

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008305.D
 Acq On : 13 Apr 2022 12:03
 Operator : KP/MD
 Sample : VY0413SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 05:55:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52892	40.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.980%		
35) Dibromofluoromethane	7.716	113	51802	37.826	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.660%		
50) Toluene-d8	10.179	98	175742	37.503	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.000%		
62) 4-Bromofluorobenzene	12.483	95	65915	37.398	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	74.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21857	18.977	ug/l	97
3) Chloromethane	2.113	50	28066	17.944	ug/l	99
4) Vinyl Chloride	2.253	62	37785	19.071	ug/l	98
5) Bromomethane	2.644	94	35112	20.097	ug/l	97
6) Chloroethane	2.790	64	26258	18.922	ug/l	98
7) Trichlorofluoromethane	3.125	101	45741	19.402	ug/l	92
8) Diethyl Ether	3.534	74	14831	17.407	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	29034	18.959	ug/l	95
10) Methyl Iodide	4.094	142	29573	18.845	ug/l	92
11) Tert butyl alcohol	4.960	59	13638	97.651	ug/l	98
12) 1,1-Dichloroethene	3.875	96	25797	18.806	ug/l	84
13) Acrolein	3.735	56	6245	56.790	ug/l	99
14) Allyl chloride	4.479	41	33408	18.661	ug/l #	90
15) Acrylonitrile	5.161	53	37601	90.232	ug/l	99
16) Acetone	3.942	43	28368	90.283	ug/l	92
17) Carbon Disulfide	4.192	76	67767	18.726	ug/l	97
18) Methyl Acetate	4.472	43	17956	19.829	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	75920	17.934	ug/l #	90
20) Methylene Chloride	4.710	84	33348	14.595	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	31496	19.164	ug/l #	81
22) Diisopropyl ether	6.119	45	78165	18.506	ug/l #	91
23) Vinyl Acetate	6.058	43	246672	90.133	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	51859	19.128	ug/l	98
25) 2-Butanone	6.984	43	45877	93.375	ug/l #	71
26) 2,2-Dichloropropane	6.984	77	48250	19.325	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	36127	18.527	ug/l	83
28) Bromochloromethane	7.332	49	16553	15.929	ug/l #	73
29) Tetrahydrofuran	7.344	42	29907	94.280	ug/l #	71
30) Chloroform	7.508	83	56530	18.673	ug/l	100
31) Cyclohexane	7.783	56	45897	19.429	ug/l #	77
32) 1,1,1-Trichloroethane	7.697	97	50806	19.185	ug/l	95
36) 1,1-Dichloropropene	7.917	75	42087	19.246	ug/l	96
37) Ethyl Acetate	7.070	43	21407	18.985	ug/l #	91
38) Carbon Tetrachloride	7.905	117	44380	18.864	ug/l	93
39) Methylcyclohexane	9.185	83	55105	19.584	ug/l	87
40) Benzene	8.161	78	123256	18.927	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	11997m	19.018	ug/l	
42) 1,2-Dichloroethane	8.240	62	35350	18.711	ug/l	91
43) Isopropyl Acetate	8.271	43	38083	18.198	ug/l #	84
44) Trichloroethene	8.941	130	34468	18.572	ug/l	94
45) 1,2-Dichloropropane	9.216	63	29619	18.619	ug/l	96
46) Dibromomethane	9.307	93	19019	18.063	ug/l	94
47) Bromodichloromethane	9.496	83	43038	18.176	ug/l	96
48) Methyl methacrylate	9.295	41	16226	18.239	ug/l #	74
49) 1,4-Dioxane	9.301	88	5372	395.361	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	103027	95.342	ug/l #	84
52) Toluene	10.246	92	82026	19.118	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	44095	18.272	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	50069	18.391	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	27558	18.348	ug/l	94
56) Ethyl methacrylate	10.508	69	33608	18.251	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	43919	18.210	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	64749	89.268	ug/l	90
59) 2-Hexanone	10.831	43	71960	96.778	ug/l	79
60) Dibromochloromethane	10.983	129	30777	17.542	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26269	17.889	ug/l	97
64) Tetrachloroethene	10.721	164	29441	19.239	ug/l	97
65) Chlorobenzene	11.514	112	88369	18.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32145	18.295	ug/l	97
67) Ethyl Benzene	11.593	91	154419	19.285	ug/l	97
68) m/p-Xylenes	11.703	106	123961	38.927	ug/l	90
69) o-Xylene	12.032	106	59009	19.095	ug/l	91
70) Styrene	12.044	104	94873	18.615	ug/l	96
71) Bromoform	12.209	173	18133	17.121	ug/l #	99
73) Isopropylbenzene	12.331	105	156308	20.641	ug/l	100
74) N-amyl acetate	12.148	43	34670	21.087	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	32084	20.023	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	20673m	18.351	ug/l	
77) Bromobenzene	12.611	156	35138	18.935	ug/l	95
78) n-propylbenzene	12.672	91	185453	20.754	ug/l	99
79) 2-Chlorotoluene	12.758	91	100570	20.054	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	126691	20.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10202	20.263	ug/l #	84
82) 4-Chlorotoluene	12.855	91	105055	20.385	ug/l	96
83) tert-Butylbenzene	13.075	119	113257	20.331	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	123799	20.145	ug/l	95
85) sec-Butylbenzene	13.257	105	170782	20.679	ug/l	100
86) p-Isopropyltoluene	13.373	119	138539	20.102	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	69843	19.004	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	68992	18.967	ug/l	99
89) n-Butylbenzene	13.696	91	129734	20.835	ug/l	99
90) Hexachloroethane	13.965	117	25183	19.550	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	61822	18.907	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4430	19.323	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	35263	18.234	ug/l	98
94) Hexachlorobutadiene	15.117	225	18771	19.119	ug/l	97
95) Naphthalene	15.239	128	75596	18.248	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	30076	17.771	ug/l	97

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ClientSampleId :
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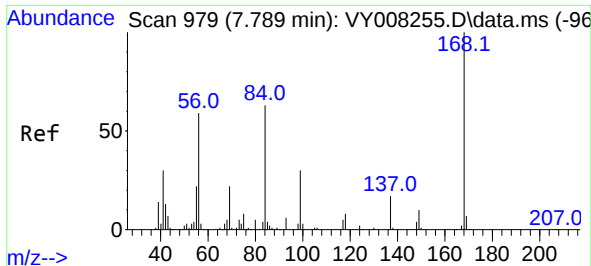
Manual Integrations
APPROVED

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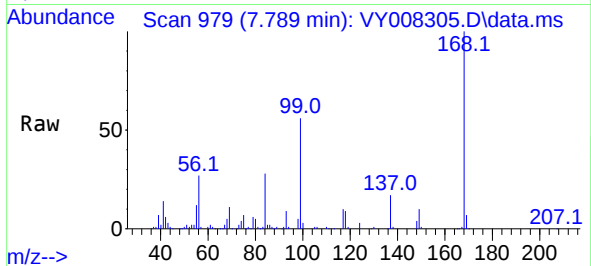
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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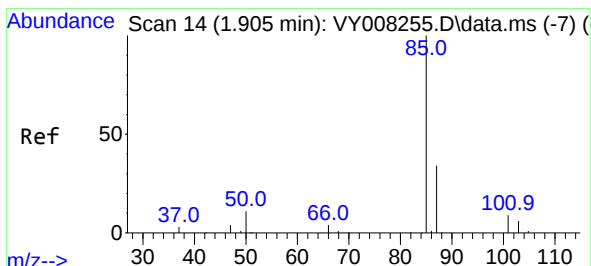
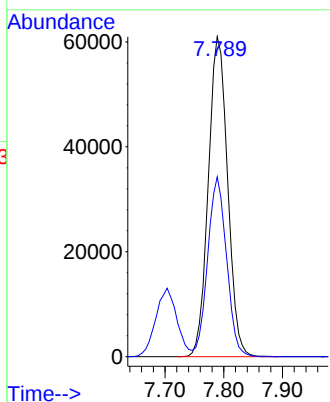
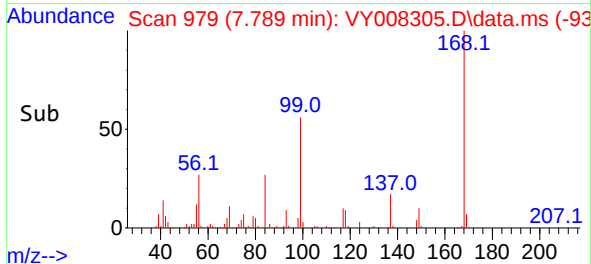
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



Tgt Ion:168 Resp: 139075
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3

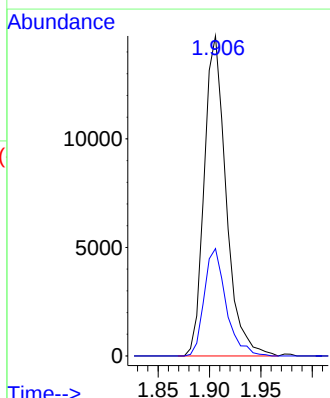
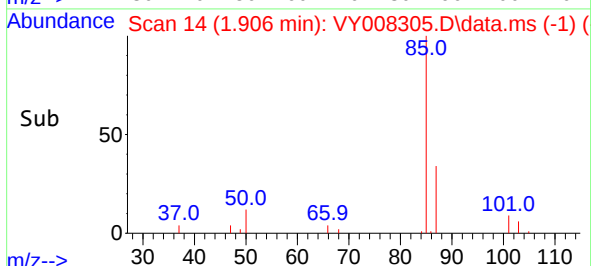
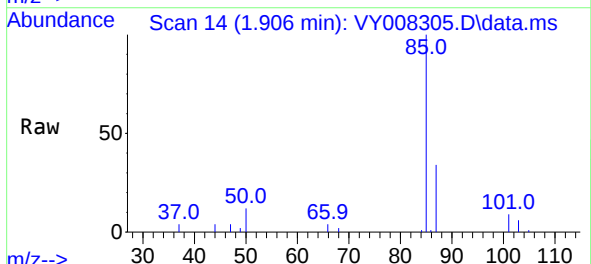
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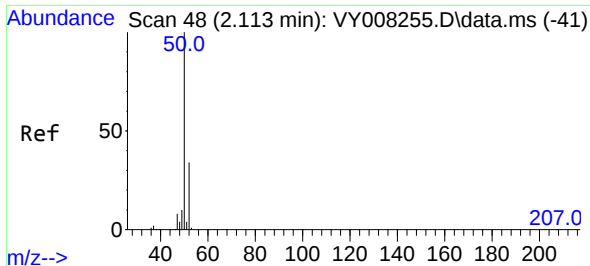
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#2
Dichlorodifluoromethane
Concen: 18.977 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

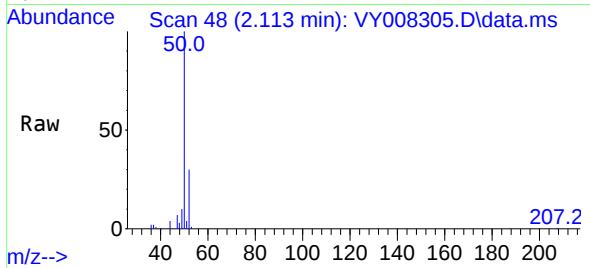
Tgt Ion: 85 Resp: 21857
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2





#3
Chloromethane
Concen: 17.944 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

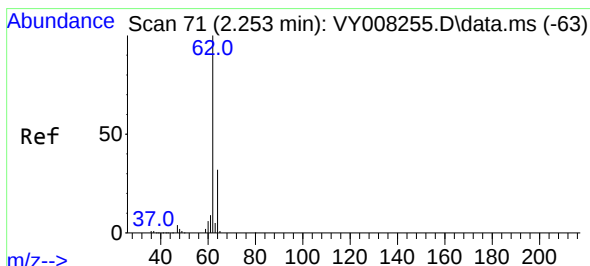
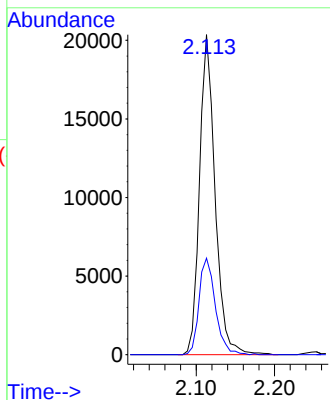
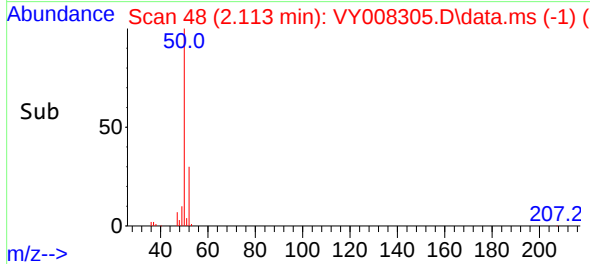
Instrument :
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ClientSampleId :
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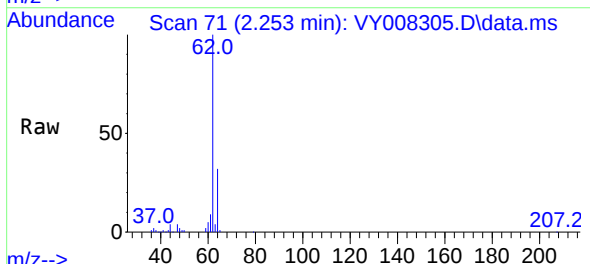
Tgt Ion: 50 Resp: 2806
Ion Ratio Lower Upper
50 100
52 30.2 24.6 37.0

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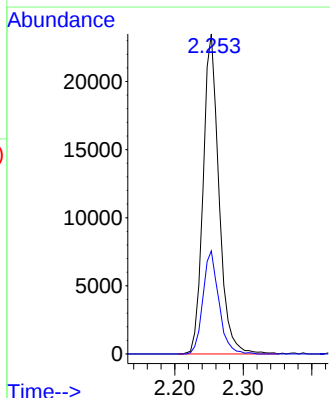
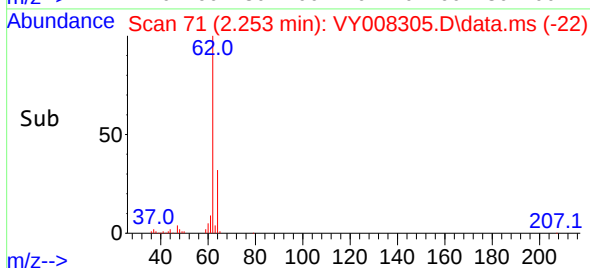
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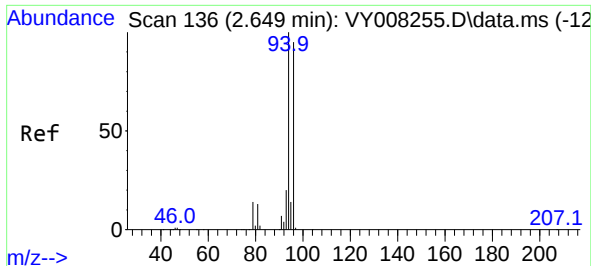


#4
Vinyl Chloride
Concen: 19.071 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



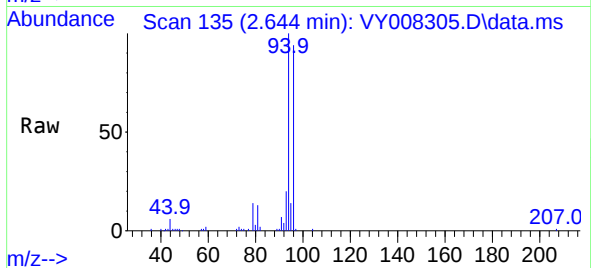
Tgt Ion: 62 Resp: 37785
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6





#5
Bromomethane
Concen: 20.097 ug/l
RT: 2.644 min Scan# 111
Delta R.T. -0.005 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

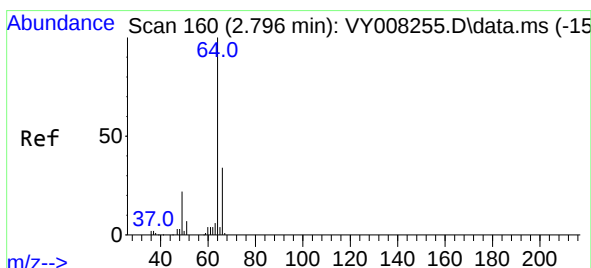
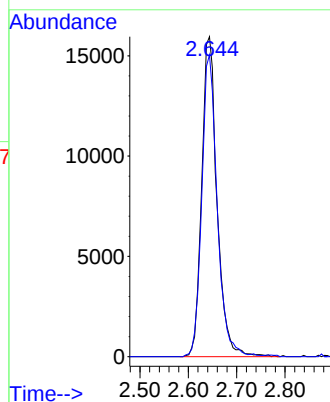
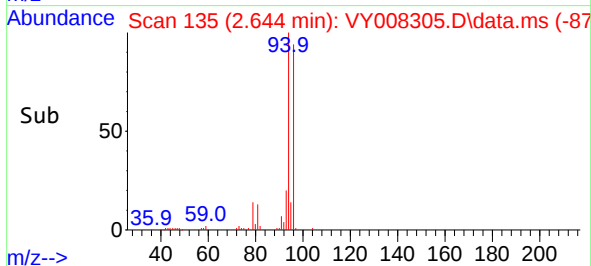
Instrument :
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Tgt Ion: 94 Resp: 3511
Ion Ratio Lower Upper
94 100
96 94.3 73.5 110.3

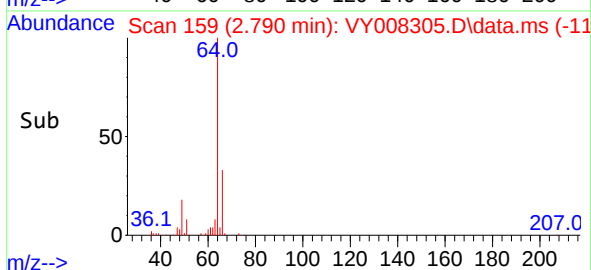
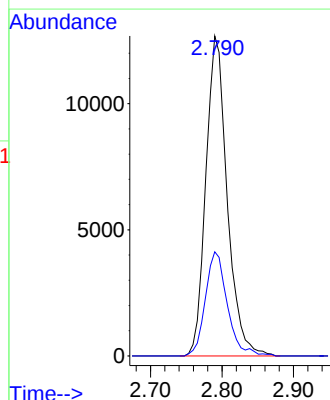
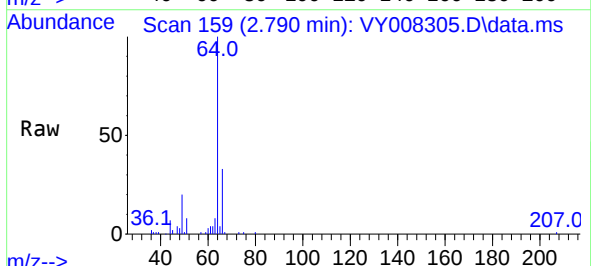
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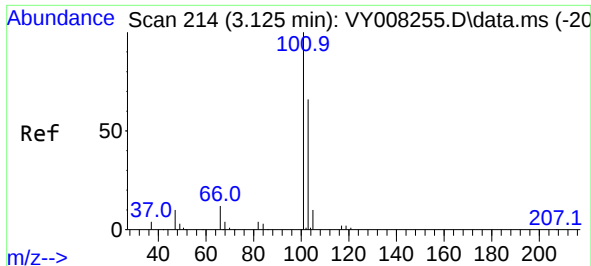
Reviewed By :John Carlone 04/14/2022
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#6
Chloroethane
Concen: 18.922 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008305.D
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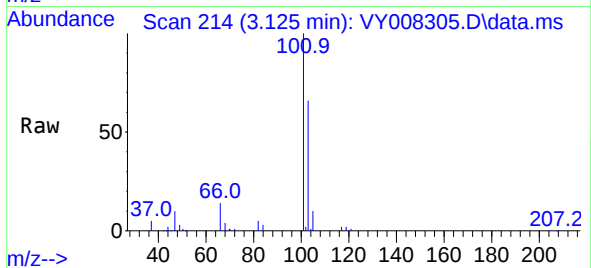
Tgt Ion: 64 Resp: 26258
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 19.402 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03

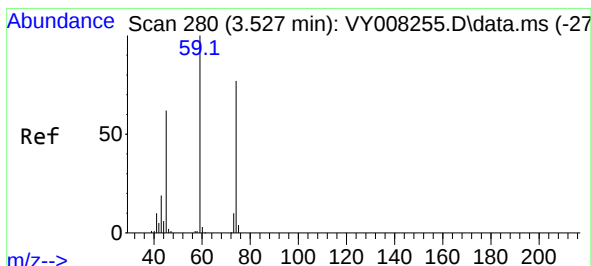
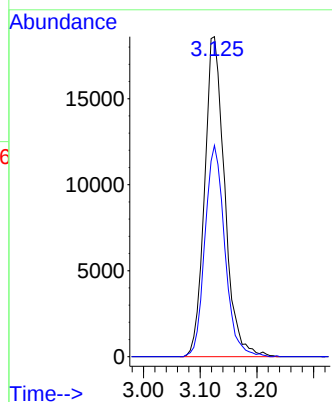
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01



Tgt Ion: 101 Resp: 4574
 Ion Ratio Lower Upper
 101 100
 103 66.0 48.0 72.0

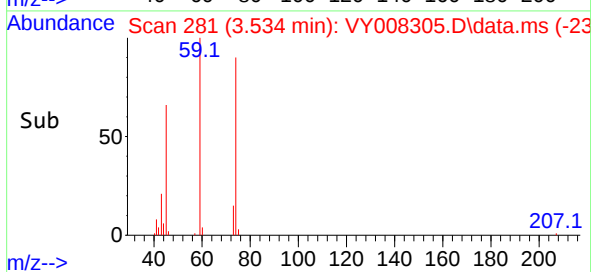
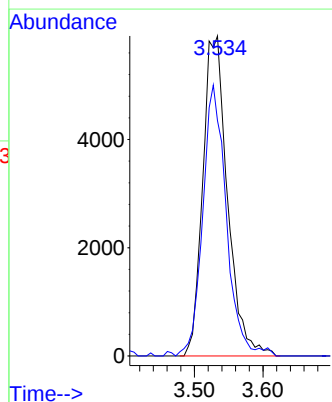
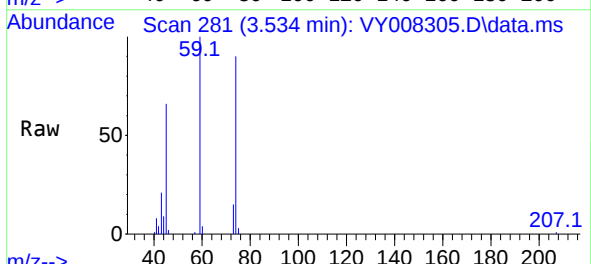
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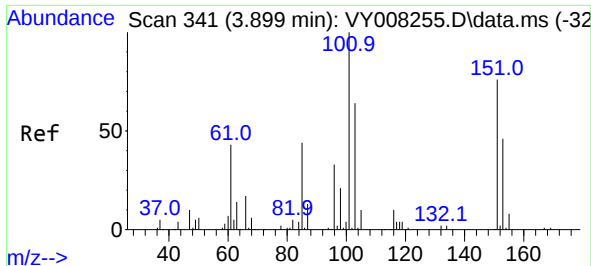
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#8
 Diethyl Ether
 Concen: 17.407 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 14831
 Ion Ratio Lower Upper
 74 100
 45 79.7 55.1 165.5





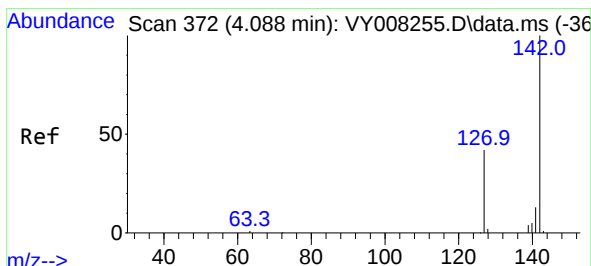
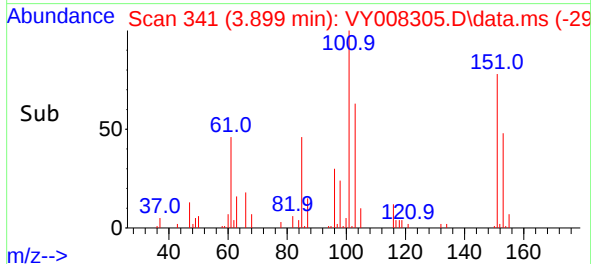
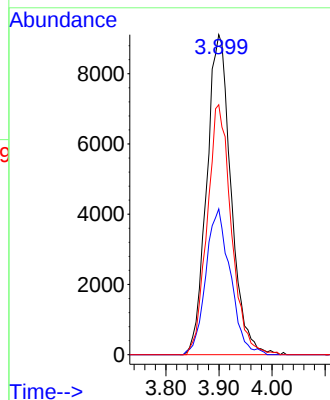
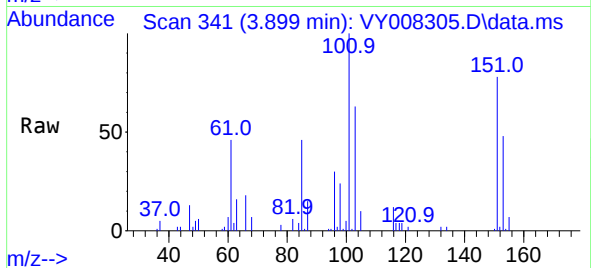
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.959 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion:101 Resp: 29034
Ion Ratio Lower Upper
101 100
85 46.1 40.6 60.8
151 77.6 64.9 97.3

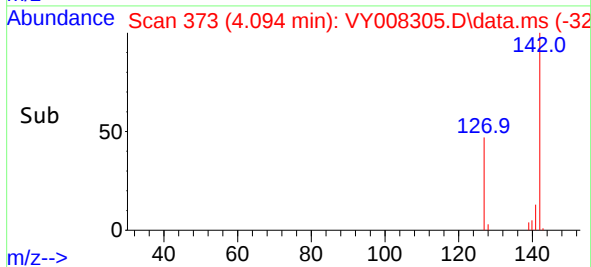
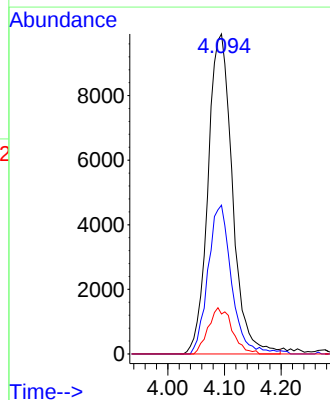
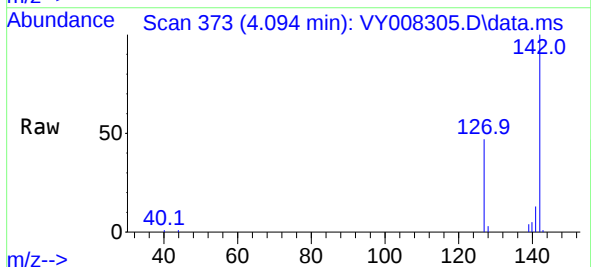
Manual Integrations
APPROVED

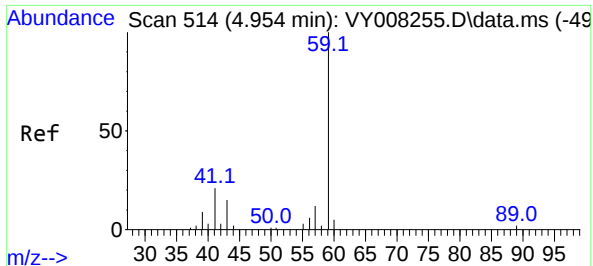
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#10
Methyl Iodide
Concen: 18.845 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

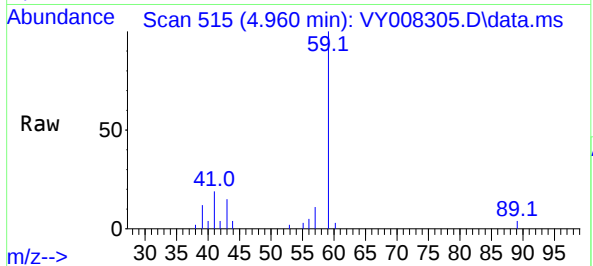
Tgt Ion:142 Resp: 29573
Ion Ratio Lower Upper
142 100
127 45.3 41.5 62.3
141 14.1 11.9 17.9





#11
Tert butyl alcohol
Concen: 97.651 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

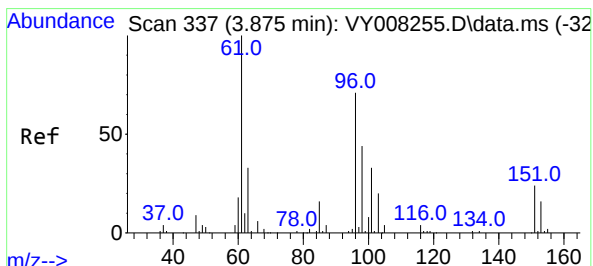
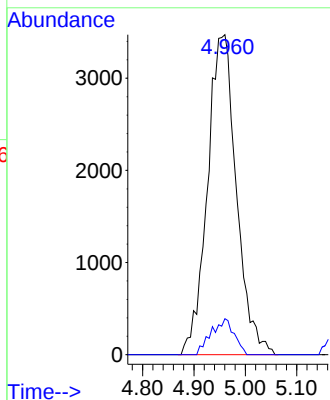
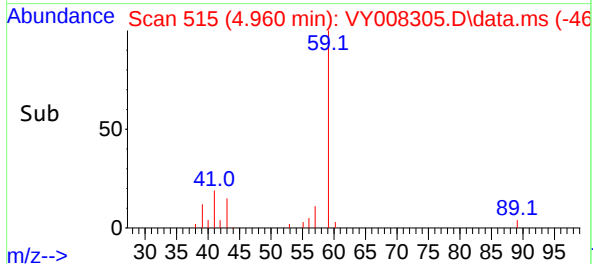
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



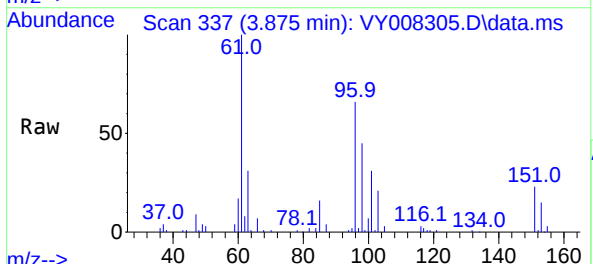
Tgt Ion: 59 Resp: 13638
Ion Ratio Lower Upper
59 100
57 8.9 6.4 9.6

Manual Integrations
APPROVED

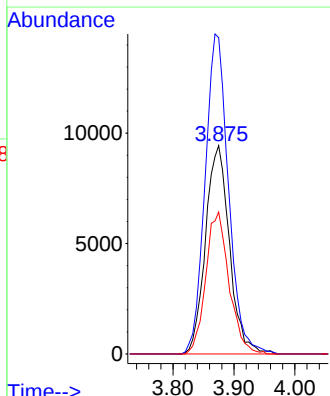
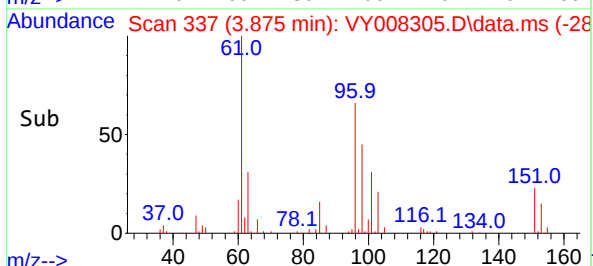
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

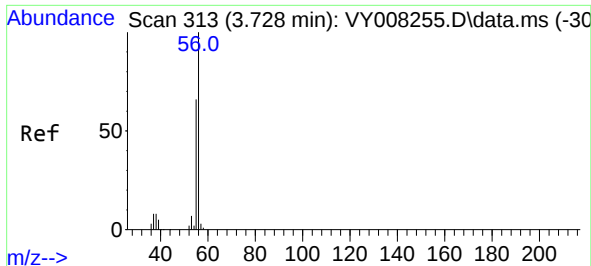


#12
1,1-Dichloroethene
Concen: 18.806 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion: 96 Resp: 25797
Ion Ratio Lower Upper
96 100
61 151.9 145.8 218.6
98 68.1 52.5 78.7





#13

Acrolein

Concen: 56.790 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY008305.D

Acq: 13 Apr 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tgt Ion: 56 Resp: 624

Ion Ratio Lower Upper

56 100

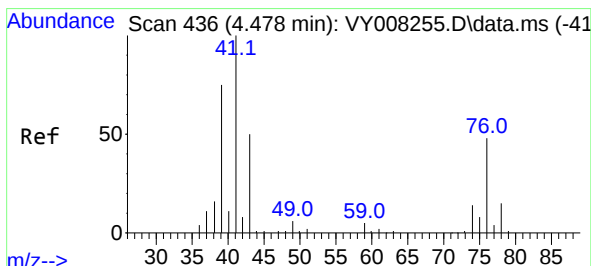
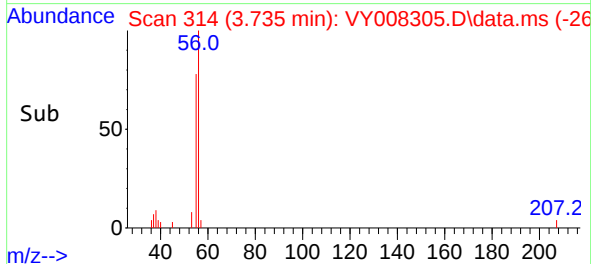
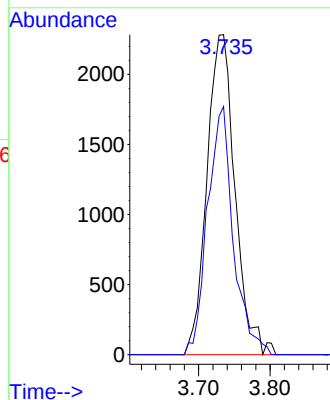
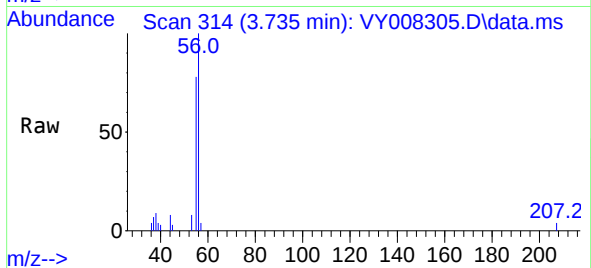
55 71.0 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#14

Allyl chloride

Concen: 18.661 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY008305.D

Acq: 13 Apr 2022 12:03

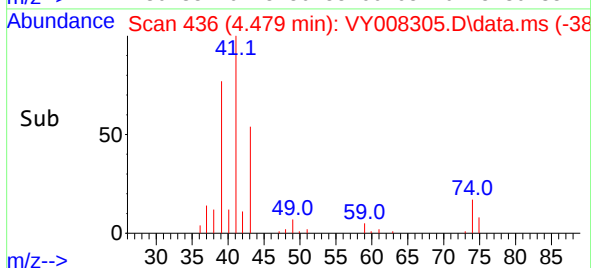
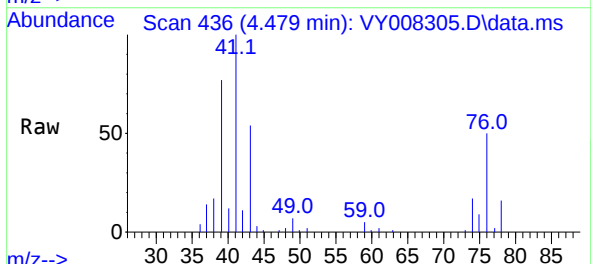
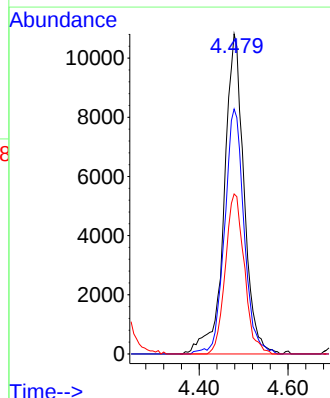
Tgt Ion: 41 Resp: 33408

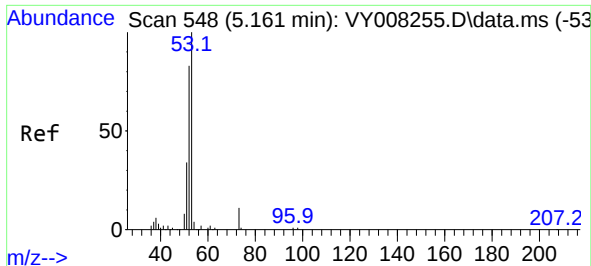
Ion Ratio Lower Upper

41 100

39 75.1 58.8 88.2

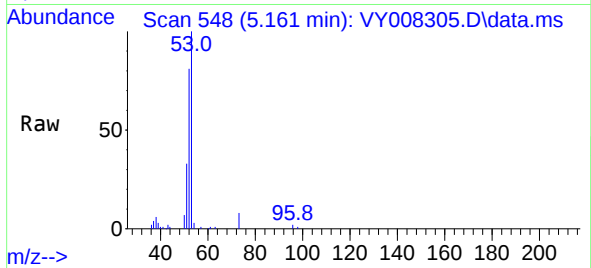
76 47.9 25.1 37.7#





#15
Acrylonitrile
Concen: 90.232 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

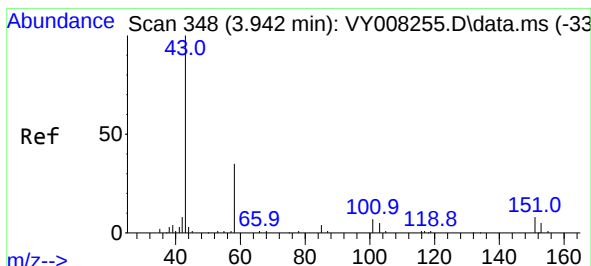
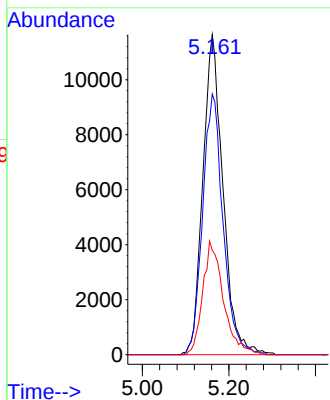
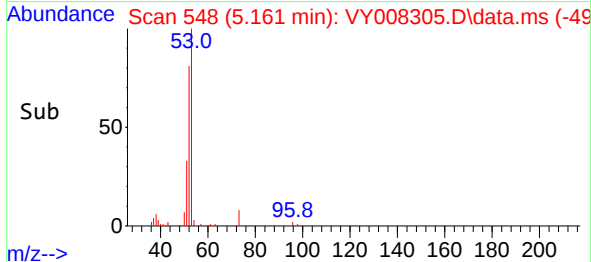
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01



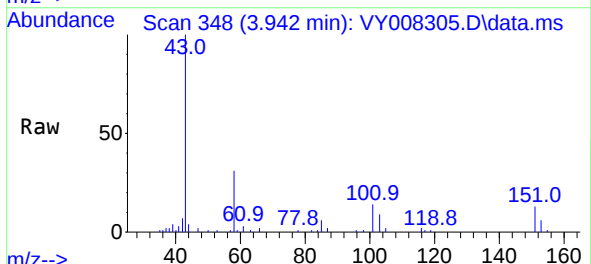
Tgt Ion: 53 Resp: 3760
Ion Ratio Lower Upper
53 100
52 82.6 67.0 100.4
51 36.6 29.8 44.6

Manual Integrations
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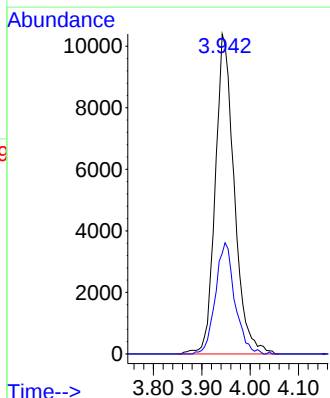
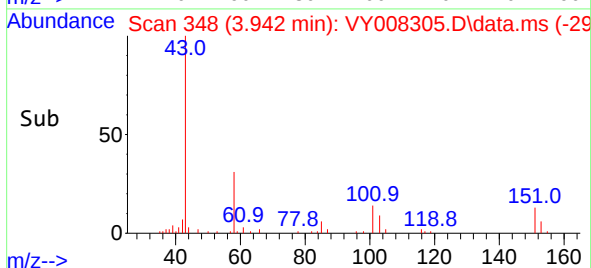
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

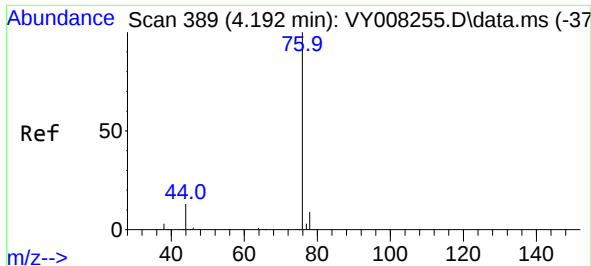


#16
Acetone
Concen: 90.283 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



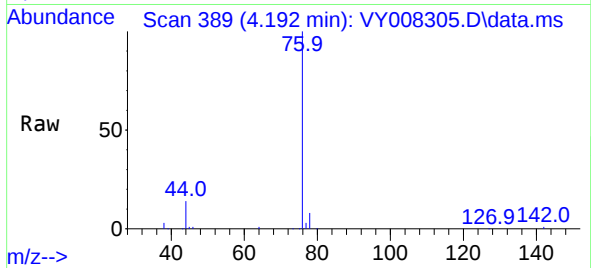
Tgt Ion: 43 Resp: 28368
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0





#17
Carbon Disulfide
Concen: 18.726 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

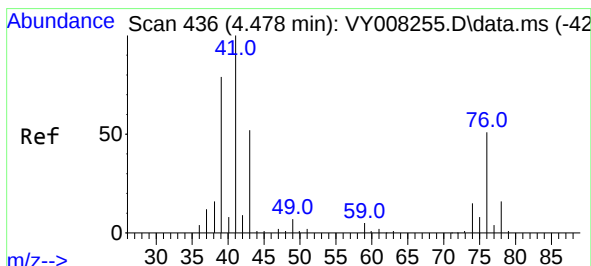
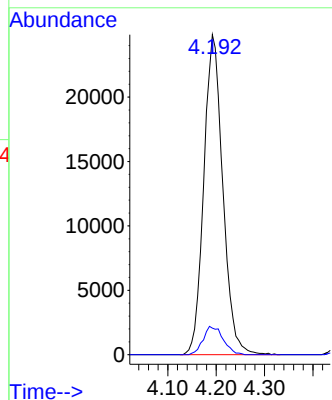
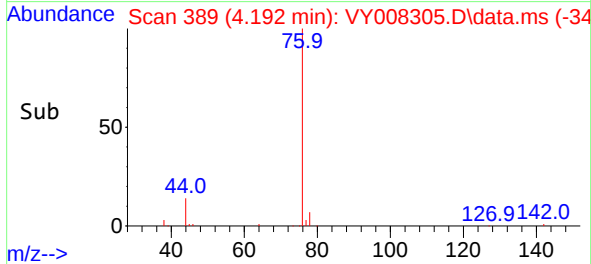
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01



Tgt Ion: 76 Resp: 6776
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

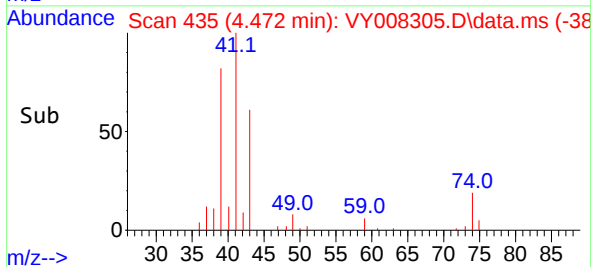
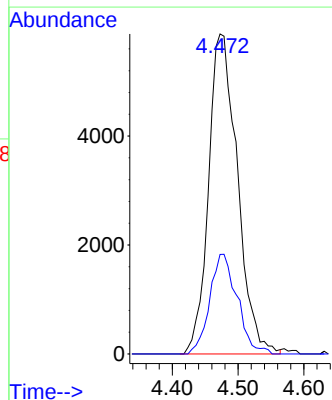
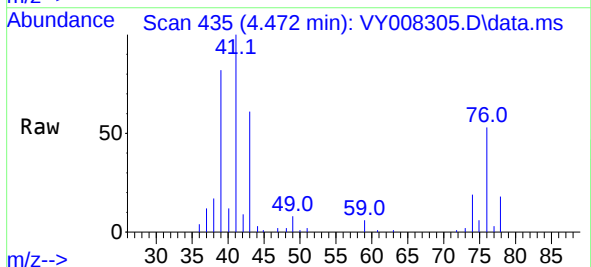
Manual Integrations
APPROVED

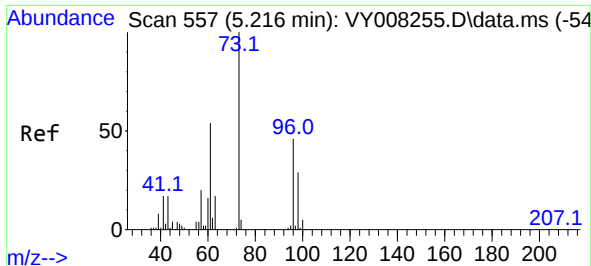
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#18
Methyl Acetate
Concen: 19.829 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

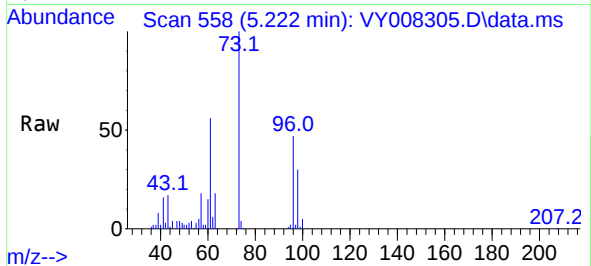
Tgt Ion: 43 Resp: 17956
Ion Ratio Lower Upper
43 100
74 29.7 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 17.934 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

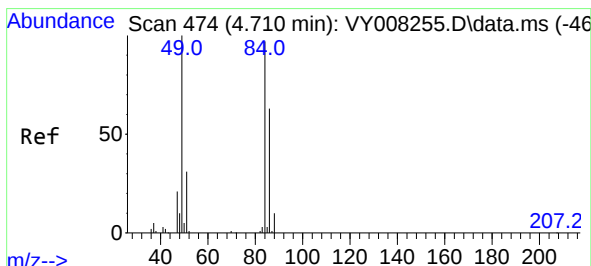
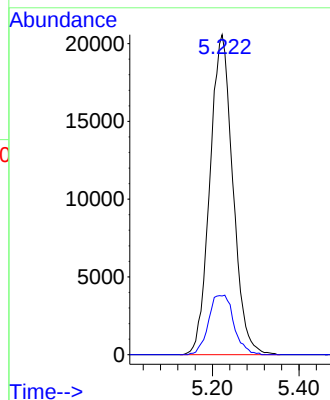
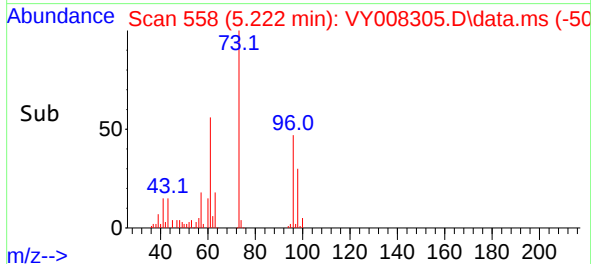
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01



Tgt Ion: 73 Resp: 75920
Ion Ratio Lower Upper
73 100
57 18.4 18.6 27.8

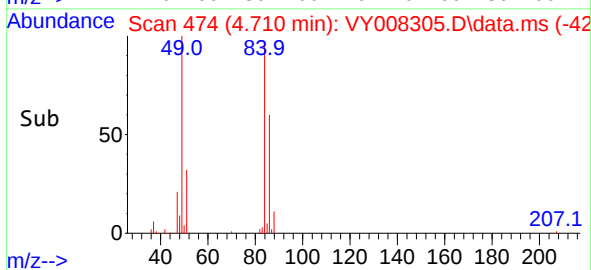
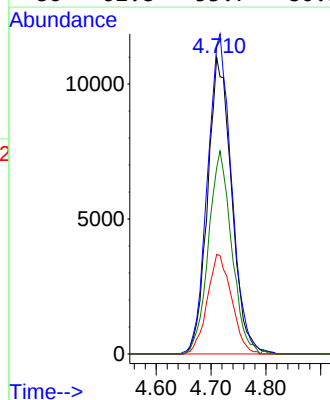
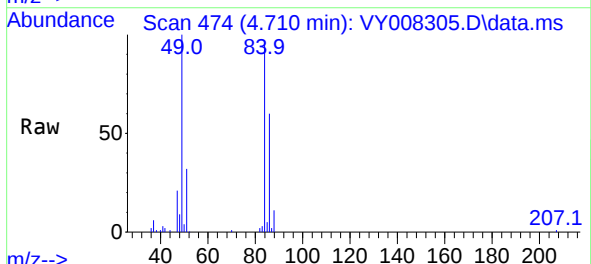
Manual Integrations
APPROVED

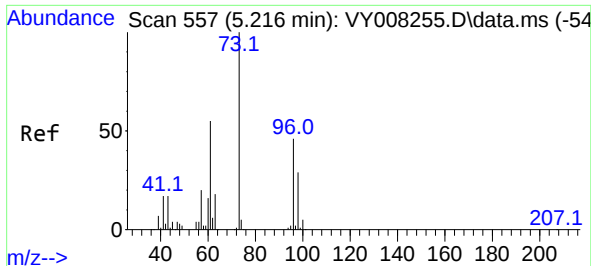
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#20
Methylene Chloride
Concen: 14.595 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

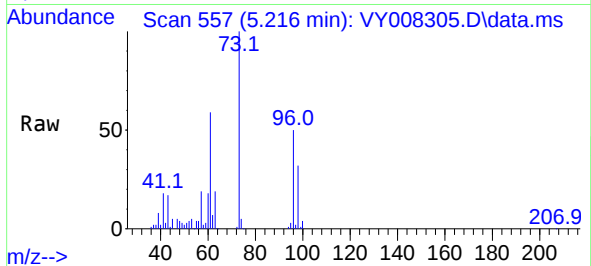
Tgt Ion: 84 Resp: 33348
Ion Ratio Lower Upper
84 100
49 103.9 114.4 171.6#
51 33.5 35.3 52.9#
86 62.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 19.164 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

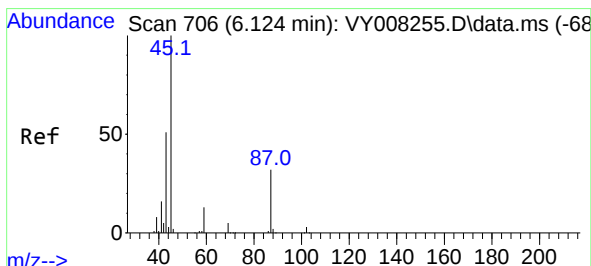
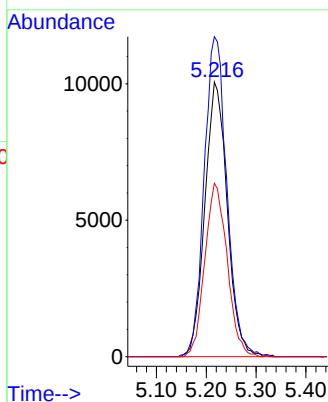
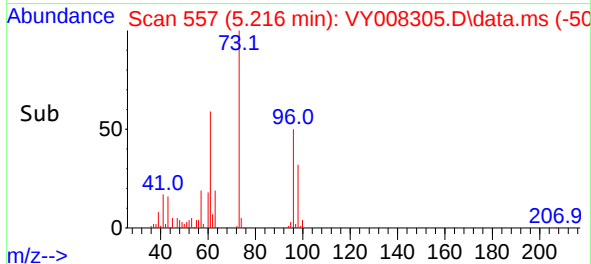
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01



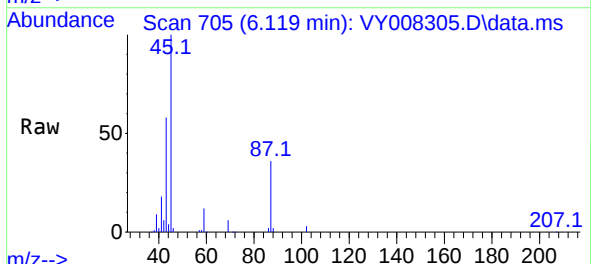
Tgt Ion: 96 Resp: 31490
Ion Ratio Lower Upper
96 100
61 116.5 120.5 180.7
98 63.2 49.8 74.8

Manual Integrations
APPROVED

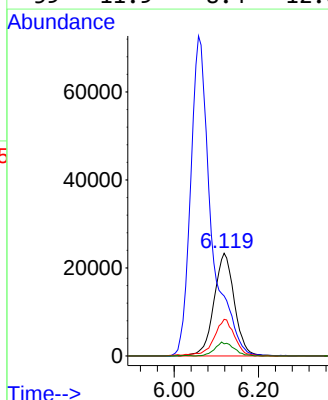
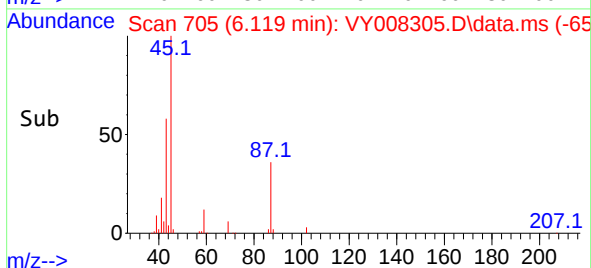
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

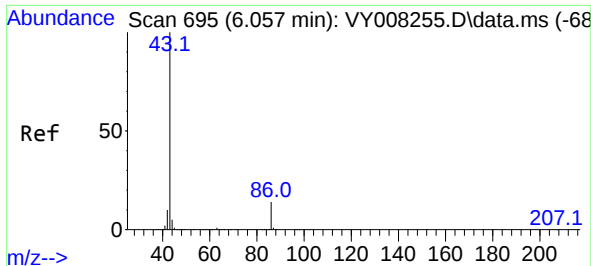


#22
Diisopropyl ether
Concen: 18.506 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.005 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



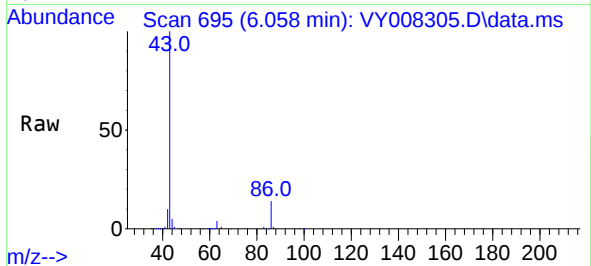
Tgt Ion: 45 Resp: 78165
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 35.7 19.2 28.8
59 11.9 8.4 12.6





#23
 Vinyl Acetate
 Concen: 90.133 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03

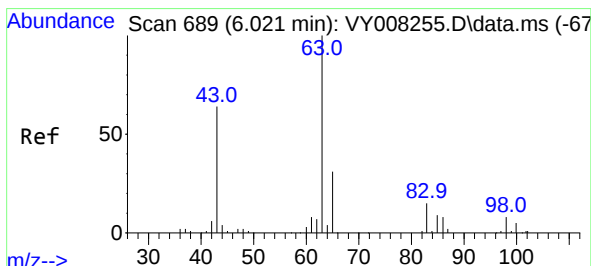
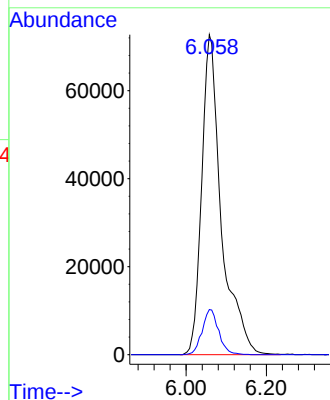
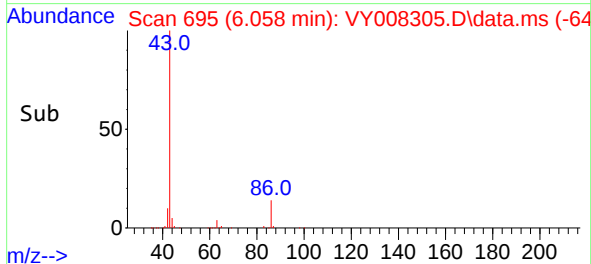
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01



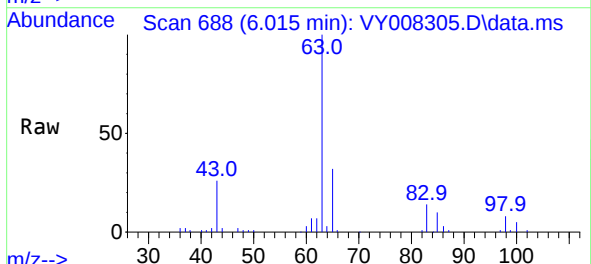
Tgt Ion: 43 Resp: 246672
 Ion Ratio Lower Upper
 43 100
 86 14.1 7.1 10.7

Manual Integrations
 APPROVED

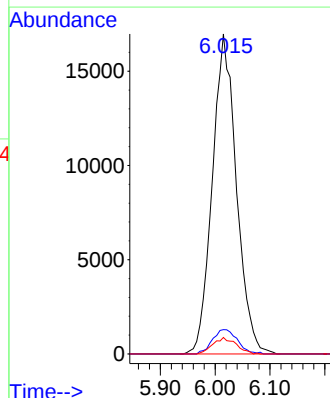
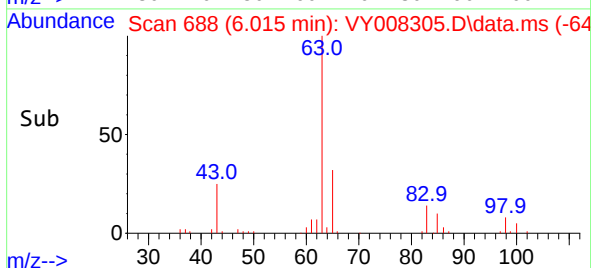
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

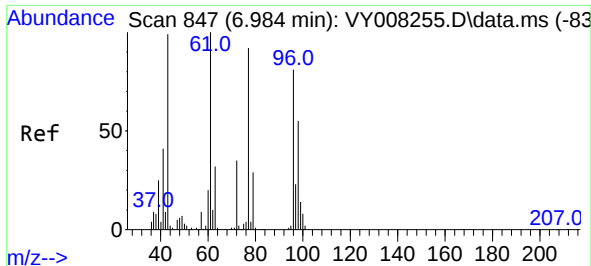


#24
 1,1-Dichloroethane
 Concen: 19.128 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03



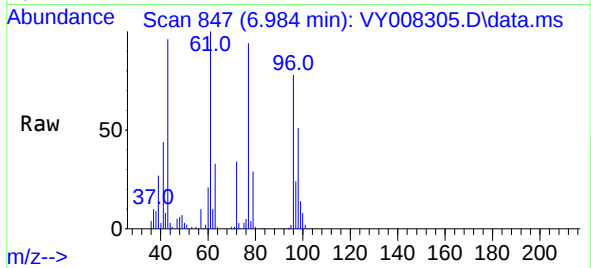
Tgt Ion: 63 Resp: 51859
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.2 2.0 5.8





#25
2-Butanone
Concen: 93.375 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

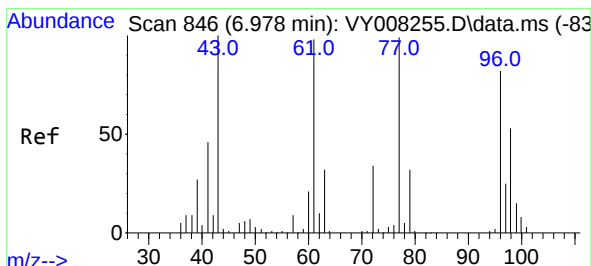
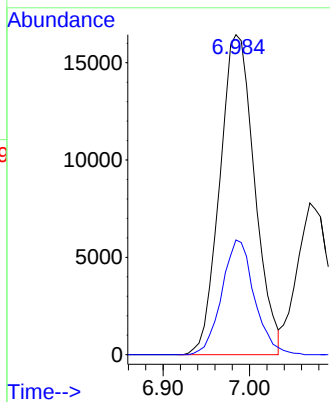
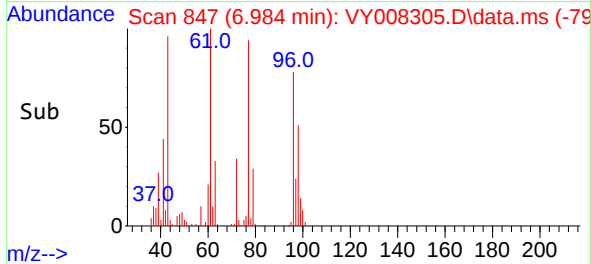
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



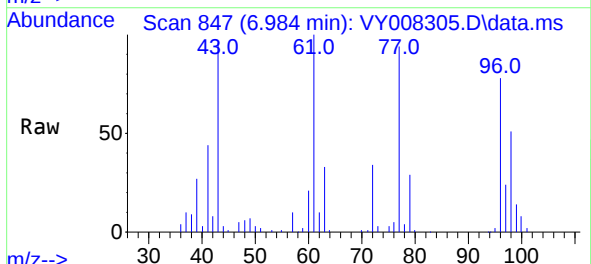
Tgt Ion: 43 Resp: 4587
Ion Ratio Lower Upper
43 100
72 35.9 17.7 26.5

Manual Integrations
APPROVED

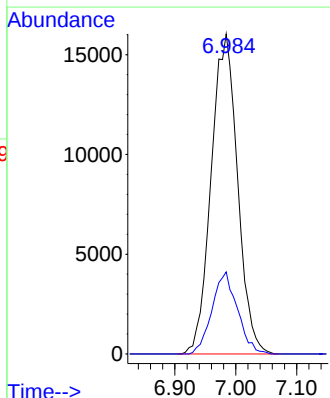
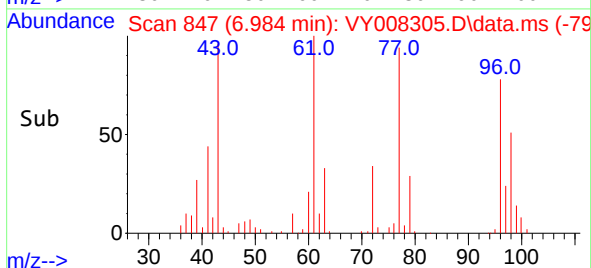
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

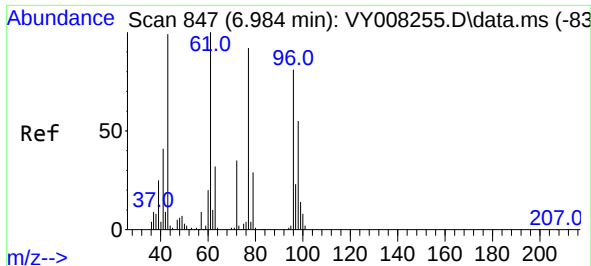


#26
2,2-Dichloropropane
Concen: 19.325 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



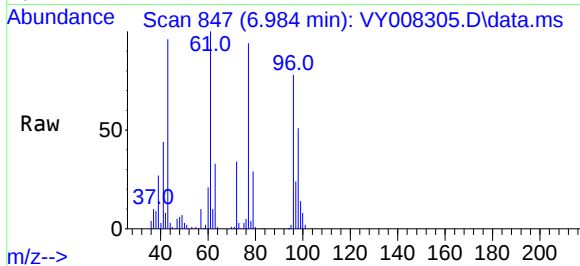
Tgt Ion: 77 Resp: 48250
Ion Ratio Lower Upper
77 100
97 24.7 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.527 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03

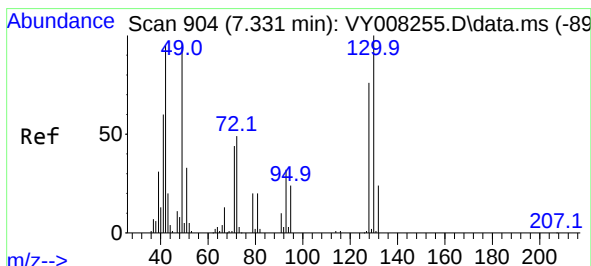
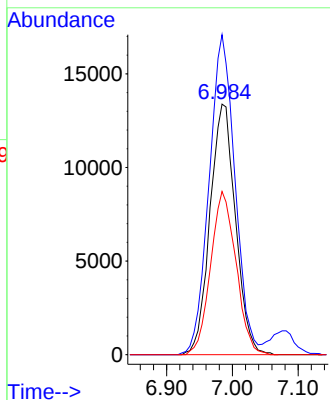
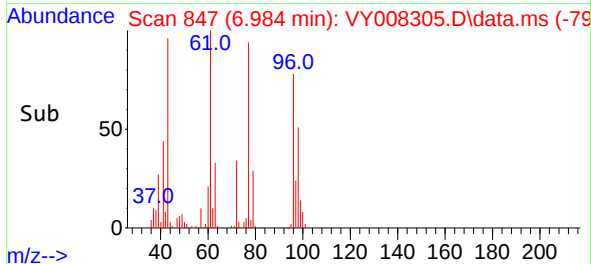
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01



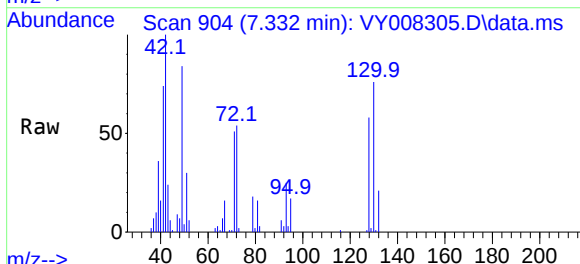
Tgt Ion: 96 Resp: 3612
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 319.8
 98 64.8 0.0 127.0

Manual Integrations
 APPROVED

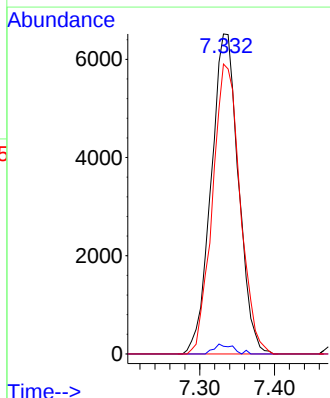
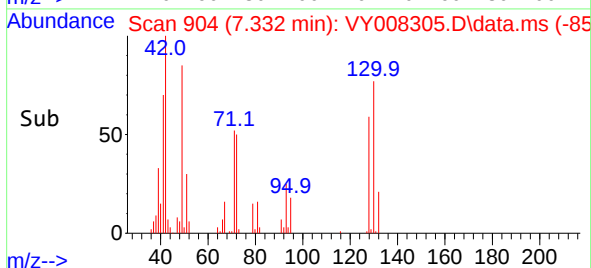
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

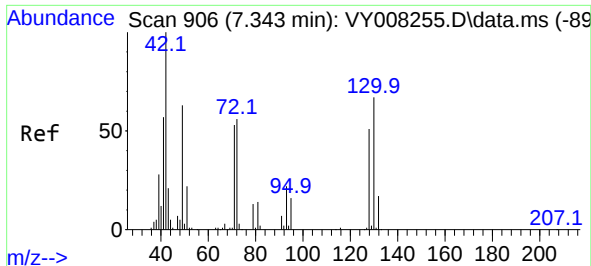


#28
 Bromochloromethane
 Concen: 15.929 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03



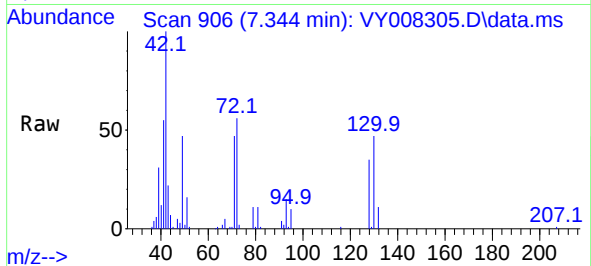
Tgt Ion: 49 Resp: 16553
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 91.4 55.4 83.0#





#29
Tetrahydrofuran
Concen: 94.280 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

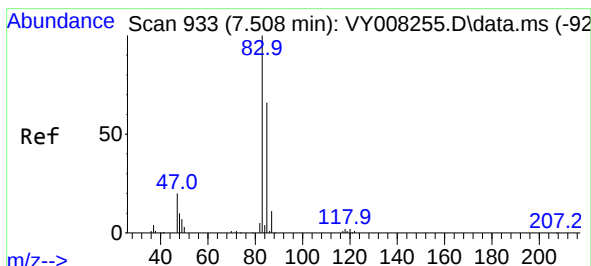
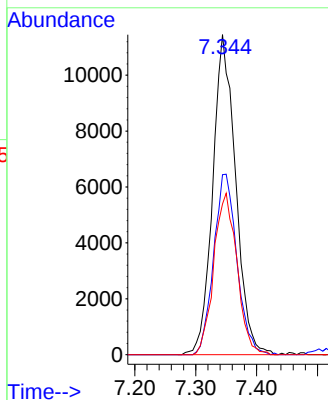
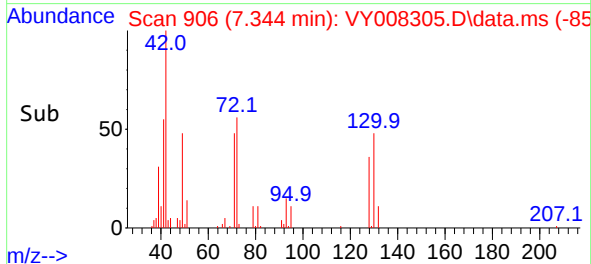
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01



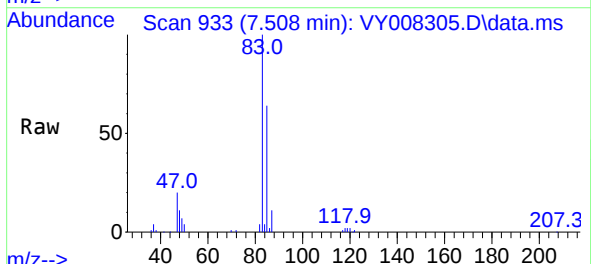
Tgt Ion: 42 Resp: 2990
Ion Ratio Lower Upper
42 100
72 57.3 30.3 45.5
71 51.0 29.0 43.4

Manual Integrations
APPROVED

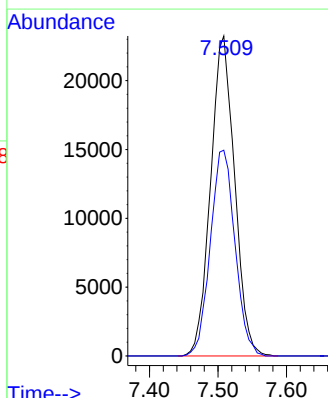
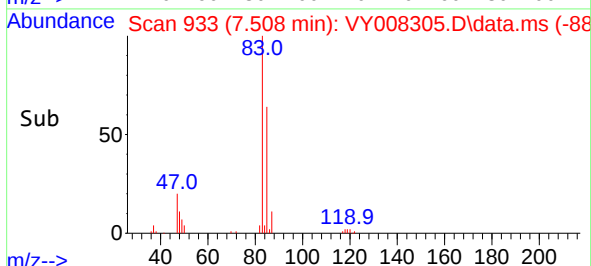
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

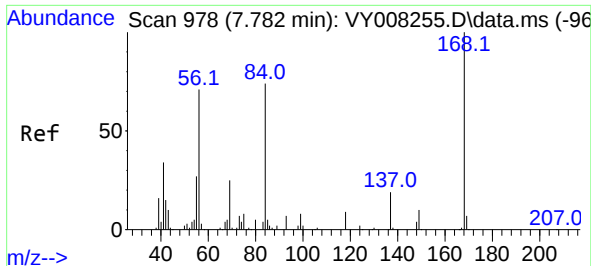


#30
Chloroform
Concen: 18.673 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



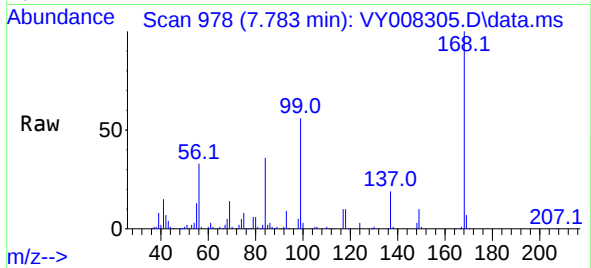
Tgt Ion: 83 Resp: 56530
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6





#31
Cyclohexane
Concen: 19.429 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

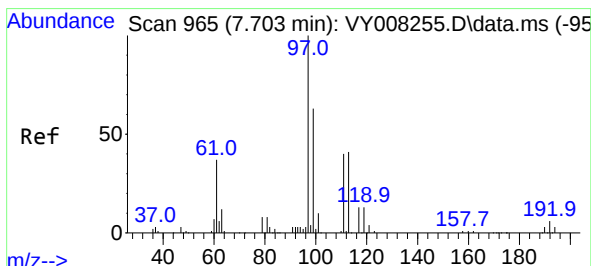
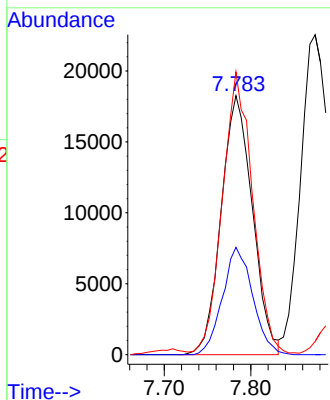
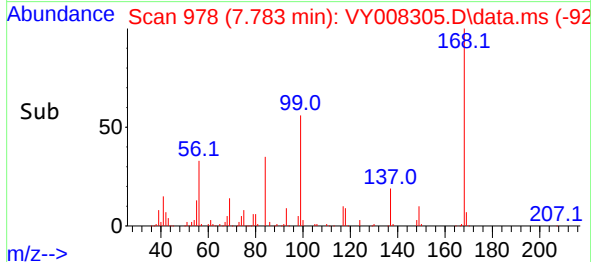
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



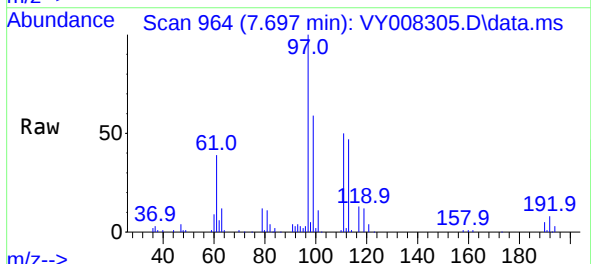
Tgt Ion: 56 Resp: 4589
Ion Ratio Lower Upper
56 100
69 41.4 26.7 40.1
84 107.6 67.2 100.8

Manual Integrations
APPROVED

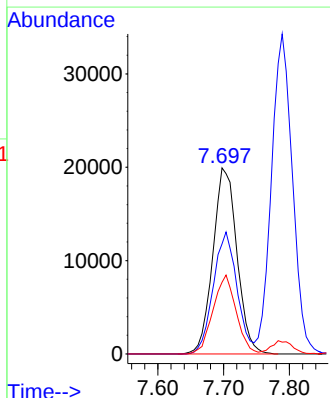
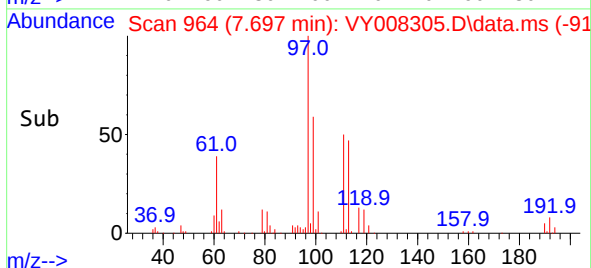
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

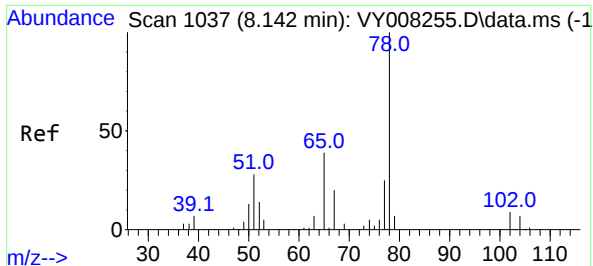


#32
1,1,1-Trichloroethane
Concen: 19.185 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion: 97 Resp: 50806
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 40.7 37.6 56.4





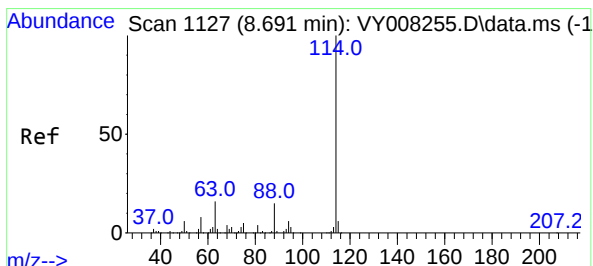
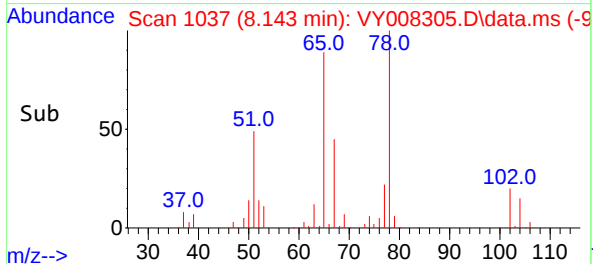
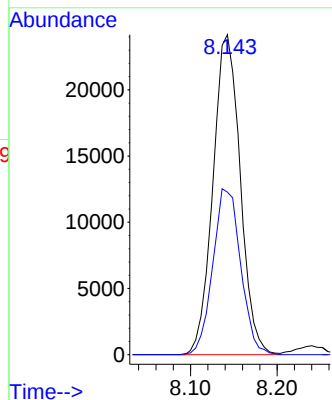
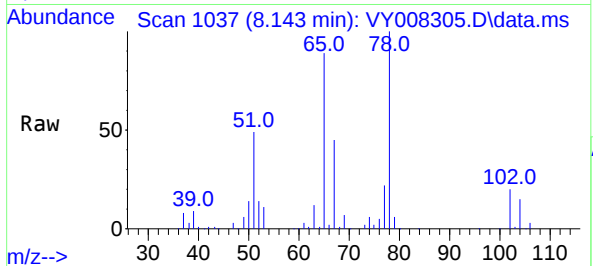
#33
1,2-Dichloroethane-d4
Concen: 40.488 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion: 65 Resp: 5289
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

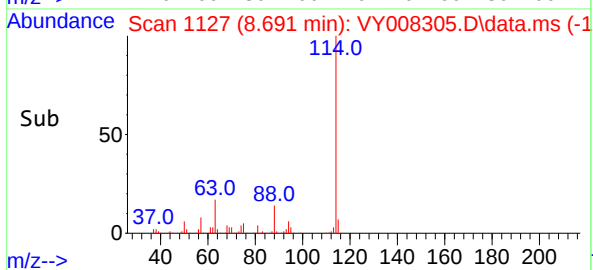
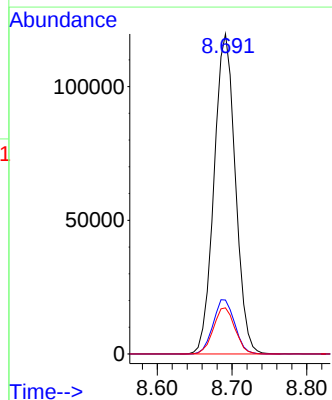
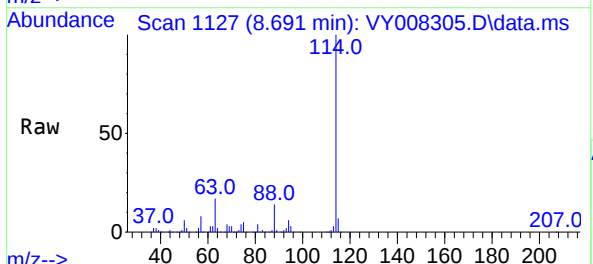
Manual Integrations
APPROVED

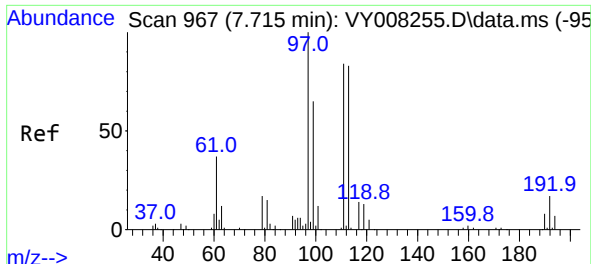
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

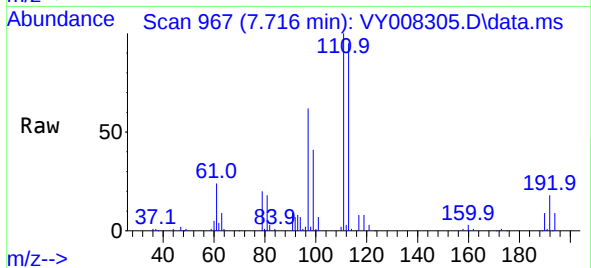
Tgt Ion:114 Resp: 237103
Ion Ratio Lower Upper
114 100
63 16.9 0.0 43.2
88 14.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 37.826 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

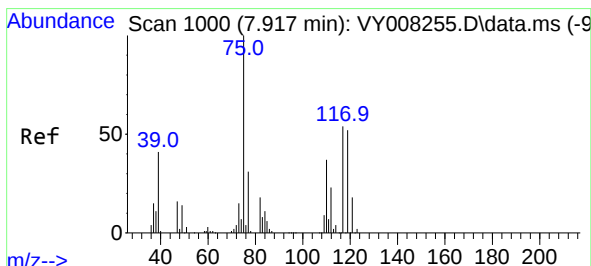
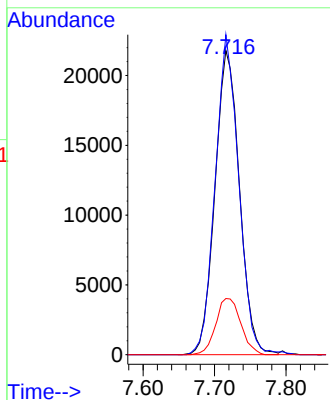
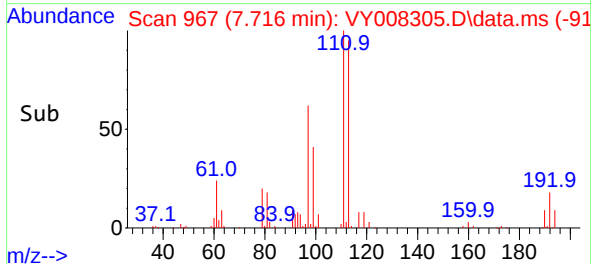
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



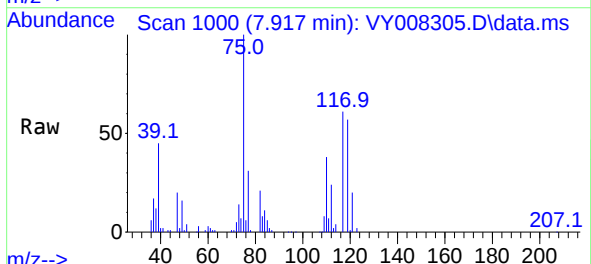
Tgt Ion: 113 Resp: 5180
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 18.9 17.6 26.4

Manual Integrations
APPROVED

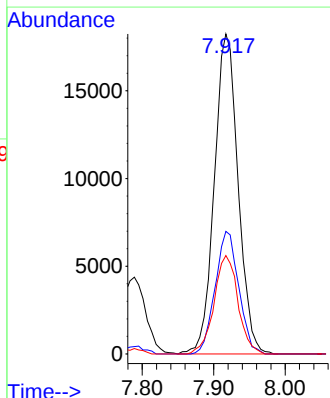
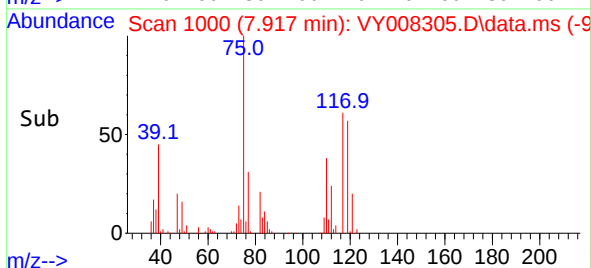
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

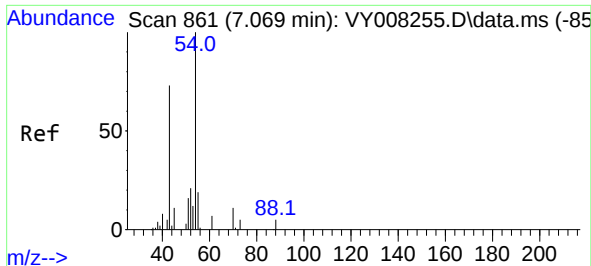


#36
1,1-Dichloropropene
Concen: 19.246 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



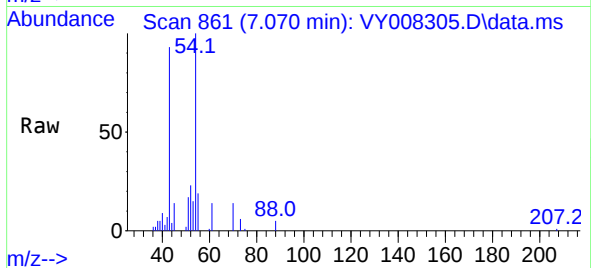
Tgt Ion: 75 Resp: 42087
Ion Ratio Lower Upper
75 100
110 38.0 17.1 51.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 18.985 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

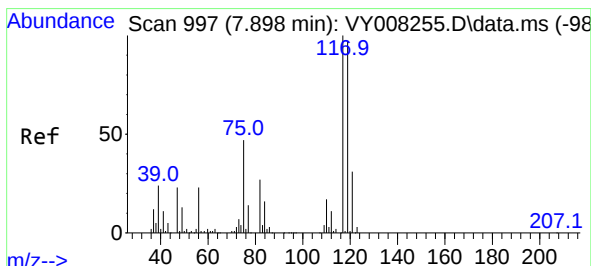
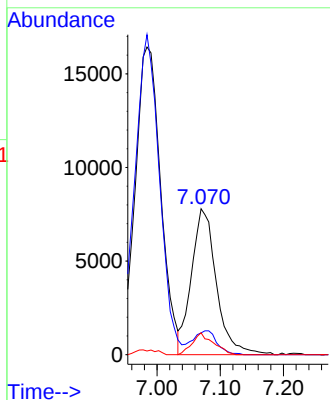
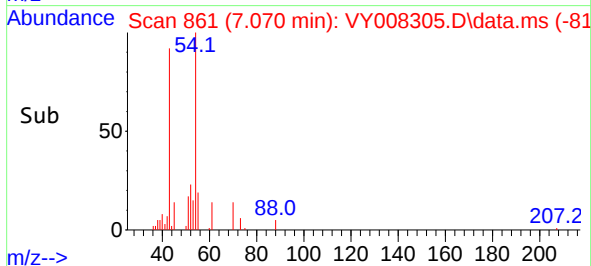
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



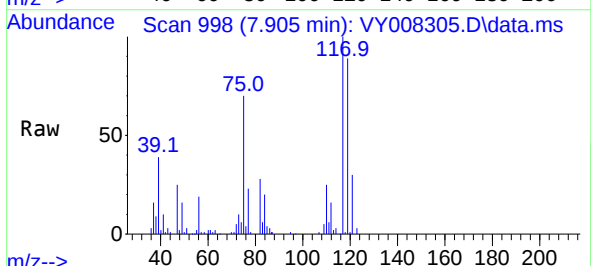
Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
61 15.5 9.7 14.5
70 12.6 7.1 10.7

Manual Integrations
APPROVED

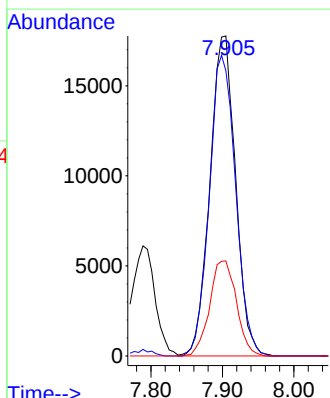
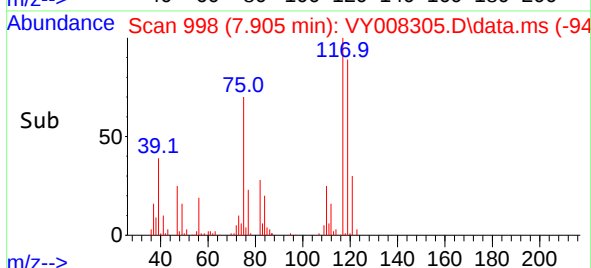
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

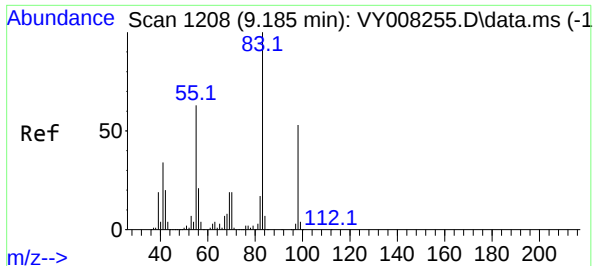


#38
Carbon Tetrachloride
Concen: 18.864 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion:117 Resp: 44380
Ion Ratio Lower Upper
117 100
119 89.1 77.9 116.9
121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 19.584 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008305.D

Acq: 13 Apr 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBSD01

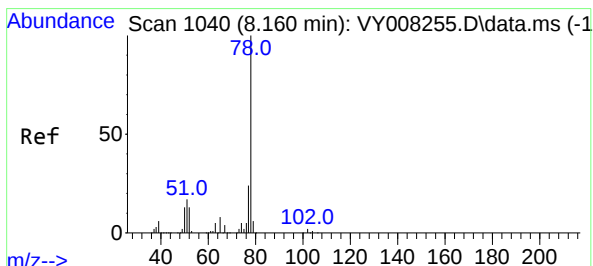
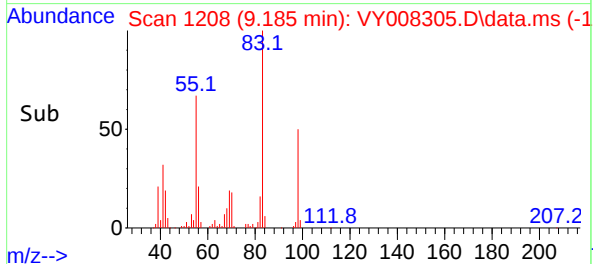
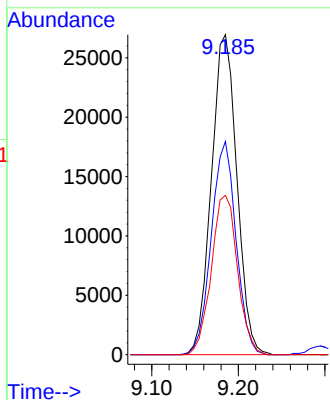
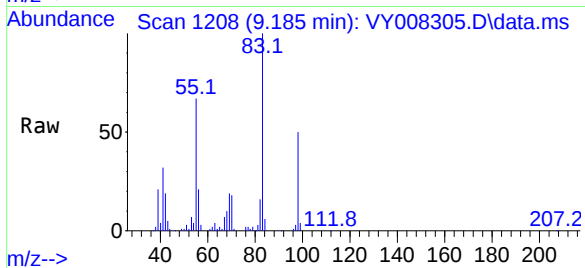
Tgt Ion:	83	Resp:	5510
Ion Ratio	Lower	Upper	
83	100		
55	66.7	66.5	99.7
98	49.8	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#40

Benzene

Concen: 18.927 ug/l

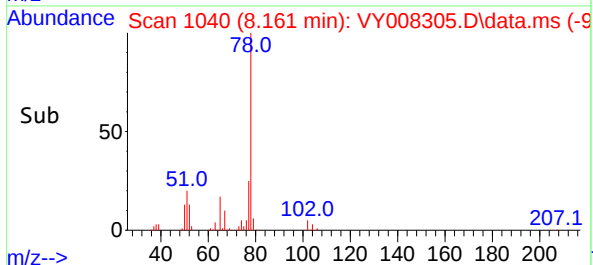
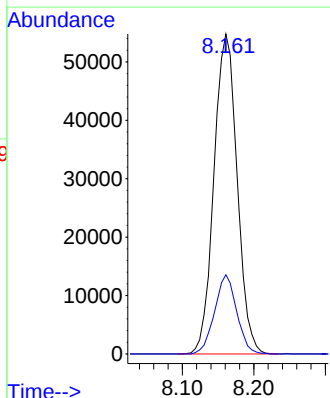
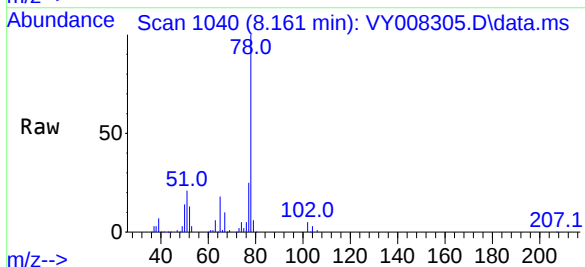
RT: 8.161 min Scan# 1040

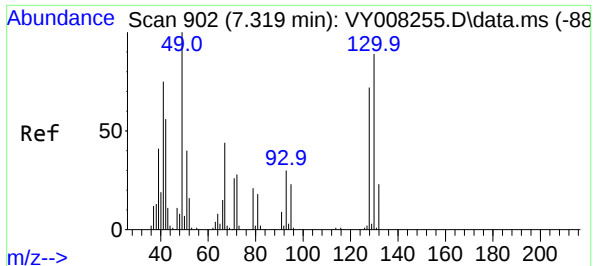
Delta R.T. 0.001 min

Lab File: VY008305.D

Acq: 13 Apr 2022 12:03

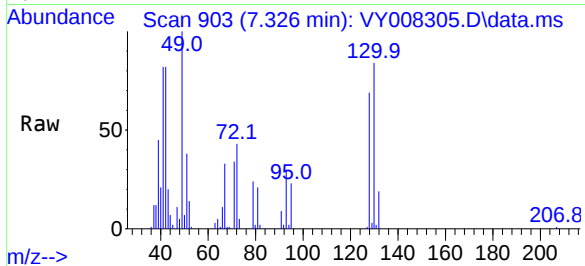
Tgt Ion:	78	Resp:	123256
Ion Ratio	Lower	Upper	
78	100		
77	24.8	20.4	30.6





#41
Methacrylonitrile
Concen: 19.018 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

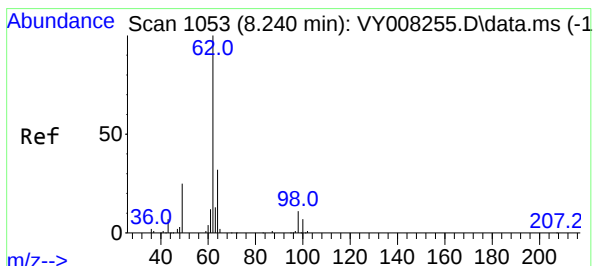
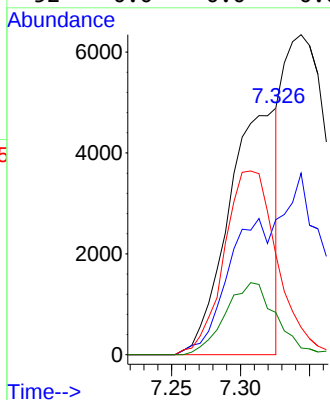
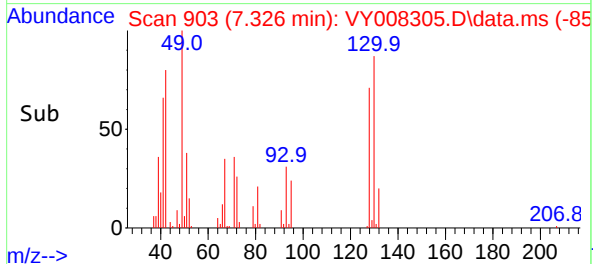
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



Tgt Ion: 41 Resp: 1199
Ion Ratio Lower Upper
41 100
39 61.3 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

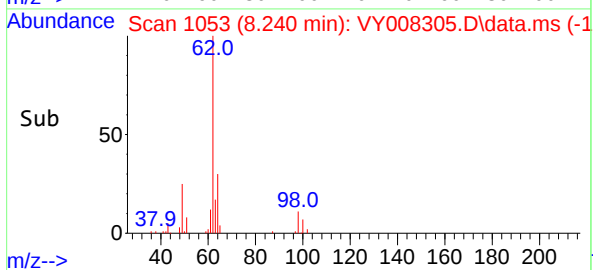
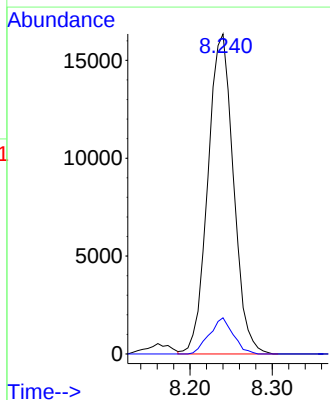
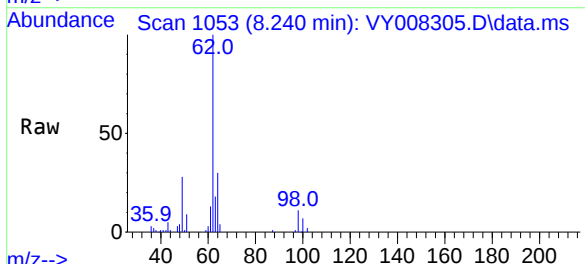
Manual Integrations
APPROVED

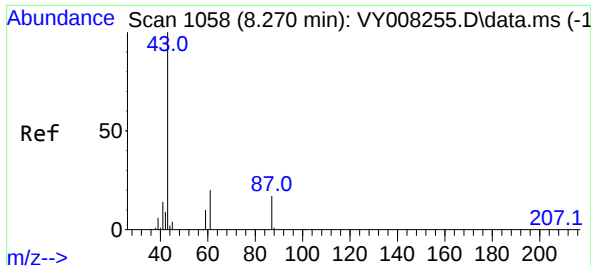
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
1,2-Dichloroethane
Concen: 18.711 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

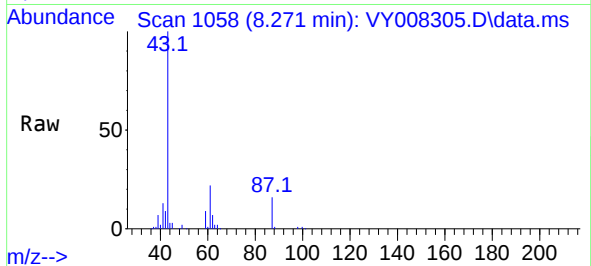
Tgt Ion: 62 Resp: 35350
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8





#43
Isopropyl Acetate
Concen: 18.198 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

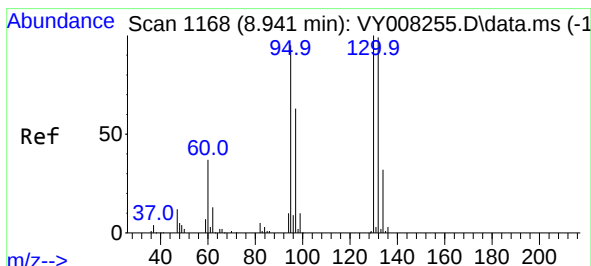
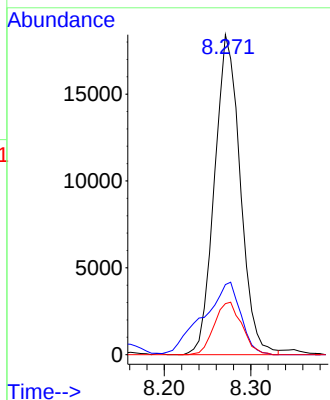
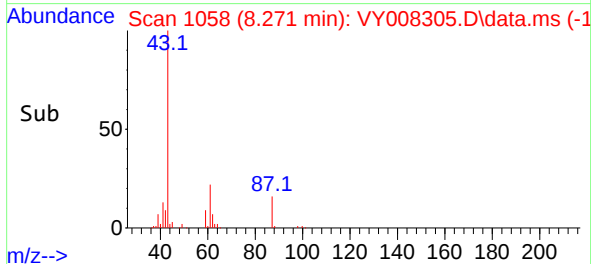
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



Tgt Ion: 43 Resp: 3808
Ion Ratio Lower Upper
43 100
61 33.0 20.2 30.2
87 17.6 8.9 13.3

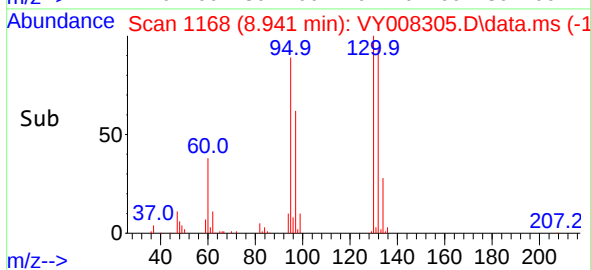
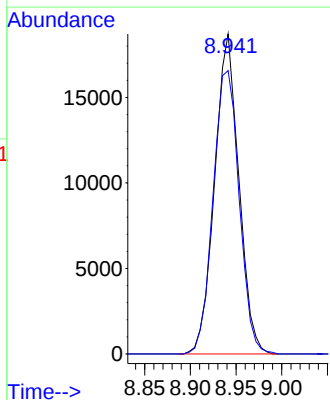
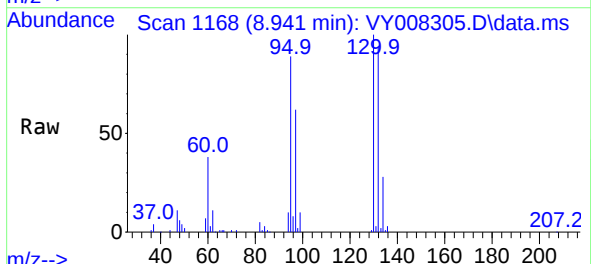
Manual Integrations
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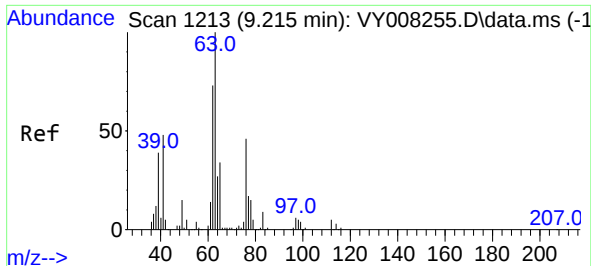
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#44
Trichloroethene
Concen: 18.572 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Tgt Ion:130 Resp: 34468
Ion Ratio Lower Upper
130 100
95 88.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 18.619 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008305.D

Acq: 13 Apr 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tgt Ion: 63 Resp: 29619

Ion Ratio Lower Upper

63 100

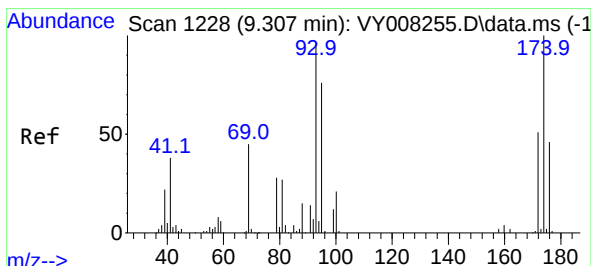
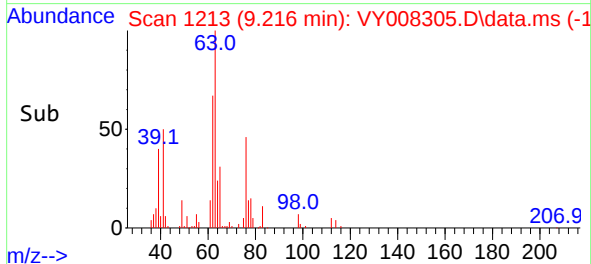
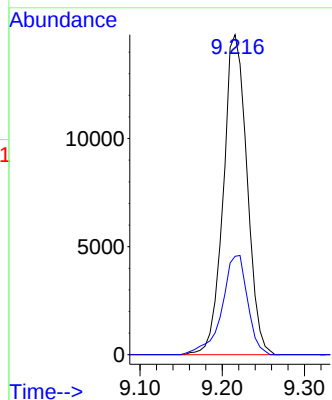
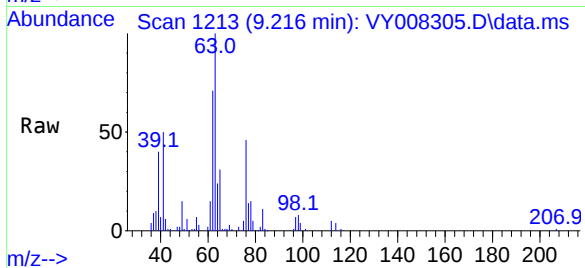
65 30.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#46

Dibromomethane

Concen: 18.063 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008305.D

Acq: 13 Apr 2022 12:03

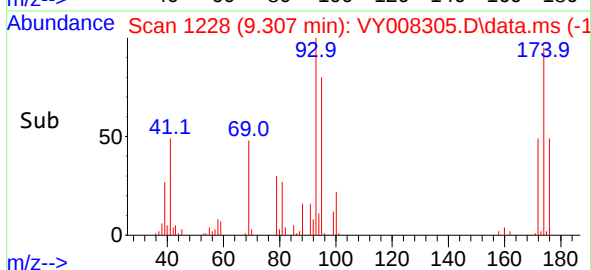
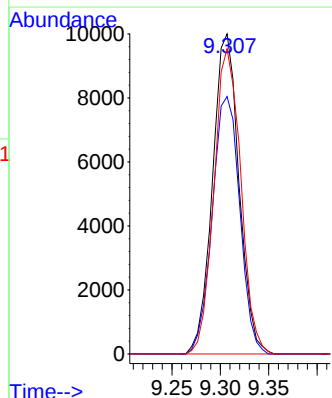
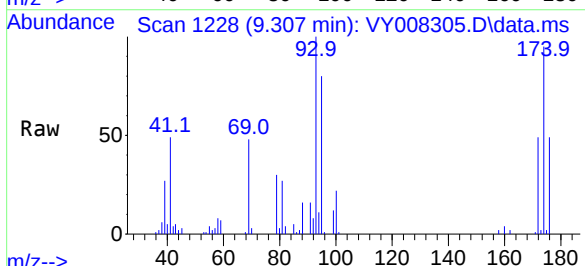
Tgt Ion: 93 Resp: 19019

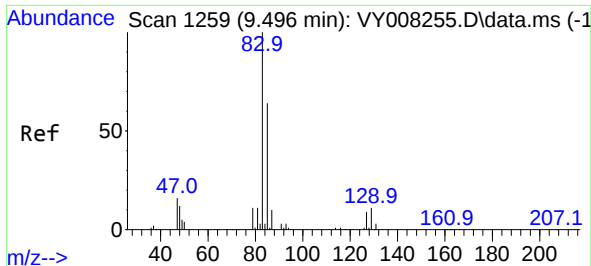
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

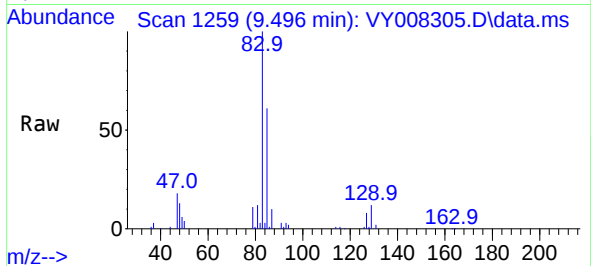
174 96.3 83.4 125.0





#47
Bromodichloromethane
Concen: 18.176 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

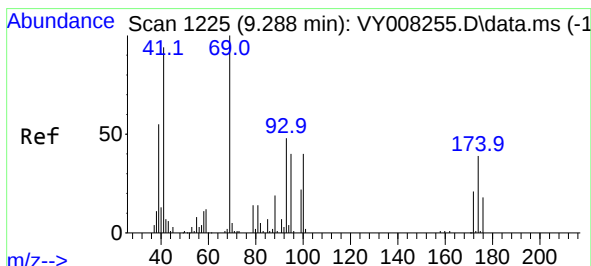
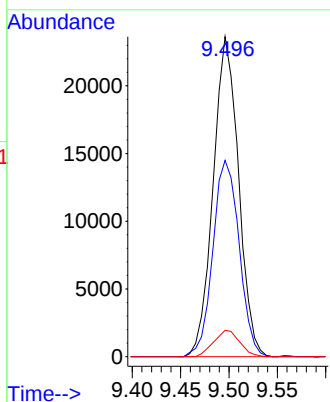
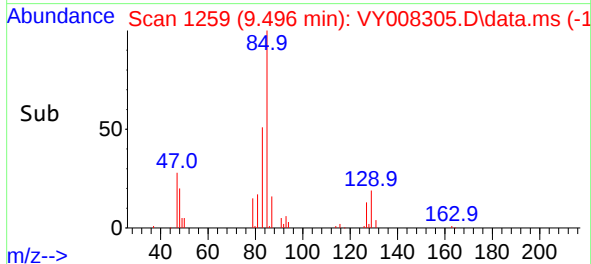
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01



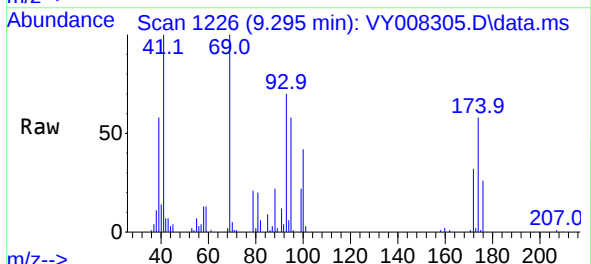
Tgt Ion: 83 Resp: 43038
Ion Ratio Lower Upper
83 100
85 61.4 51.9 77.9
127 8.2 6.6 10.0

Manual Integrations
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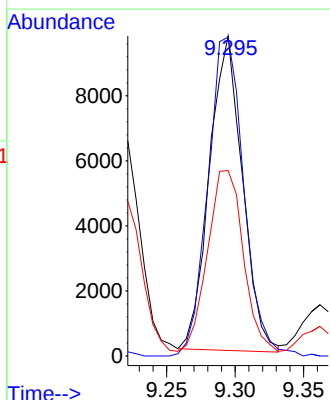
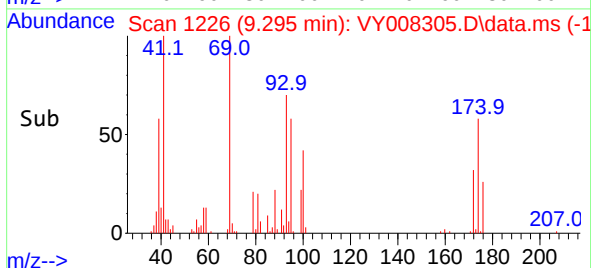
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

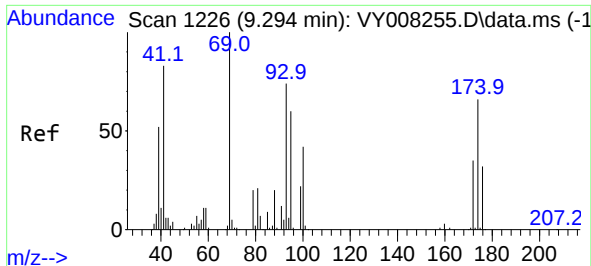


#48
Methyl methacrylate
Concen: 18.239 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.007 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion: 41 Resp: 16226
Ion Ratio Lower Upper
41 100
69 109.8 58.2 87.2#
39 62.7 47.4 71.0





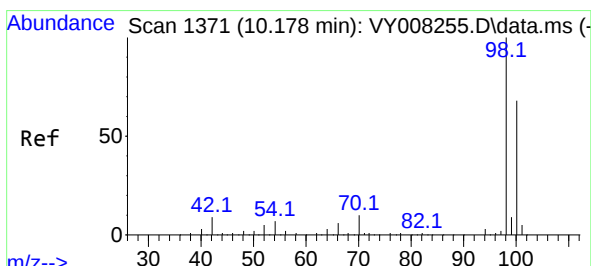
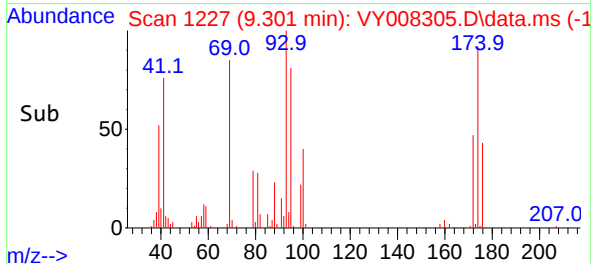
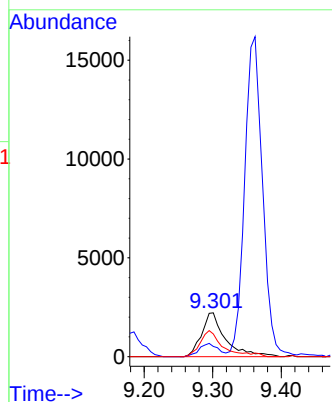
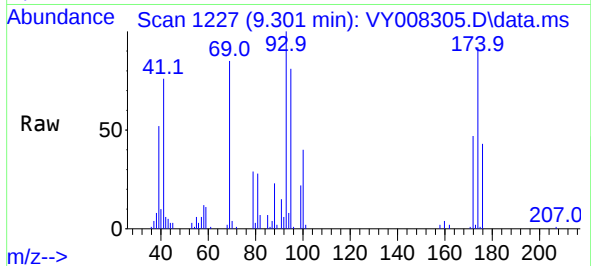
#49
1,4-Dioxane
Concen: 395.361 ug/l
RT: 9.301 min Scan# 1226
Delta R.T. 0.007 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion: 88 Resp: 5372
Ion Ratio Lower Upper
88 100
43 24.2 32.8 49.2
58 57.1 59.8 89.6

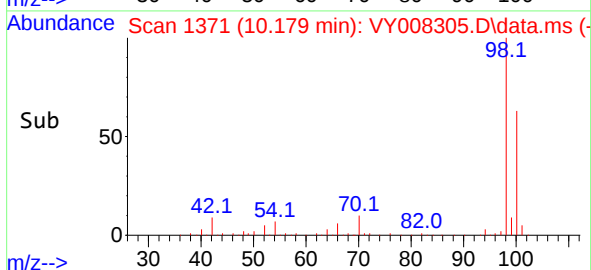
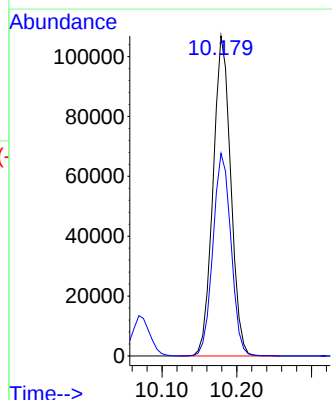
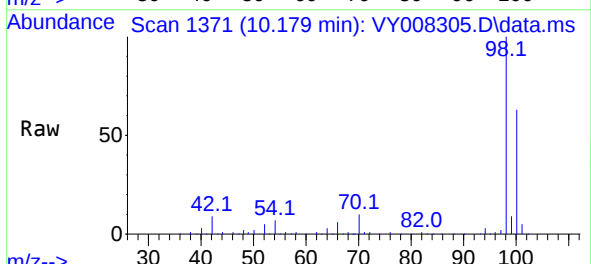
Manual Integrations
APPROVED

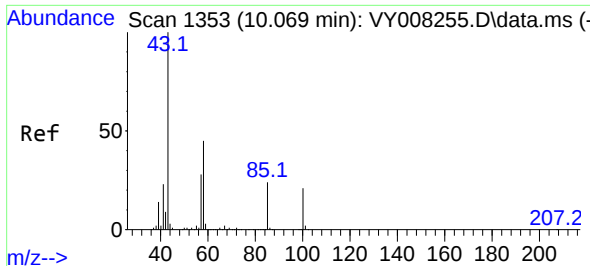
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#50
Toluene-d8
Concen: 37.503 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

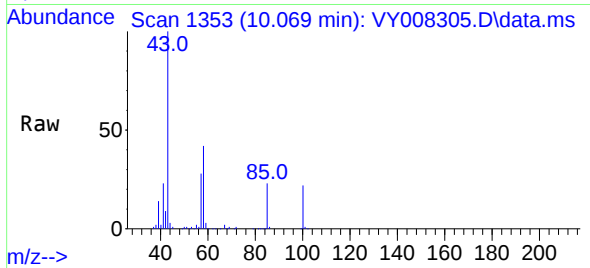
Tgt Ion: 98 Resp: 175742
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 95.342 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

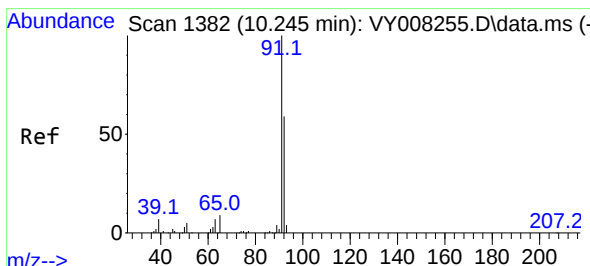
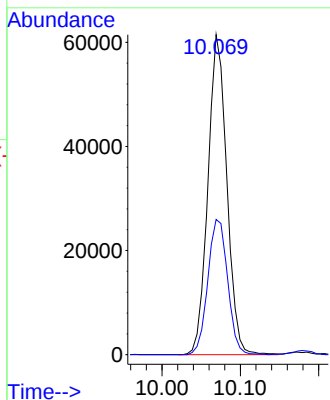
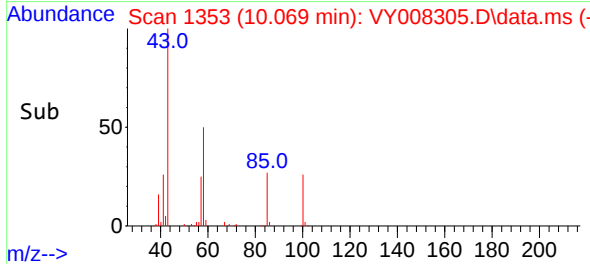
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01



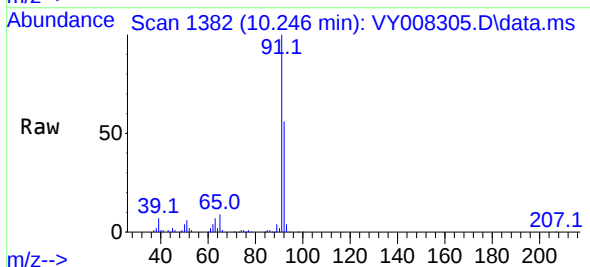
Tgt Ion: 43 Resp: 10302
Ion Ratio Lower Upper
43 100
58 44.3 28.1 42.1

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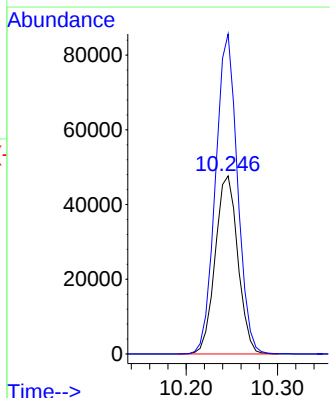
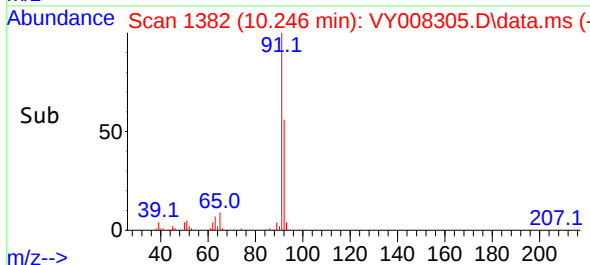
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

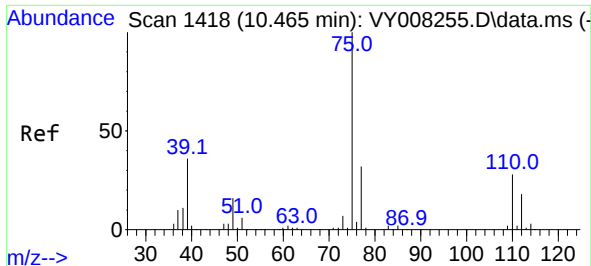


#52
Toluene
Concen: 19.118 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion: 92 Resp: 82026
Ion Ratio Lower Upper
92 100
91 174.8 142.6 213.8





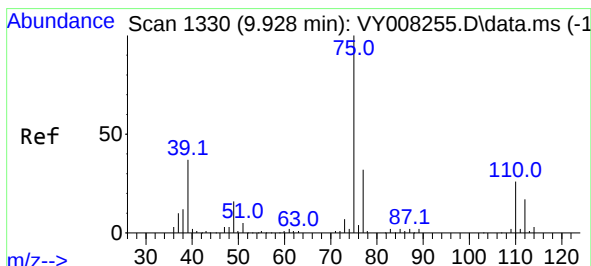
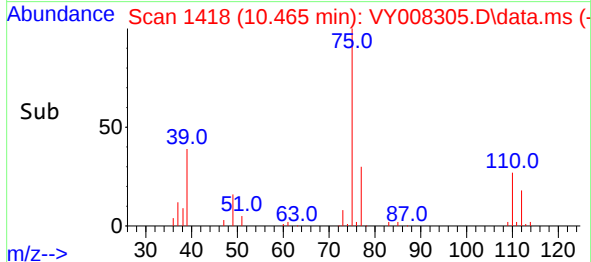
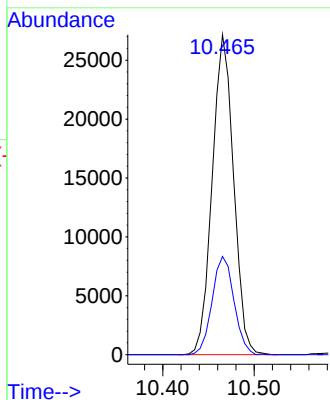
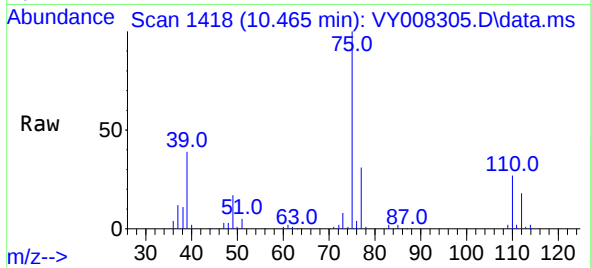
#53
 t-1,3-Dichloropropene
 Concen: 18.272 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Tgt Ion: 75 Resp: 4409
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2

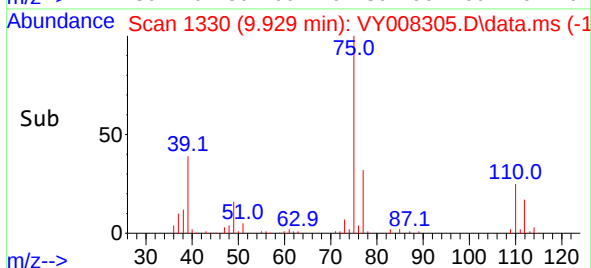
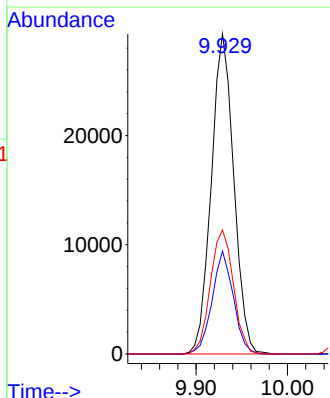
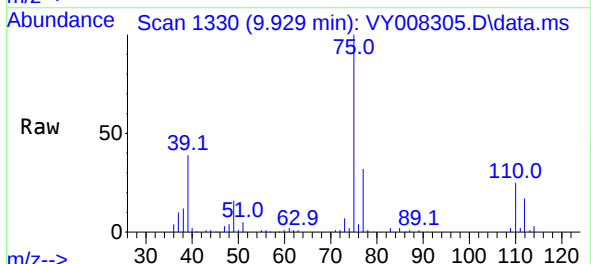
Manual Integrations
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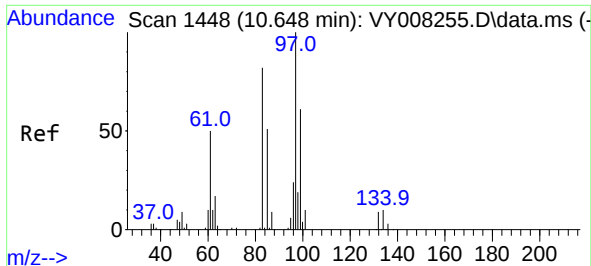
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.391 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.001 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03

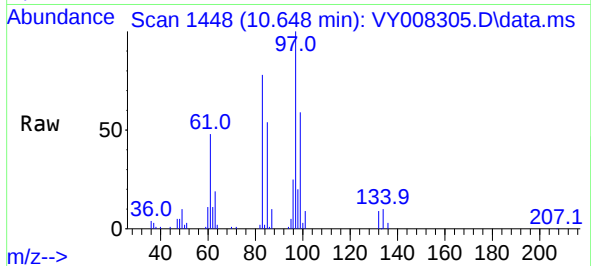
Tgt Ion: 75 Resp: 50069
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4
 39 38.8 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 18.348 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

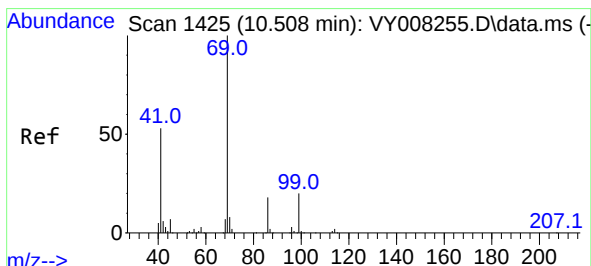
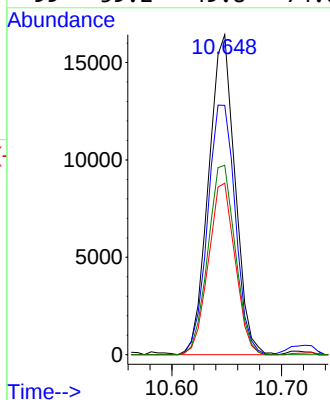
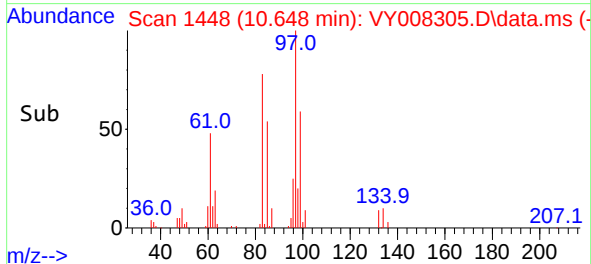


Tgt Ion: 97 Resp: 27558

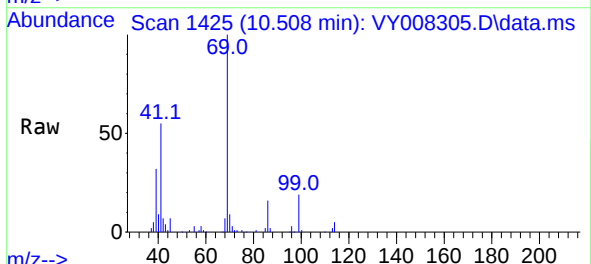
Ion	Ratio	Lower	Upper
97	100		
83	77.9	69.8	104.8
85	53.6	44.3	66.5
99	59.2	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

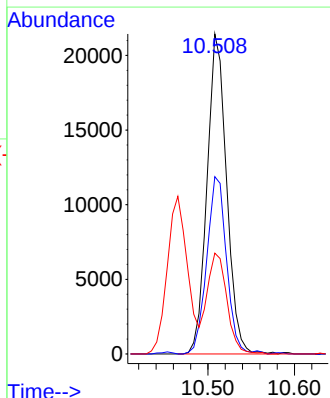
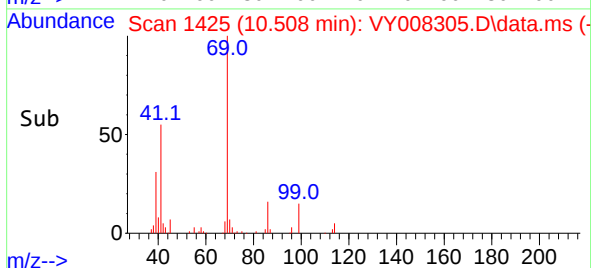


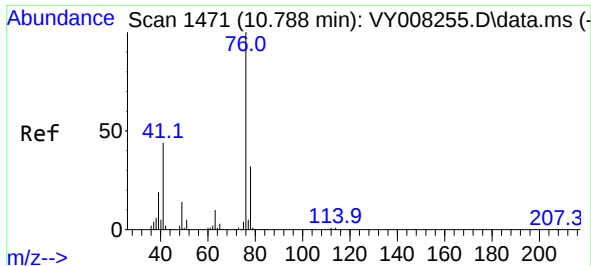
#56
Ethyl methacrylate
Concen: 18.251 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion: 69 Resp: 33608

Ion	Ratio	Lower	Upper
69	100		
41	56.3	63.4	95.0#
39	31.9	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 18.210 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008305.D

Acq: 13 Apr 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tgt Ion: 76 Resp: 43919

Ion Ratio Lower Upper

76 100

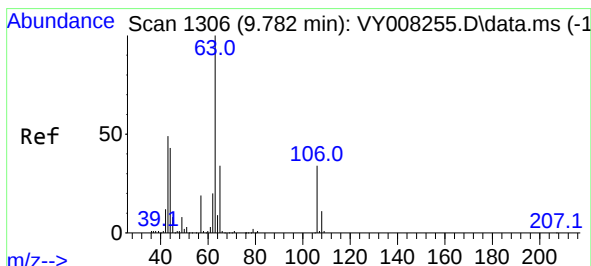
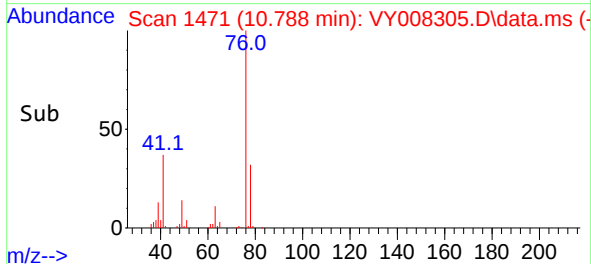
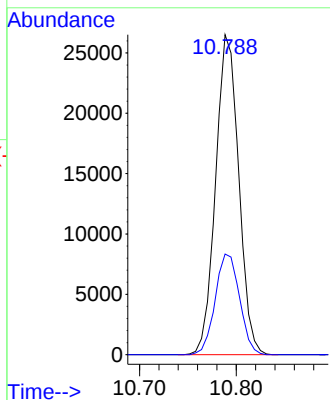
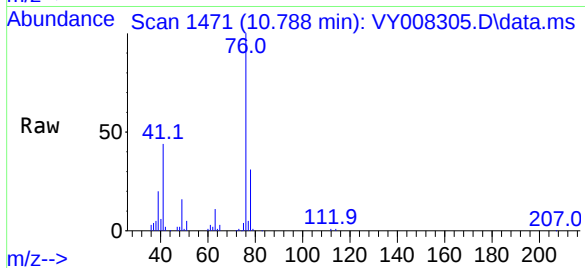
78 33.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.268 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008305.D

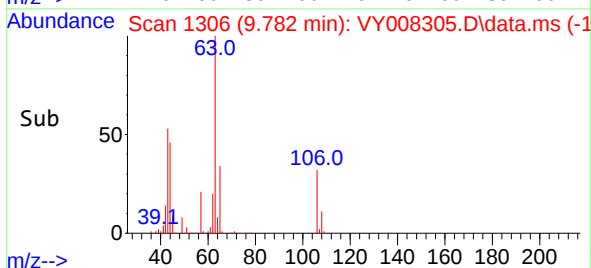
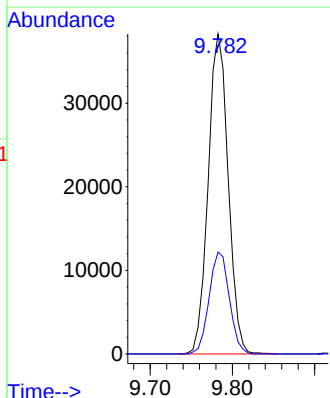
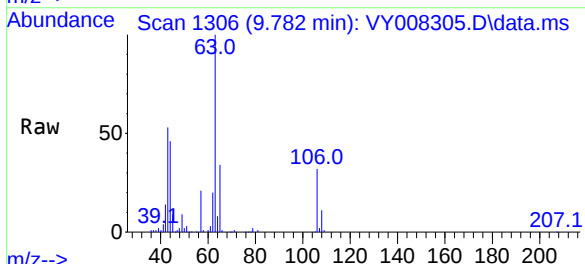
Acq: 13 Apr 2022 12:03

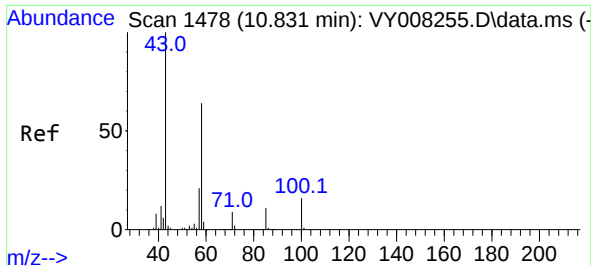
Tgt Ion: 63 Resp: 64749

Ion Ratio Lower Upper

63 100

106 32.1 21.5 32.3





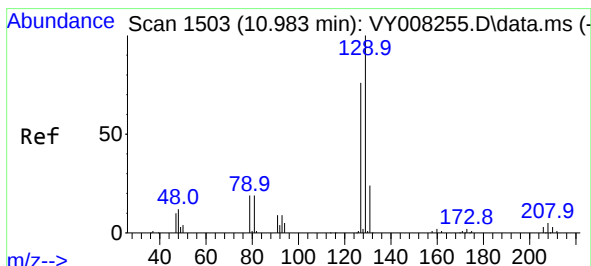
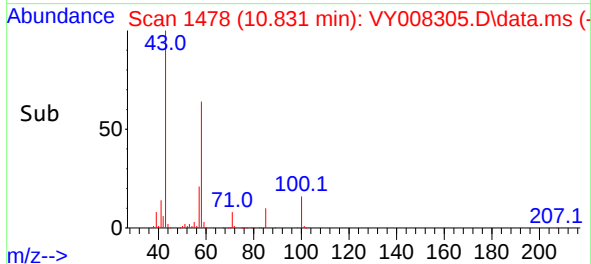
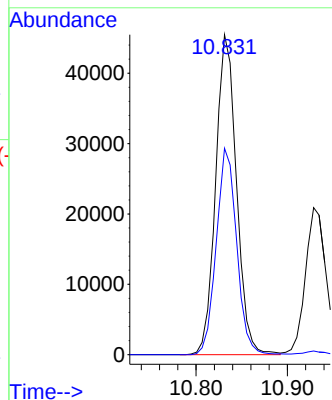
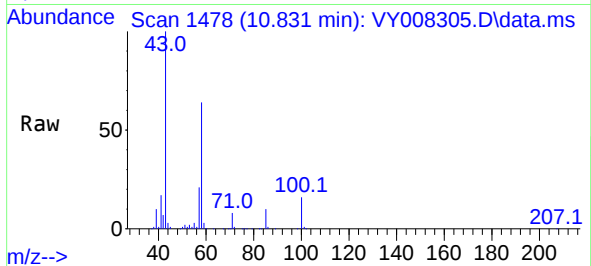
#59
2-Hexanone
Concen: 96.778 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion: 43 Resp: 71960
Ion Ratio Lower Upper
43 100
58 63.3 24.4 73.4

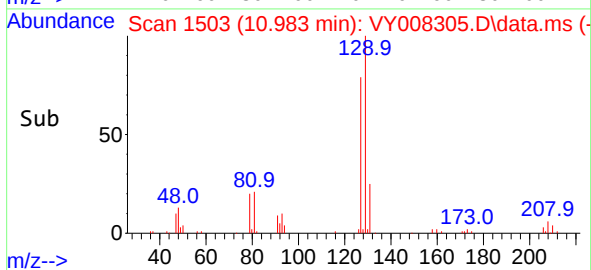
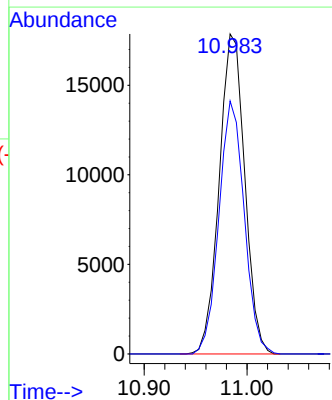
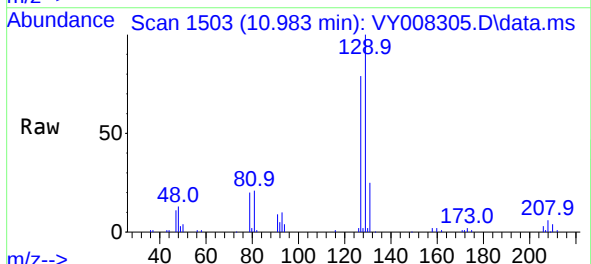
Manual Integrations
APPROVED

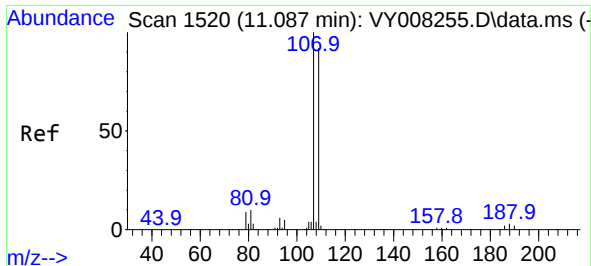
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#60
Dibromochloromethane
Concen: 17.542 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Tgt Ion:129 Resp: 30777
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1





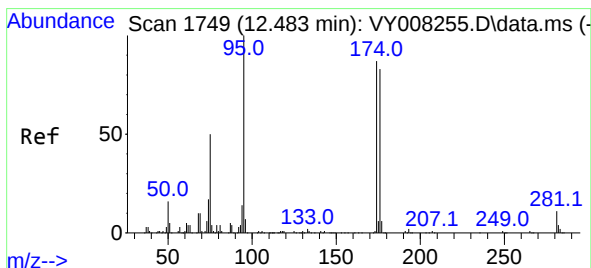
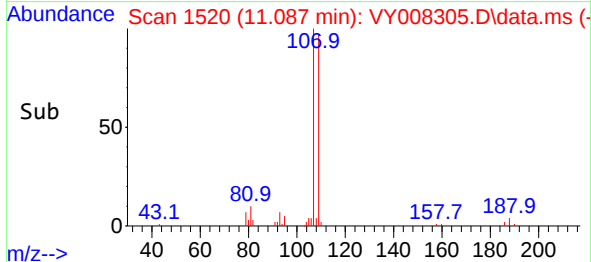
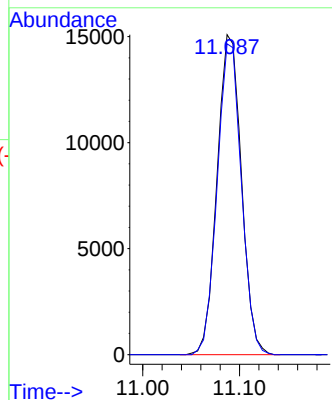
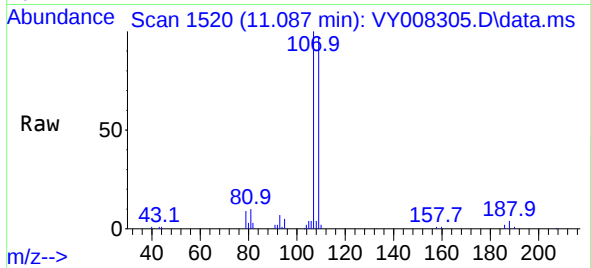
#61
1,2-Dibromoethane
Concen: 17.889 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion:107 Resp: 26269
Ion Ratio Lower Upper
107 100
109 96.7 75.4 113.2

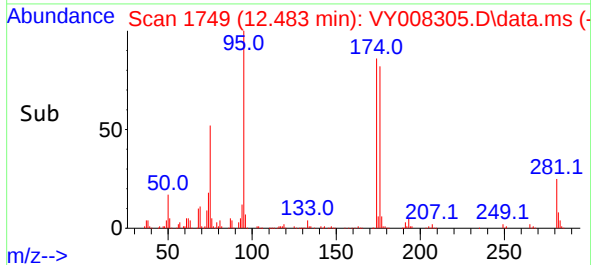
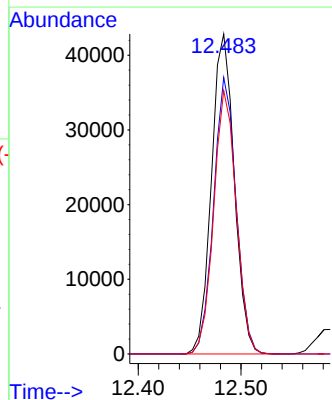
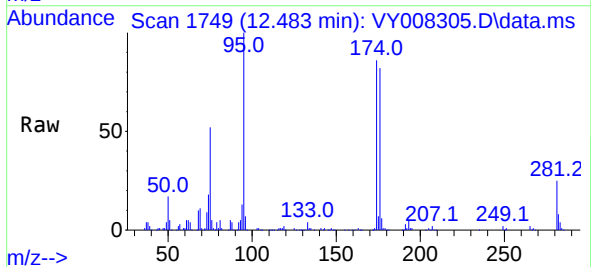
Manual Integrations
APPROVED

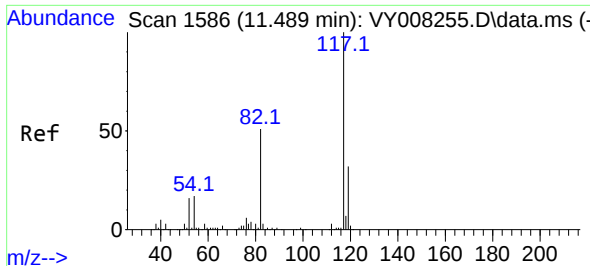
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#62
4-Bromofluorobenzene
Concen: 37.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

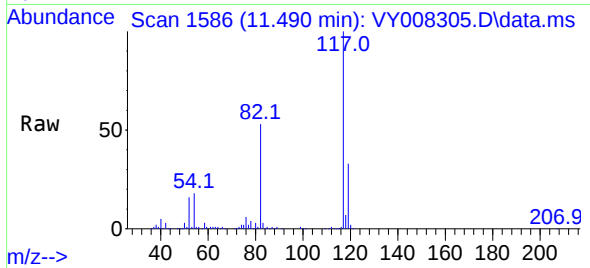
Tgt Ion: 95 Resp: 65915
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 81.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

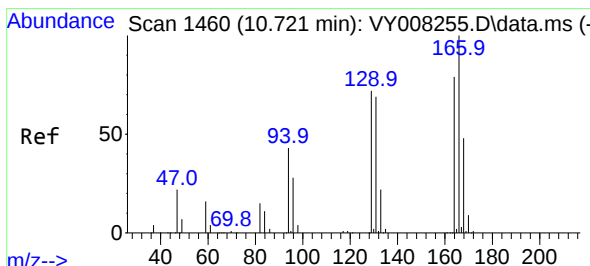
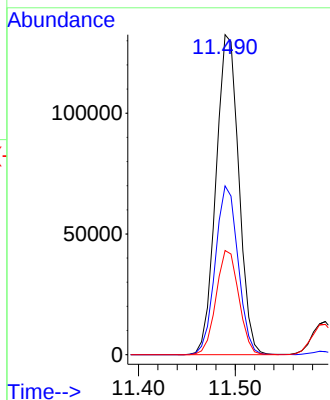
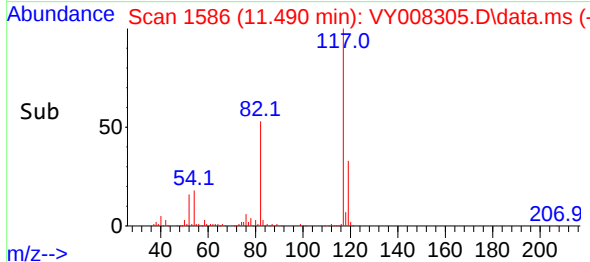
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



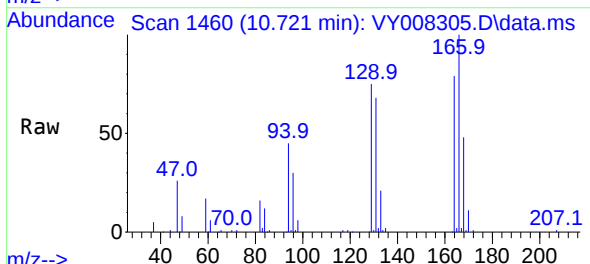
Tgt Ion:117 Resp: 21711
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.5 25.4 38.0

Manual Integrations
APPROVED

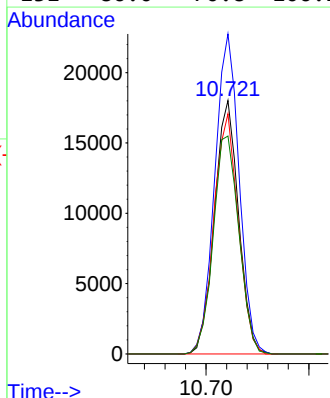
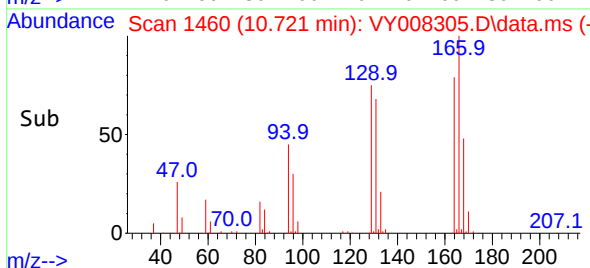
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

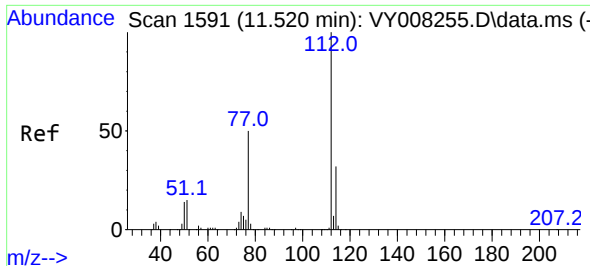


#64
Tetrachloroethene
Concen: 19.239 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



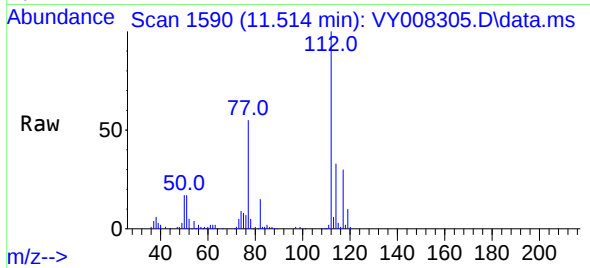
Tgt Ion:164 Resp: 29441
Ion Ratio Lower Upper
164 100
166 126.2 100.4 150.6
129 94.8 71.4 107.0
131 86.0 70.8 106.2





#65
Chlorobenzene
Concen: 18.768 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

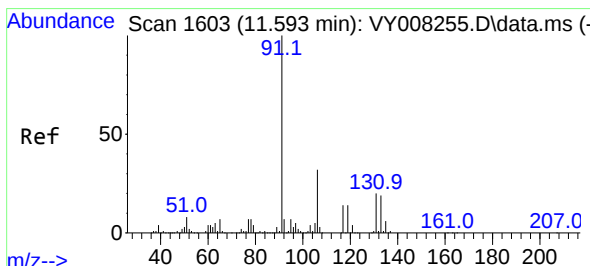
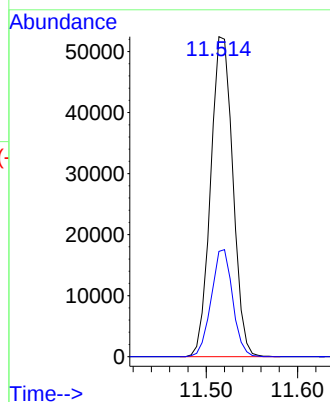
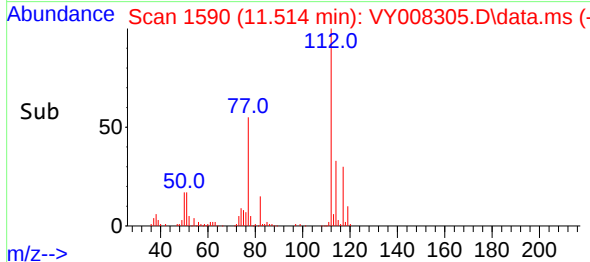
Instrument :
MSVOA_Y
ClientSampleId :
VY0413BSD01



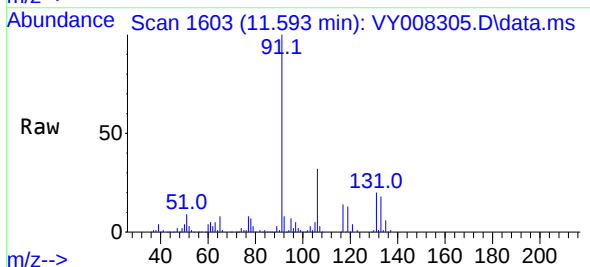
Tgt Ion:112 Resp: 88369
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

Manual Integrations
APPROVED

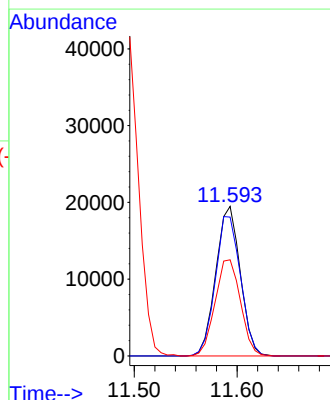
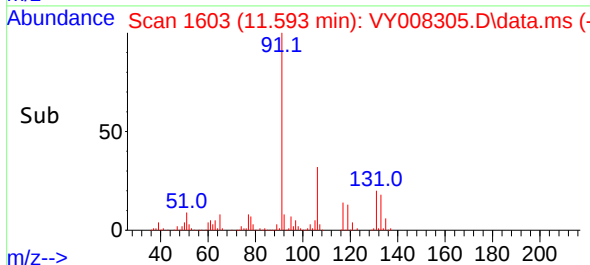
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

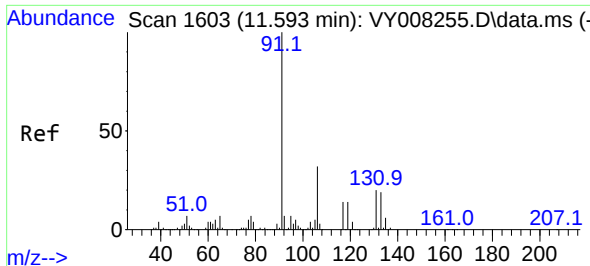


#66
1,1,1,2-Tetrachloroethane
Concen: 18.295 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion:131 Resp: 32145
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 66.9 30.8 92.3





#67

Ethyl Benzene

Concen: 19.285 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008305.D

Acq: 13 Apr 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tgt Ion: 91 Resp: 154419

Ion Ratio Lower Upper

91 100

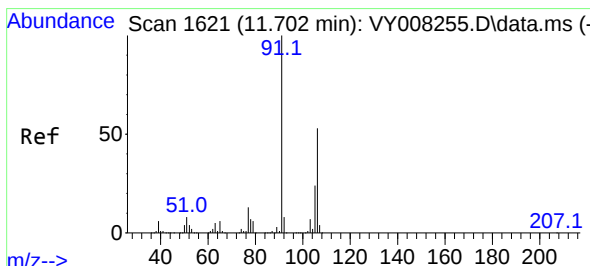
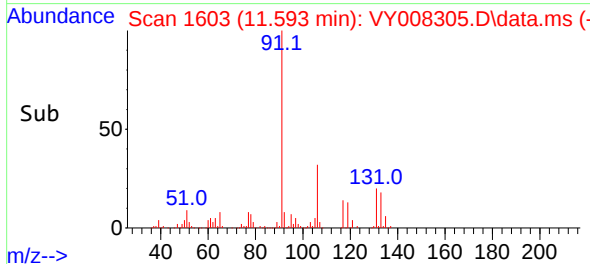
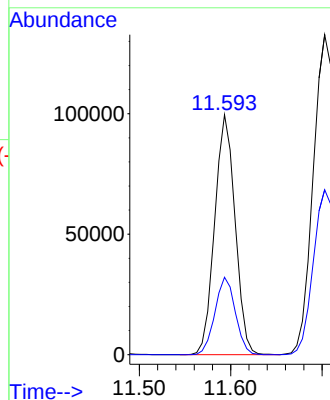
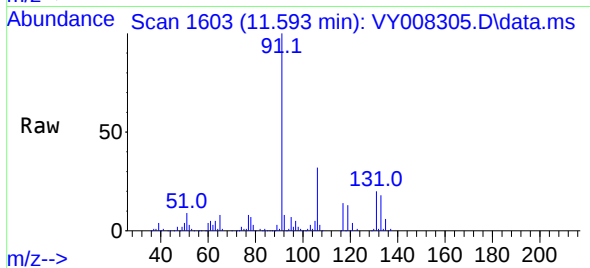
106 32.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#68

m/p-Xylenes

Concen: 38.927 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VY008305.D

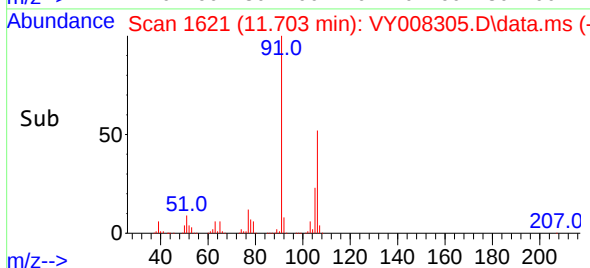
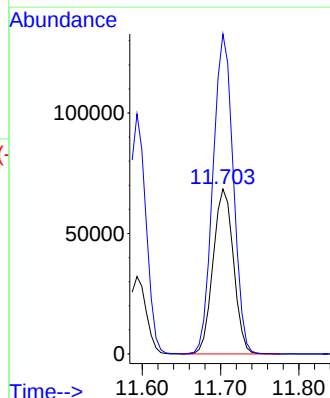
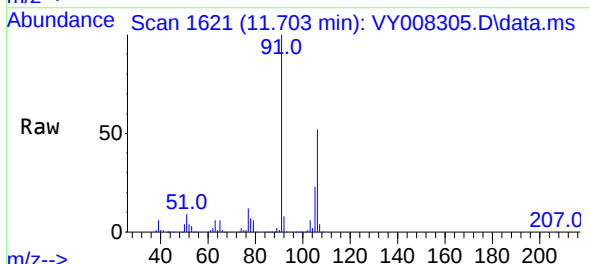
Acq: 13 Apr 2022 12:03

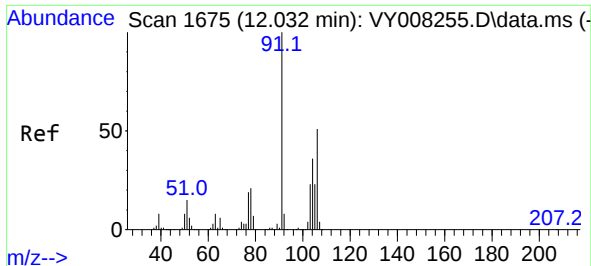
Tgt Ion:106 Resp: 123961

Ion Ratio Lower Upper

106 100

91 193.0 166.6 249.8





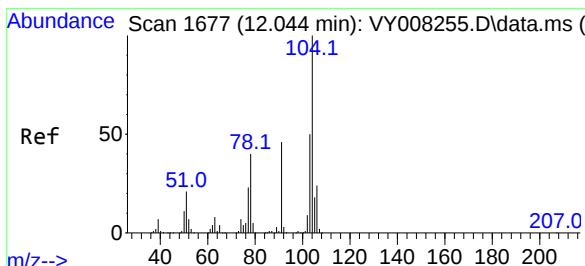
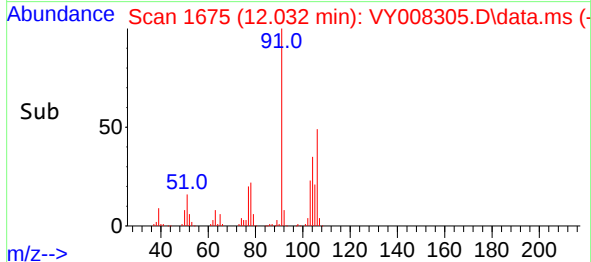
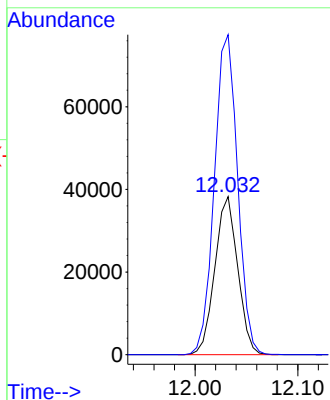
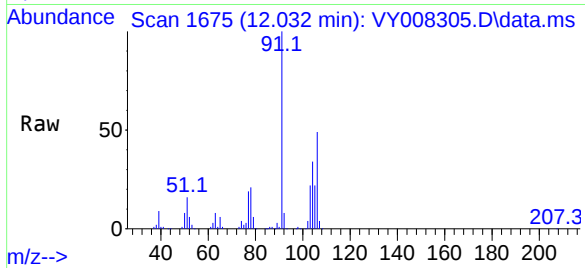
#69
o-Xylene
Concen: 19.095 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion:106 Resp: 59009
Ion Ratio Lower Upper
106 100
91 205.7 110.3 331.0

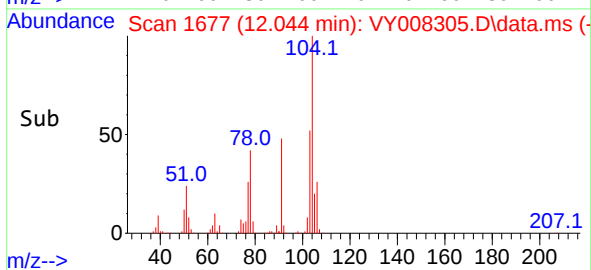
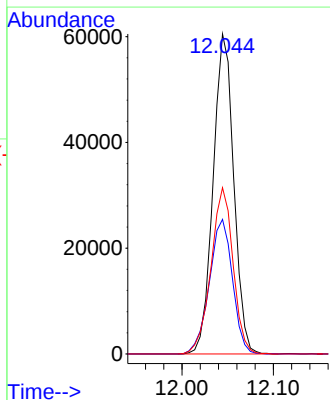
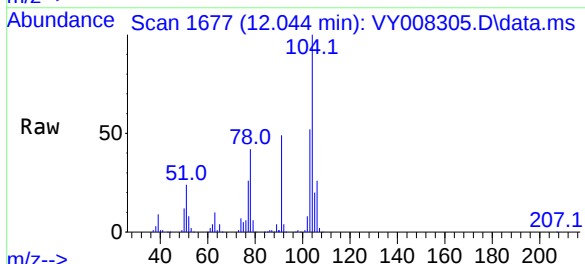
Manual Integrations
APPROVED

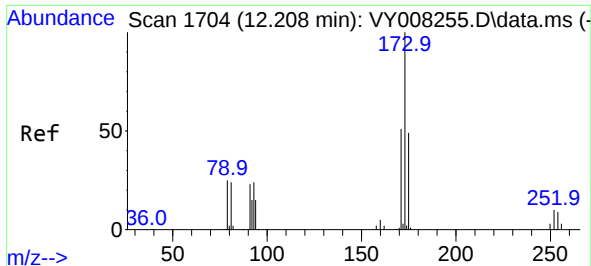
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#70
Styrene
Concen: 18.615 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

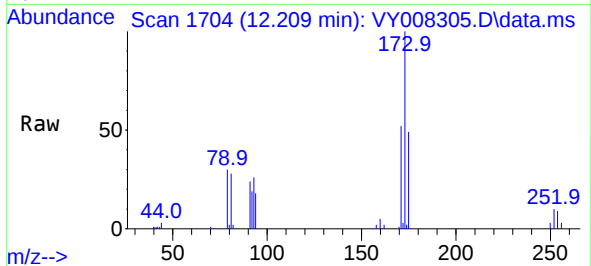
Tgt Ion:104 Resp: 94873
Ion Ratio Lower Upper
104 100
78 47.0 42.4 63.6
103 55.6 44.4 66.6





#71
Bromoform
Concen: 17.121 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

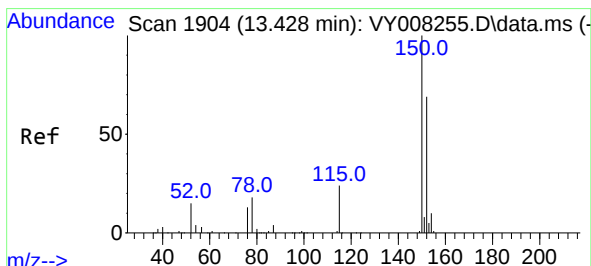
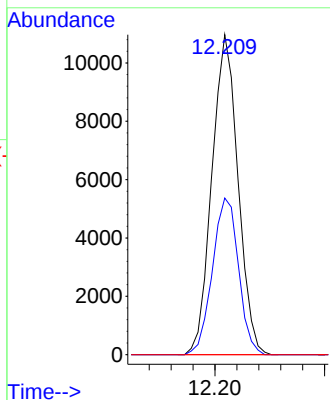
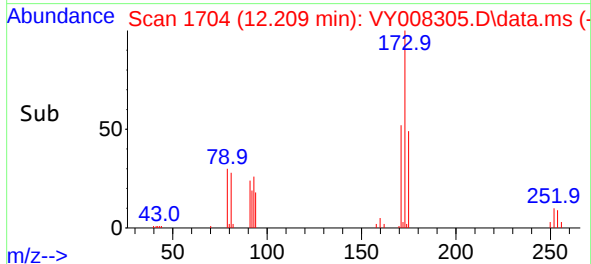
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



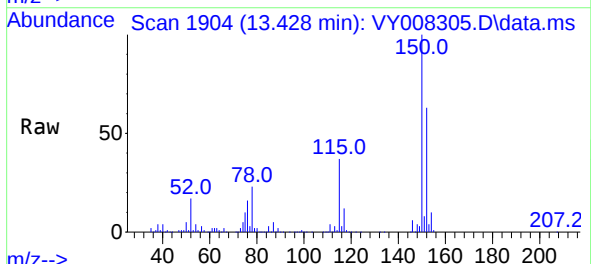
Tgt Ion:173 Resp: 1813
Ion Ratio Lower Upper
173 100
175 48.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

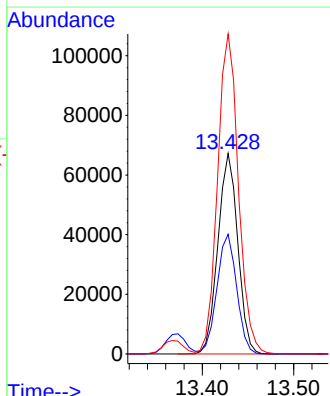
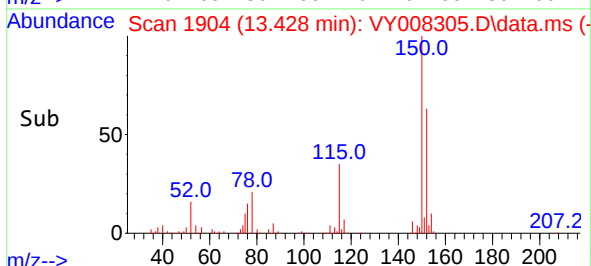
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

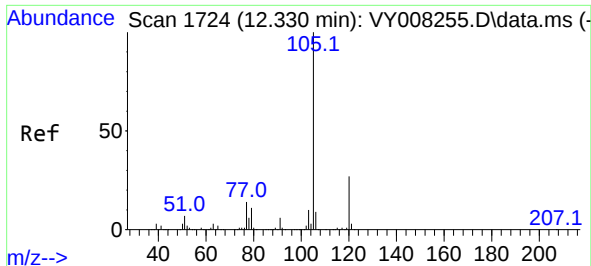


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



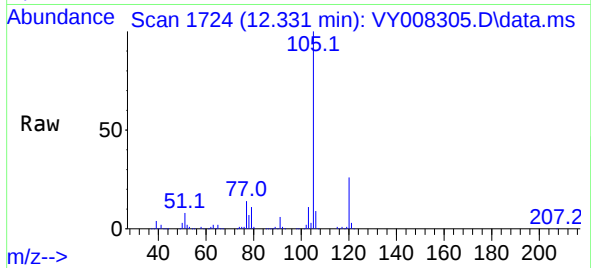
Tgt Ion:152 Resp: 101856
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 167.1 0.0 347.6





#73
Isopropylbenzene
Concen: 20.641 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

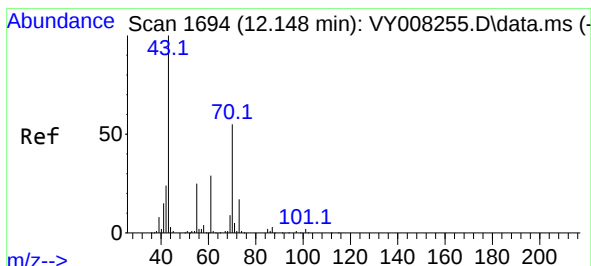
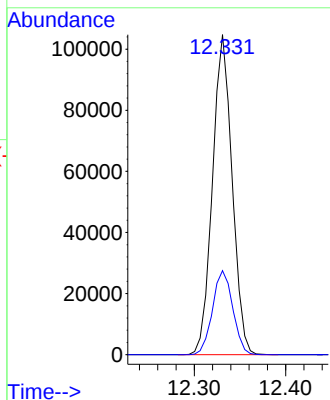
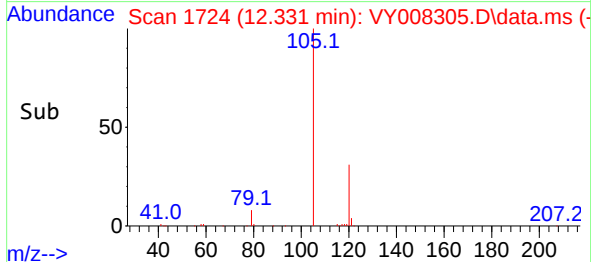
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



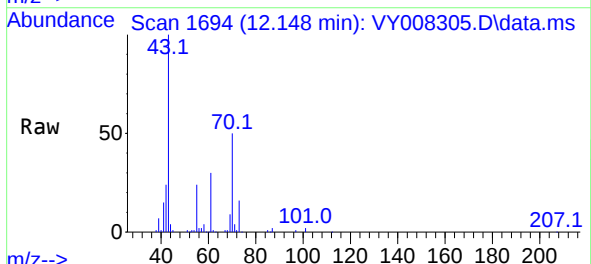
Tgt Ion:105 Resp: 156308
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

Manual Integrations
APPROVED

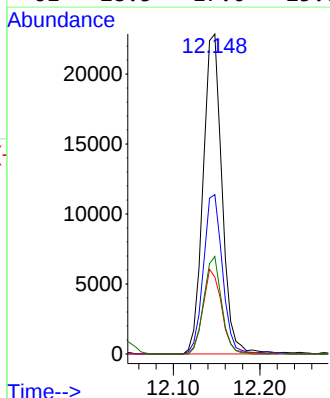
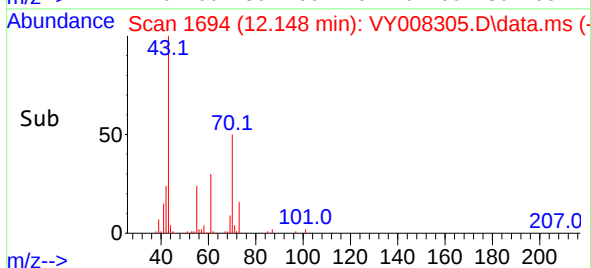
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

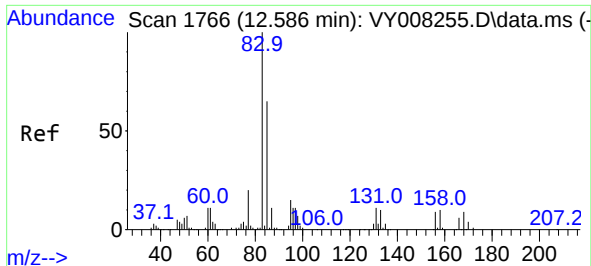


#74
N-ethyl acetate
Concen: 21.087 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



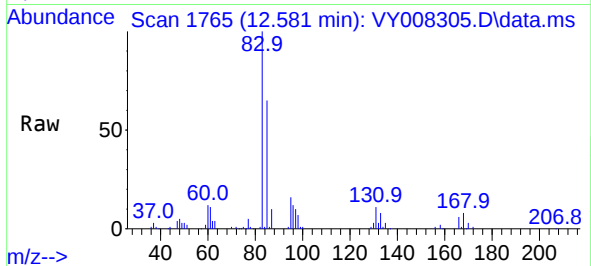
Tgt Ion: 43 Resp: 34670
Ion Ratio Lower Upper
43 100
70 50.1 28.7 43.1#
55 26.3 17.3 25.9#
61 28.5 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.023 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.005 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

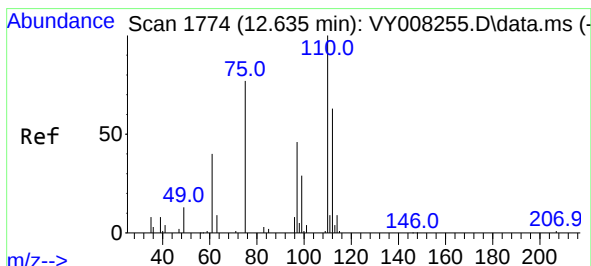
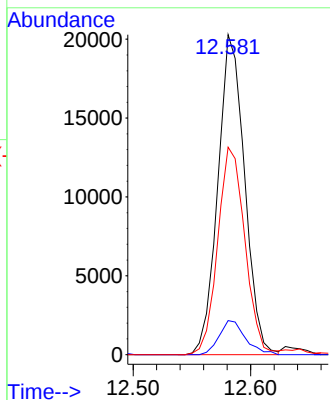
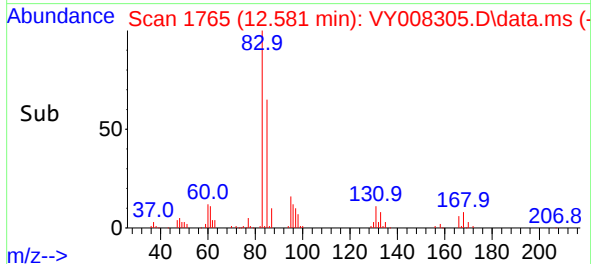
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBSD01



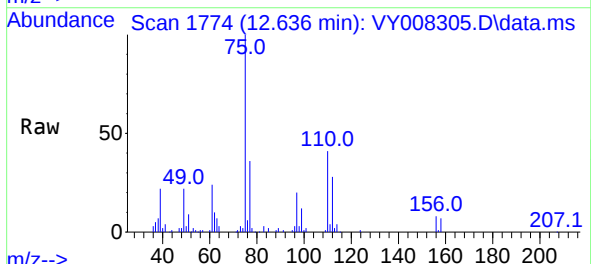
Tgt Ion: 83 Resp: 32084
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 65.9 32.3 96.8

Manual Integrations
APPROVED

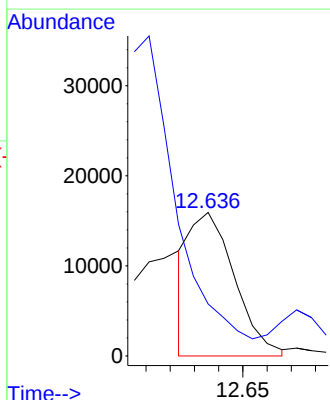
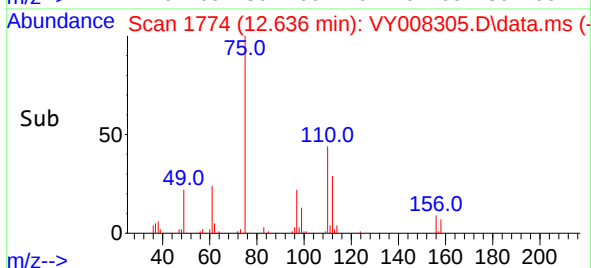
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

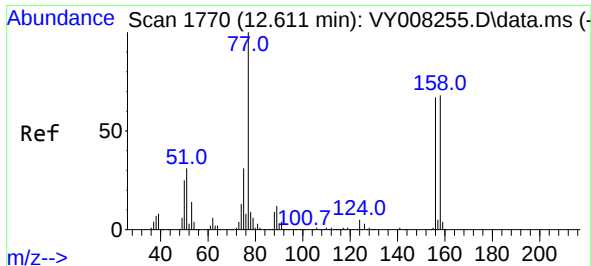


#76
1,2,3-Trichloropropane
Concen: 18.351 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion: 75 Resp: 20673
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





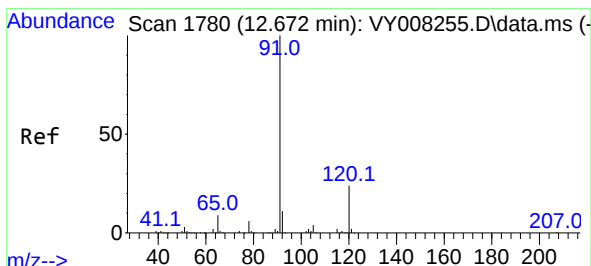
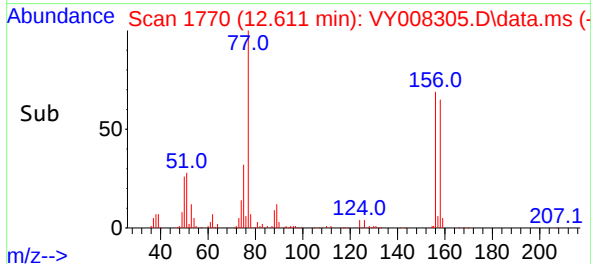
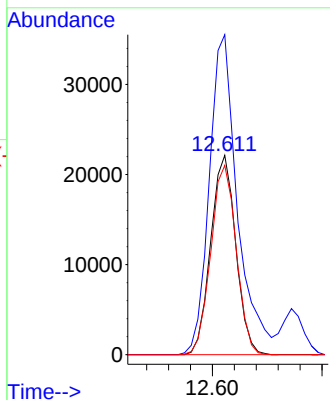
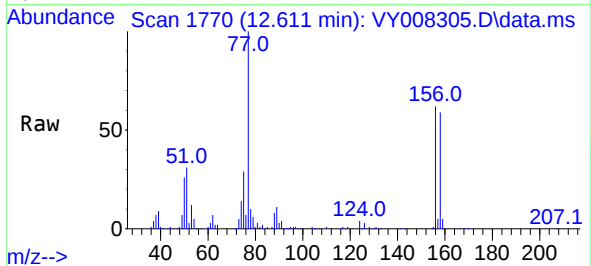
#77
Bromobenzene
Concen: 18.935 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion:156 Resp: 35138
Ion Ratio Lower Upper
156 100
77 179.8 95.5 286.4
158 96.2 48.0 144.0

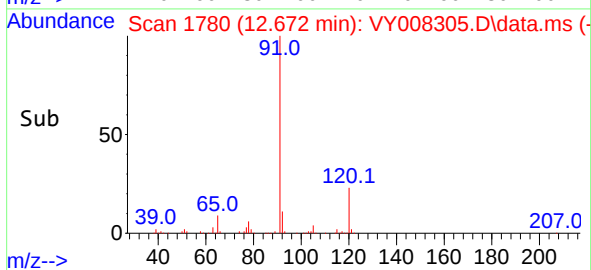
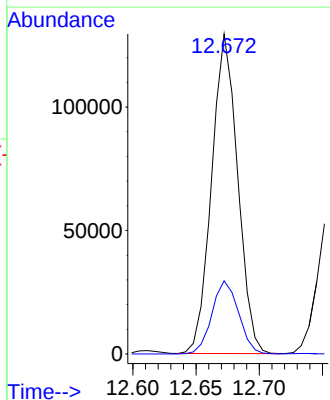
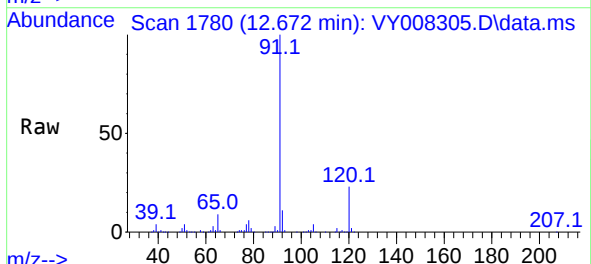
Manual Integrations
APPROVED

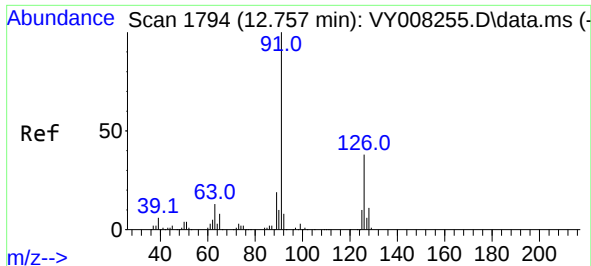
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#78
n-propylbenzene
Concen: 20.754 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Tgt Ion: 91 Resp: 185453
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9





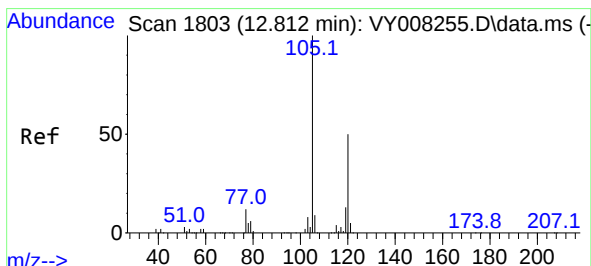
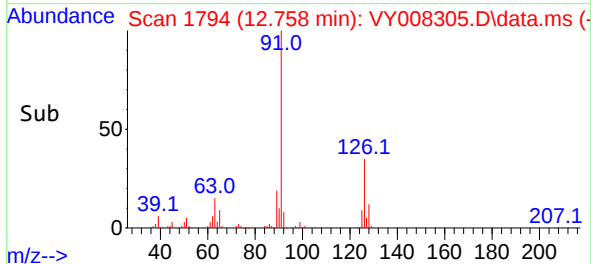
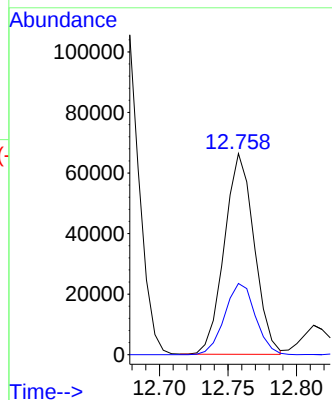
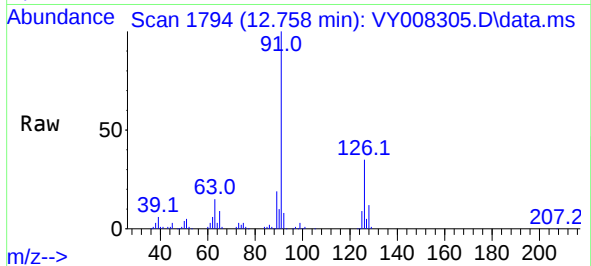
#79
2-Chlorotoluene
Concen: 20.054 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion: 91 Resp: 100570
Ion Ratio Lower Upper
91 100
126 36.6 16.9 50.6

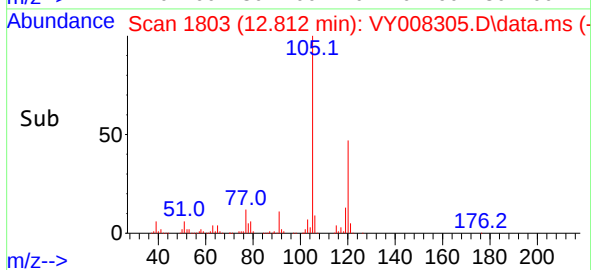
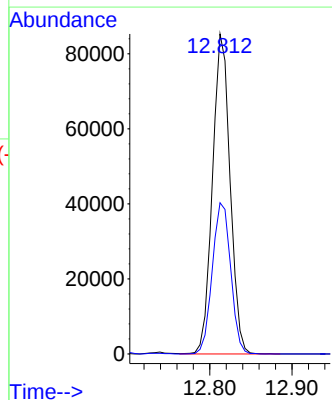
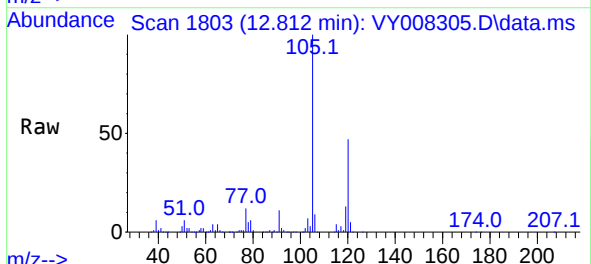
Manual Integrations
APPROVED

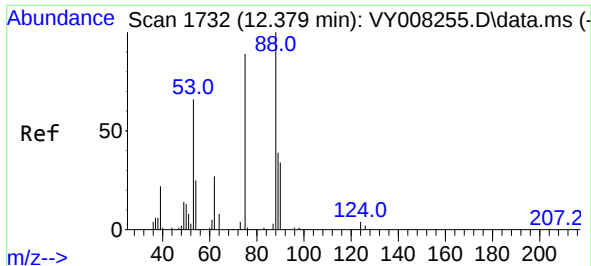
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.402 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

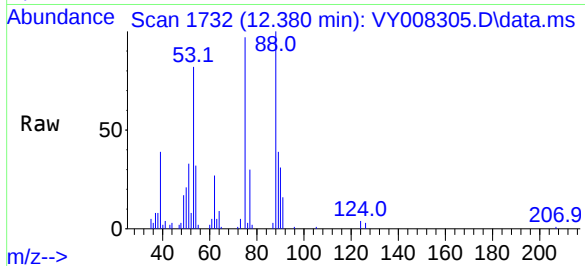
Tgt Ion:105 Resp: 126691
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.263 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

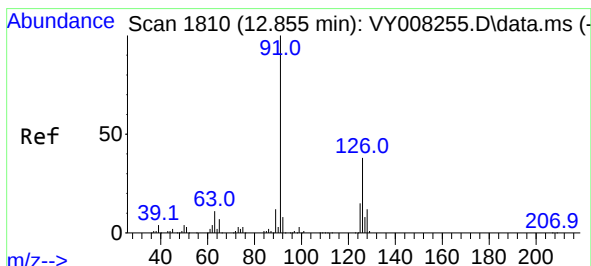
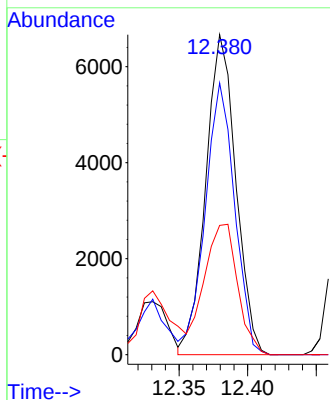
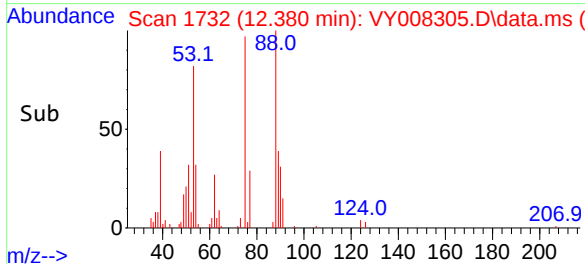
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



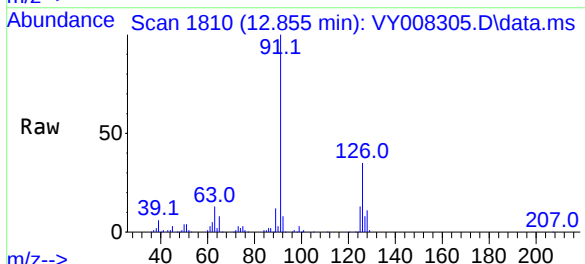
Tgt Ion: 75 Resp: 1020
Ion Ratio Lower Upper
75 100
53 83.1 85.3 127.9
89 45.1 37.0 55.4

Manual Integrations
APPROVED

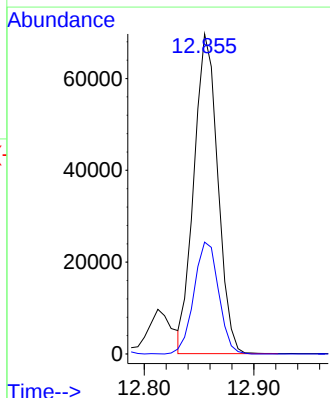
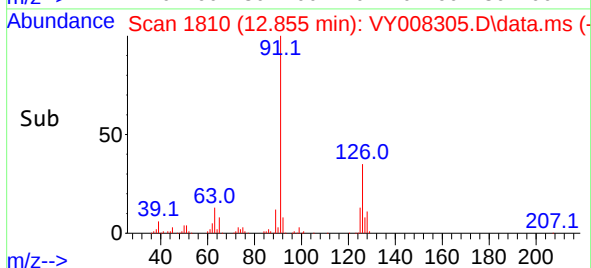
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

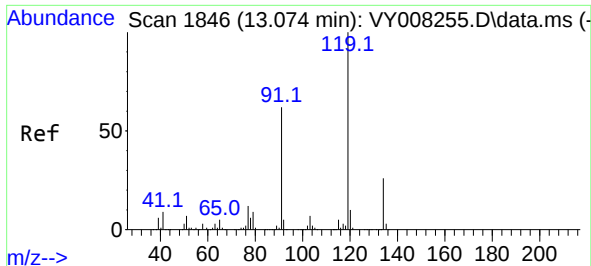


#82
4-Chlorotoluene
Concen: 20.385 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion: 91 Resp: 105055
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0





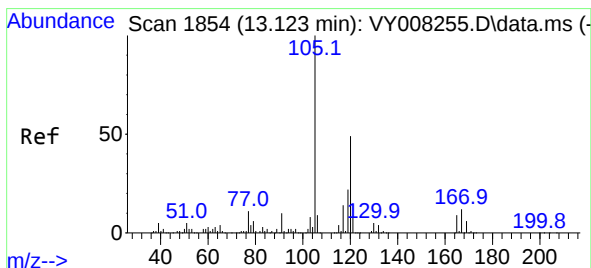
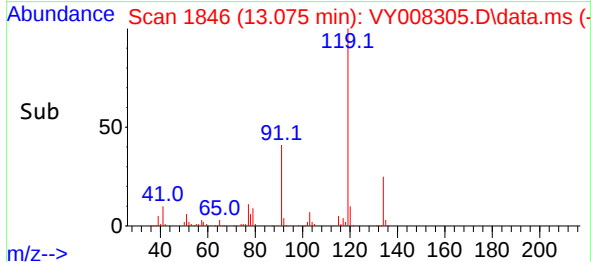
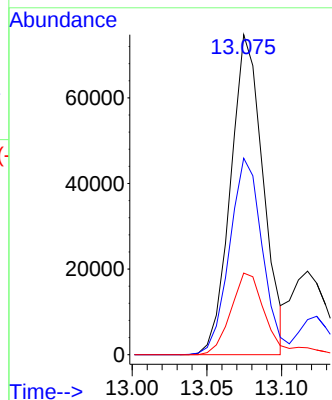
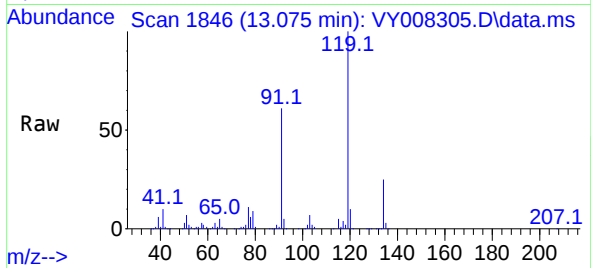
#83
tert-Butylbenzene
Concen: 20.331 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion:119 Resp: 11325
Ion Ratio Lower Upper
119 100
91 62.1 34.8 104.4
134 27.7 13.3 39.9

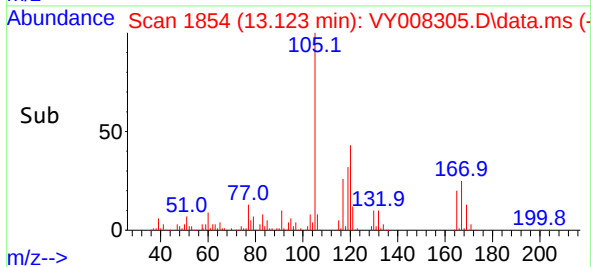
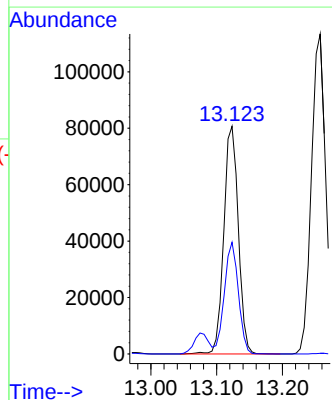
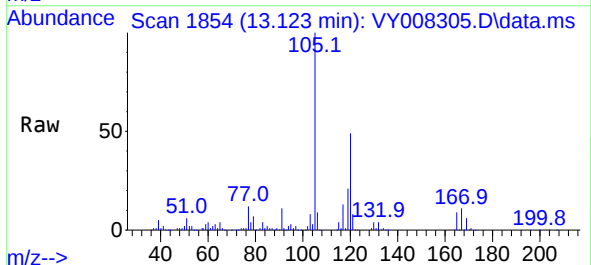
Manual Integrations
APPROVED

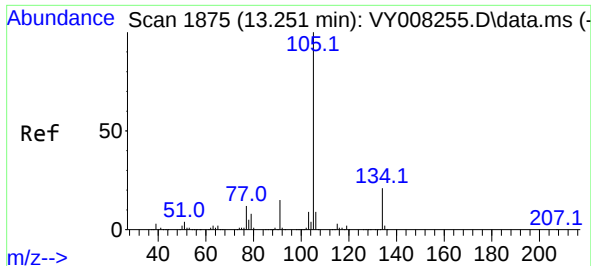
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.145 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

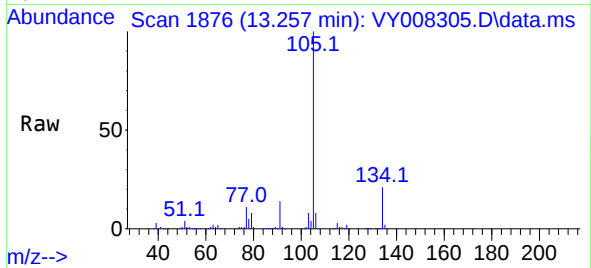
Tgt Ion:105 Resp: 123799
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.679 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03

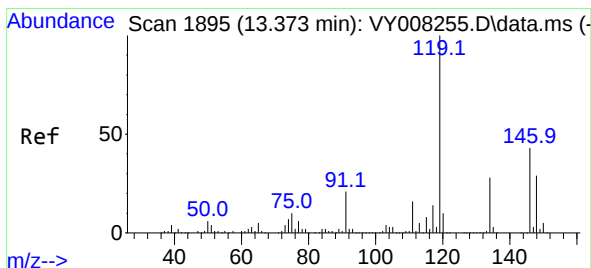
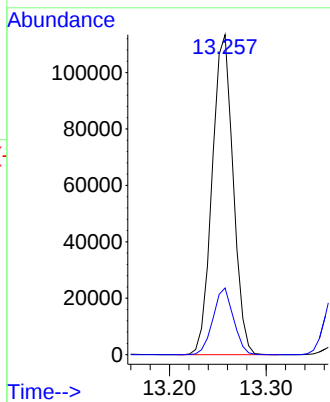
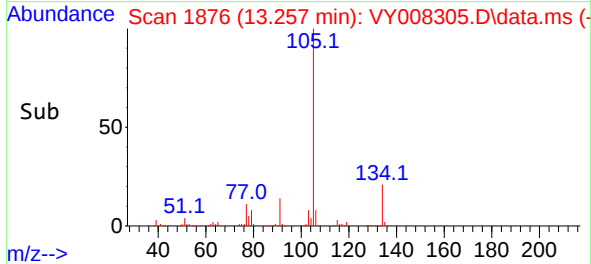
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01



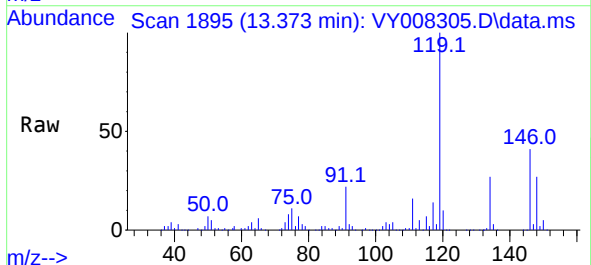
Tgt Ion:105 Resp: 17078
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations
 APPROVED

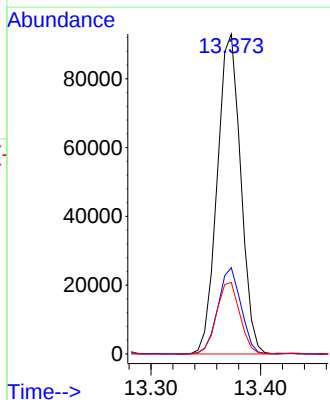
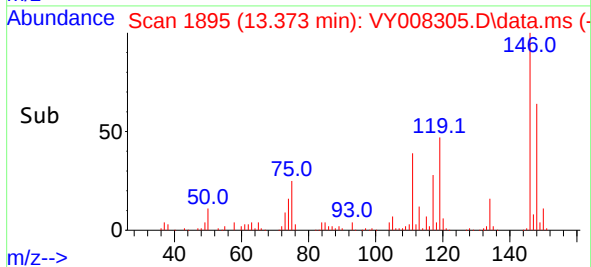
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

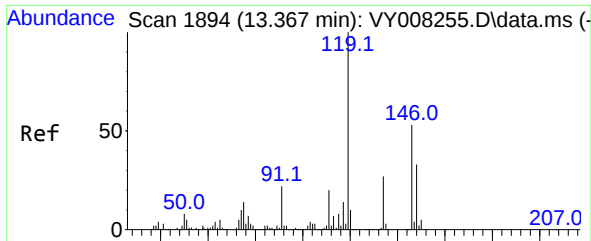


#86
 p-Isopropyltoluene
 Concen: 20.102 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY008305.D
 Acq: 13 Apr 2022 12:03



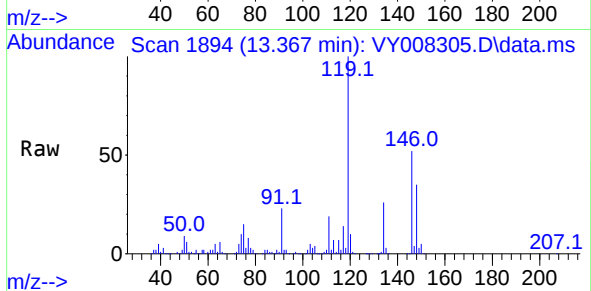
Tgt Ion:119 Resp: 138539
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.004 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

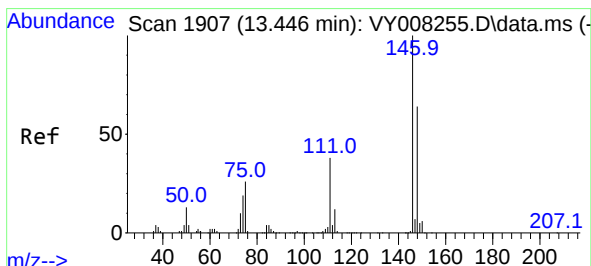
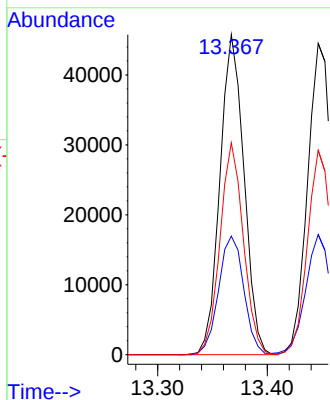
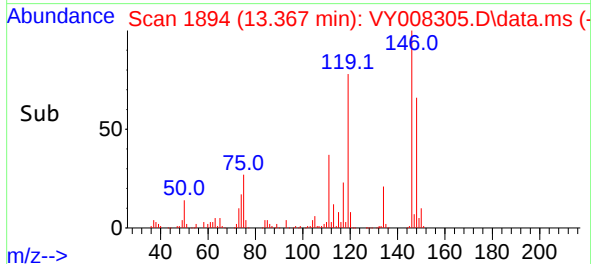
Instrument :
MSVOA_Y
ClientSampleId :
VY0413BSD01



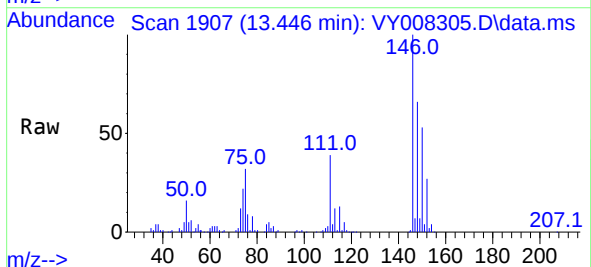
Tgt Ion:146 Resp: 6984
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 64.5 31.6 95.0

Manual Integrations
APPROVED

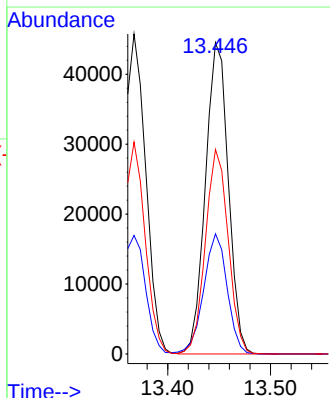
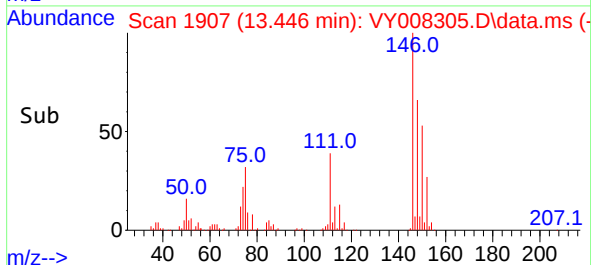
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

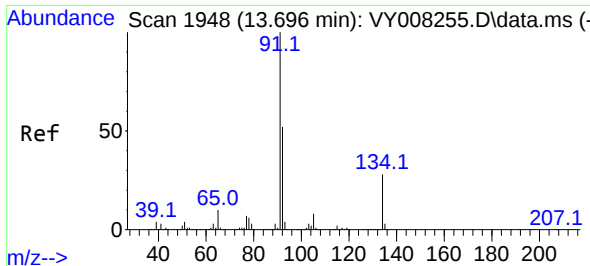


#88
1,4-Dichlorobenzene
Concen: 18.967 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion:146 Resp: 68992
Ion Ratio Lower Upper
146 100
111 39.6 19.3 57.8
148 65.4 32.6 97.8





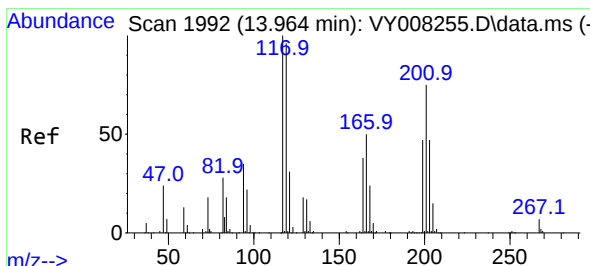
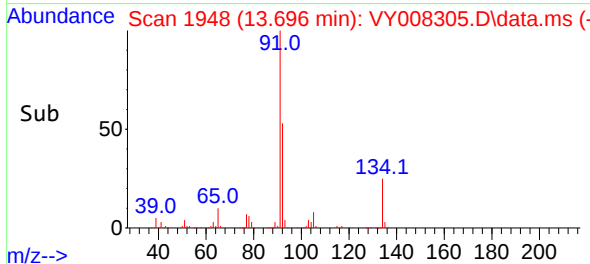
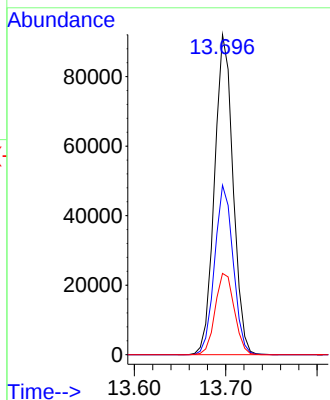
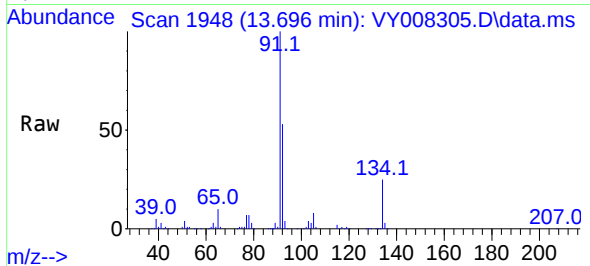
#89
n-Butylbenzene
Concen: 20.835 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tgt Ion: 91 Resp: 129734
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 26.3 13.0 38.9

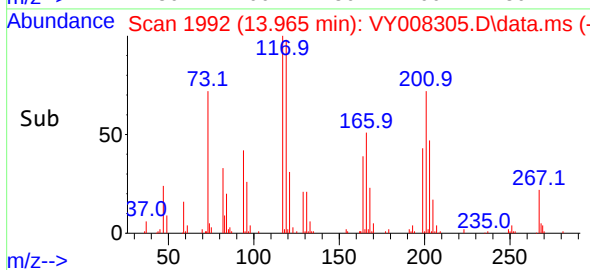
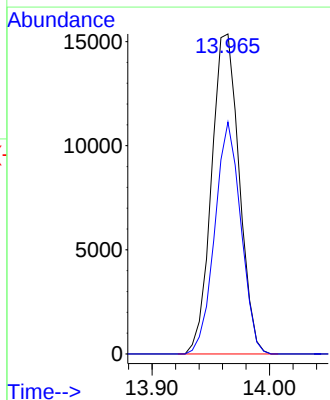
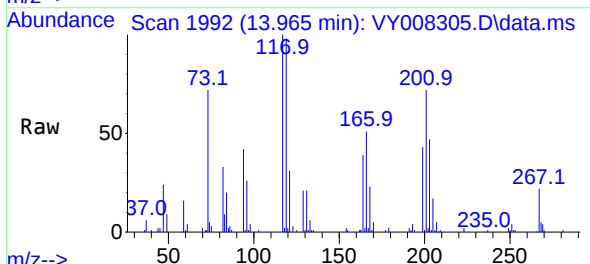
Manual Integrations
APPROVED

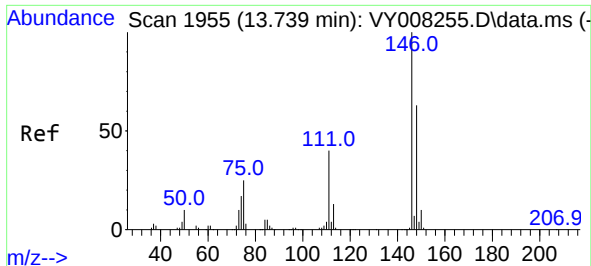
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#90
Hexachloroethane
Concen: 19.550 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

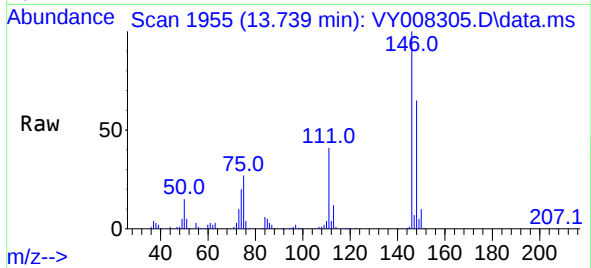
Tgt Ion:117 Resp: 25183
Ion Ratio Lower Upper
117 100
201 68.3 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 18.907 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

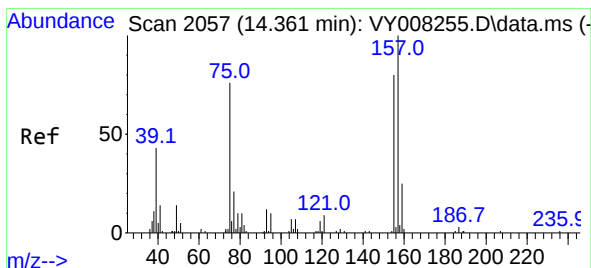
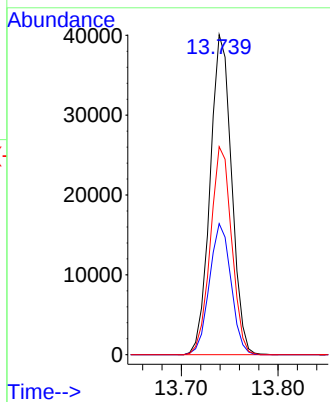
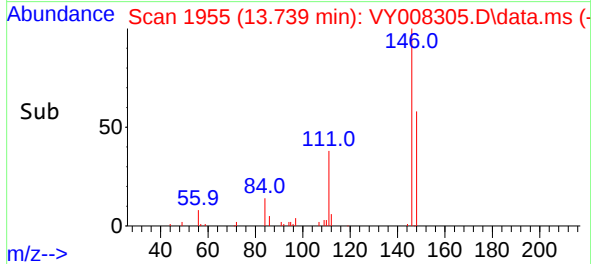
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



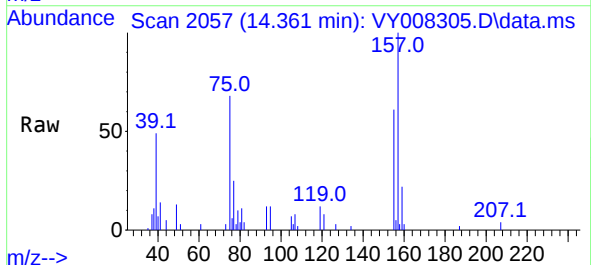
Tgt Ion:146 Resp: 6182
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 64.4 32.3 96.9

Manual Integrations
APPROVED

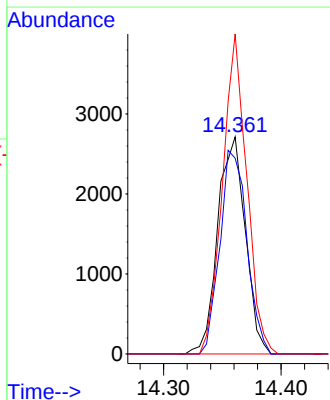
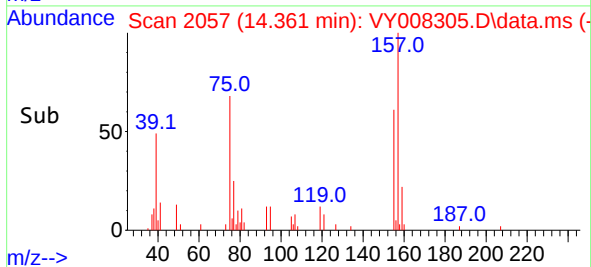
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

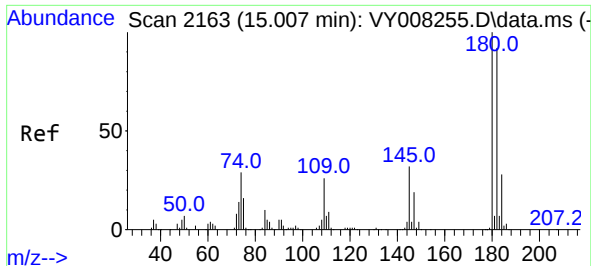


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.323 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



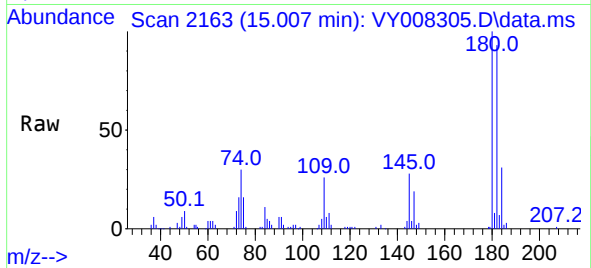
Tgt Ion: 75 Resp: 4430
Ion Ratio Lower Upper
75 100
155 91.7 38.0 113.9
157 129.6 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 18.234 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

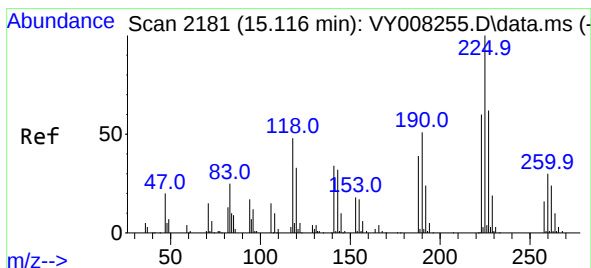
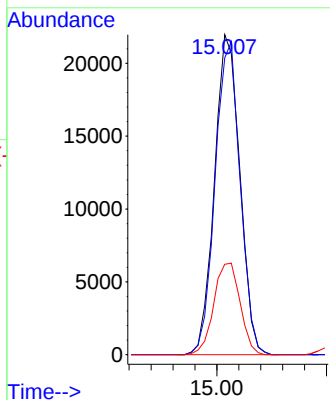
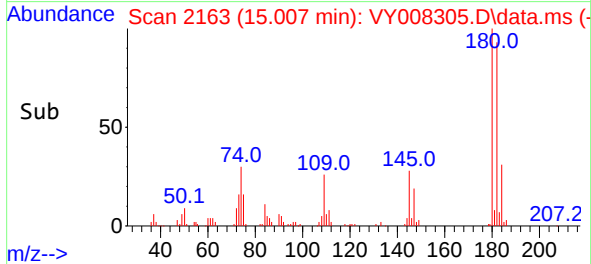
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



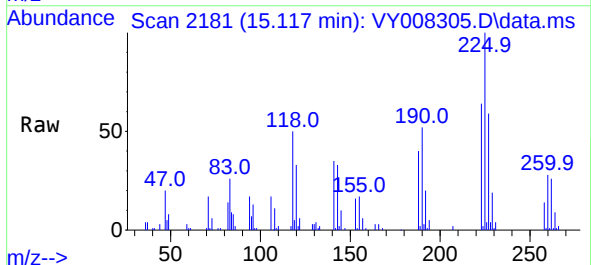
Tgt Ion:180 Resp: 3526
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.9
145 29.7 14.6 43.8

Manual Integrations
APPROVED

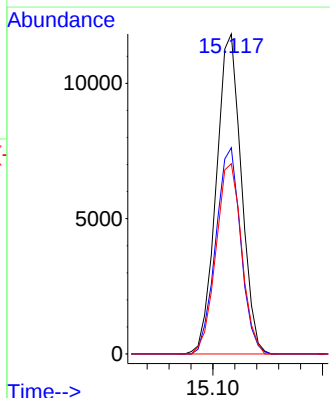
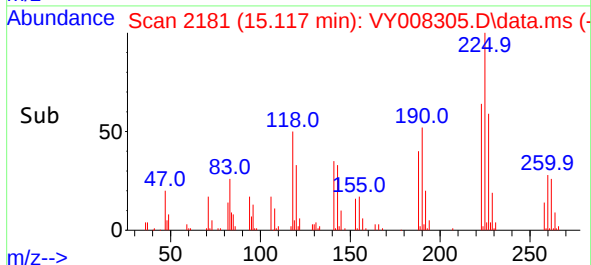
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

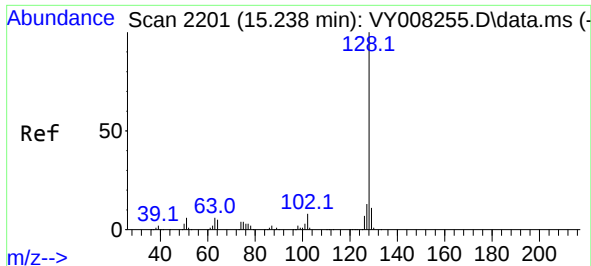


#94
Hexachlorobutadiene
Concen: 19.119 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



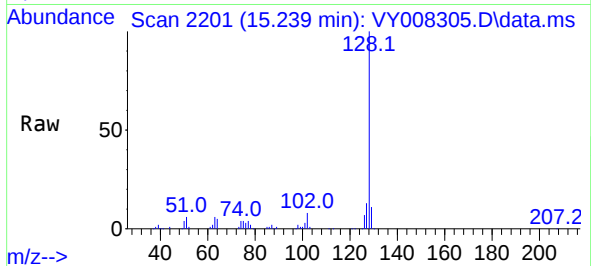
Tgt Ion:225 Resp: 18771
Ion Ratio Lower Upper
225 100
223 64.0 30.8 92.3
227 60.9 31.6 94.7





#95
Naphthalene
Concen: 18.248 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03

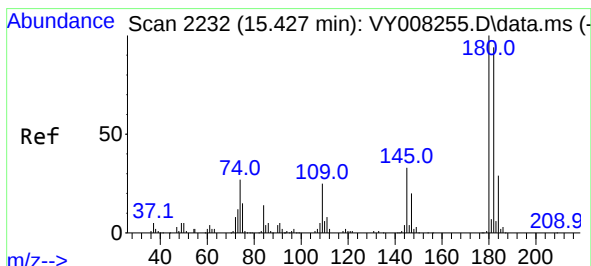
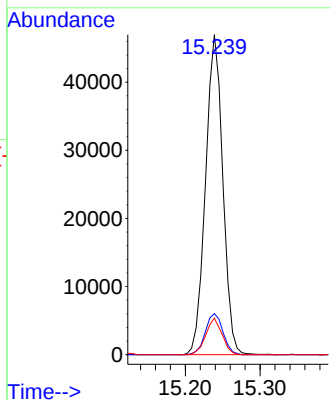
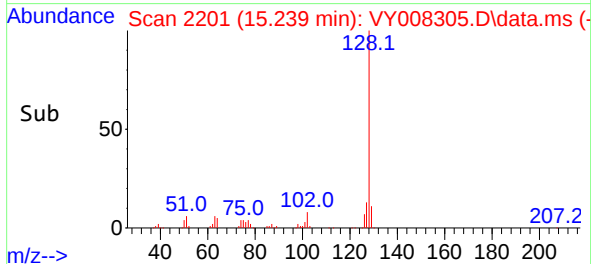
Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01



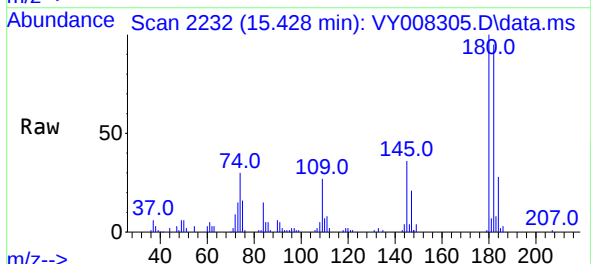
Tgt Ion:128 Resp: 75590
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.771 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.001 min
Lab File: VY008305.D
Acq: 13 Apr 2022 12:03



Tgt Ion:180 Resp: 30076
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.9
145 34.0 15.3 45.9

