

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008914.D
 Acq On : 20 May 2022 19:24
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: May 20 23:00:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 22:58:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	31661	27.027	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	54.060%		
35) Dibromofluoromethane	7.716	113	29831	24.118	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	48.240%#		
50) Toluene-d8	10.179	98	117493	25.349	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	50.700%		
62) 4-Bromofluorobenzene	12.483	95	40213	22.815	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	45.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24325	22.917	ug/l	96
3) Chloromethane	2.113	50	35718	22.098	ug/l	97
4) Vinyl Chloride	2.247	62	54242	23.641	ug/l	96
5) Bromomethane	2.625	94	62630	35.167	ug/l	97
6) Chloroethane	2.784	64	40174	24.093	ug/l	93
7) Trichlorofluoromethane	3.119	101	47110	22.319	ug/l	94
8) Diethyl Ether	3.521	74	14534	24.064	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	27142	21.408	ug/l	95
10) Methyl Iodide	4.088	142	27275	19.302	ug/l	94
11) Tert butyl alcohol	4.954	59	15156	111.661	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	25800	22.316	ug/l	86
13) Acrolein	3.722	56	7050	111.191	ug/l	98
14) Allyl chloride	4.472	41	36406	21.257	ug/l #	82
15) Acrylonitrile	5.161	53	39583	100.212	ug/l	98
16) Acetone	3.942	43	30520	97.534	ug/l #	87
17) Carbon Disulfide	4.186	76	82432	23.470	ug/l	99
18) Methyl Acetate	4.472	43	18499	18.520	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	75747	24.000	ug/l	99
20) Methylene Chloride	4.710	84	39297	23.831	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	31656	22.279	ug/l	88
22) Diisopropyl ether	6.118	45	88248	23.973	ug/l #	94
23) Vinyl Acetate	6.057	43	298588	116.410	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	53854	22.447	ug/l	98
25) 2-Butanone	6.984	43	52028	100.968	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	50465	22.309	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	36261	22.860	ug/l	88
28) Bromochloromethane	7.325	49	19724	22.447	ug/l	91
29) Tetrahydrofuran	7.344	42	34640	100.550	ug/l #	86
30) Chloroform	7.508	83	57909	22.560	ug/l	97
31) Cyclohexane	7.777	56	52053	22.934	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	52951	22.254	ug/l	97
36) 1,1-Dichloropropene	7.911	75	44899	21.283	ug/l	98
37) Ethyl Acetate	7.076	43	23561	19.216	ug/l #	94
38) Carbon Tetrachloride	7.899	117	47447	21.076	ug/l	98
39) Methylcyclohexane	9.185	83	57715	22.601	ug/l #	86
40) Benzene	8.161	78	131008	22.122	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	12217m	18.917	ug/l	
42) 1,2-Dichloroethane	8.234	62	38678	22.244	ug/l	94
43) Isopropyl Acetate	8.270	43	44379	21.370	ug/l #	92
44) Trichloroethene	8.941	130	34731	21.683	ug/l	98
45) 1,2-Dichloropropane	9.215	63	31386	22.224	ug/l	93
46) Dibromomethane	9.307	93	20301	21.961	ug/l	93
47) Bromodichloromethane	9.496	83	46542	22.685	ug/l	96
48) Methyl methacrylate	9.289	41	19892	21.635	ug/l #	86
49) 1,4-Dioxane	9.295	88	5402	401.488	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	124023	102.196	ug/l	92
52) Toluene	10.246	92	86797	21.418	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	47224	22.025	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	51222	22.189	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	27589	21.948	ug/l	98
56) Ethyl methacrylate	10.508	69	33512	21.672	ug/l	88
57) 1,3-Dichloropropane	10.788	76	45630	22.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	78529	103.536	ug/l	94
59) 2-Hexanone	10.831	43	85334	99.330	ug/l	91
60) Dibromochloromethane	10.983	129	33268	21.904	ug/l	97
61) 1,2-Dibromoethane	11.087	107	28003	22.299	ug/l	94
64) Tetrachloroethene	10.715	164	29650	21.159	ug/l	93
65) Chlorobenzene	11.514	112	94714	21.466	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	34431	21.265	ug/l	97
67) Ethyl Benzene	11.593	91	167961	21.183	ug/l	97
68) m/p-Xylenes	11.703	106	136578	42.976	ug/l	92
69) o-Xylene	12.032	106	63675	21.704	ug/l	92
70) Styrene	12.044	104	106050	21.185	ug/l	95
71) Bromoform	12.209	173	21715	19.766	ug/l #	99
73) Isopropylbenzene	12.331	105	170040	20.435	ug/l	98
74) N-amyl acetate	12.142	43	41794	21.170	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	35882	19.659	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	25768m	18.703	ug/l	
77) Bromobenzene	12.605	156	39045	20.262	ug/l	94
78) n-propylbenzene	12.672	91	213068	22.339	ug/l	99
79) 2-Chlorotoluene	12.757	91	113070	20.404	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	141661	20.963	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	12011	19.194	ug/l	87
82) 4-Chlorotoluene	12.855	91	122923	20.927	ug/l	98
83) tert-Butylbenzene	13.074	119	127795	21.107	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	144843	21.614	ug/l	97
85) sec-Butylbenzene	13.251	105	196311	20.805	ug/l	100
86) p-Isopropyltoluene	13.367	119	164557	21.344	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	84811	20.886	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	84822	21.135	ug/l	100
89) n-Butylbenzene	13.696	91	156416	21.535	ug/l	99
90) Hexachloroethane	13.958	117	30983	21.297	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	74932	21.162	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5555	18.047	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	40202	20.809	ug/l	99
94) Hexachlorobutadiene	15.111	225	22392	20.281	ug/l	98
95) Naphthalene	15.239	128	80329	18.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	35461	20.955	ug/l	98

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

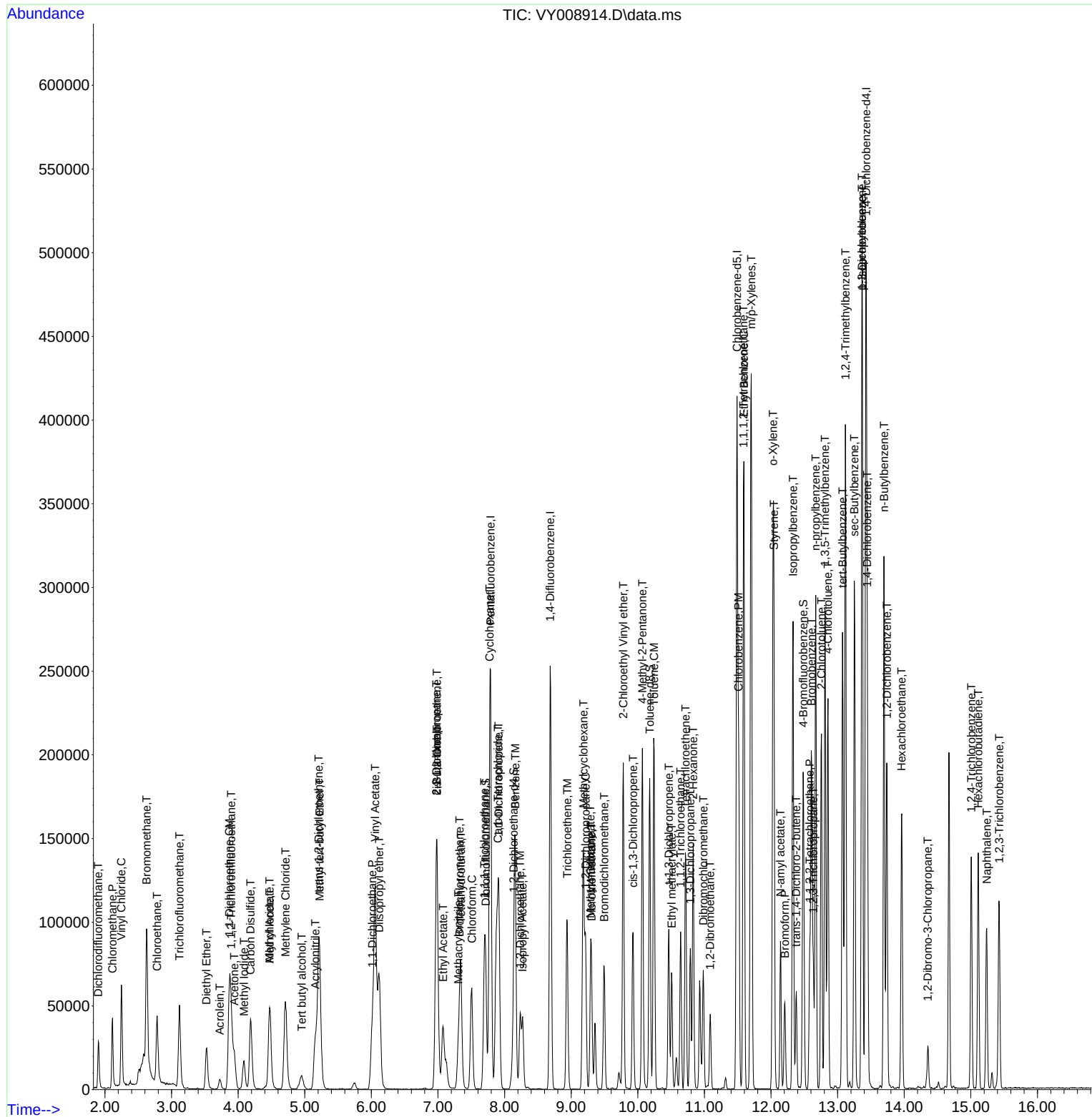
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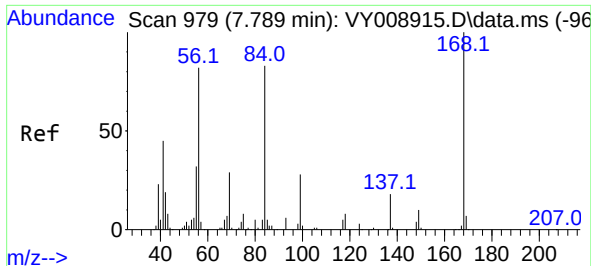
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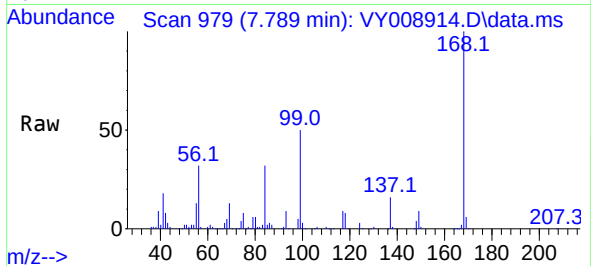
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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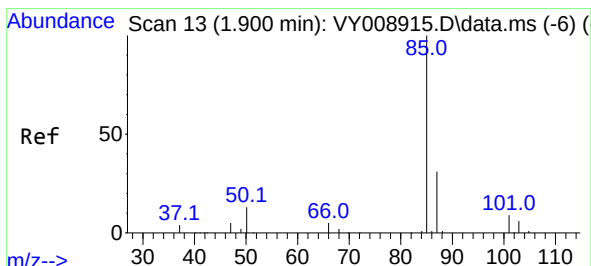
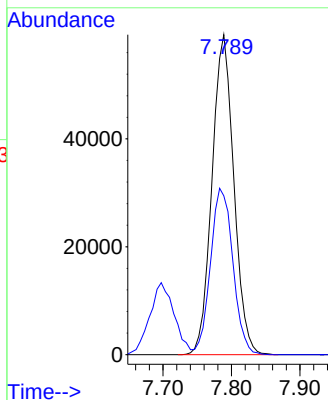
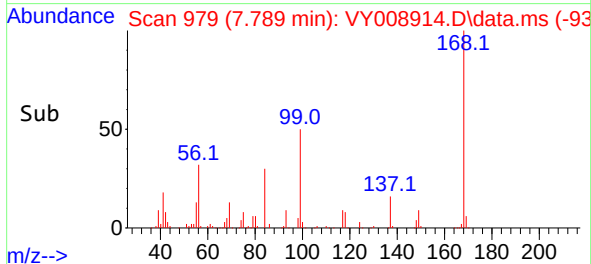
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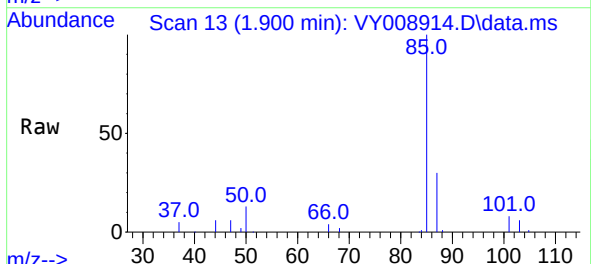
Tgt Ion:168 Resp: 13111
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3

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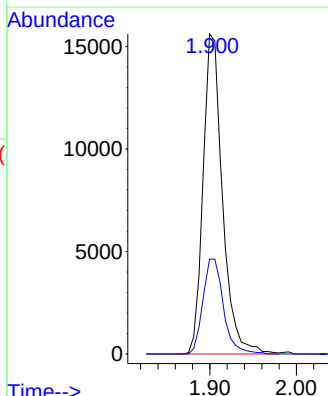
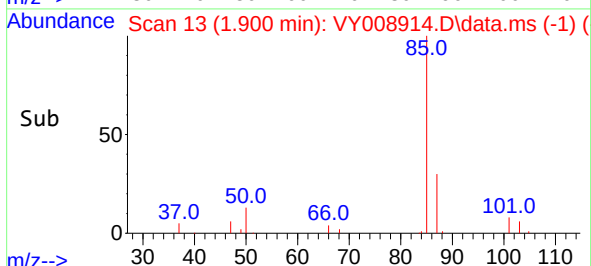
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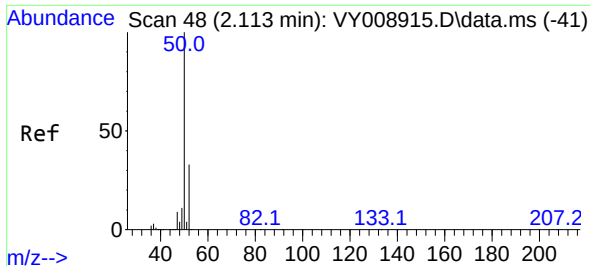


#2
Dichlorodifluoromethane
Concen: 22.917 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008914.D
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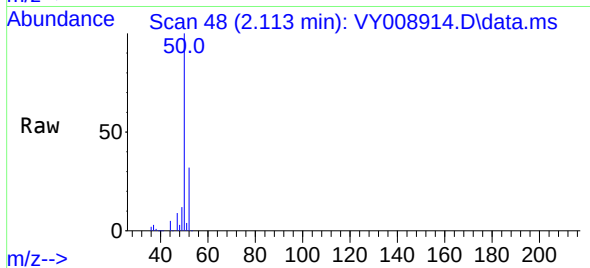
Tgt Ion: 85 Resp: 24325
Ion Ratio Lower Upper
85 100
87 29.6 16.1 48.2





#3
Chloromethane
Concen: 22.098 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

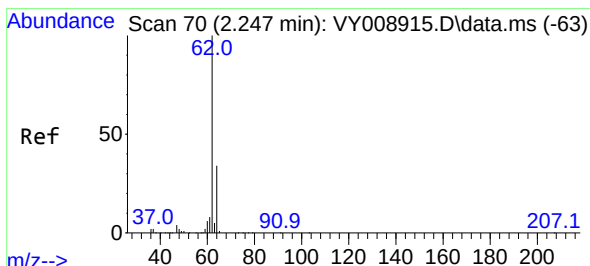
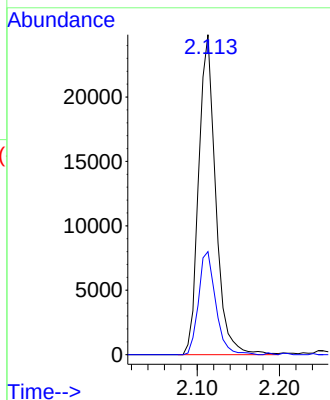
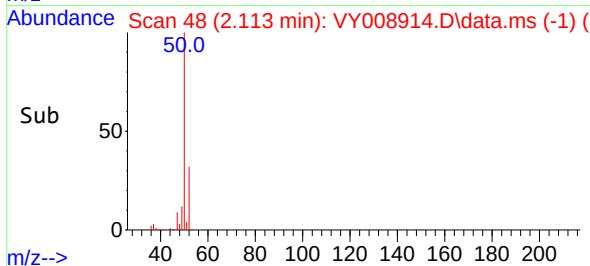
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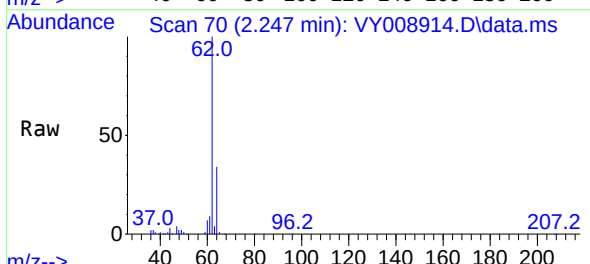
Tgt Ion: 50 Resp: 35718
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0

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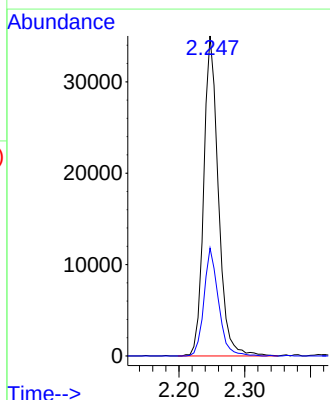
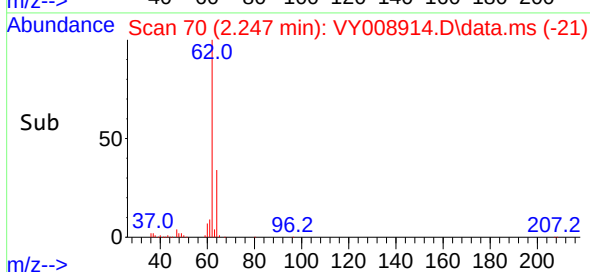
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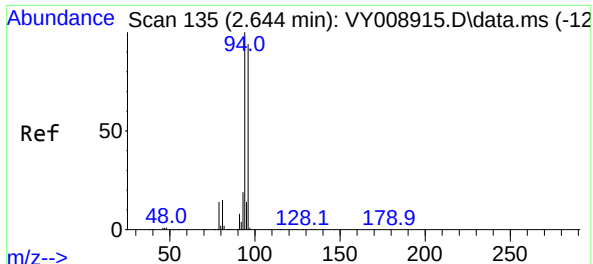


#4
Vinyl Chloride
Concen: 23.641 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



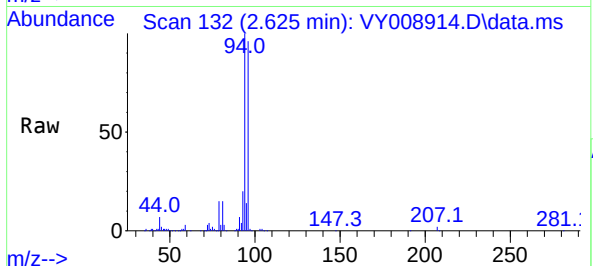
Tgt Ion: 62 Resp: 54242
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.6





#5
Bromomethane
Concen: 35.167 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

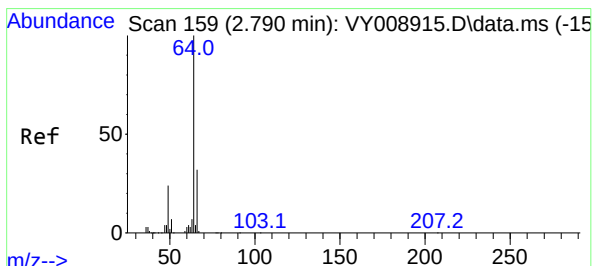
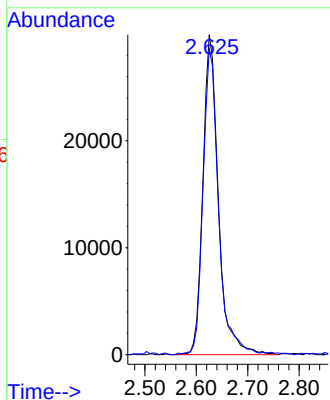
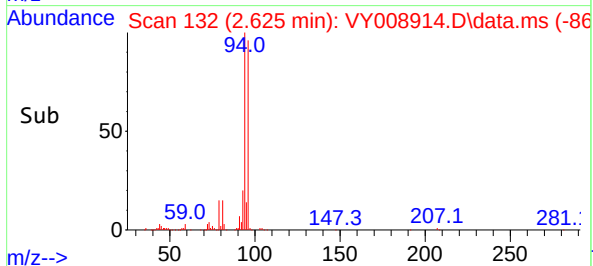
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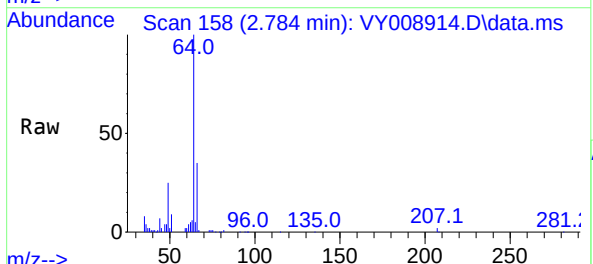
Tgt Ion: 94 Resp: 62630
Ion Ratio Lower Upper
94 100
96 95.1 73.5 110.3

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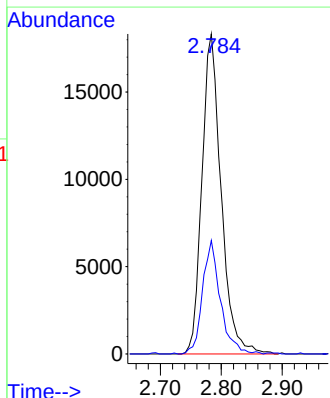
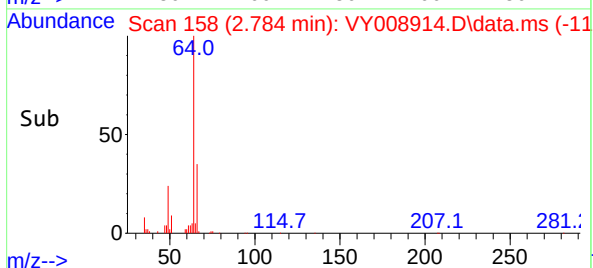
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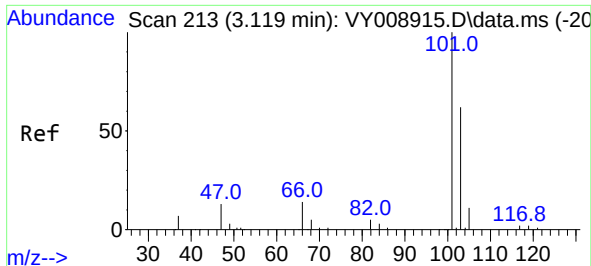


#6
Chloroethane
Concen: 24.093 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
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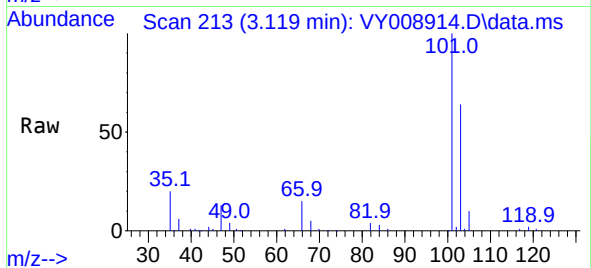
Tgt Ion: 64 Resp: 40174
Ion Ratio Lower Upper
64 100
66 35.4 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 22.319 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY008914.D
 Acq: 20 May 2022 19:24

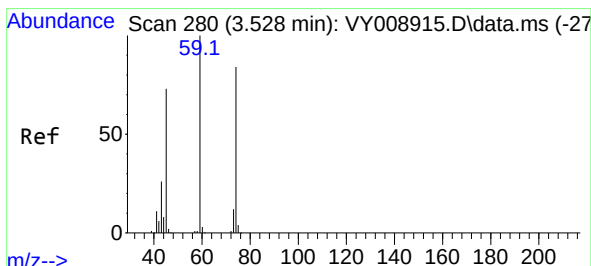
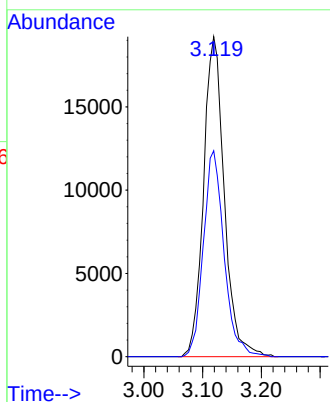
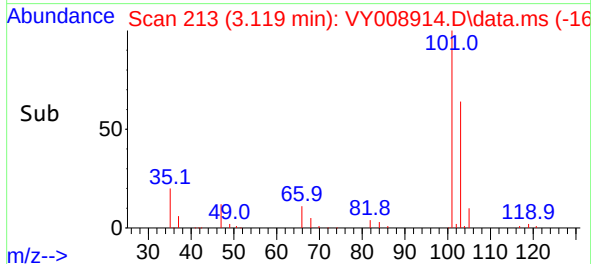
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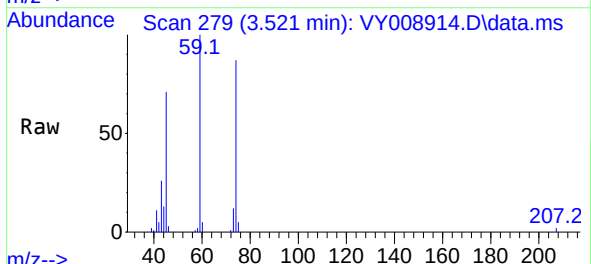
Tgt Ion:101 Resp: 47110
 Ion Ratio Lower Upper
 101 100
 103 64.4 48.0 72.0

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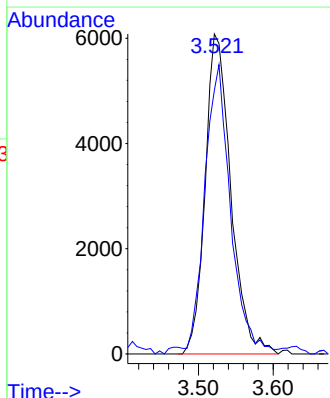
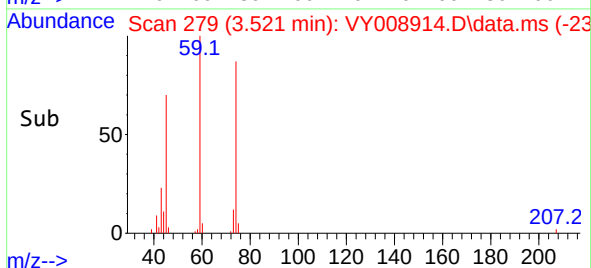
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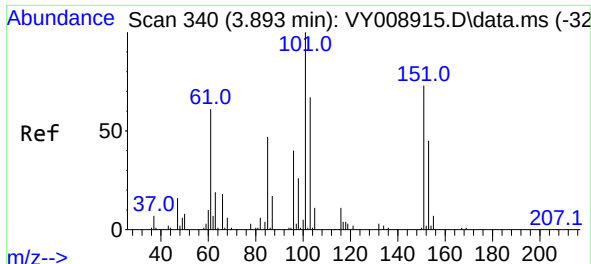


#8
 Diethyl Ether
 Concen: 24.064 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY008914.D
 Acq: 20 May 2022 19:24



Tgt Ion: 74 Resp: 14534
 Ion Ratio Lower Upper
 74 100
 45 90.9 55.1 165.5





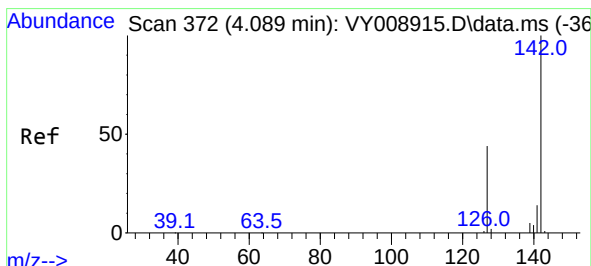
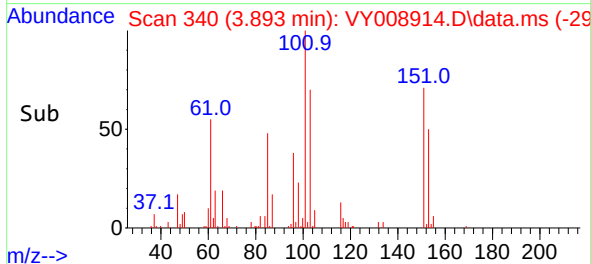
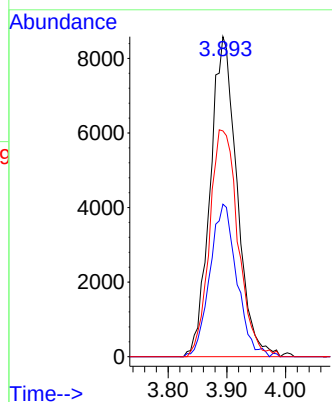
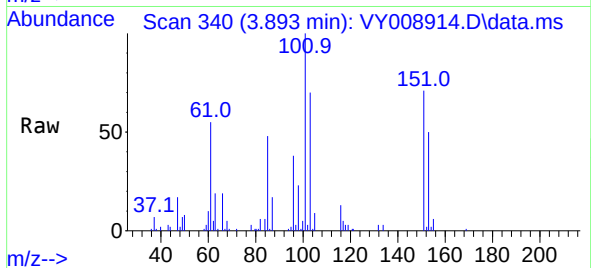
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.408 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2714
Ion Ratio Lower Upper
101 100
85 47.8 40.6 60.8
151 75.6 64.9 97.3

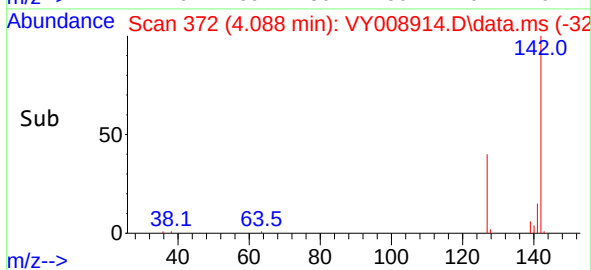
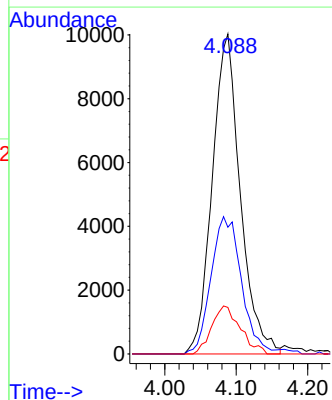
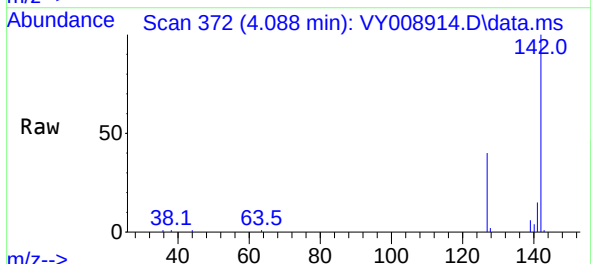
Manual Integrations
APPROVED

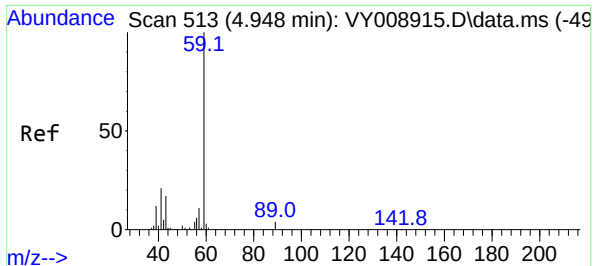
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 19.302 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion:142 Resp: 27275
Ion Ratio Lower Upper
142 100
127 46.6 41.5 62.3
141 15.3 11.9 17.9





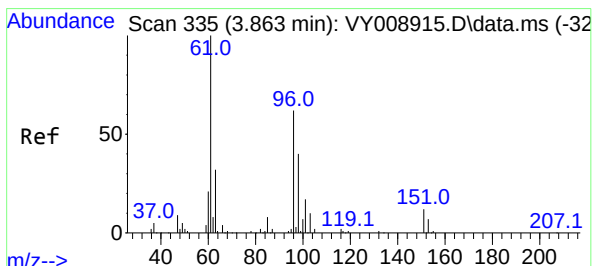
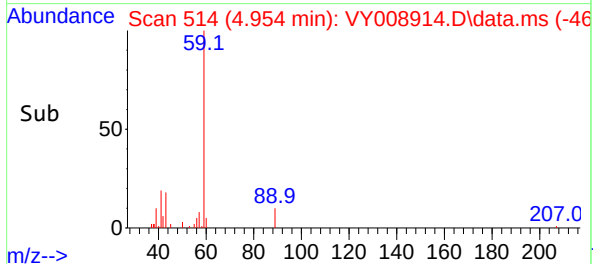
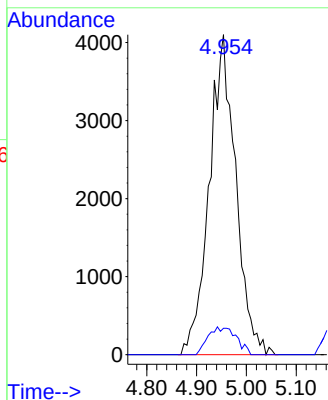
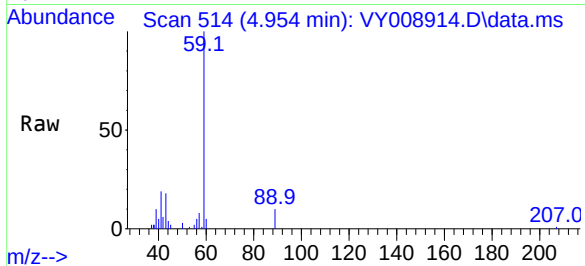
#11
Tert butyl alcohol
Concen: 111.661 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 15150
Ion Ratio Lower Upper
59 100
57 4.4 6.4 9.6

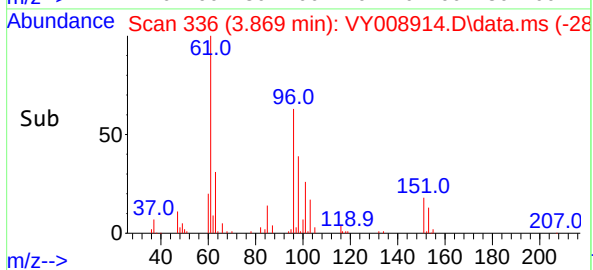
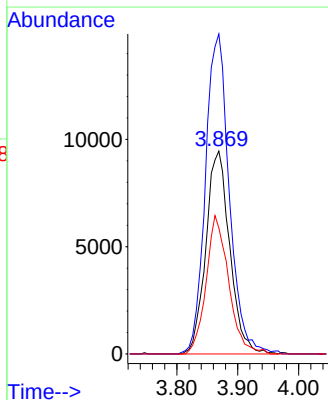
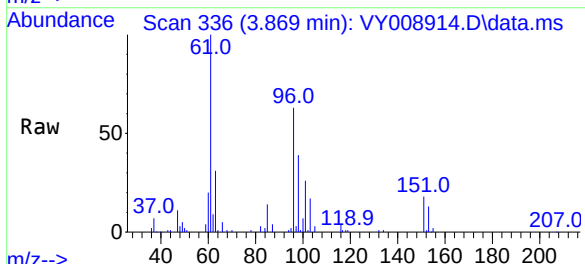
Manual Integrations
APPROVED

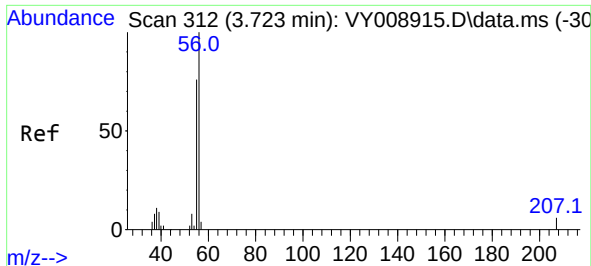
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#12
1,1-Dichloroethene
Concen: 22.316 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

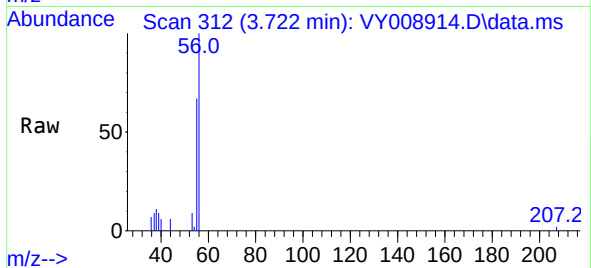
Tgt Ion: 96 Resp: 25800
Ion Ratio Lower Upper
96 100
61 157.7 145.8 218.6
98 62.1 52.5 78.7





#13
Acrolein
Concen: 111.191 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

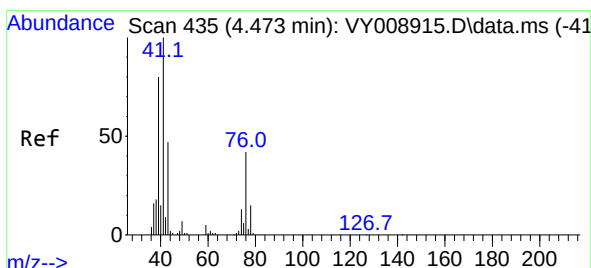
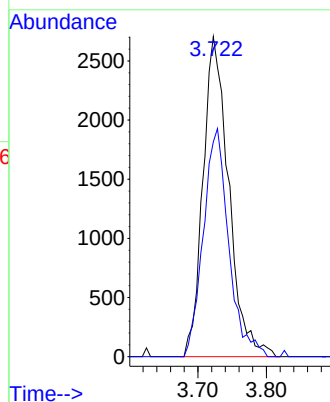
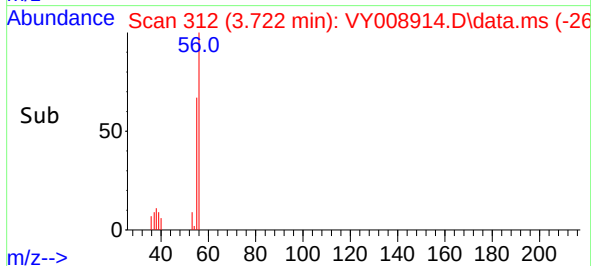
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



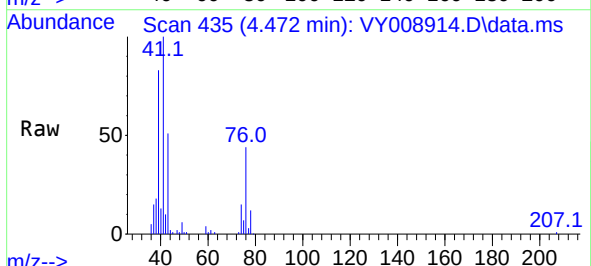
Tgt Ion: 56 Resp: 7050
Ion Ratio Lower Upper
56 100
55 70.4 57.6 86.4

Manual Integrations
APPROVED

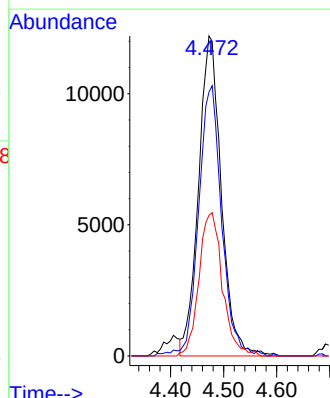
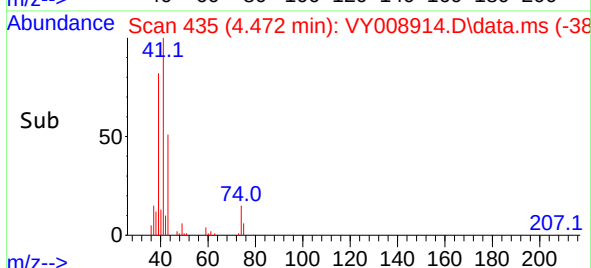
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

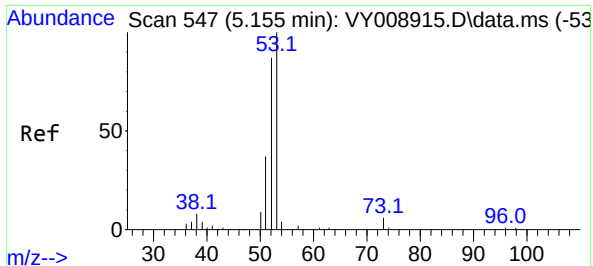


#14
Allyl chloride
Concen: 21.257 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



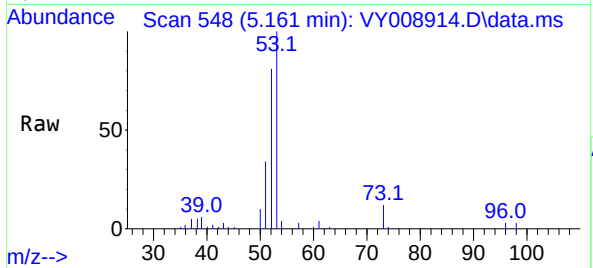
Tgt Ion: 41 Resp: 36406
Ion Ratio Lower Upper
41 100
39 85.1 58.8 88.2
76 46.1 25.1 37.7





#15
Acrylonitrile
Concen: 100.212 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

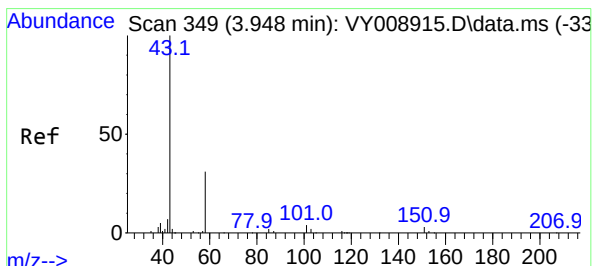
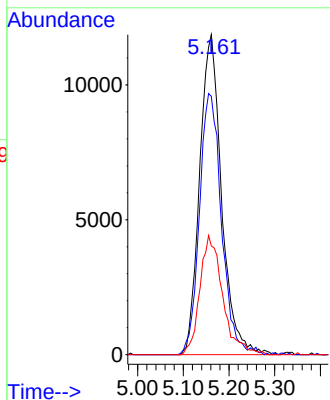
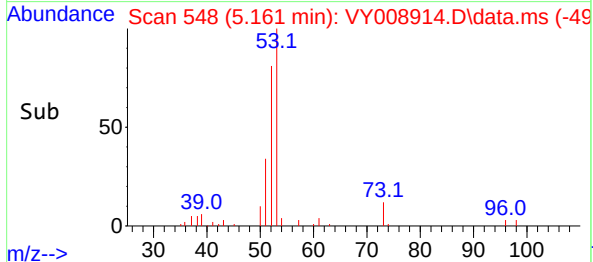
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



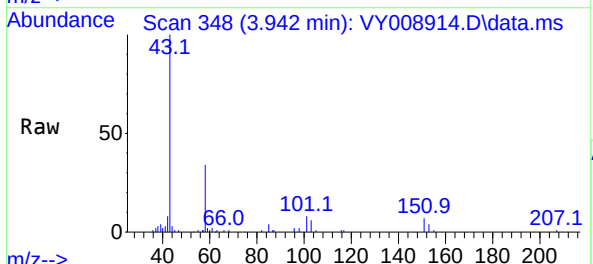
Tgt Ion: 53 Resp: 3958
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 38.7 29.8 44.6

Manual Integrations
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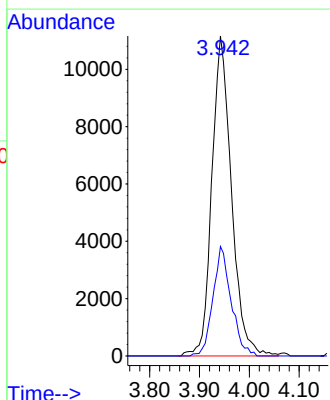
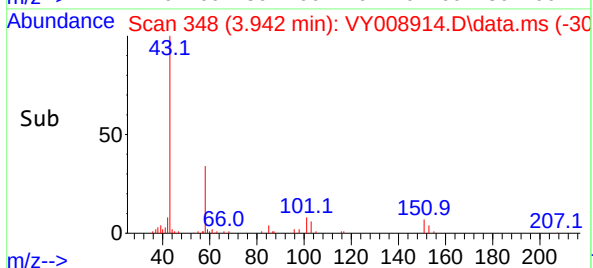
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

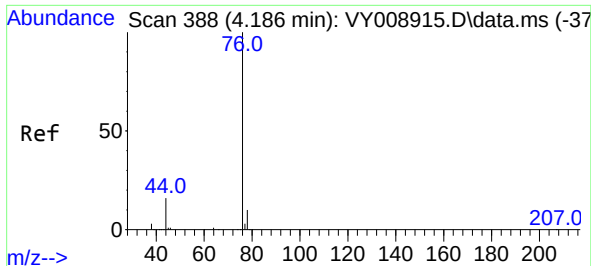


#16
Acetone
Concen: 97.534 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



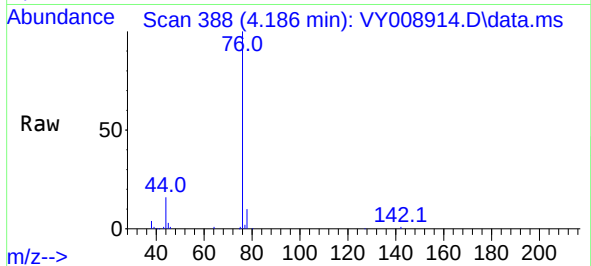
Tgt Ion: 43 Resp: 30520
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#





#17
Carbon Disulfide
Concen: 23.470 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

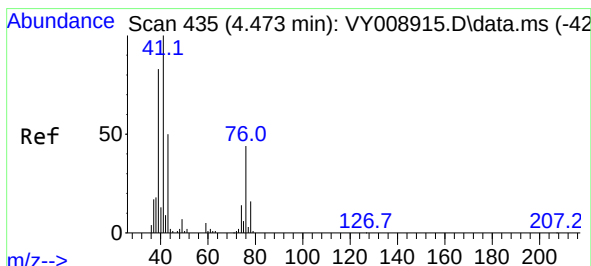
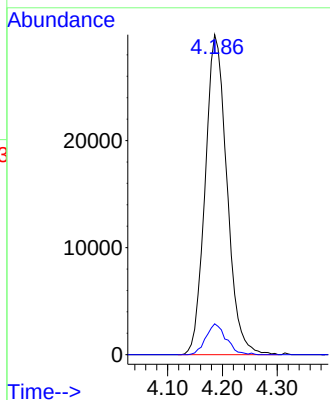
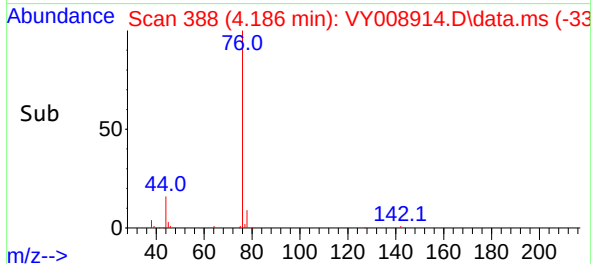
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



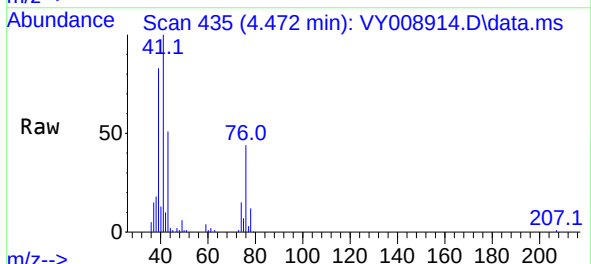
Tgt Ion: 76 Resp: 82432
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

Manual Integrations
APPROVED

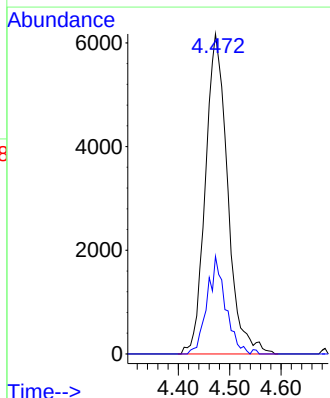
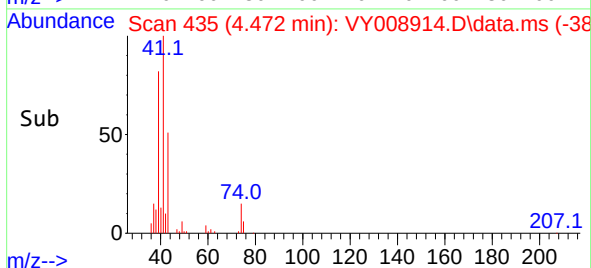
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

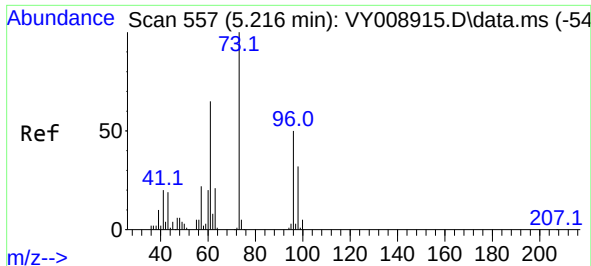


#18
Methyl Acetate
Concen: 18.520 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



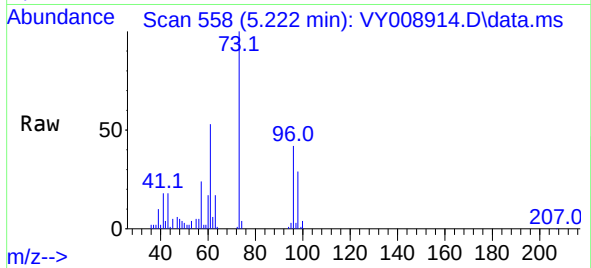
Tgt Ion: 43 Resp: 18499
Ion Ratio Lower Upper
43 100
74 25.3 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 24.000 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

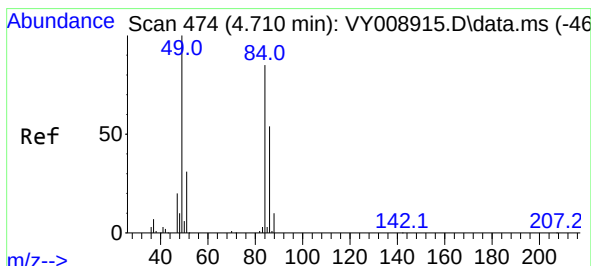
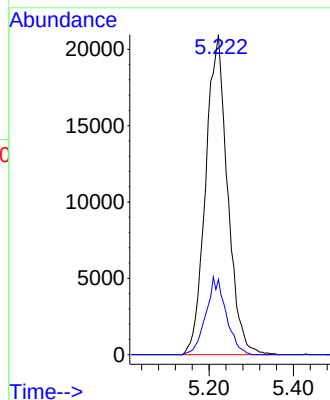
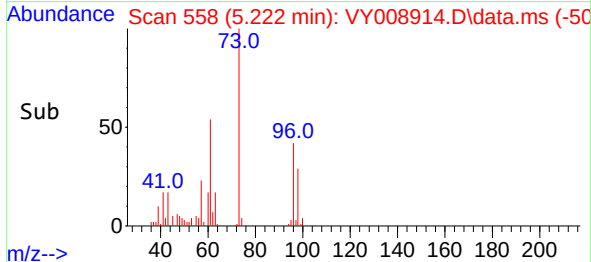
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 7574
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8

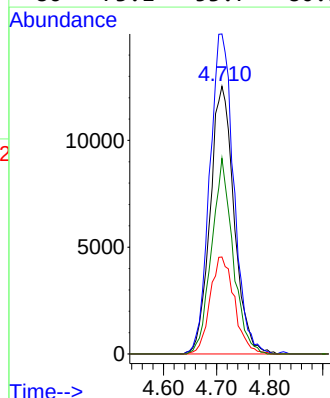
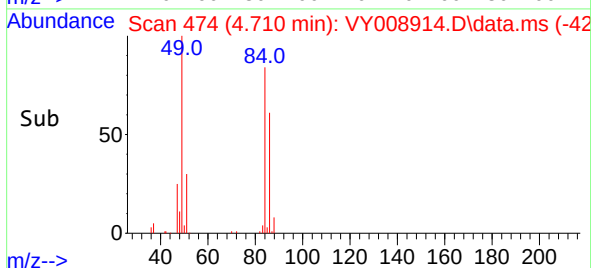
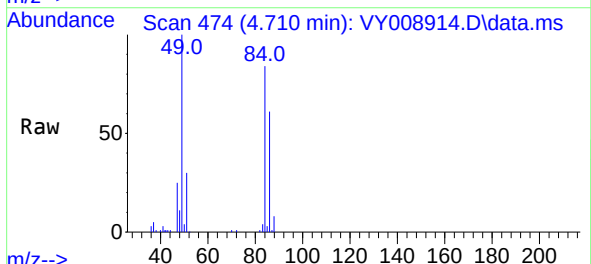
Manual Integrations
APPROVED

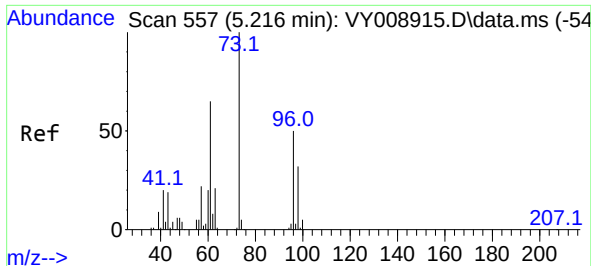
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#20
Methylene Chloride
Concen: 23.831 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

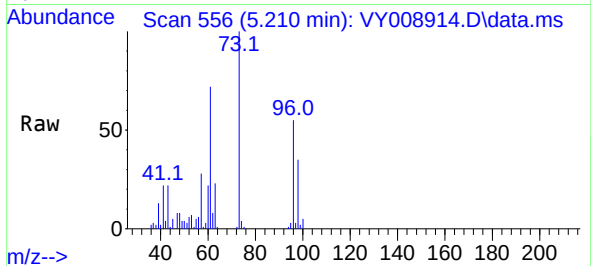
Tgt Ion: 84 Resp: 39297
Ion Ratio Lower Upper
84 100
49 119.6 114.4 171.6
51 36.2 35.3 52.9
86 73.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 22.279 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

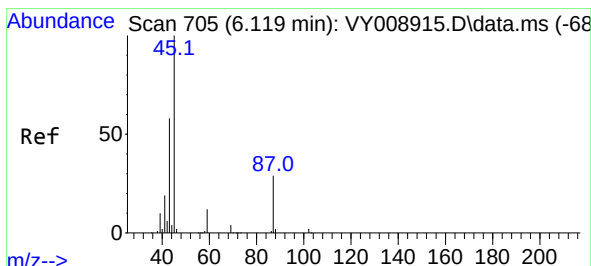
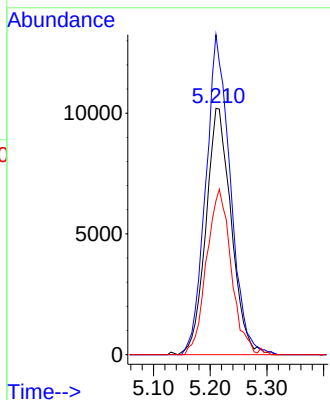
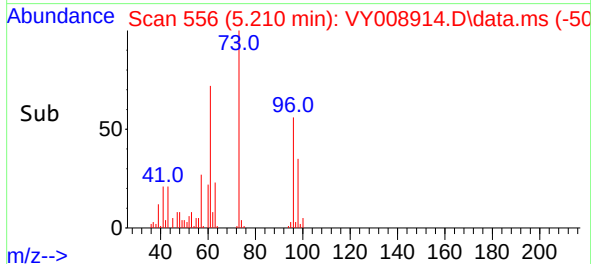
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



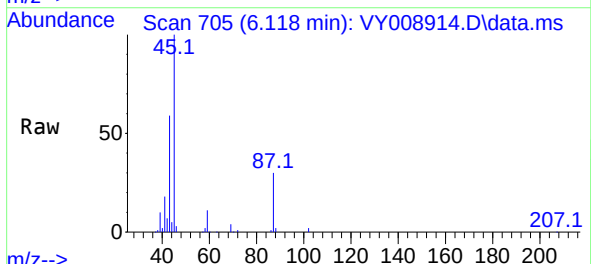
Tgt Ion: 96 Resp: 31650
Ion Ratio Lower Upper
96 100
61 129.8 120.5 180.7
98 62.5 49.8 74.8

Manual Integrations
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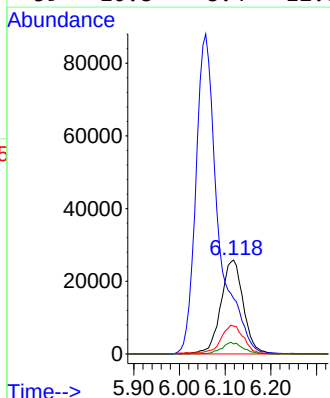
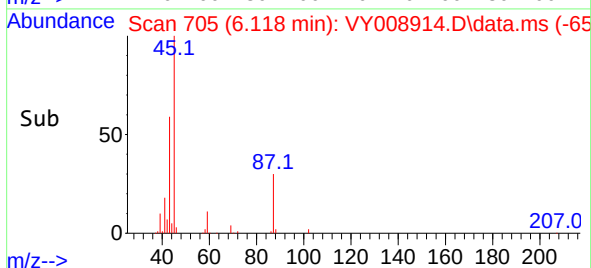
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

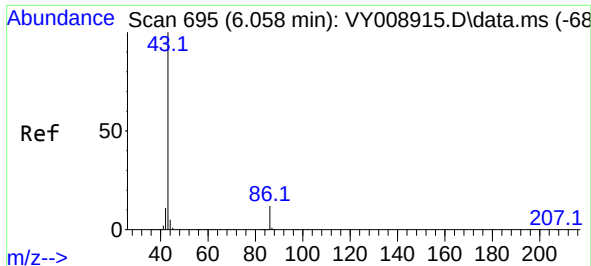


#22
Diisopropyl ether
Concen: 23.973 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



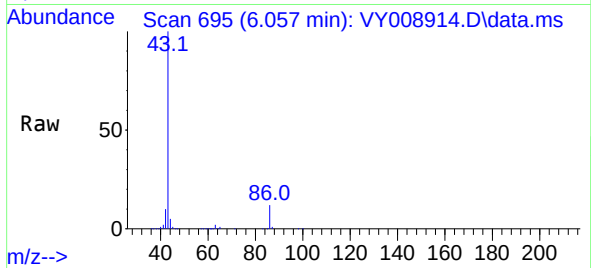
Tgt Ion: 45 Resp: 88248
Ion Ratio Lower Upper
45 100
43 58.5 49.3 73.9
87 29.5 19.2 28.8#
59 10.8 8.4 12.6





#23
 Vinyl Acetate
 Concen: 116.410 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008914.D
 Acq: 20 May 2022 19:24

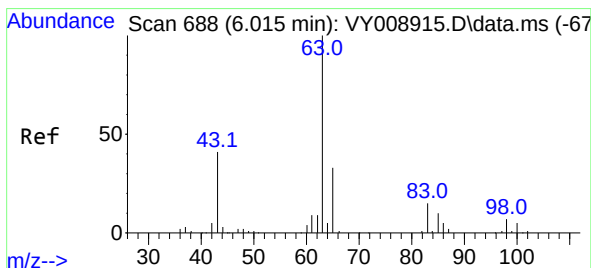
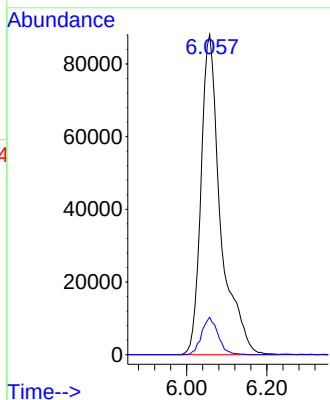
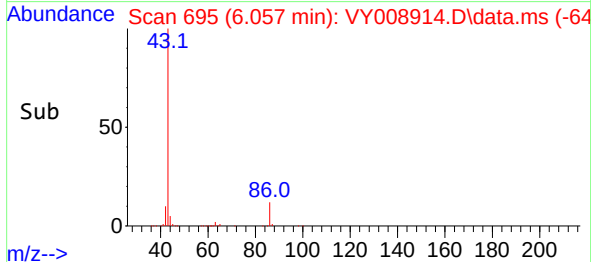
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



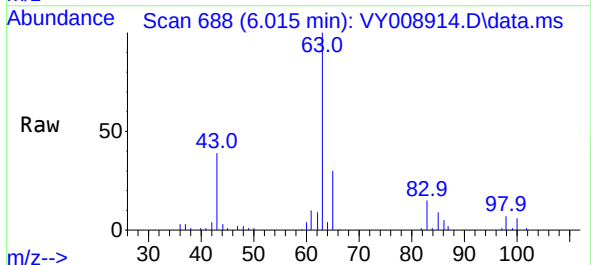
Tgt Ion: 43 Resp: 29858
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

Manual Integrations
 APPROVED

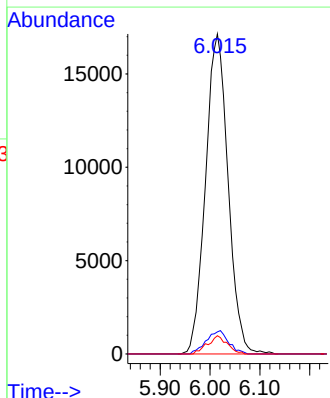
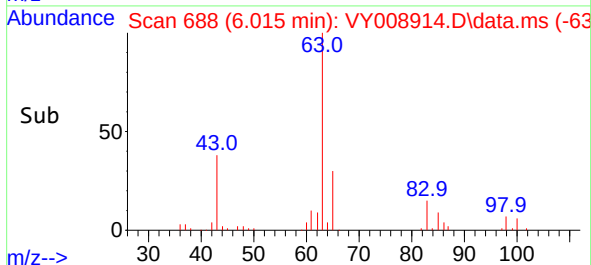
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

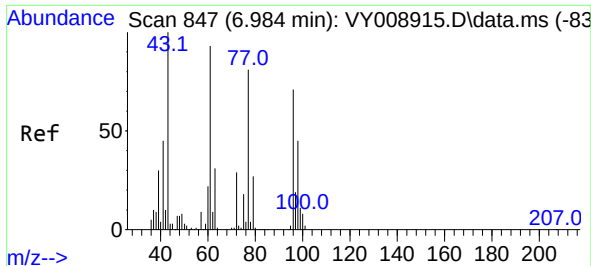


#24
 1,1-Dichloroethane
 Concen: 22.447 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008914.D
 Acq: 20 May 2022 19:24



Tgt Ion: 63 Resp: 53854
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 5.7 2.0 5.8





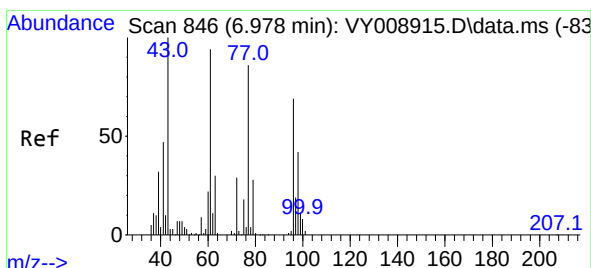
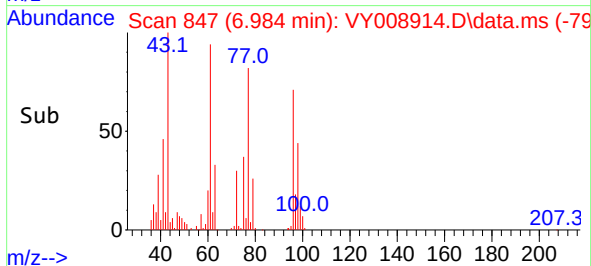
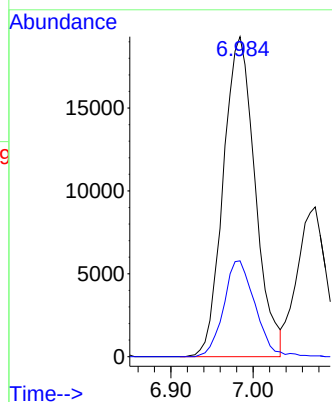
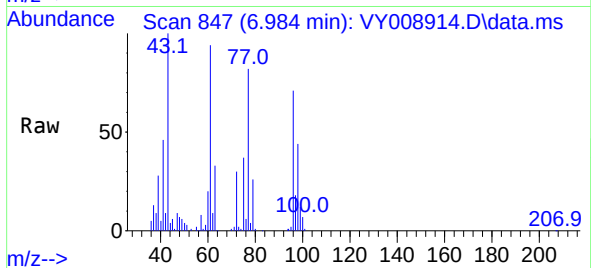
#25
2-Butanone
Concen: 100.968 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 52028
Ion Ratio Lower Upper
43 100
72 30.0 17.7 26.5

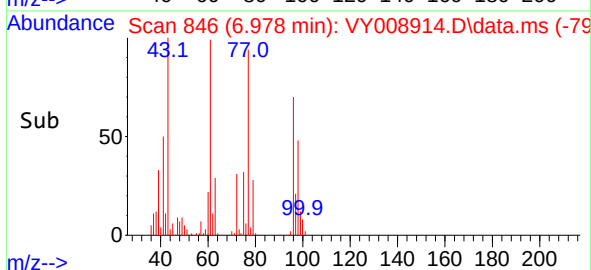
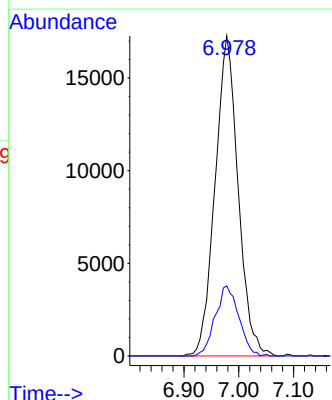
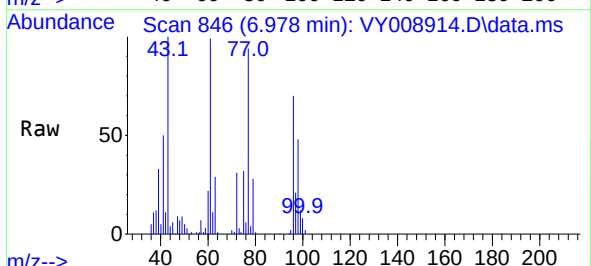
Manual Integrations
APPROVED

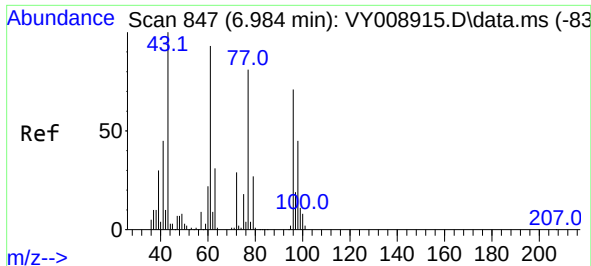
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#26
2,2-Dichloropropane
Concen: 22.309 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

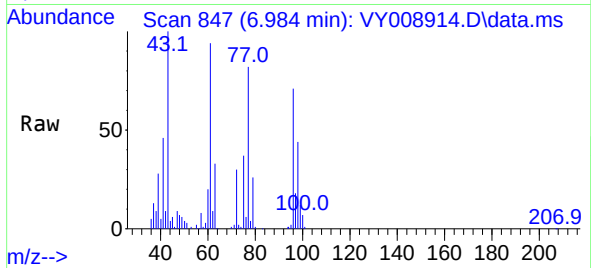
Tgt Ion: 77 Resp: 50465
Ion Ratio Lower Upper
77 100
97 22.4 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 22.860 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

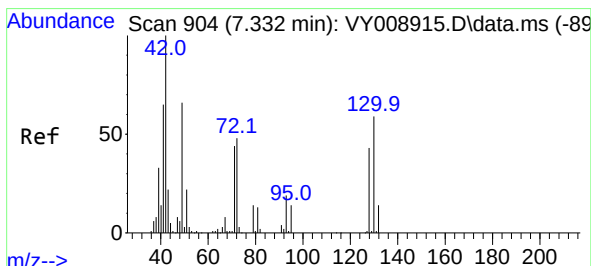
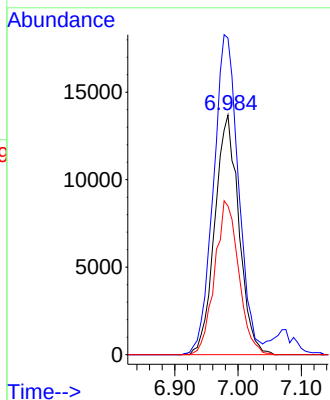
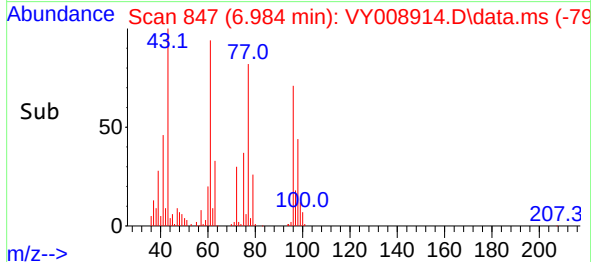
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 3626
Ion Ratio Lower Upper
96 100
61 138.6 0.0 319.8
98 63.7 0.0 127.0

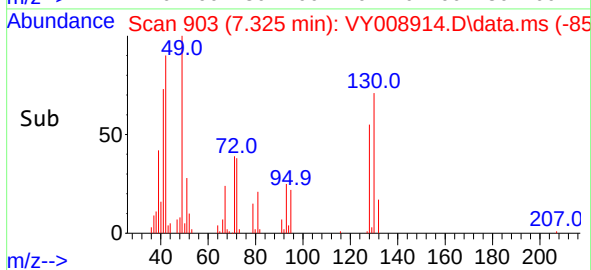
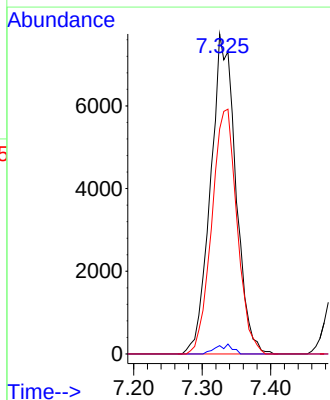
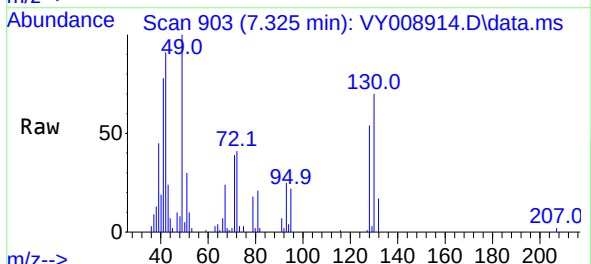
Manual Integrations
APPROVED

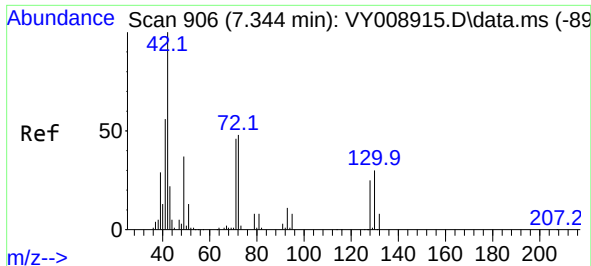
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 22.447 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

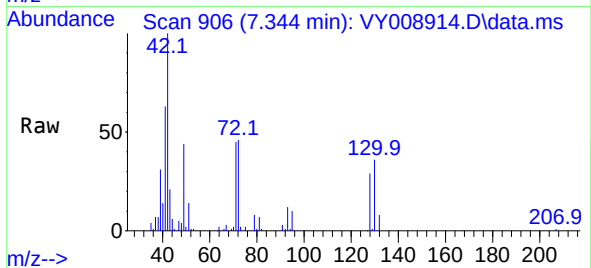
Tgt Ion: 49 Resp: 19724
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.2
130 76.8 55.4 83.0





#29
Tetrahydrofuran
Concen: 100.550 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

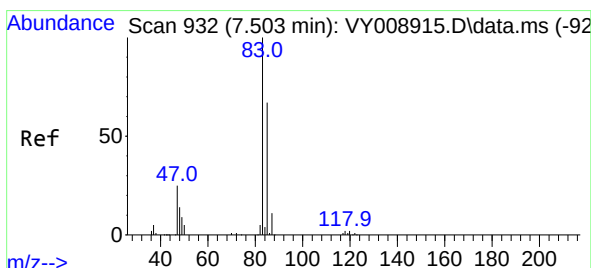
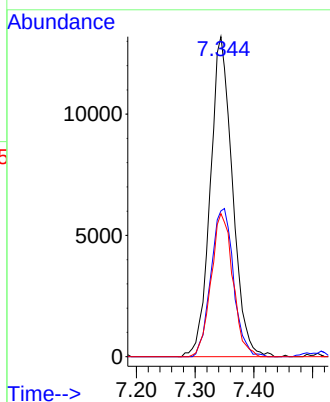
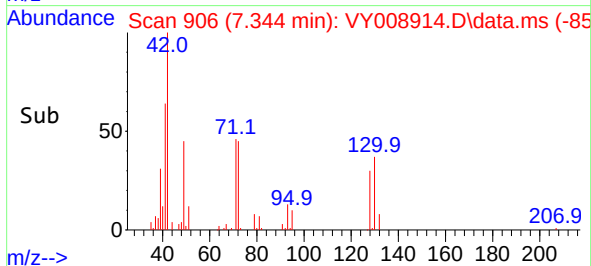
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



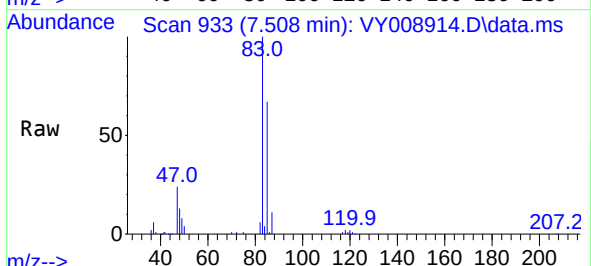
Tgt Ion: 42 Resp: 34640
Ion Ratio Lower Upper
42 100
72 47.1 30.3 45.5
71 43.8 29.0 43.4

Manual Integrations
APPROVED

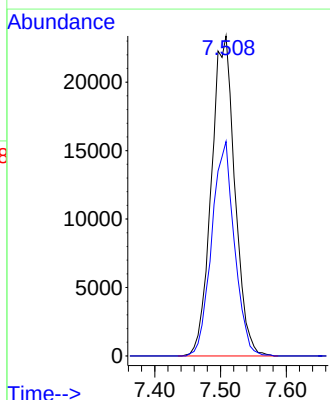
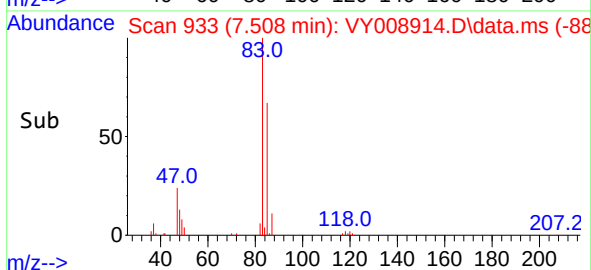
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

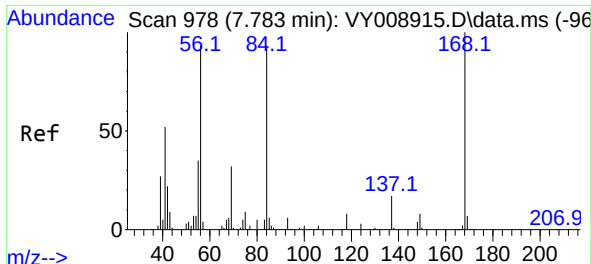


#30
Chloroform
Concen: 22.560 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



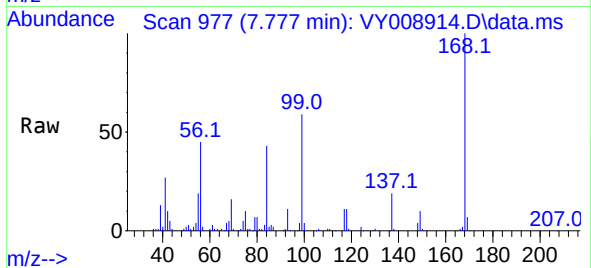
Tgt Ion: 83 Resp: 57909
Ion Ratio Lower Upper
83 100
85 67.0 51.8 77.6





#31
Cyclohexane
Concen: 22.934 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

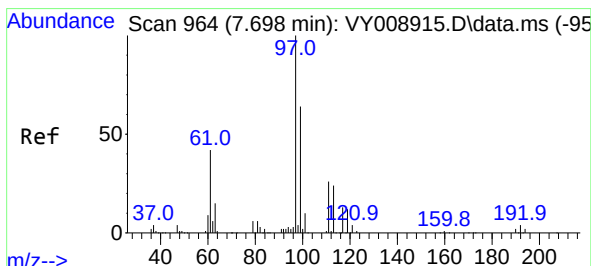
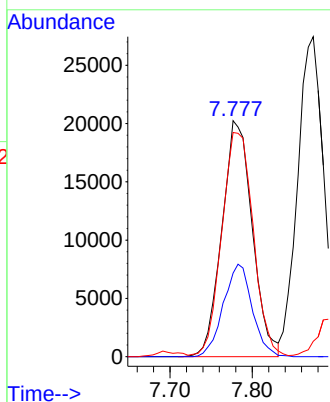
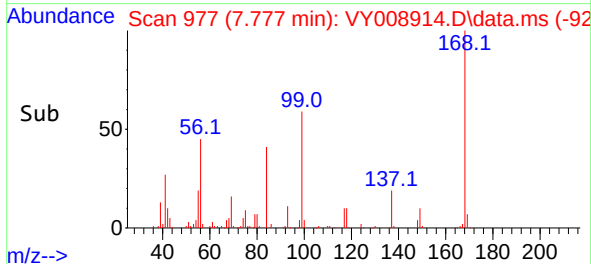
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



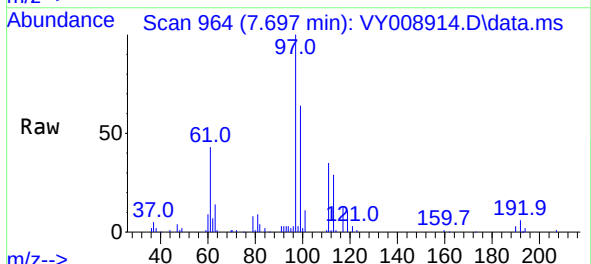
Tgt Ion: 56 Resp: 5205
Ion Ratio Lower Upper
56 100
69 35.4 26.7 40.1
84 93.4 67.2 100.8

Manual Integrations
APPROVED

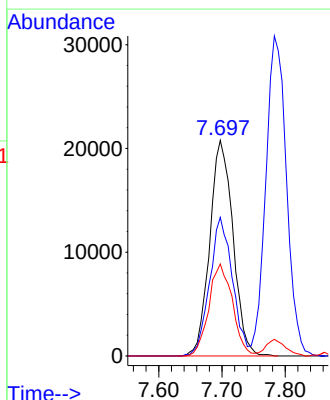
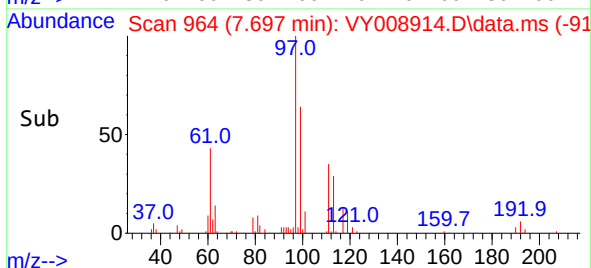
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

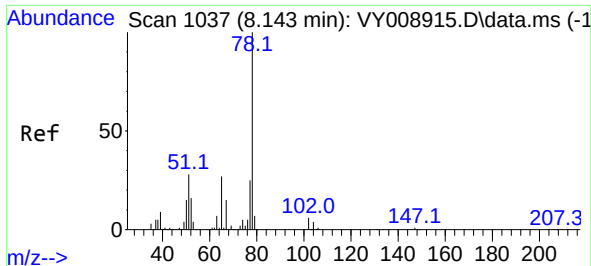


#32
1,1,1-Trichloroethane
Concen: 22.254 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



Tgt Ion: 97 Resp: 52951
Ion Ratio Lower Upper
97 100
99 62.9 50.7 76.1
61 43.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 27.027 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008914.D

Acq: 20 May 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 3166

Ion Ratio Lower Upper

65 100

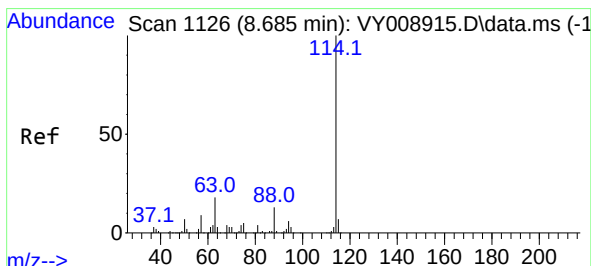
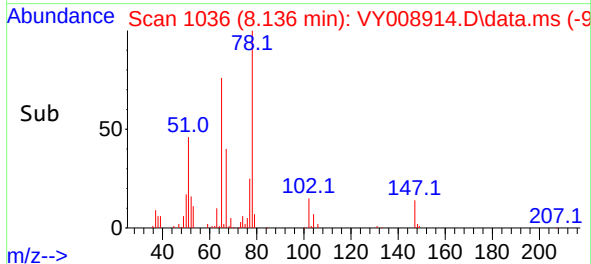
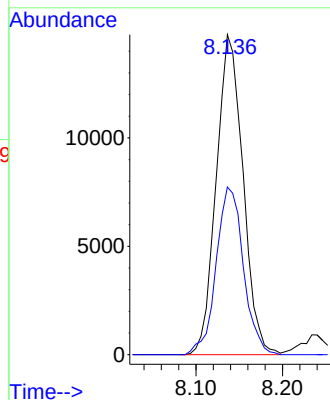
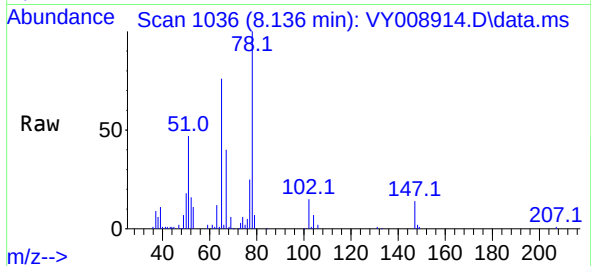
67 53.4 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY008914.D

Acq: 20 May 2022 19:24

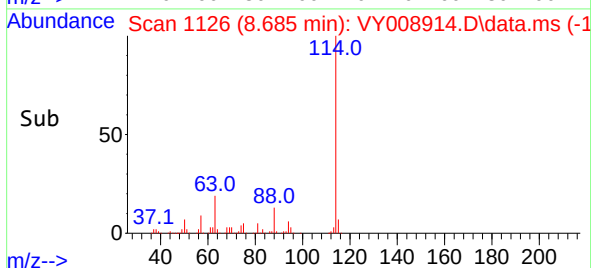
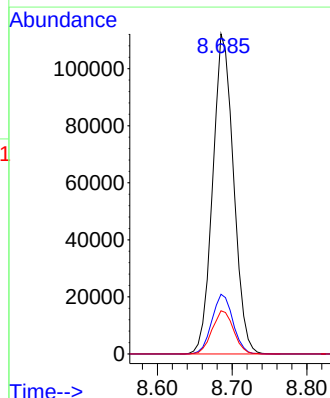
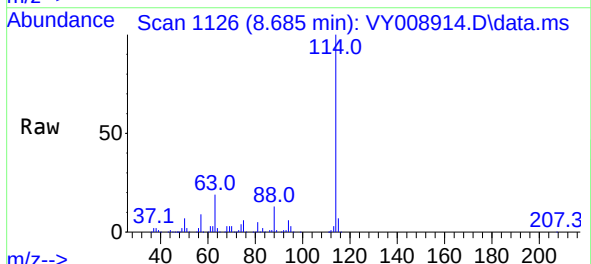
Tgt Ion:114 Resp: 216968

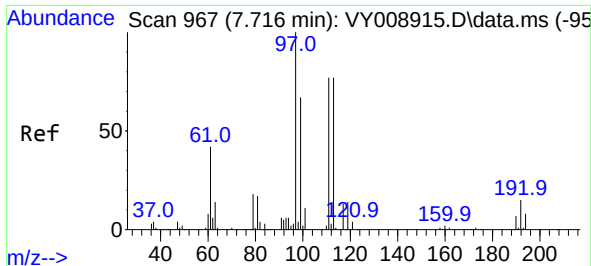
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

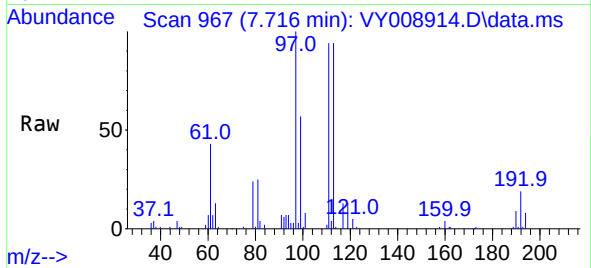
88 13.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 24.118 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

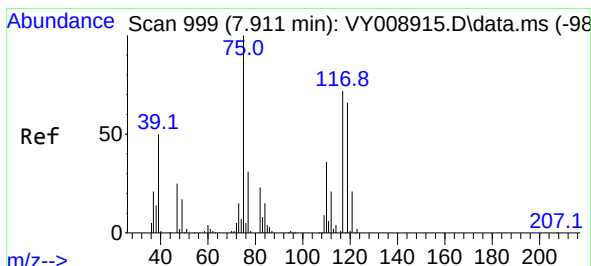
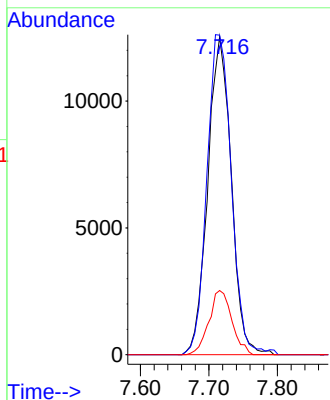
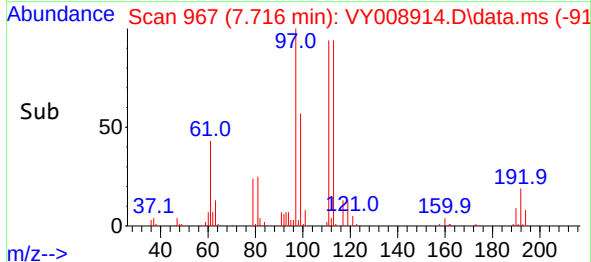
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



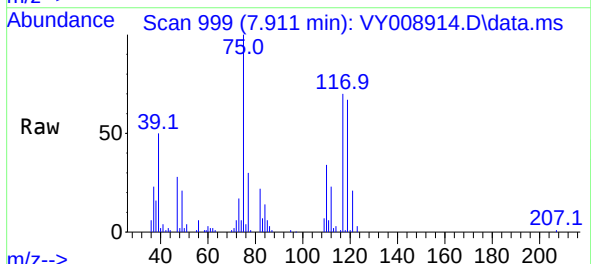
Tgt Ion: 113 Resp: 2983
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 19.7 17.6 26.4

Manual Integrations
APPROVED

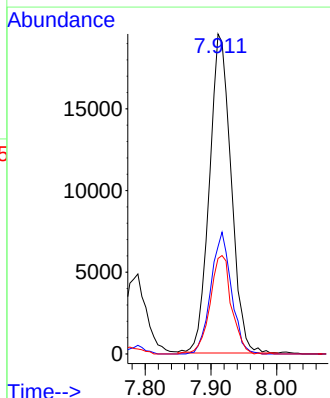
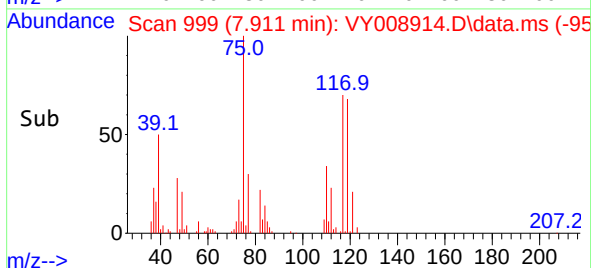
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

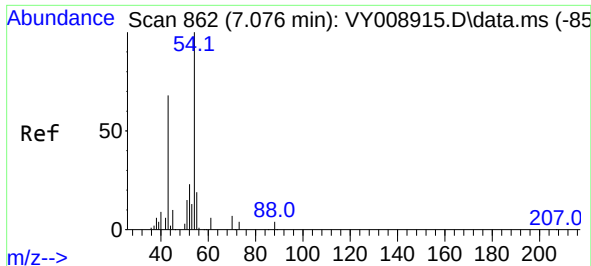


#36
1,1-Dichloropropene
Concen: 21.283 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



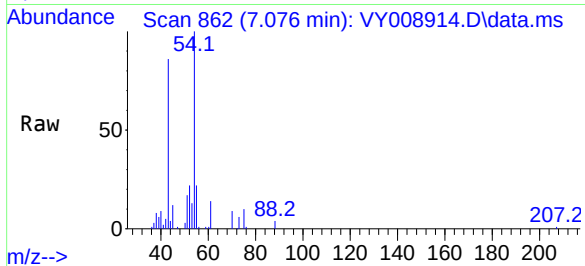
Tgt Ion: 75 Resp: 44899
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 19.216 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

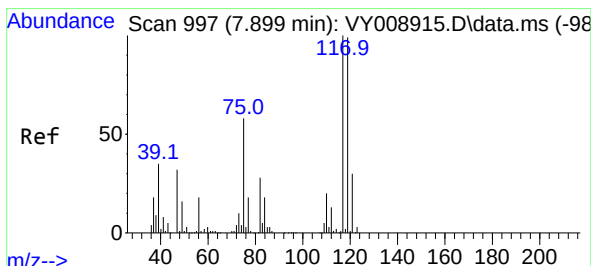
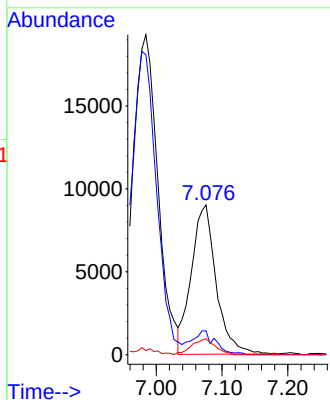
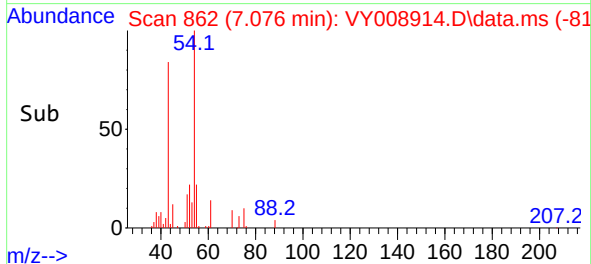
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
61 15.4 9.7 14.5
70 10.1 7.1 10.7

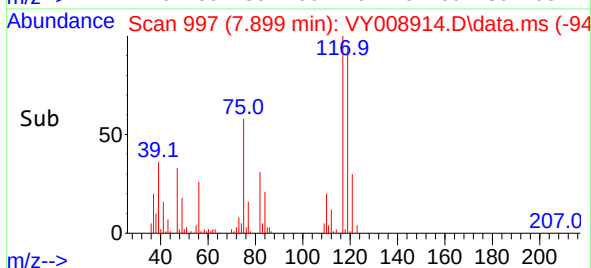
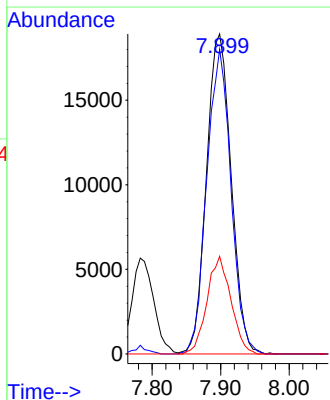
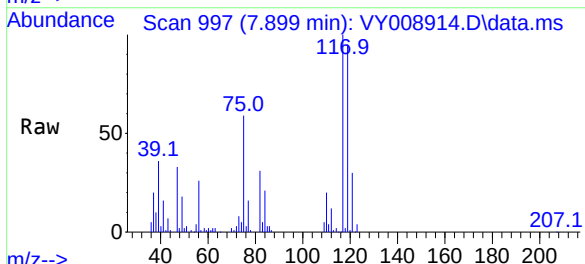
Manual Integrations
APPROVED

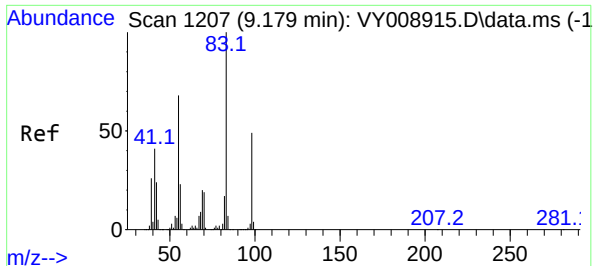
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 21.076 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion:117 Resp: 47447
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 22.601 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008914.D

Acq: 20 May 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 5771

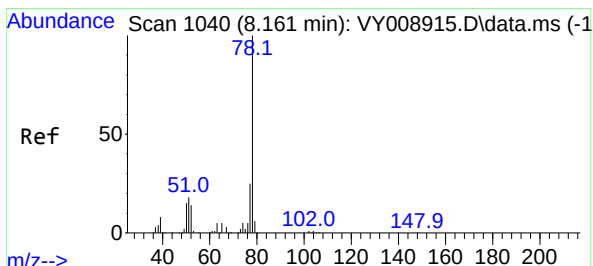
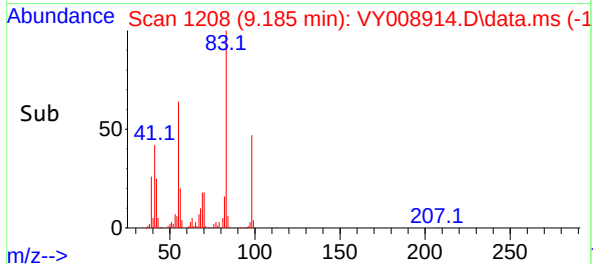
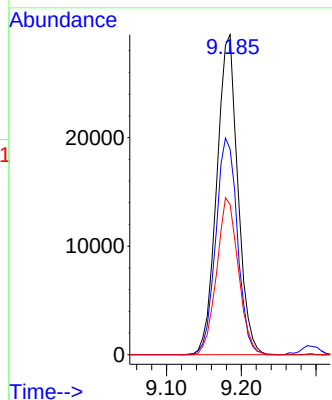
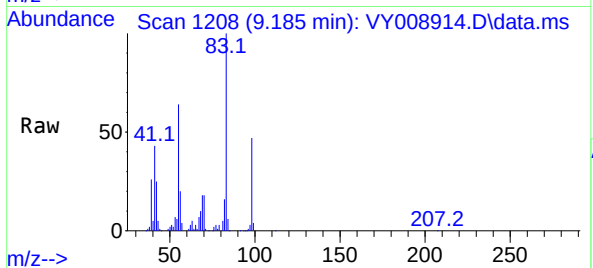
Ion	Ratio	Lower	Upper
83	100		
55	64.2	66.5	99.7
98	46.9	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 22.122 ug/l

RT: 8.161 min Scan# 1040

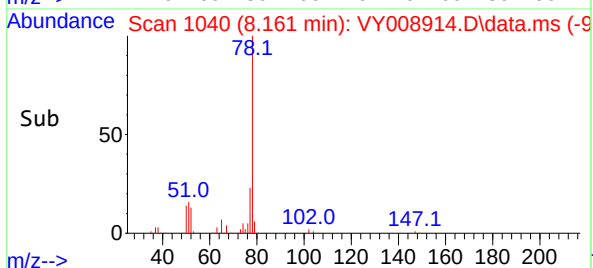
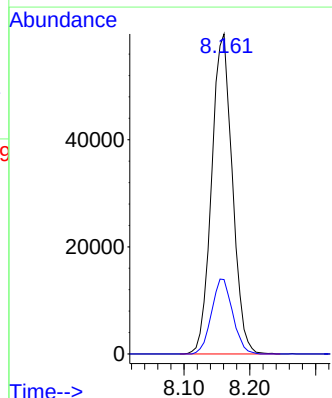
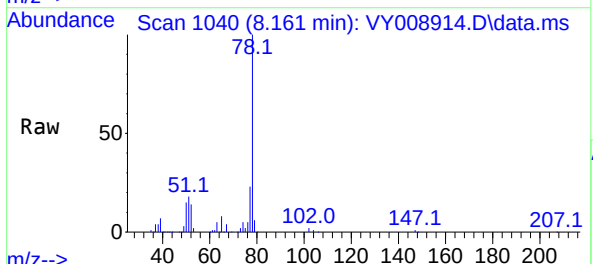
Delta R.T. -0.000 min

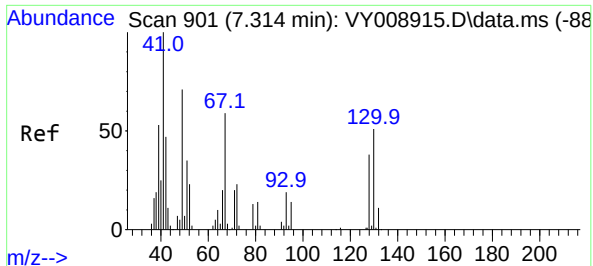
Lab File: VY008914.D

Acq: 20 May 2022 19:24

Tgt Ion: 78 Resp: 131008

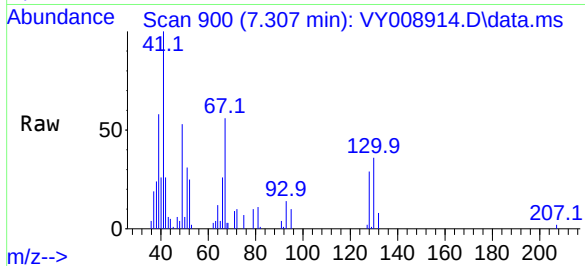
Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.4	30.6





#41
Methacrylonitrile
Concen: 18.917 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

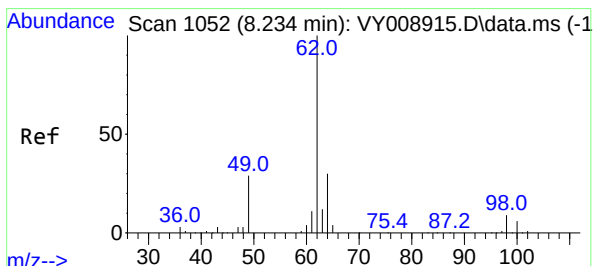
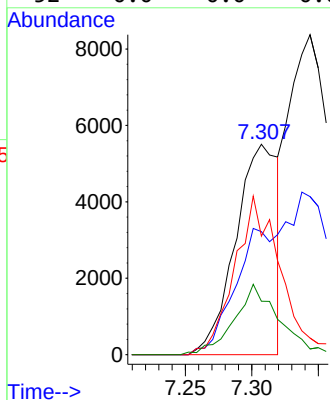
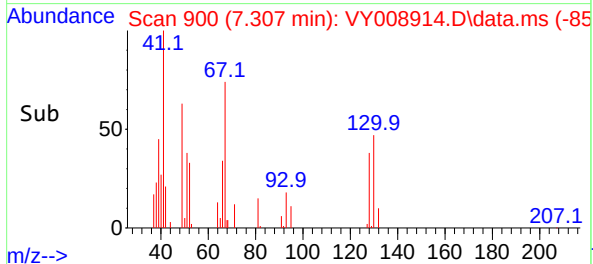
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 12217
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

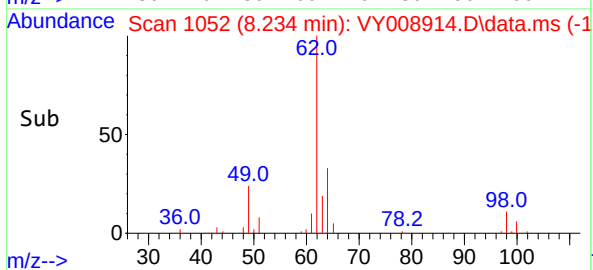
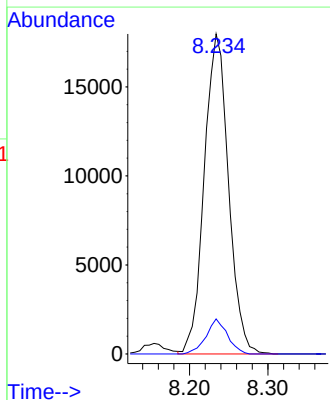
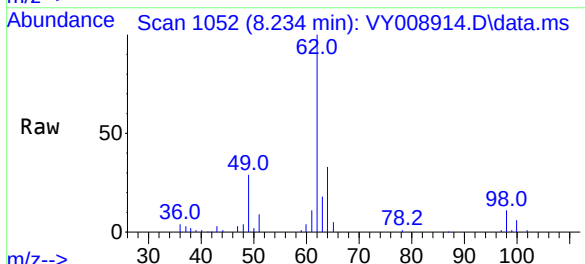
Manual Integrations
APPROVED

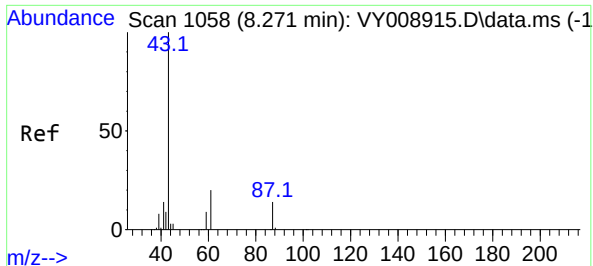
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 22.244 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

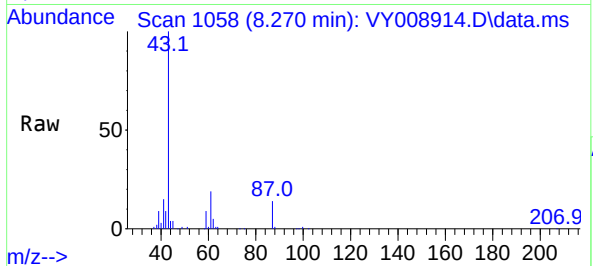
Tgt Ion: 62 Resp: 38678
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8





#43
Isopropyl Acetate
Concen: 21.370 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

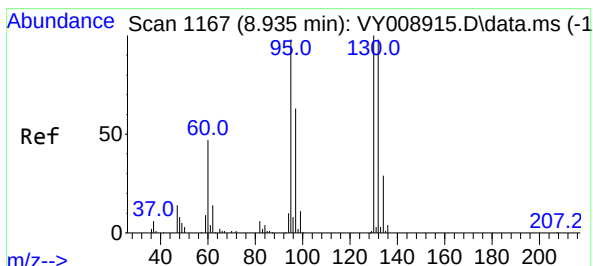
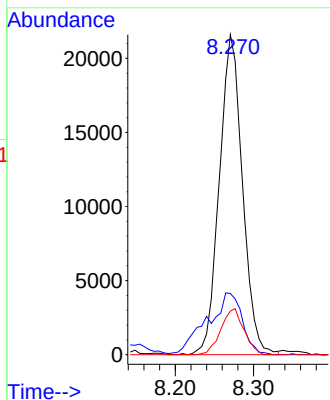
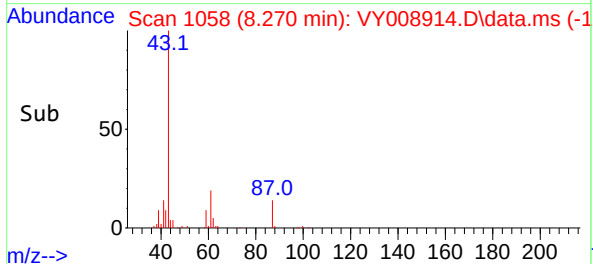
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 44379
Ion Ratio Lower Upper
43 100
61 29.3 20.2 30.2
87 14.3 8.9 13.3

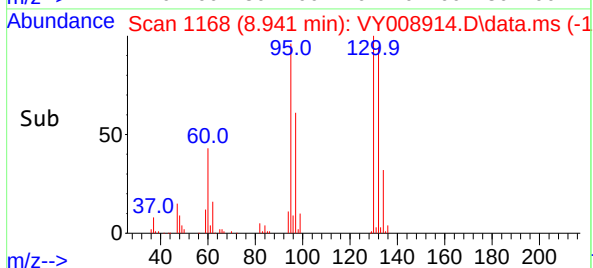
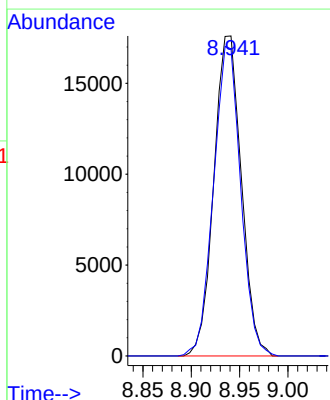
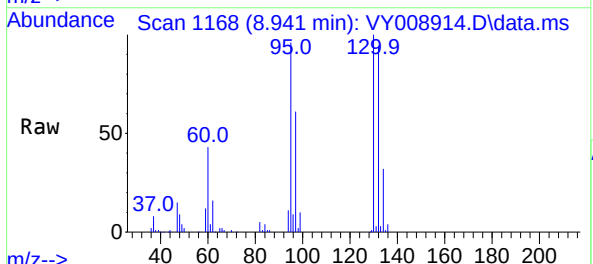
Manual Integrations
APPROVED

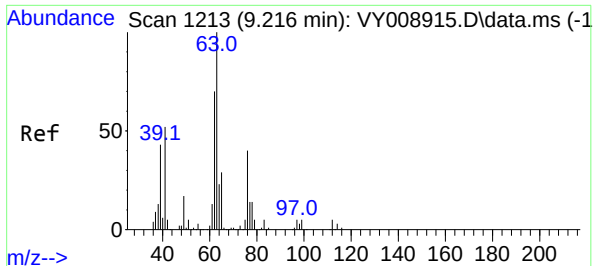
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 21.683 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion:130 Resp: 34731
Ion Ratio Lower Upper
130 100
95 96.0 0.0 188.2





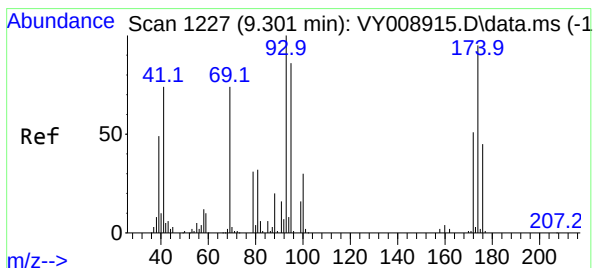
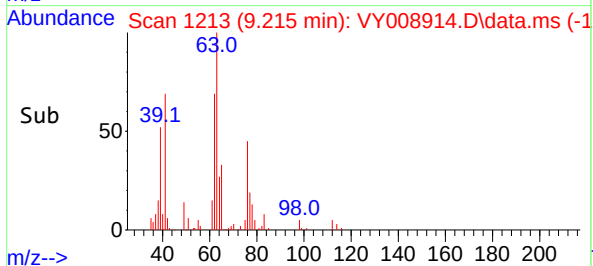
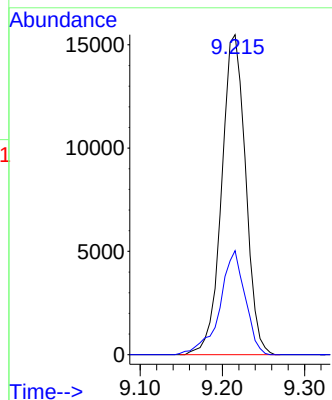
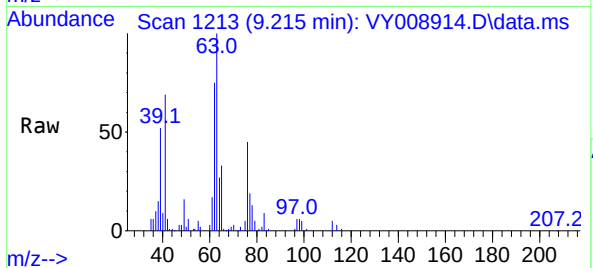
#45
1,2-Dichloropropane
Concen: 22.224 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 3138
Ion Ratio Lower Upper
63 100
65 32.5 23.0 34.6

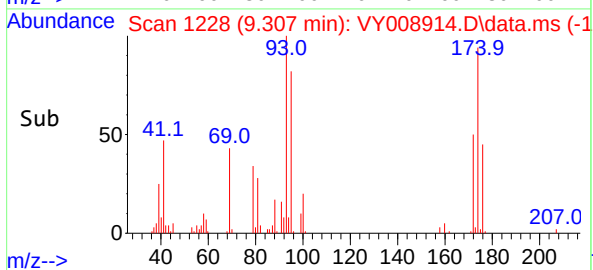
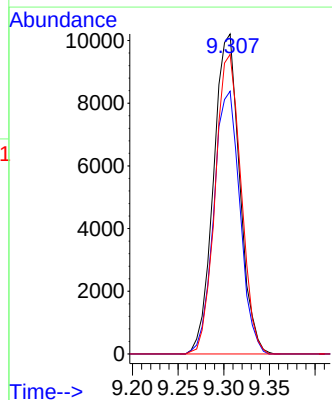
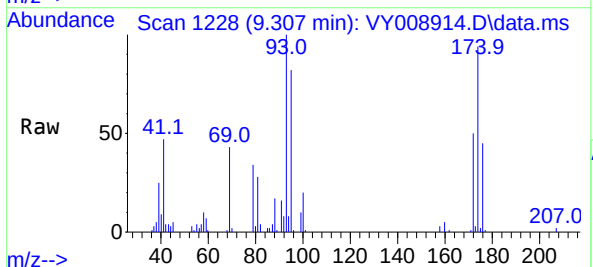
Manual Integrations
APPROVED

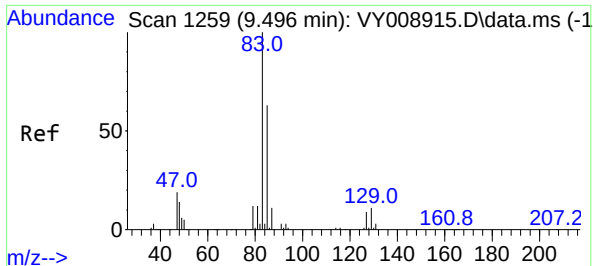
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#46
Dibromomethane
Concen: 21.961 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

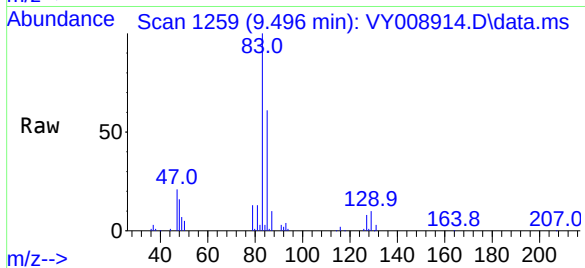
Tgt Ion: 93 Resp: 20301
Ion Ratio Lower Upper
93 100
95 82.1 64.3 96.5
174 92.3 83.4 125.0





#47
Bromodichloromethane
Concen: 22.685 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

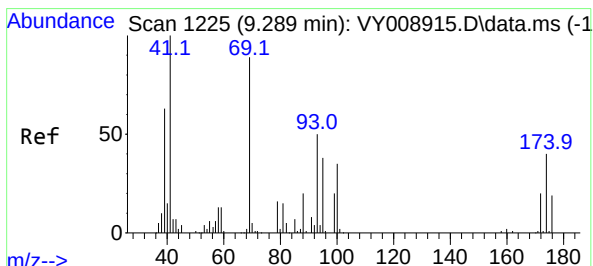
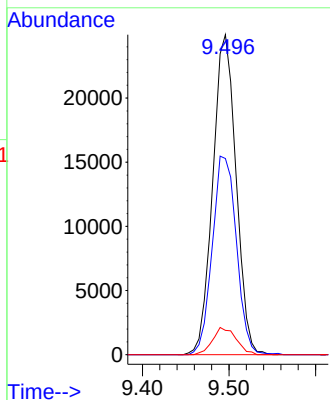
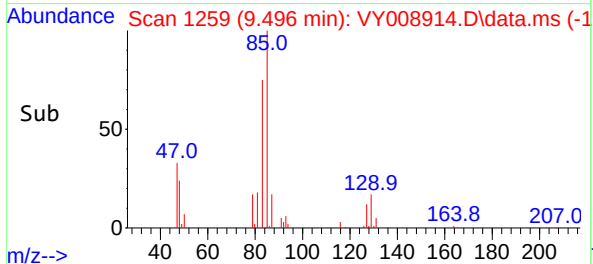
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



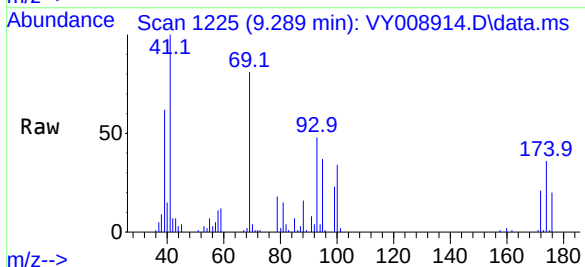
Tgt Ion: 83 Resp: 4654
Ion Ratio Lower Upper
83 100
85 61.3 51.9 77.9
127 7.6 6.6 10.0

Manual Integrations
APPROVED

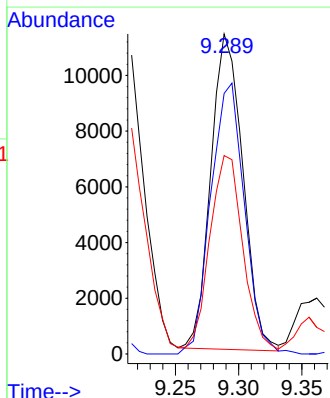
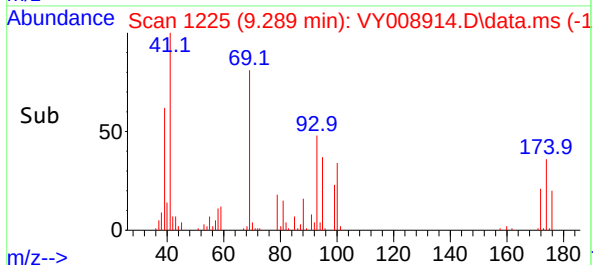
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

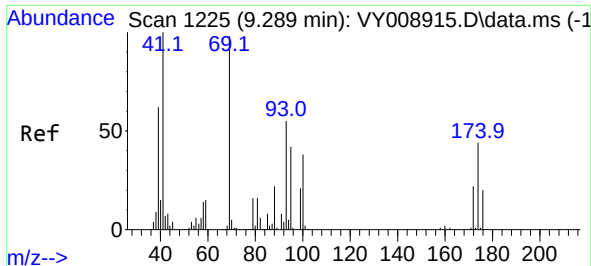


#48
Methyl methacrylate
Concen: 21.635 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



Tgt Ion: 41 Resp: 19892
Ion Ratio Lower Upper
41 100
69 90.5 58.2 87.2
39 63.1 47.4 71.0





#49

1,4-Dioxane

Concen: 401.488 ug/l

RT: 9.295 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VY008914.D

Acq: 20 May 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

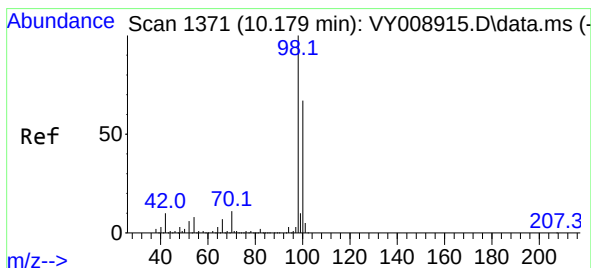
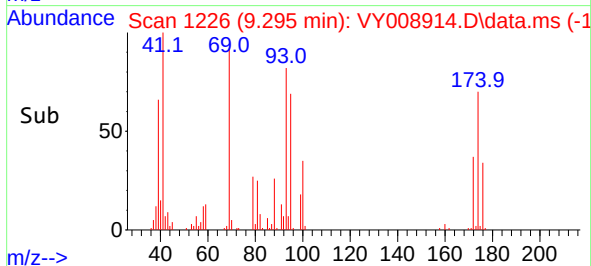
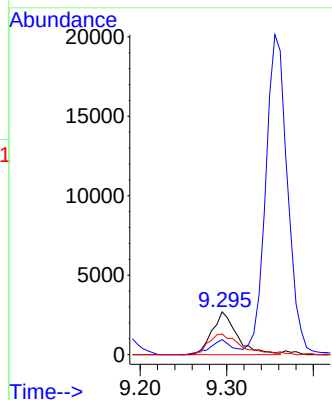
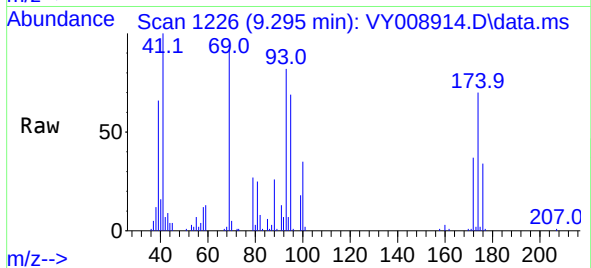
Tgt Ion:	88	Resp:	540
Ion	Ratio	Lower	Upper
88	100		
43	32.0	32.8	49.2
58	63.6	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#50

Toluene-d8

Concen: 25.349 ug/l

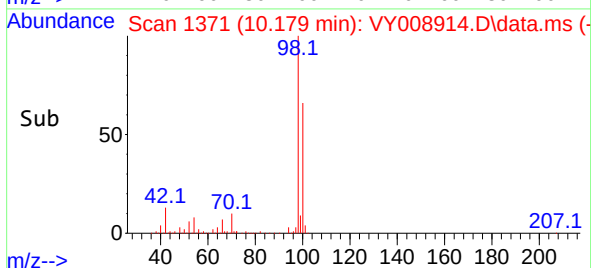
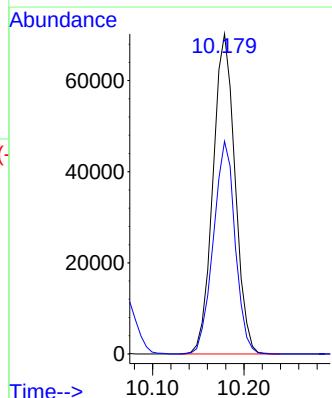
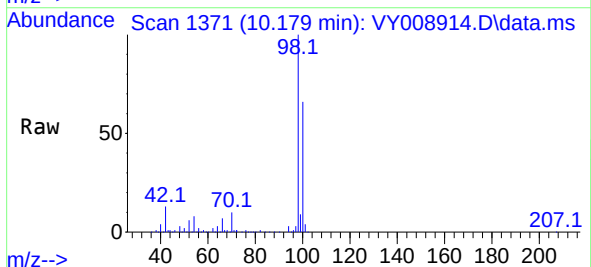
RT: 10.179 min Scan# 1371

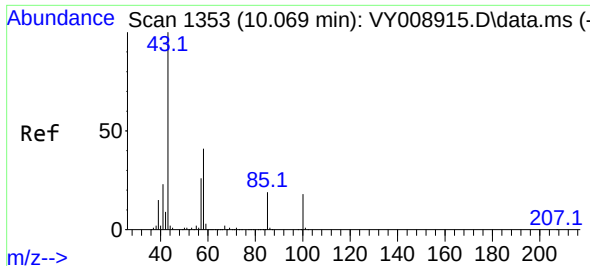
Delta R.T. -0.000 min

Lab File: VY008914.D

Acq: 20 May 2022 19:24

Tgt Ion:	98	Resp:	117493
Ion	Ratio	Lower	Upper
98	100		
100	65.7	50.2	75.2





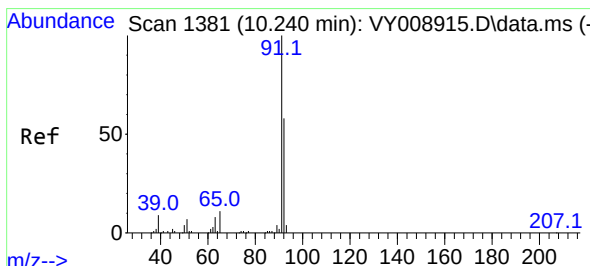
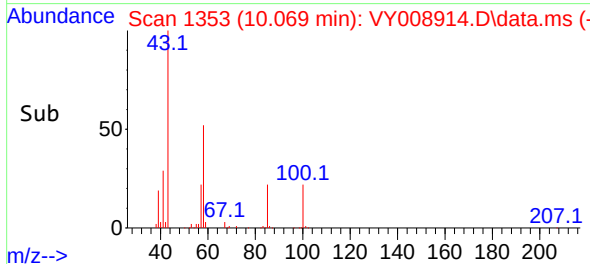
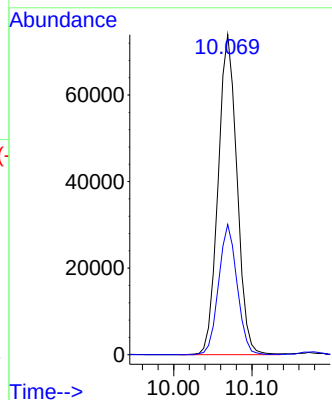
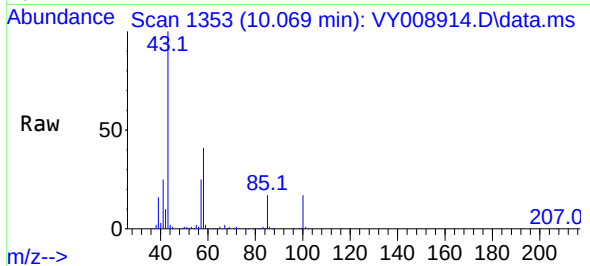
#51
4-Methyl-2-Pentanone
Concen: 102.196 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 12402
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1

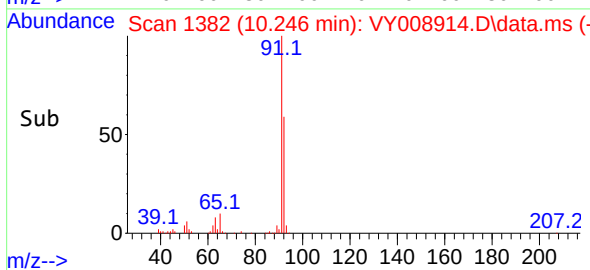
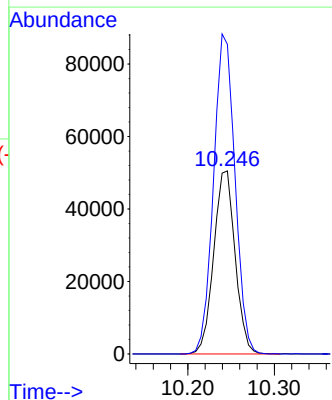
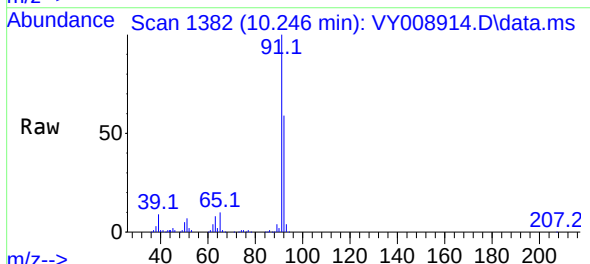
Manual Integrations
APPROVED

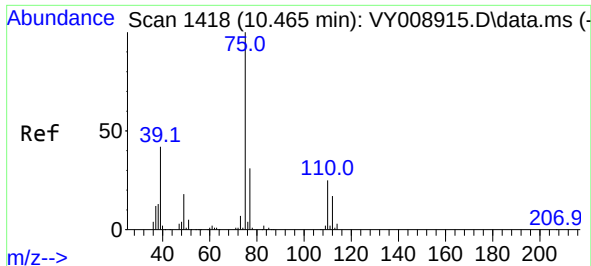
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#52
Toluene
Concen: 21.418 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

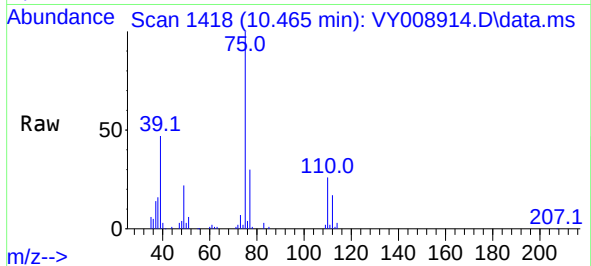
Tgt Ion: 92 Resp: 86797
Ion Ratio Lower Upper
92 100
91 175.0 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 22.025 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

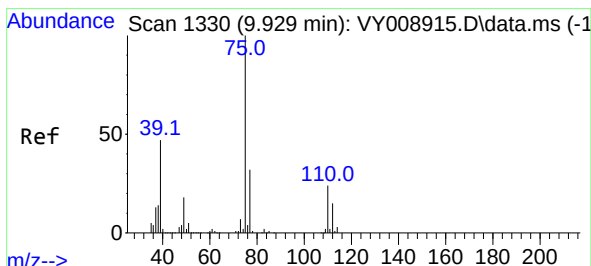
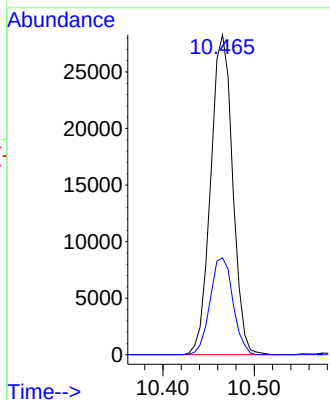
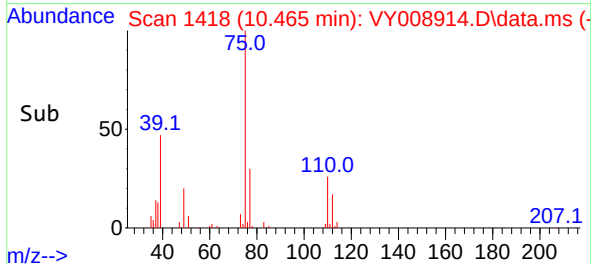
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



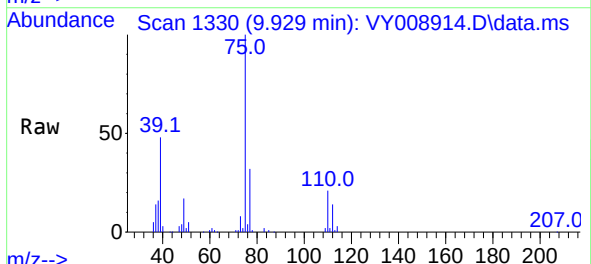
Tgt Ion: 75 Resp: 47224
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2

Manual Integrations
APPROVED

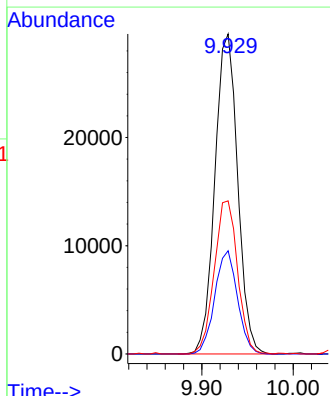
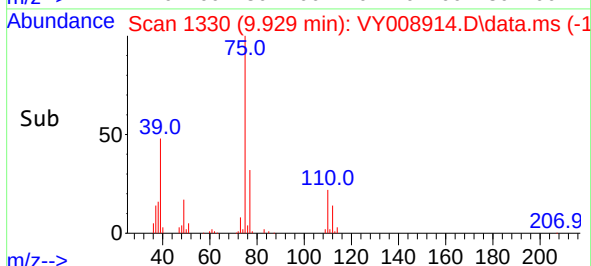
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

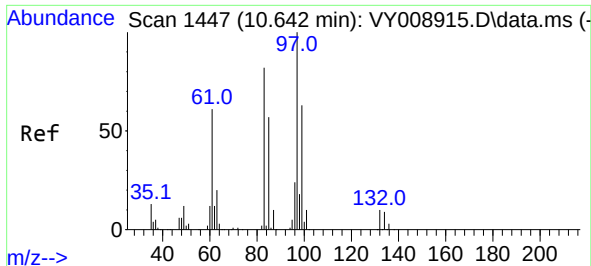


#54
cis-1,3-Dichloropropene
Concen: 22.189 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



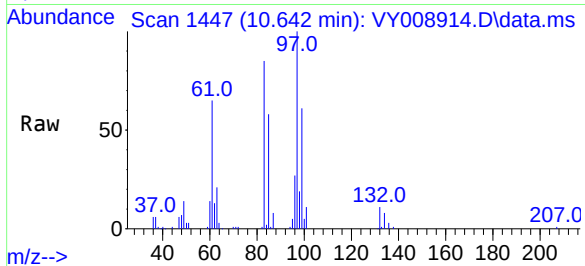
Tgt Ion: 75 Resp: 51222
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
39 47.9 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 21.948 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

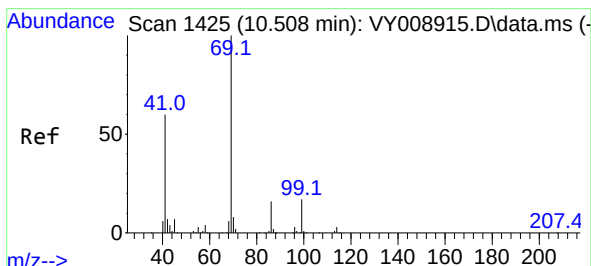
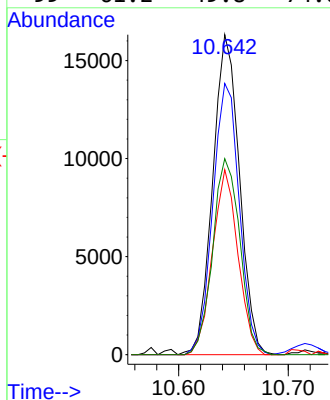
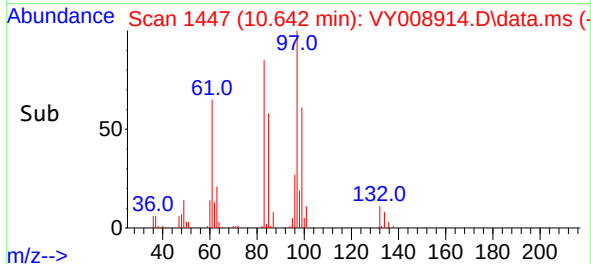
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



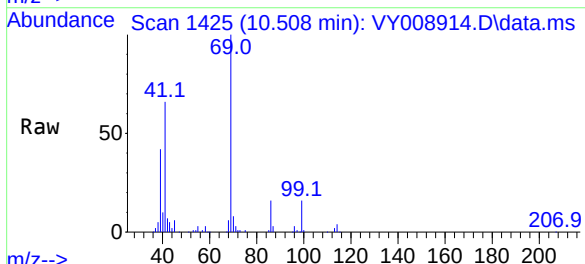
Tgt Ion: 97 Resp: 27589
Ion Ratio Lower Upper
97 100
83 84.8 69.8 104.8
85 57.8 44.3 66.5
99 61.2 49.8 74.6

Manual Integrations
APPROVED

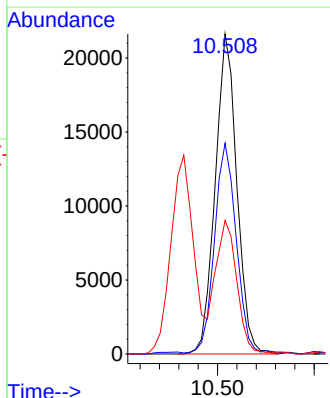
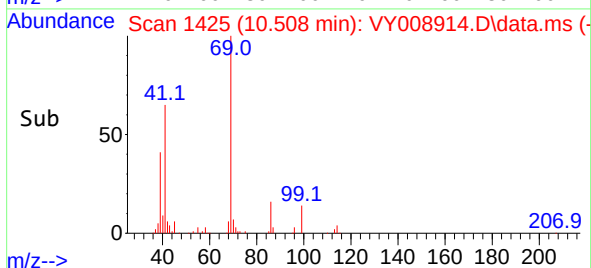
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

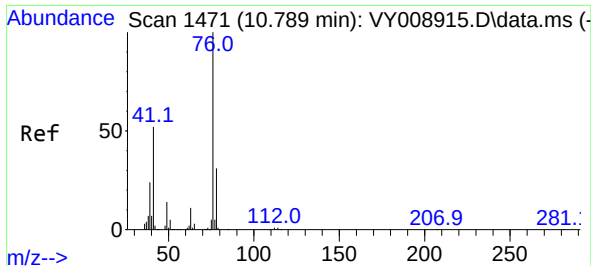


#56
Ethyl methacrylate
Concen: 21.672 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



Tgt Ion: 69 Resp: 33512
Ion Ratio Lower Upper
69 100
41 66.9 63.4 95.0
39 40.1 35.8 53.8





#57

1,3-Dichloropropane

Concen: 22.038 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008914.D

Acq: 20 May 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 45630

Ion Ratio Lower Upper

76 100

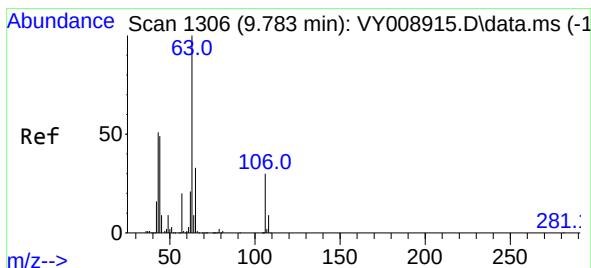
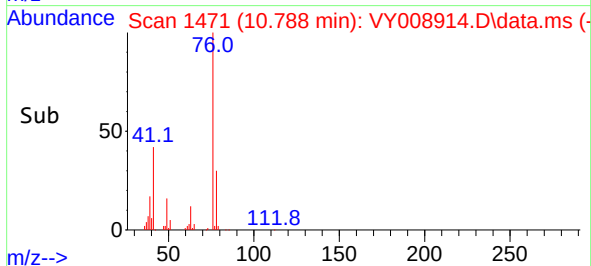
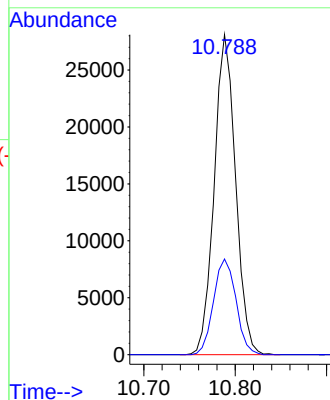
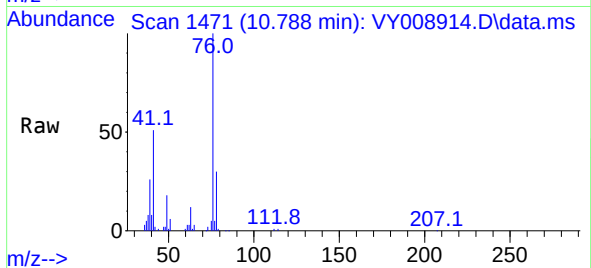
78 31.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 103.536 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008914.D

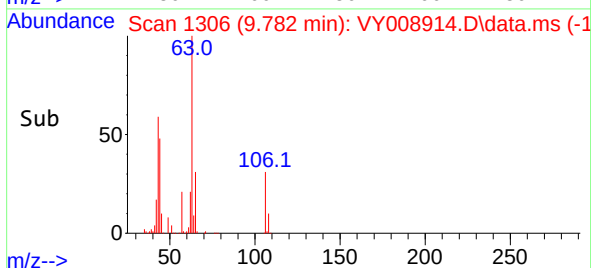
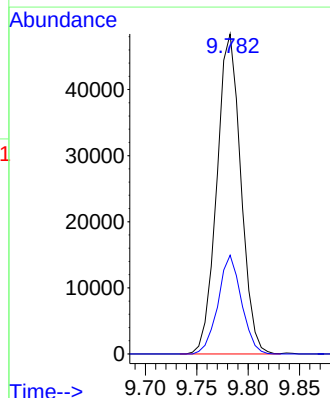
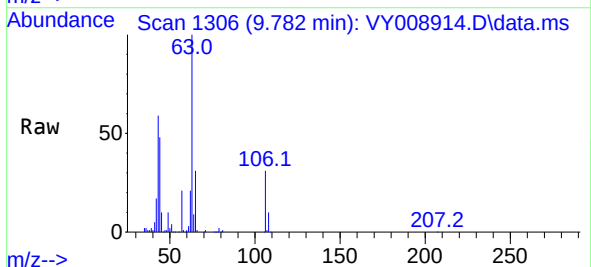
Acq: 20 May 2022 19:24

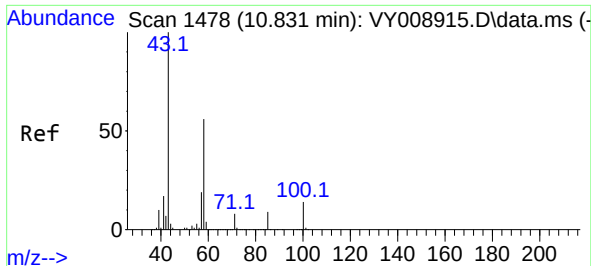
Tgt Ion: 63 Resp: 78529

Ion Ratio Lower Upper

63 100

106 30.0 21.5 32.3





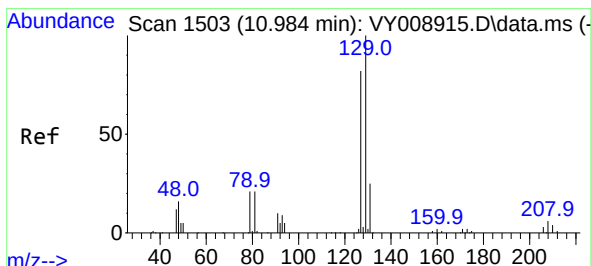
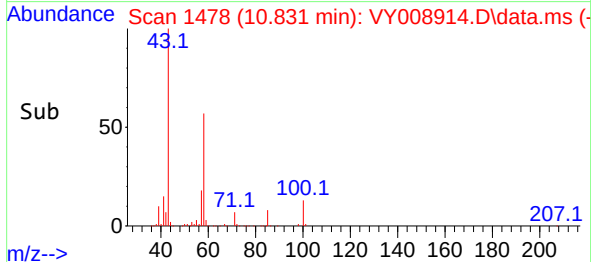
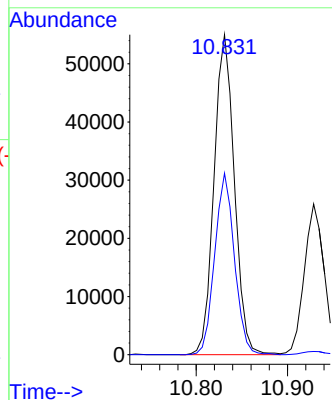
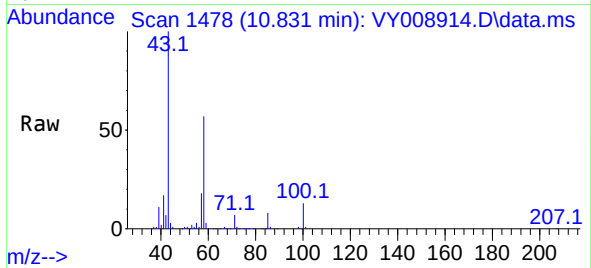
#59
2-Hexanone
Concen: 99.330 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 85334
Ion Ratio Lower Upper
43 100
58 54.9 24.4 73.4

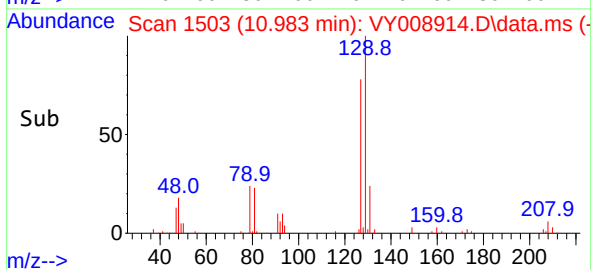
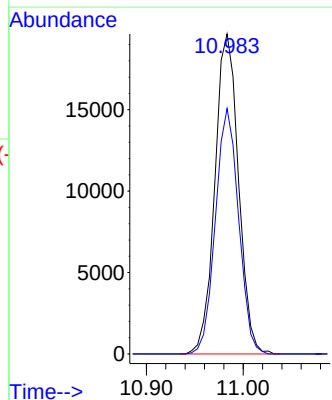
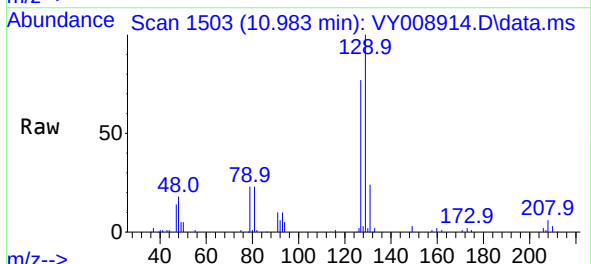
Manual Integrations
APPROVED

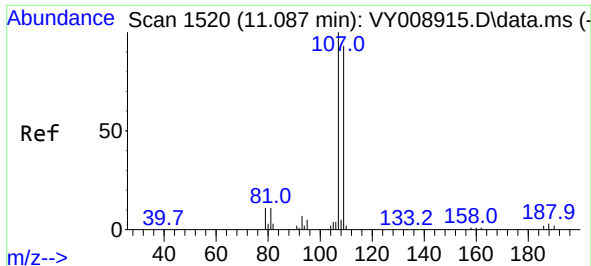
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 21.904 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion:129 Resp: 33268
Ion Ratio Lower Upper
129 100
127 75.2 38.7 116.1





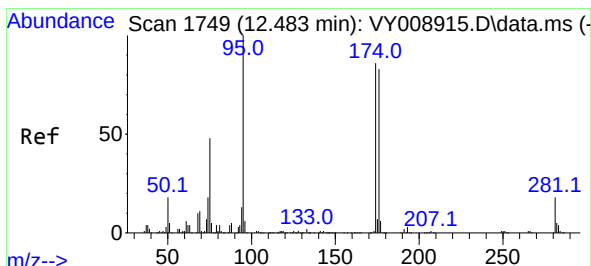
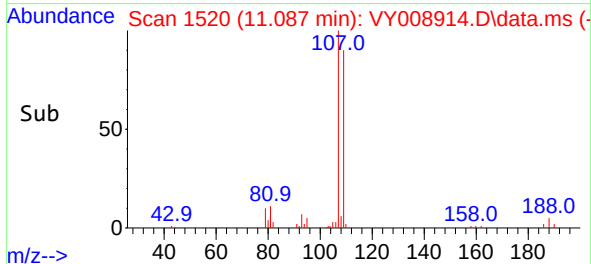
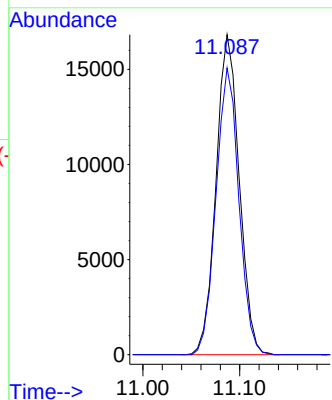
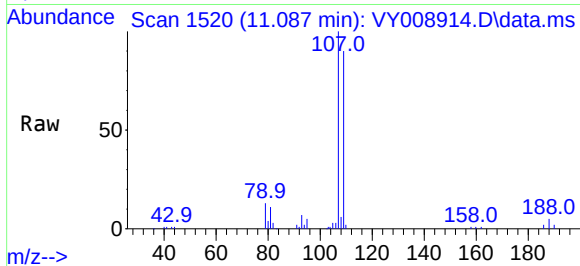
#61
1,2-Dibromoethane
Concen: 22.299 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 2800
Ion Ratio Lower Upper
107 100
109 88.3 75.4 113.2

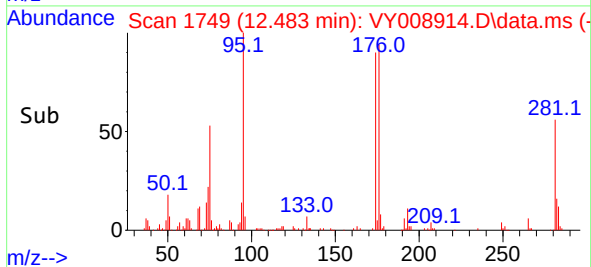
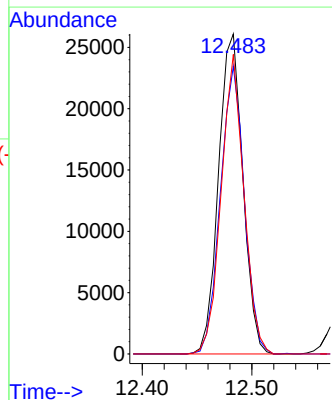
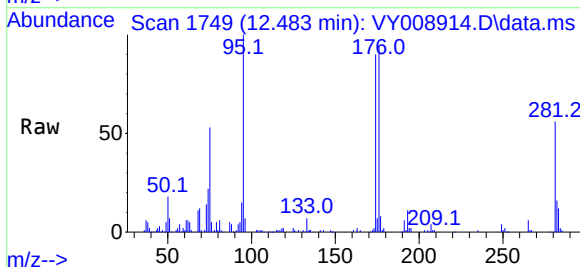
Manual Integrations
APPROVED

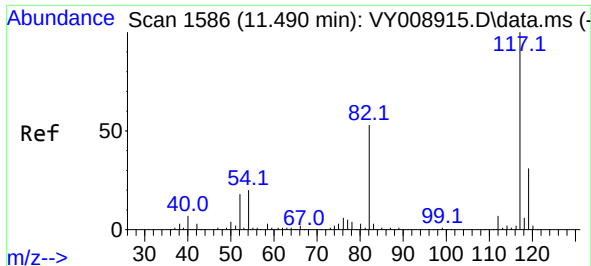
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 22.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

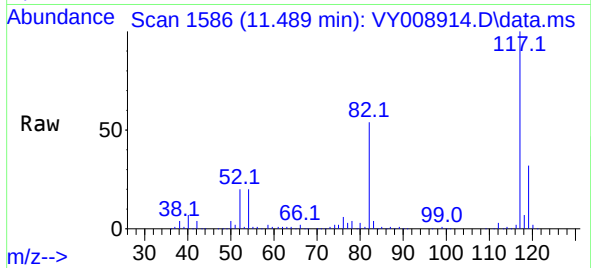
Tgt Ion: 95 Resp: 40213
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 87.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

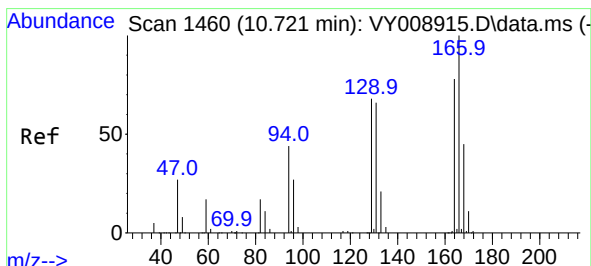
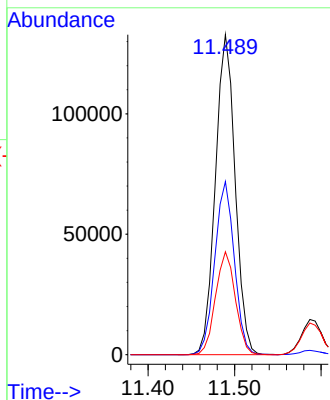
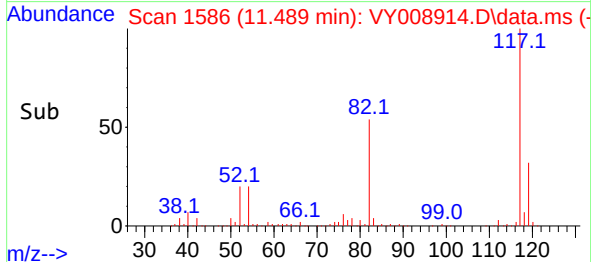
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



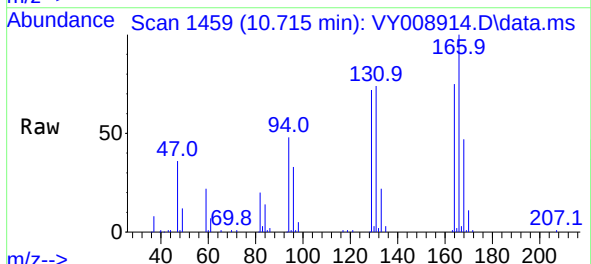
Tgt Ion:117 Resp: 210610
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.2 25.4 38.0

Manual Integrations
APPROVED

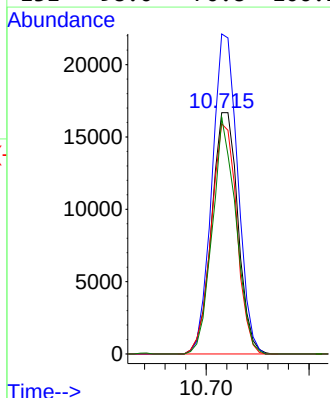
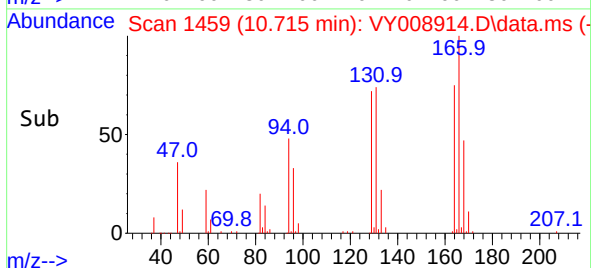
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

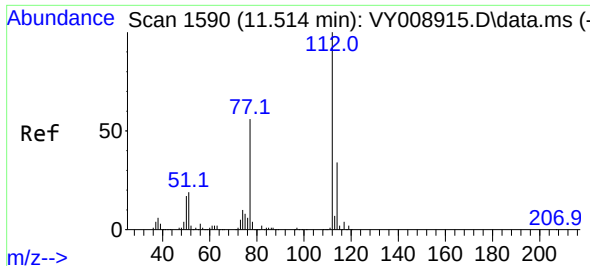


#64
Tetrachloroethene
Concen: 21.159 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



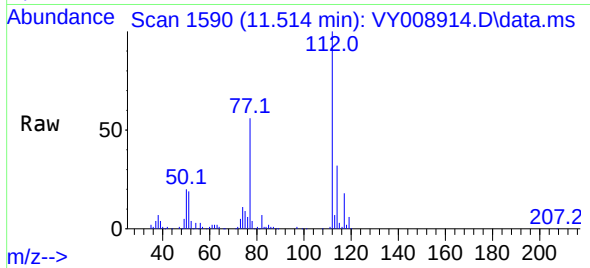
Tgt Ion:164 Resp: 29650
Ion Ratio Lower Upper
164 100
166 132.6 100.4 150.6
129 95.4 71.4 107.0
131 98.0 70.8 106.2





#65
Chlorobenzene
Concen: 21.466 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

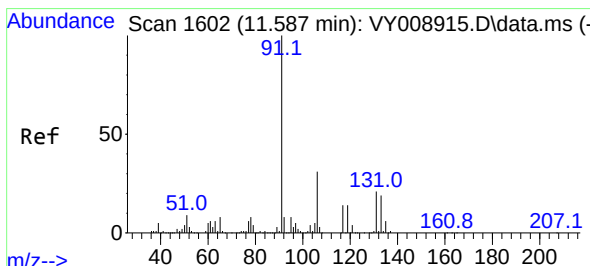
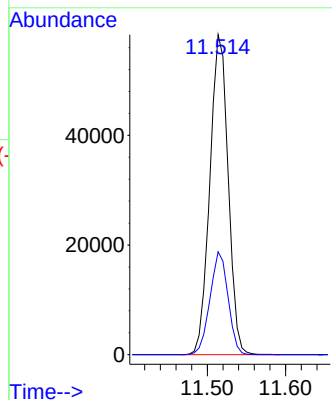
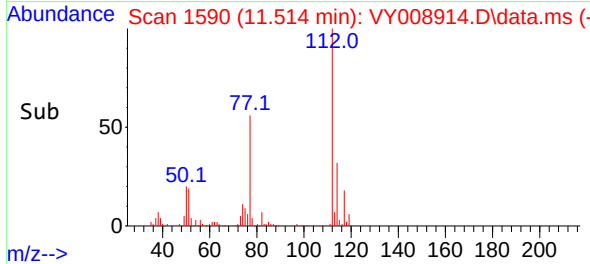
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 94714
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

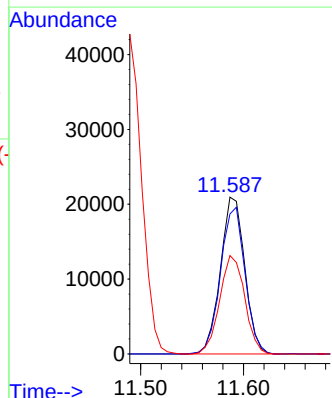
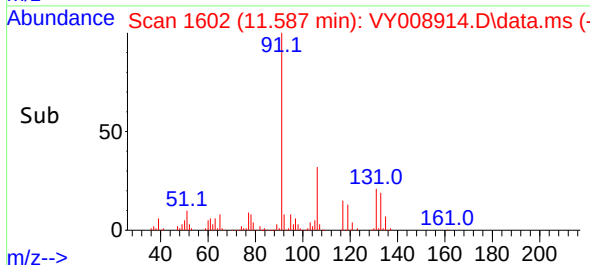
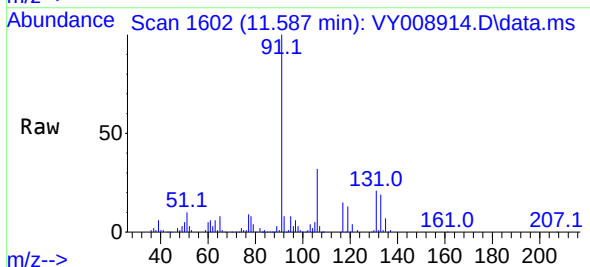
Manual Integrations
APPROVED

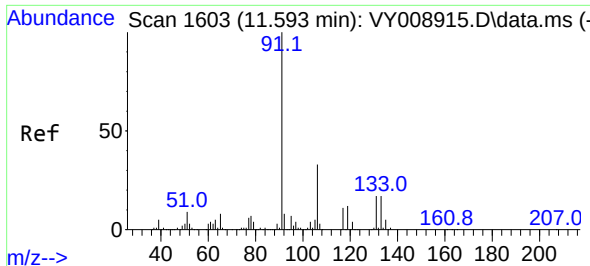
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.265 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

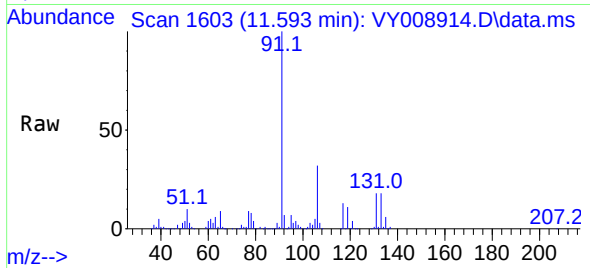
Tgt Ion:131 Resp: 34431
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.6
119 64.6 30.8 92.3





#67
Ethyl Benzene
Concen: 21.183 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

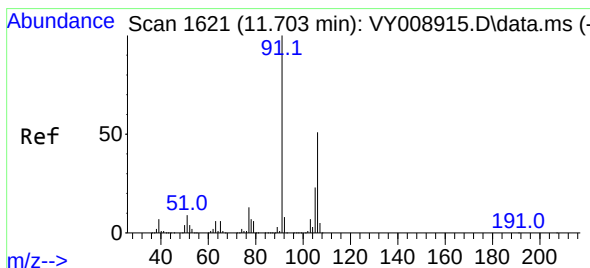
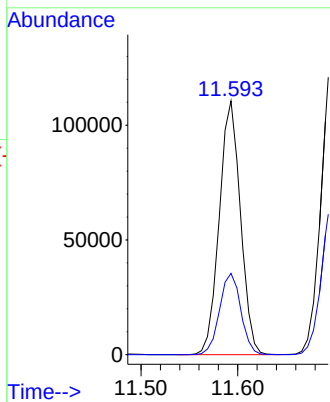
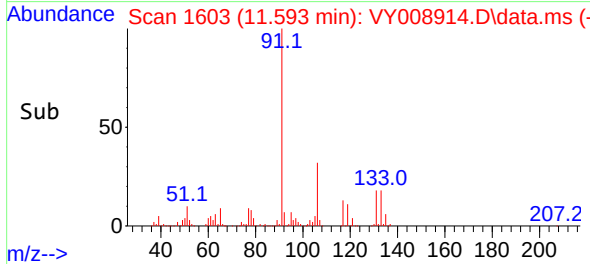
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



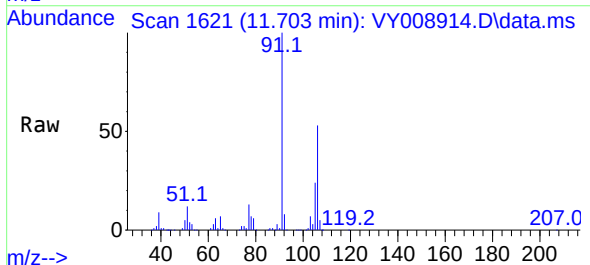
Tgt Ion: 91 Resp: 16796
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

Manual Integrations
APPROVED

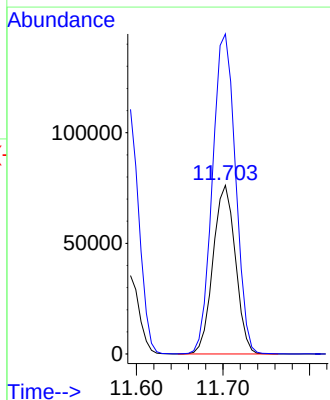
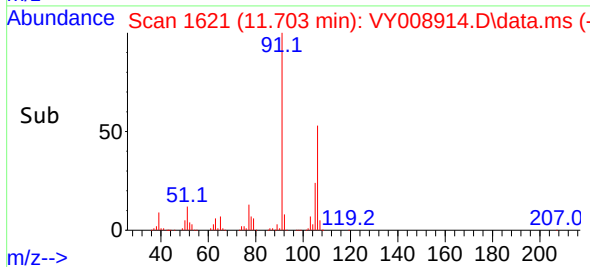
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

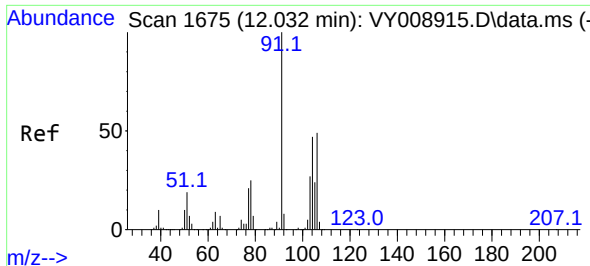


#68
m/p-Xylenes
Concen: 42.976 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



Tgt Ion:106 Resp: 136578
Ion Ratio Lower Upper
106 100
91 195.9 166.6 249.8





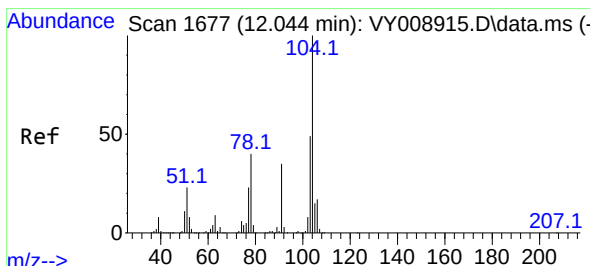
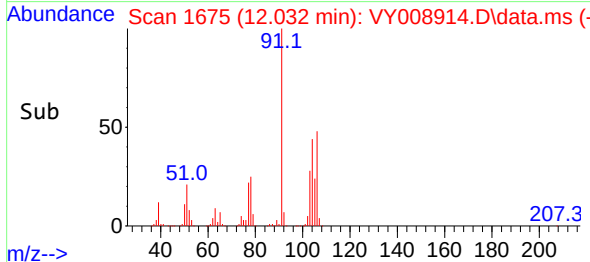
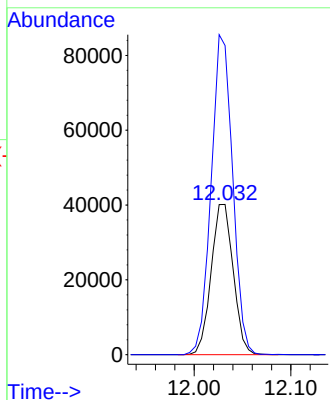
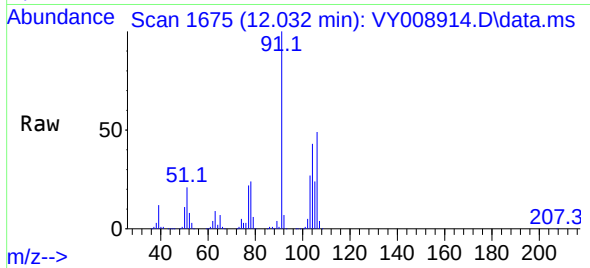
#69
o-Xylene
Concen: 21.704 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 63675
Ion Ratio Lower Upper
106 100
91 207.1 110.3 331.0

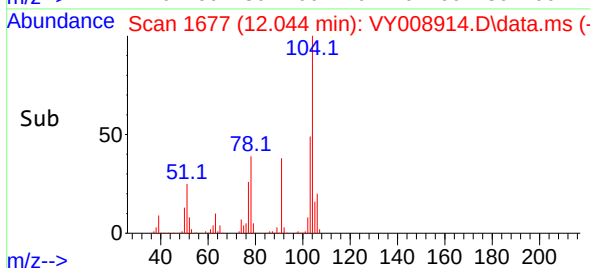
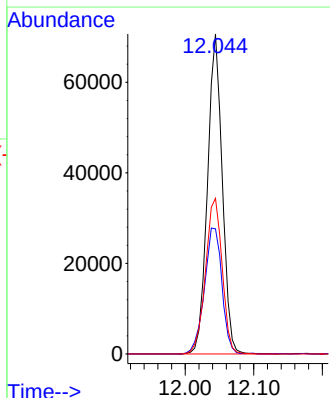
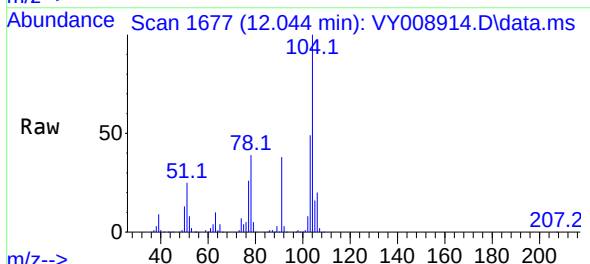
Manual Integrations
APPROVED

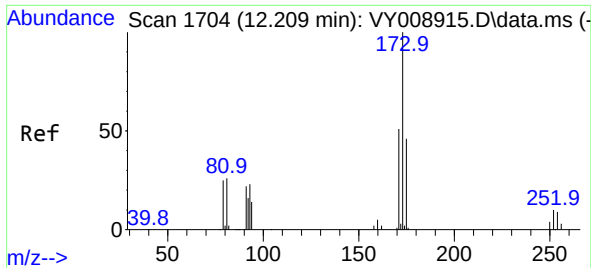
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 21.185 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

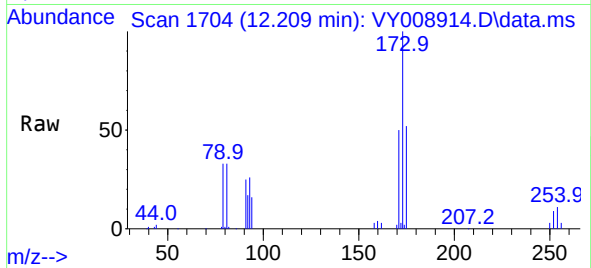
Tgt Ion:104 Resp: 106050
Ion Ratio Lower Upper
104 100
78 46.7 42.4 63.6
103 54.8 44.4 66.6





#71
Bromoform
Concen: 19.766 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

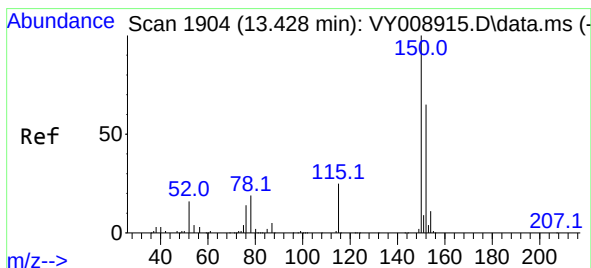
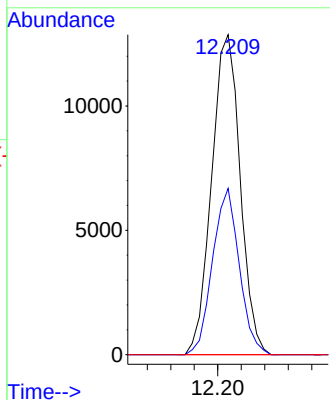
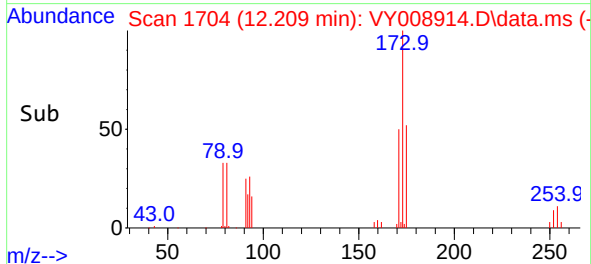
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



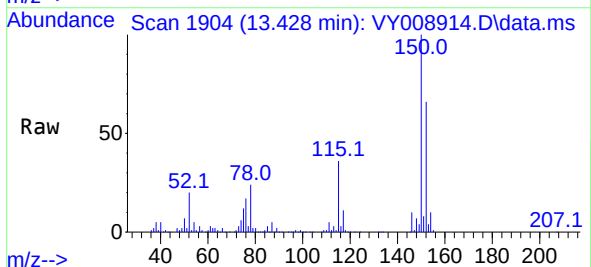
Tgt Ion:173 Resp: 21715
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

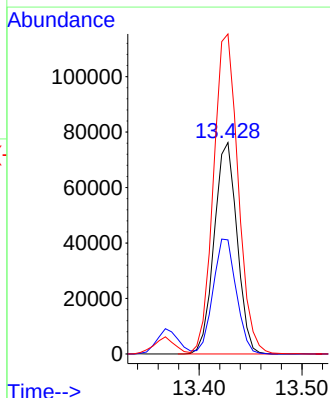
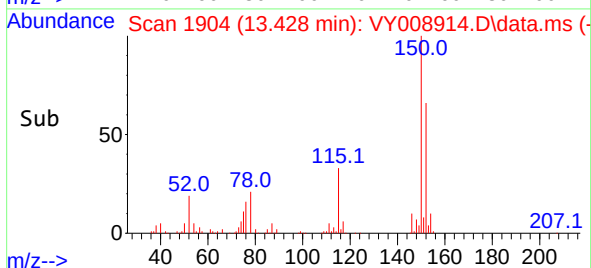
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

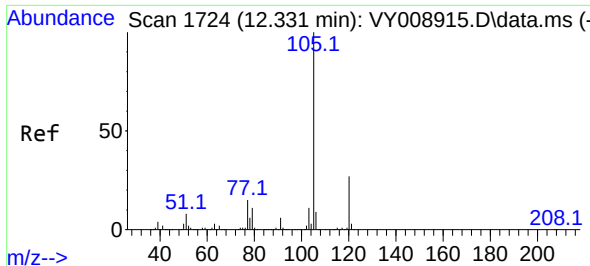


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



Tgt Ion:152 Resp: 117653
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 162.8 0.0 347.6





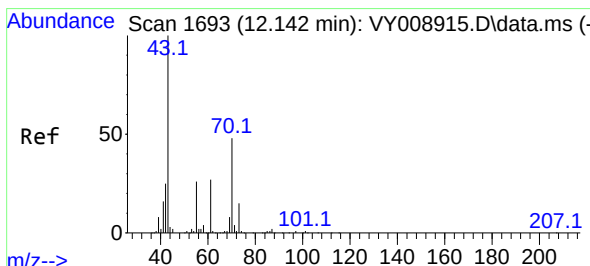
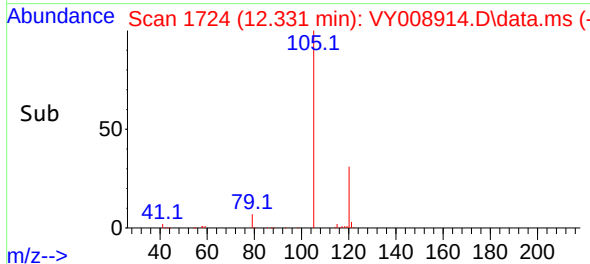
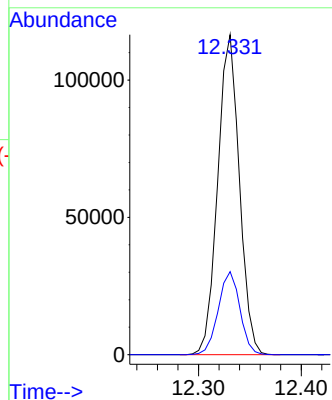
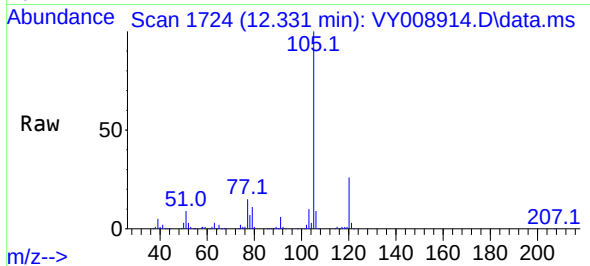
#73
Isopropylbenzene
Concen: 20.435 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 170040
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2

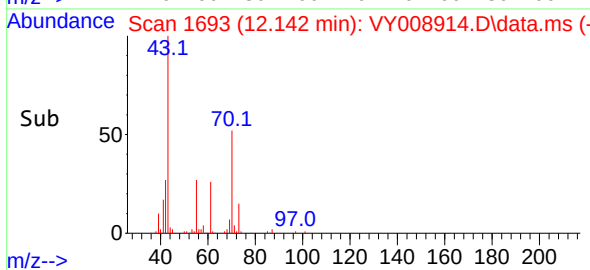
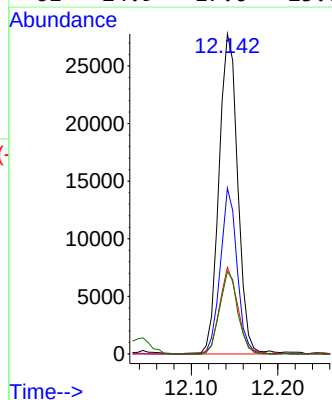
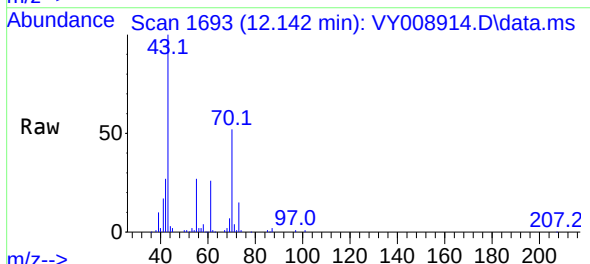
Manual Integrations
APPROVED

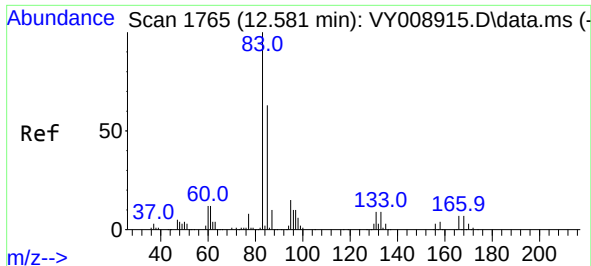
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#74
N-ethyl acetate
Concen: 21.170 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion: 43 Resp: 41794
Ion Ratio Lower Upper
43 100
70 46.1 28.7 43.1#
55 26.3 17.3 25.9#
61 24.9 17.0 25.6





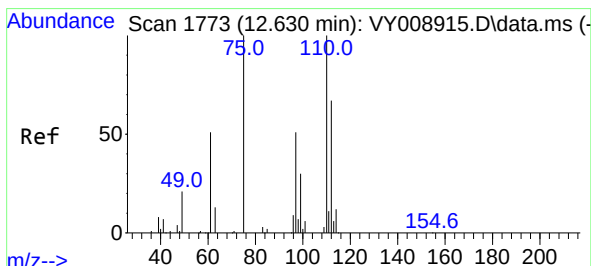
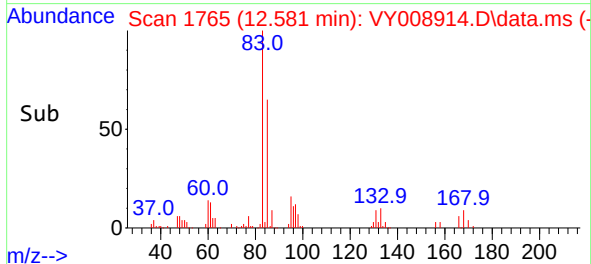
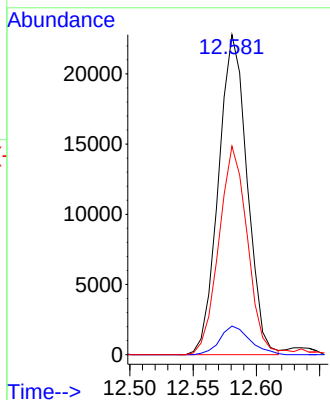
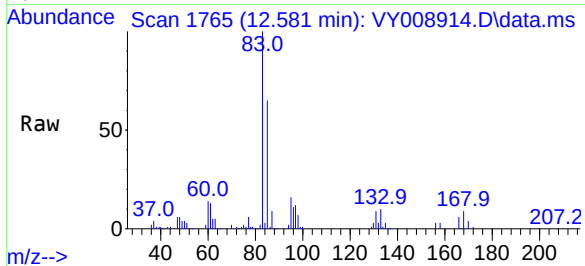
#75
1,1,2,2-Tetrachloroethane
Concen: 19.659 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 3588
Ion Ratio Lower Upper
83 100
131 9.4 5.6 16.8
85 65.2 32.3 96.8

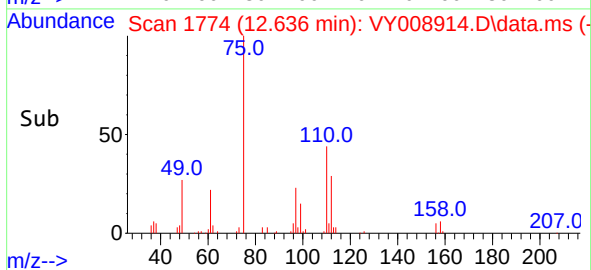
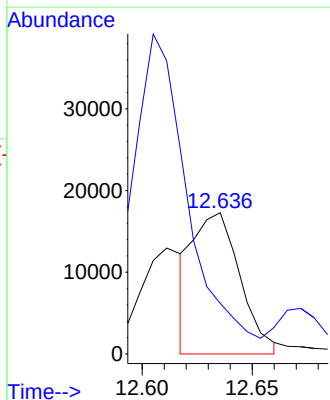
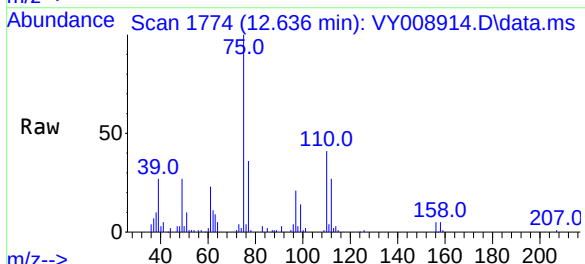
Manual Integrations
APPROVED

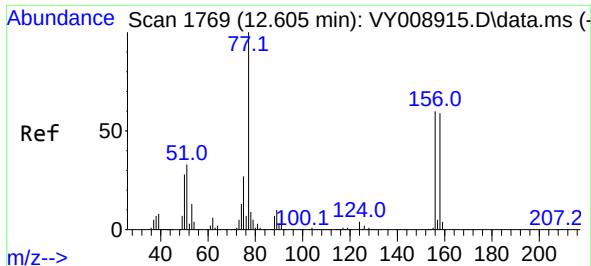
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#76
1,2,3-Trichloropropane
Concen: 18.703 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion: 75 Resp: 25768
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





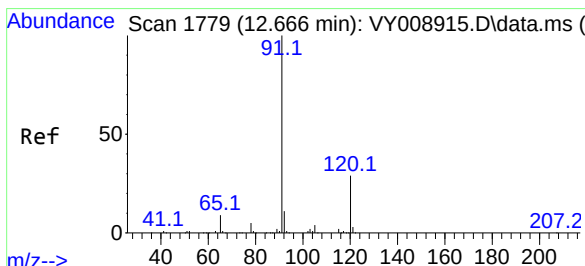
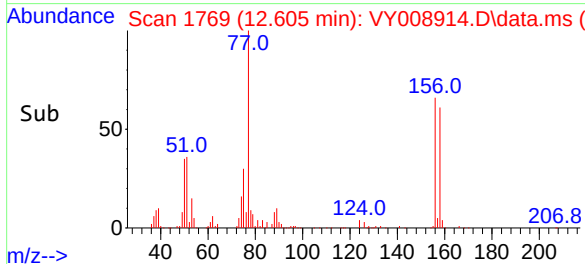
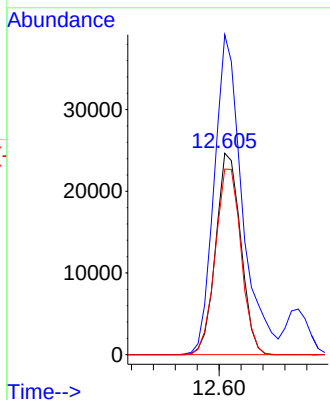
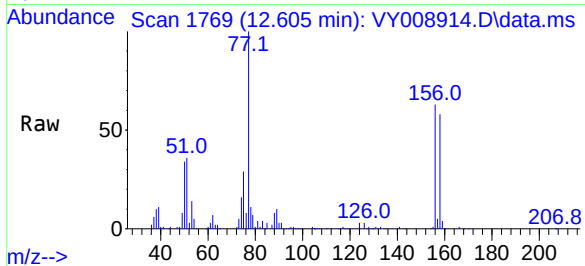
#77
Bromobenzene
Concen: 20.262 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 156 Resp: 3904
Ion Ratio Lower Upper
156 100
77 177.9 95.5 286.4
158 95.4 48.0 144.0

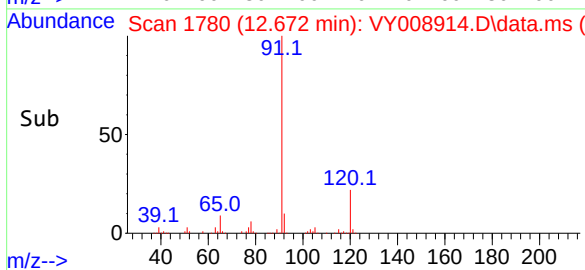
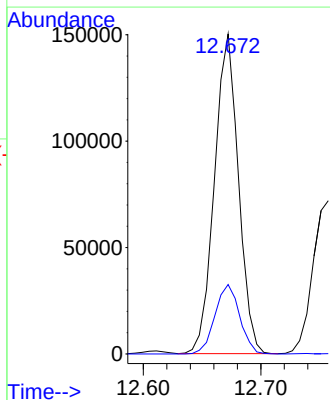
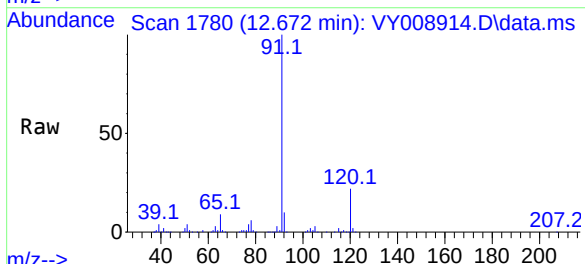
Manual Integrations
APPROVED

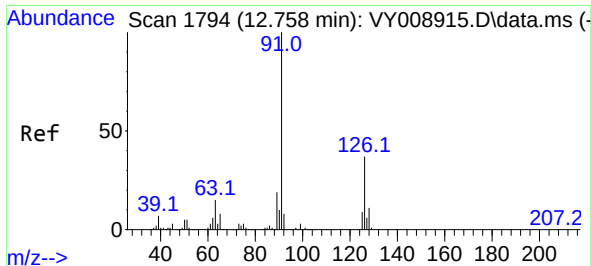
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#78
n-propylbenzene
Concen: 22.339 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion: 91 Resp: 213068
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9





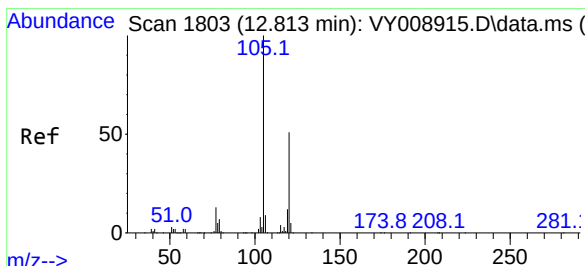
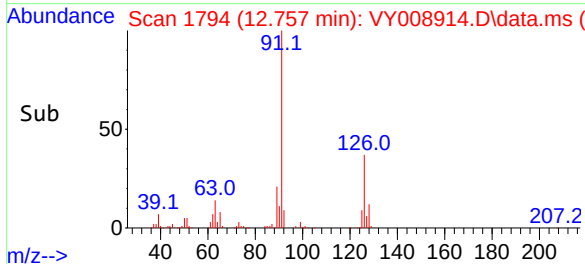
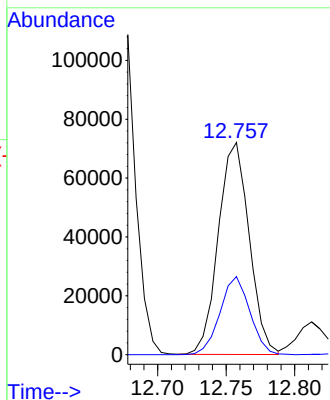
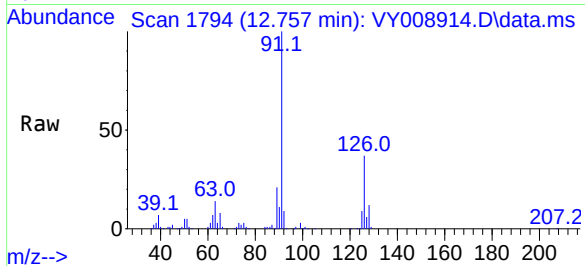
#79
2-Chlorotoluene
Concen: 20.404 ug/l
RT: 12.757 min Scan# 113070
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 113070
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6

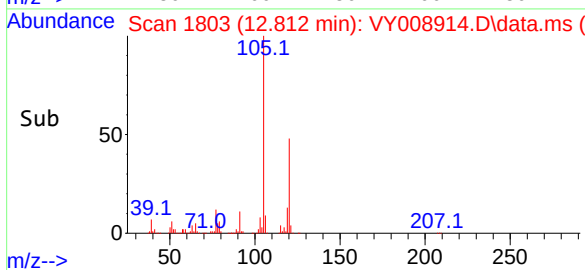
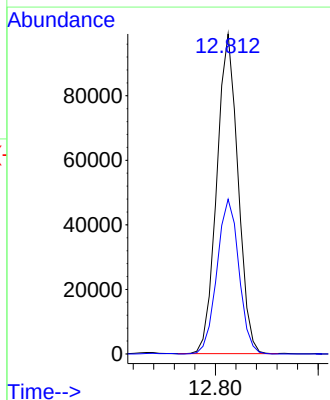
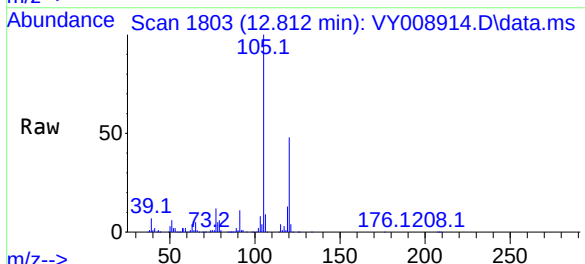
Manual Integrations
APPROVED

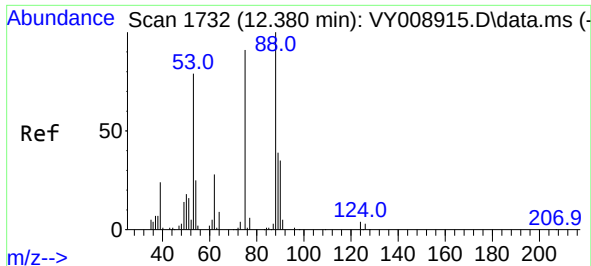
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.963 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion:105 Resp: 141661
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4





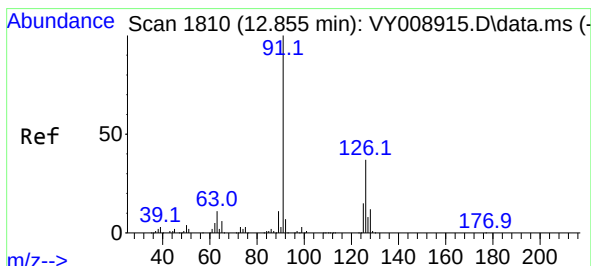
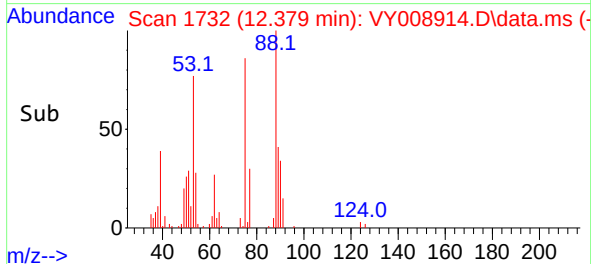
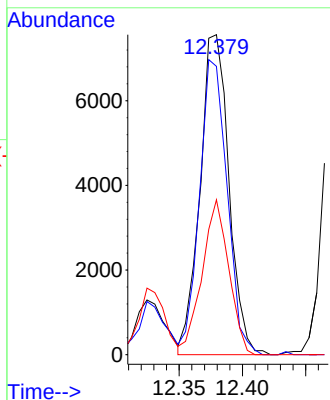
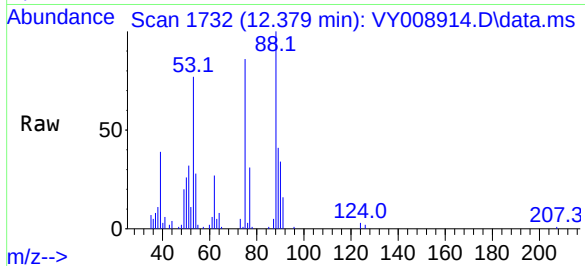
#81
trans-1,4-Dichloro-2-butene
Concen: 19.194 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 1201
Ion Ratio Lower Upper
75 100
53 88.2 85.3 127.9
89 44.8 37.0 55.4

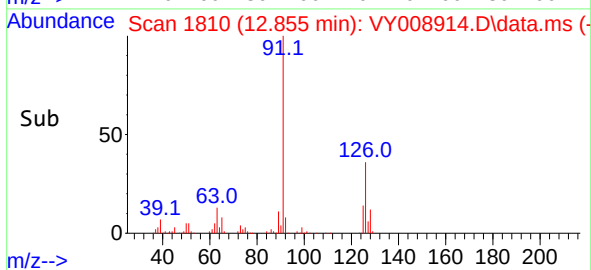
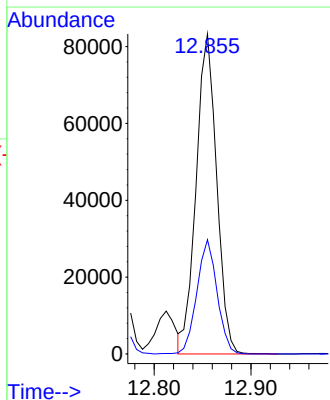
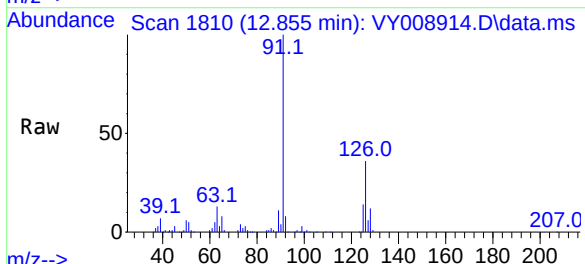
Manual Integrations
APPROVED

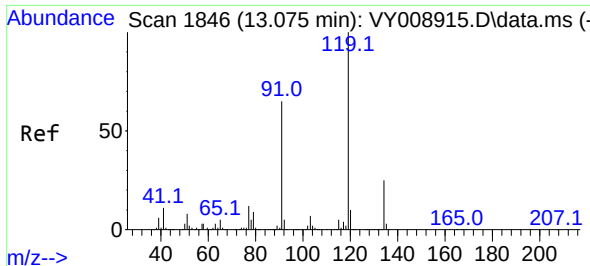
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#82
4-Chlorotoluene
Concen: 20.927 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

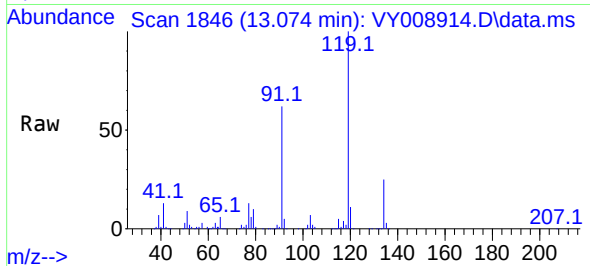
Tgt Ion: 91 Resp: 122923
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0





#83
tert-Butylbenzene
Concen: 21.107 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

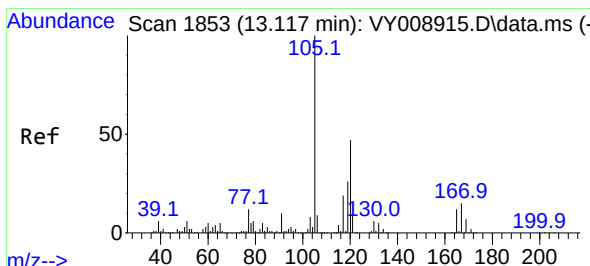
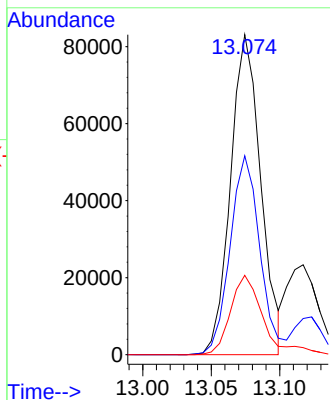
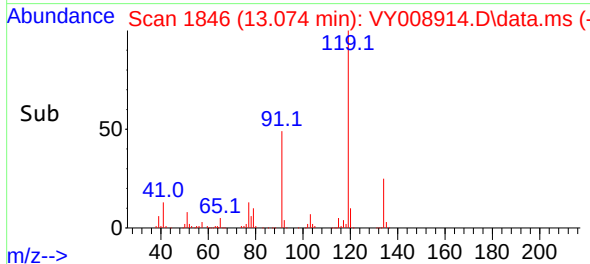
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:119 Resp: 127795
Ion Ratio Lower Upper
119 100
91 61.6 34.8 104.4
134 26.7 13.3 39.9

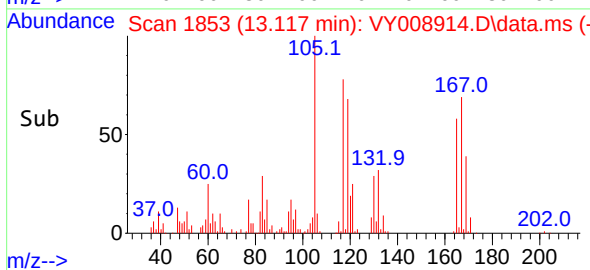
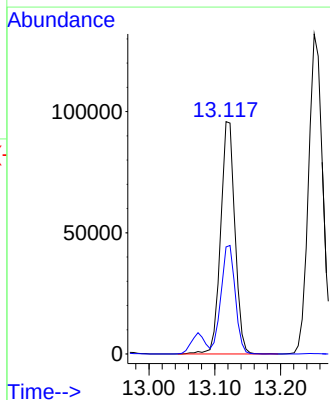
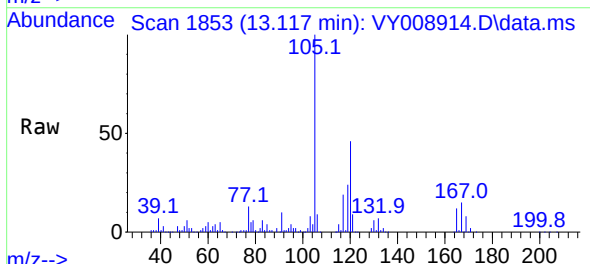
Manual Integrations
APPROVED

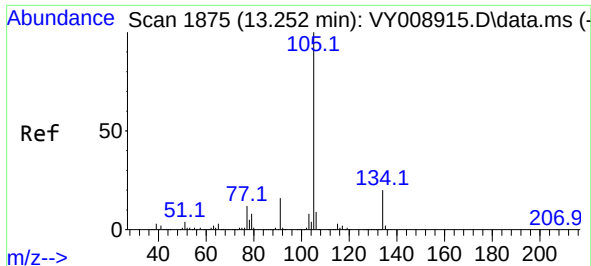
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.614 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

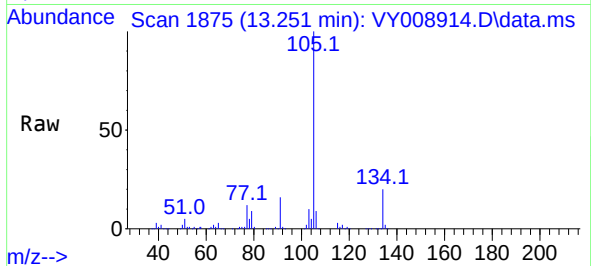
Tgt Ion:105 Resp: 144843
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.805 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY008914.D
 Acq: 20 May 2022 19:24

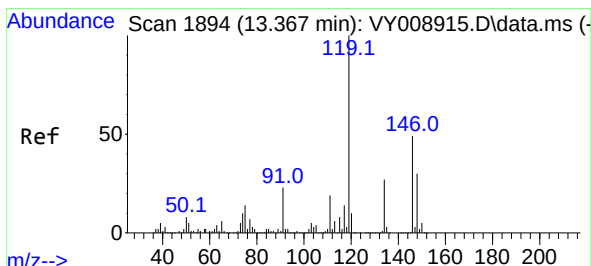
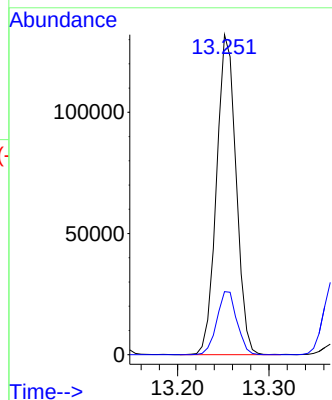
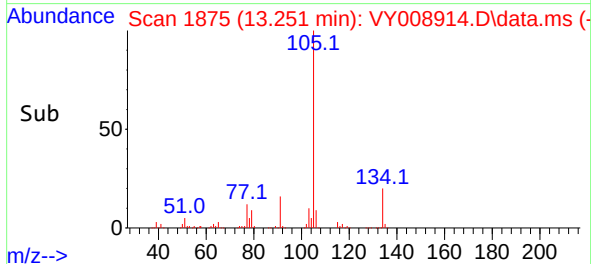
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



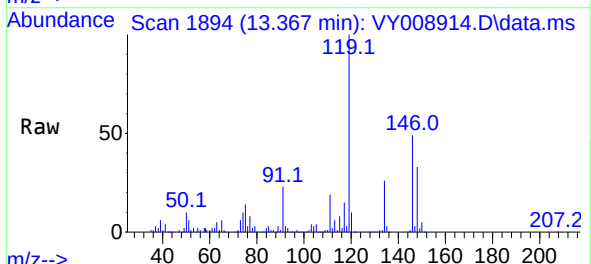
Tgt Ion:105 Resp: 19631
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
 APPROVED

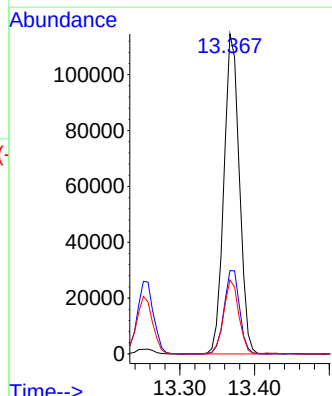
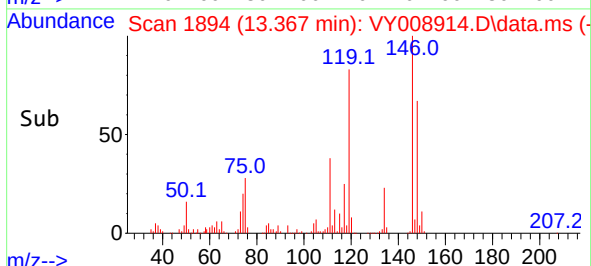
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

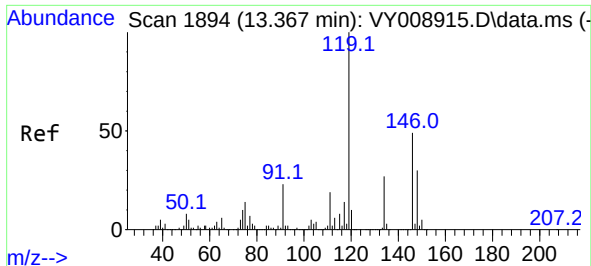


#86
 p-Isopropyltoluene
 Concen: 21.344 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY008914.D
 Acq: 20 May 2022 19:24



Tgt Ion:119 Resp: 164557
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.8 12.4 37.2





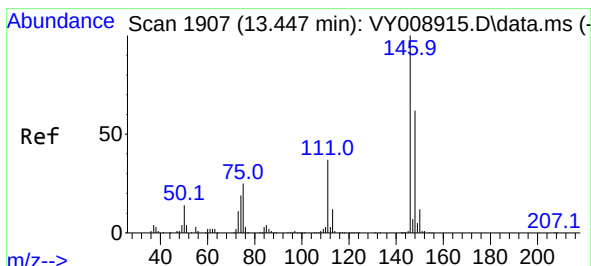
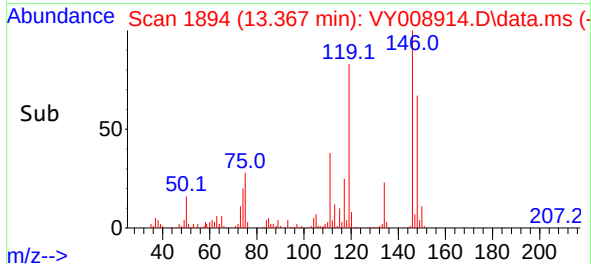
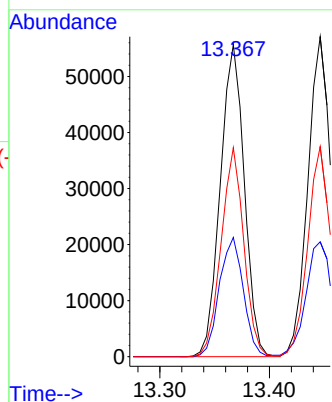
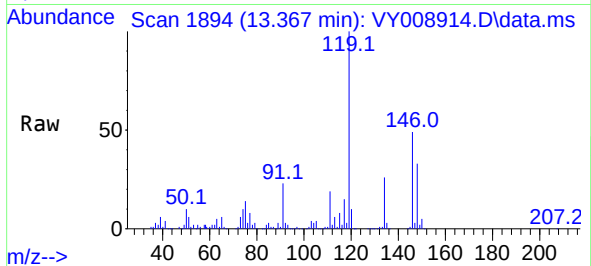
#87
1,3-Dichlorobenzene
Concen: 20.886 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 8481
Ion Ratio Lower Upper
146 100
111 38.2 19.5 58.5
148 63.4 31.6 95.0

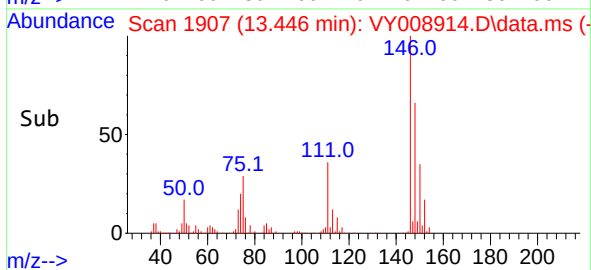
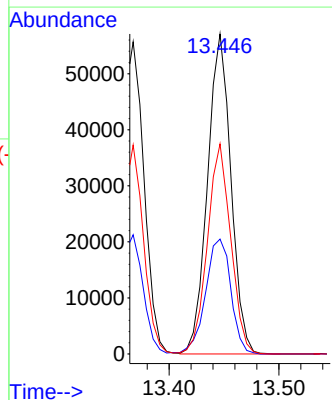
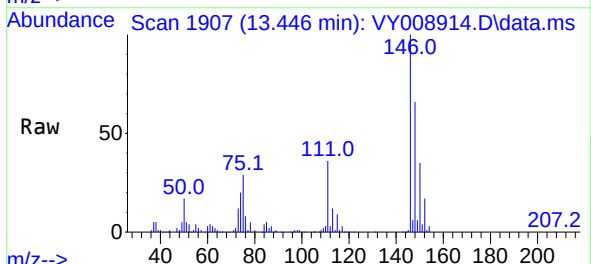
Manual Integrations
APPROVED

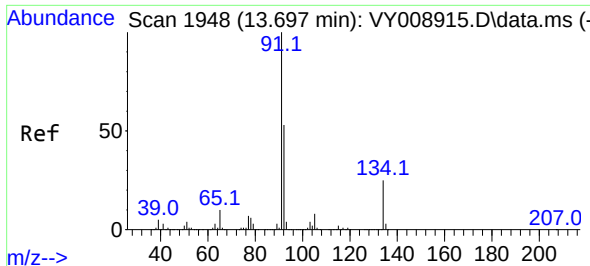
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#88
1,4-Dichlorobenzene
Concen: 21.135 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion:146 Resp: 84822
Ion Ratio Lower Upper
146 100
111 38.8 19.3 57.8
148 65.4 32.6 97.8





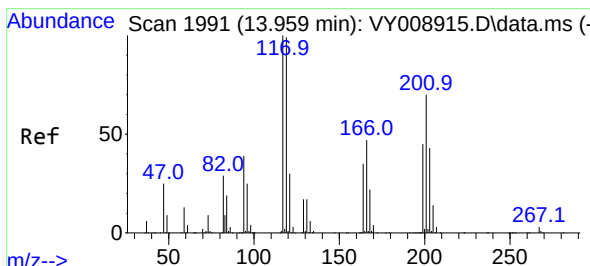
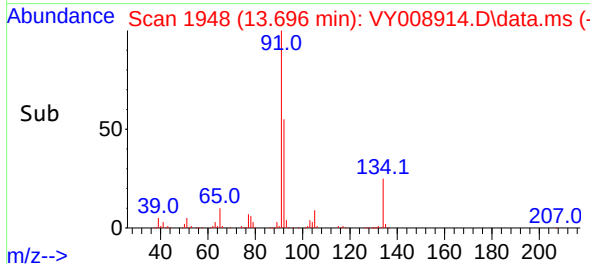
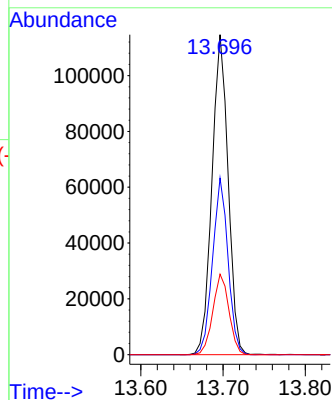
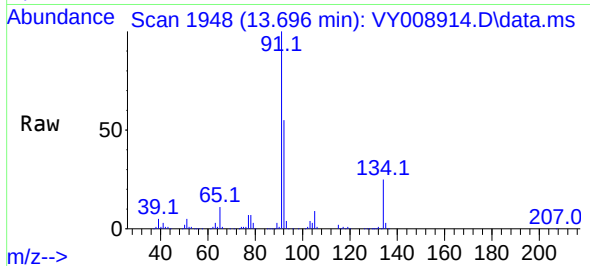
#89
n-Butylbenzene
Concen: 21.535 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 156410
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 25.1 13.0 38.9

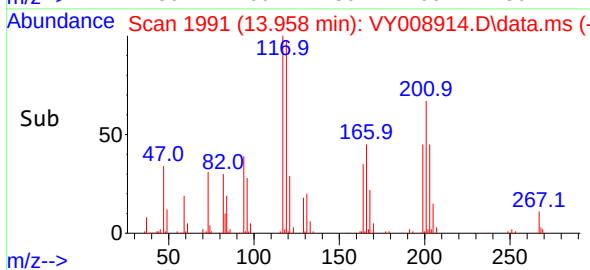
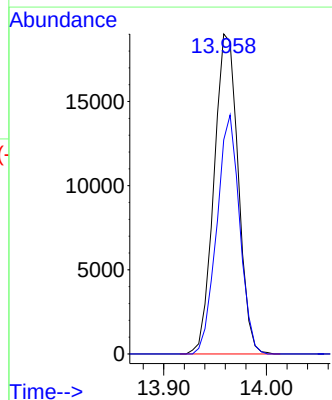
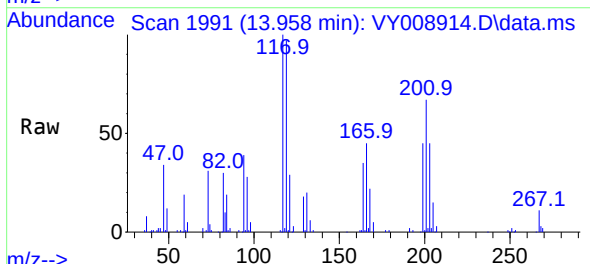
Manual Integrations
APPROVED

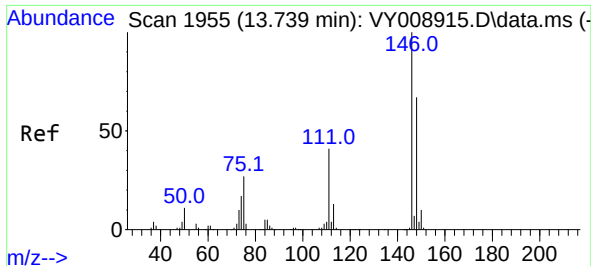
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 21.297 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion:117 Resp: 30983
Ion Ratio Lower Upper
117 100
201 70.8 43.0 128.8





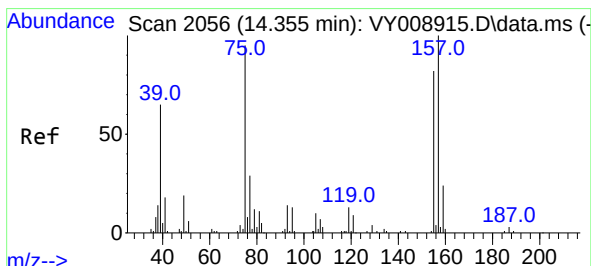
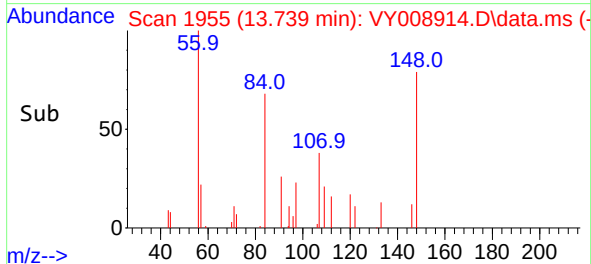
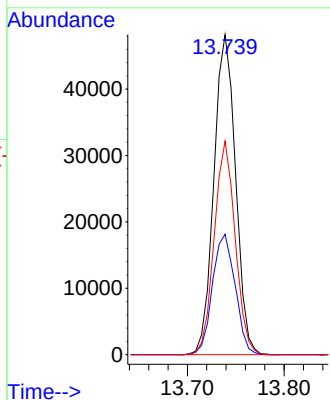
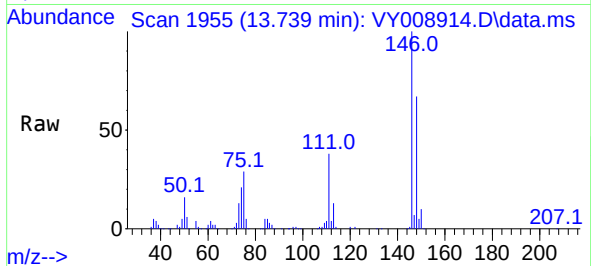
#91
1,2-Dichlorobenzene
Concen: 21.162 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 74932
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 64.7 32.3 96.9

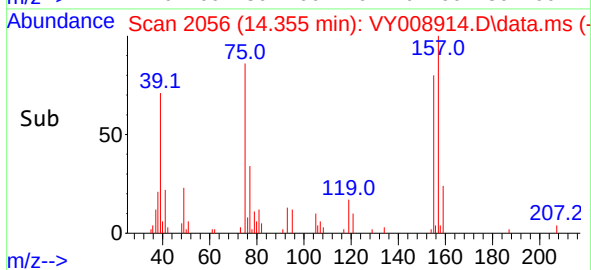
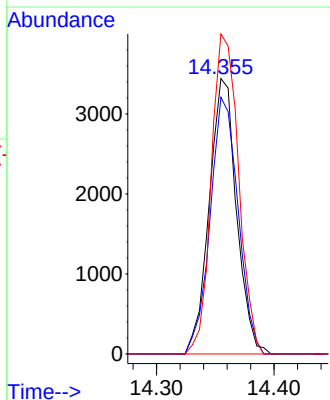
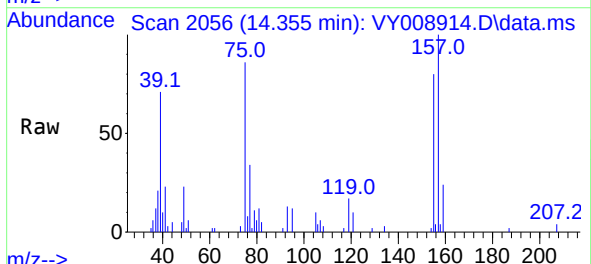
Manual Integrations
APPROVED

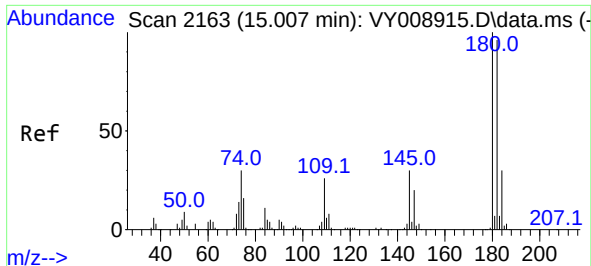
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.047 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Tgt Ion: 75 Resp: 5555
Ion Ratio Lower Upper
75 100
155 95.4 38.0 113.9
157 115.7 47.8 143.3





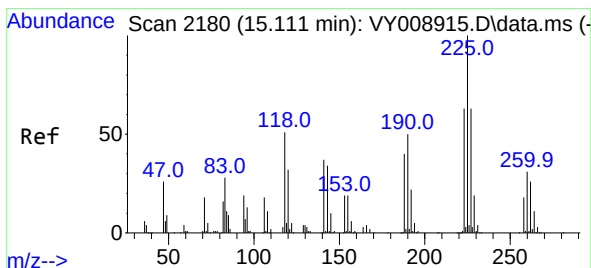
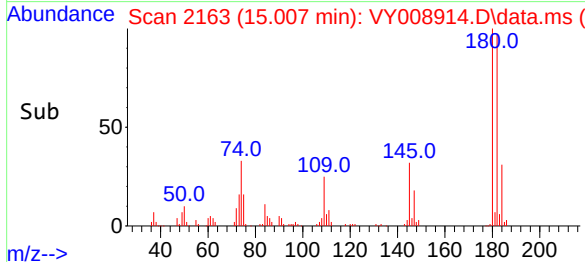
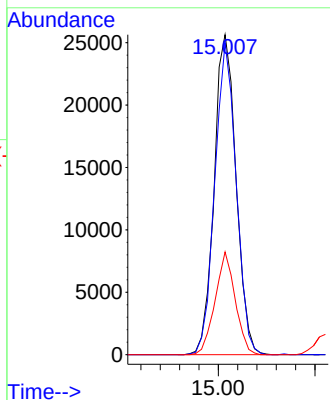
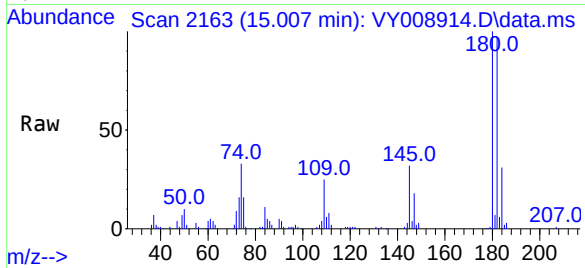
#93
1,2,4-Trichlorobenzene
Concen: 20.809 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:180 Resp: 4020
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 29.5 14.6 43.8

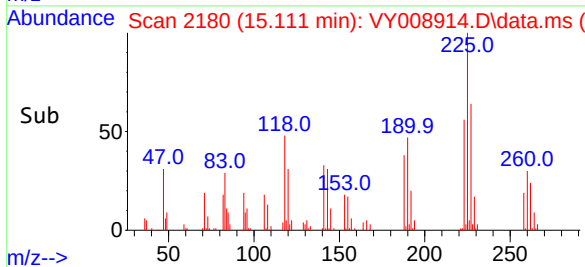
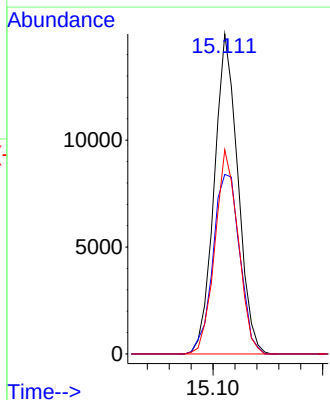
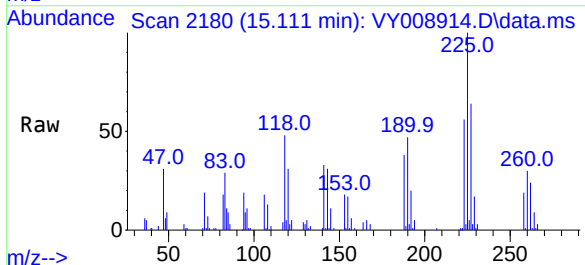
Manual Integrations
APPROVED

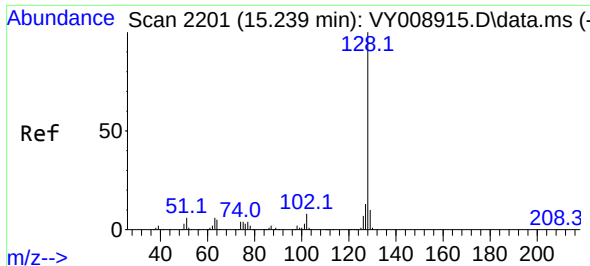
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#94
Hexachlorobutadiene
Concen: 20.281 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

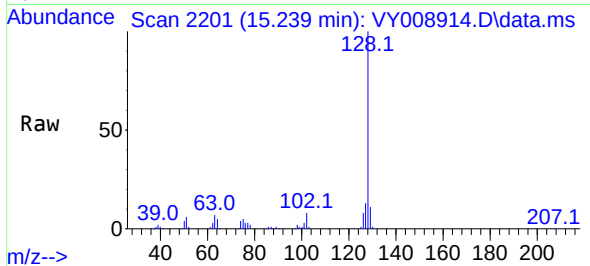
Tgt Ion:225 Resp: 22392
Ion Ratio Lower Upper
225 100
223 63.9 30.8 92.3
227 63.0 31.6 94.7





#95
Naphthalene
Concen: 18.903 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24

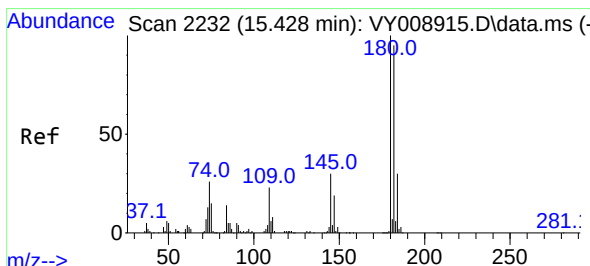
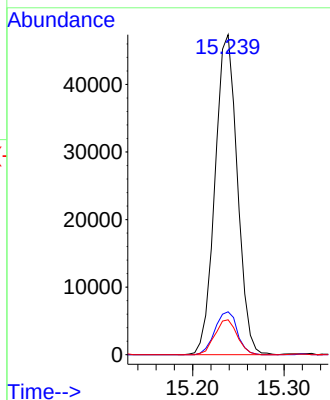
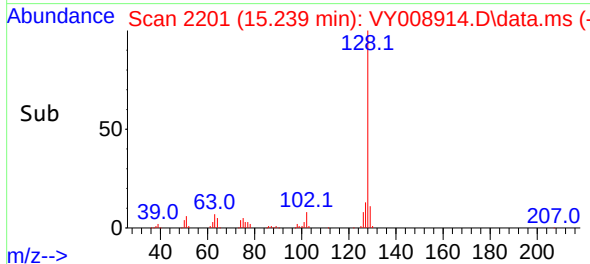
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



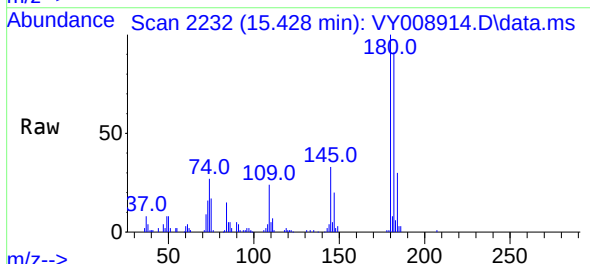
Tgt Ion:128 Resp: 80329
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.955 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY008914.D
Acq: 20 May 2022 19:24



Tgt Ion:180 Resp: 35461
Ion Ratio Lower Upper
180 100
182 92.5 47.3 141.9
145 30.7 15.3 45.9

