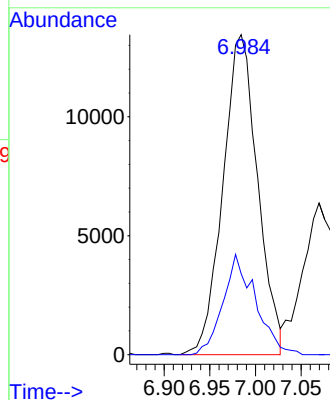
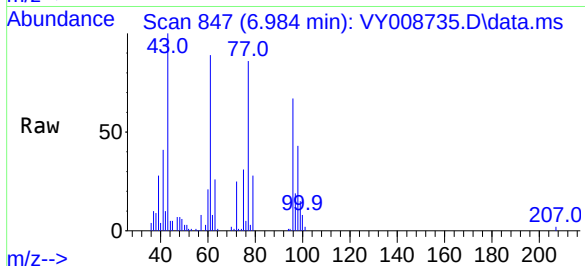
72 25.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#26

2,2-Dichloropropane

Concen: 10.478 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008735.D

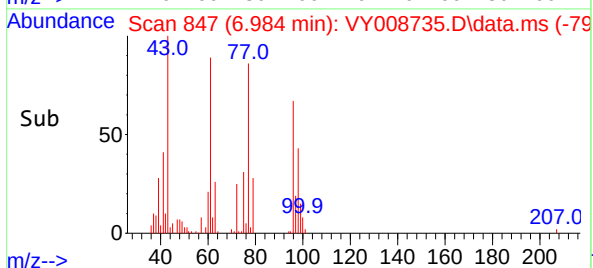
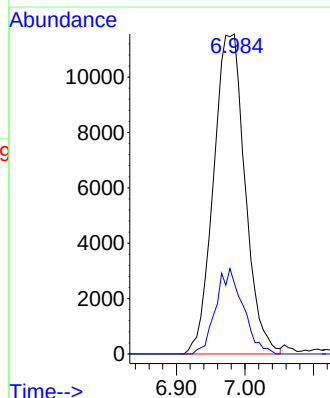
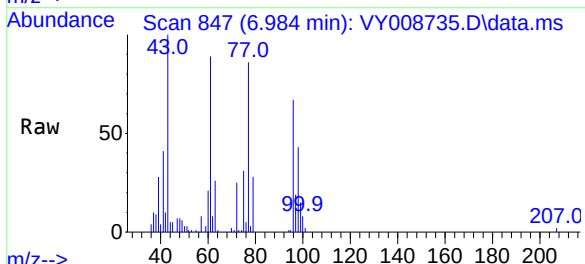
Acq: 12 May 2022 15:49

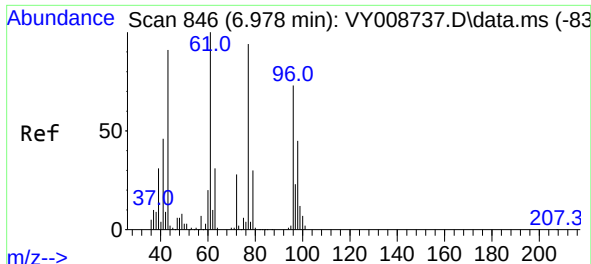
Tgt Ion: 77 Resp: 36860

Ion Ratio Lower Upper

77 100

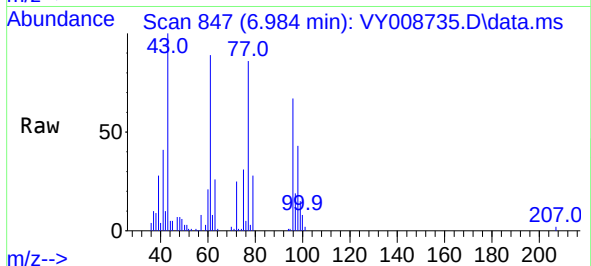
97 23.2 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 9.567 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

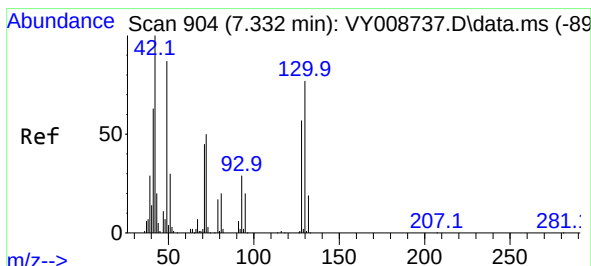
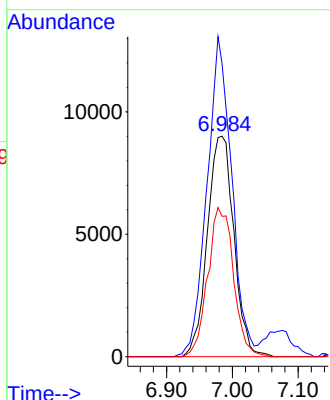
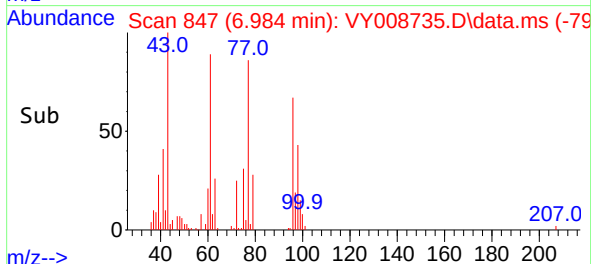
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 2525
Ion Ratio Lower Upper
96 100
61 135.0 0.0 270.4
98 65.8 0.0 126.6

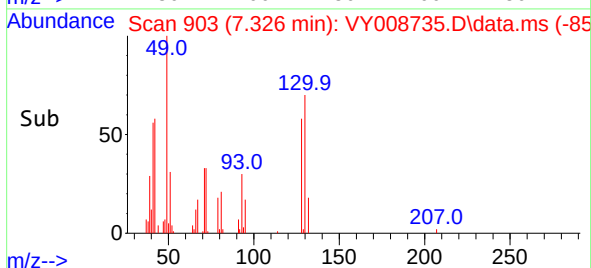
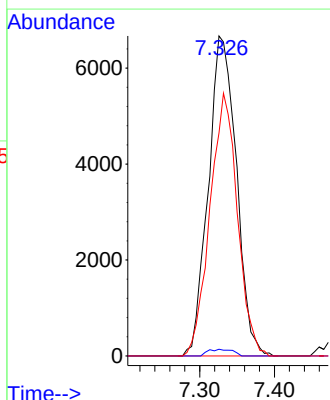
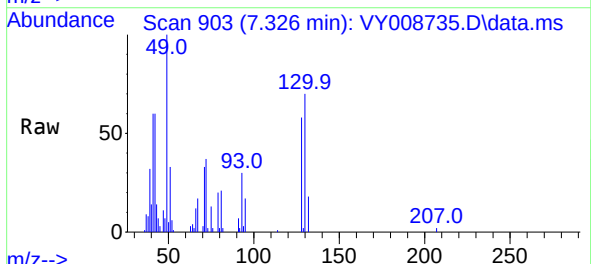
Manual Integrations
APPROVED

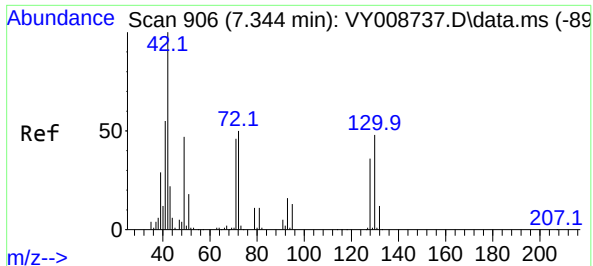
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#28
Bromochloromethane
Concen: 13.650 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion: 49 Resp: 17429
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 80.3 69.0 103.4





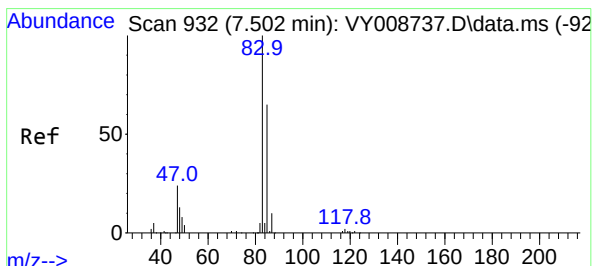
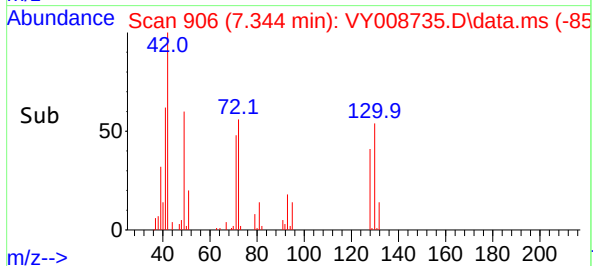
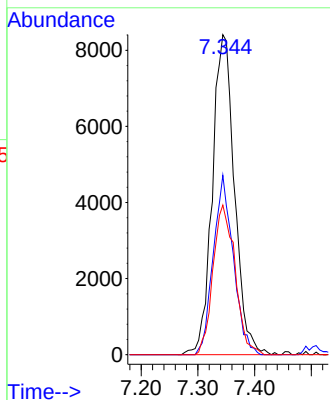
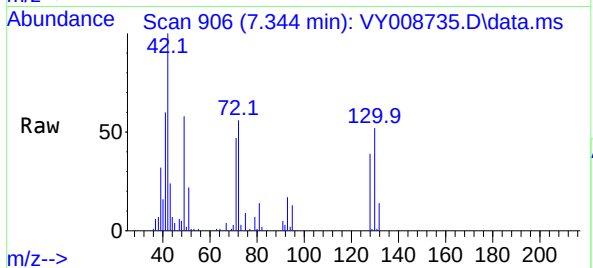
#29
Tetrahydrofuran
Concen: 54.690 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 2282
Ion Ratio Lower Upper
42 100
72 50.7 40.7 61.1
71 46.5 37.4 56.0

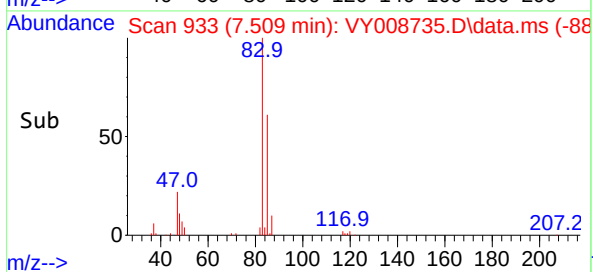
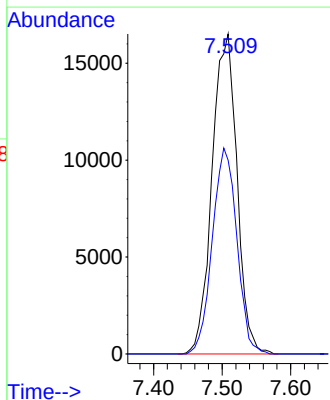
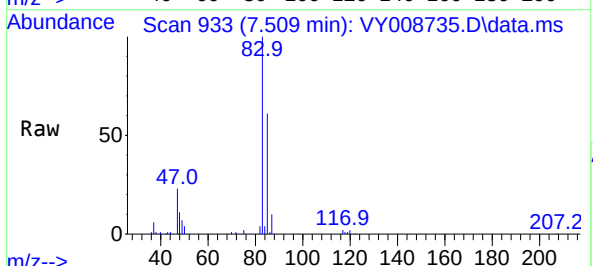
Manual Integrations
APPROVED

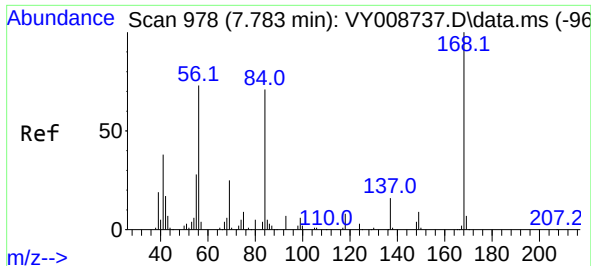
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#30
Chloroform
Concen: 10.369 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

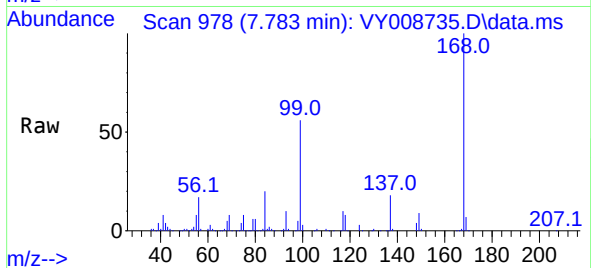
Tgt Ion: 83 Resp: 41592
Ion Ratio Lower Upper
83 100
85 60.5 52.1 78.1





#31
Cyclohexane
Concen: 10.570 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

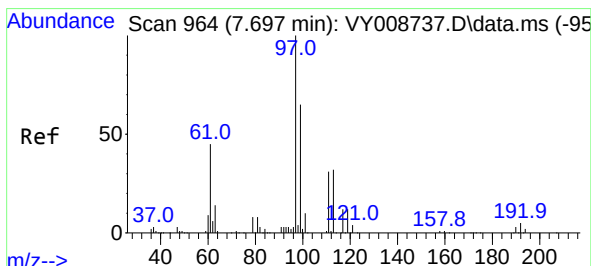
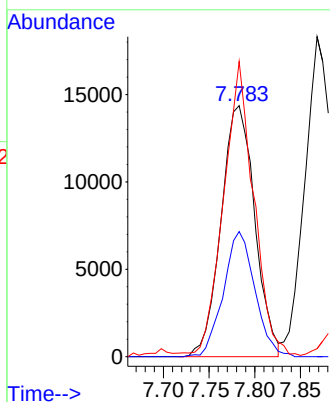
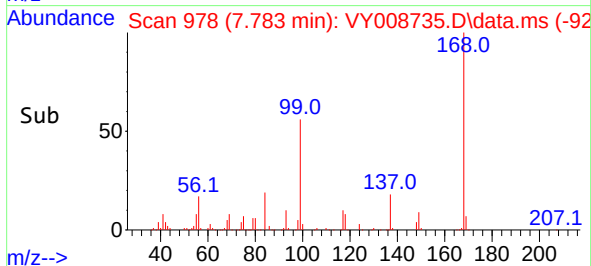
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



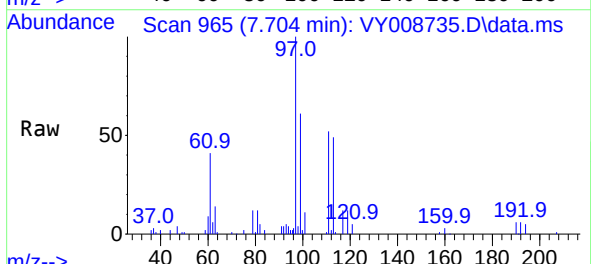
Tgt Ion: 56 Resp: 3689
Ion Ratio Lower Upper
56 100
69 49.8 27.4 41.0
84 116.3 77.5 116.3

Manual Integrations
APPROVED

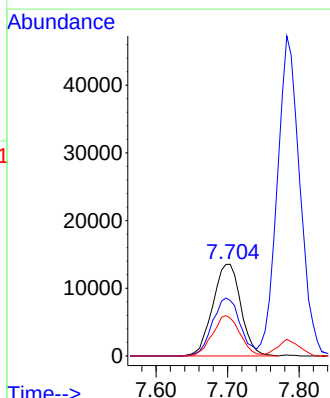
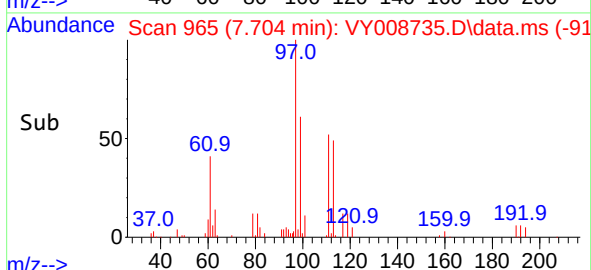
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

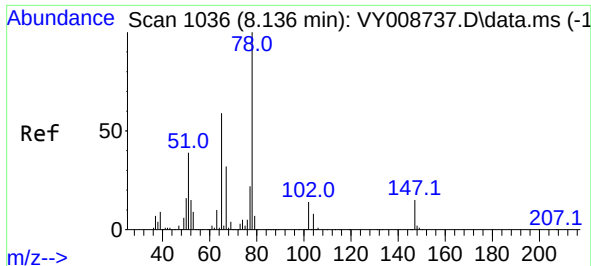


#32
1,1,1-Trichloroethane
Concen: 10.017 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



Tgt Ion: 97 Resp: 36947
Ion Ratio Lower Upper
97 100
99 62.4 51.8 77.6
61 42.8 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 11.884 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 2234

Ion Ratio Lower Upper

65 100

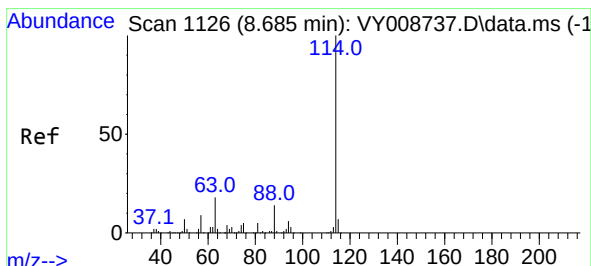
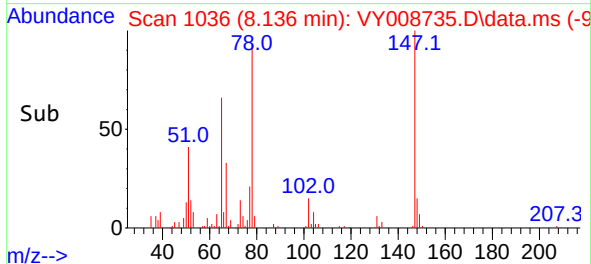
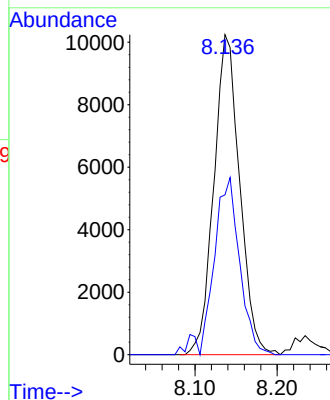
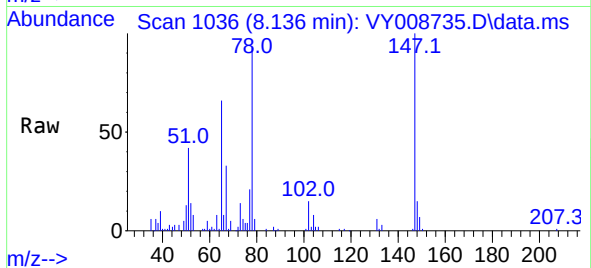
67 55.9 0.0 110.0

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: VY008735.D

Acq: 12 May 2022 15:49

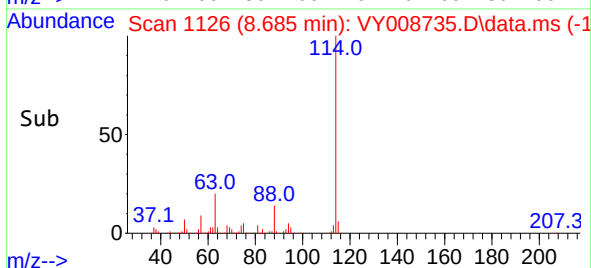
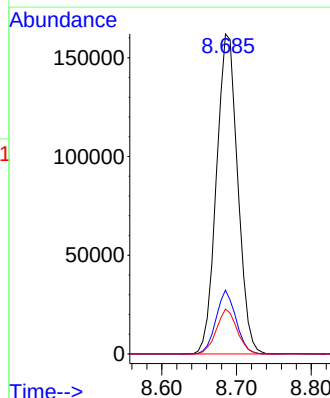
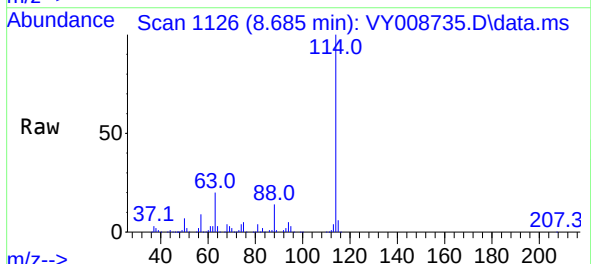
Tgt Ion:114 Resp: 320504

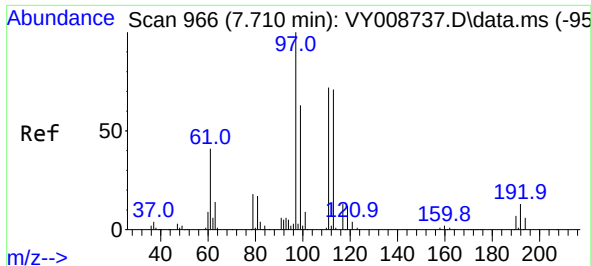
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

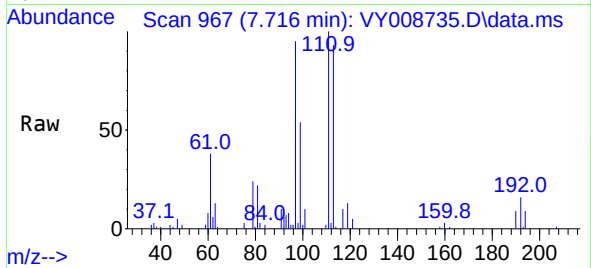
88 14.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 10.684 ug/l
RT: 7.716 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

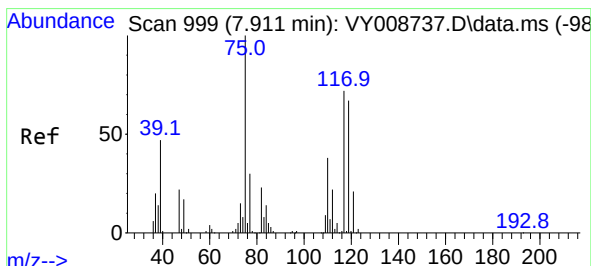
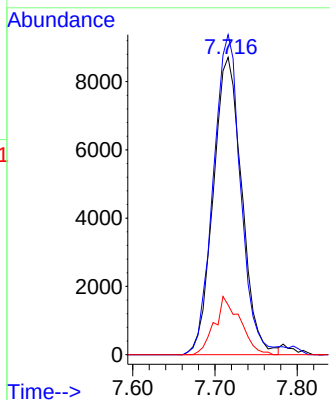
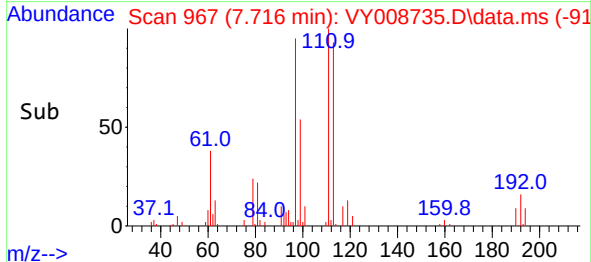
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



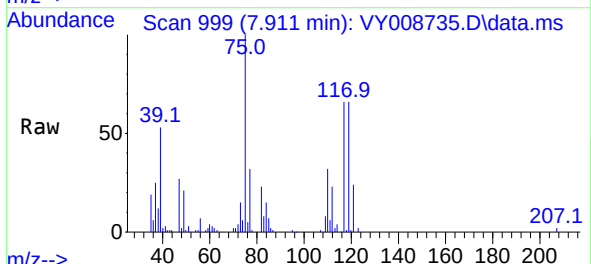
Tgt Ion: 113 Resp: 20962
Ion Ratio Lower Upper
113 100
111 105.1 81.8 122.6
192 17.7 14.5 21.7

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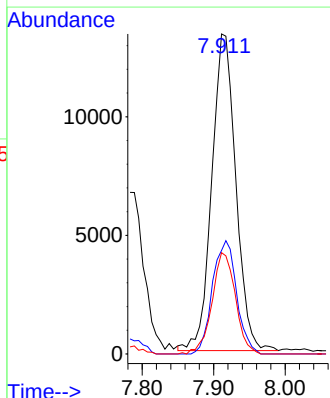
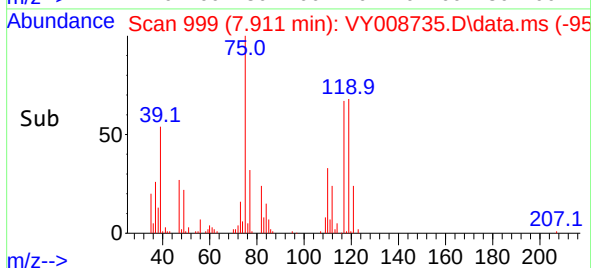
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

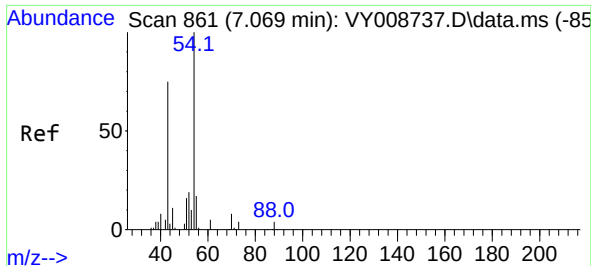


#36
1,1-Dichloropropene
Concen: 10.115 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



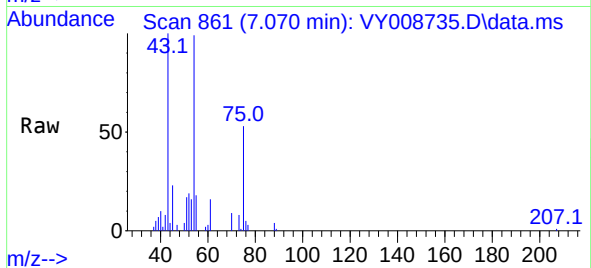
Tgt Ion: 75 Resp: 31171
Ion Ratio Lower Upper
75 100
110 35.9 18.1 54.1
77 31.1 24.3 36.5





#37
Ethyl Acetate
Concen: 11.640 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

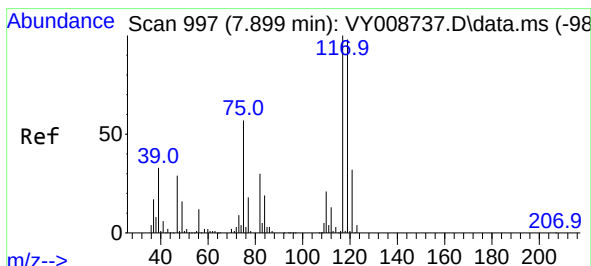
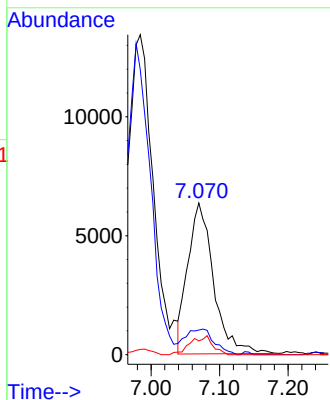
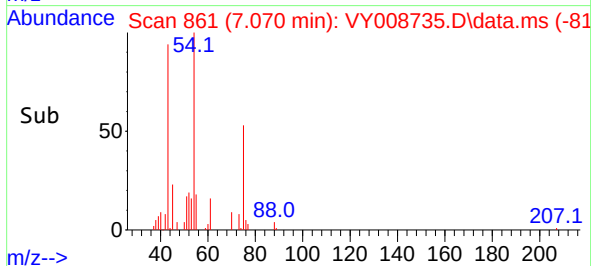
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 16574
Ion Ratio Lower Upper
43 100
61 18.8 10.8 16.2
70 10.8 8.5 12.7

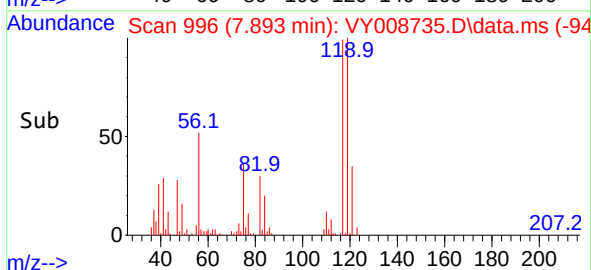
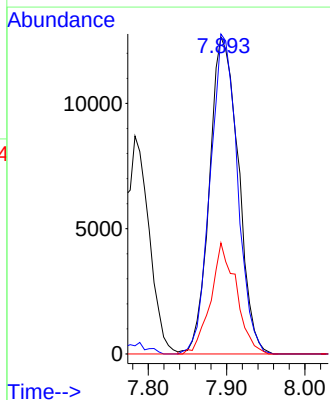
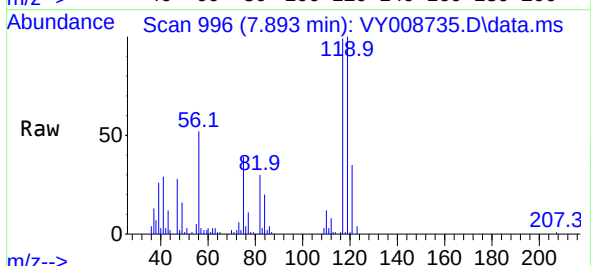
Manual Integrations
APPROVED

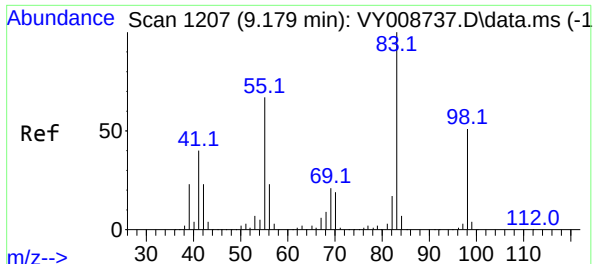
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#38
Carbon Tetrachloride
Concen: 9.661 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion:117 Resp: 32320
Ion Ratio Lower Upper
117 100
119 101.0 78.5 117.7
121 35.0 25.8 38.8





#39

Methylcyclohexane

Concen: 9.290 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

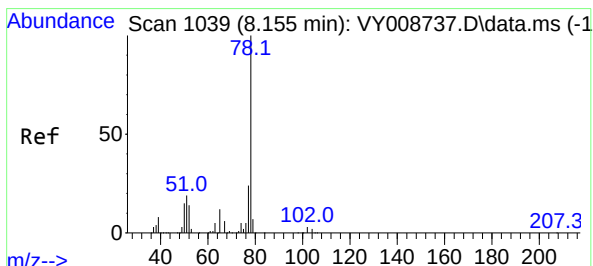
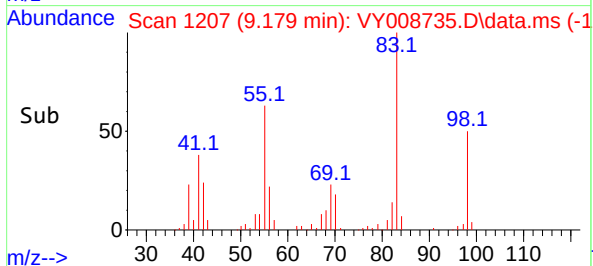
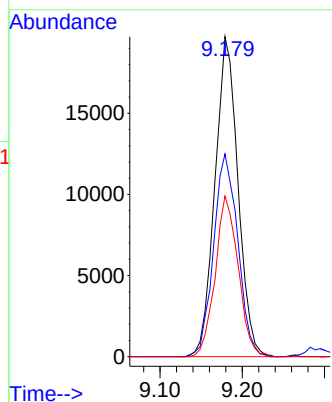
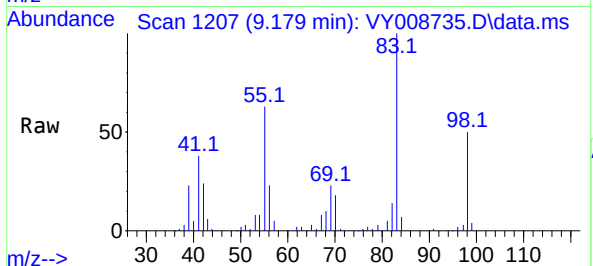
Tgt Ion: 83	Resp: 38400
Ion Ratio	Lower Upper
83 100	
55 63.4	53.4 80.0
98 50.2	41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#40

Benzene

Concen: 10.205 ug/l

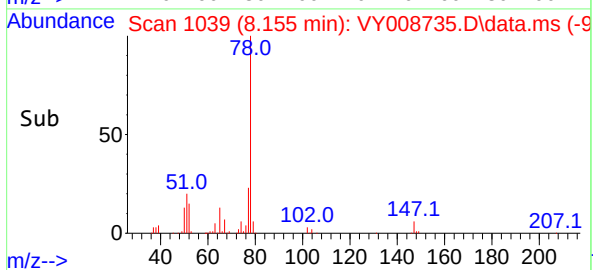
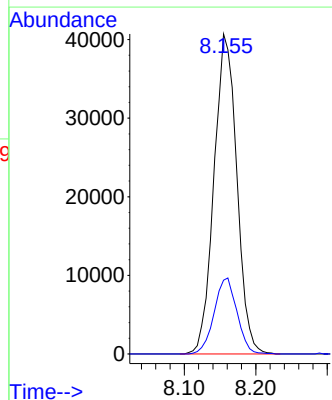
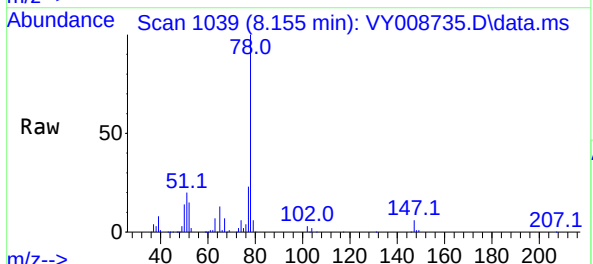
RT: 8.155 min Scan# 1039

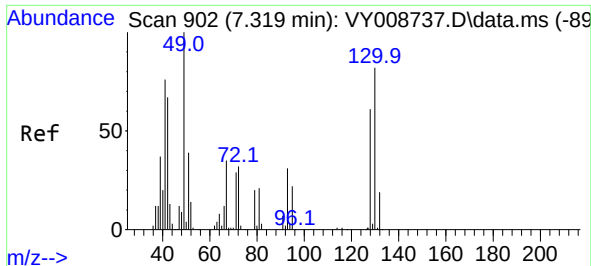
Delta R.T. 0.000 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

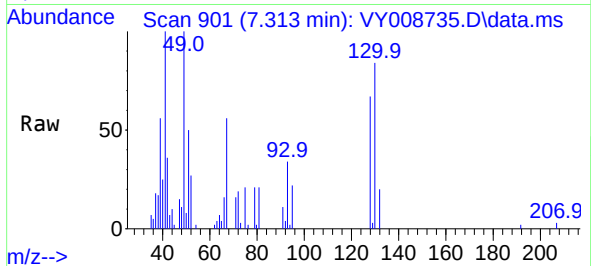
Tgt Ion: 78	Resp: 90249
Ion Ratio	Lower Upper
78 100	
77 23.0	19.4 29.0





#41
Methacrylonitrile
Concen: 11.303 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

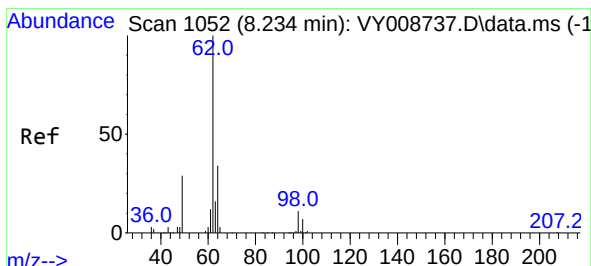
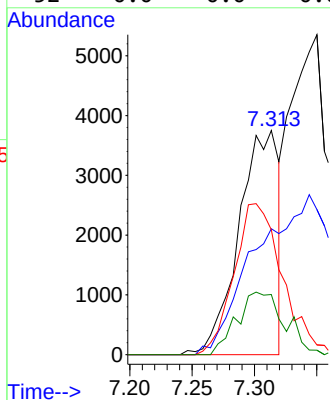
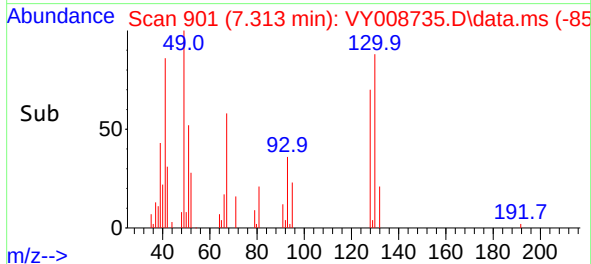
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 8400
Ion Ratio Lower Upper
41 100
39 138.7 97.1 145.7
67 0.0 0.0 0.0
52 0.0 0.0 0.0

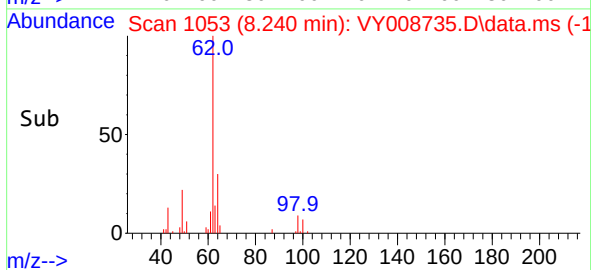
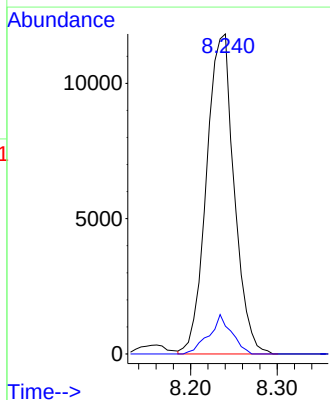
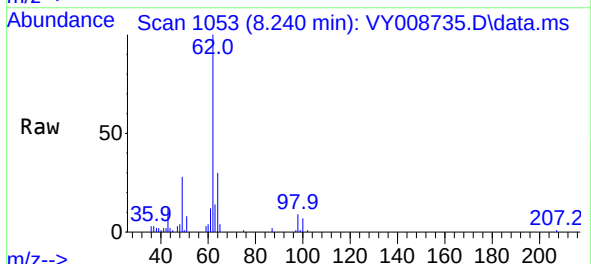
Manual Integrations
APPROVED

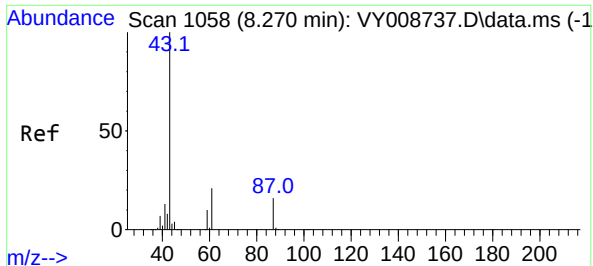
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 10.596 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

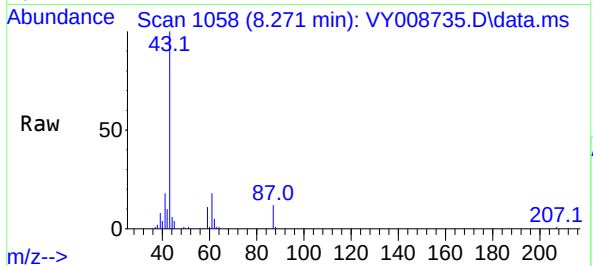
Tgt Ion: 62 Resp: 26244
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.6





#43
Isopropyl Acetate
Concen: 10.756 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

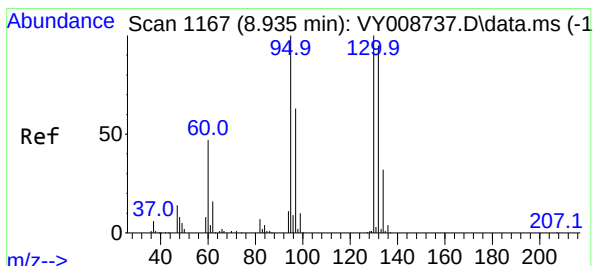
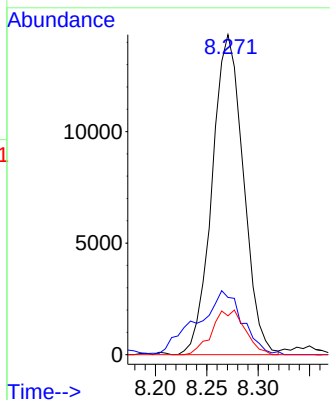
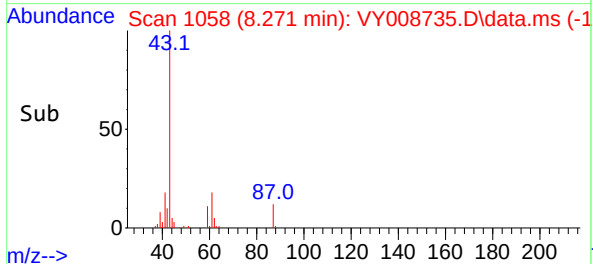
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 30338
Ion Ratio Lower Upper
43 100
61 29.1 24.6 36.8
87 14.7 11.8 17.8

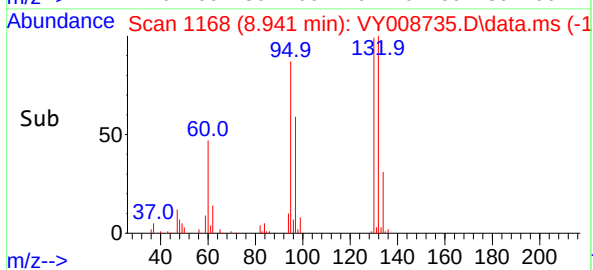
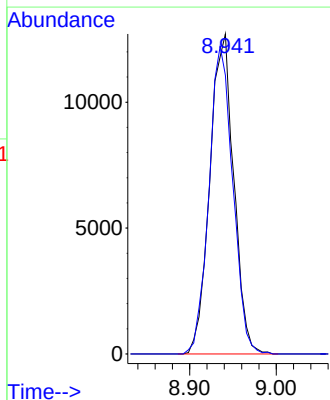
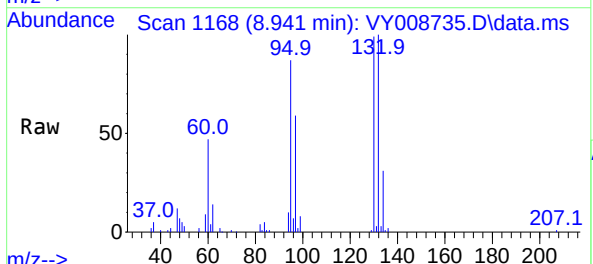
Manual Integrations
APPROVED

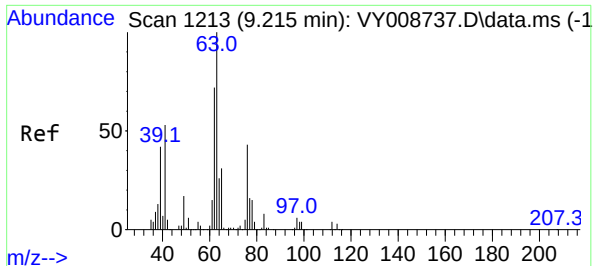
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 9.607 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion:130 Resp: 24370
Ion Ratio Lower Upper
130 100
95 87.1 0.0 199.2





#45

1,2-Dichloropropane

Concen: 10.371 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 21710

Ion Ratio Lower Upper

63 100

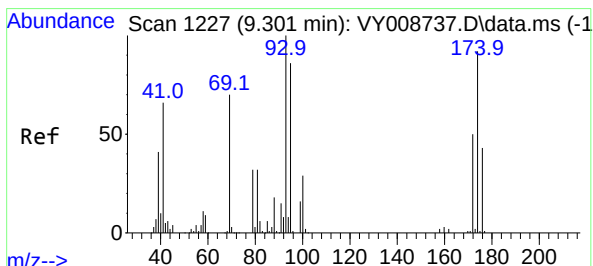
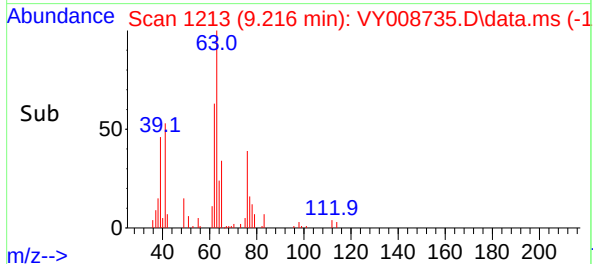
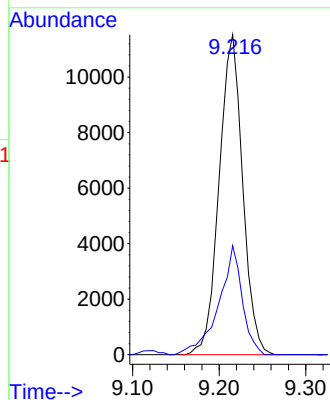
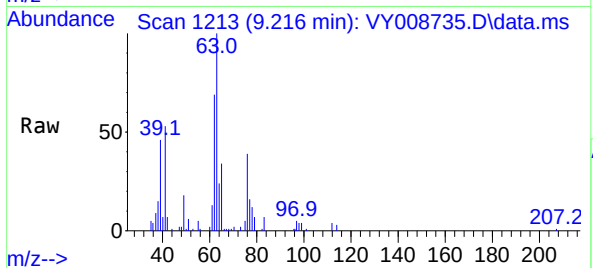
65 34.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 10.375 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

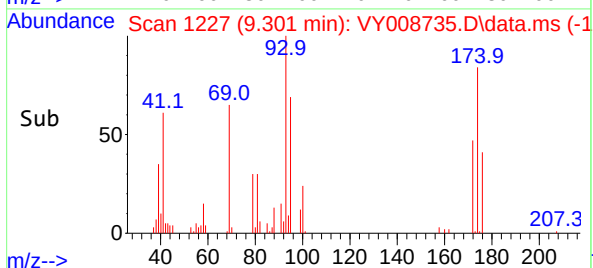
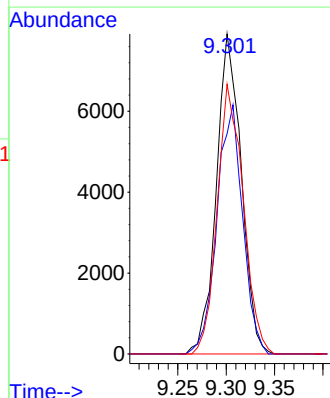
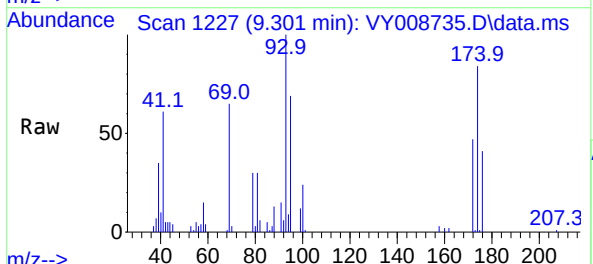
Tgt Ion: 93 Resp: 14119

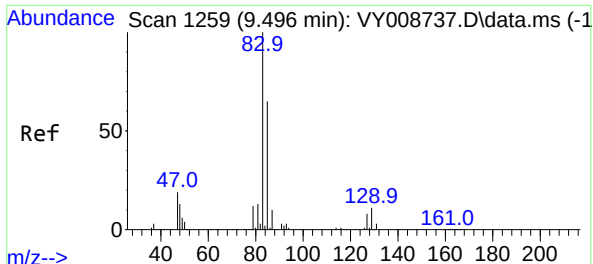
Ion Ratio Lower Upper

93 100

95 80.4 67.4 101.2

174 88.3 74.2 111.2





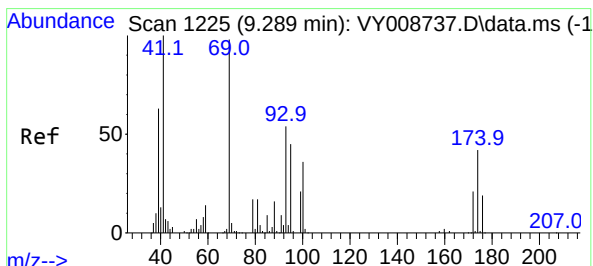
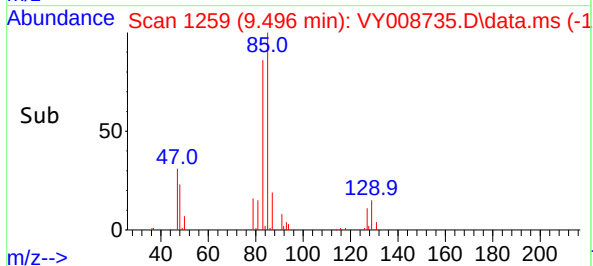
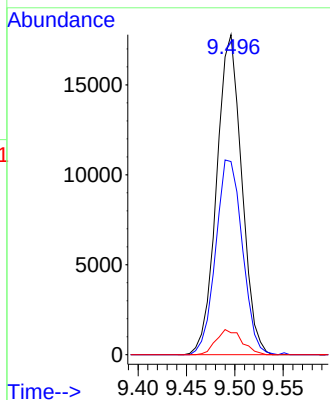
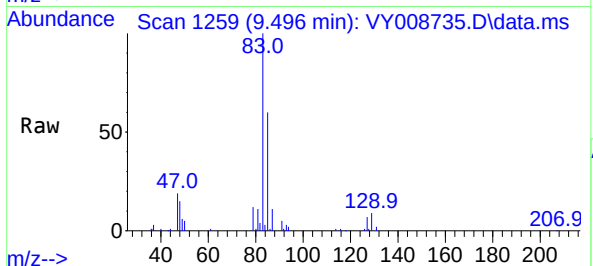
#47
Bromodichloromethane
Concen: 10.240 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3204
Ion Ratio Lower Upper
83 100
85 60.4 52.2 78.4
127 6.9 6.8 10.2

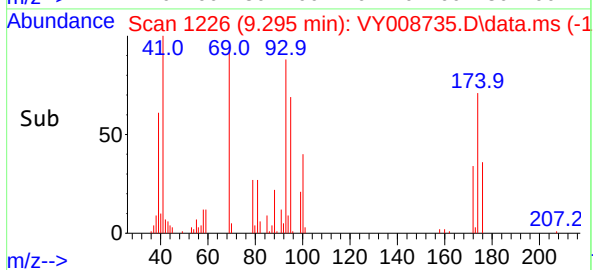
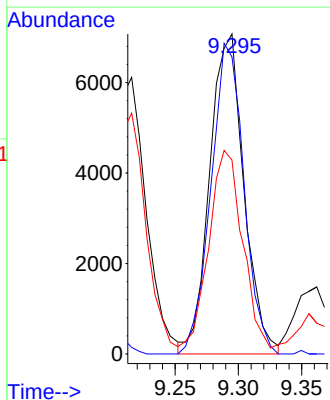
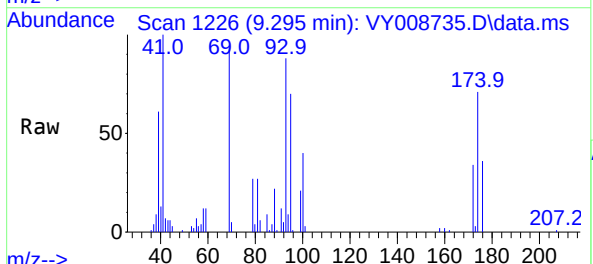
Manual Integrations
APPROVED

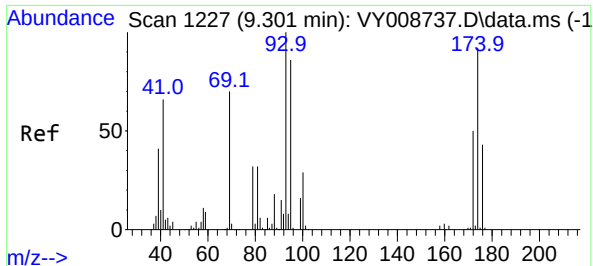
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#48
Methyl methacrylate
Concen: 10.723 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion: 41 Resp: 13286
Ion Ratio Lower Upper
41 100
69 93.7 79.4 119.0
39 60.7 49.8 74.6





#49

1,4-Dioxane

Concen: 184.213 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 3240

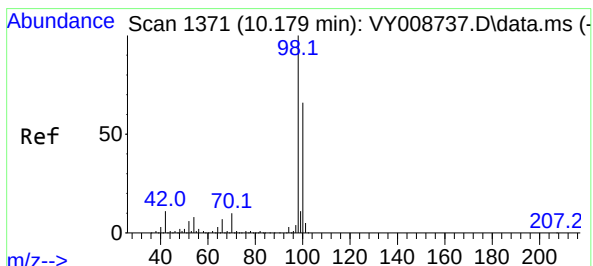
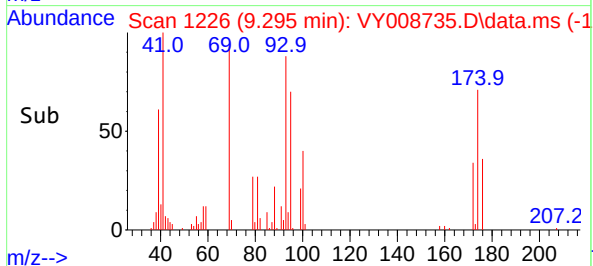
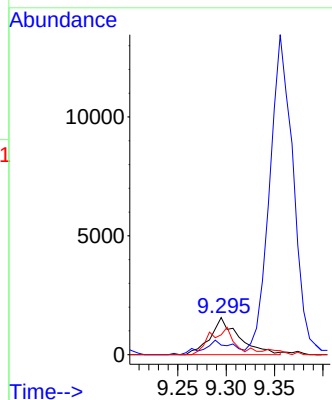
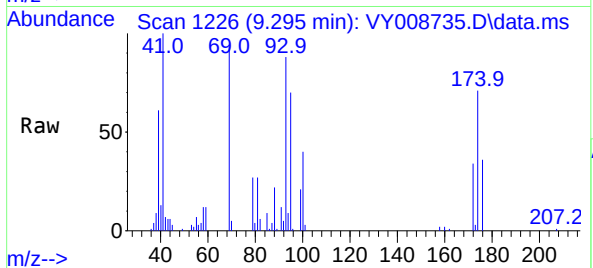
Ion	Ratio	Lower	Upper
88	100		
43	38.5	24.2	36.2
58	64.3	45.7	68.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#50

Toluene-d8

Concen: 11.013 ug/l

RT: 10.179 min Scan# 1371

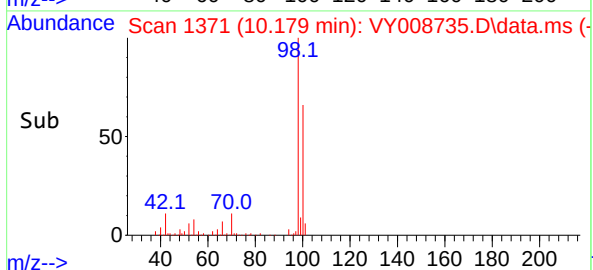
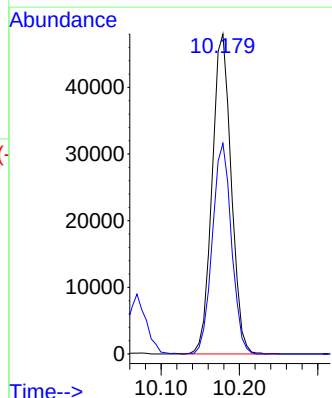
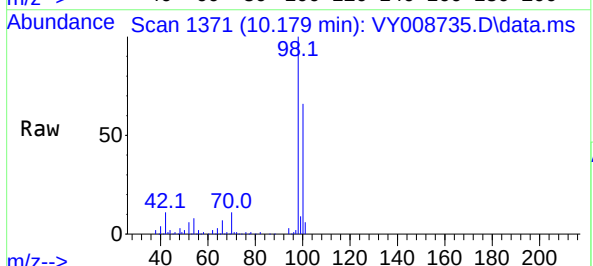
Delta R.T. 0.000 min

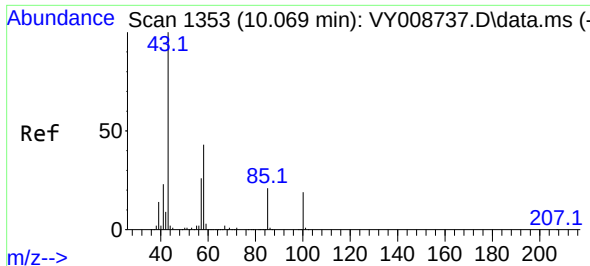
Lab File: VY008735.D

Acq: 12 May 2022 15:49

Tgt Ion: 98 Resp: 81264

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2





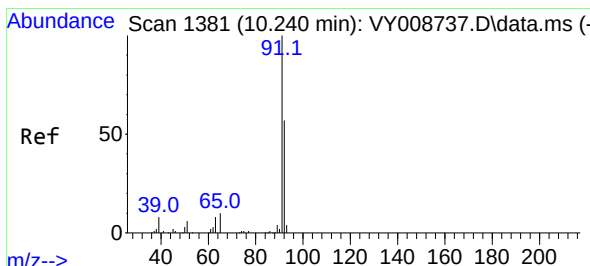
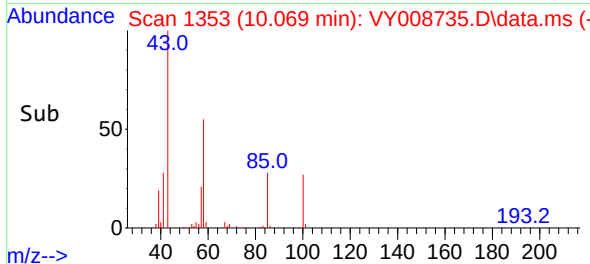
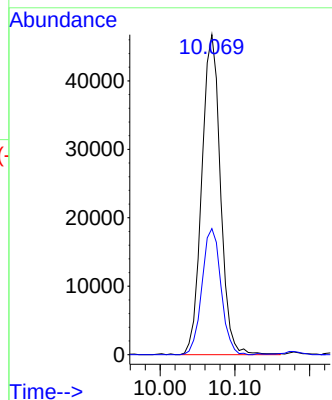
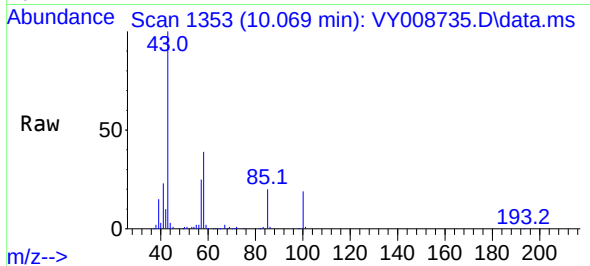
#51
4-Methyl-2-Pentanone
Concen: 56.705 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 8091
Ion Ratio Lower Upper
43 100
58 40.1 33.6 50.4

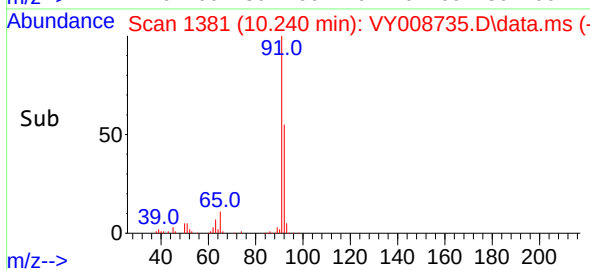
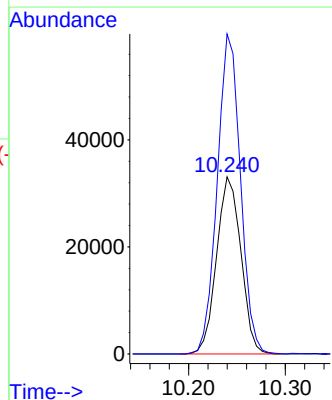
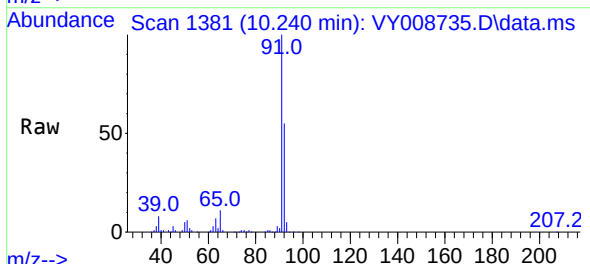
Manual Integrations
APPROVED

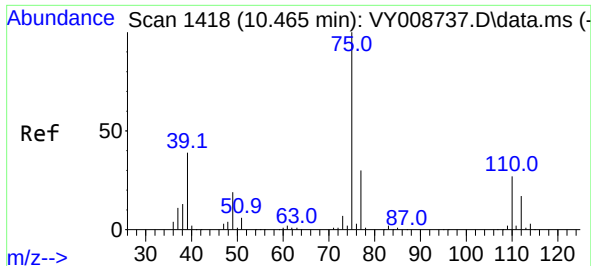
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Toluene
Concen: 9.931 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

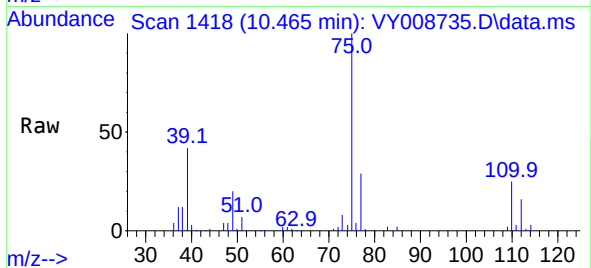
Tgt Ion: 92 Resp: 57723
Ion Ratio Lower Upper
92 100
91 172.4 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 9.932 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

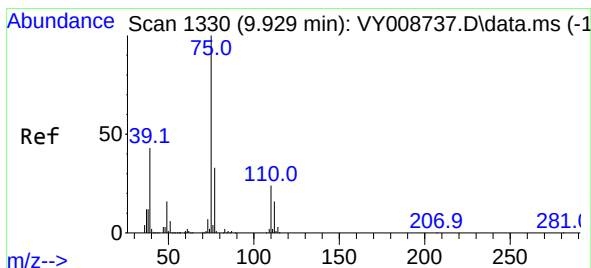
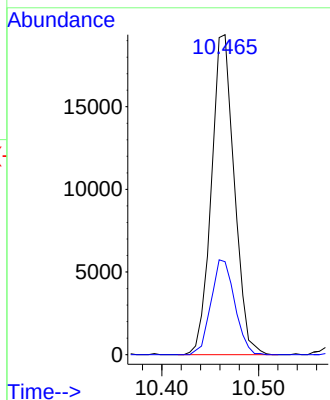
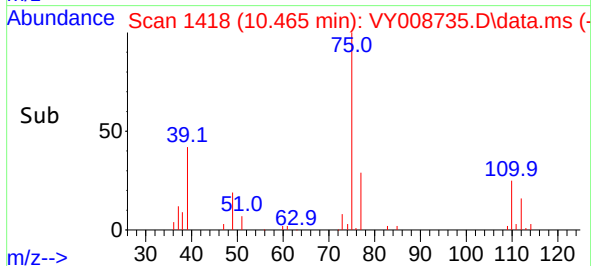
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



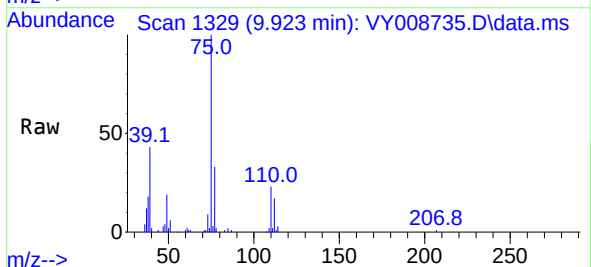
Tgt Ion: 75 Resp: 31825
Ion Ratio Lower Upper
75 100
77 29.1 24.0 36.0

Manual Integrations
APPROVED

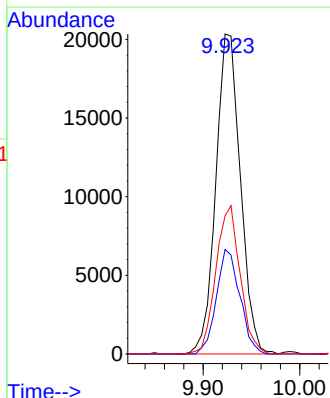
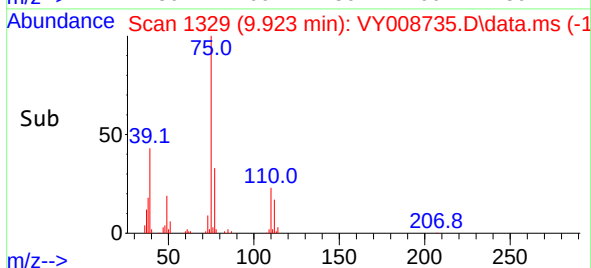
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

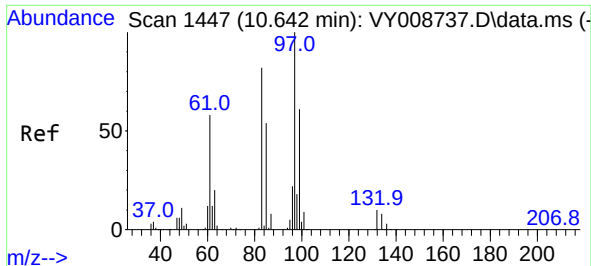


#54
cis-1,3-Dichloropropene
Concen: 9.919 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



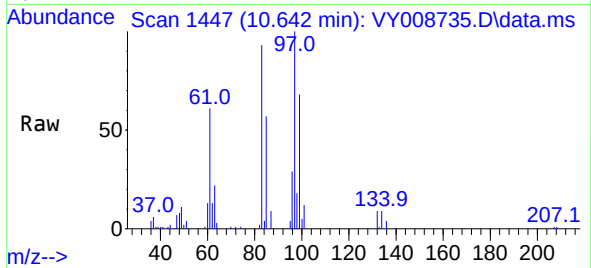
Tgt Ion: 75 Resp: 35891
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
39 43.2 34.6 51.8





#55
1,1,2-Trichloroethane
Concen: 9.943 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

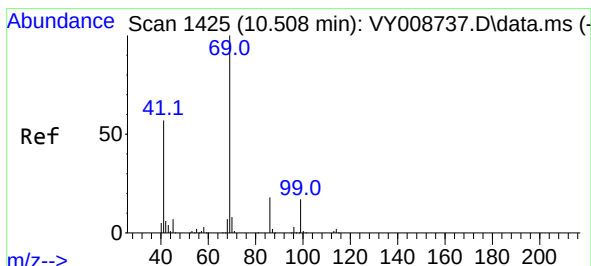
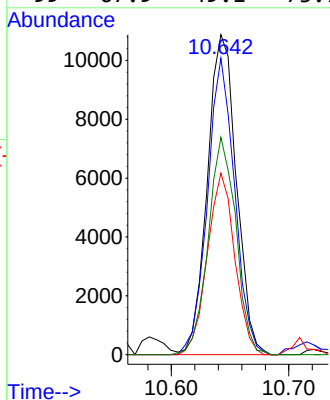
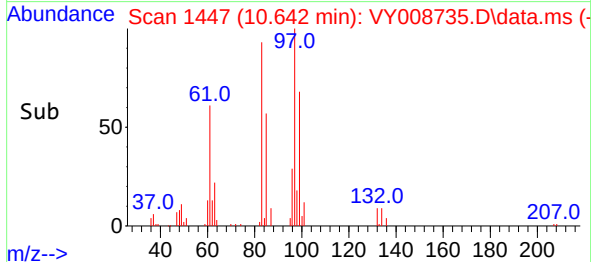
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



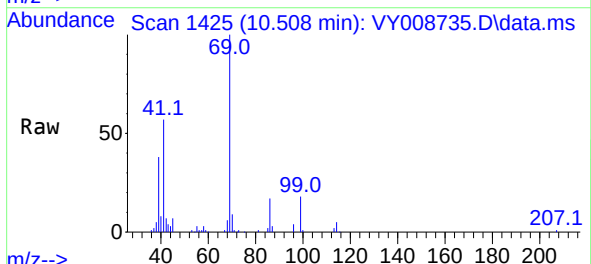
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.7	65.9	98.9
85	56.7	43.2	64.8
99	67.9	49.1	73.7

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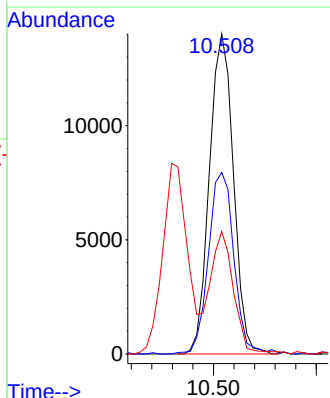
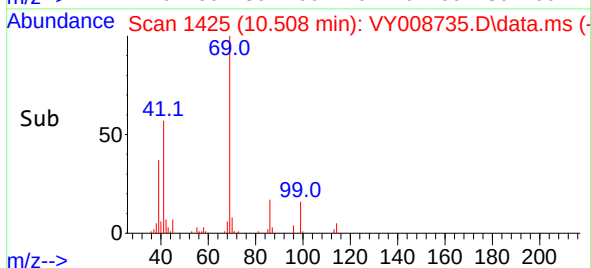
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

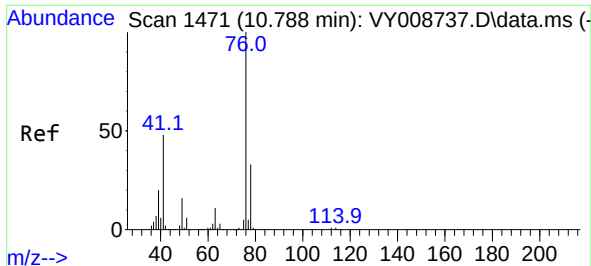


#56
Ethyl methacrylate
Concen: 9.381 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.3	45.5	68.3
39	38.4	26.6	39.8





#57

1,3-Dichloropropane

Concen: 10.068 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 3101

Ion Ratio Lower Upper

76 100

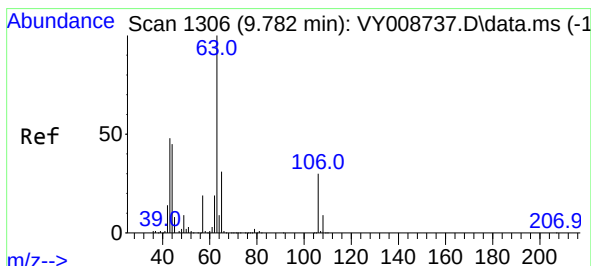
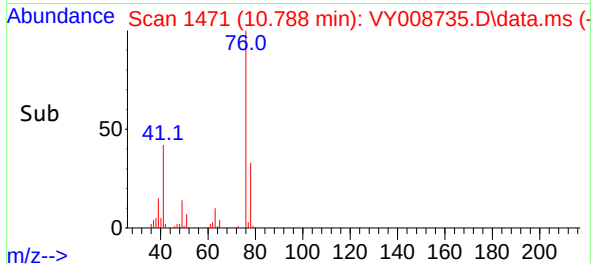
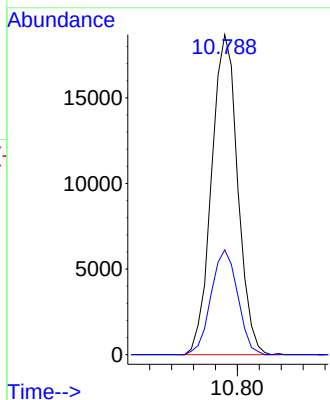
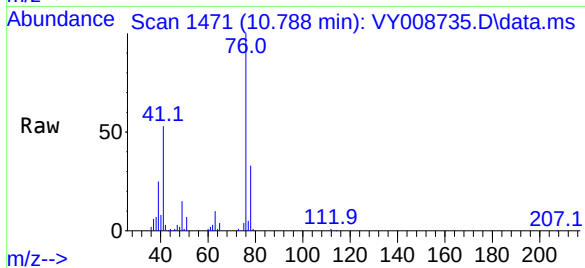
78 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 58.602 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008735.D

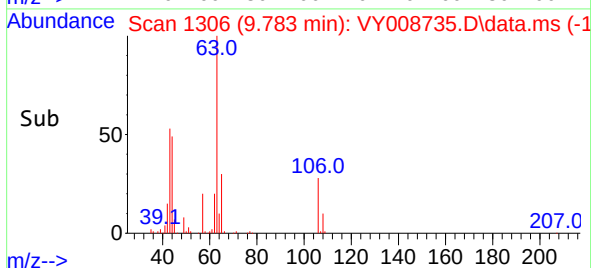
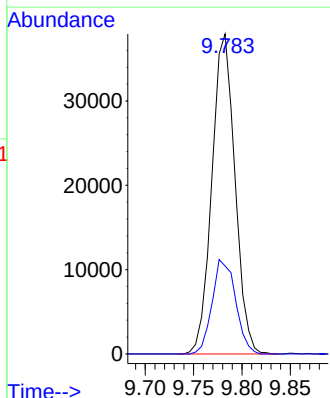
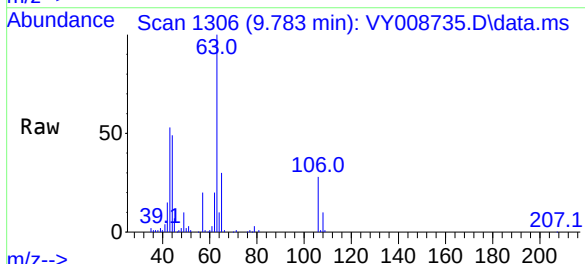
Acq: 12 May 2022 15:49

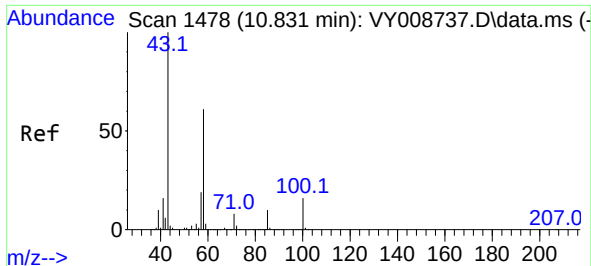
Tgt Ion: 63 Resp: 62863

Ion Ratio Lower Upper

63 100

106 30.0 23.5 35.3





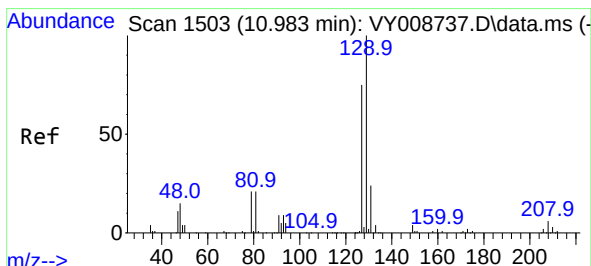
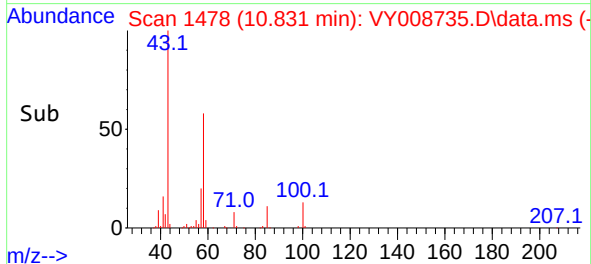
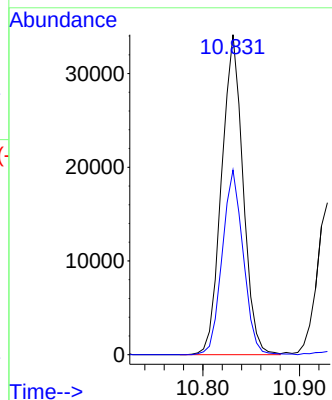
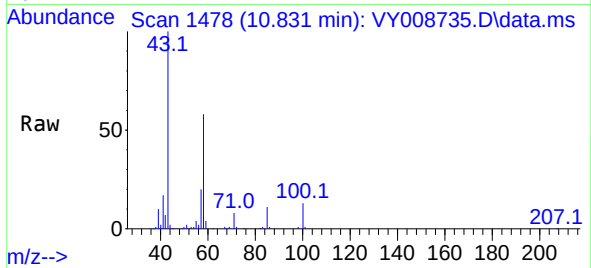
#59
2-Hexanone
Concen: 52.882 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 5246
Ion Ratio Lower Upper
43 100
58 56.5 29.6 88.8

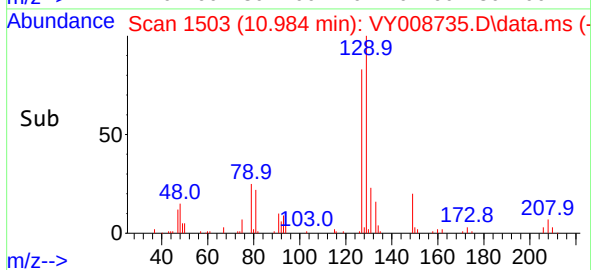
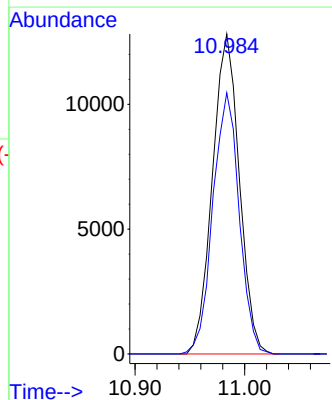
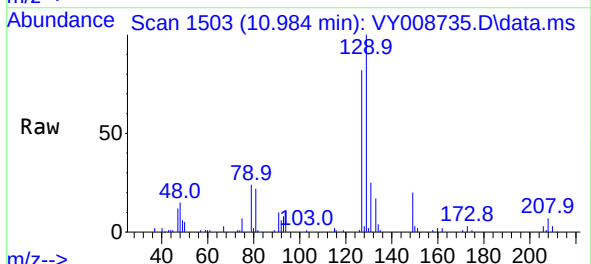
Manual Integrations
APPROVED

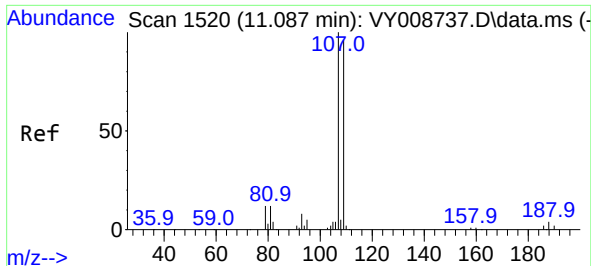
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#60
Dibromochloromethane
Concen: 9.593 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

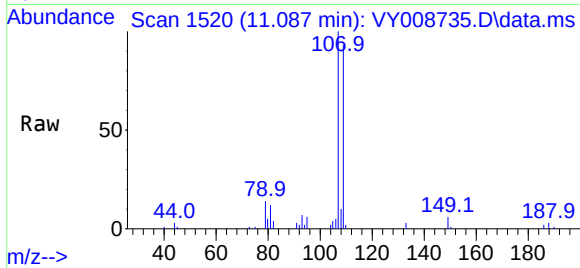
Tgt Ion:129 Resp: 21851
Ion Ratio Lower Upper
129 100
127 79.8 39.0 116.9





#61
1,2-Dibromoethane
Concen: 9.861 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

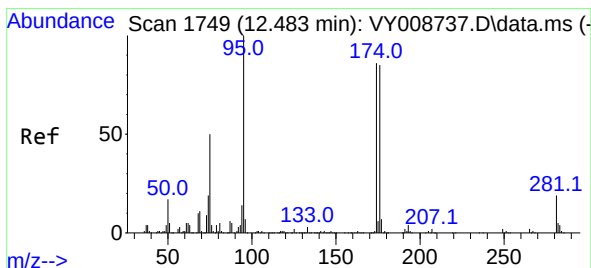
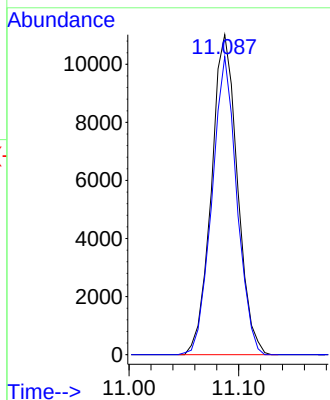
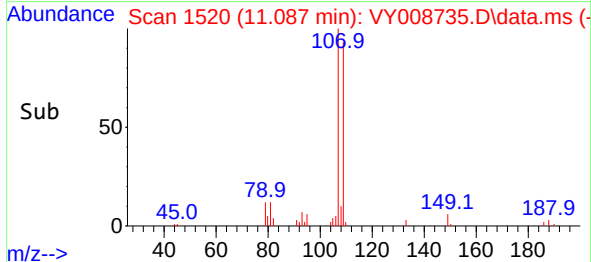
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



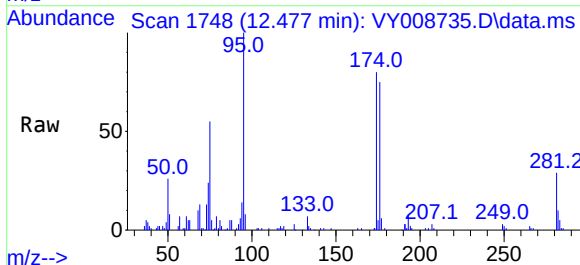
Tgt Ion:107 Resp: 1819
Ion Ratio Lower Upper
107 100
109 88.9 78.2 117.4

Manual Integrations
APPROVED

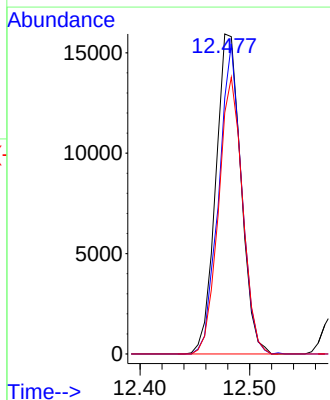
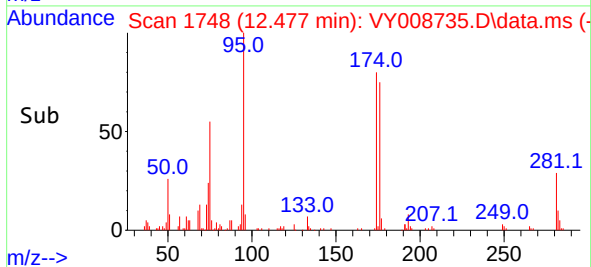
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

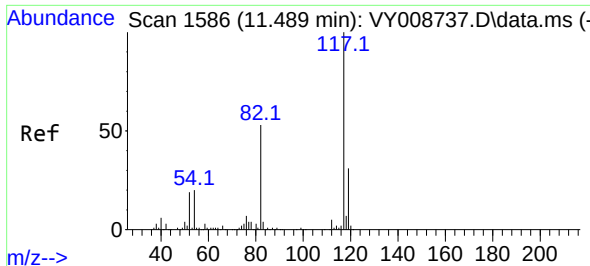


#62
4-Bromofluorobenzene
Concen: 9.755 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



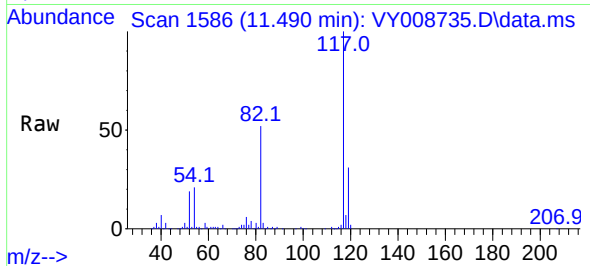
Tgt Ion: 95 Resp: 25382
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.2
176 82.5 0.0 168.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

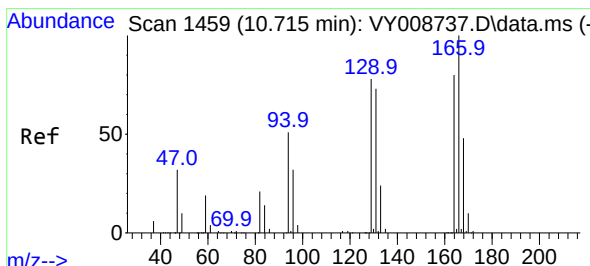
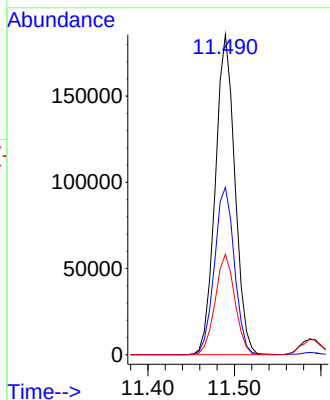
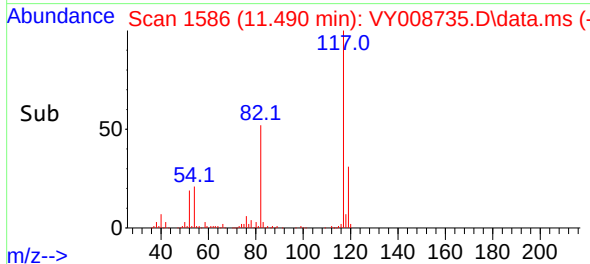
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



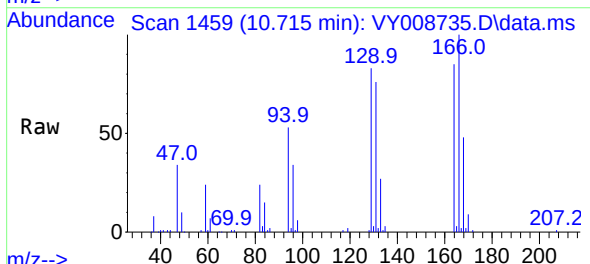
Tgt Ion:117 Resp: 291670
Ion Ratio Lower Upper
117 100
82 52.3 42.3 63.5
119 31.4 24.6 37.0

Manual Integrations
APPROVED

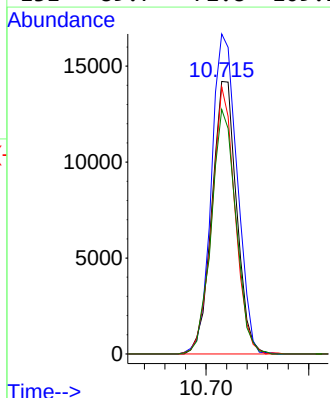
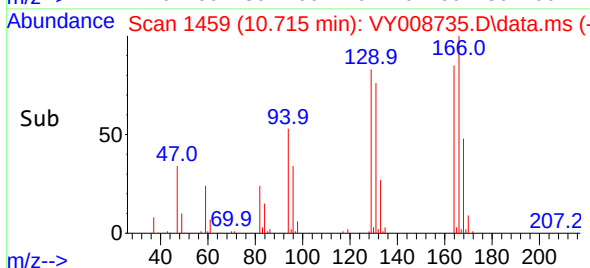
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

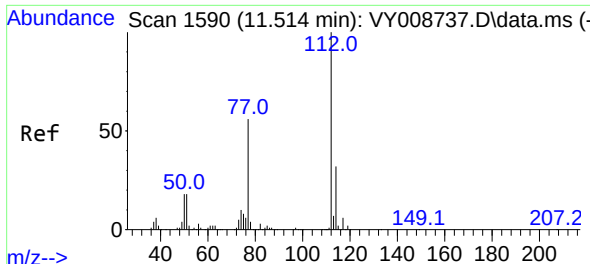


#64
Tetrachloroethene
Concen: 10.769 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



Tgt Ion:164 Resp: 23650
Ion Ratio Lower Upper
164 100
166 117.5 99.8 149.6
129 98.0 78.1 117.1
131 89.7 72.8 109.2





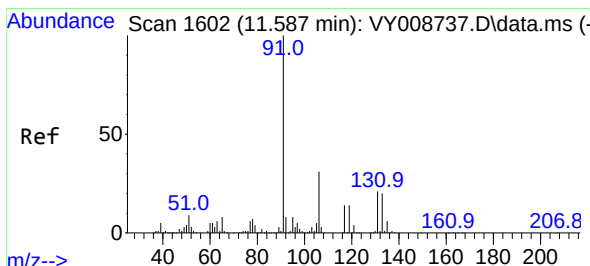
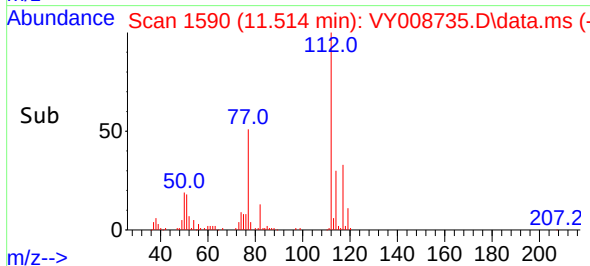
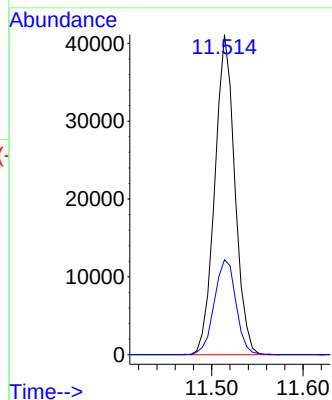
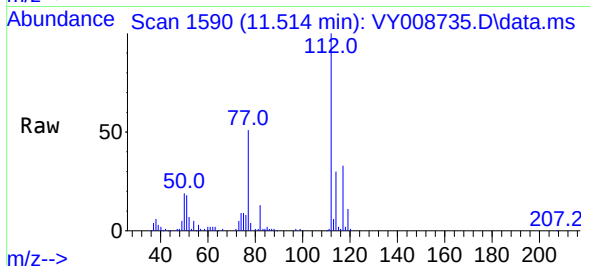
#65
Chlorobenzene
Concen: 9.773 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 62549
Ion Ratio Lower Upper
112 100
114 29.7 25.9 38.9

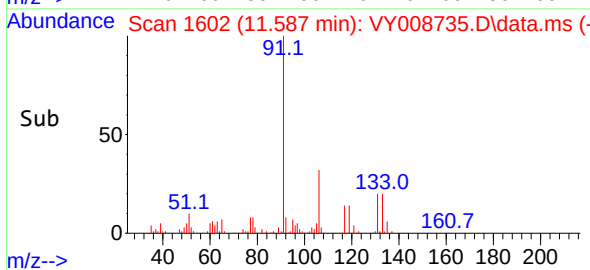
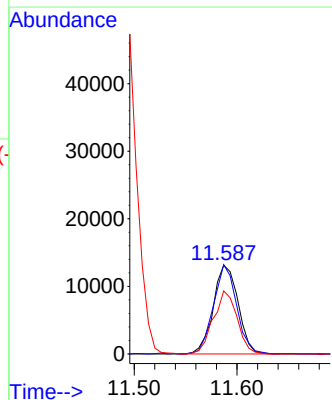
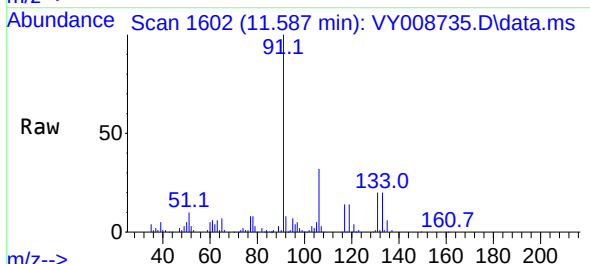
Manual Integrations
APPROVED

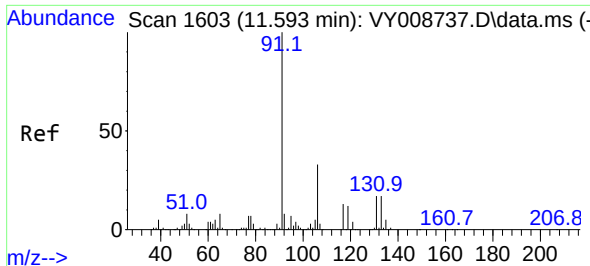
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.290 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion:131 Resp: 21966
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.3
119 67.9 33.1 99.3





#67

Ethyl Benzene

Concen: 9.432 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008735.D

Acq: 12 May 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 106864

Ion Ratio Lower Upper

91 100

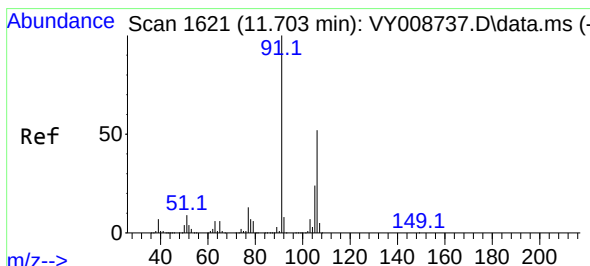
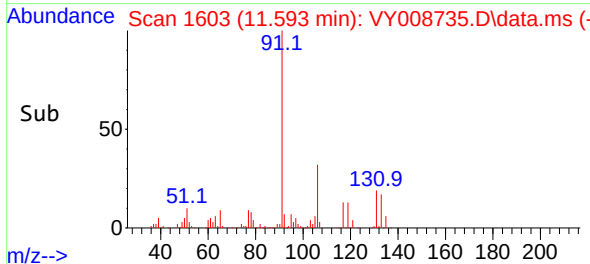
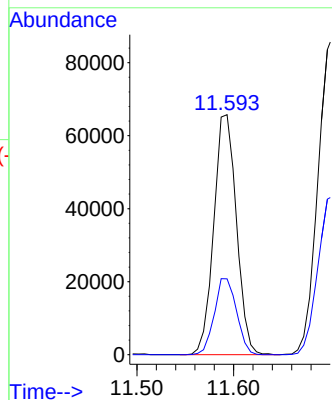
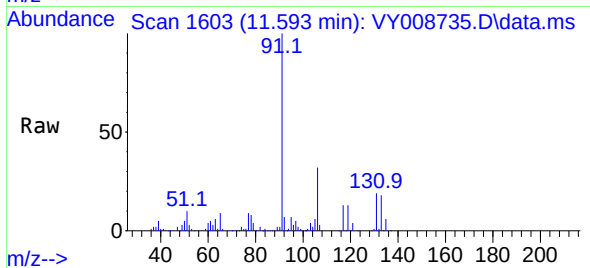
106 31.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#68

m/p-Xylenes

Concen: 18.348 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008735.D

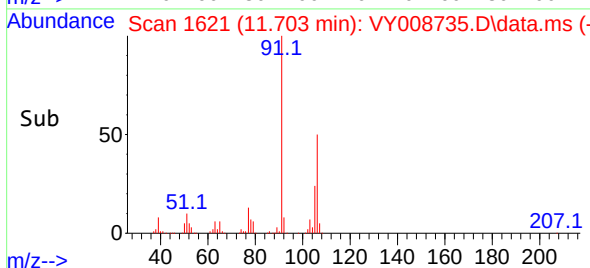
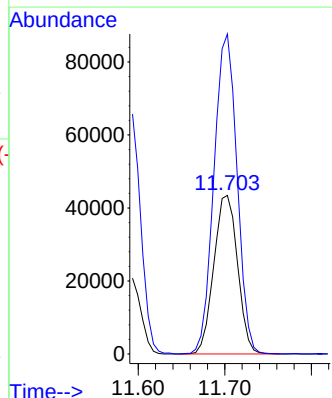
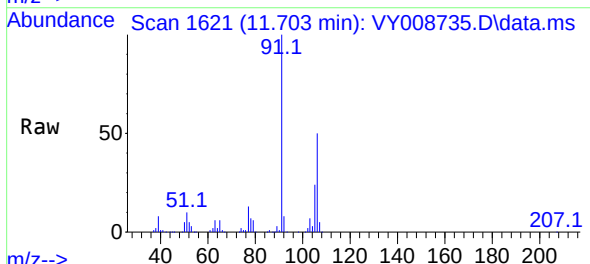
Acq: 12 May 2022 15:49

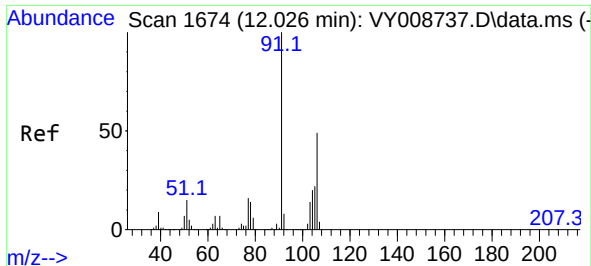
Tgt Ion:106 Resp: 82741

Ion Ratio Lower Upper

106 100

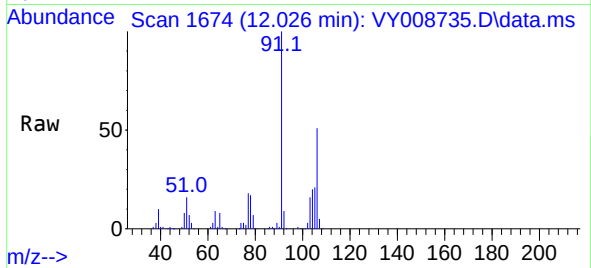
91 196.2 156.4 234.6





#69
o-Xylene
Concen: 9.081 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

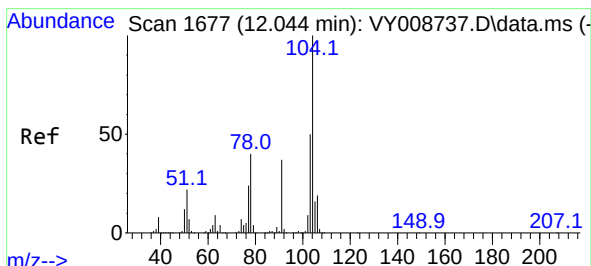
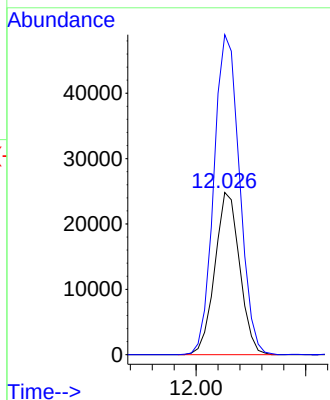
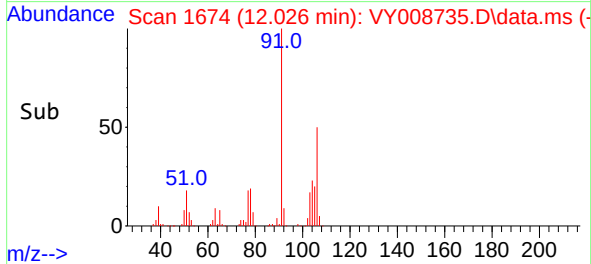
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



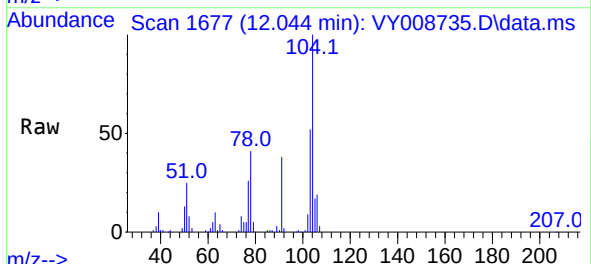
Tgt Ion:106 Resp: 3899
Ion Ratio Lower Upper
106 100
91 204.0 102.7 308.1

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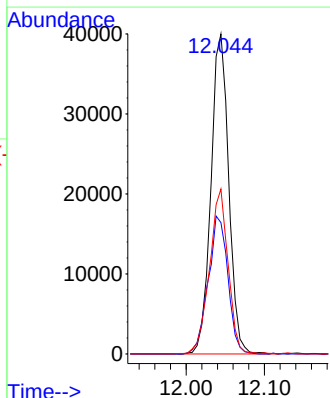
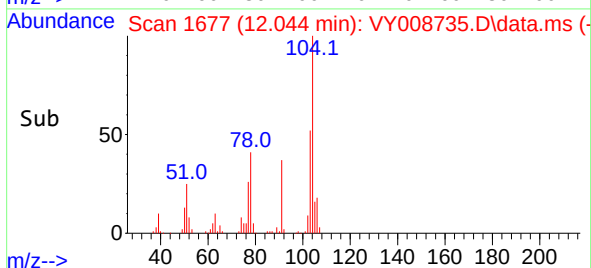
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

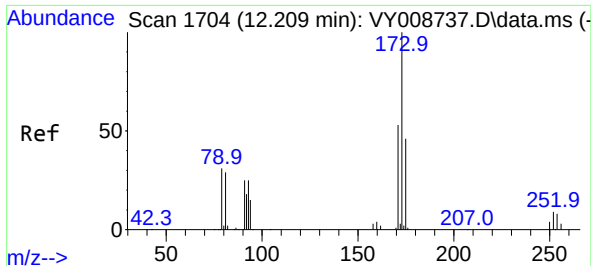


#70
Styrene
Concen: 8.901 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



Tgt Ion:104 Resp: 63038
Ion Ratio Lower Upper
104 100
78 47.7 35.9 53.9
103 54.0 43.1 64.7





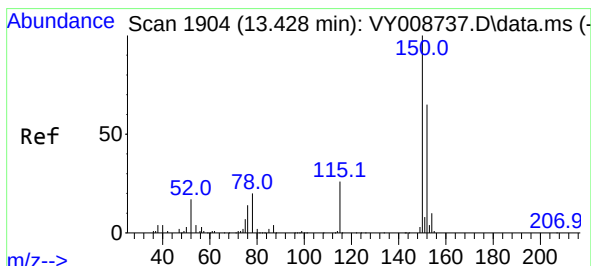
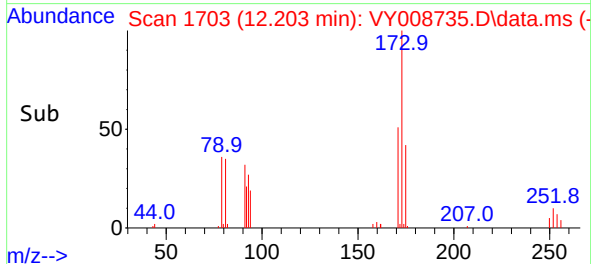
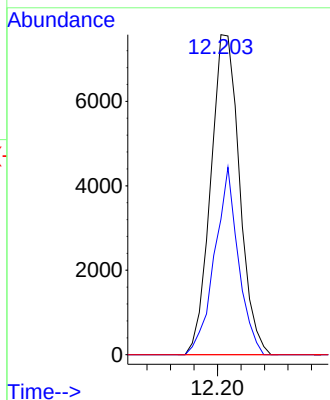
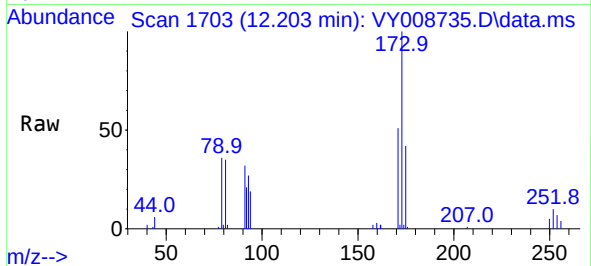
#71
Bromoform
Concen: 9.174 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 12910
Ion Ratio Lower Upper
173 100
175 48.4 24.0 72.0
254 0.0 0.0 0.0

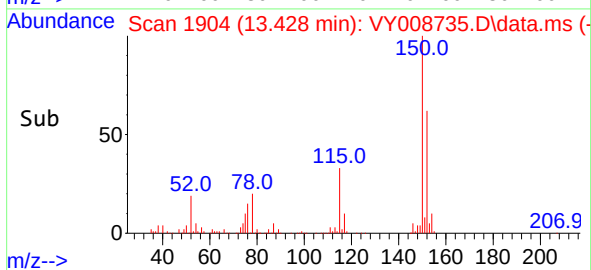
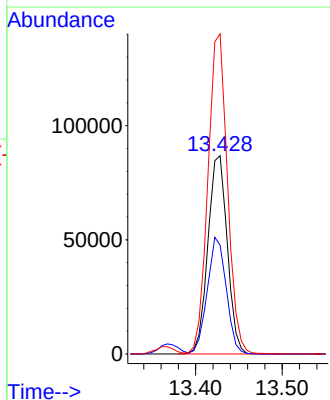
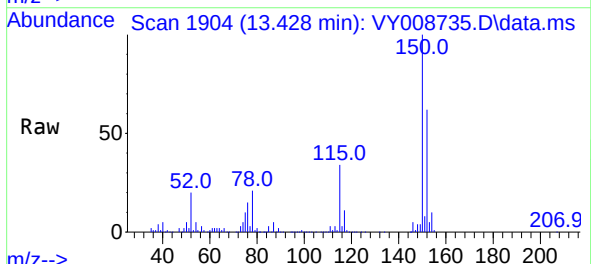
Manual Integrations
APPROVED

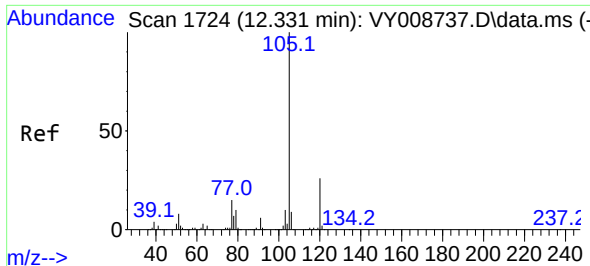
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion:152 Resp: 134810
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 163.3 0.0 348.2





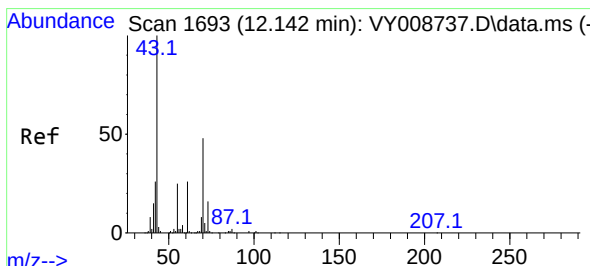
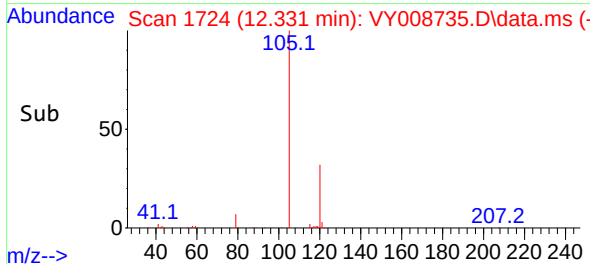
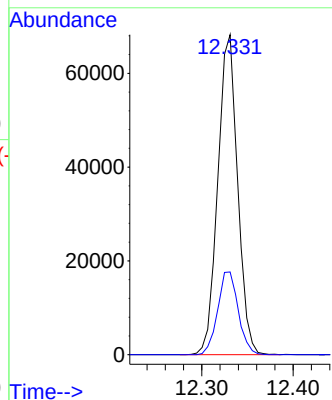
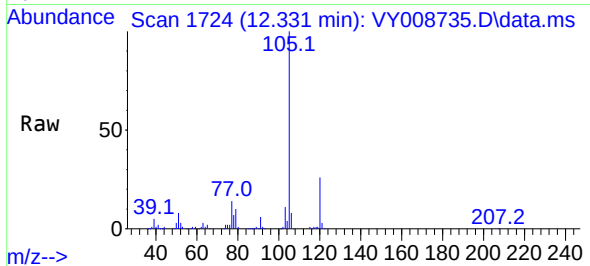
#73
Isopropylbenzene
Concen: 9.461 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 102660
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

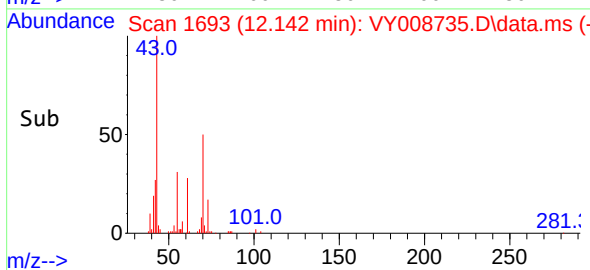
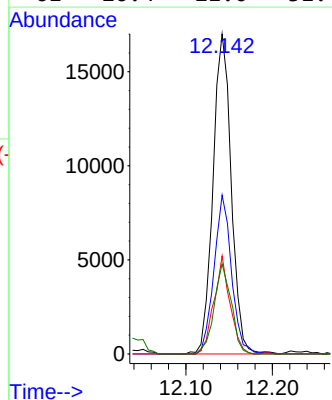
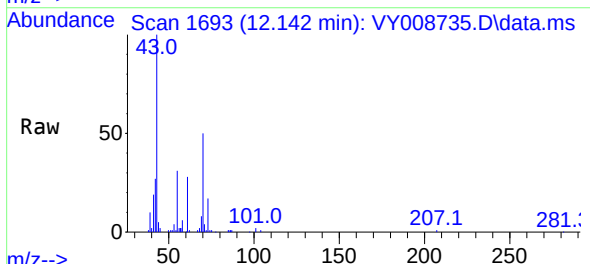
Manual Integrations
APPROVED

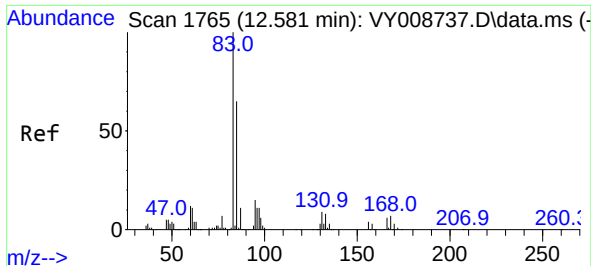
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#74
N-ethyl acetate
Concen: 10.419 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

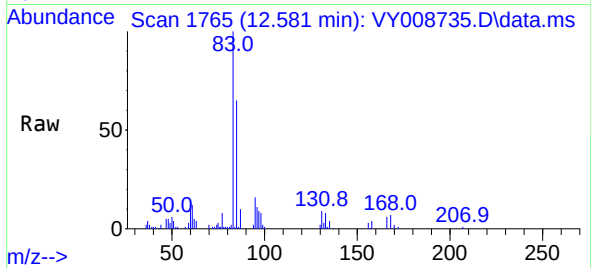
Tgt Ion: 43 Resp: 24905
Ion Ratio Lower Upper
43 100
70 48.0 39.0 58.4
55 27.1 20.2 30.4
61 26.4 21.0 31.4





#75
1,1,2,2-Tetrachloroethane
Concen: 10.666 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

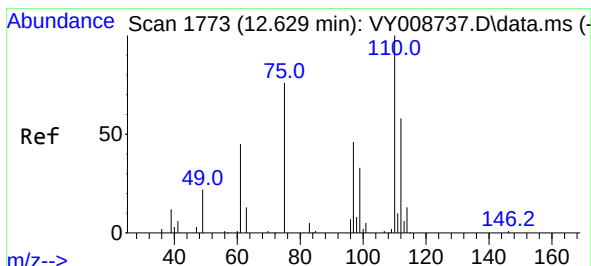
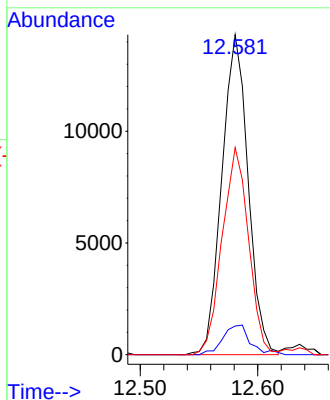
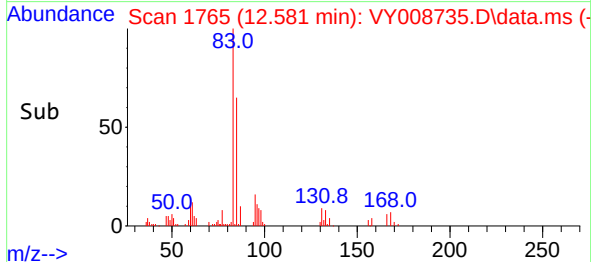
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



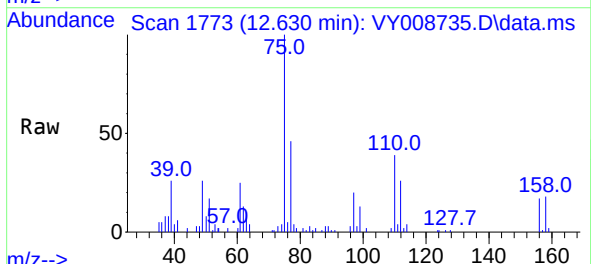
Tgt Ion: 83 Resp: 2223
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 65.2 32.2 96.6

Manual Integrations
APPROVED

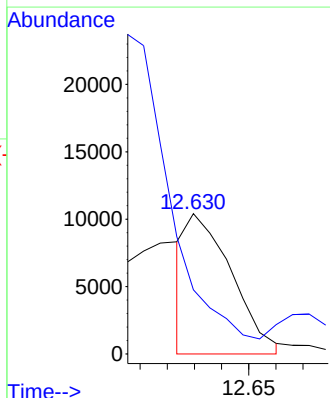
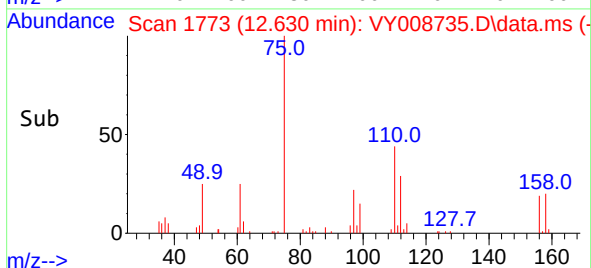
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

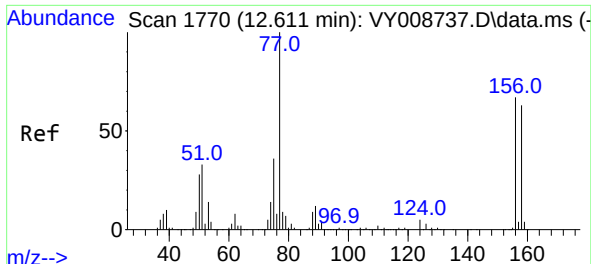


#76
1,2,3-Trichloropropane
Concen: 7.575 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



Tgt Ion: 75 Resp: 12034
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





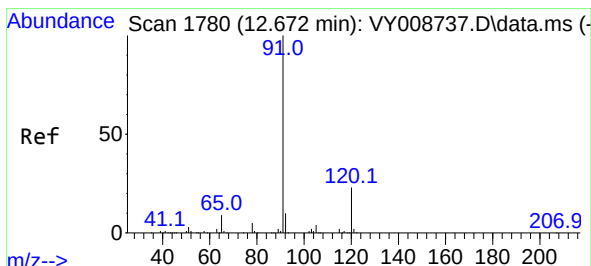
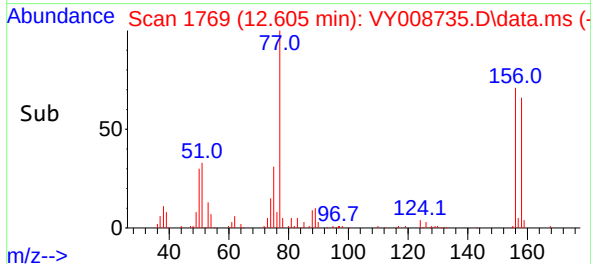
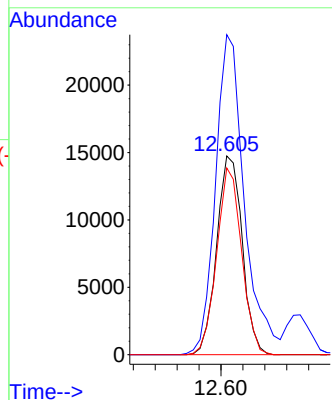
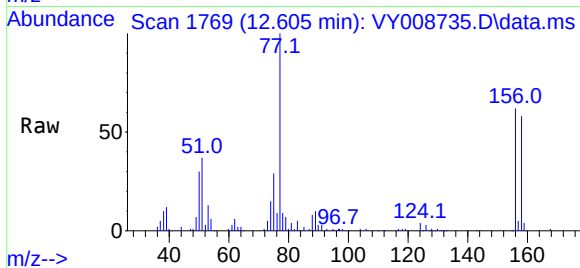
#77
Bromobenzene
Concen: 9.712 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 2386
Ion Ratio Lower Upper
156 100
77 181.8 91.1 273.3
158 91.8 48.2 144.6

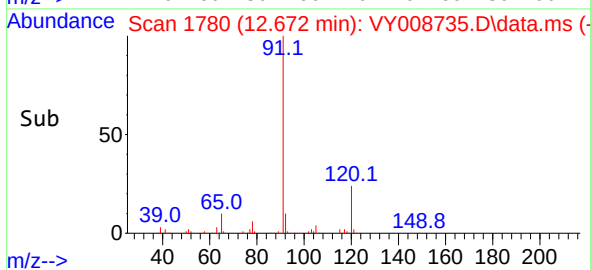
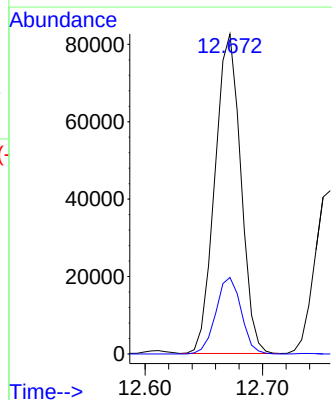
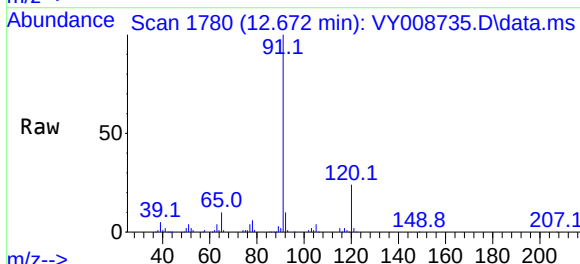
Manual Integrations
APPROVED

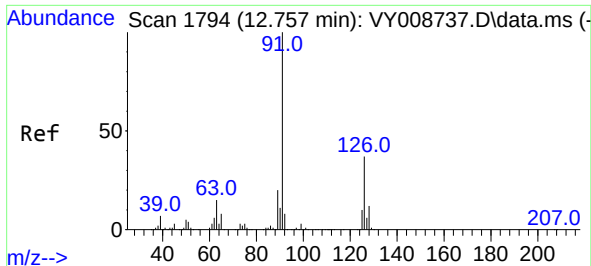
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#78
n-propylbenzene
Concen: 9.813 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion: 91 Resp: 126313
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





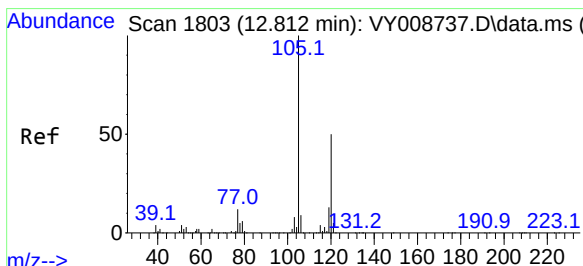
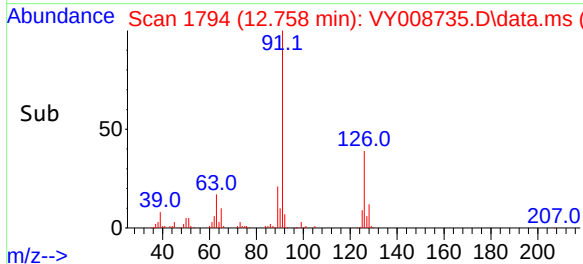
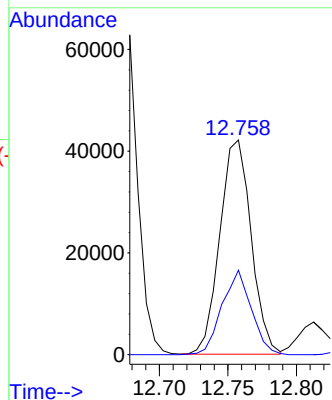
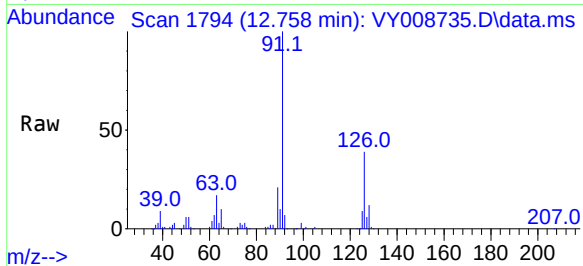
#79
2-Chlorotoluene
Concen: 9.443 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 67000
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.3

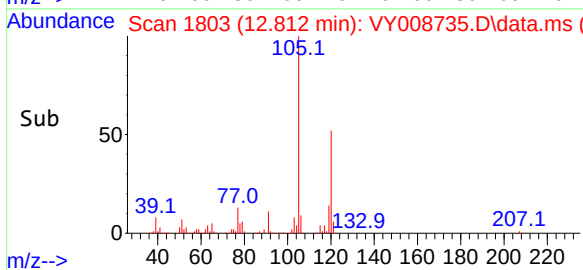
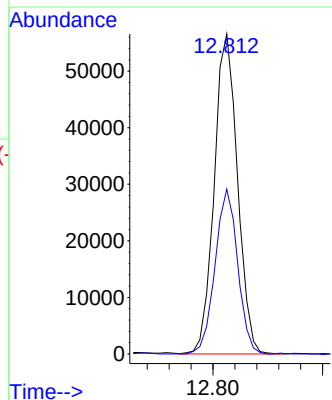
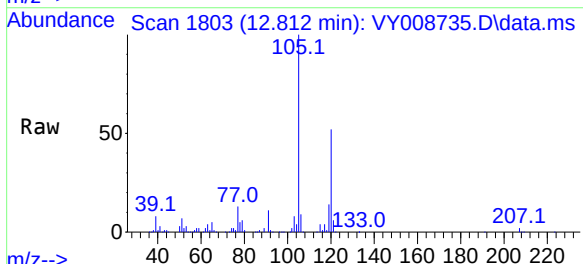
Manual Integrations
APPROVED

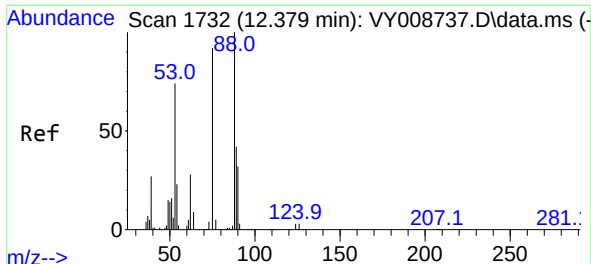
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.338 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

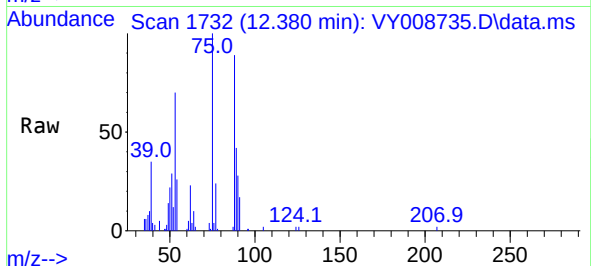
Tgt Ion:105 Resp: 83300
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 10.188 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

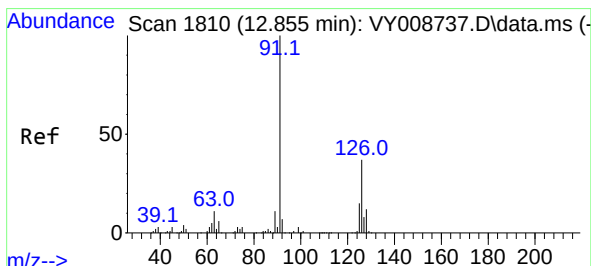
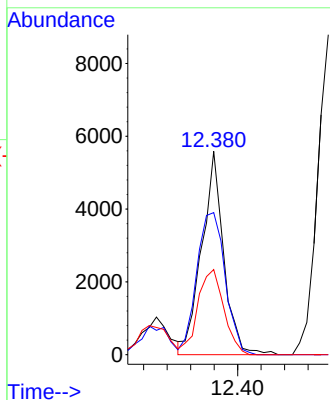
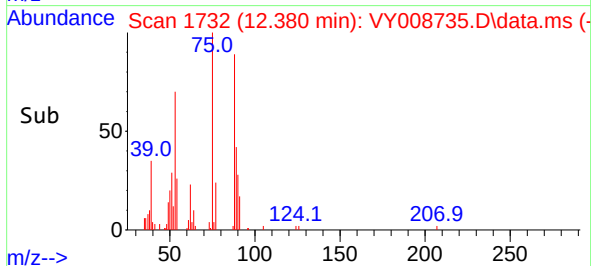
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 725
Ion Ratio Lower Upper
75 100
53 90.5 66.3 99.5
89 49.7 36.8 55.2

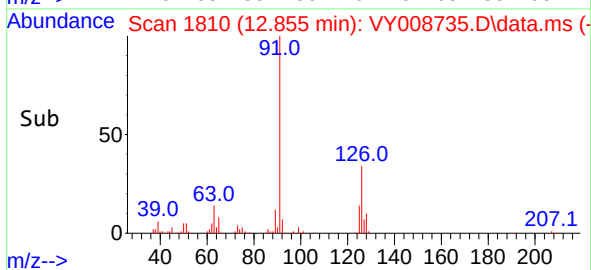
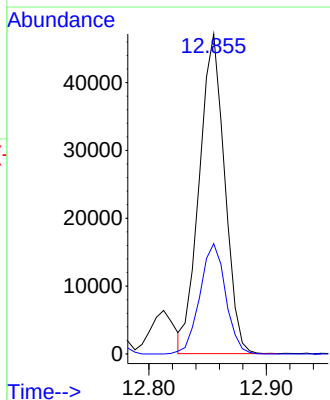
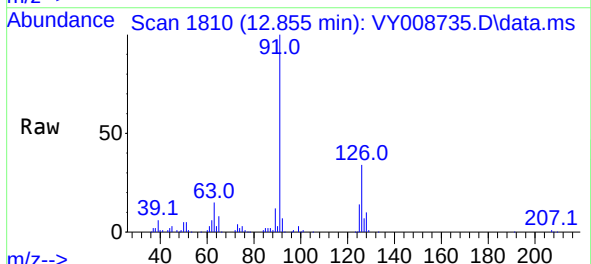
Manual Integrations
APPROVED

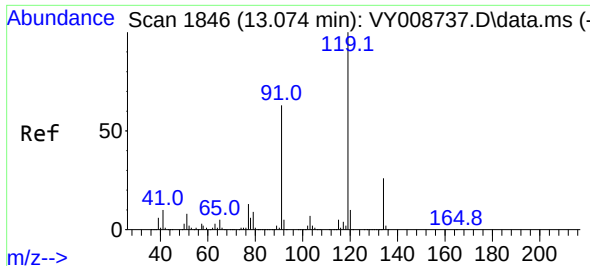
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#82
4-Chlorotoluene
Concen: 9.610 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion: 91 Resp: 70545
Ion Ratio Lower Upper
91 100
126 35.0 17.9 53.8





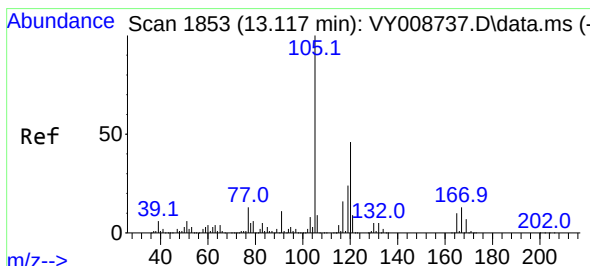
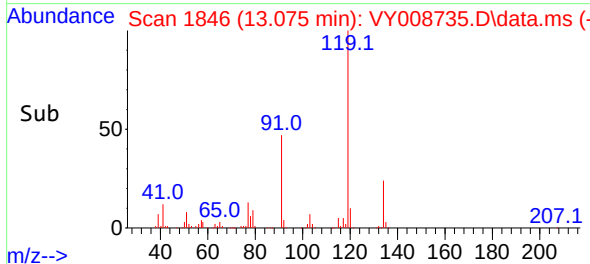
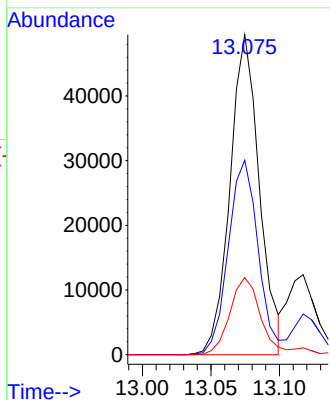
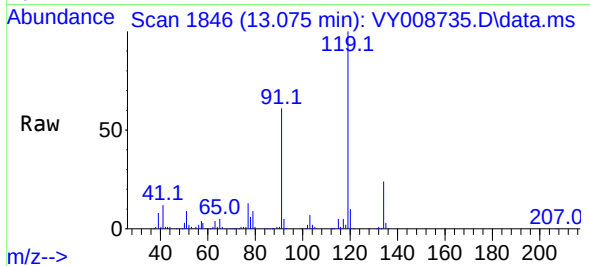
#83
tert-Butylbenzene
Concen: 9.366 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 74052
Ion Ratio Lower Upper
119 100
91 61.4 31.2 93.6
134 26.3 13.5 40.5

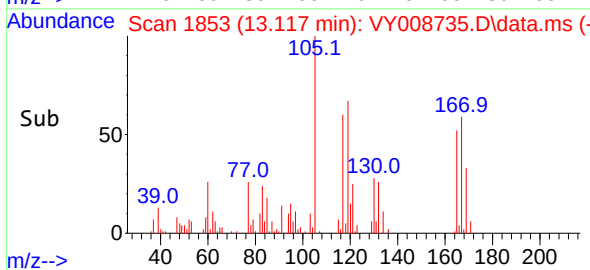
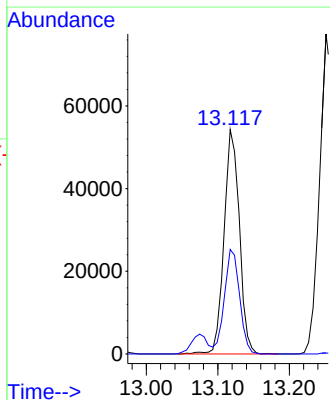
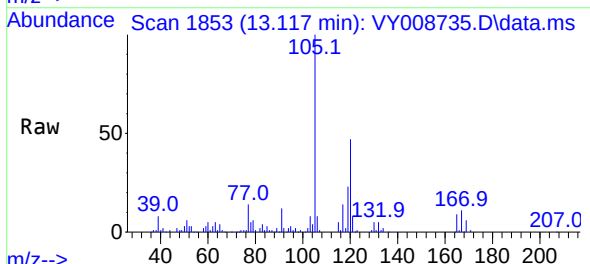
Manual Integrations
APPROVED

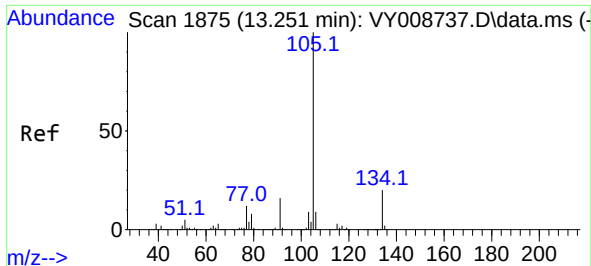
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 9.244 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion:105 Resp: 80736
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6





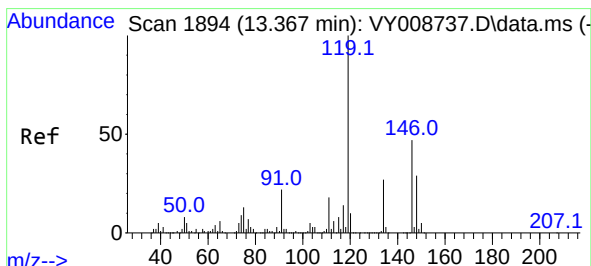
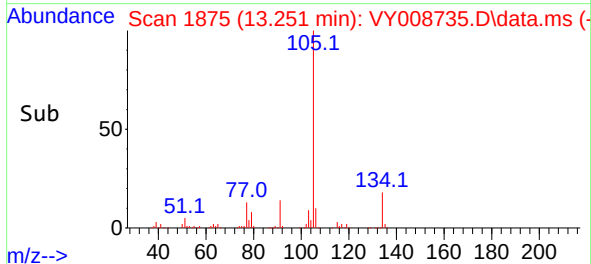
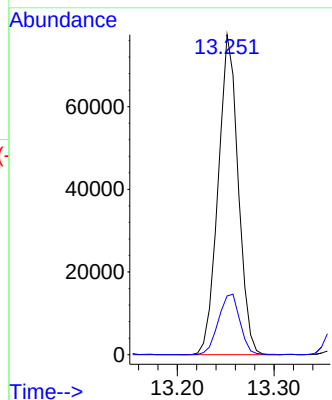
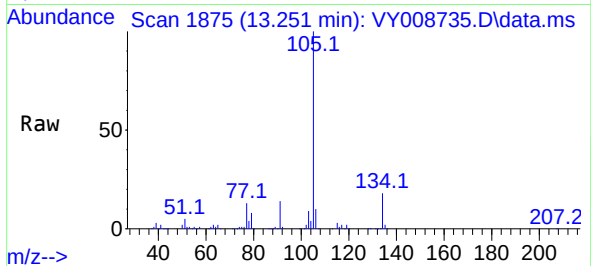
#85
 sec-Butylbenzene
 Concen: 9.429 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008735.D
 Acq: 12 May 2022 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 11134
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1

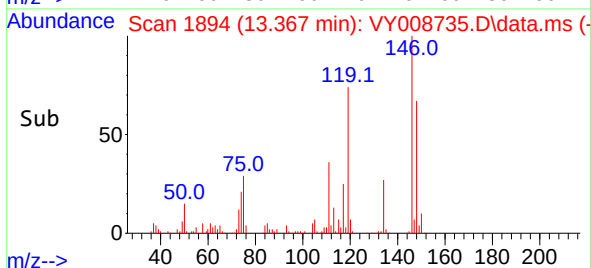
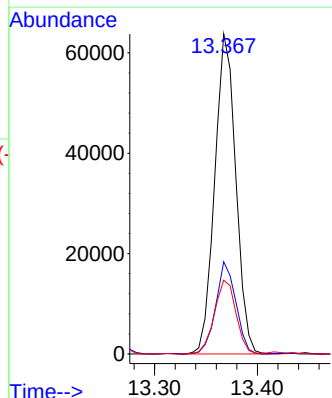
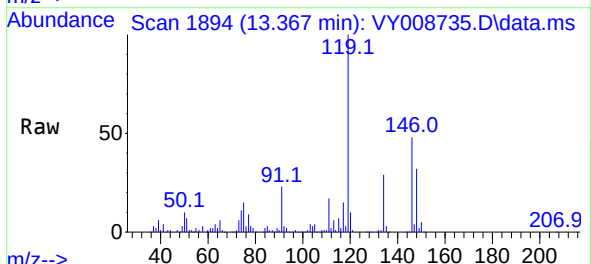
Manual Integrations
 APPROVED

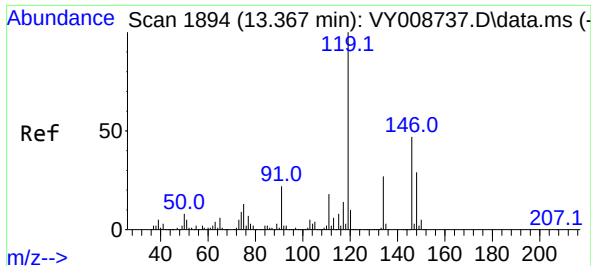
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#86
 p-Isopropyltoluene
 Concen: 9.247 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008735.D
 Acq: 12 May 2022 15:49

Tgt Ion:119 Resp: 90734
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.9
 91 23.7 11.1 33.3





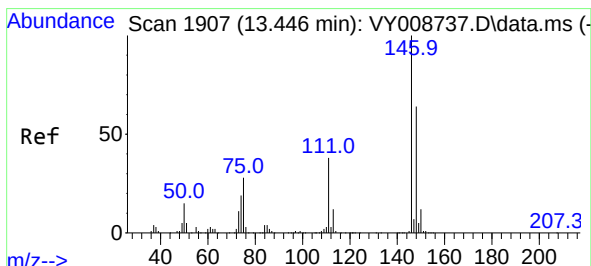
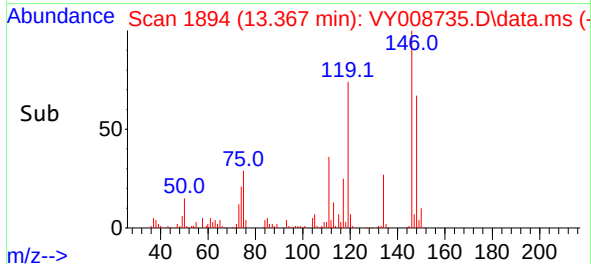
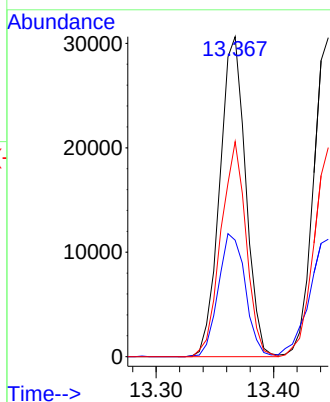
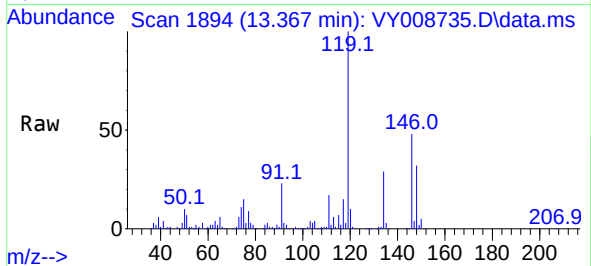
#87
1,3-Dichlorobenzene
Concen: 9.475 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 46900
Ion Ratio Lower Upper
146 100
111 40.1 19.3 57.9
148 65.5 31.4 94.2

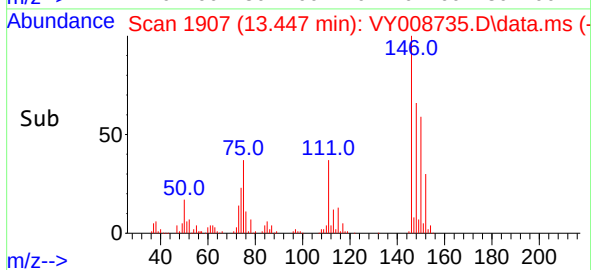
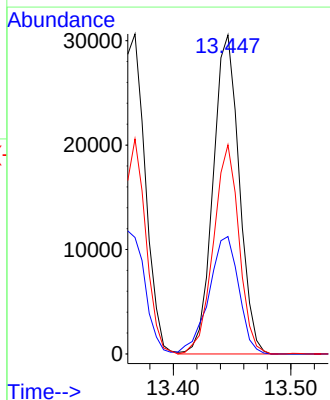
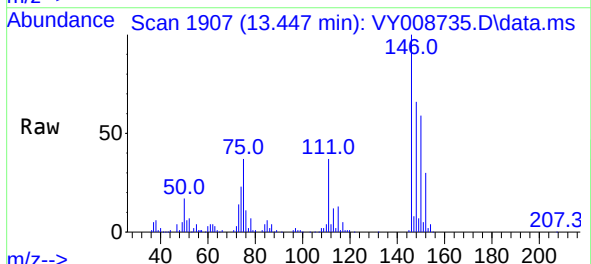
Manual Integrations
APPROVED

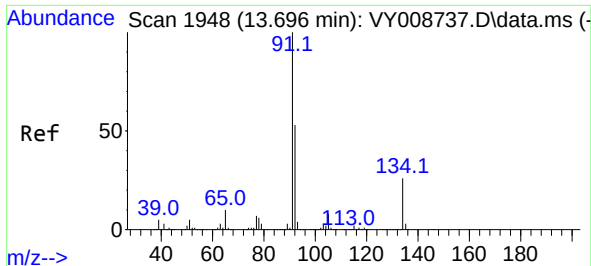
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#88
1,4-Dichlorobenzene
Concen: 9.591 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion:146 Resp: 47200
Ion Ratio Lower Upper
146 100
111 42.2 19.0 57.0
148 64.3 32.0 96.0





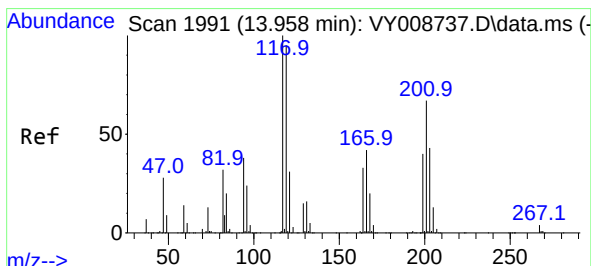
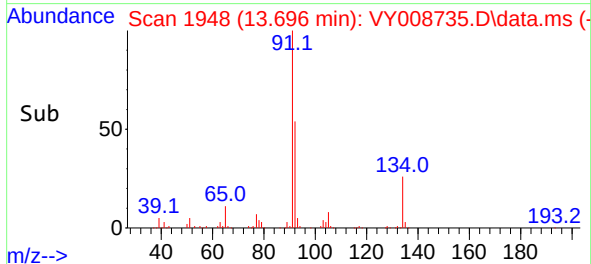
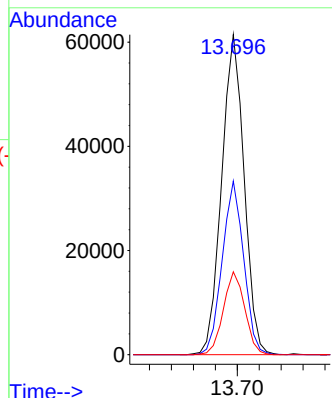
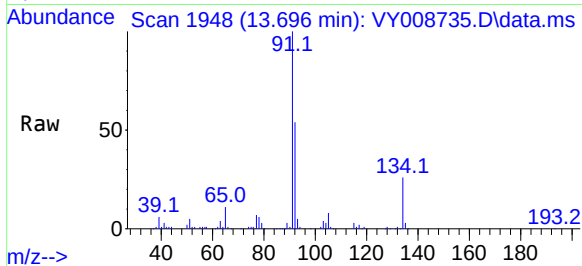
#89
n-Butylbenzene
Concen: 9.642 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 87468
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 24.7 13.2 39.6

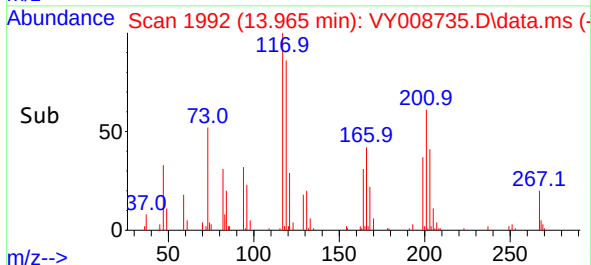
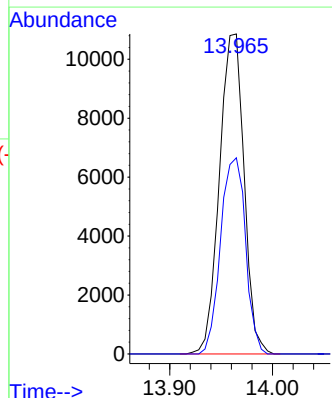
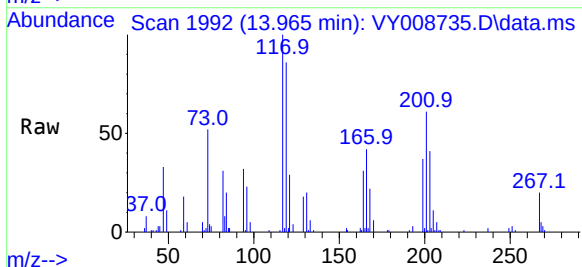
Manual Integrations
APPROVED

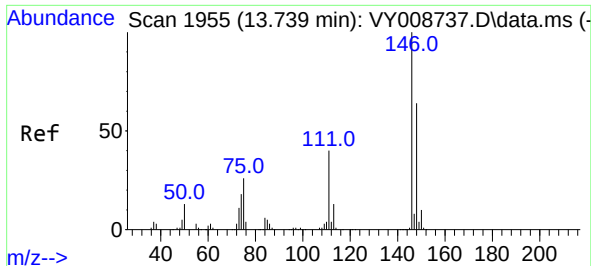
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#90
Hexachloroethane
Concen: 9.630 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion:117 Resp: 18072
Ion Ratio Lower Upper
117 100
201 61.9 34.4 103.1





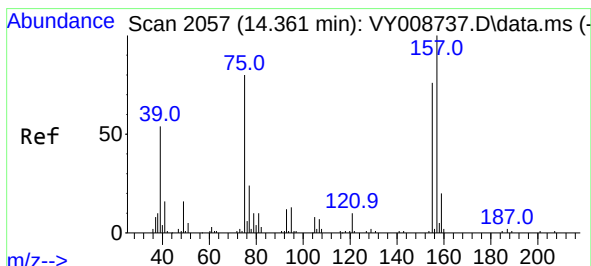
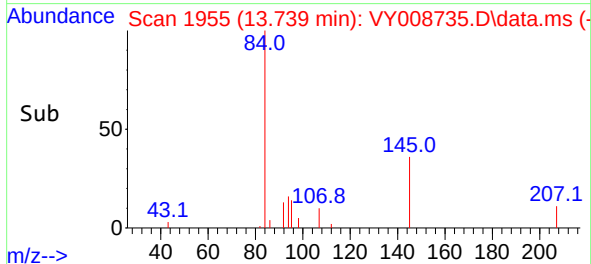
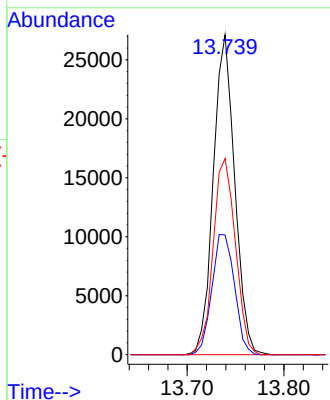
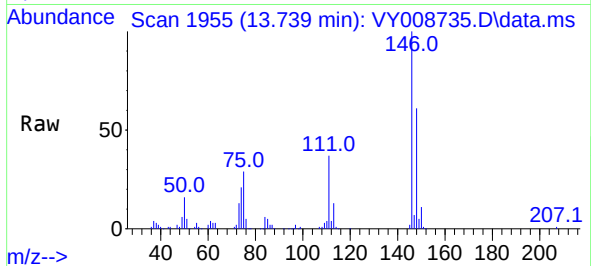
#91
1,2-Dichlorobenzene
Concen: 9.651 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 4174
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.8
148 63.8 31.6 94.8

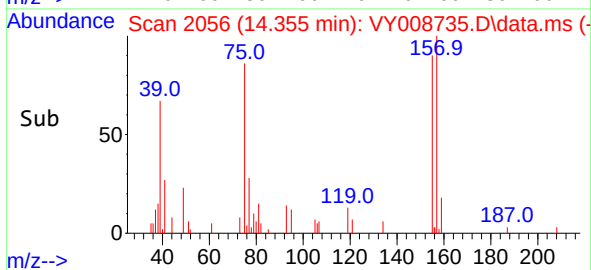
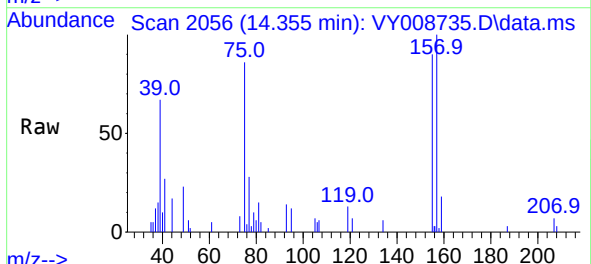
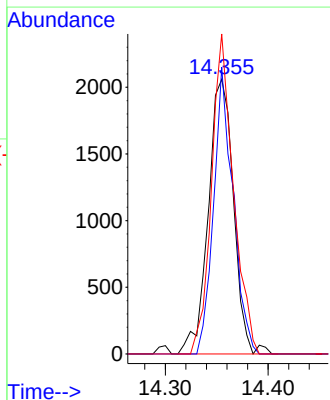
Manual Integrations
APPROVED

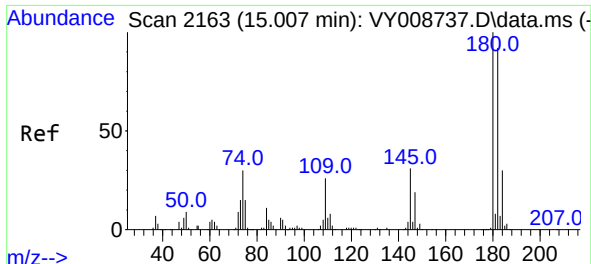
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.725 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Tgt Ion: 75 Resp: 3523
Ion Ratio Lower Upper
75 100
155 80.6 44.7 134.1
157 101.2 60.5 181.4





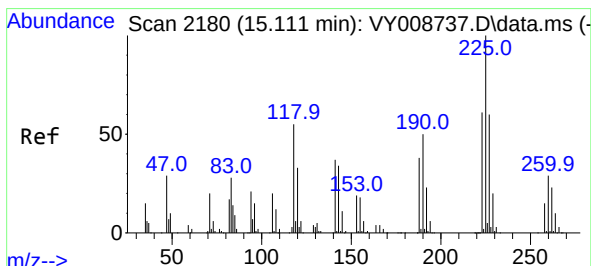
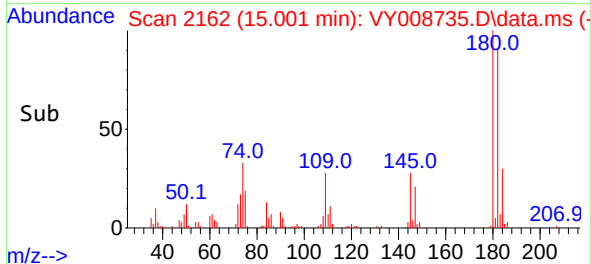
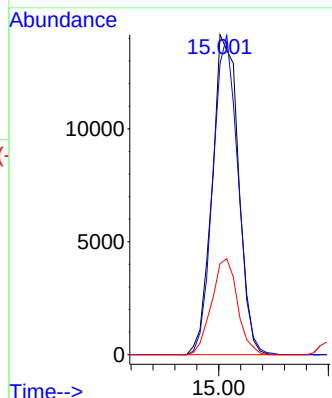
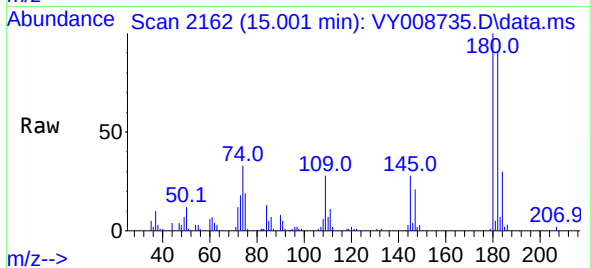
#93
1,2,4-Trichlorobenzene
Concen: 9.209 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 2355
Ion Ratio Lower Upper
180 100
182 95.3 46.8 140.4
145 29.6 15.0 45.0

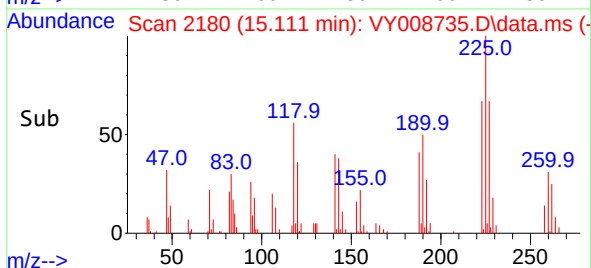
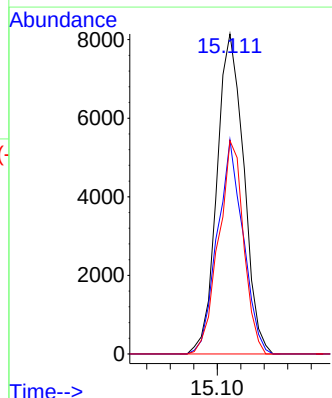
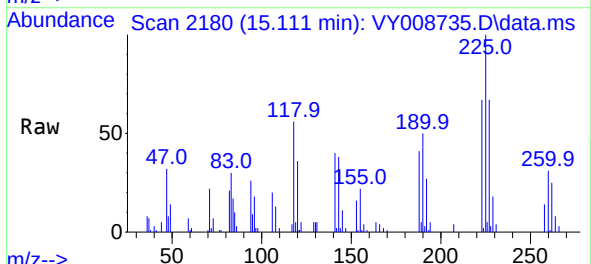
Manual Integrations
APPROVED

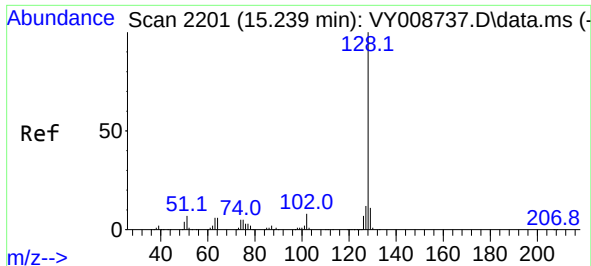
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#94
Hexachlorobutadiene
Concen: 9.477 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

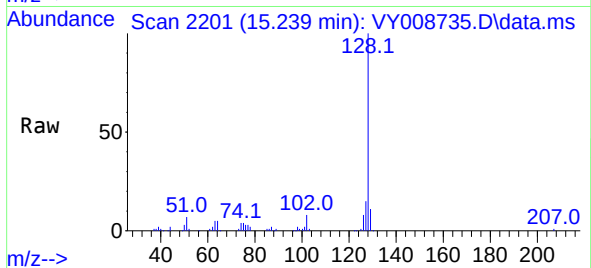
Tgt Ion:225 Resp: 12935
Ion Ratio Lower Upper
225 100
223 64.4 31.5 94.5
227 61.9 31.2 93.6





#95
Naphthalene
Concen: 8.701 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49

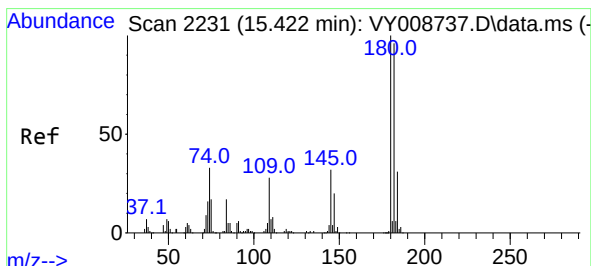
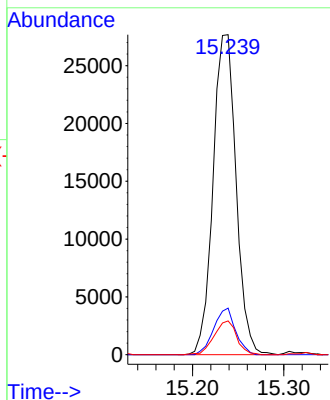
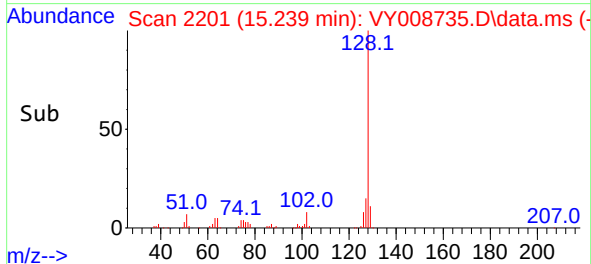
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



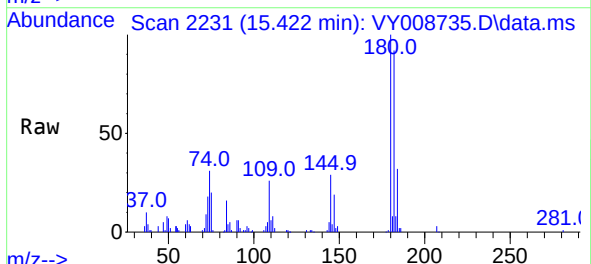
Tgt Ion:128 Resp: 4846
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 10.4 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 9.578 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY008735.D
Acq: 12 May 2022 15:49



Tgt Ion:180 Resp: 21181
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.7
145 30.9 15.6 46.8

