

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008915.D
 Acq On : 20 May 2022 19:47
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: May 20 23:01:07 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	152064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61058	44.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.880%		
35) Dibromofluoromethane	7.716	113	66206	45.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.940%		
50) Toluene-d8	10.179	98	224222	41.545	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	83.100%		
62) 4-Bromofluorobenzene	12.483	95	124348	60.588	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	121.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	73131	59.404	ug/l	97
3) Chloromethane	2.113	50	104819	55.913	ug/l	96
4) Vinyl Chloride	2.247	62	153855	57.817	ug/l	96
5) Bromomethane	2.644	94	125219	60.623	ug/l	98
6) Chloroethane	2.790	64	103856	53.703	ug/l	99
7) Trichlorofluoromethane	3.119	101	127532	52.095	ug/l	97
8) Diethyl Ether	3.528	74	38875	55.497	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	79644	54.162	ug/l	93
10) Methyl Iodide	4.089	142	93542	57.076	ug/l	92
11) Tert butyl alcohol	4.948	59	38581	245.080	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	72839	54.321	ug/l	88
13) Acrolein	3.723	56	7014	95.381	ug/l	95
14) Allyl chloride	4.473	41	112255	56.513	ug/l #	89
15) Acrylonitrile	5.155	53	109883	239.861	ug/l	99
16) Acetone	3.948	43	80083	220.663	ug/l	93
17) Carbon Disulfide	4.186	76	243357	59.743	ug/l	99
18) Methyl Acetate	4.473	43	51422	44.387	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	219751	60.034	ug/l	97
20) Methylene Chloride	4.710	84	94148	49.228	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	91558	55.559	ug/l	88
22) Diisopropyl ether	6.119	45	266726	62.474	ug/l #	93
23) Vinyl Acetate	6.058	43	912150	306.621	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	157615	56.644	ug/l	98
25) 2-Butanone	6.984	43	150774	252.283	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	144354	55.021	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	106955	58.137	ug/l	86
28) Bromochloromethane	7.332	49	51976	51.002	ug/l	87
29) Tetrahydrofuran	7.344	42	103561	259.188	ug/l #	83
30) Chloroform	7.503	83	169999	57.101	ug/l	98
31) Cyclohexane	7.783	56	153267	58.224	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	157733	57.156	ug/l	97
36) 1,1-Dichloropropene	7.911	75	138335	56.314	ug/l	98
37) Ethyl Acetate	7.076	43	70793	49.584	ug/l	96
38) Carbon Tetrachloride	7.899	117	144691	55.198	ug/l	98
39) Methylcyclohexane	9.179	83	185277	62.308	ug/l	89
40) Benzene	8.161	78	402555	58.378	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri May 20 22:58:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	38325m	50.963	ug/l	
42) 1,2-Dichloroethane	8.234	62	117230	57.901	ug/l	94
43) Isopropyl Acetate	8.271	43	136678	56.522	ug/l #	92
44) Trichloroethene	8.935	130	105614	56.627	ug/l	96
45) 1,2-Dichloropropane	9.216	63	98240	59.741	ug/l	99
46) Dibromomethane	9.301	93	61545	57.177	ug/l	95
47) Bromodichloromethane	9.496	83	140089	58.639	ug/l	98
48) Methyl methacrylate	9.289	41	63293	59.120	ug/l #	87
49) 1,4-Dioxane	9.289	88	16401	1046.847	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	390176	276.112	ug/l	91
52) Toluene	10.240	92	293807	62.263	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	155412	62.249	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	161426	60.054	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	87805	59.991	ug/l	97
56) Ethyl methacrylate	10.508	69	117300	65.146	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	143785	59.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	246522	279.134	ug/l	95
59) 2-Hexanone	10.831	43	275096	275.004	ug/l	88
60) Dibromochloromethane	10.984	129	107520	60.796	ug/l	100
61) 1,2-Dibromoethane	11.087	107	87960	60.154	ug/l	100
64) Tetrachloroethene	10.721	164	97145	56.080	ug/l	97
65) Chlorobenzene	11.514	112	309620	56.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	116207	58.058	ug/l	97
67) Ethyl Benzene	11.593	91	585185	59.702	ug/l	96
68) m/p-Xylenes	11.703	106	495685	126.174	ug/l	91
69) o-Xylene	12.032	106	228337	62.961	ug/l	93
70) Styrene	12.044	104	408956	66.085	ug/l	93
71) Bromoform	12.209	173	80252	59.093	ug/l #	96
73) Isopropylbenzene	12.331	105	626641	53.028	ug/l	99
74) N-amyl acetate	12.142	43	146917	52.401	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	123875	47.789	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	92388m	47.217	ug/l	
77) Bromobenzene	12.605	156	140952	51.504	ug/l	95
78) n-propylbenzene	12.666	91	491766	36.305	ug/l	97
79) 2-Chlorotoluene	12.758	91	426884	54.242	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	553811	57.707	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43204	48.616	ug/l	86
82) 4-Chlorotoluene	12.855	91	476972	57.177	ug/l	97
83) tert-Butylbenzene	13.075	119	485977	56.520	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	557534	58.583	ug/l	97
85) sec-Butylbenzene	13.252	105	760431	56.747	ug/l	100
86) p-Isopropyltoluene	13.367	119	642366	58.668	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	322724	55.962	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	322081	56.509	ug/l	98
89) n-Butylbenzene	13.697	91	573352	55.584	ug/l	100
90) Hexachloroethane	13.959	117	113213	54.797	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	279782	55.638	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19918	45.566	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	145948	53.194	ug/l	100
94) Hexachlorobutadiene	15.111	225	78547	50.094	ug/l	99
95) Naphthalene	15.239	128	302097	50.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	125642	52.280	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri May 20 22:58:02 2022
Response via : Initial Calibration

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

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

Abundance

TIC: VY008915.D\data.ms

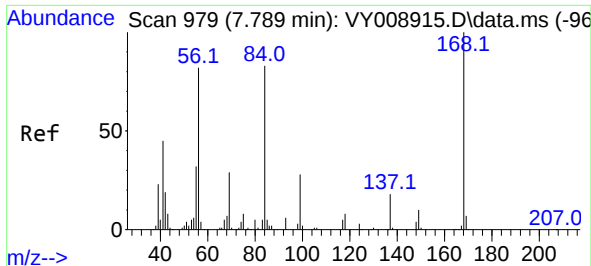
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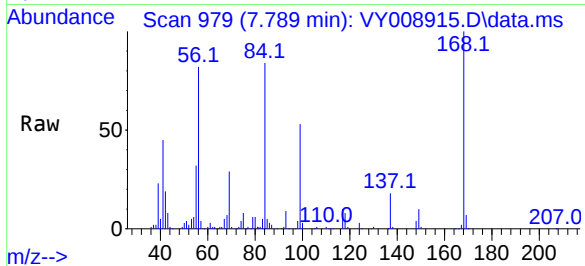
Chemical compounds identified (from top to bottom of the list):

- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- 1,1-Dichloroethane, T
- Acetone, T
- Methyl Chloride, T
- Methyl Sulfide, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- Methyl 1,2-Dichloroethane, T
- 1,1-Dichloroethane, T
- Diisopropyl ether, T
- 1,1-Dichloroethane, T
- Acetate, T
- Ethyl Acetate, T
- 2,2-Dichloropropane, T
- Methacrylonitrile, T
- Chloroform, C
- Dichloromethane, T
- 1,2-Dichloroethane, T
- Isopropyl acetate, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- Methylcyclohexane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- 4-Methyl-2-Pentanone, T
- Toluene, CM
- 2-Chloroethyl Vinyl ether, T
- Ethylmethylcarbamate, T
- 1,2-Dichloroethane, T
- 1,3-Dichloropropane, T
- 1,2-Dibromoethane, T
- 1,2-Dichloroethane, T
- Chlorobenzene, PM
- 1,1,1-Trichloroethane, T
- m/p-Xylenes, T
- Styrene, T
- o-Xylene, T
- Isopropylbenzene, T
- n-Propylbenzene, T
- 1,2,3-Trimethylbenzene, T
- 1,3,5-Trimethylbenzene, T
- sec-Butylbenzene, T
- tert-Butylbenzene, T
- 1,4-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobutadiene, T
- Naphthalene, I
- 1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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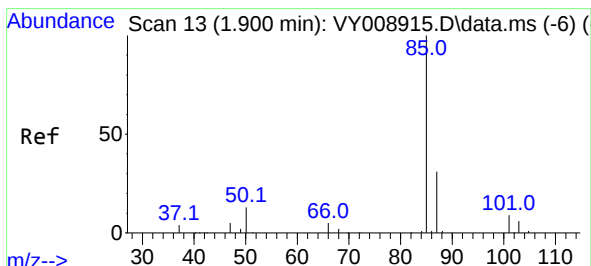
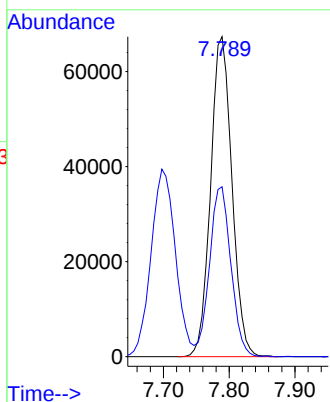
Instrument :
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Tgt Ion:168 Resp: 152064
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3

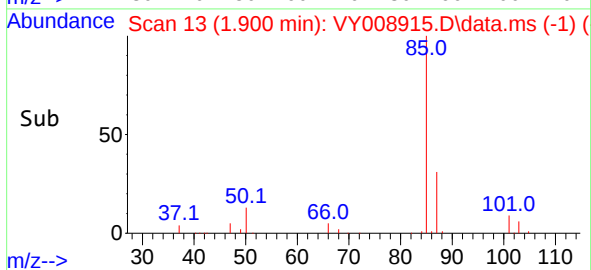
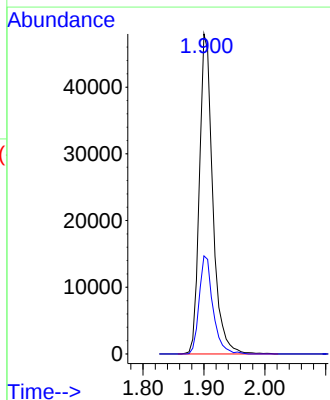
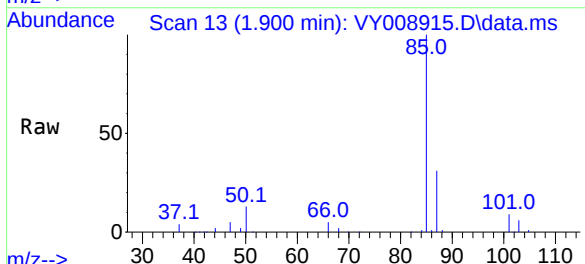
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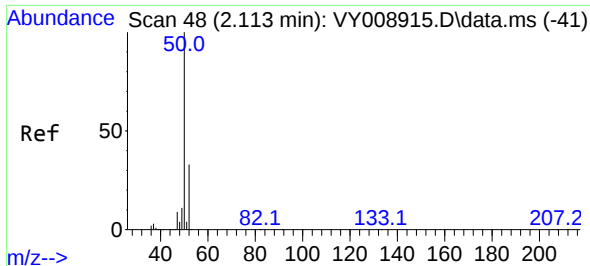
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#2
Dichlorodifluoromethane
Concen: 59.404 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

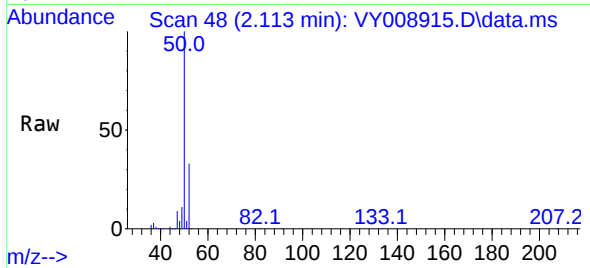
Tgt Ion: 85 Resp: 73131
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2





#3
Chloromethane
Concen: 55.913 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

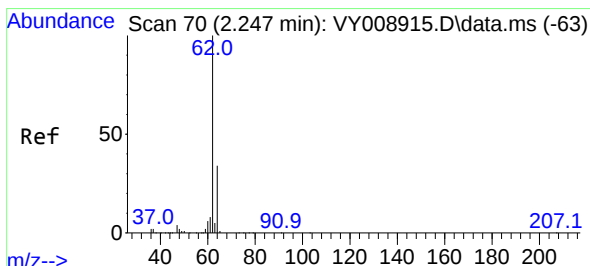
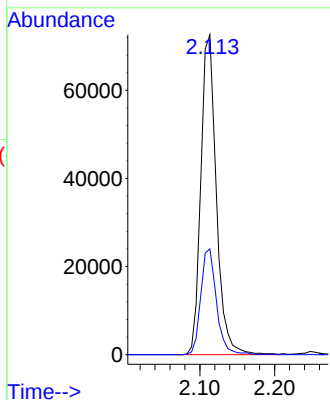
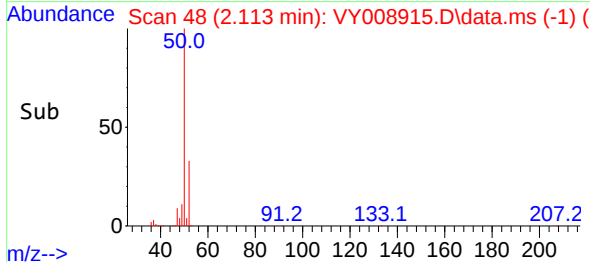
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 50 Resp: 104819
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0

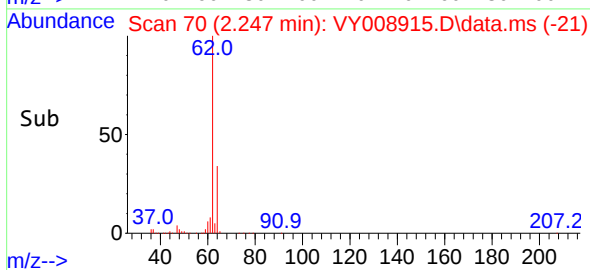
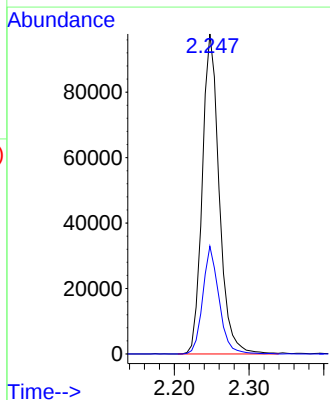
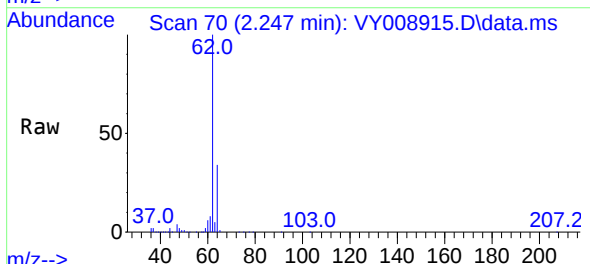
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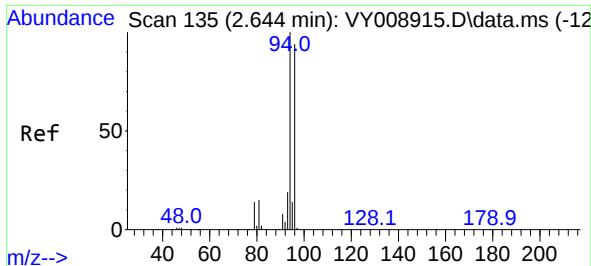
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#4
Vinyl Chloride
Concen: 57.817 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

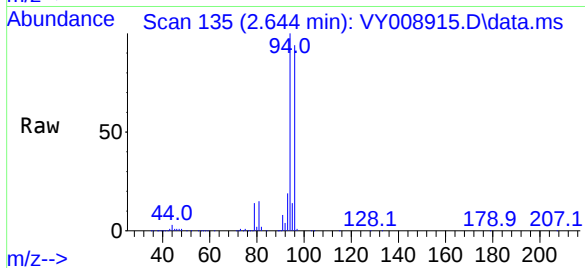
Tgt Ion: 62 Resp: 153855
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.6





#5
Bromomethane
Concen: 60.623 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

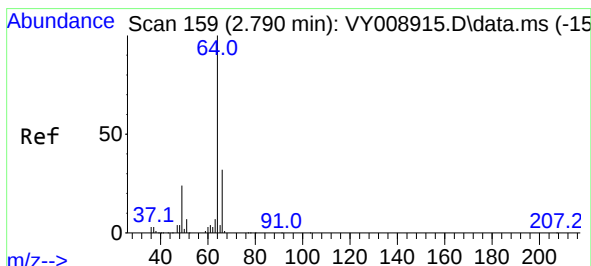
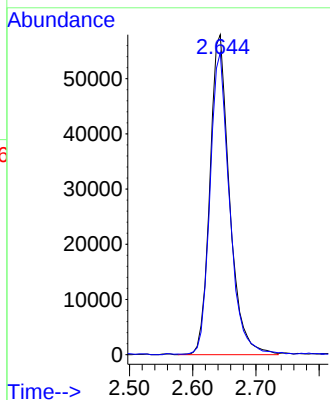
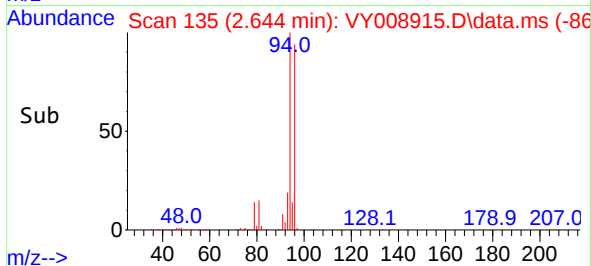
Instrument :
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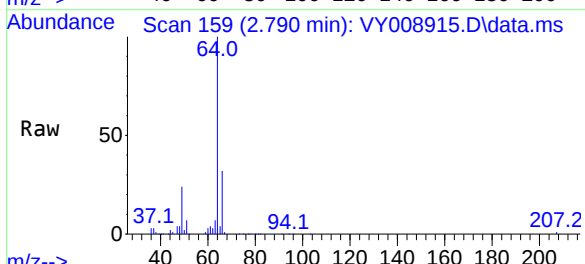
Tgt Ion: 94 Resp: 125219
Ion Ratio Lower Upper
94 100
96 94.2 73.5 110.3

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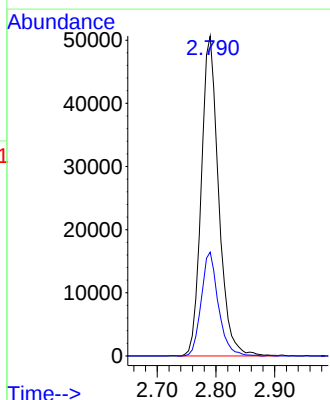
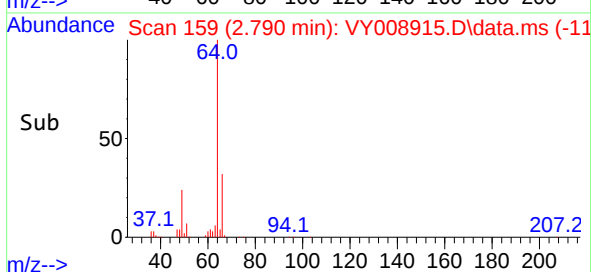
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

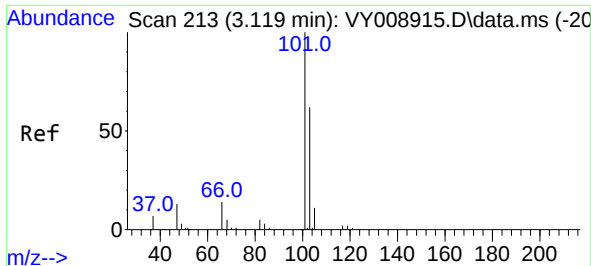


#6
Chloroethane
Concen: 53.703 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



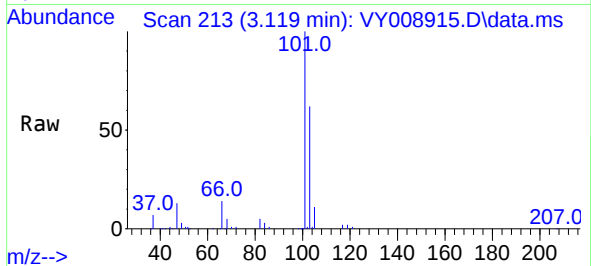
Tgt Ion: 64 Resp: 103856
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0





#7
Trichlorofluoromethane
Concen: 52.095 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY008915.D
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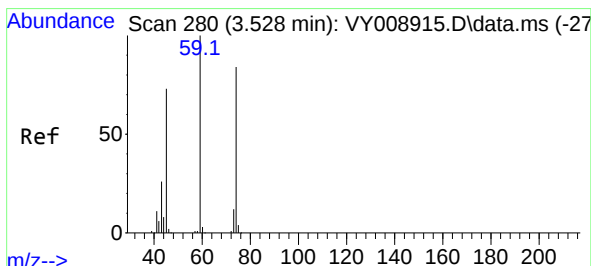
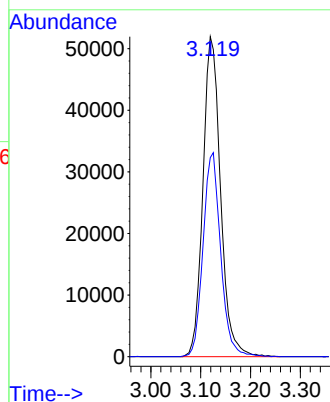
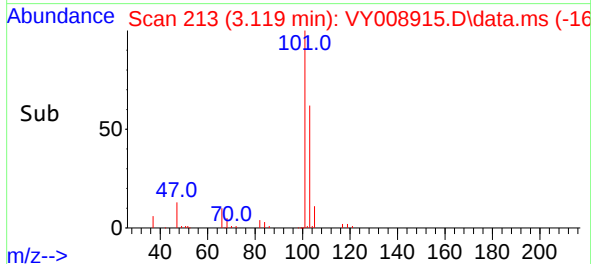
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



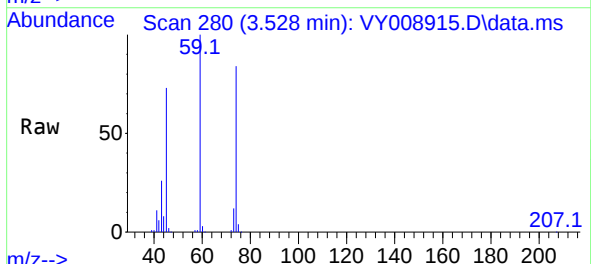
Tgt Ion:101 Resp: 127532
Ion Ratio Lower Upper
101 100
103 62.2 48.0 72.0

Manual Integrations
APPROVED

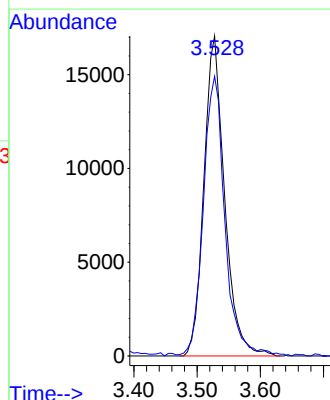
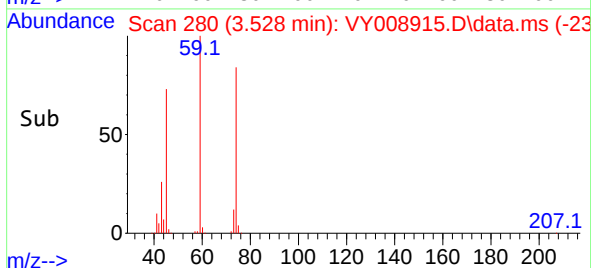
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

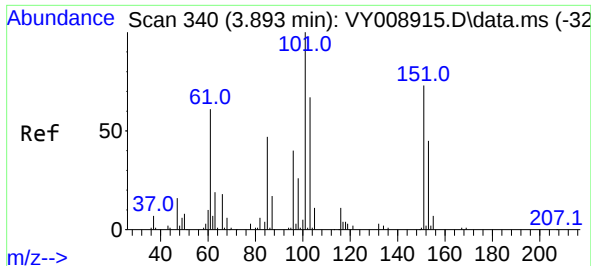


#8
Diethyl Ether
Concen: 55.497 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



Tgt Ion: 74 Resp: 38875
Ion Ratio Lower Upper
74 100
45 91.1 55.1 165.5





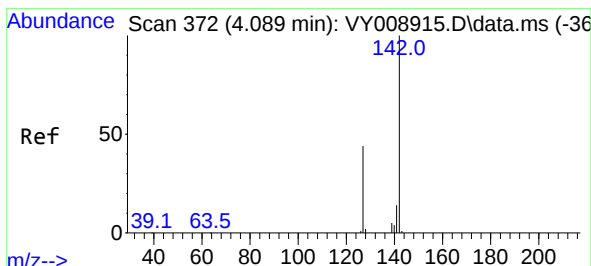
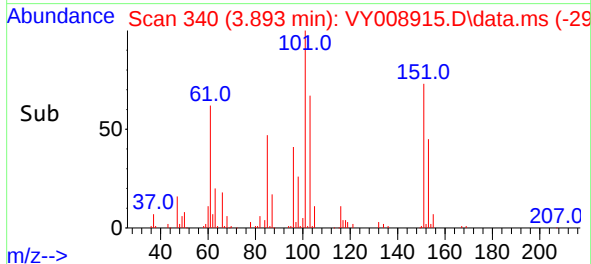
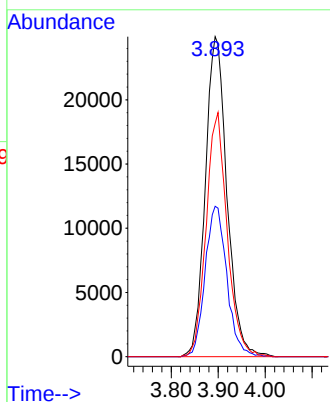
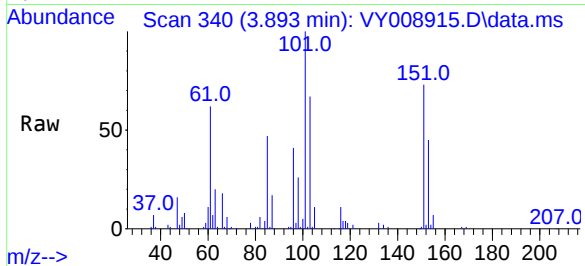
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.162 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 79644
Ion Ratio Lower Upper
101 100
85 47.3 40.6 60.8
151 74.3 64.9 97.3

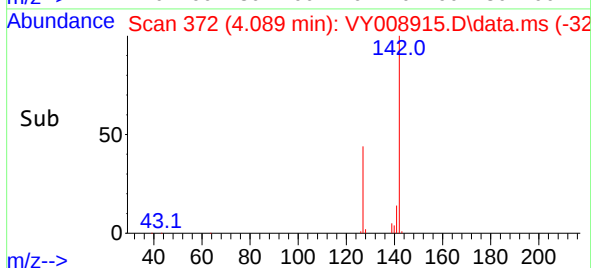
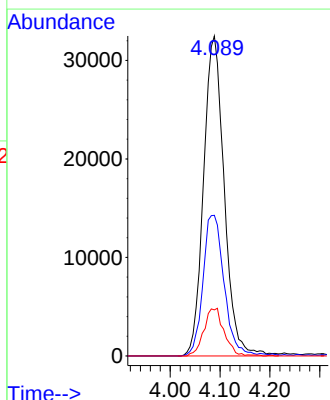
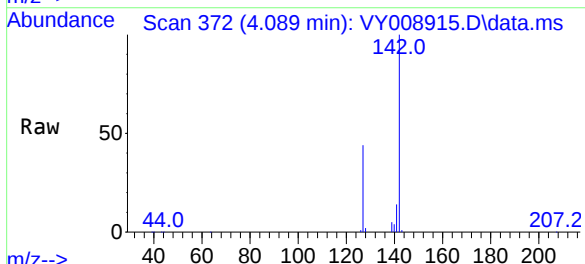
Manual Integrations
APPROVED

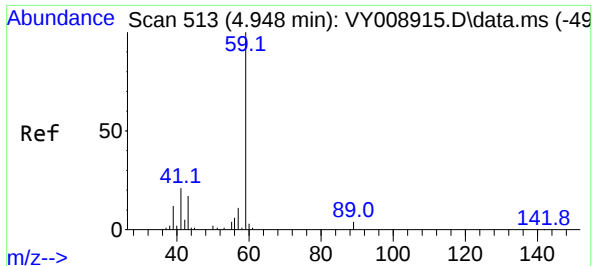
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 57.076 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

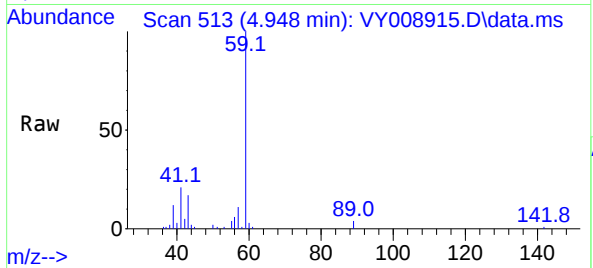
Tgt Ion:142 Resp: 93542
Ion Ratio Lower Upper
142 100
127 44.8 41.5 62.3
141 14.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 245.080 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

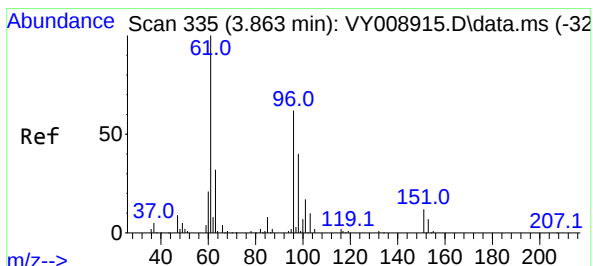
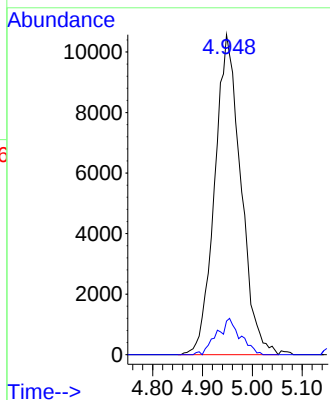
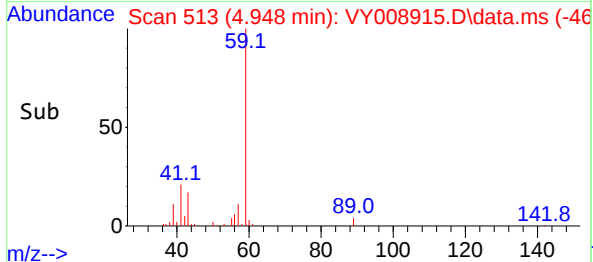
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



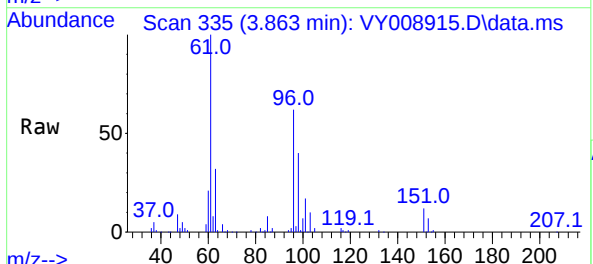
Tgt Ion: 59 Resp: 3858
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6

Manual Integrations
APPROVED

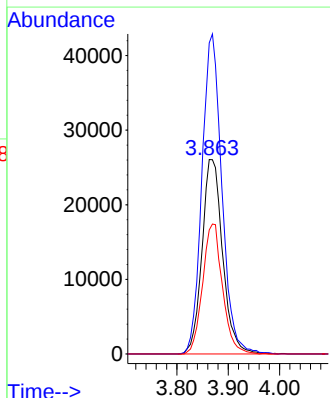
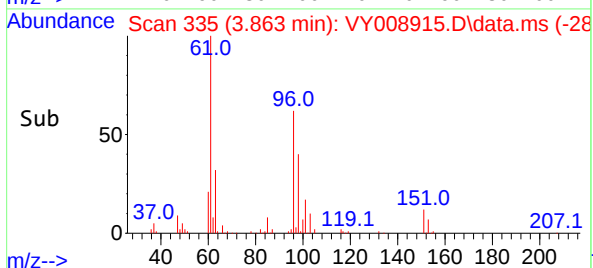
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

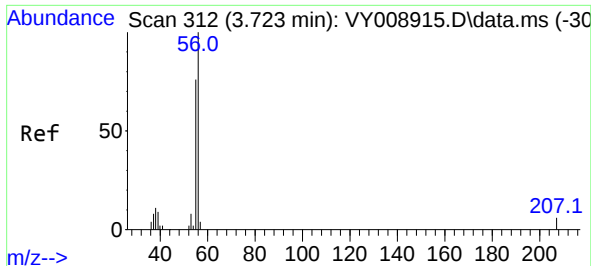


#12
1,1-Dichloroethene
Concen: 54.321 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



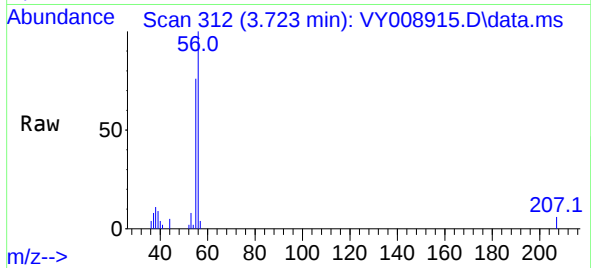
Tgt Ion: 96 Resp: 72839
Ion Ratio Lower Upper
96 100
61 160.1 145.8 218.6
98 63.8 52.5 78.7





#13
Acrolein
Concen: 95.381 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

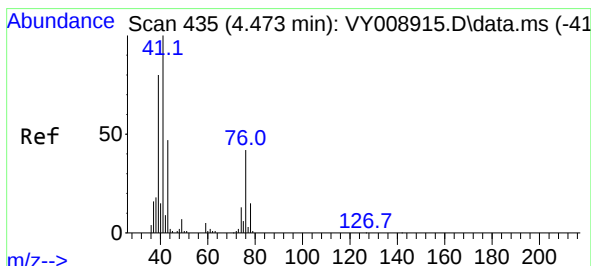
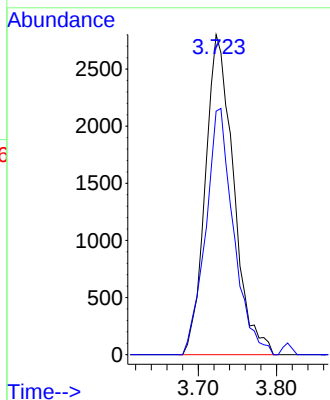
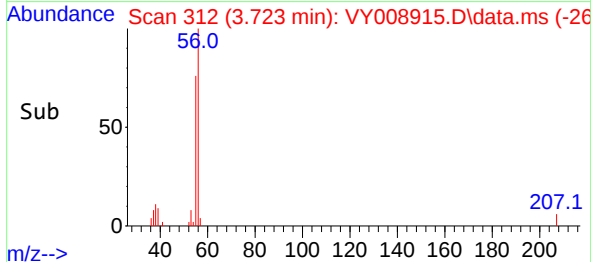
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 7014
Ion Ratio Lower Upper
56 100
55 76.1 57.6 86.4

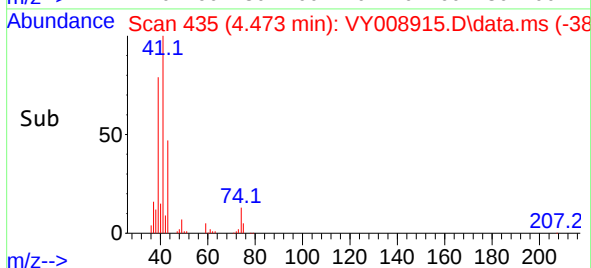
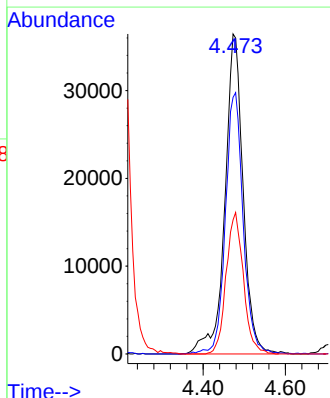
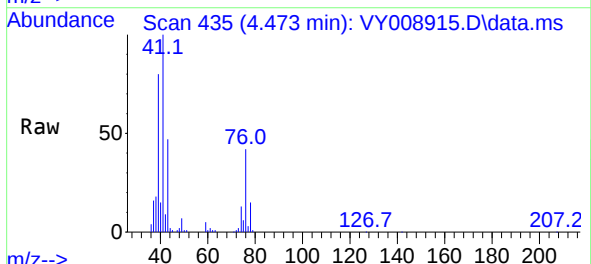
Manual Integrations
APPROVED

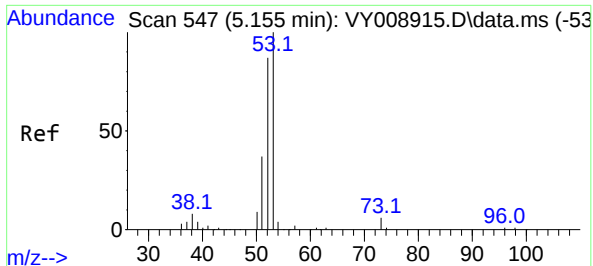
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#14
Allyl chloride
Concen: 56.513 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

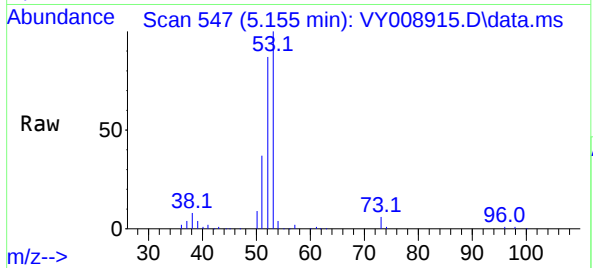
Tgt Ion: 41 Resp: 112255
Ion Ratio Lower Upper
41 100
39 79.8 58.8 88.2
76 41.9 25.1 37.7#





#15
Acrylonitrile
Concen: 239.861 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

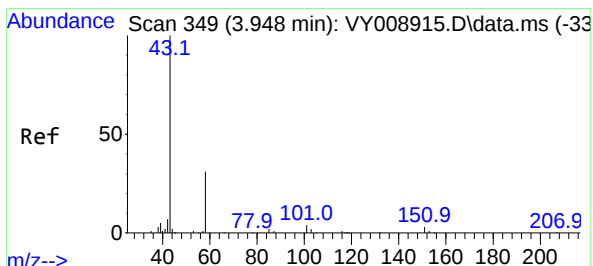
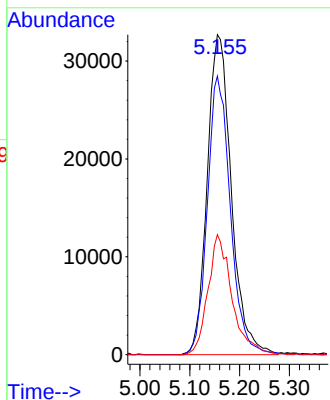
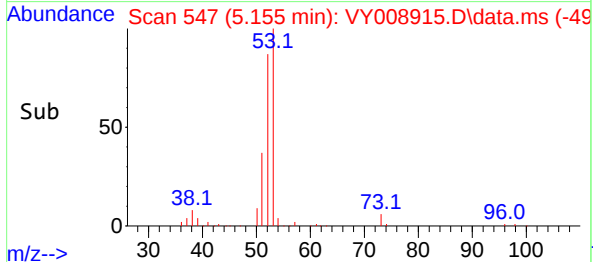
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



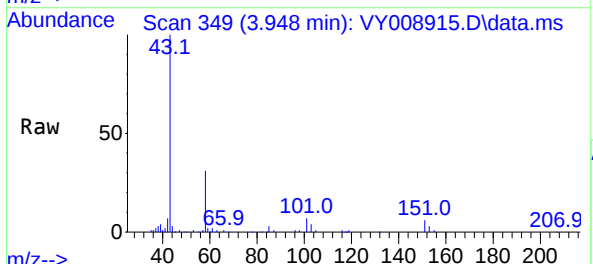
Tgt Ion: 53 Resp: 109883
Ion Ratio Lower Upper
53 100
52 83.1 67.0 100.4
51 37.4 29.8 44.6

Manual Integrations
APPROVED

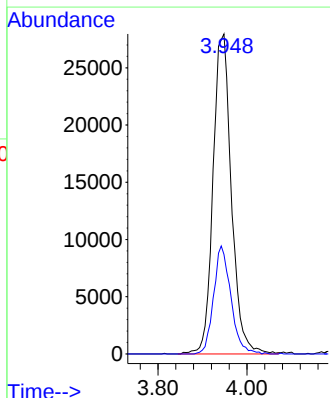
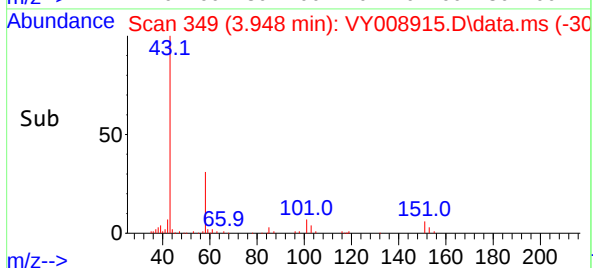
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

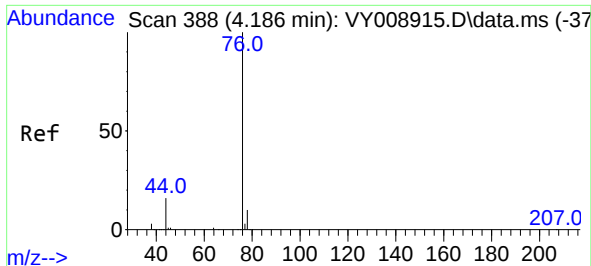


#16
Acetone
Concen: 220.663 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



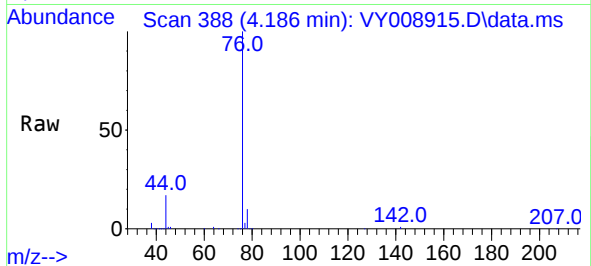
Tgt Ion: 43 Resp: 80083
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0





#17
Carbon Disulfide
Concen: 59.743 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

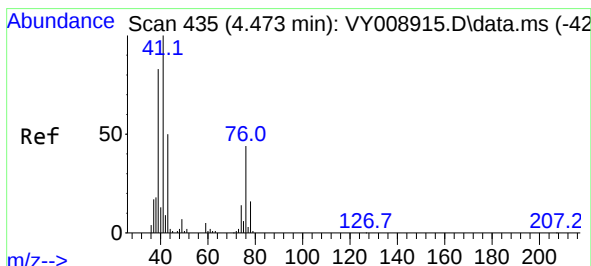
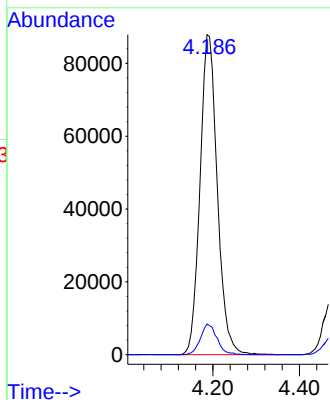
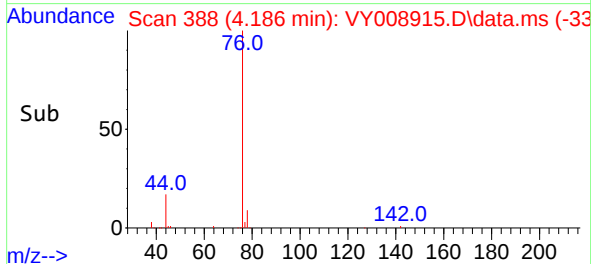
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



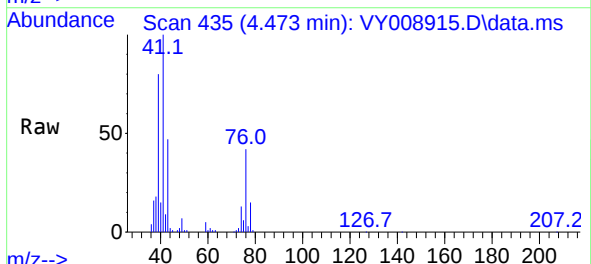
Tgt Ion: 76 Resp: 24335
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
APPROVED

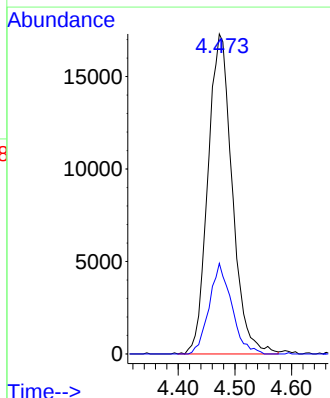
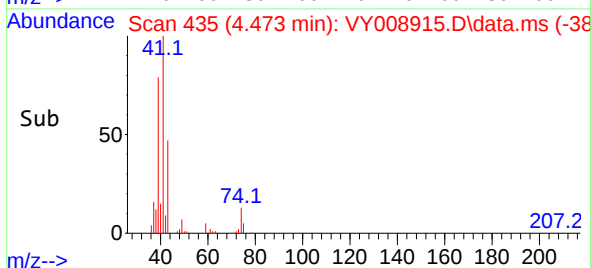
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

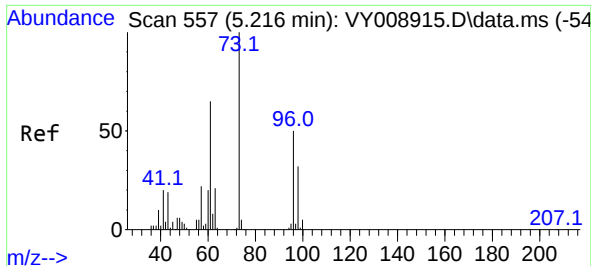


#18
Methyl Acetate
Concen: 44.387 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



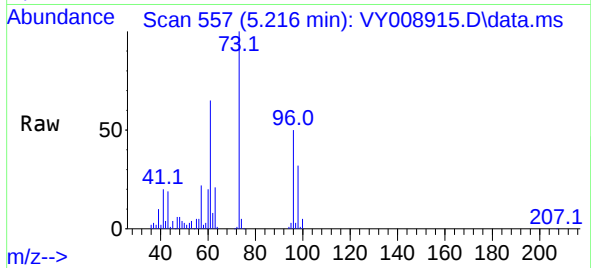
Tgt Ion: 43 Resp: 51422
Ion Ratio Lower Upper
43 100
74 26.2 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 60.034 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

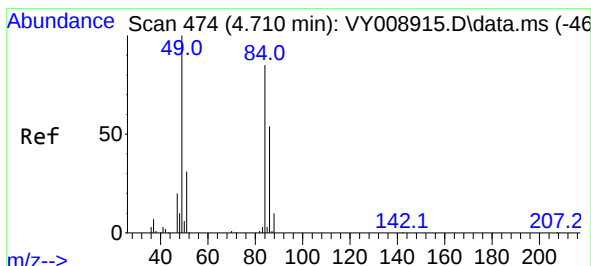
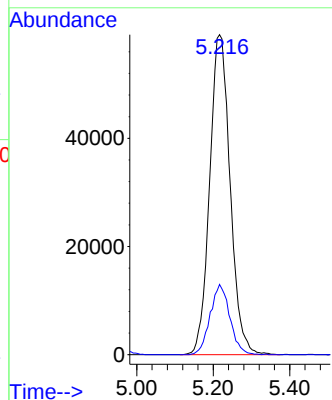
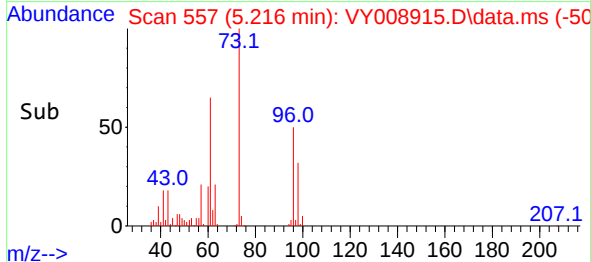
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



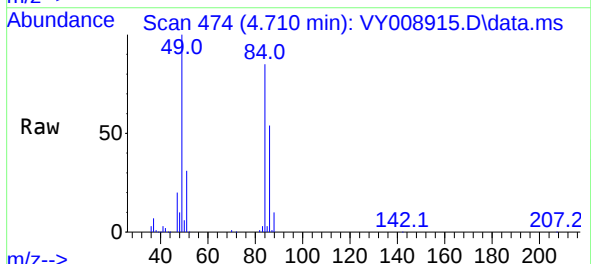
Tgt Ion: 73 Resp: 21975
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8

Manual Integrations
APPROVED

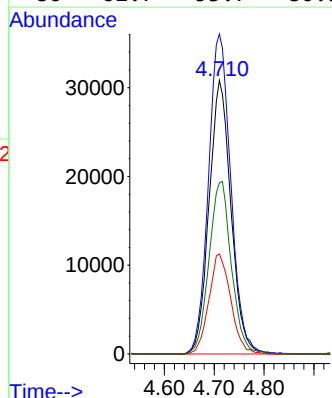
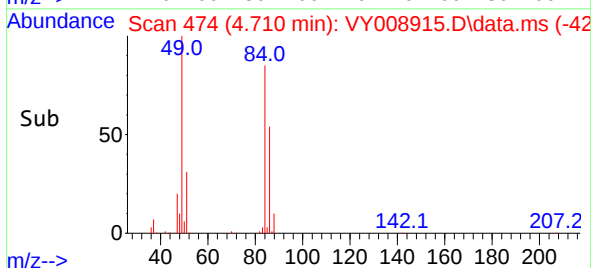
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

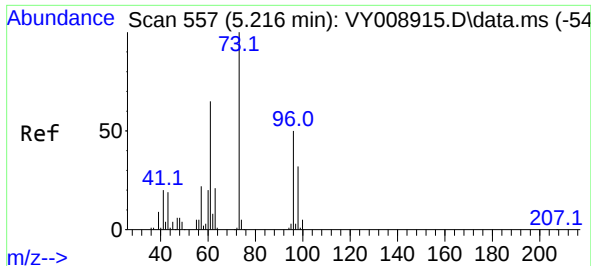


#20
Methylene Chloride
Concen: 49.228 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



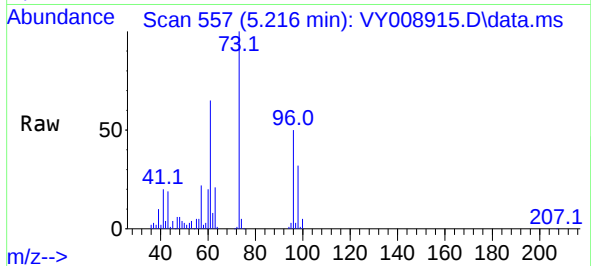
Tgt Ion: 84 Resp: 94148
Ion Ratio Lower Upper
84 100
49 117.0 114.4 171.6
51 36.5 35.3 52.9
86 62.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 55.559 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

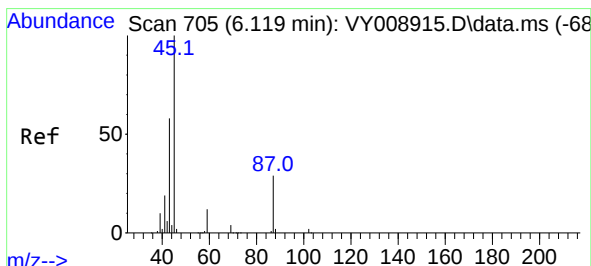
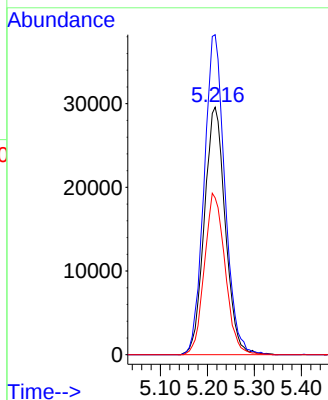
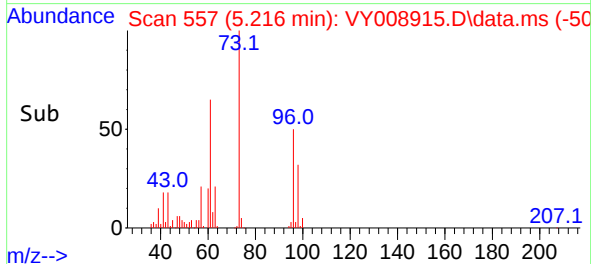
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 91558
Ion Ratio Lower Upper
96 100
61 129.3 120.5 180.7
98 63.3 49.8 74.8

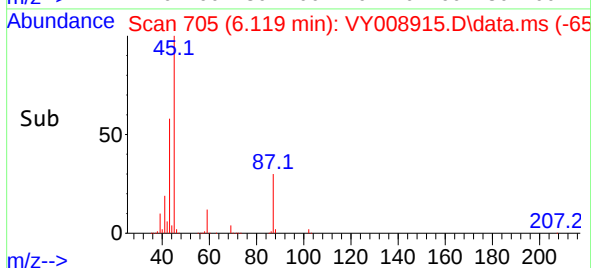
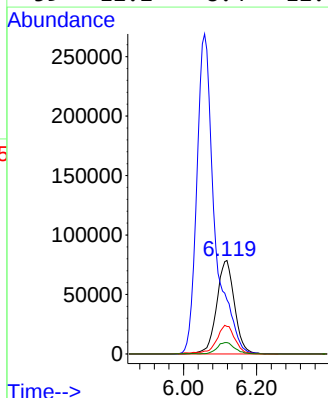
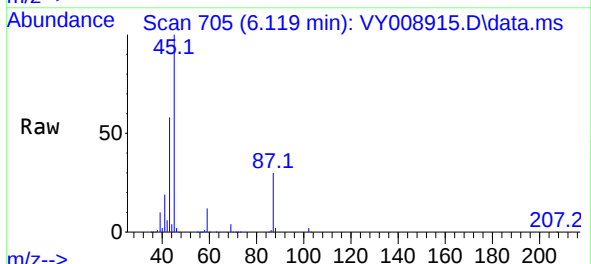
Manual Integrations
APPROVED

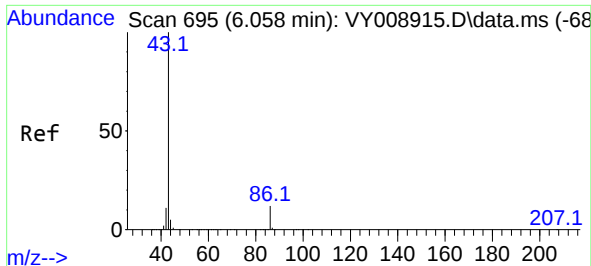
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#22
Diisopropyl ether
Concen: 62.474 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

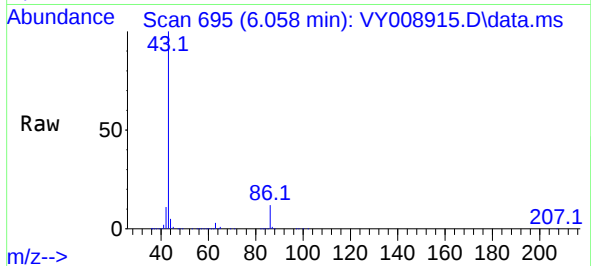
Tgt Ion: 45 Resp: 266726
Ion Ratio Lower Upper
45 100
43 57.7 49.3 73.9
87 29.6 19.2 28.8#
59 12.2 8.4 12.6





#23
 Vinyl Acetate
 Concen: 306.621 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

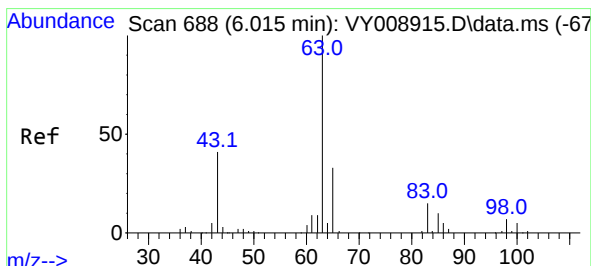
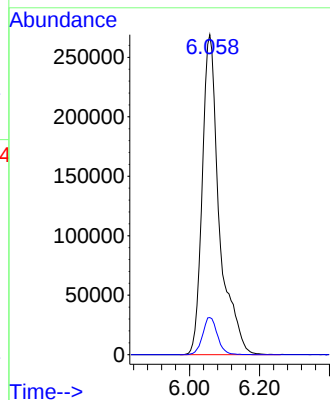
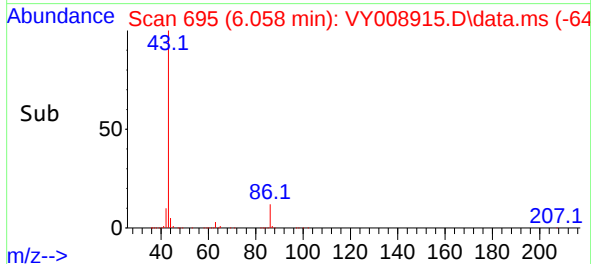
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



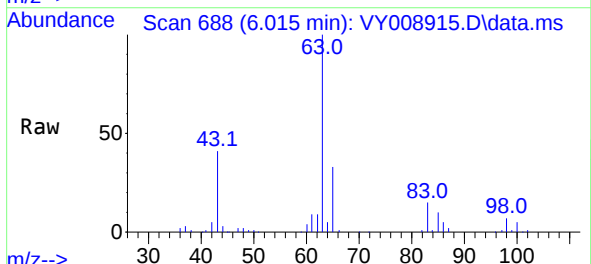
Tgt Ion: 43 Resp: 912150
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7

Manual Integrations
 APPROVED

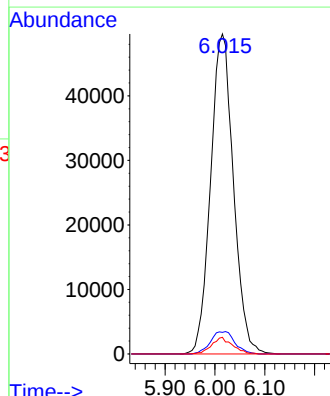
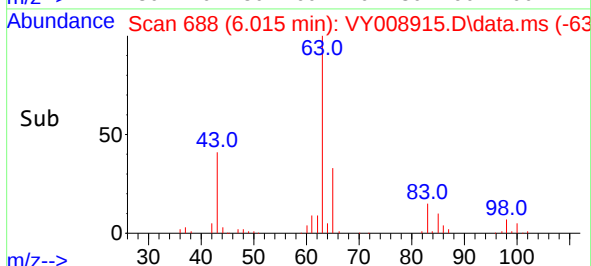
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

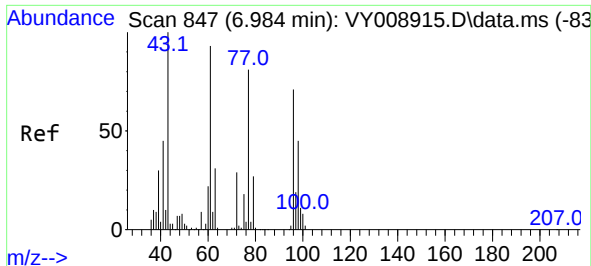


#24
 1,1-Dichloroethane
 Concen: 56.644 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47



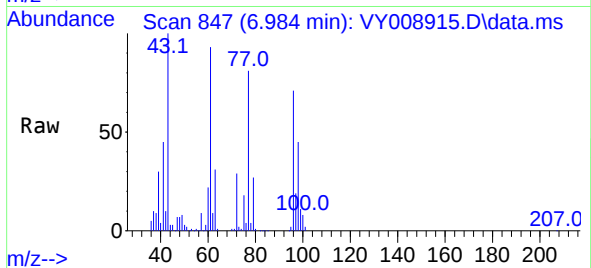
Tgt Ion: 63 Resp: 157615
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 5.2 2.0 5.8





#25
2-Butanone
Concen: 252.283 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

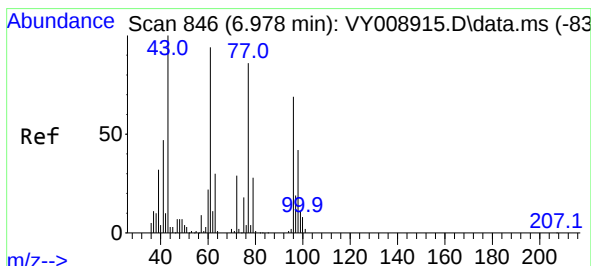
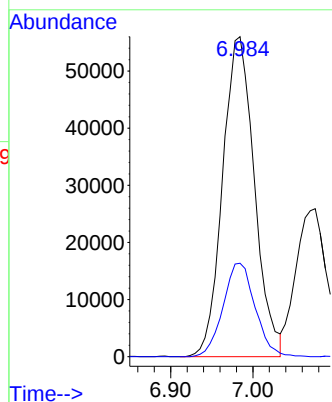
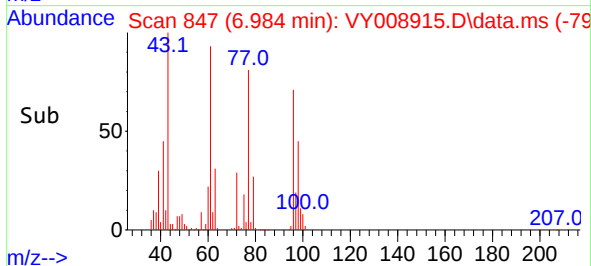
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



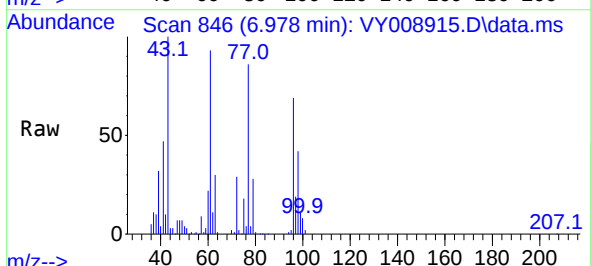
Tgt Ion: 43 Resp: 150774
Ion Ratio Lower Upper
43 100
72 29.2 17.7 26.5

Manual Integrations
APPROVED

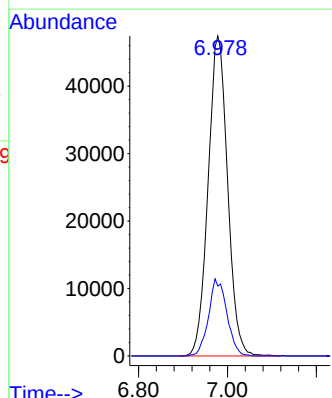
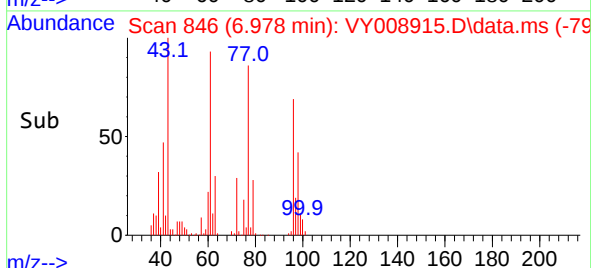
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

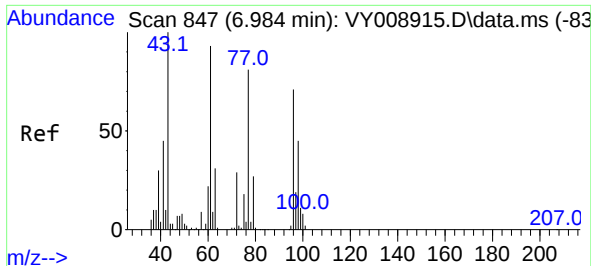


#26
2,2-Dichloropropane
Concen: 55.021 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



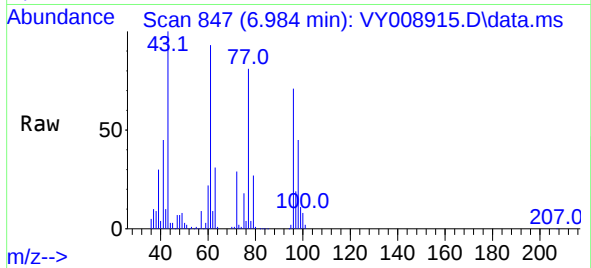
Tgt Ion: 77 Resp: 144354
Ion Ratio Lower Upper
77 100
97 22.7 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 58.137 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

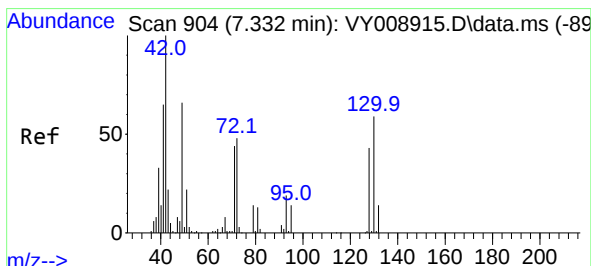
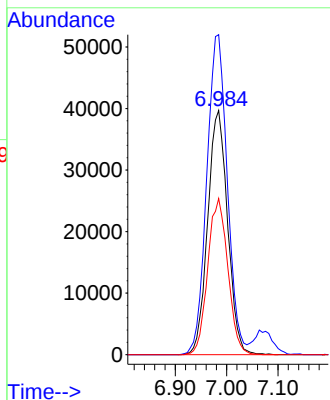
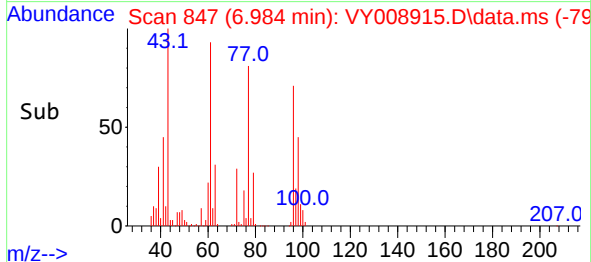
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 10695
Ion Ratio Lower Upper
96 100
61 135.2 0.0 319.8
98 64.5 0.0 127.0

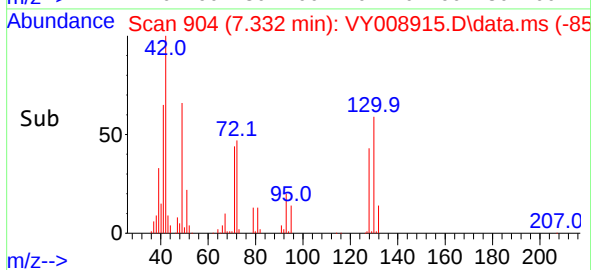
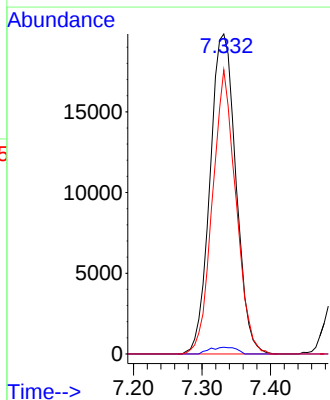
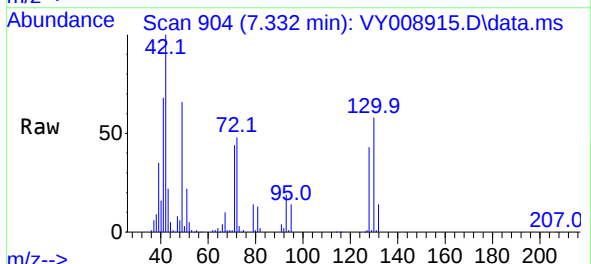
Manual Integrations
APPROVED

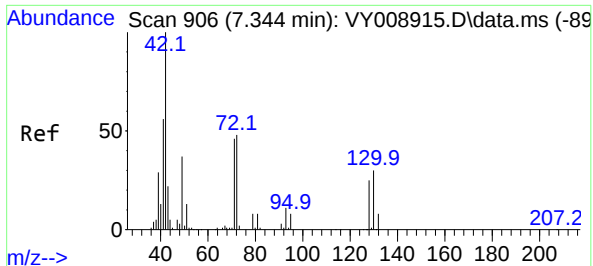
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 51.002 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

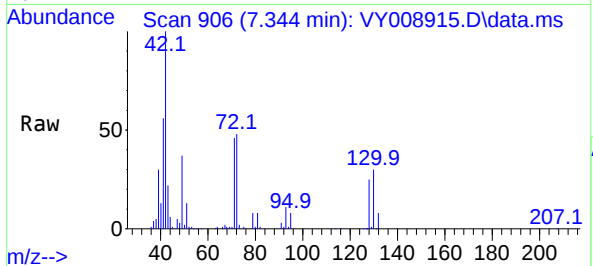
Tgt Ion: 49 Resp: 51976
Ion Ratio Lower Upper
49 100
129 2.2 0.0 2.2
130 80.3 55.4 83.0





#29
Tetrahydrofuran
Concen: 259.188 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

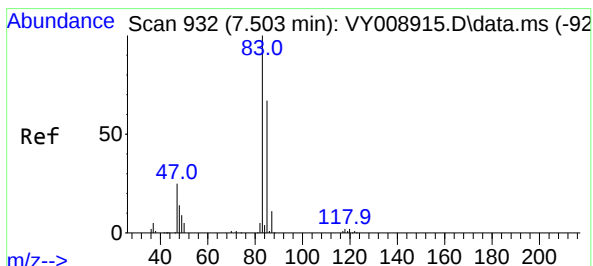
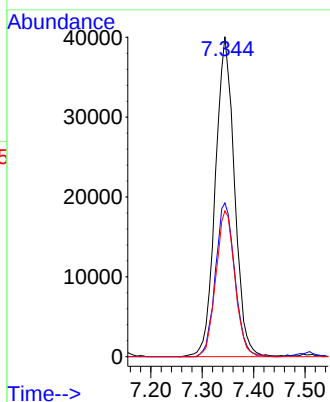
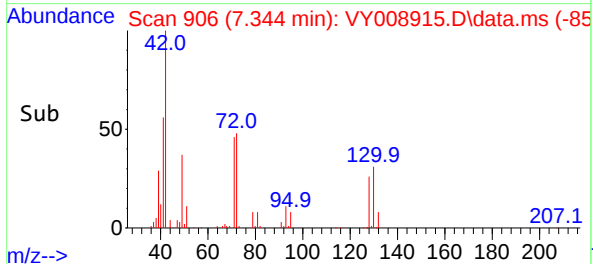
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



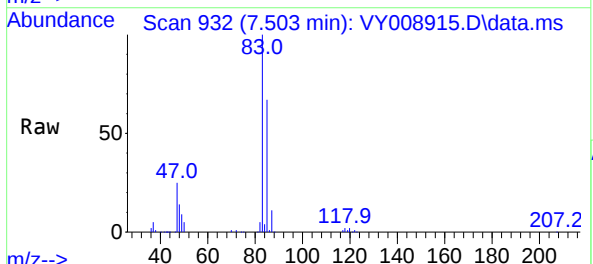
Tgt Ion: 42 Resp: 10356
Ion Ratio Lower Upper
42 100
72 48.5 30.3 45.5
71 45.4 29.0 43.4

Manual Integrations
APPROVED

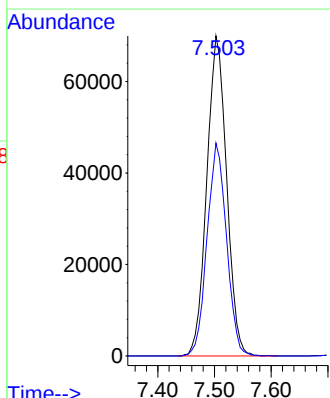
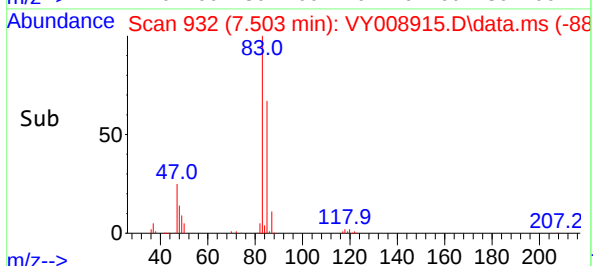
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

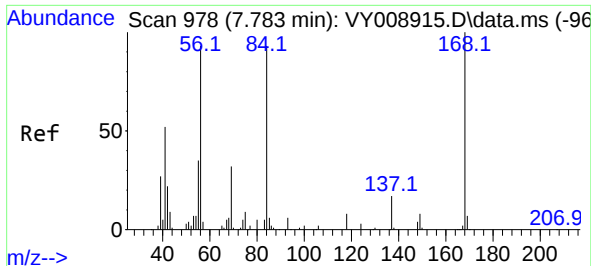


#30
Chloroform
Concen: 57.101 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



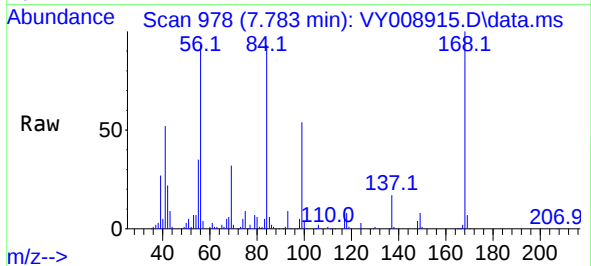
Tgt Ion: 83 Resp: 169999
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.6





#31
Cyclohexane
Concen: 58.224 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

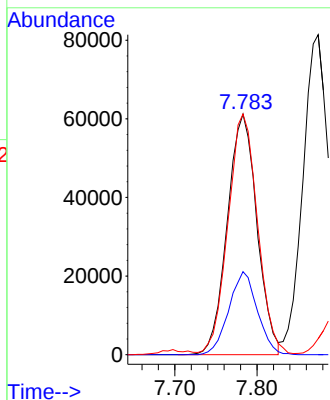
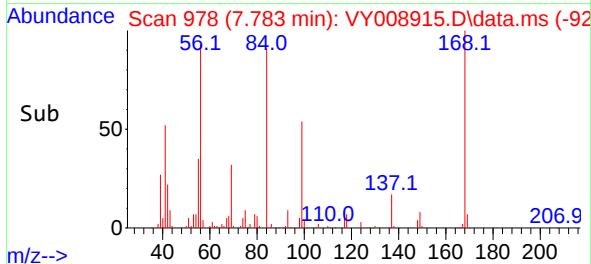
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



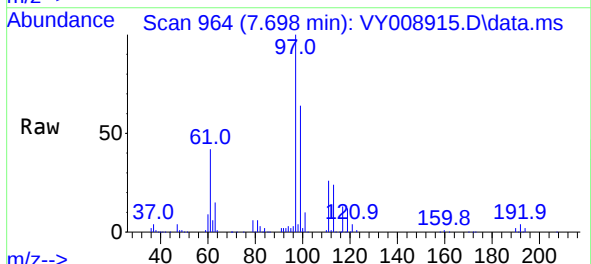
Tgt Ion: 56 Resp: 15326
Ion Ratio Lower Upper
56 100
69 34.5 26.7 40.1
84 98.8 67.2 100.8

Manual Integrations
APPROVED

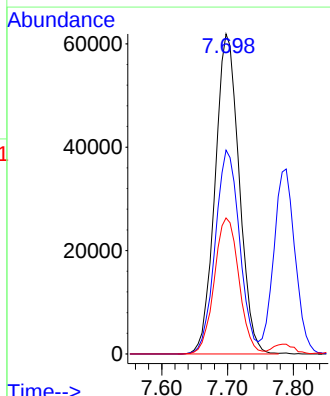
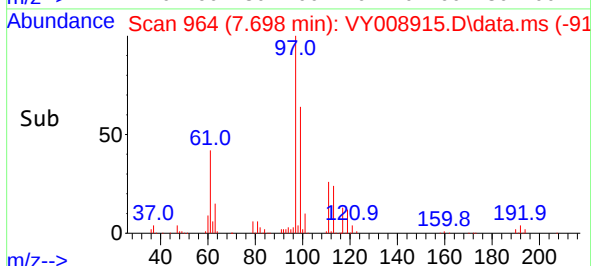
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

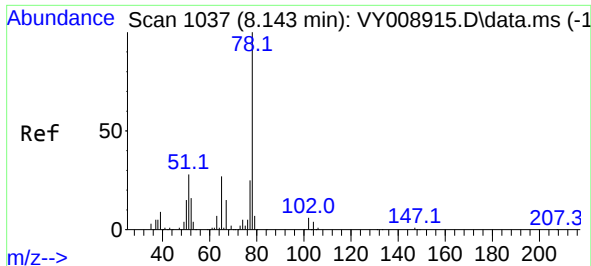


#32
1,1,1-Trichloroethane
Concen: 57.156 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



Tgt Ion: 97 Resp: 157733
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 43.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 44.940 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 61058

Ion Ratio Lower Upper

65 100

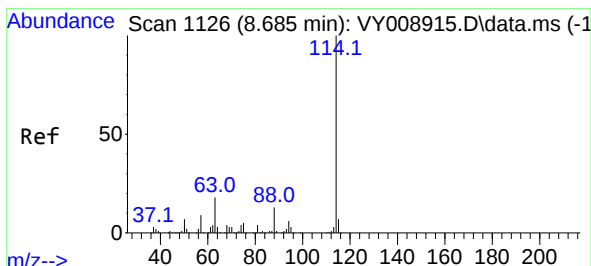
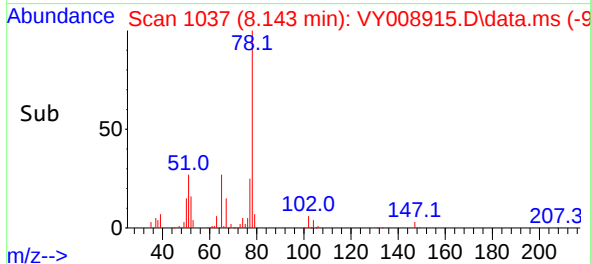
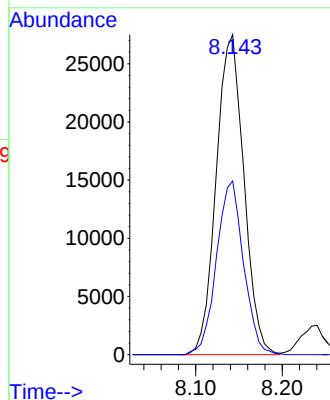
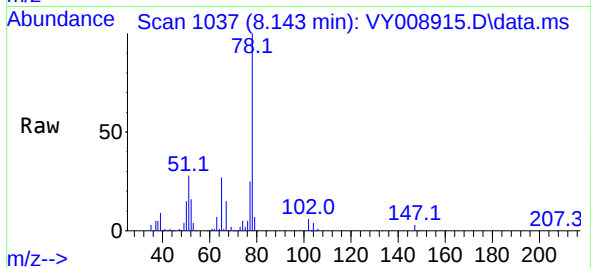
67 53.0 0.0 99.4

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: VY008915.D

Acq: 20 May 2022 19:47

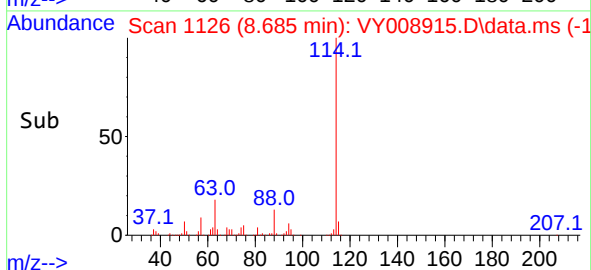
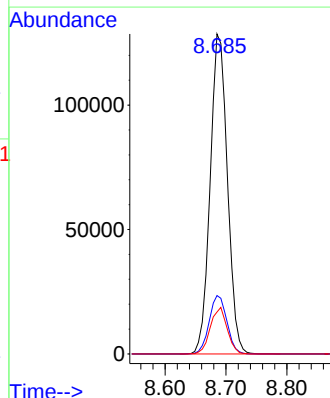
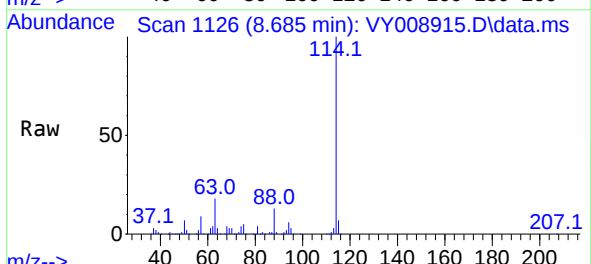
Tgt Ion:114 Resp: 252639

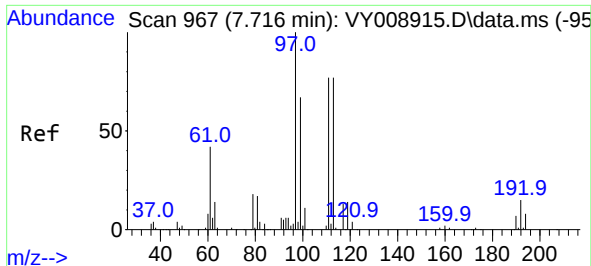
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

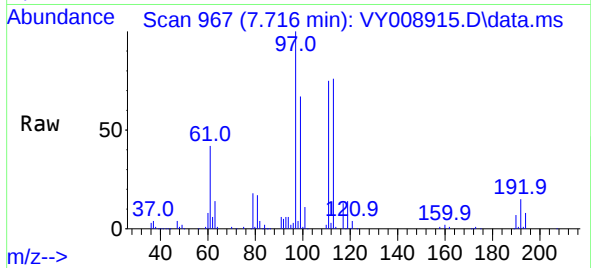
88 13.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 45.969 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

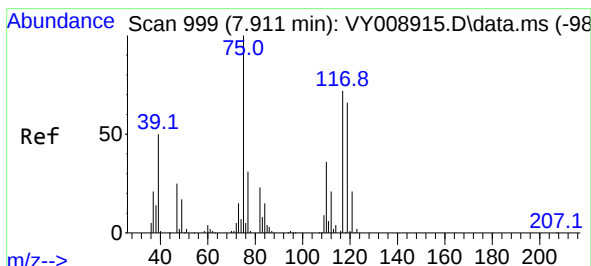
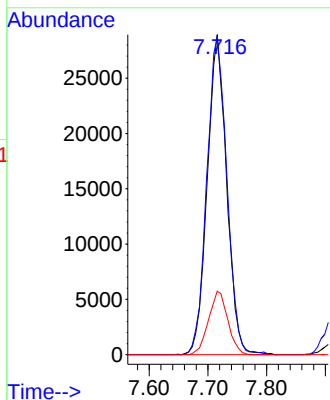
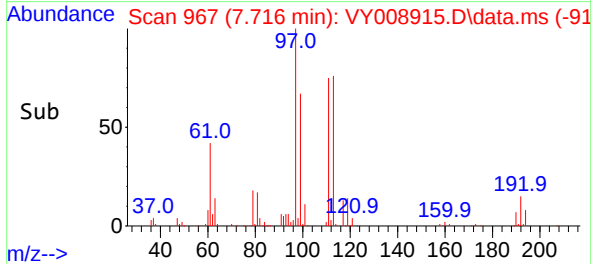
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



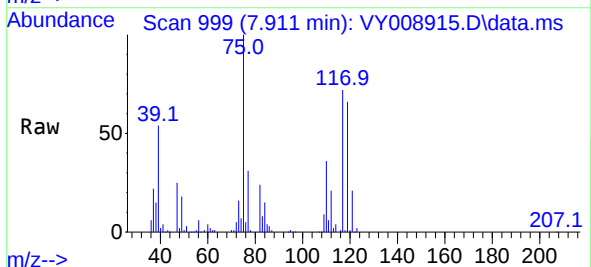
Tgt Ion:113 Resp: 66200
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 19.7 17.6 26.4

Manual Integrations
APPROVED

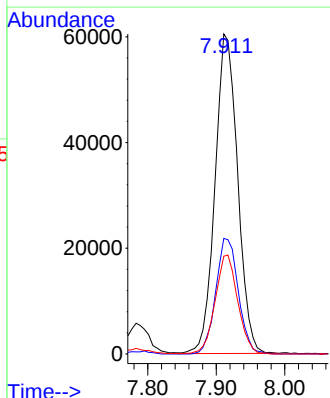
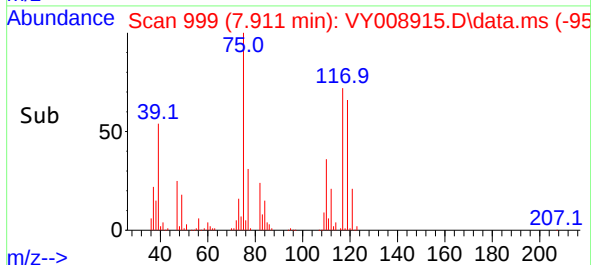
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

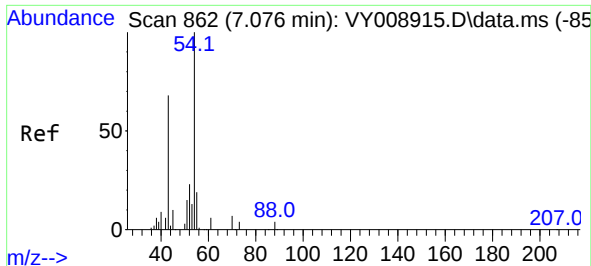


#36
1,1-Dichloropropene
Concen: 56.314 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



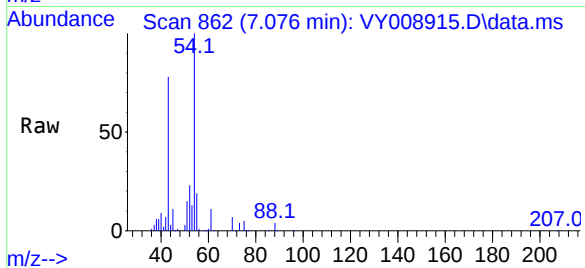
Tgt Ion: 75 Resp: 138335
Ion Ratio Lower Upper
75 100
110 36.0 17.1 51.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 49.584 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

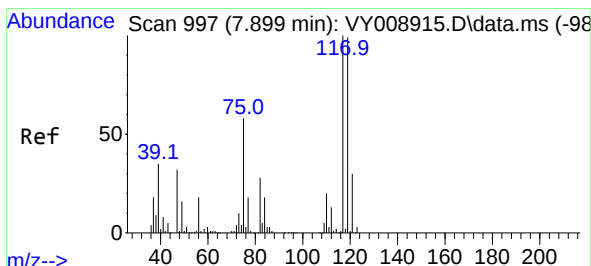
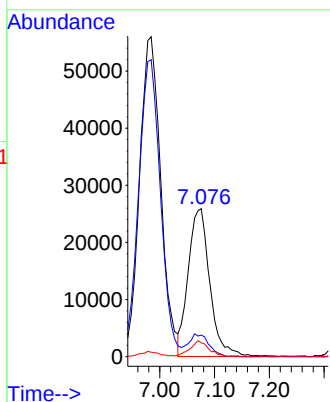
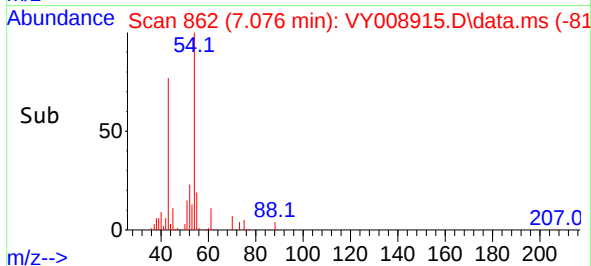
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 70793
Ion Ratio Lower Upper
43 100
61 14.1 9.7 14.5
70 9.4 7.1 10.7

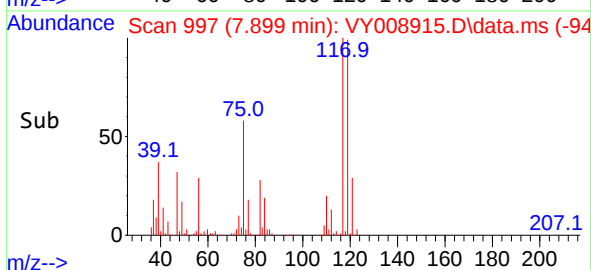
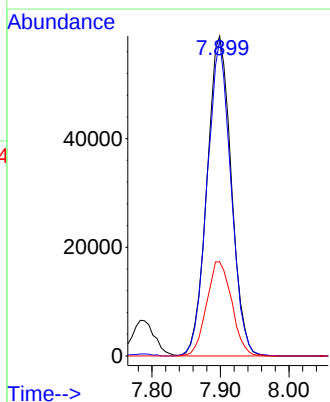
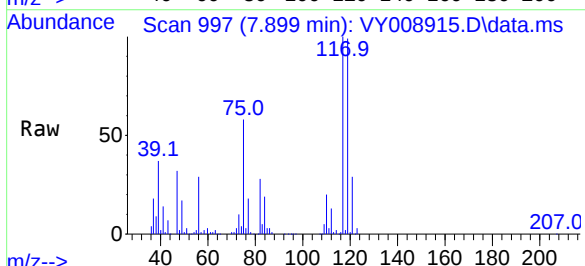
Manual Integrations
APPROVED

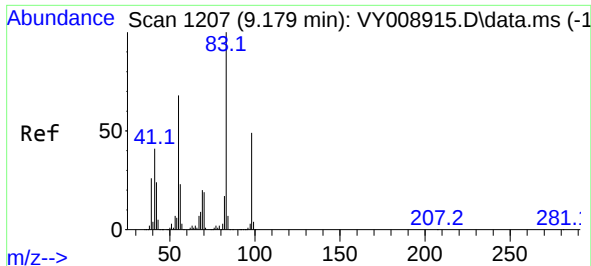
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 55.198 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

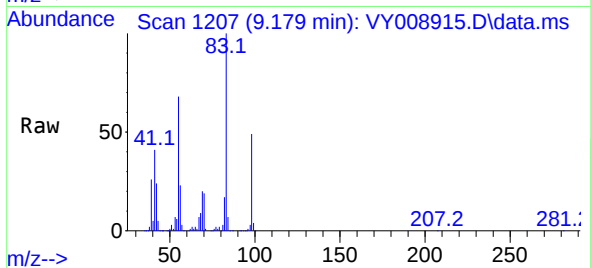
Tgt Ion:117 Resp: 144691
Ion Ratio Lower Upper
117 100
119 98.6 77.9 116.9
121 29.5 24.8 37.2





#39
Methylcyclohexane
Concen: 62.308 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

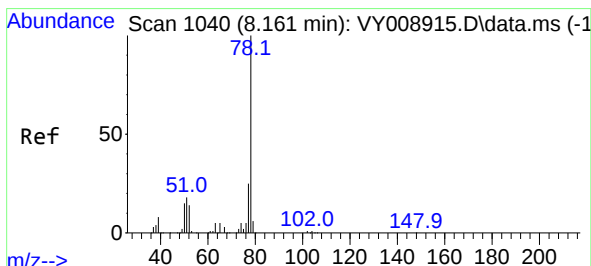
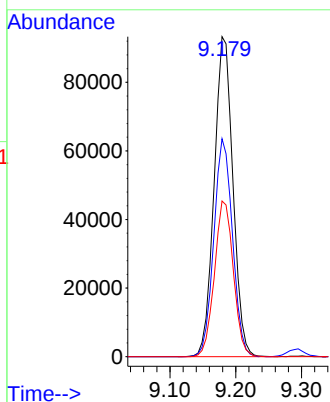
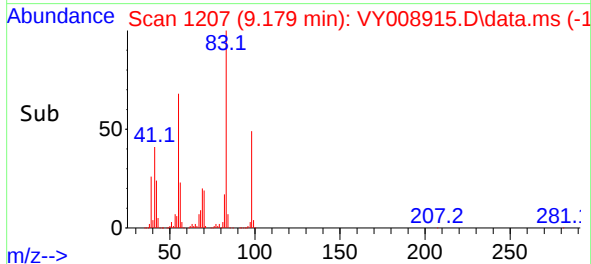
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 18527
Ion Ratio Lower Upper
83 100
55 68.1 66.5 99.7
98 48.7 37.9 56.9

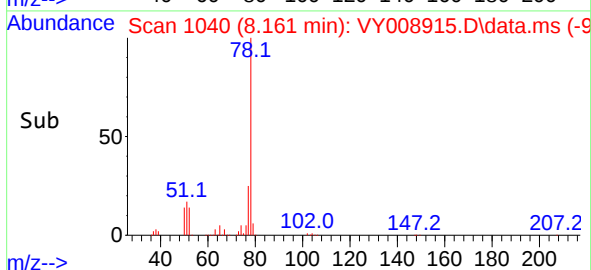
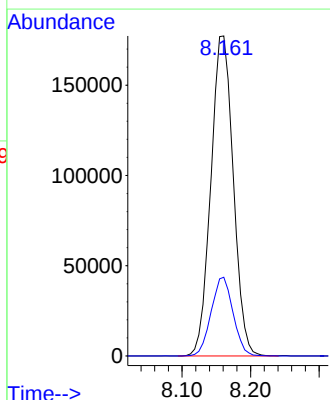
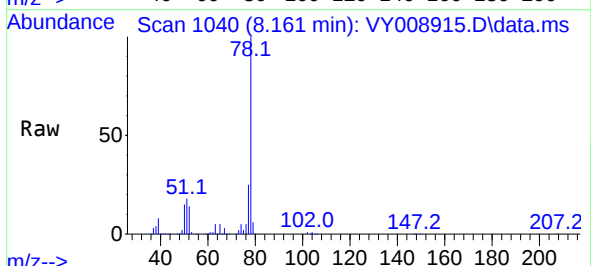
Manual Integrations
APPROVED

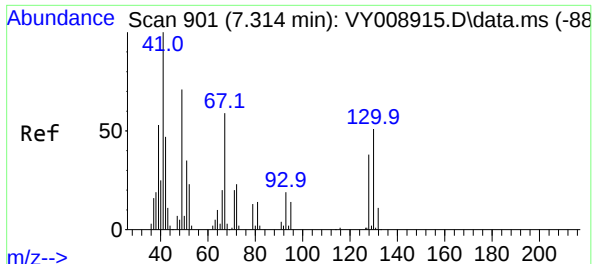
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#40
Benzene
Concen: 58.378 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

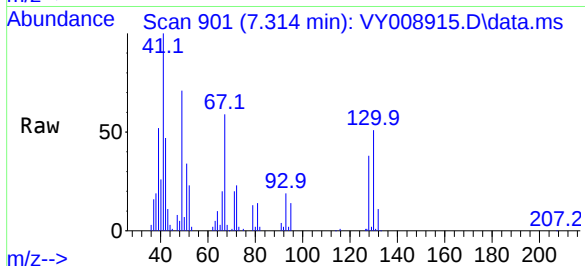
Tgt Ion: 78 Resp: 402555
Ion Ratio Lower Upper
78 100
77 24.6 20.4 30.6





#41
Methacrylonitrile
Concen: 50.963 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

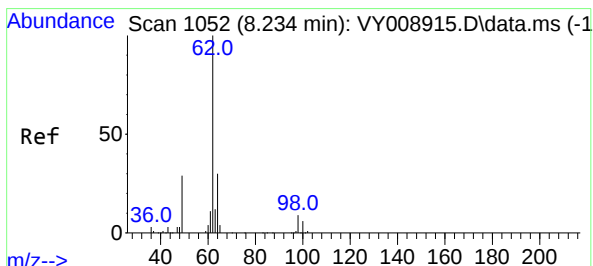
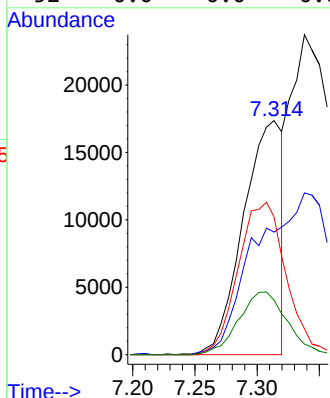
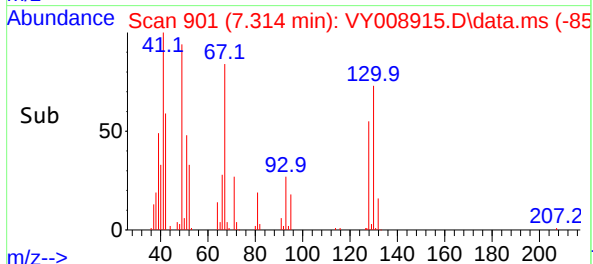
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 38325
Ion Ratio Lower Upper
41 100
39 133.9 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

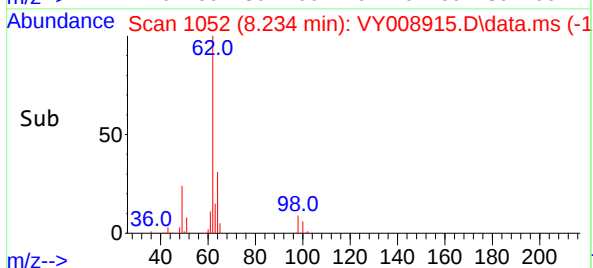
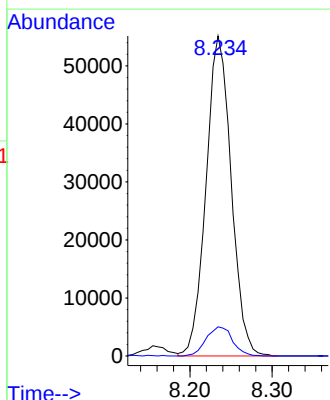
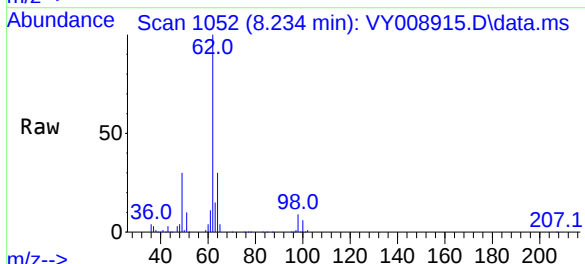
Manual Integrations
APPROVED

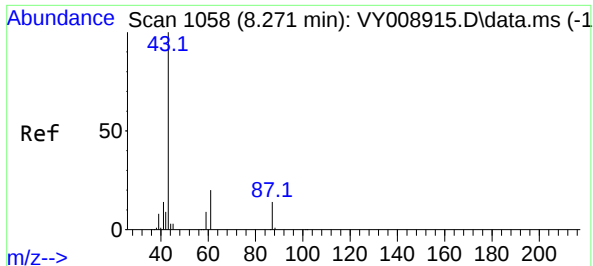
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#42
1,2-Dichloroethane
Concen: 57.901 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

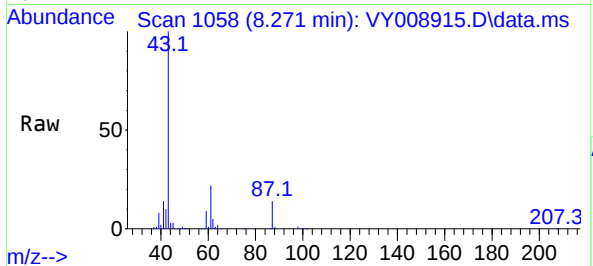
Tgt Ion: 62 Resp: 117230
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8





#43
Isopropyl Acetate
Concen: 56.522 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

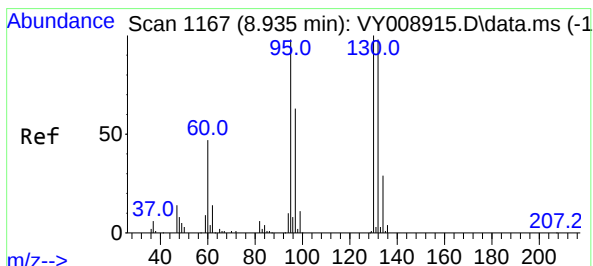
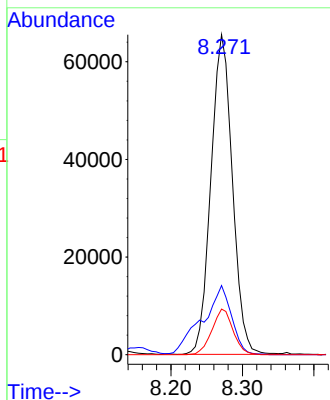
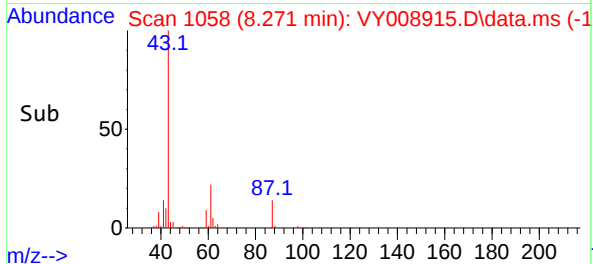
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 136678
Ion Ratio Lower Upper
43 100
61 29.6 20.2 30.2
87 14.0 8.9 13.3

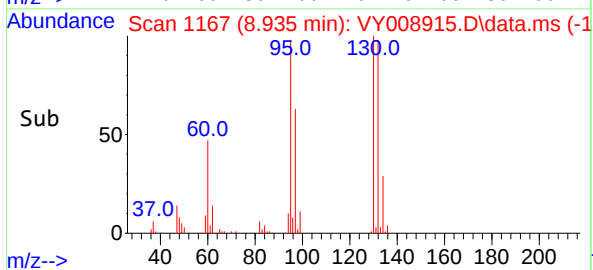
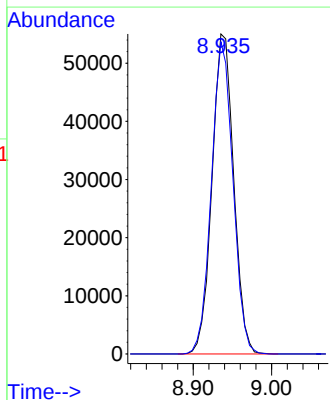
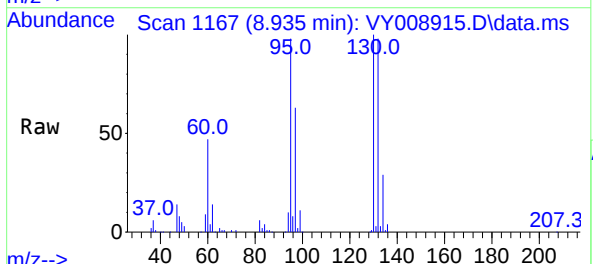
Manual Integrations
APPROVED

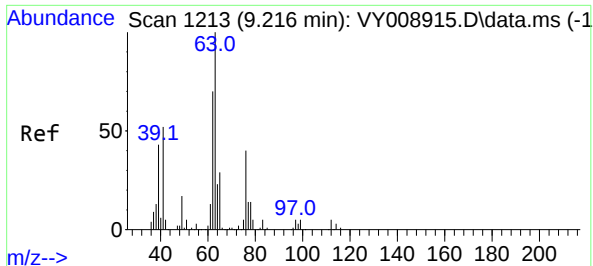
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 56.627 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:130 Resp: 105614
Ion Ratio Lower Upper
130 100
95 97.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 59.741 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 98240

Ion Ratio Lower Upper

63 100

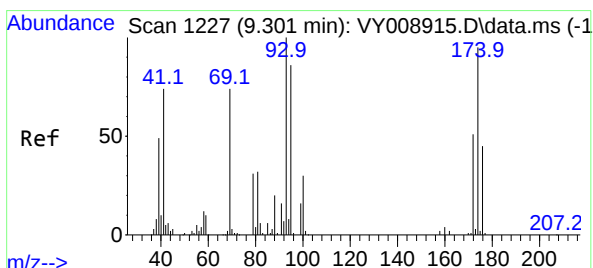
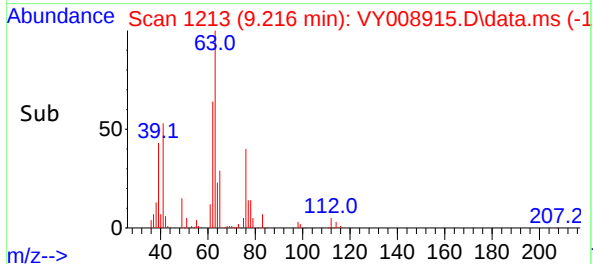
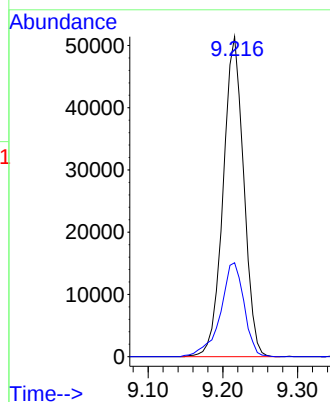
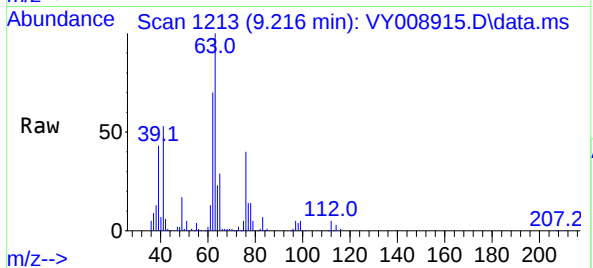
65 29.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 57.177 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

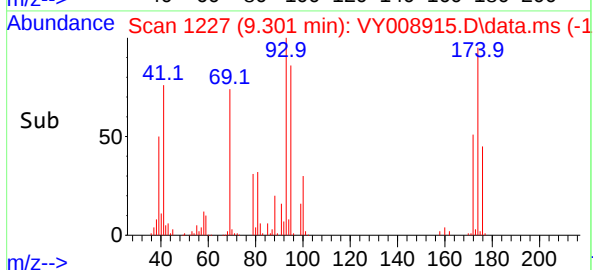
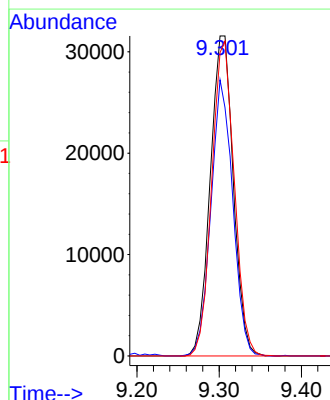
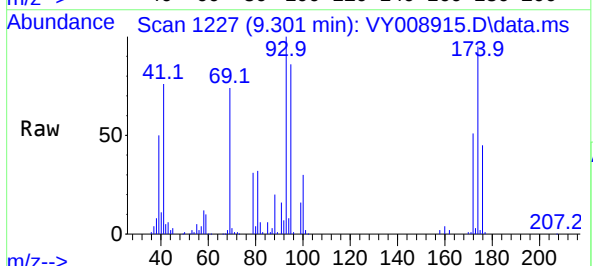
Tgt Ion: 93 Resp: 61545

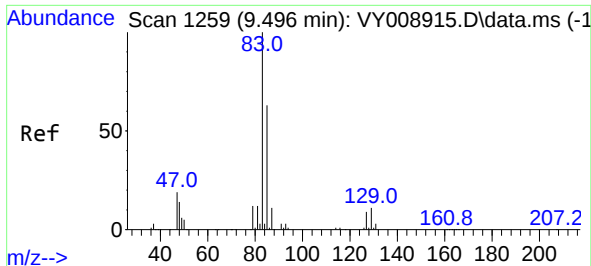
Ion Ratio Lower Upper

93 100

95 81.5 64.3 96.5

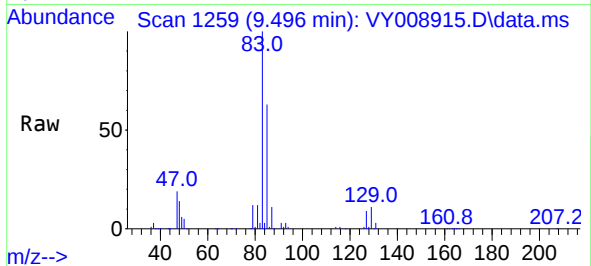
174 95.8 83.4 125.0





#47
Bromodichloromethane
Concen: 58.639 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

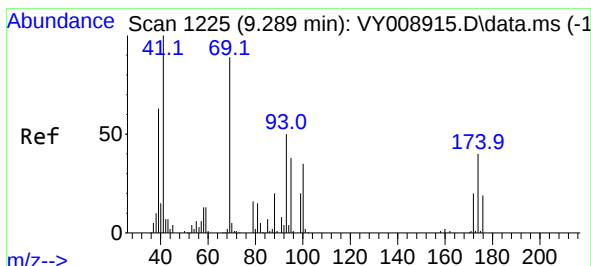
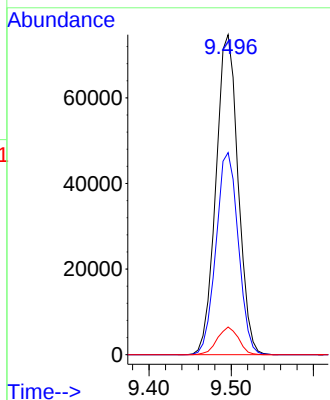
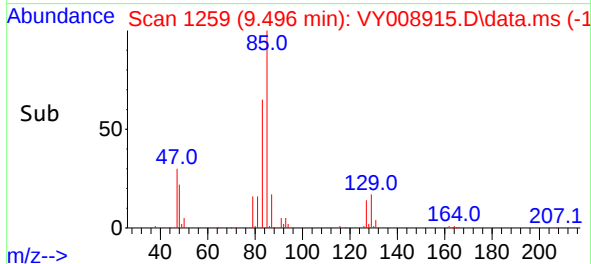
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



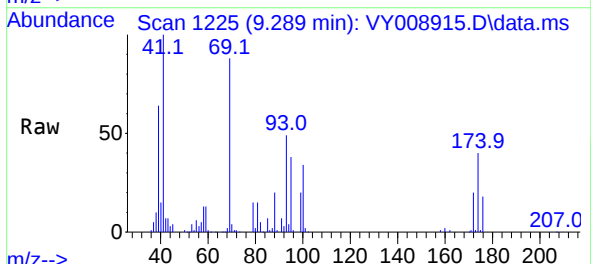
Tgt Ion: 83 Resp: 140089
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 8.6 6.6 10.0

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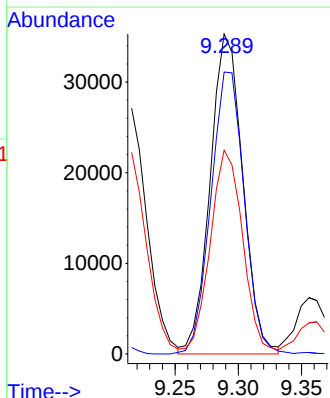
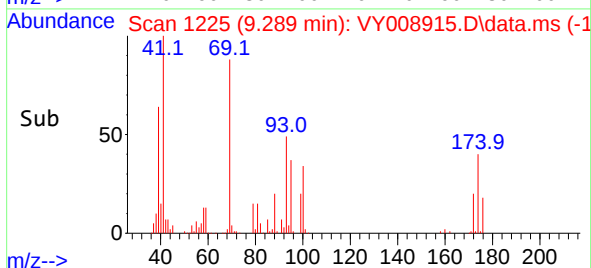
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

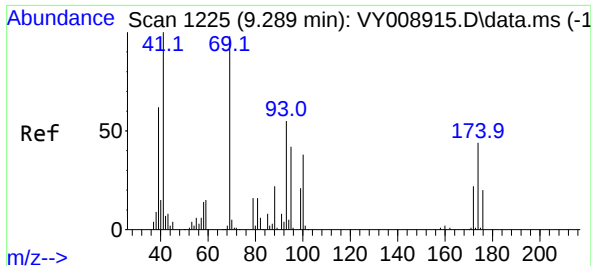


#48
Methyl methacrylate
Concen: 59.120 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



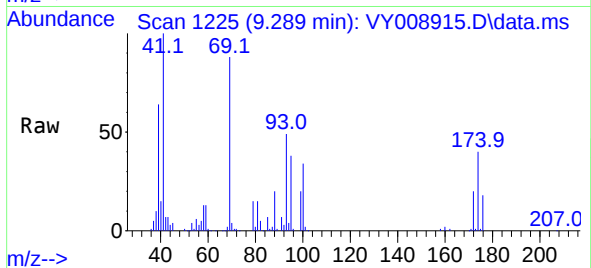
Tgt Ion: 41 Resp: 63293
Ion Ratio Lower Upper
41 100
69 90.0 58.2 87.2#
39 61.1 47.4 71.0





#49
1,4-Dioxane
Concen: 1046.847 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

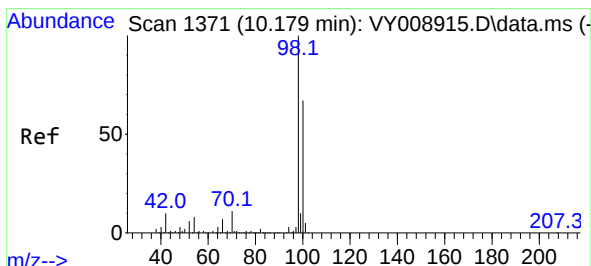
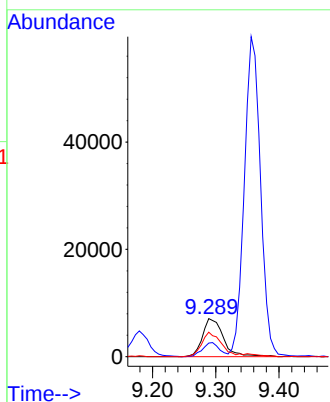
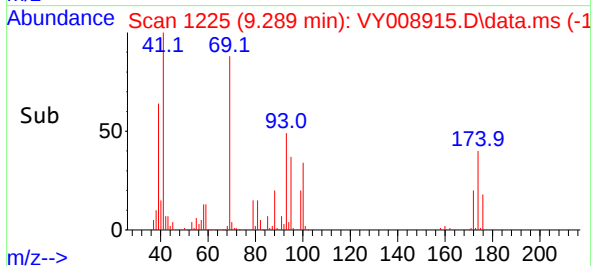
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



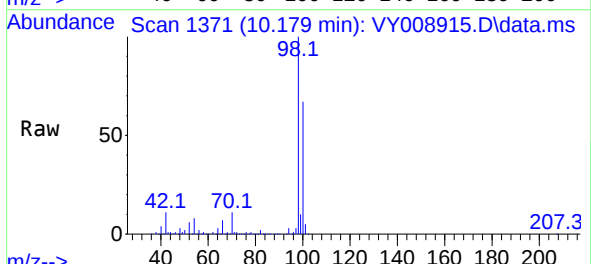
Tgt Ion: 88 Resp: 1640
Ion Ratio Lower Upper
88 100
43 30.4 32.8 49.2
58 60.8 59.8 89.6

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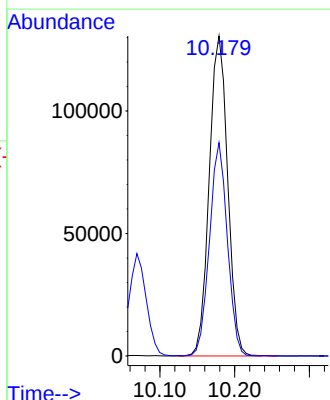
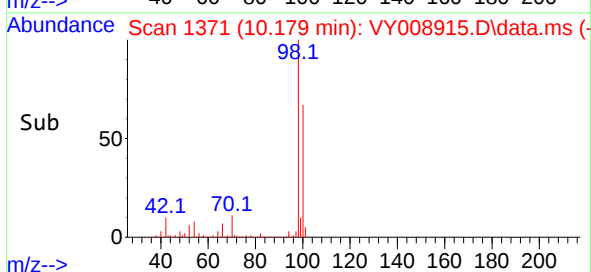
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

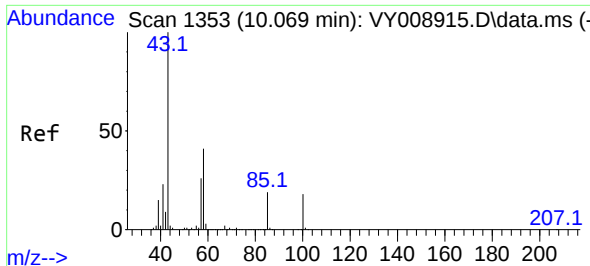


#50
Toluene-d8
Concen: 41.545 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



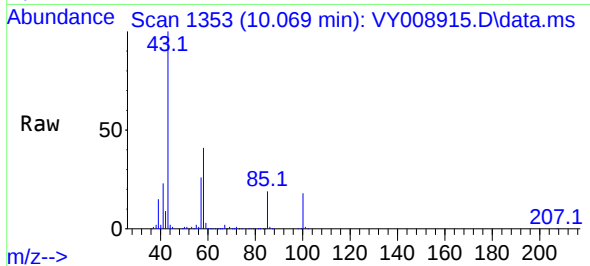
Tgt Ion: 98 Resp: 224222
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 276.112 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

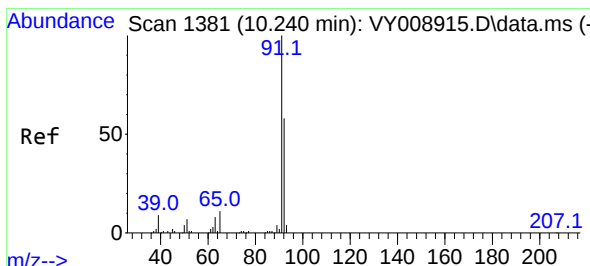
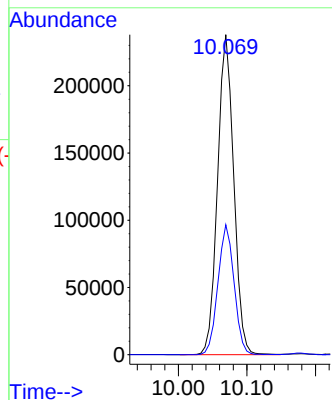
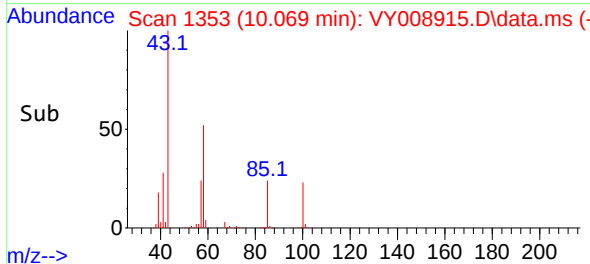
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



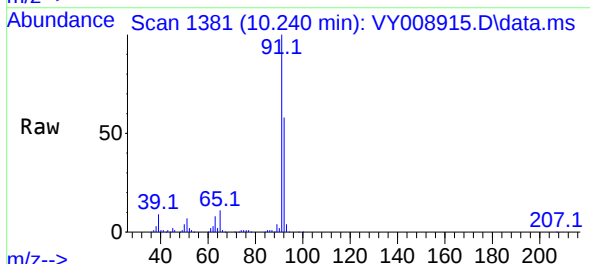
Tgt Ion: 43 Resp: 390170
Ion Ratio Lower Upper
43 100
58 40.4 28.1 42.1

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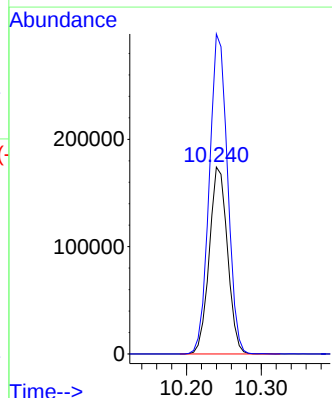
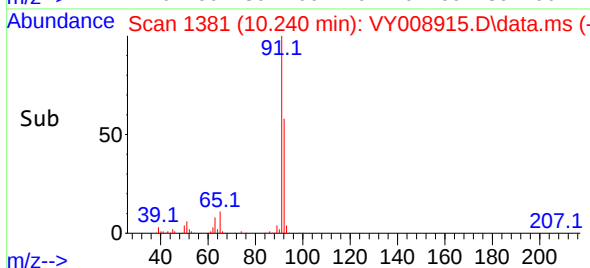
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

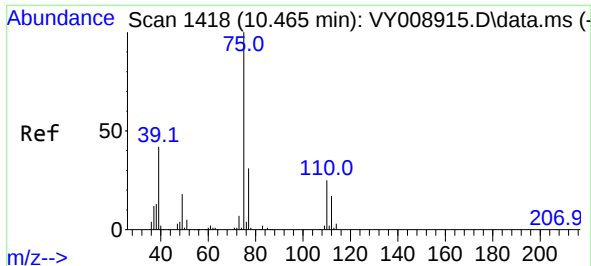


#52
Toluene
Concen: 62.263 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



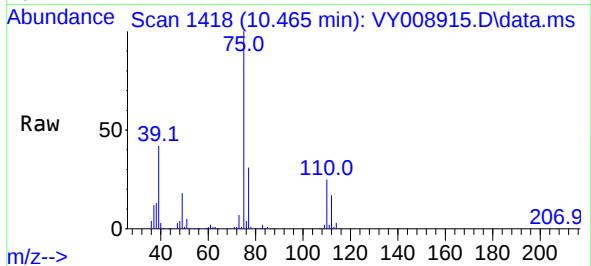
Tgt Ion: 92 Resp: 293807
Ion Ratio Lower Upper
92 100
91 171.7 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 62.249 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

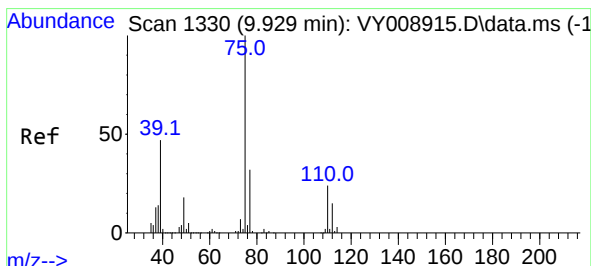
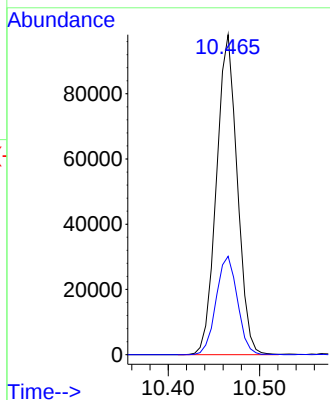
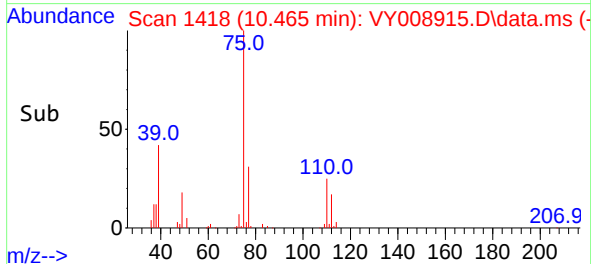
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



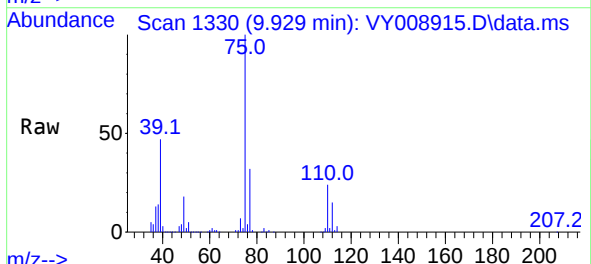
Tgt Ion: 75 Resp: 155412
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2

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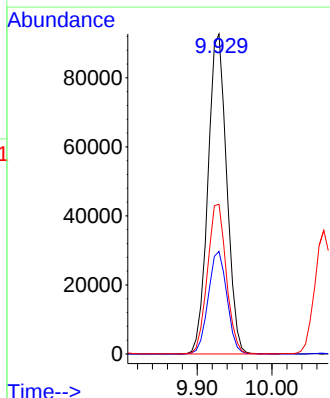
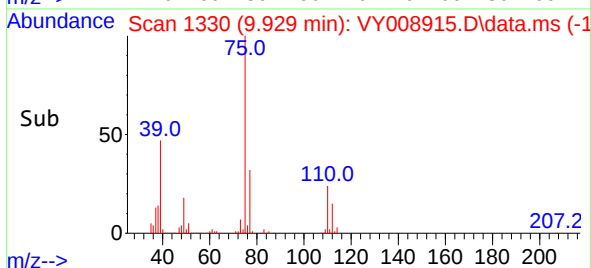
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

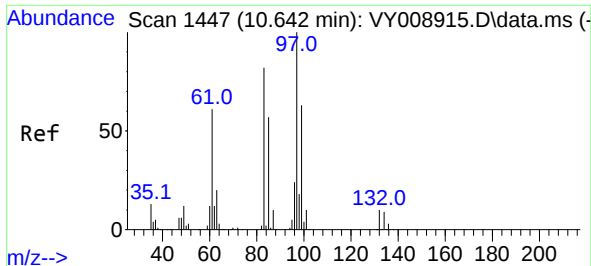


#54
cis-1,3-Dichloropropene
Concen: 60.054 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



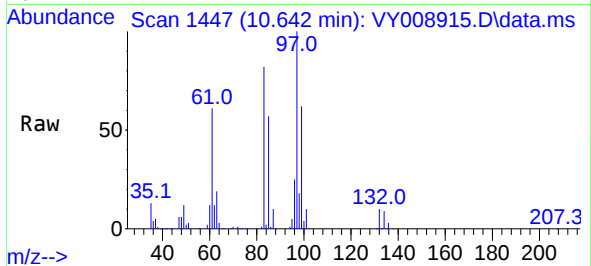
Tgt Ion: 75 Resp: 161426
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 46.8 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 59.991 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

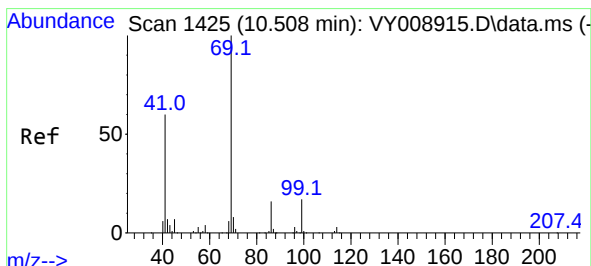
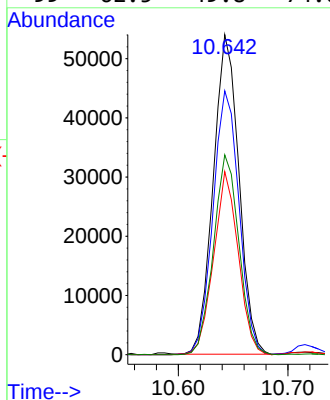
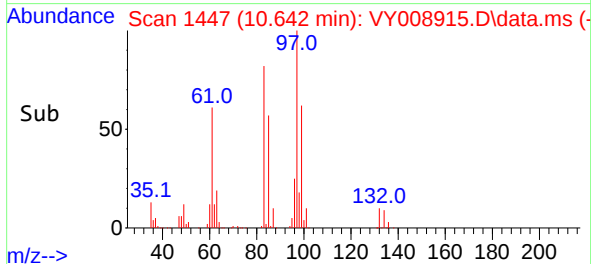
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



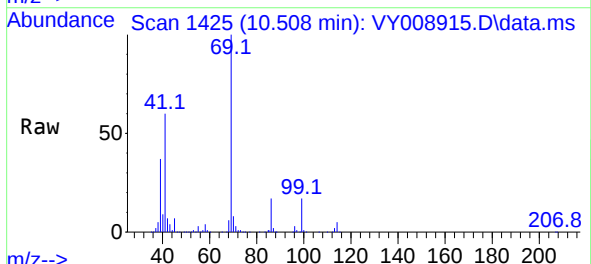
Tgt Ion: 97 Resp: 87809
Ion Ratio Lower Upper
97 100
83 82.4 69.8 104.8
85 57.2 44.3 66.5
99 62.5 49.8 74.6

Manual Integrations
APPROVED

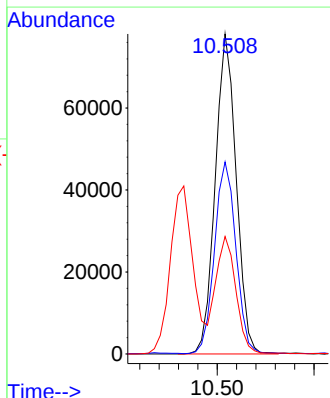
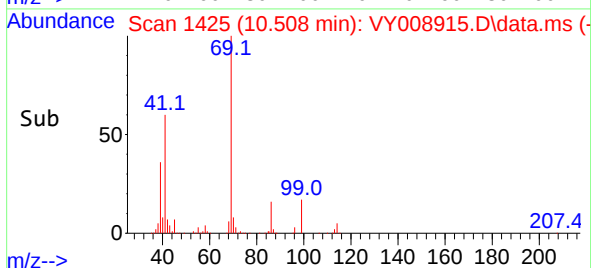
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

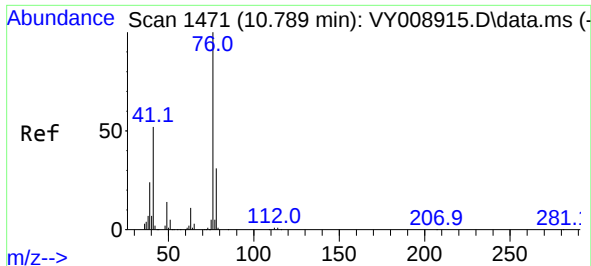


#56
Ethyl methacrylate
Concen: 65.146 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



Tgt Ion: 69 Resp: 117300
Ion Ratio Lower Upper
69 100
41 61.2 63.4 95.0#
39 35.2 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 59.638 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 143789

Ion Ratio Lower Upper

76 100

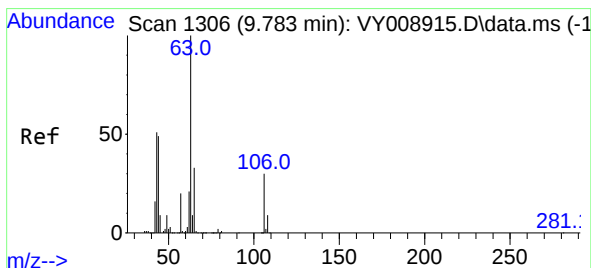
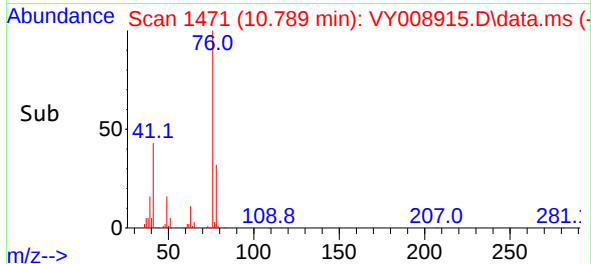
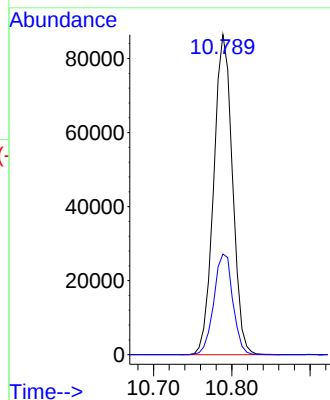
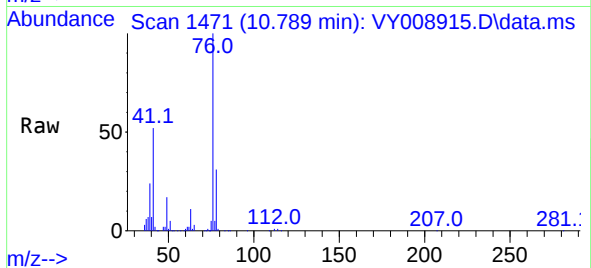
78 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 279.134 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008915.D

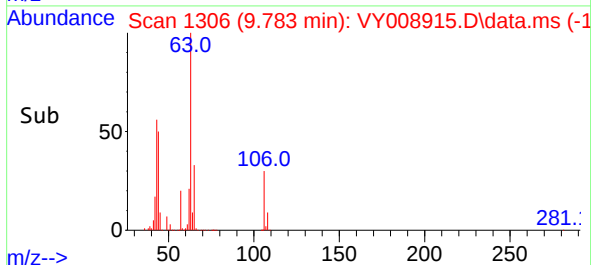
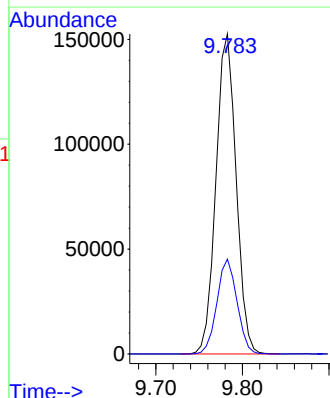
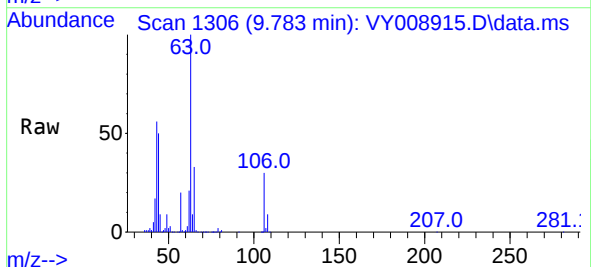
Acq: 20 May 2022 19:47

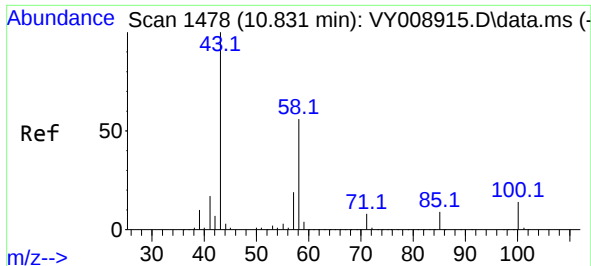
Tgt Ion: 63 Resp: 246522

Ion Ratio Lower Upper

63 100

106 29.5 21.5 32.3





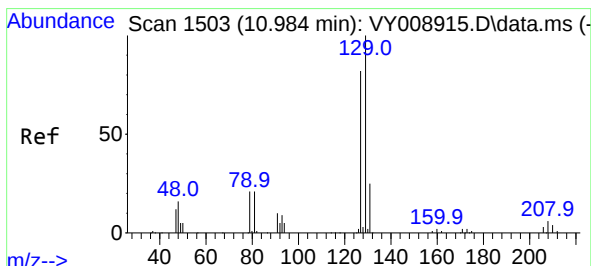
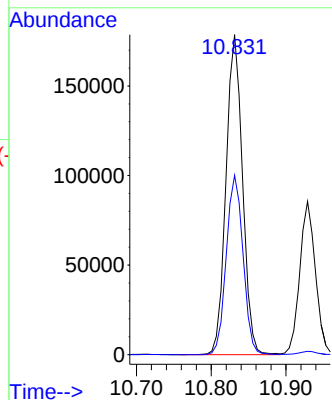
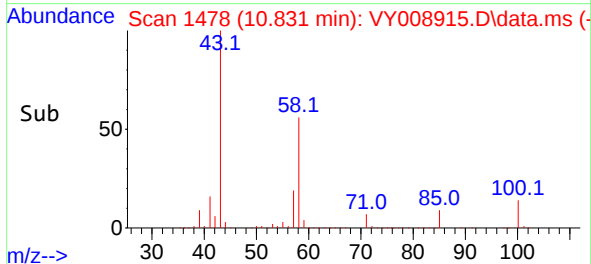
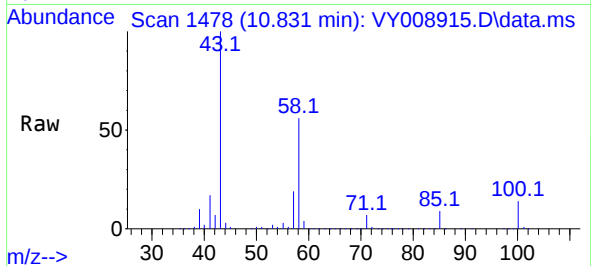
#59
2-Hexanone
Concen: 275.004 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 275090
Ion Ratio Lower Upper
43 100
58 56.8 24.4 73.4

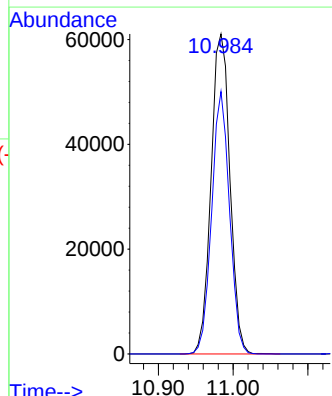
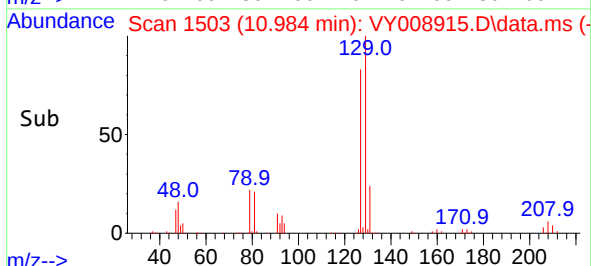
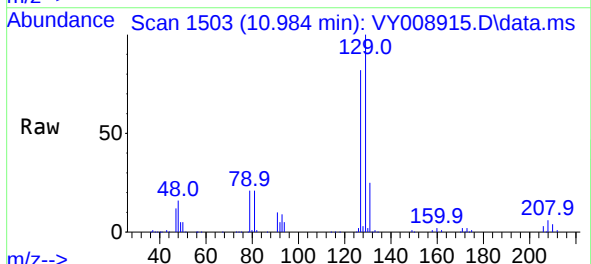
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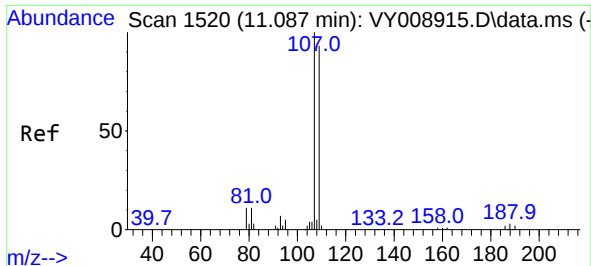
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 60.796 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:129 Resp: 107520
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





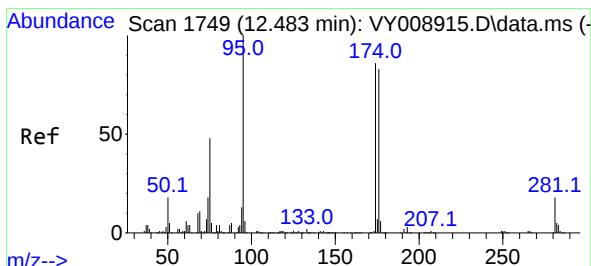
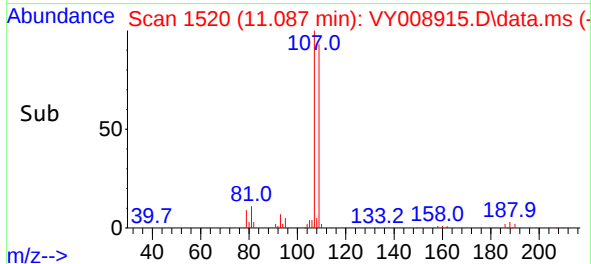
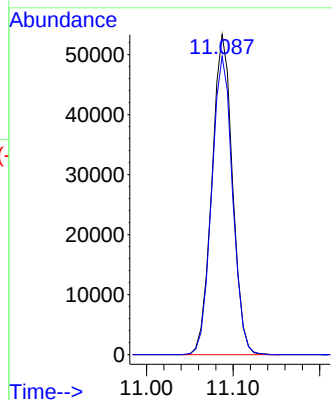
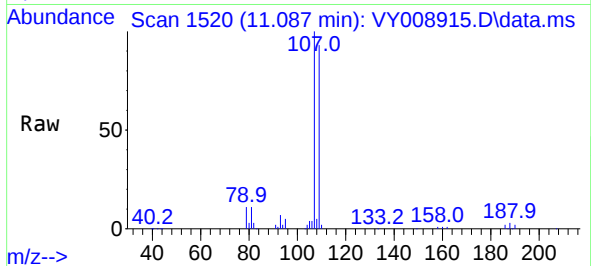
#61
1,2-Dibromoethane
Concen: 60.154 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 87960
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2

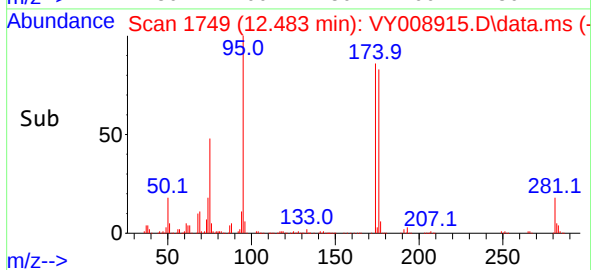
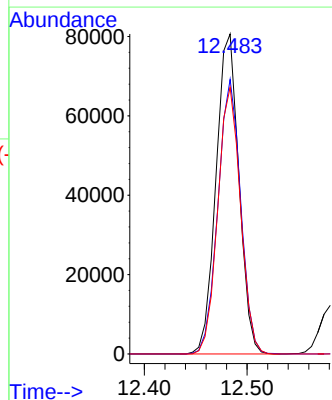
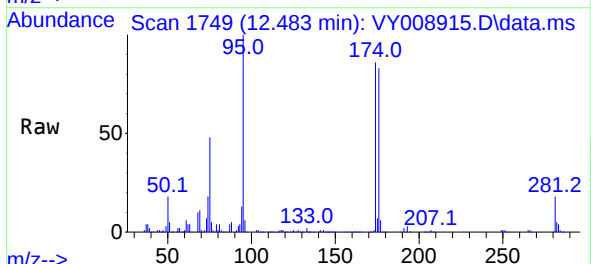
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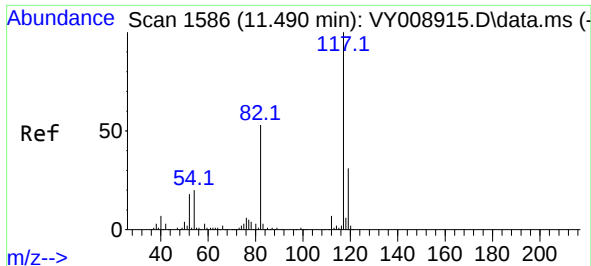
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 60.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

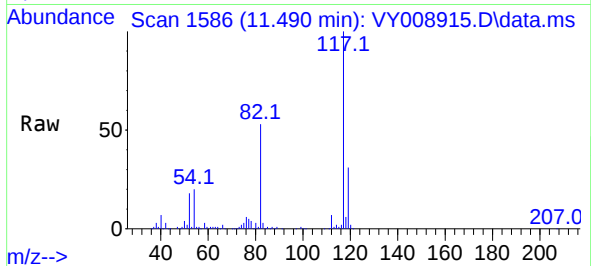
Tgt Ion: 95 Resp: 124348
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

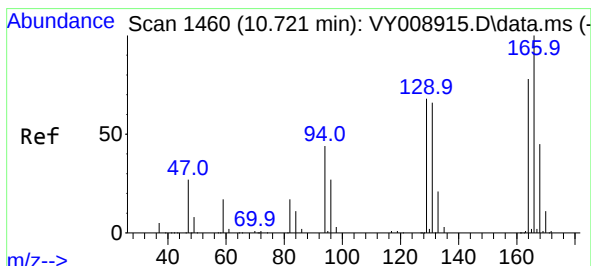
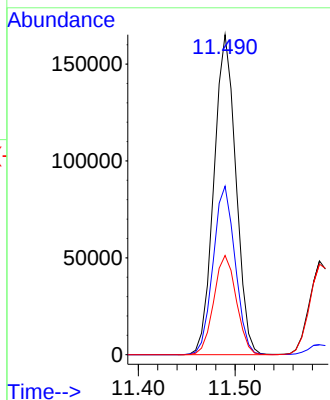
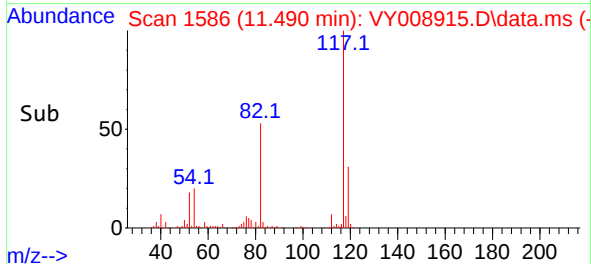
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



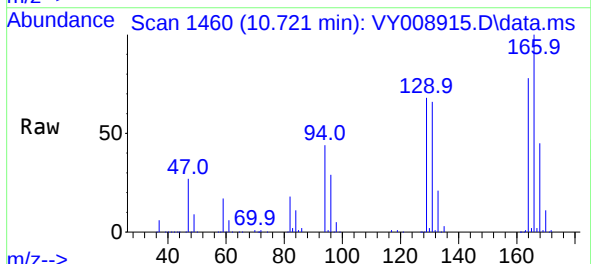
Tgt Ion:117 Resp: 260354
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.0 25.4 38.0

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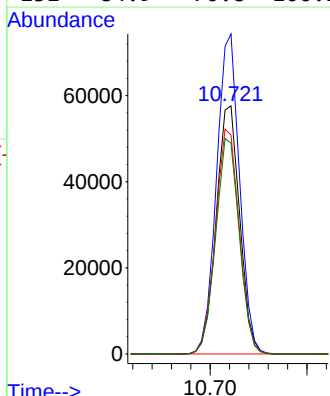
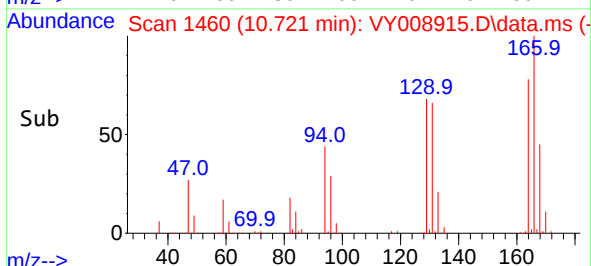
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

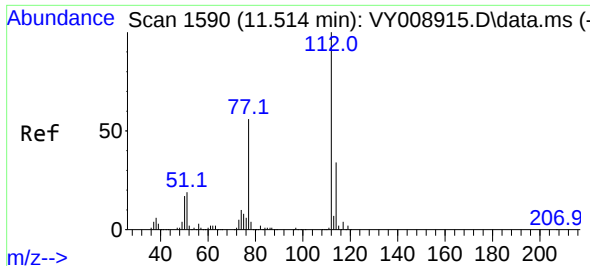


#64
Tetrachloroethene
Concen: 56.080 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



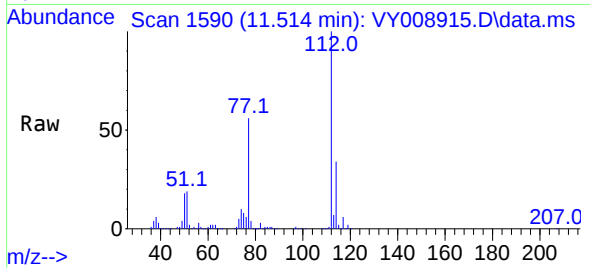
Tgt Ion:164 Resp: 97145
Ion Ratio Lower Upper
164 100
166 128.9 100.4 150.6
129 88.2 71.4 107.0
131 84.9 70.8 106.2





#65
Chlorobenzene
Concen: 56.766 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

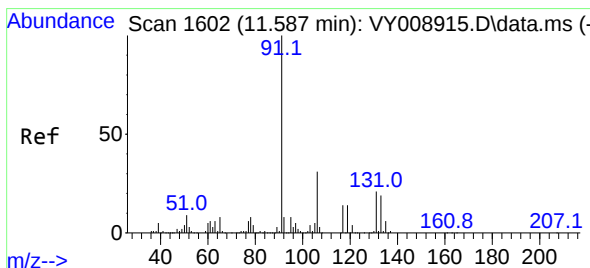
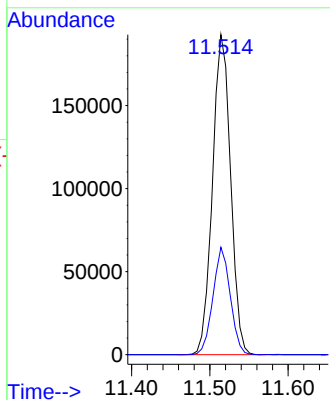
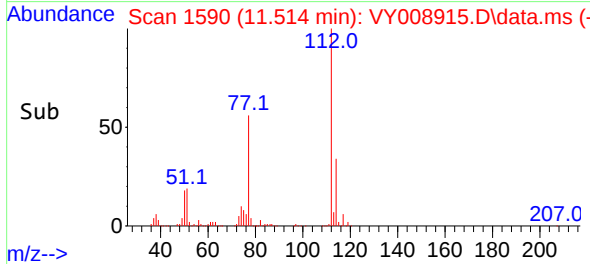
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



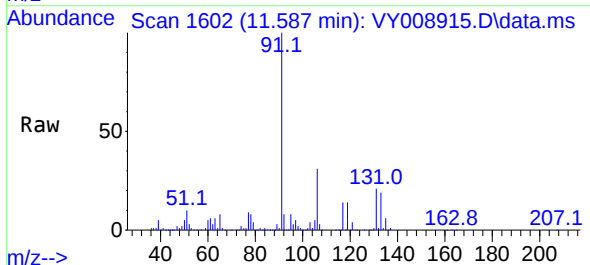
Tgt Ion:112 Resp: 309620
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6

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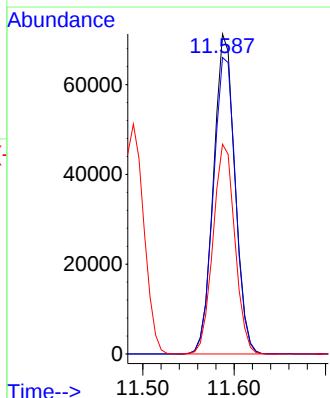
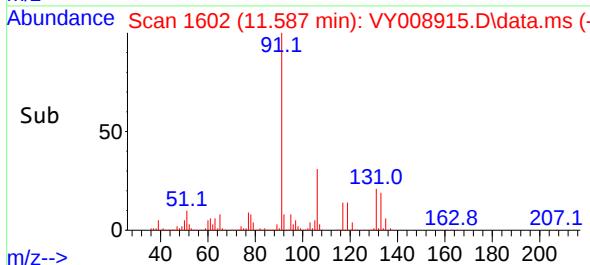
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

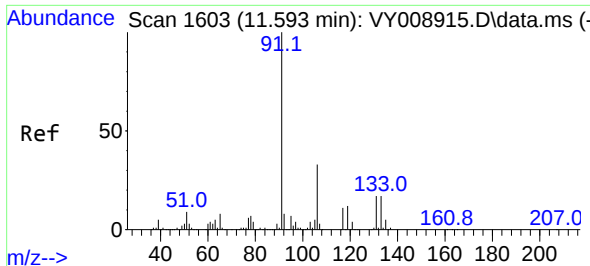


#66
1,1,1,2-Tetrachloroethane
Concen: 58.058 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



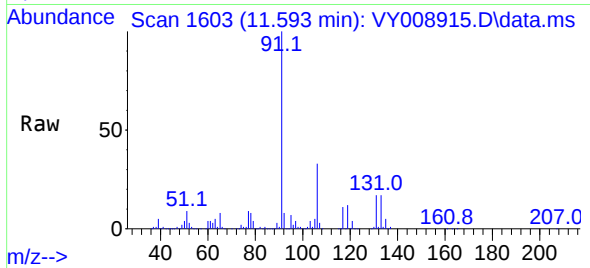
Tgt Ion:131 Resp: 116207
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 66.8 30.8 92.3





#67
Ethyl Benzene
Concen: 59.702 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

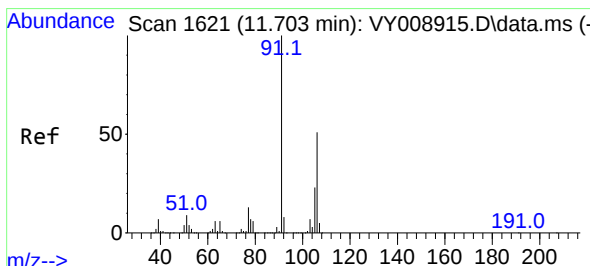
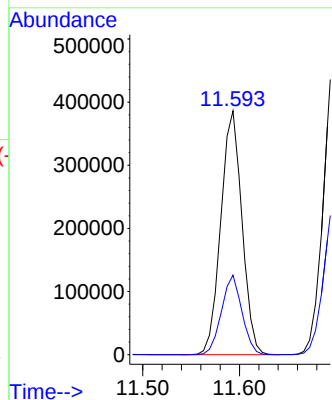
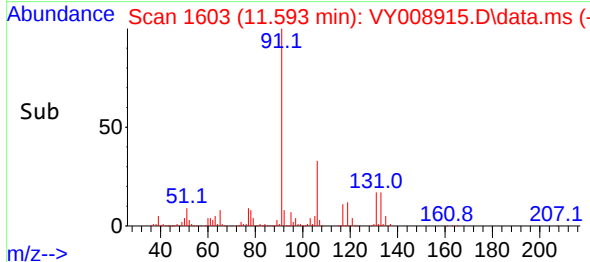
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



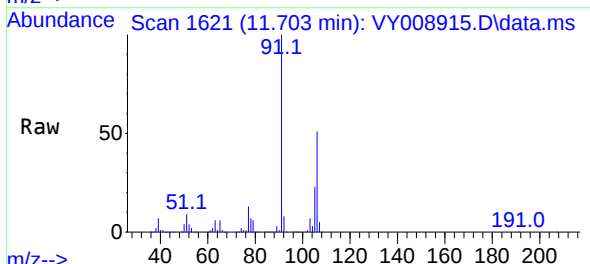
Tgt Ion: 91 Resp: 585185
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7

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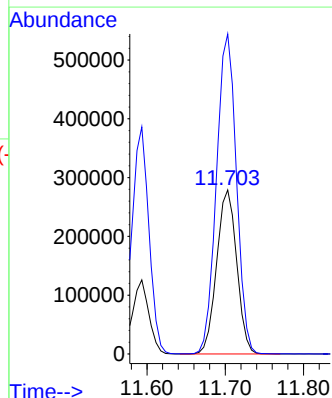
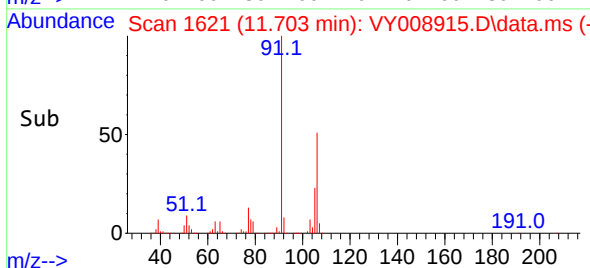
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

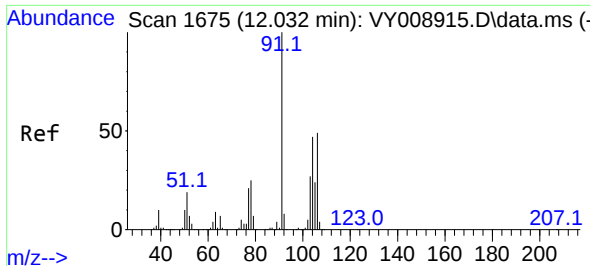


#68
m/p-Xylenes
Concen: 126.174 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



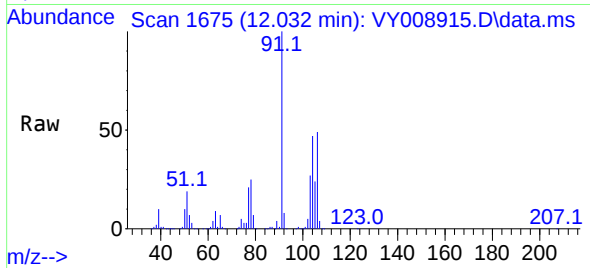
Tgt Ion:106 Resp: 495685
Ion Ratio Lower Upper
106 100
91 194.5 166.6 249.8





#69
o-Xylene
Concen: 62.961 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

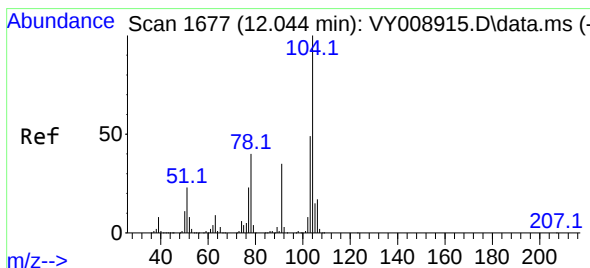
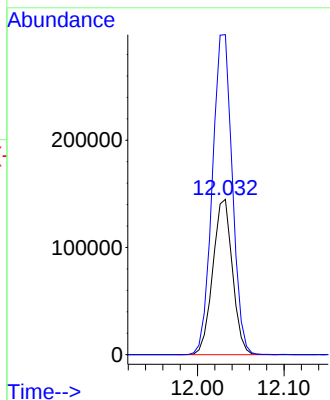
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 22833
Ion Ratio Lower Upper
106 100
91 209.2 110.3 331.0

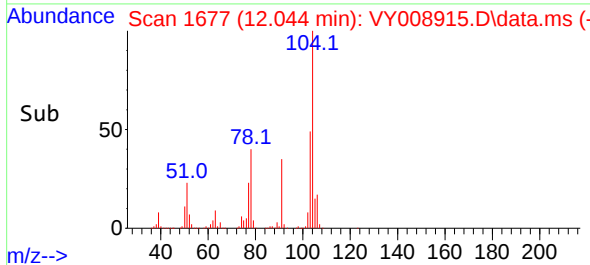
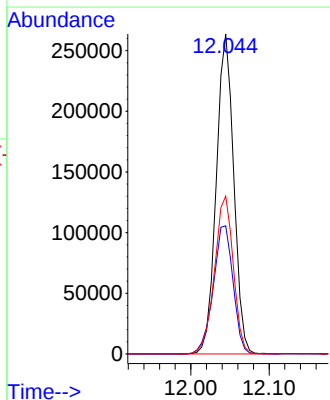
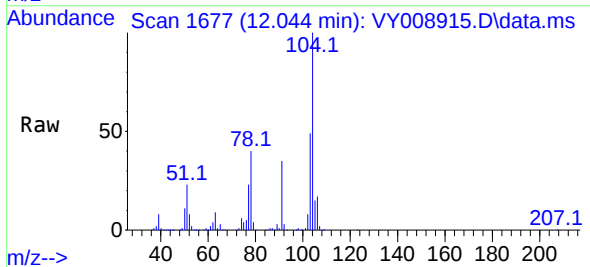
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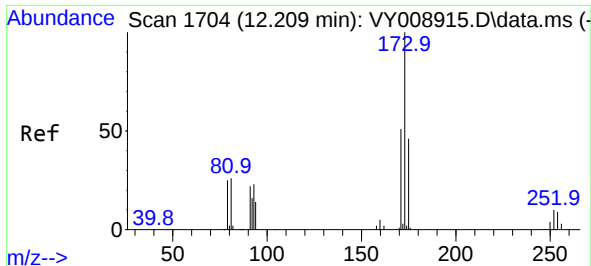
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 66.085 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:104 Resp: 408956
Ion Ratio Lower Upper
104 100
78 45.4 42.4 63.6
103 53.2 44.4 66.6





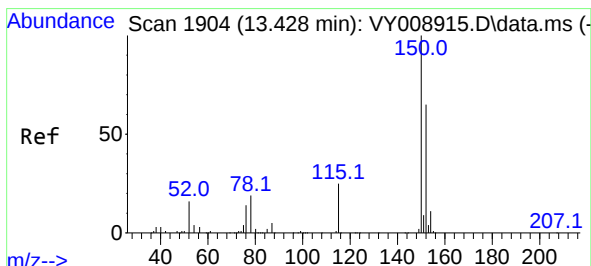
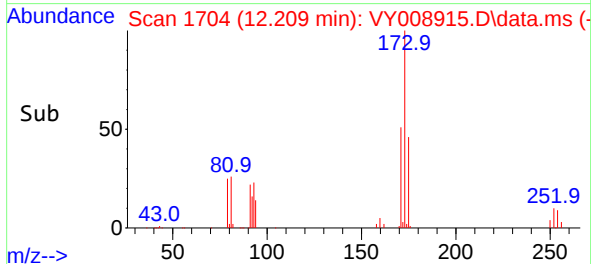
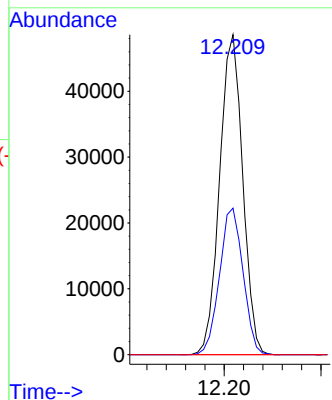
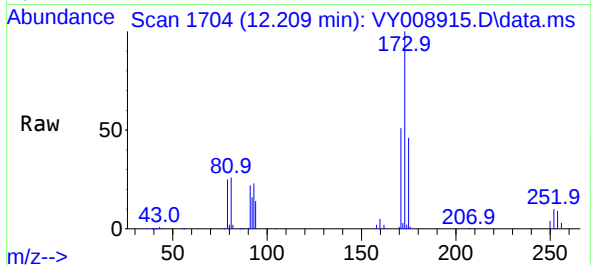
#71
Bromoform
Concen: 59.093 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 8025
Ion Ratio Lower Upper
173 100
175 46.7 24.6 74.0
254 0.0 0.0 0.0

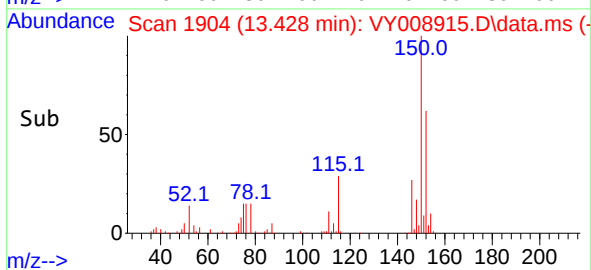
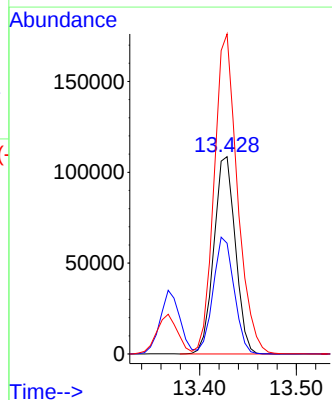
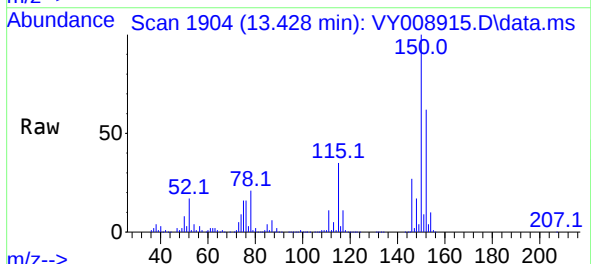
Manual Integrations
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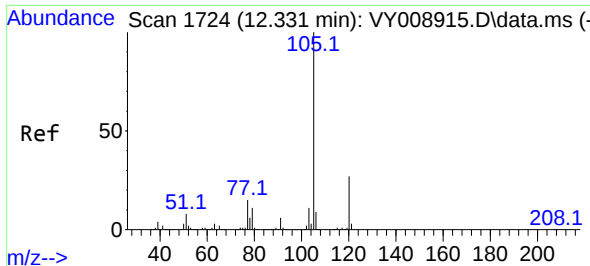
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

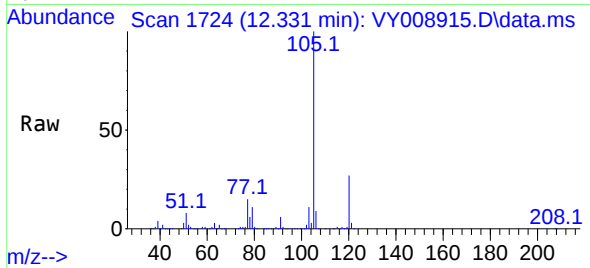
Tgt Ion:152 Resp: 167085
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 176.1 0.0 347.6





#73
Isopropylbenzene
Concen: 53.028 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

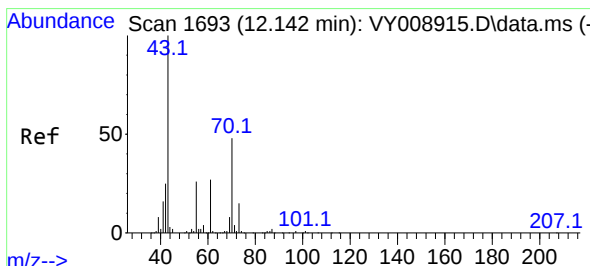
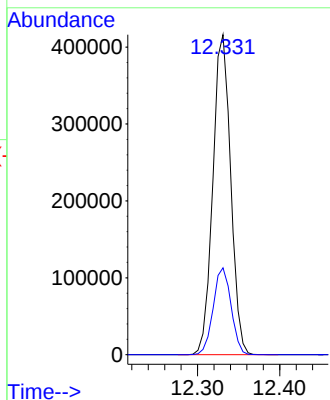
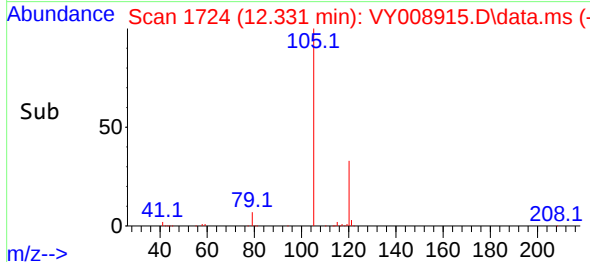
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



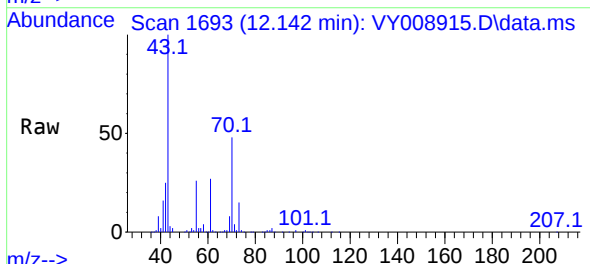
Tgt Ion:105 Resp: 62664
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

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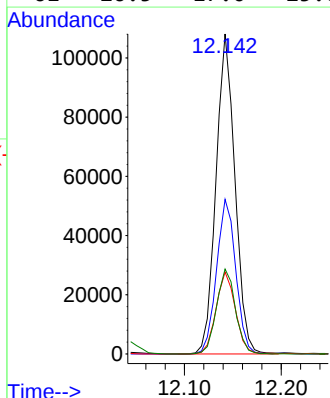
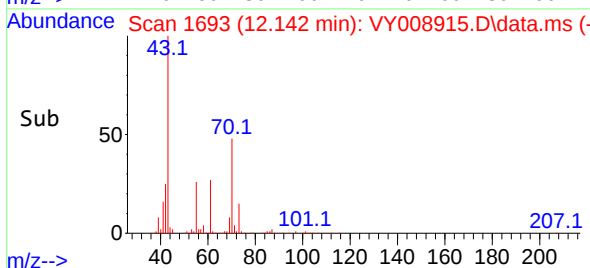
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

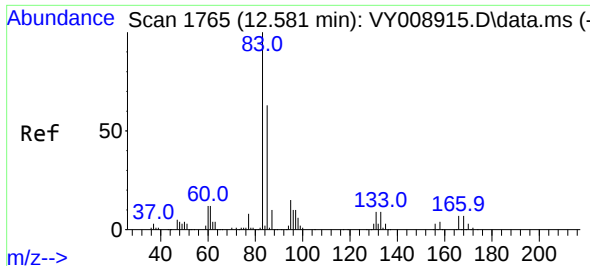


#74
N-ethyl acetate
Concen: 52.401 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



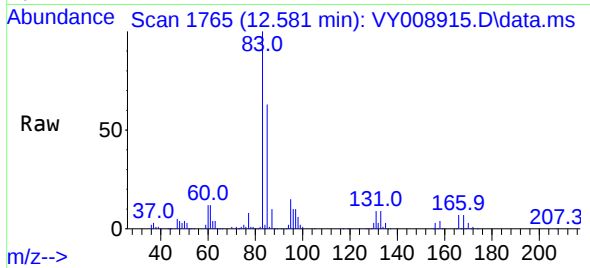
Tgt Ion: 43 Resp: 146917
Ion Ratio Lower Upper
43 100
70 48.9 28.7 43.1#
55 26.1 17.3 25.9#
61 26.5 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.789 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

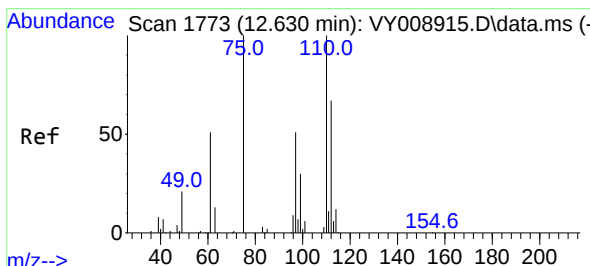
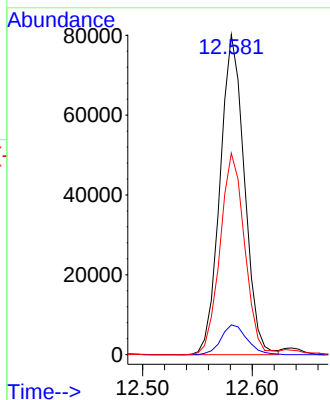
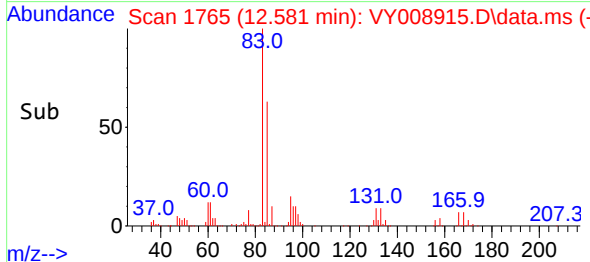
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



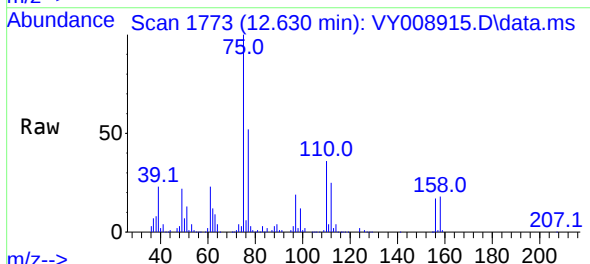
Tgt Ion: 83 Resp: 123875
Ion Ratio Lower Upper
83 100
131 9.9 5.6 16.8
85 63.6 32.3 96.8

Manual Integrations
APPROVED

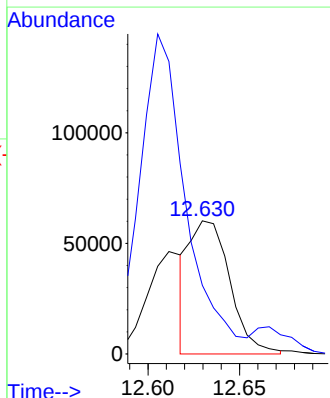
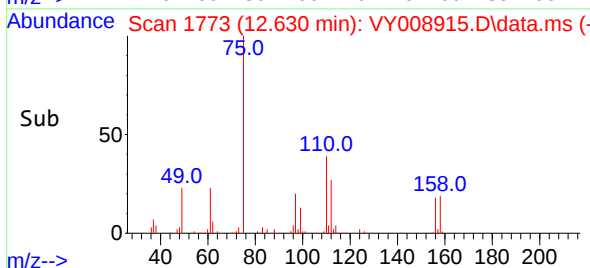
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

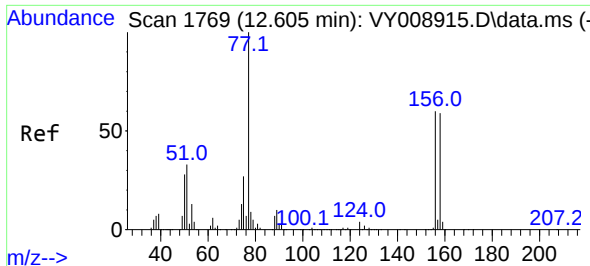


#76
1,2,3-Trichloropropane
Concen: 47.217 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



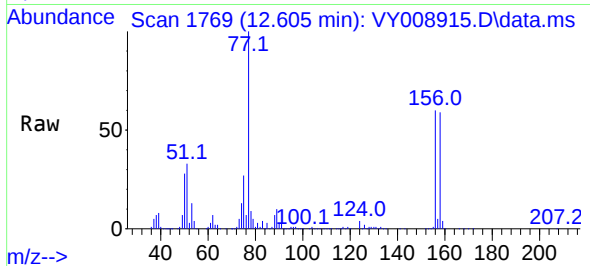
Tgt Ion: 75 Resp: 92388
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.504 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

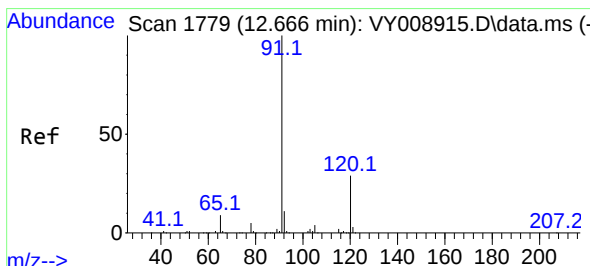
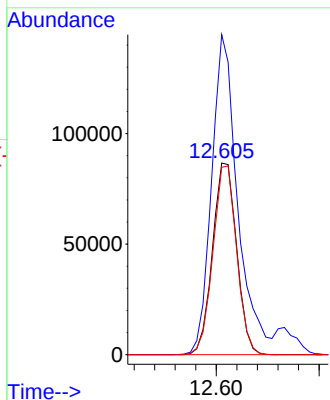
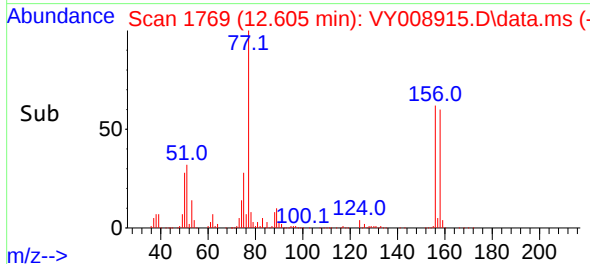
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



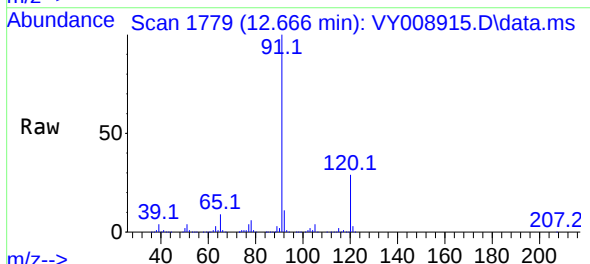
Tgt Ion: 156 Resp: 140952
Ion Ratio Lower Upper
156 100
77 180.6 95.5 286.4
158 97.0 48.0 144.0

Manual Integrations
APPROVED

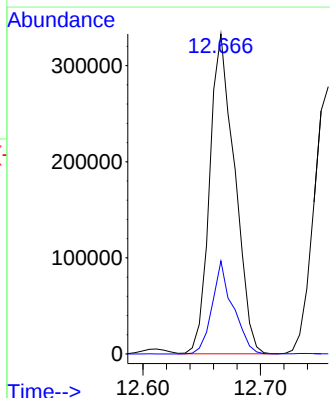
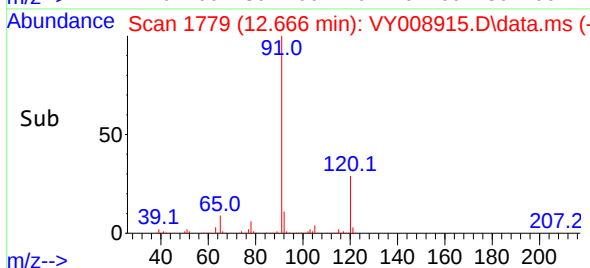
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

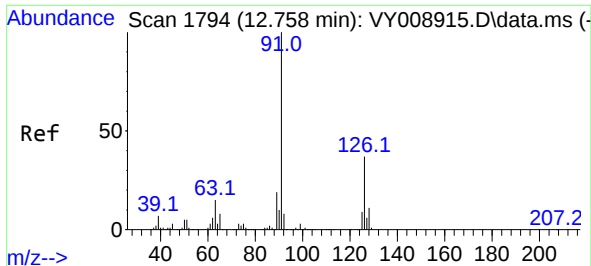


#78
n-propylbenzene
Concen: 36.305 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



Tgt Ion: 91 Resp: 491766
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9





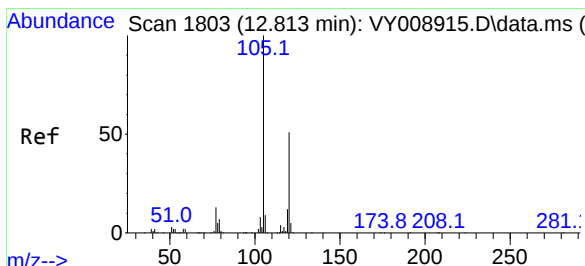
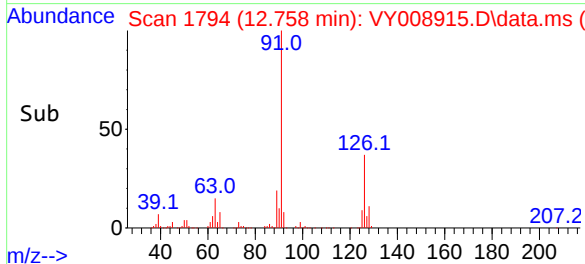
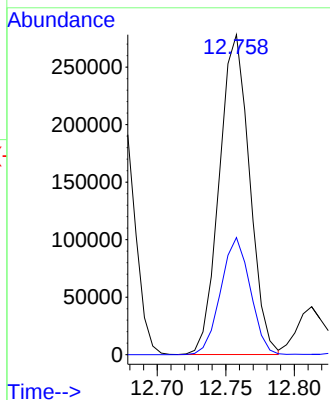
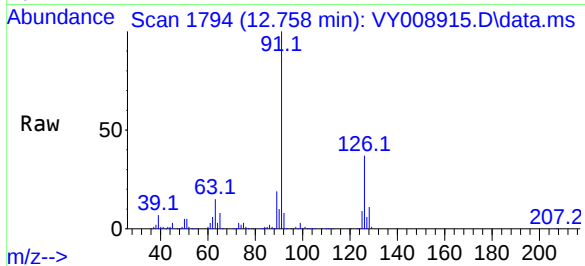
#79
2-Chlorotoluene
Concen: 54.242 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 426884
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.6

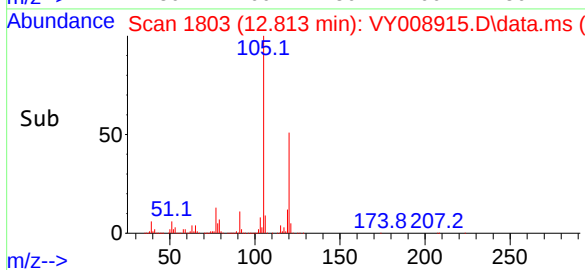
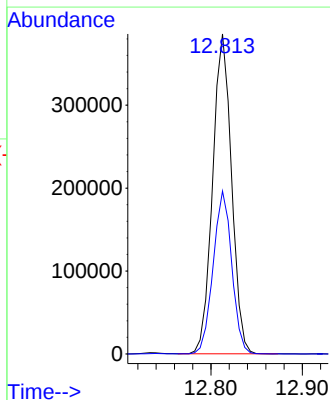
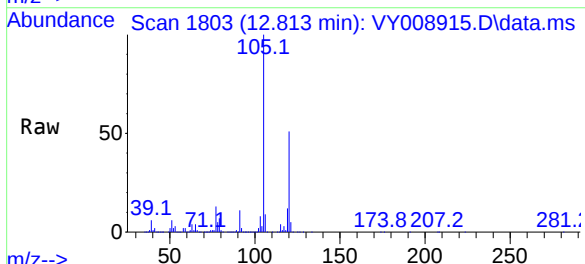
Manual Integrations
APPROVED

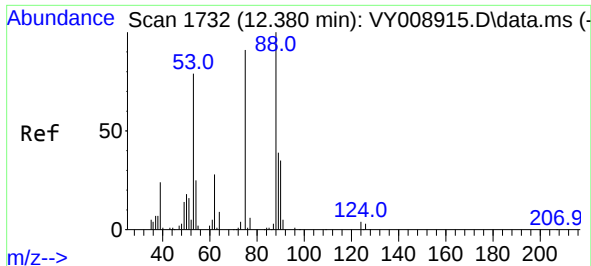
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 57.707 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

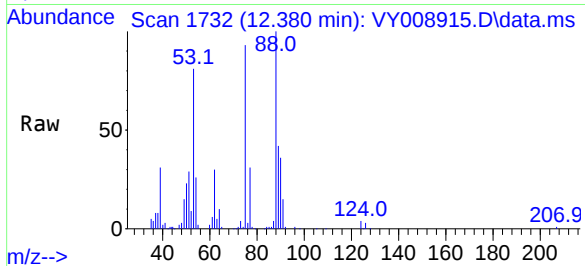
Tgt Ion:105 Resp: 553811
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.616 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

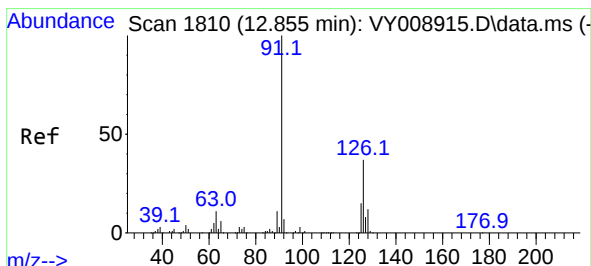
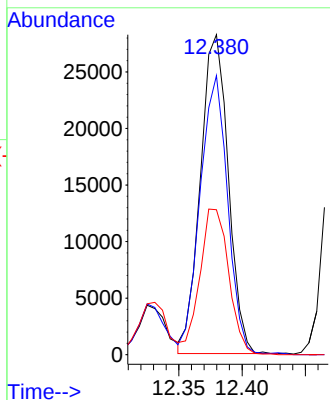
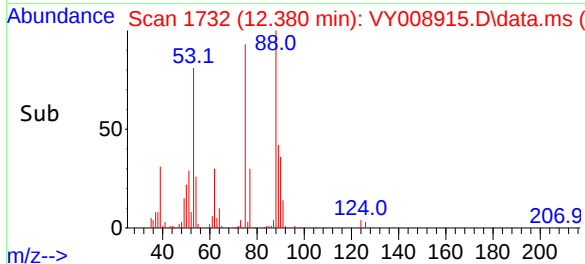
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



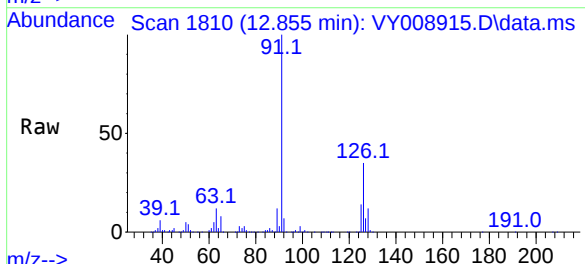
Tgt Ion: 75 Resp: 43204
Ion Ratio Lower Upper
75 100
53 87.1 85.3 127.9
89 47.7 37.0 55.4

Manual Integrations
APPROVED

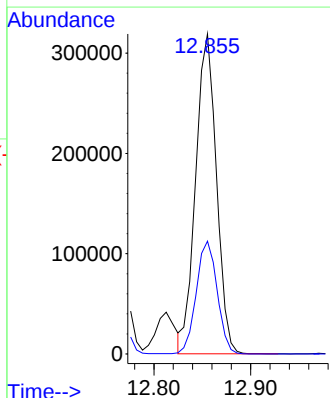
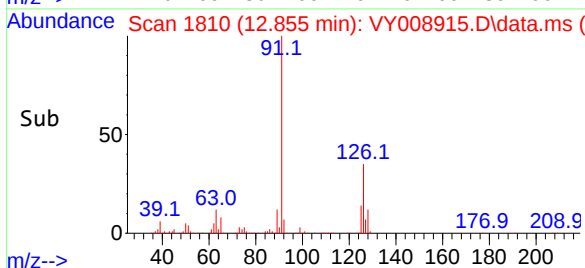
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

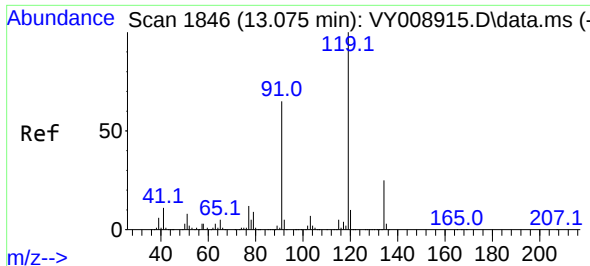


#82
4-Chlorotoluene
Concen: 57.177 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



Tgt Ion: 91 Resp: 476972
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0





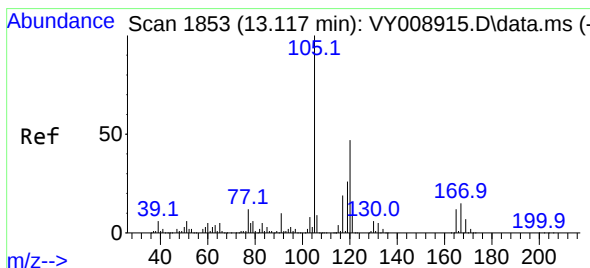
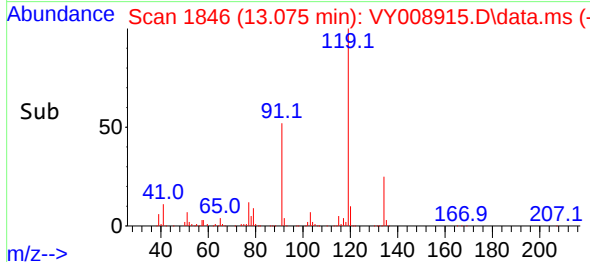
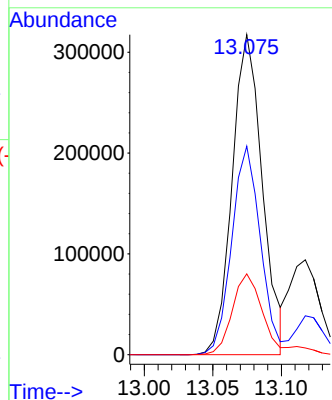
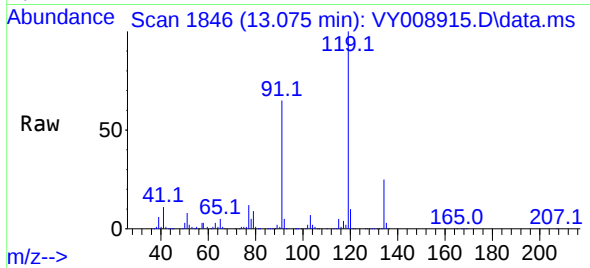
#83
tert-Butylbenzene
Concen: 56.520 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 48597
Ion Ratio Lower Upper
119 100
91 61.9 34.8 104.4
134 26.8 13.3 39.9

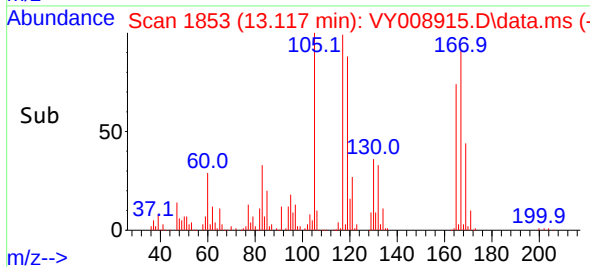
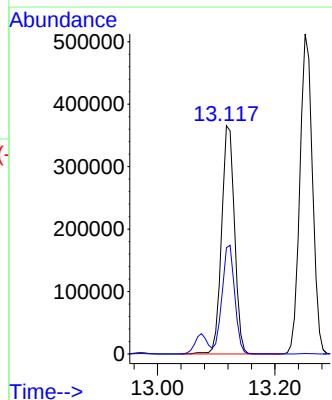
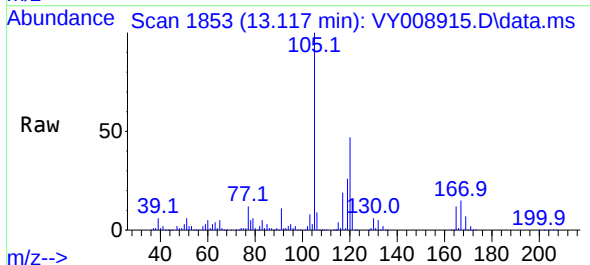
Manual Integrations
APPROVED

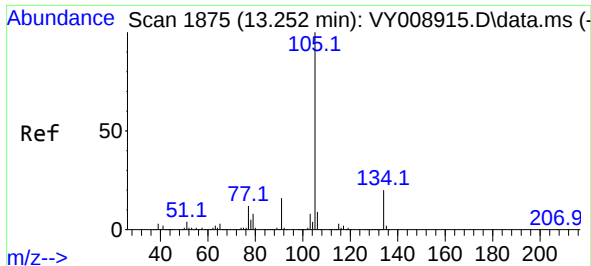
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 58.583 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

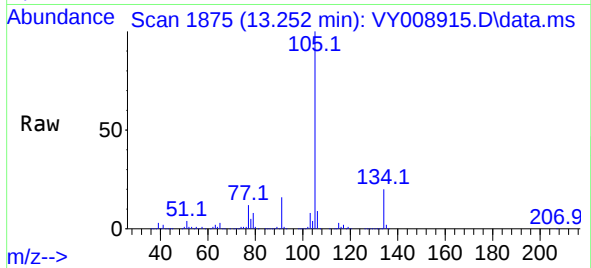
Tgt Ion:105 Resp: 557534
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 56.747 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47

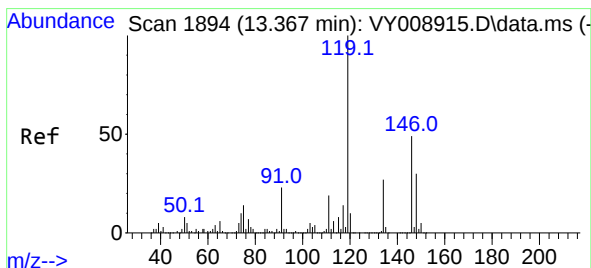
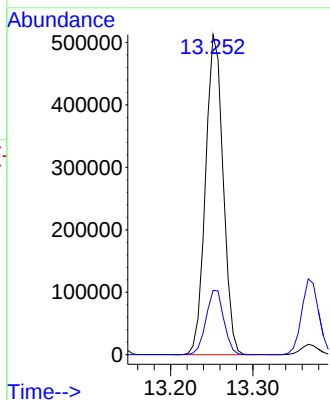
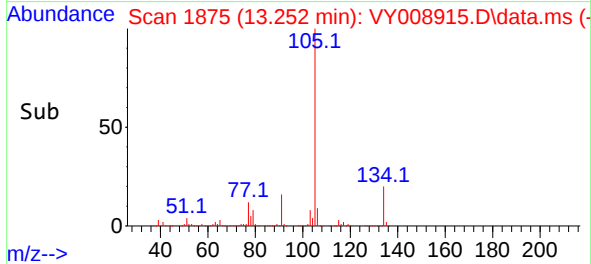
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



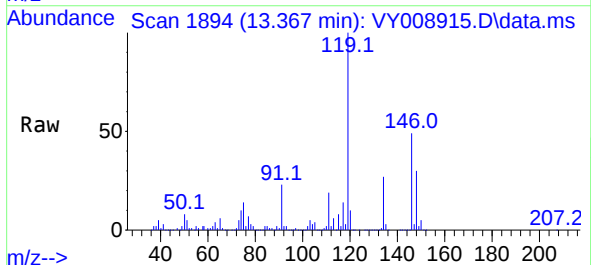
Tgt Ion:105 Resp: 76043
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

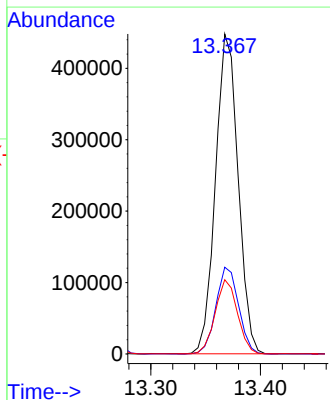
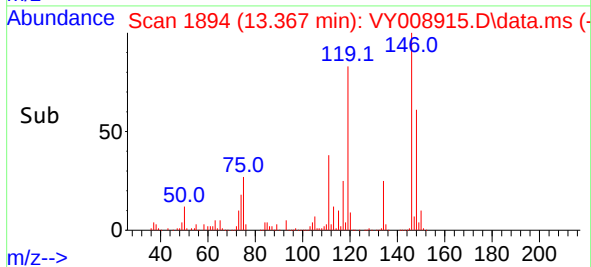
Reviewed By :John Carlone 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

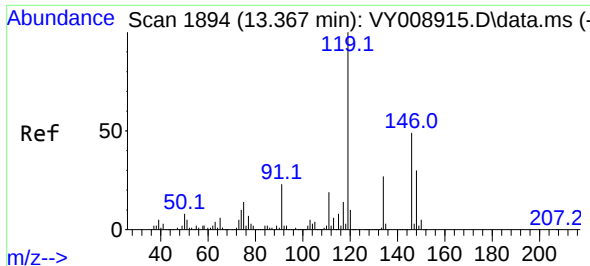


#86
 p-Isopropyltoluene
 Concen: 58.668 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008915.D
 Acq: 20 May 2022 19:47



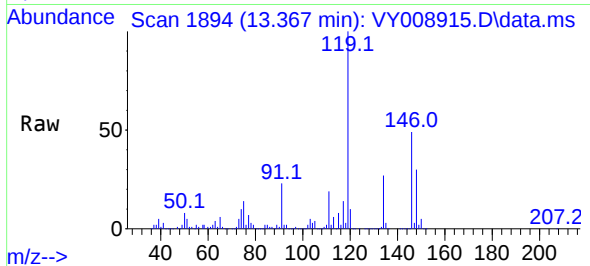
Tgt Ion:119 Resp: 642366
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.2 39.5
 91 22.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 55.962 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

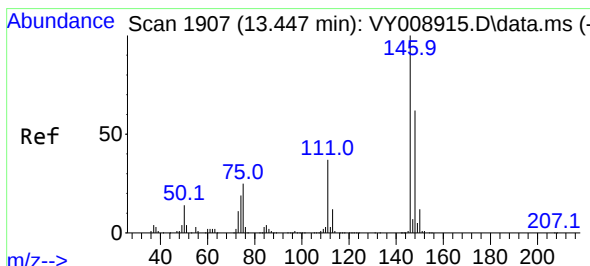
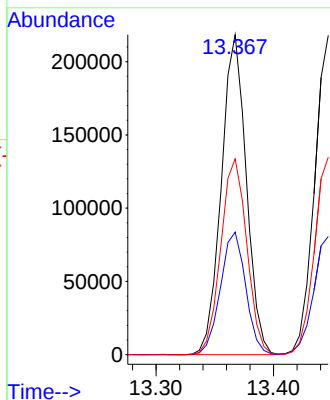
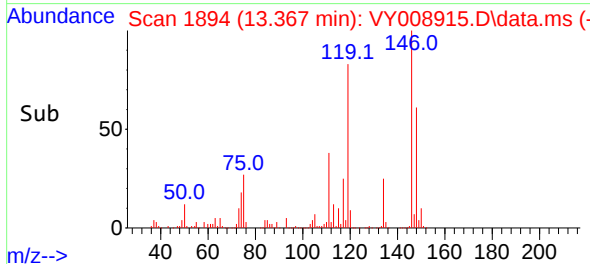
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



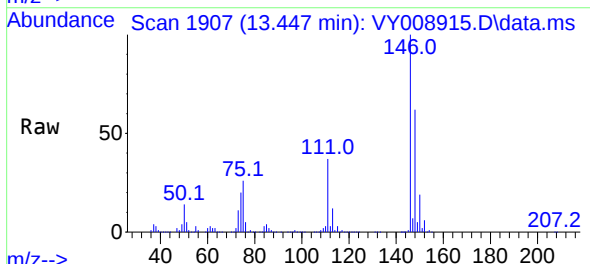
Tgt Ion:146 Resp: 322724
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 63.7 31.6 95.0

Manual Integrations
APPROVED

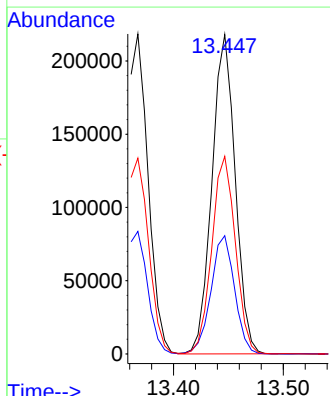
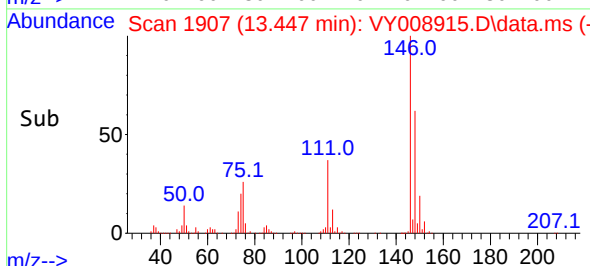
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

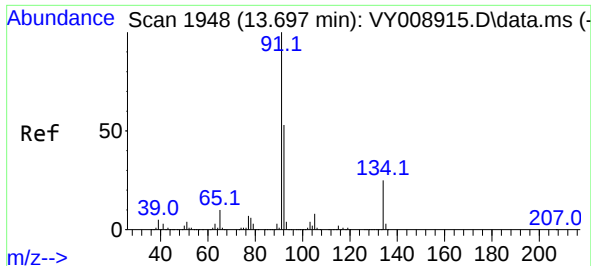


#88
1,4-Dichlorobenzene
Concen: 56.509 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



Tgt Ion:146 Resp: 322081
Ion Ratio Lower Upper
146 100
111 37.7 19.3 57.8
148 62.9 32.6 97.8





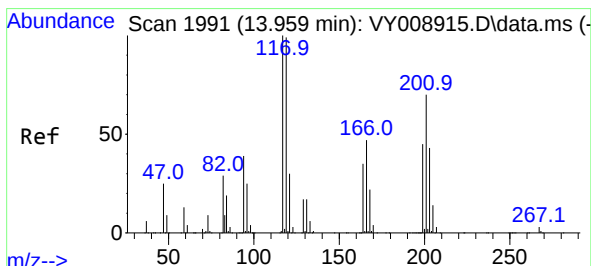
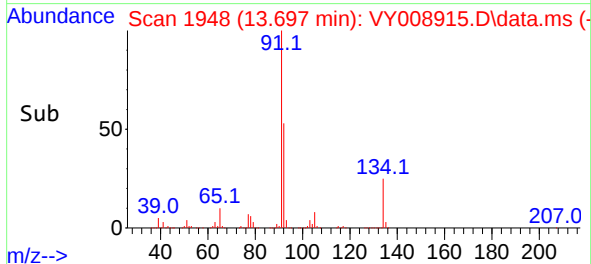
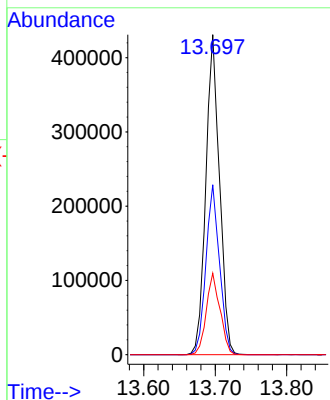
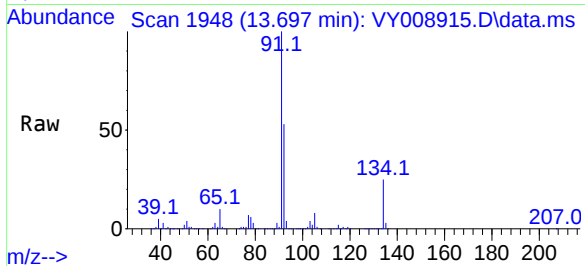
#89
n-Butylbenzene
Concen: 55.584 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 573352
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 25.5 13.0 38.9

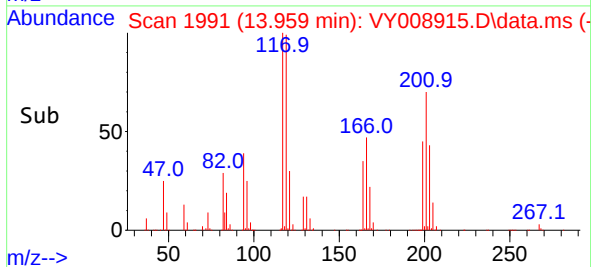
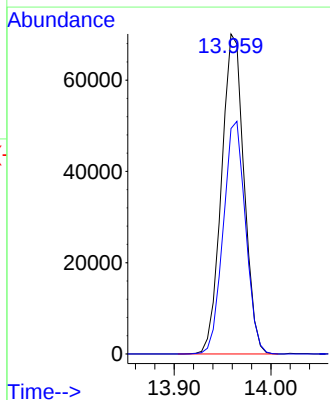
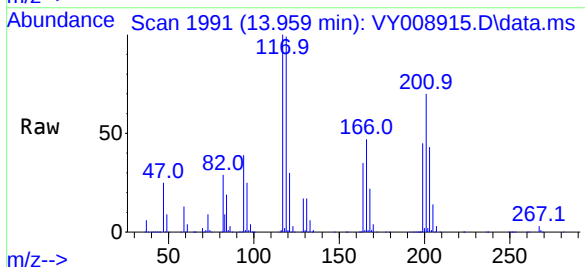
Manual Integrations
APPROVED

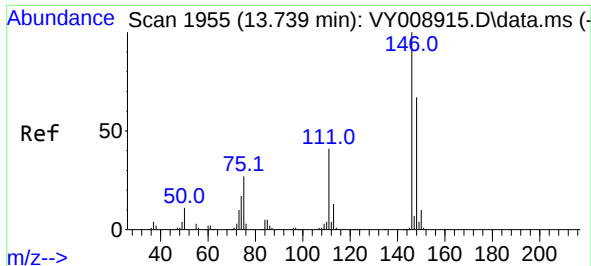
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 54.797 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

Tgt Ion:117 Resp: 113213
Ion Ratio Lower Upper
117 100
201 71.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 55.638 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 27978

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

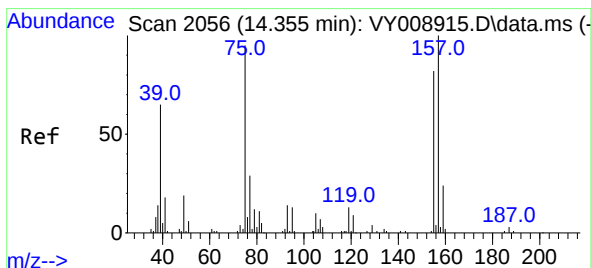
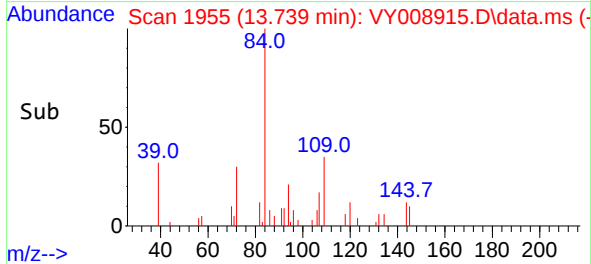
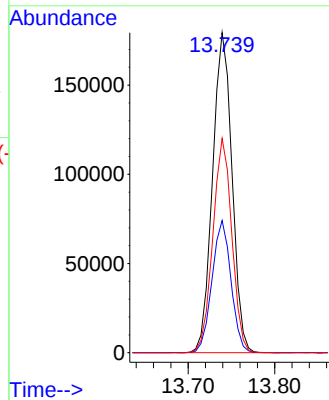
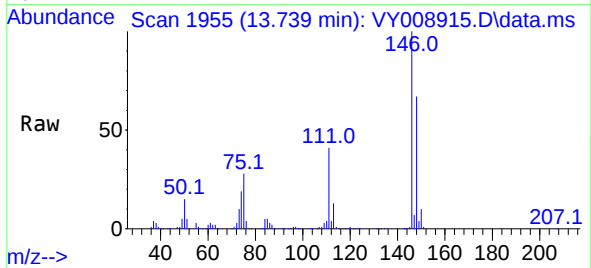
148 65.4 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/24/2022

Supervised By :Mahesh Dadoda 05/24/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.566 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY008915.D

Acq: 20 May 2022 19:47

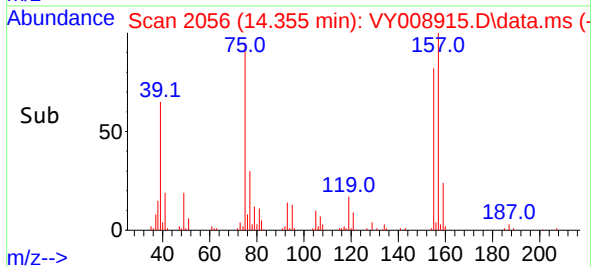
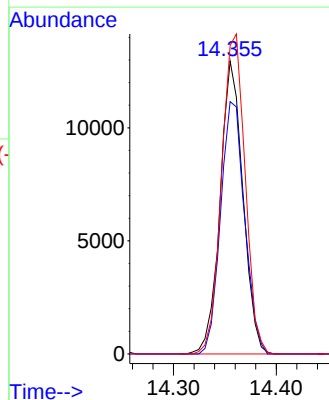
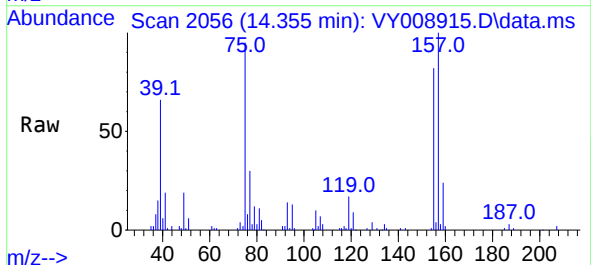
Tgt Ion: 75 Resp: 19918

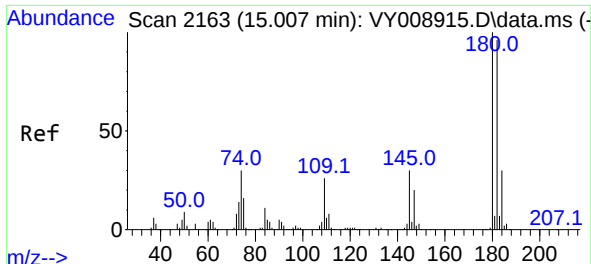
Ion Ratio Lower Upper

75 100

155 90.4 38.0 113.9

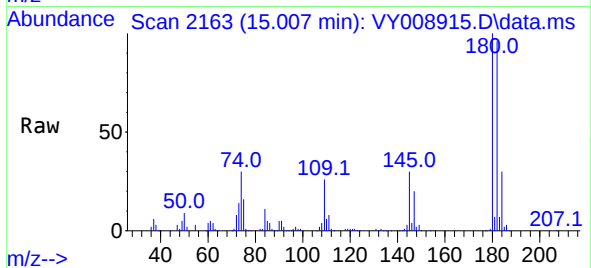
157 112.9 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 53.194 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

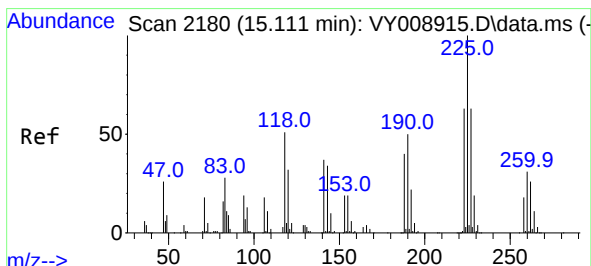
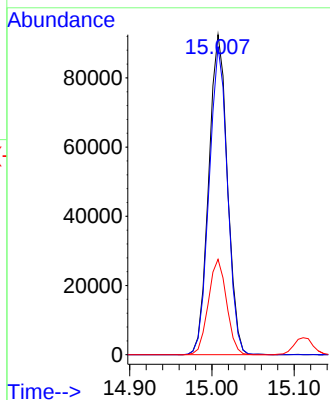
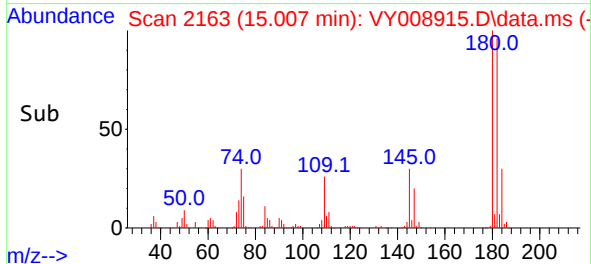
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



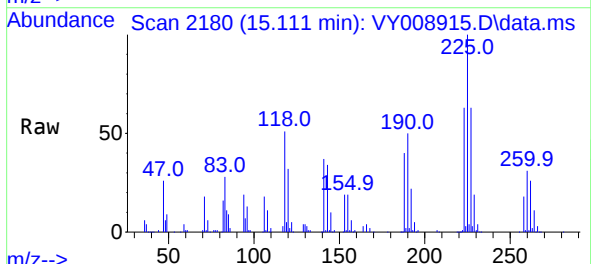
Tgt Ion:180 Resp: 145948
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 29.1 14.6 43.8

Manual Integrations
APPROVED

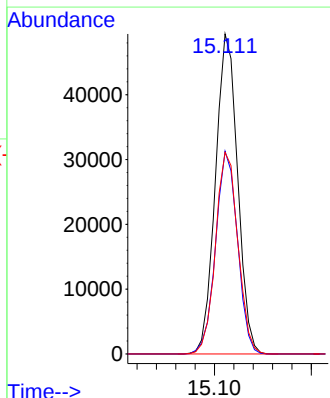
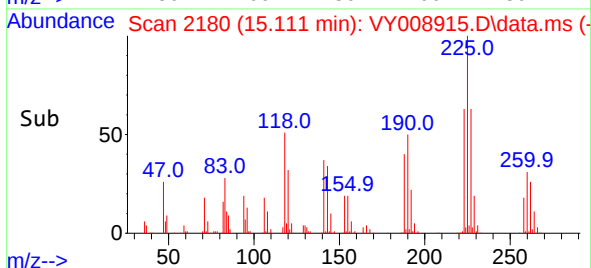
Reviewed By :John Carlone 05/24/2022
Supervised By :Mahesh Dadoda 05/24/2022

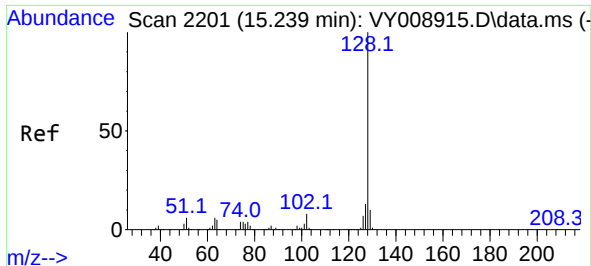


#94
Hexachlorobutadiene
Concen: 50.094 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



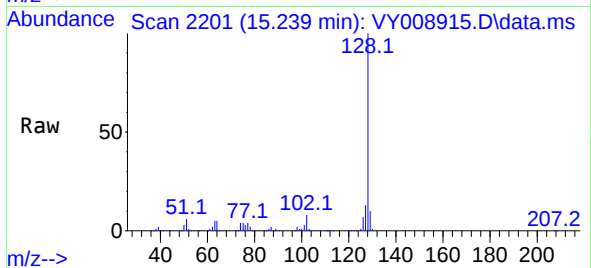
Tgt Ion:225 Resp: 78547
Ion Ratio Lower Upper
225 100
223 62.4 30.8 92.3
227 63.6 31.6 94.7





#95
Naphthalene
Concen: 50.058 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47

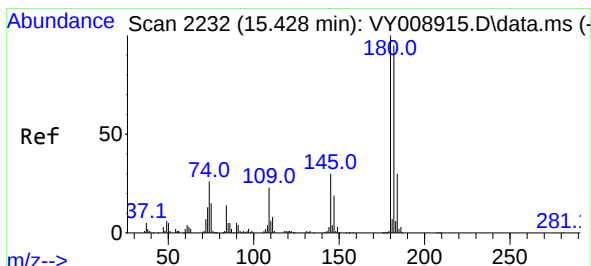
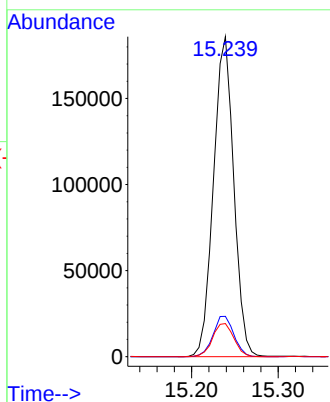
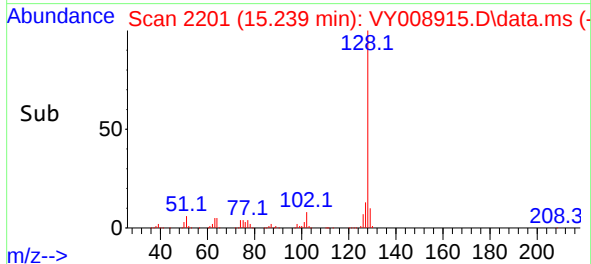
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



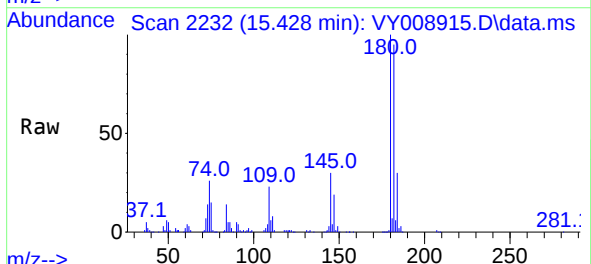
Tgt Ion:128 Resp: 30209
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.280 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY008915.D
Acq: 20 May 2022 19:47



Tgt Ion:180 Resp: 125642
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.9
145 31.2 15.3 45.9

