

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008196.D
 Acq On : 04 Apr 2022 21:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 04:44:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71046	49.080	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.160%		
35) Dibromofluoromethane	7.716	113	76304	49.245	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.500%		
50) Toluene-d8	10.179	98	276624	47.386	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.780%		
62) 4-Bromofluorobenzene	12.483	95	97038	47.116	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54325	41.769	ug/l	99
3) Chloromethane	2.113	50	76607	48.370	ug/l	94
4) Vinyl Chloride	2.253	62	101037	47.947	ug/l	97
5) Bromomethane	2.650	94	90007	52.118	ug/l	100
6) Chloroethane	2.796	64	70310	50.723	ug/l	96
7) Trichlorofluoromethane	3.125	101	114120	42.811	ug/l	93
8) Diethyl Ether	3.528	74	41992	48.644	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.900	101	73029	44.165	ug/l	93
10) Methyl Iodide	4.095	142	70416	36.919	ug/l	90
11) Tert butyl alcohol	4.954	59	36165	240.799	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	67523	44.110	ug/l	81
13) Acrolein	3.729	56	25355	207.414	ug/l	97
14) Allyl chloride	4.479	41	94780	47.059	ug/l #	90
15) Acrylonitrile	5.161	53	112758	274.226	ug/l	96
16) Acetone	3.948	43	76104	230.014	ug/l #	85
17) Carbon Disulfide	4.192	76	188056	43.355	ug/l	99
18) Methyl Acetate	4.473	43	46014	53.449	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	218311	50.183	ug/l	92
20) Methylene Chloride	4.716	84	89698	53.626	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	84636	47.750	ug/l #	81
22) Diisopropyl ether	6.119	45	223138	51.496	ug/l #	89
23) Vinyl Acetate	6.058	43	734594	273.601	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	143298	49.953	ug/l	98
25) 2-Butanone	6.984	43	133021	264.190	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	119965	44.158	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	101014	49.167	ug/l	80
28) Bromochloromethane	7.338	49	38756	51.439	ug/l #	67
29) Tetrahydrofuran	7.344	42	88890	271.549	ug/l #	73
30) Chloroform	7.509	83	156318	50.325	ug/l	96
31) Cyclohexane	7.783	56	114320	42.250	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	136822	47.673	ug/l	95
36) 1,1-Dichloropropene	7.917	75	112577	46.253	ug/l	96
37) Ethyl Acetate	7.070	43	59472	52.305	ug/l #	90
38) Carbon Tetrachloride	7.899	117	118036	44.501	ug/l	98
39) Methylcyclohexane	9.185	83	141223	42.986	ug/l #	83
40) Benzene	8.161	78	340565	48.916	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26163m	45.826	ug/l	
42) 1,2-Dichloroethane	8.234	62	95703	49.002	ug/l	88
43) Isopropyl Acetate	8.271	43	111831	50.102	ug/l #	84
44) Trichloroethene	8.941	130	96063	47.715	ug/l	99
45) 1,2-Dichloropropane	9.216	63	82172	50.080	ug/l	93
46) Dibromomethane	9.307	93	53736	49.807	ug/l	96
47) Bromodichloromethane	9.496	83	122792	49.773	ug/l	99
48) Methyl methacrylate	9.289	41	48558	49.118	ug/l #	74
49) 1,4-Dioxane	9.295	88	15150	1056.310	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	303704	269.776	ug/l #	83
52) Toluene	10.246	92	224596	49.190	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	123617	48.882	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	140128	48.949	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	77770	52.204	ug/l	96
56) Ethyl methacrylate	10.508	69	99405	51.153	ug/l #	73
57) 1,3-Dichloropropane	10.789	76	124357	51.003	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	177455	220.399	ug/l #	88
59) 2-Hexanone	10.831	43	208779	265.032	ug/l	78
60) Dibromochloromethane	10.984	129	92308	50.947	ug/l	100
61) 1,2-Dibromoethane	11.087	107	76137	51.315	ug/l	100
64) Tetrachloroethene	10.721	164	80493	45.906	ug/l	99
65) Chlorobenzene	11.520	112	250017	48.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	93782	49.391	ug/l	97
67) Ethyl Benzene	11.593	91	430599	47.727	ug/l	97
68) m/p-Xylenes	11.703	106	348201	97.059	ug/l	89
69) o-Xylene	12.032	106	167991	48.907	ug/l	88
70) Styrene	12.044	104	281019	49.976	ug/l	93
71) Bromoform	12.209	173	57943	50.542	ug/l #	98
73) Isopropylbenzene	12.331	105	428934	44.949	ug/l	98
74) N-amyl acetate	12.142	43	96227	45.873	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	92554	49.900	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	71574m	50.787	ug/l	
77) Bromobenzene	12.611	156	105694	48.279	ug/l	90
78) n-propylbenzene	12.672	91	511380	45.432	ug/l	97
79) 2-Chlorotoluene	12.758	91	286006	45.804	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	353887	45.268	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	28455	45.049	ug/l #	83
82) 4-Chlorotoluene	12.855	91	291155	45.444	ug/l	94
83) tert-Butylbenzene	13.075	119	319422	45.862	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	352155	46.258	ug/l	96
85) sec-Butylbenzene	13.258	105	468738	45.596	ug/l	98
86) p-Isopropyltoluene	13.373	119	394624	46.124	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	209269	48.215	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	206043	47.601	ug/l	98
89) n-Butylbenzene	13.697	91	347201	44.107	ug/l	98
90) Hexachloroethane	13.965	117	70796	42.706	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	185249	48.477	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13668	46.170	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	101960	44.549	ug/l	99
94) Hexachlorobutadiene	15.111	225	51730	42.725	ug/l	98
95) Naphthalene	15.239	128	236636	46.775	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	89966	45.430	ug/l	99

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

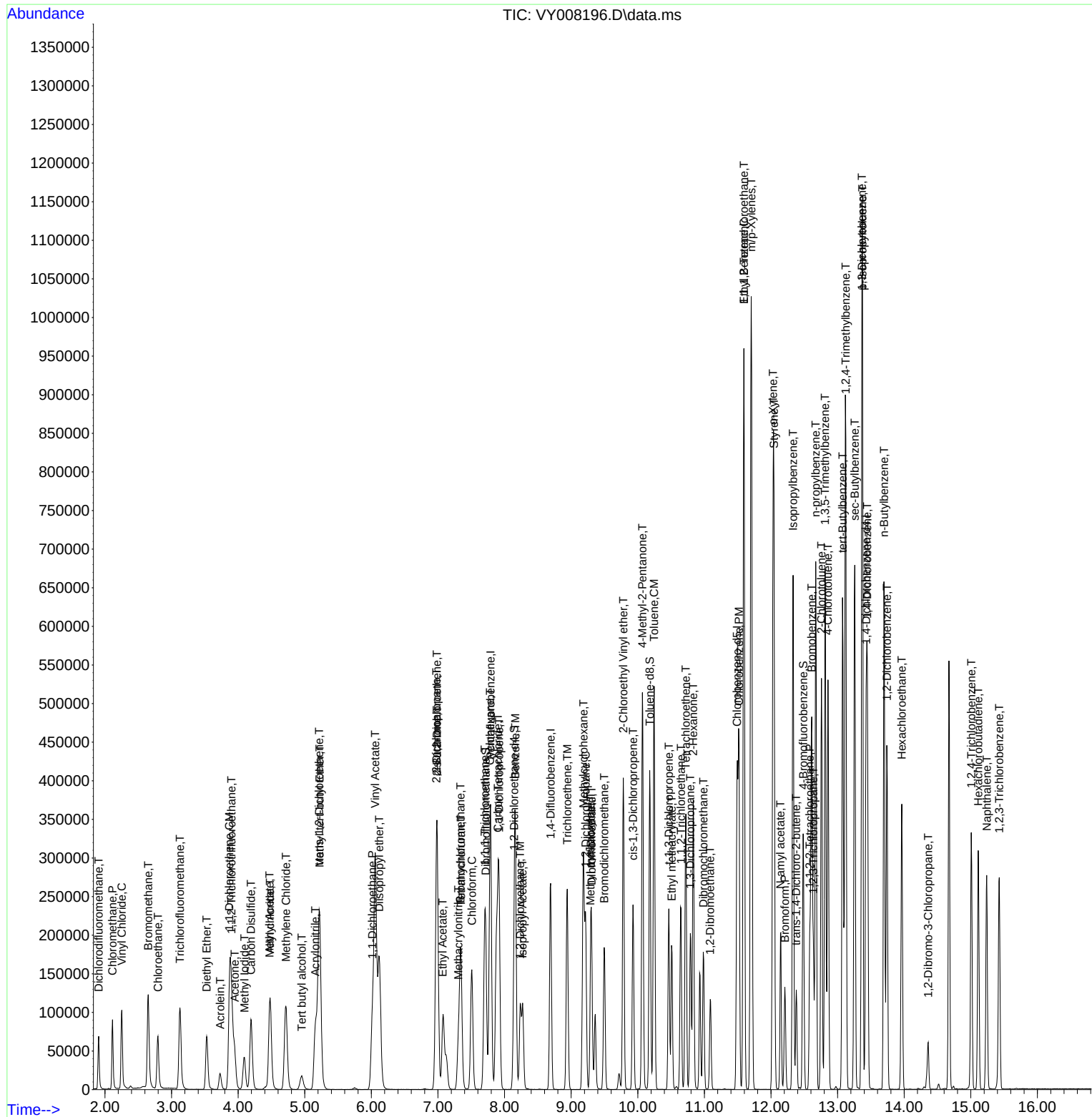
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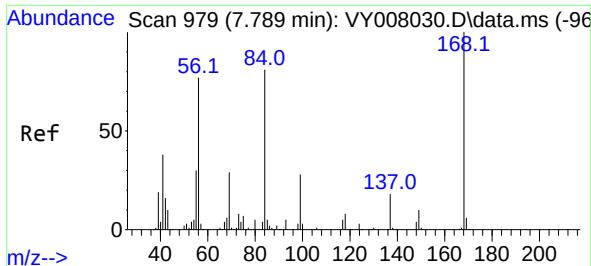
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Manual Integrations APPROVED

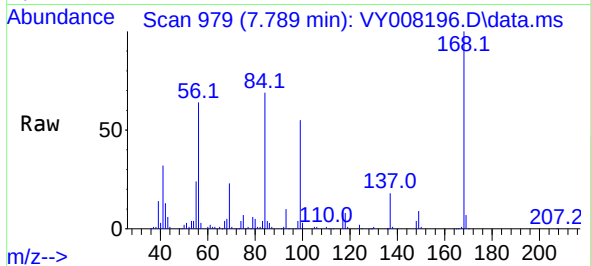
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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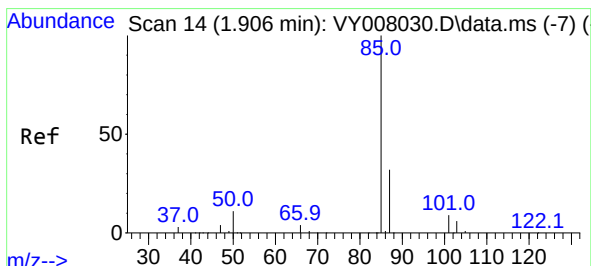
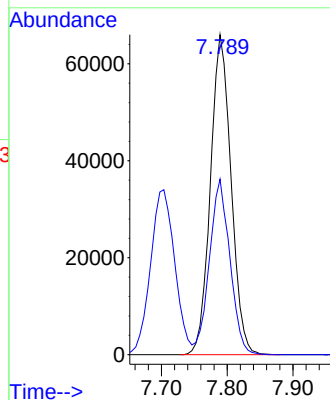
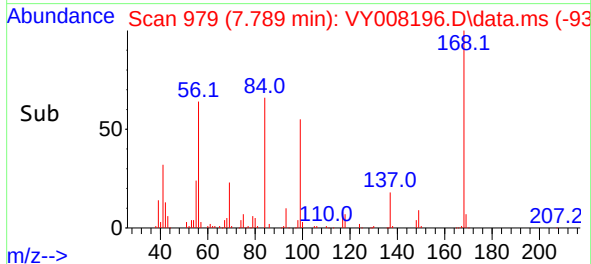
Instrument :
MSVOA_Y
ClientSampleId :
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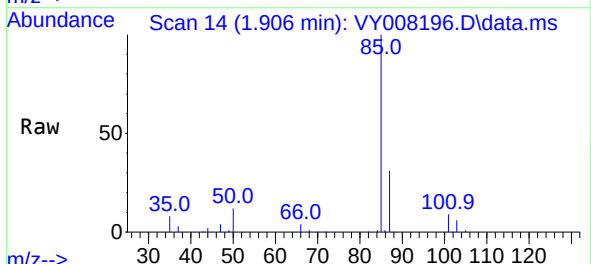
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Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3

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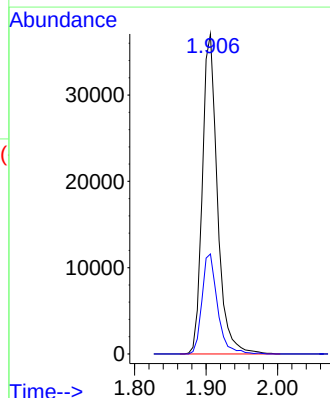
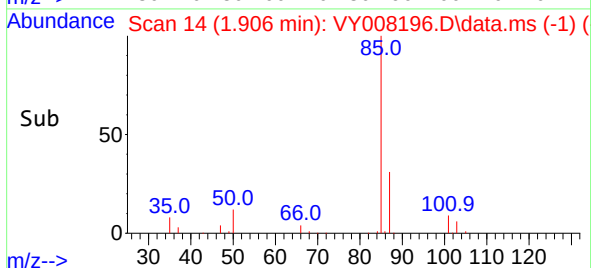
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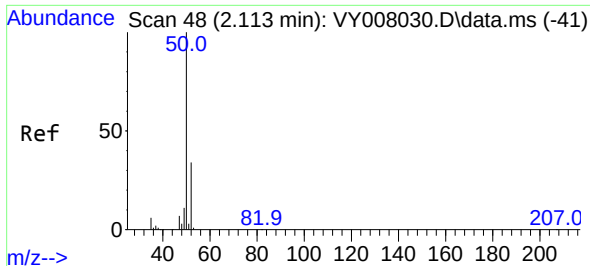


#2
Dichlorodifluoromethane
Concen: 41.769 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008196.D
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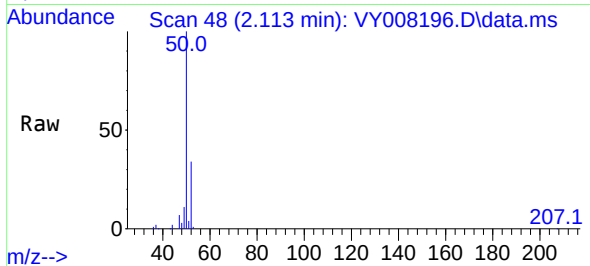
Tgt Ion: 85 Resp: 54325
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2





#3
Chloromethane
Concen: 48.370 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

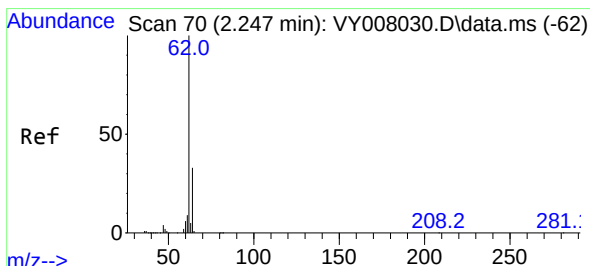
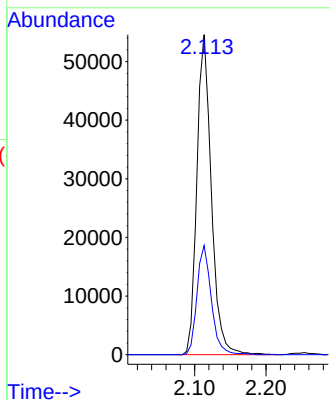
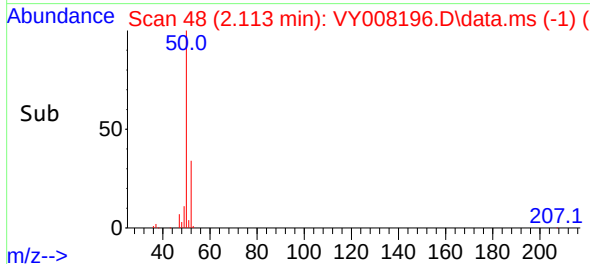
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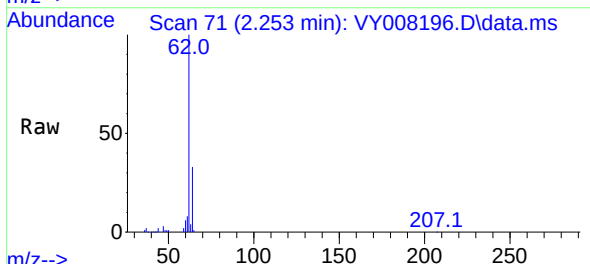
Tgt Ion: 50 Resp: 7660
Ion Ratio Lower Upper
50 100
52 34.1 24.6 37.0

Manual Integrations
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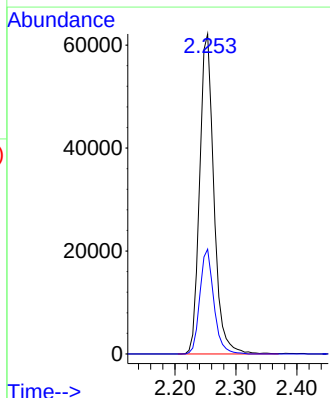
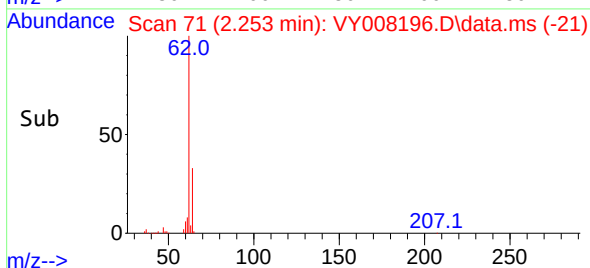
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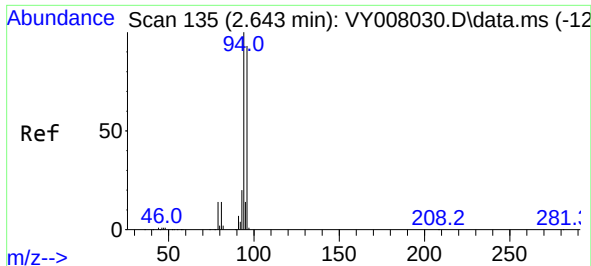


#4
Vinyl Chloride
Concen: 47.947 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



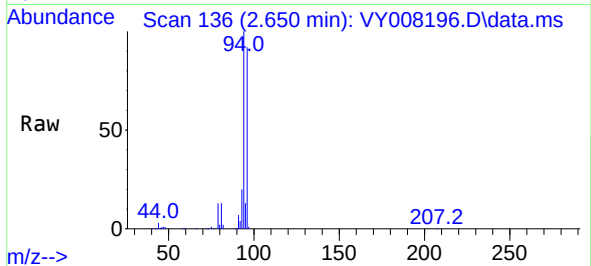
Tgt Ion: 62 Resp: 101037
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6





#5
Bromomethane
Concen: 52.118 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008196.D
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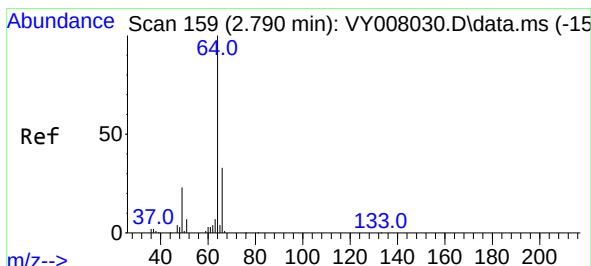
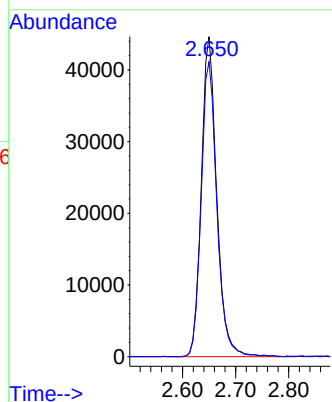
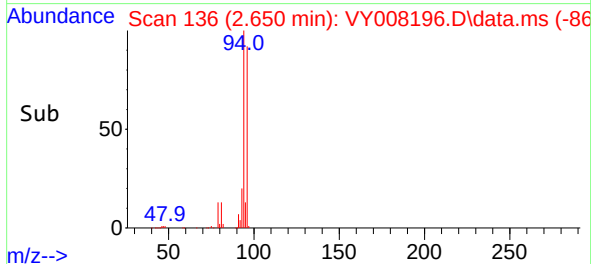
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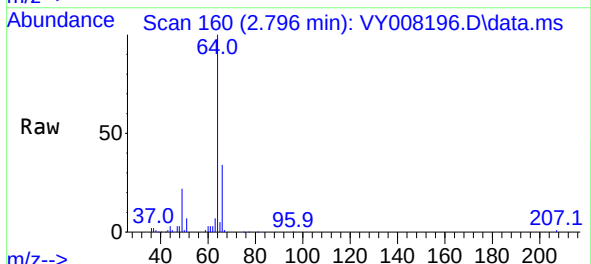
Tgt Ion: 94 Resp: 9000
Ion Ratio Lower Upper
94 100
96 92.2 73.5 110.3

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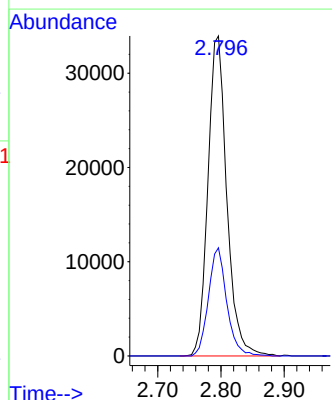
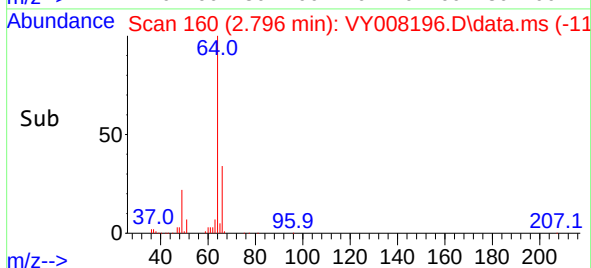
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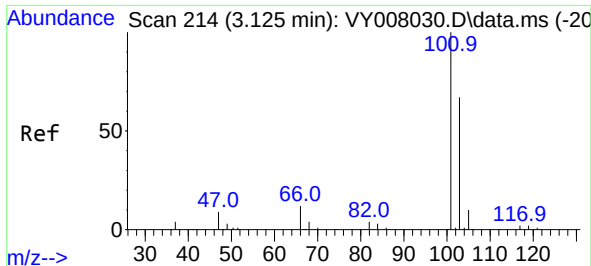


#6
Chloroethane
Concen: 50.723 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008196.D
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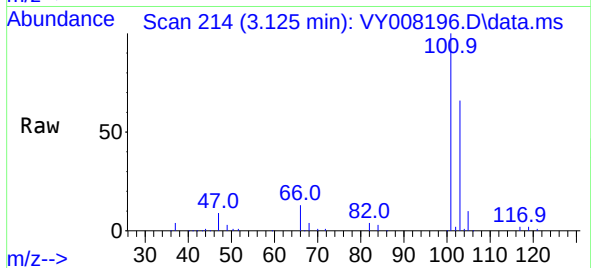
Tgt Ion: 64 Resp: 70310
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.0





#7
Trichlorofluoromethane
Concen: 42.811 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008196.D
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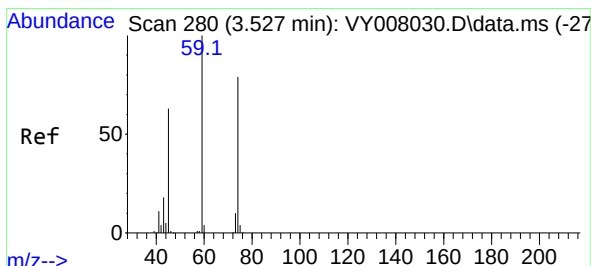
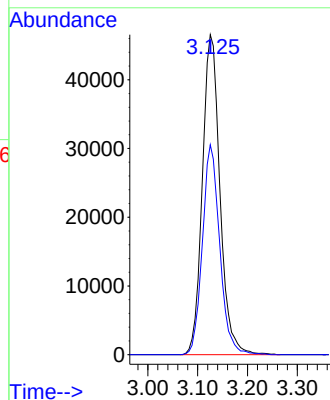
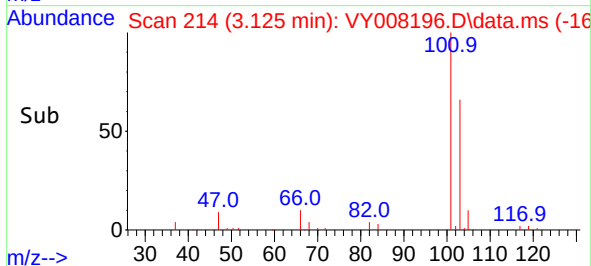
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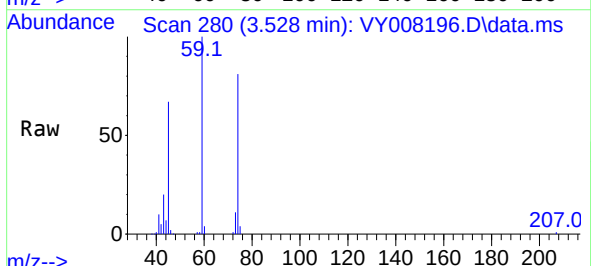
Tgt Ion:101 Resp: 114120
Ion Ratio Lower Upper
101 100
103 65.6 48.0 72.0

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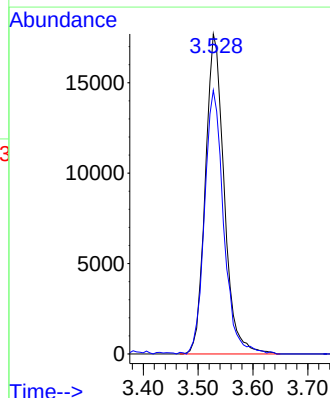
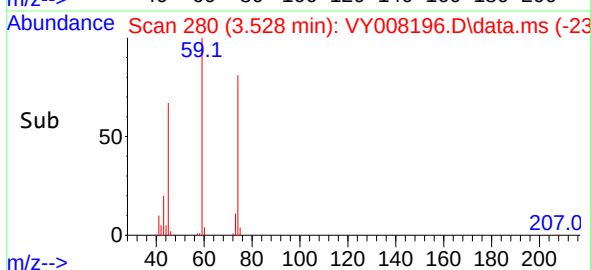
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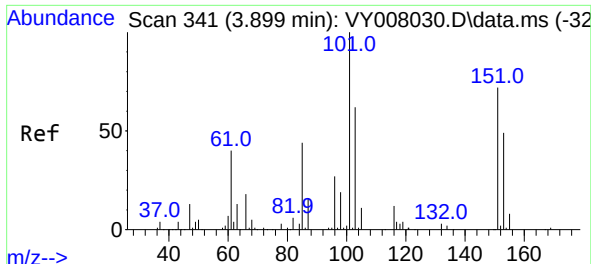


#8
Diethyl Ether
Concen: 48.644 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



Tgt Ion: 74 Resp: 41992
Ion Ratio Lower Upper
74 100
45 84.2 55.1 165.5





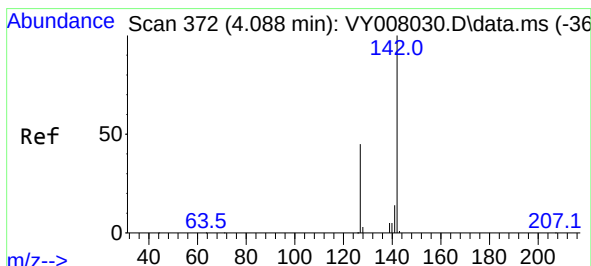
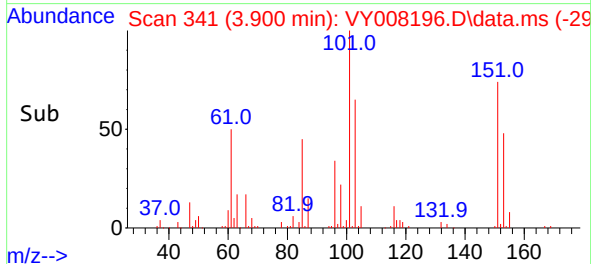
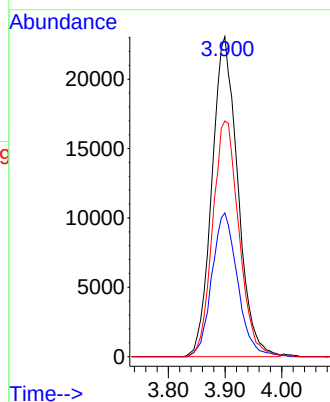
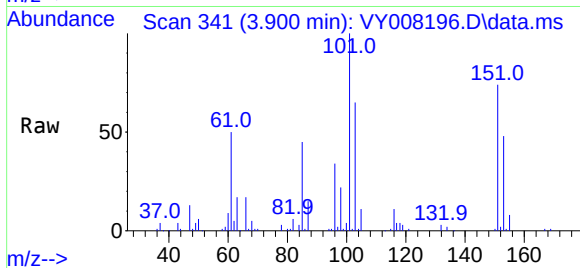
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.165 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 73029
Ion Ratio Lower Upper
101 100
85 44.9 40.6 60.8
151 75.0 64.9 97.3

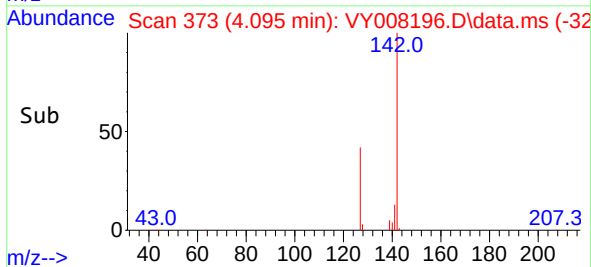
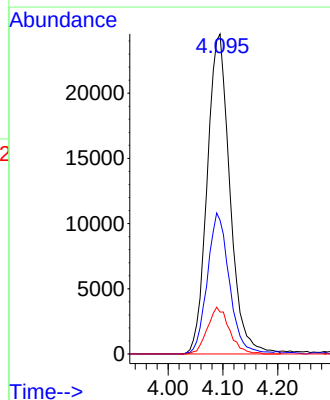
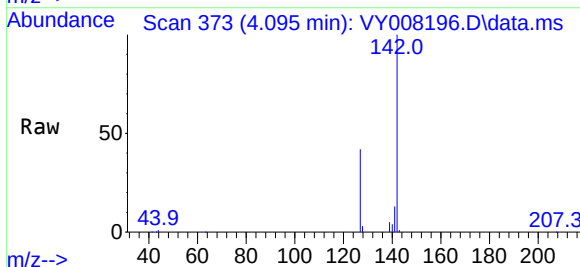
Manual Integrations
APPROVED

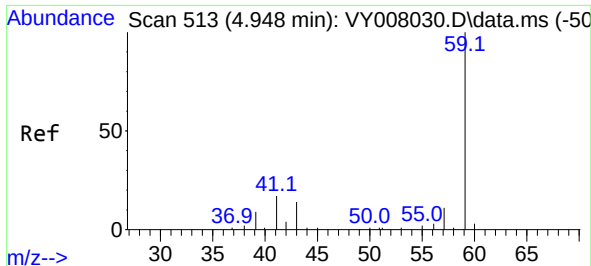
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#10
Methyl Iodide
Concen: 36.919 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

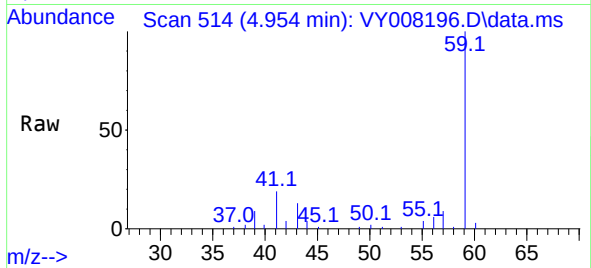
Tgt Ion:142 Resp: 70416
Ion Ratio Lower Upper
142 100
127 42.8 41.5 62.3
141 14.2 11.9 17.9





#11
Tert butyl alcohol
Concen: 240.799 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

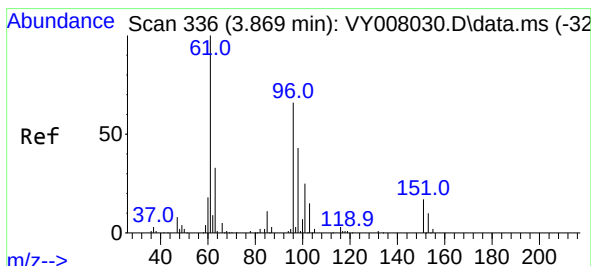
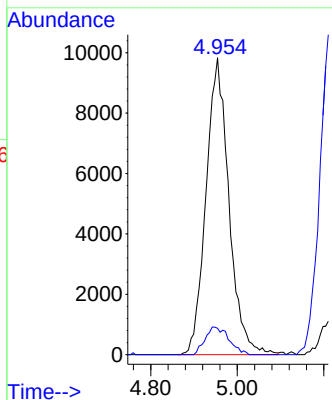
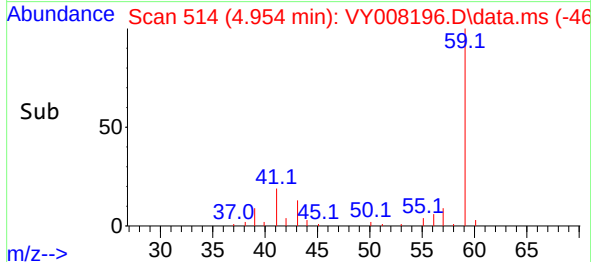
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



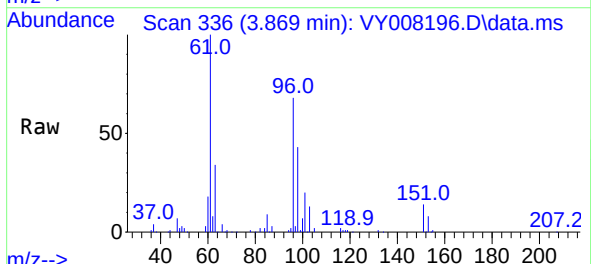
Tgt Ion: 59 Resp: 3616
Ion Ratio Lower Upper
59 100
57 9.7 6.4 9.6

Manual Integrations
APPROVED

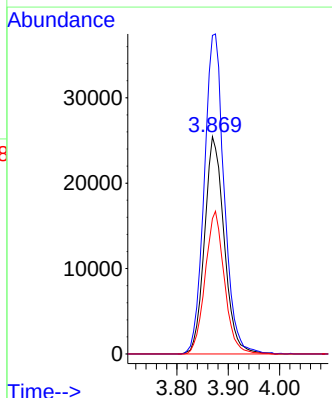
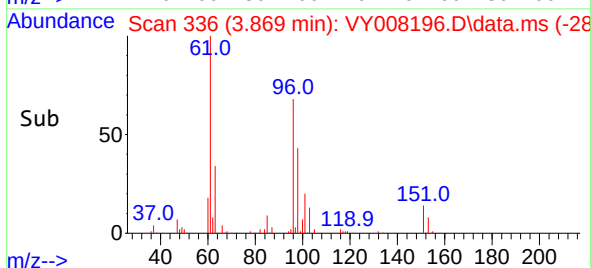
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

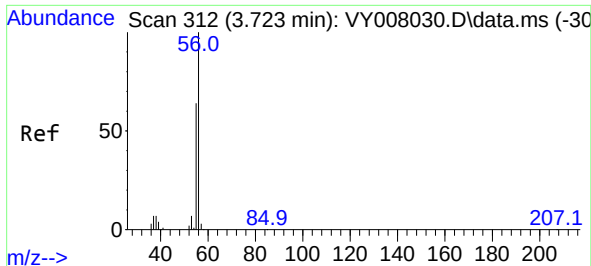


#12
1,1-Dichloroethene
Concen: 44.110 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



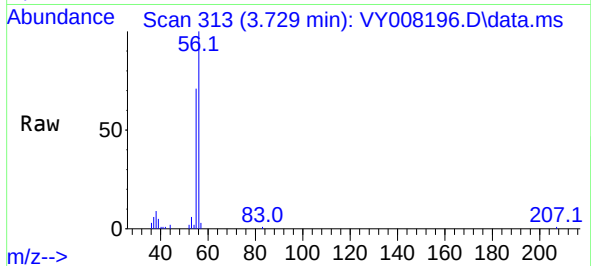
Tgt Ion: 96 Resp: 67523
Ion Ratio Lower Upper
96 100
61 146.6 145.8 218.6
98 62.3 52.5 78.7





#13
Acrolein
Concen: 207.414 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

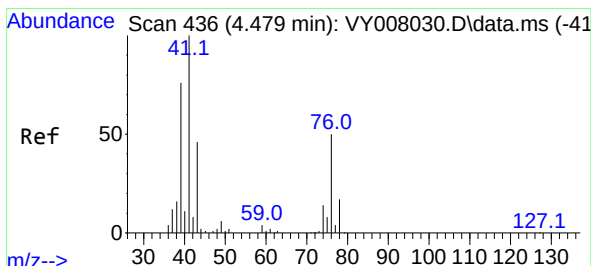
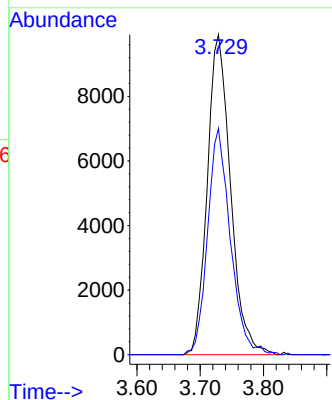
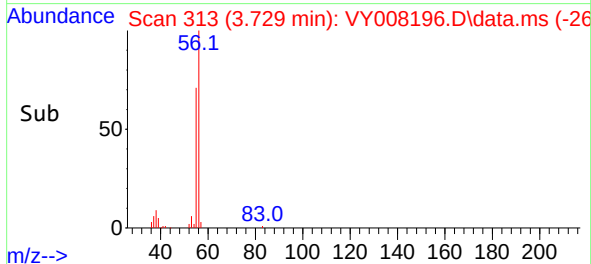
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2535
Ion Ratio Lower Upper
56 100
55 69.2 57.6 86.4

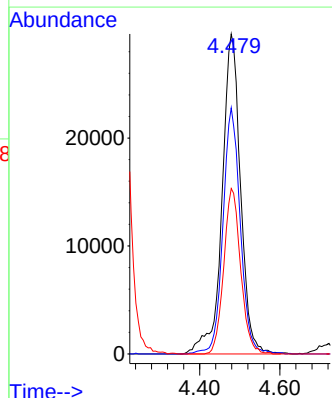
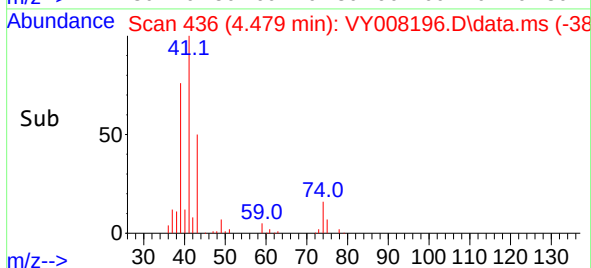
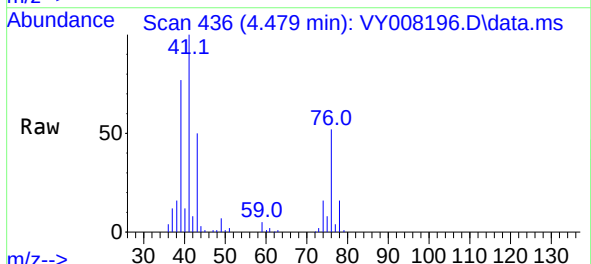
Manual Integrations
APPROVED

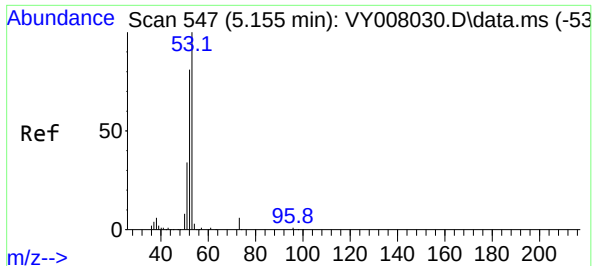
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#14
Allyl chloride
Concen: 47.059 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

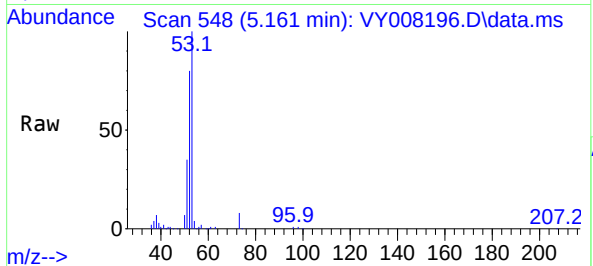
Tgt Ion: 41 Resp: 94780
Ion Ratio Lower Upper
41 100
39 72.2 58.8 88.2
76 47.1 25.1 37.7#





#15
Acrylonitrile
Concen: 274.226 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

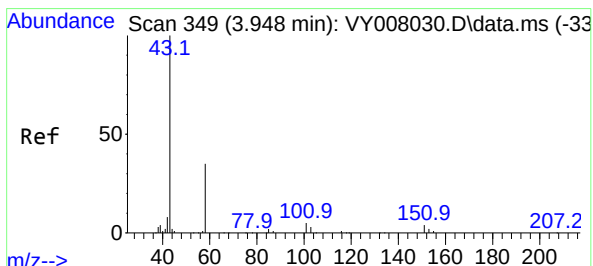
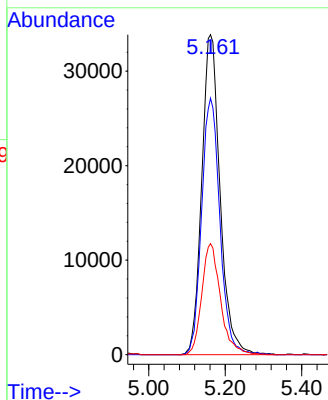
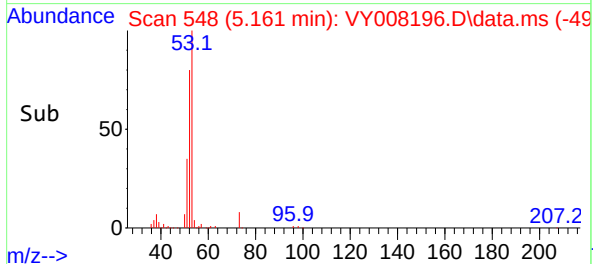
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 112758
Ion Ratio Lower Upper
53 100
52 79.7 67.0 100.4
51 35.6 29.8 44.6

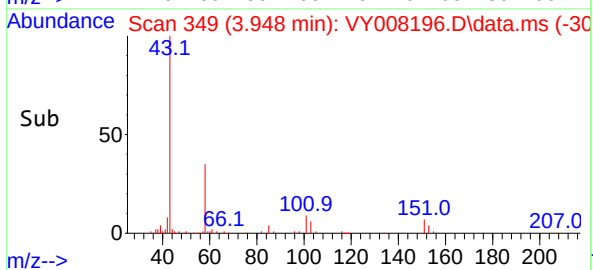
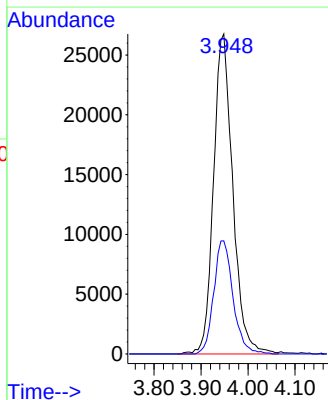
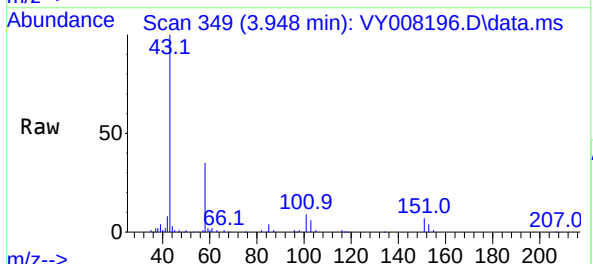
Manual Integrations
APPROVED

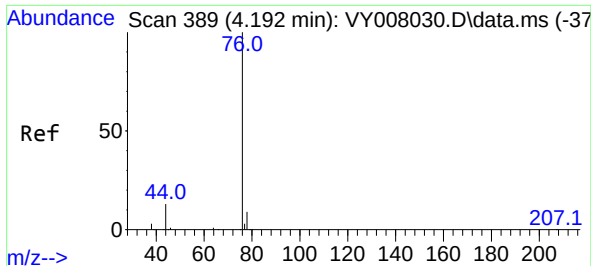
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#16
Acetone
Concen: 230.014 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

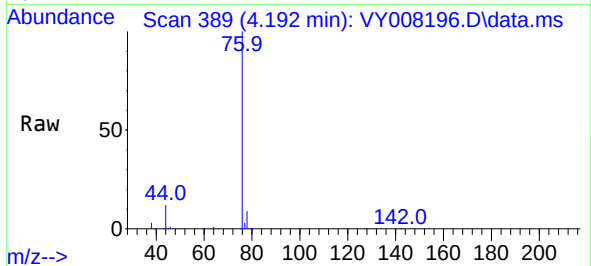
Tgt Ion: 43 Resp: 76104
Ion Ratio Lower Upper
43 100
58 35.4 22.0 33.0#





#17
Carbon Disulfide
Concen: 43.355 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

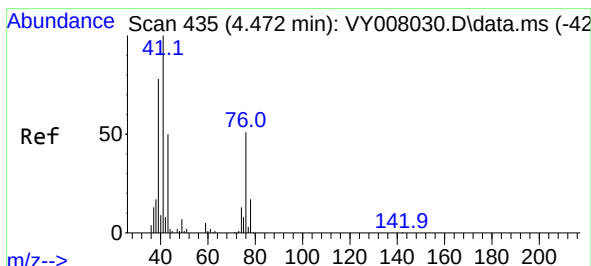
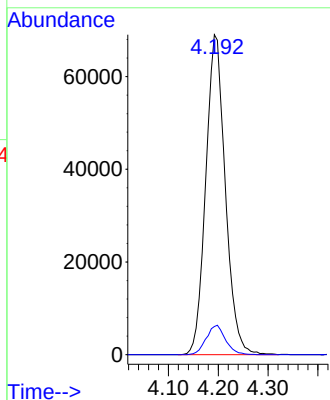
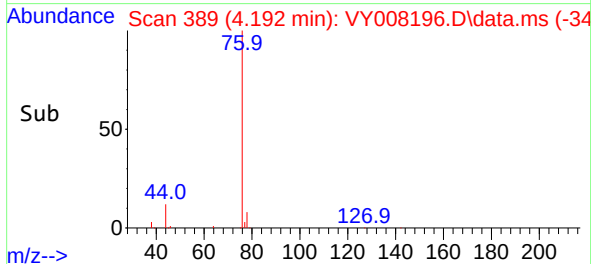
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 18805
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

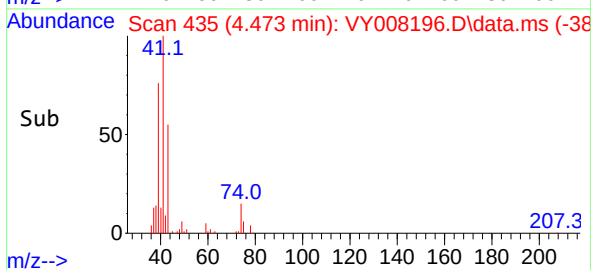
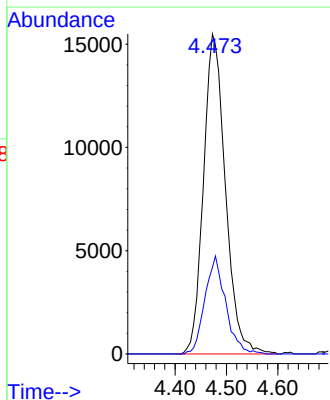
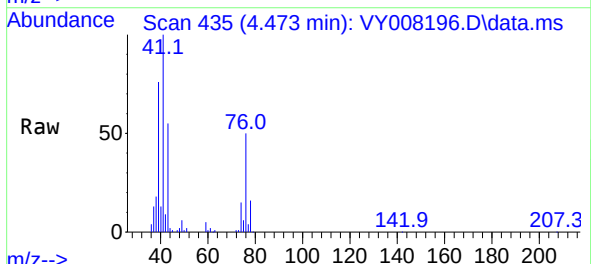
Manual Integrations
APPROVED

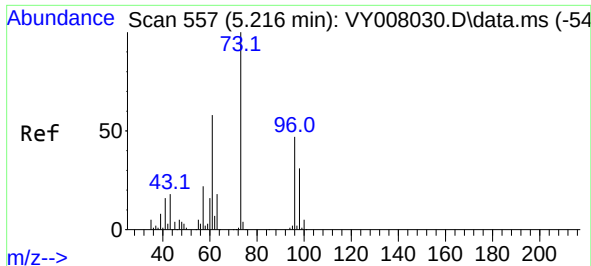
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#18
Methyl Acetate
Concen: 53.449 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

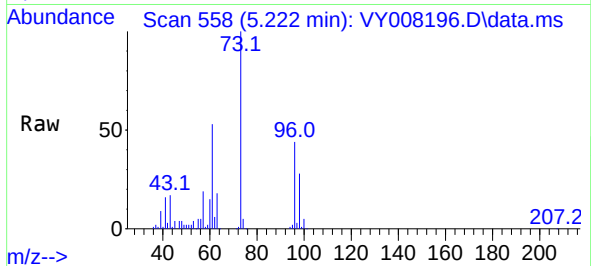
Tgt Ion: 43 Resp: 46014
Ion Ratio Lower Upper
43 100
74 29.0 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 50.183 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

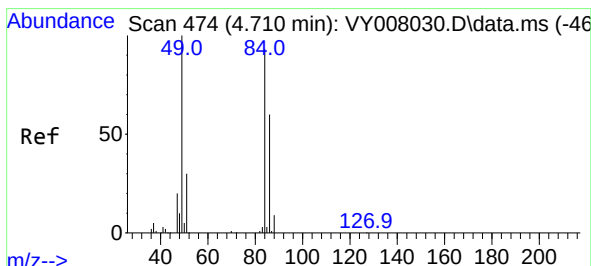
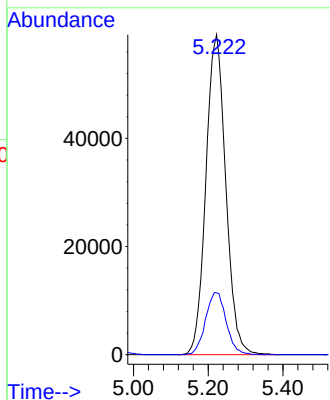
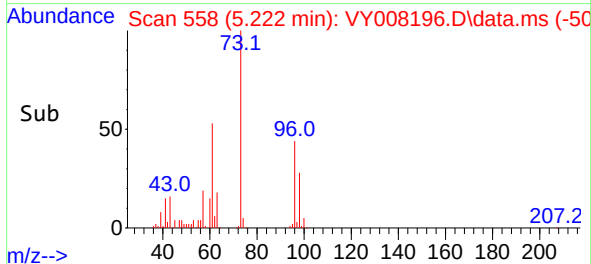
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 21831
Ion Ratio Lower Upper
73 100
57 19.3 18.6 27.8

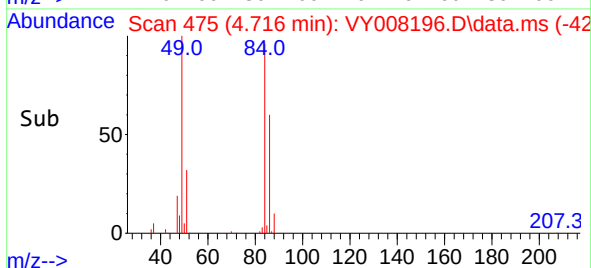
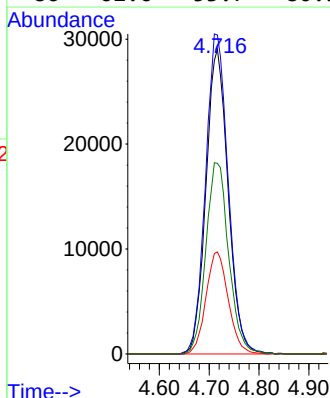
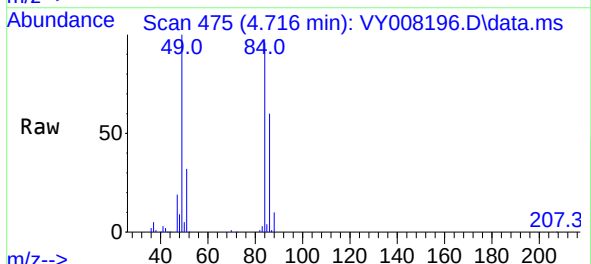
Manual Integrations
APPROVED

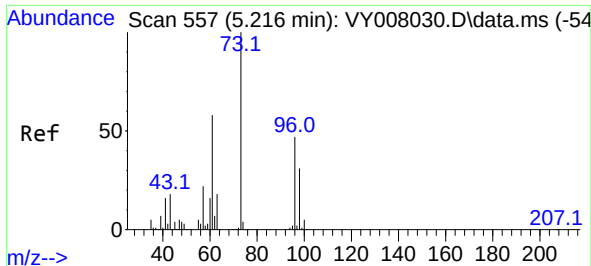
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#20
Methylene Chloride
Concen: 53.626 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

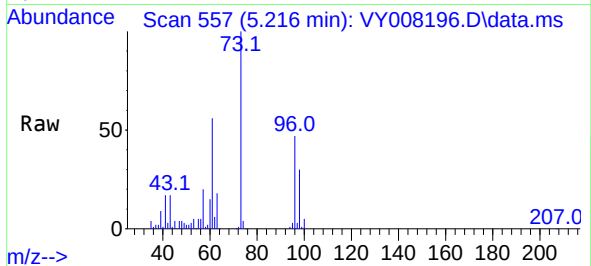
Tgt Ion: 84 Resp: 89698
Ion Ratio Lower Upper
84 100
49 104.7 114.4 171.6#
51 33.5 35.3 52.9#
86 62.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 47.750 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

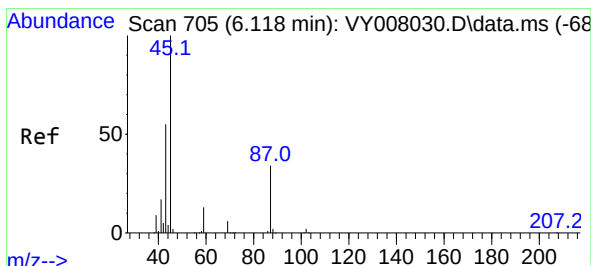
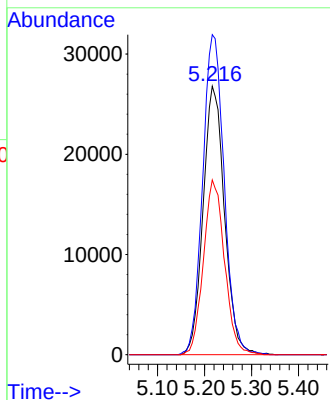
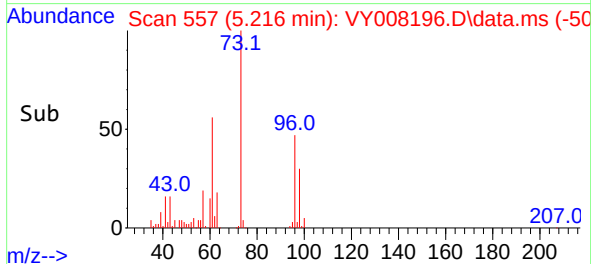
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



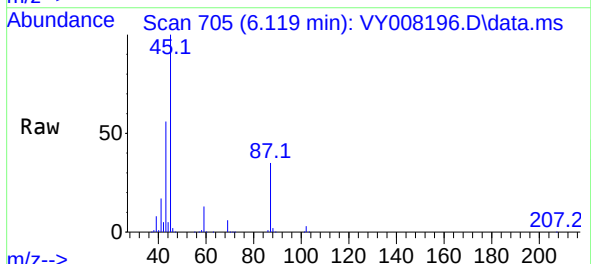
Tgt Ion: 96 Resp: 84630
Ion Ratio Lower Upper
96 100
61 119.2 120.5 180.7
98 65.0 49.8 74.8

Manual Integrations
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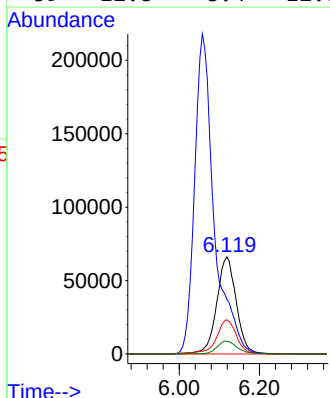
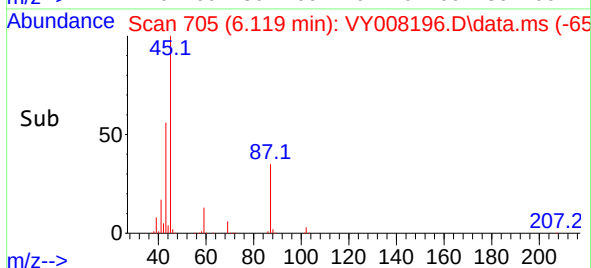
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

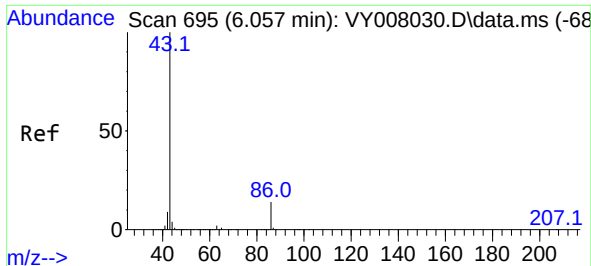


#22
Diisopropyl ether
Concen: 51.496 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



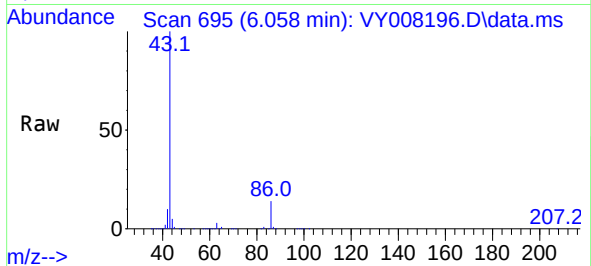
Tgt Ion: 45 Resp: 223138
Ion Ratio Lower Upper
45 100
43 56.1 49.3 73.9
87 35.2 19.2 28.8#
59 12.8 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 273.601 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY008196.D
 Acq: 04 Apr 2022 21:19

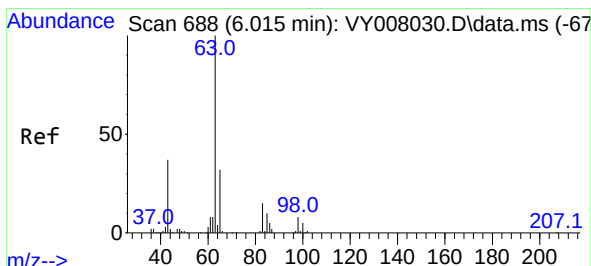
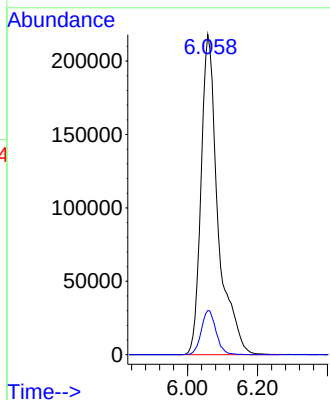
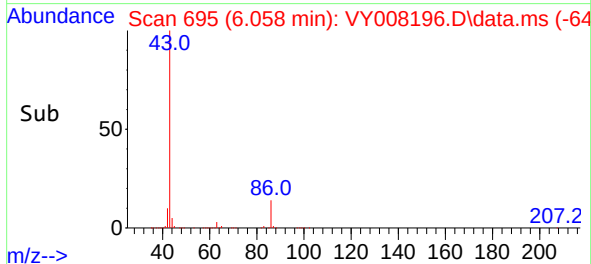
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



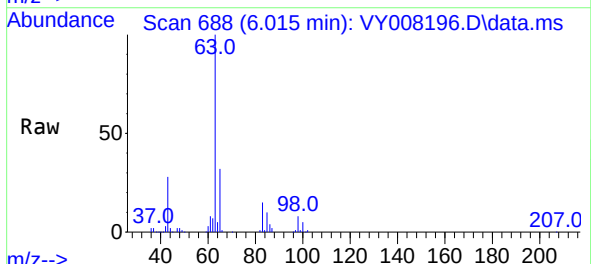
Tgt Ion: 43 Resp: 734594
 Ion Ratio Lower Upper
 43 100
 86 13.8 7.1 10.7

Manual Integrations
 APPROVED

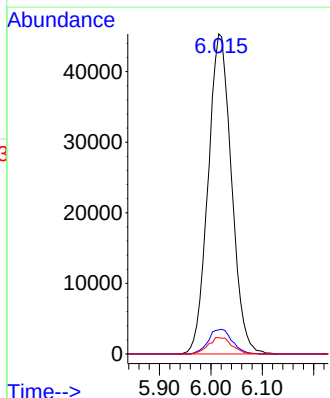
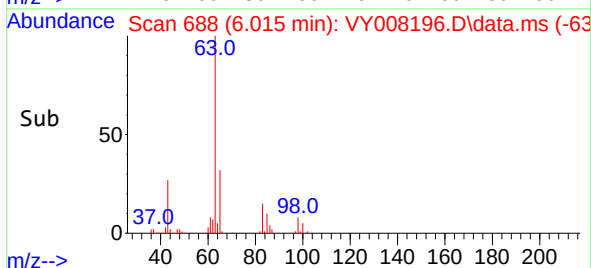
Reviewed By :John Carlone 04/05/2022
 Supervised By :Mahesh Dadoda 04/05/2022

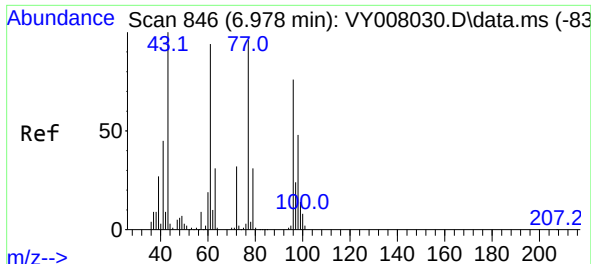


#24
 1,1-Dichloroethane
 Concen: 49.953 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008196.D
 Acq: 04 Apr 2022 21:19



Tgt Ion: 63 Resp: 143298
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.1 2.0 5.8





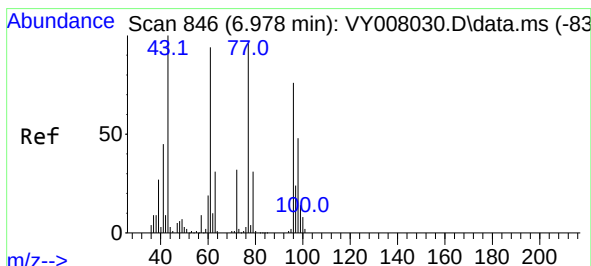
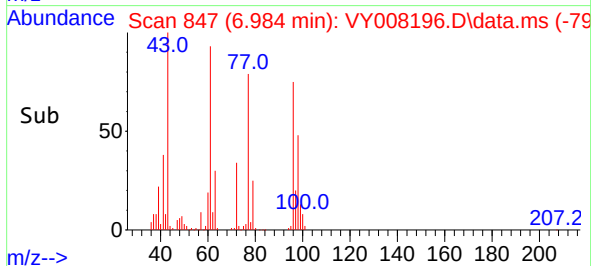
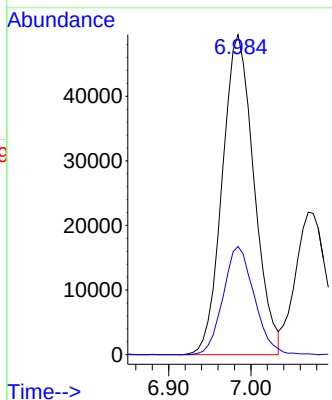
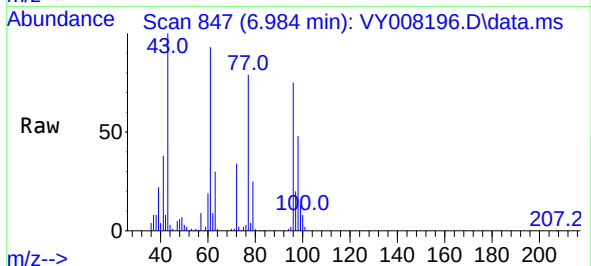
#25
2-Butanone
Concen: 264.190 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 13302
Ion Ratio Lower Upper
43 100
72 33.8 17.7 26.5

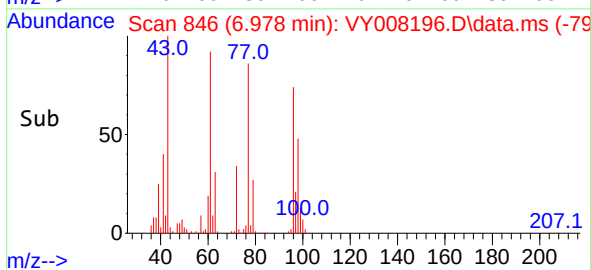
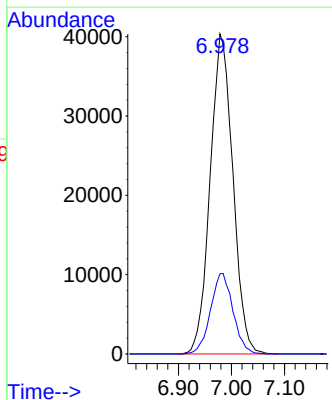
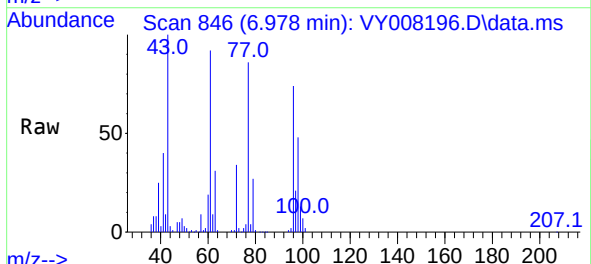
Manual Integrations
APPROVED

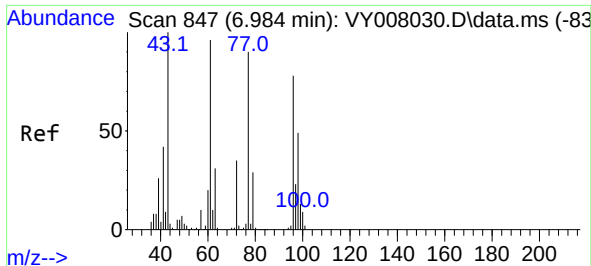
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#26
2,2-Dichloropropane
Concen: 44.158 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

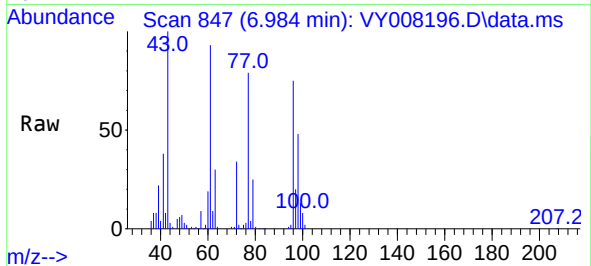
Tgt Ion: 77 Resp: 119965
Ion Ratio Lower Upper
77 100
97 24.9 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 49.167 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

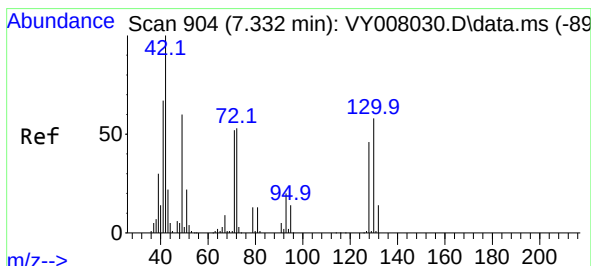
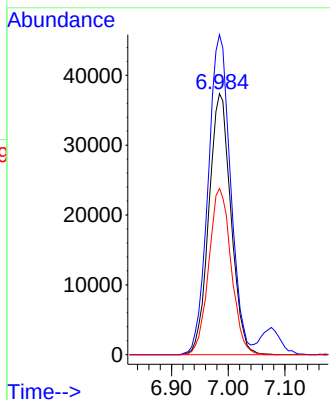
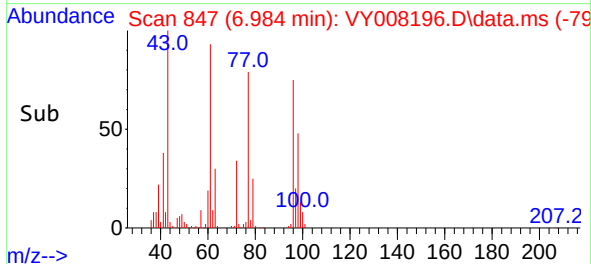
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



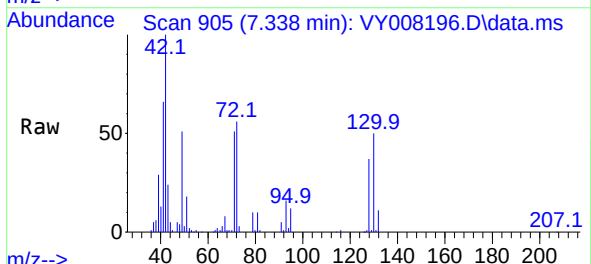
Tgt Ion: 96 Resp: 101014
Ion Ratio Lower Upper
96 100
61 124.4 0.0 319.8
98 64.6 0.0 127.0

Manual Integrations
APPROVED

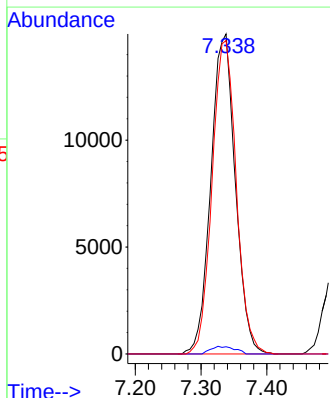
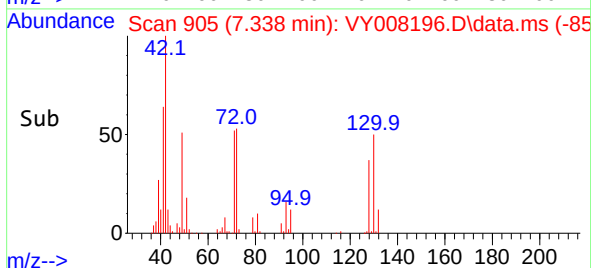
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

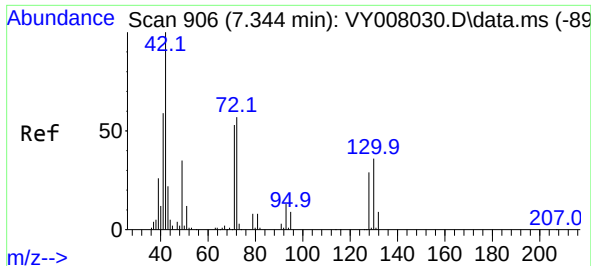


#28
Bromochloromethane
Concen: 51.439 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



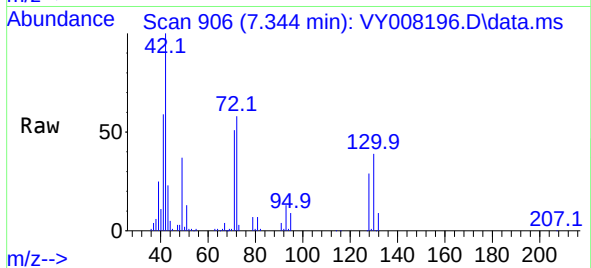
Tgt Ion: 49 Resp: 38756
Ion Ratio Lower Upper
49 100
129 2.3 0.0 2.2#
130 96.6 55.4 83.0#





#29
Tetrahydrofuran
Concen: 271.549 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

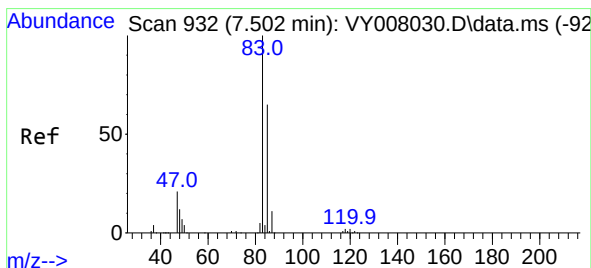
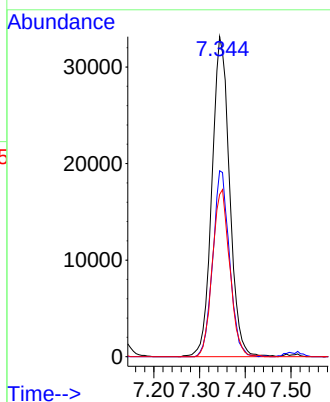
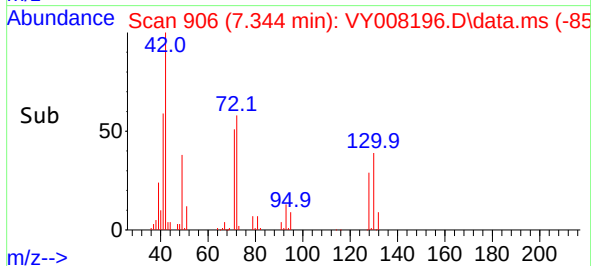
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



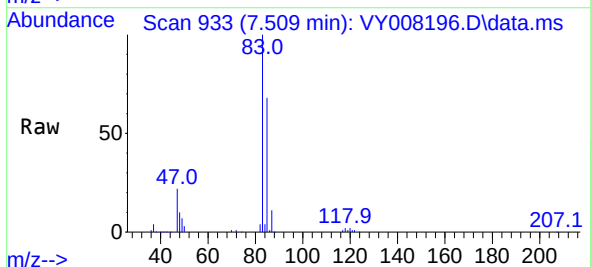
Tgt Ion: 42 Resp: 88890
Ion Ratio Lower Upper
42 100
72 54.8 30.3 45.5
71 51.2 29.0 43.4

Manual Integrations
APPROVED

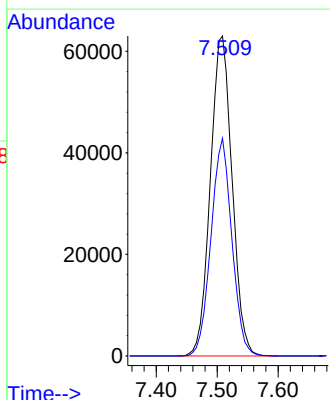
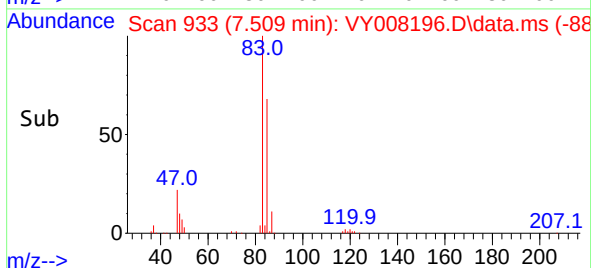
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

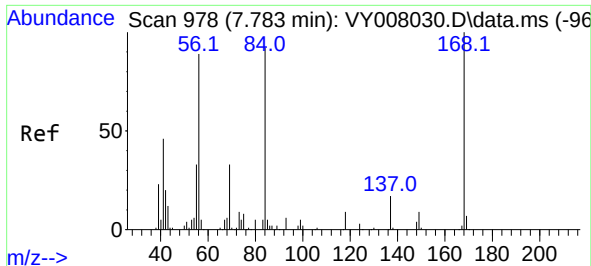


#30
Chloroform
Concen: 50.325 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



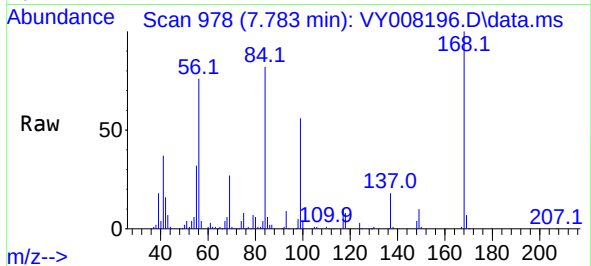
Tgt Ion: 83 Resp: 156318
Ion Ratio Lower Upper
83 100
85 68.0 51.8 77.6





#31
Cyclohexane
Concen: 42.250 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

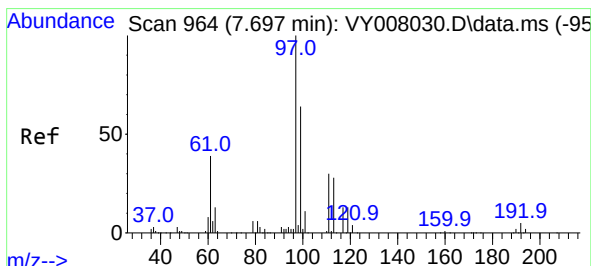
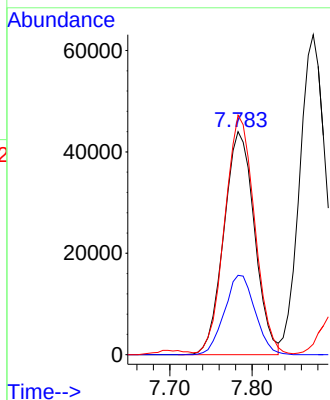
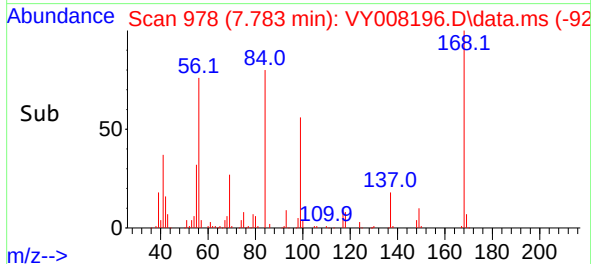
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



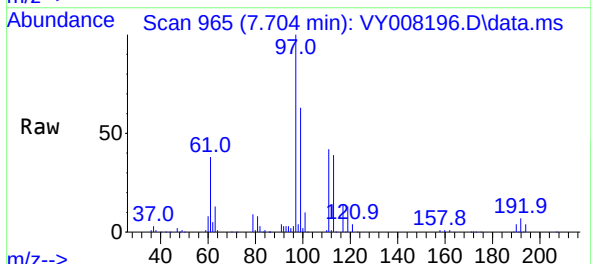
Tgt Ion: 56 Resp: 114320
Ion Ratio Lower Upper
56 100
69 35.6 26.7 40.1
84 105.5 67.2 100.8

Manual Integrations
APPROVED

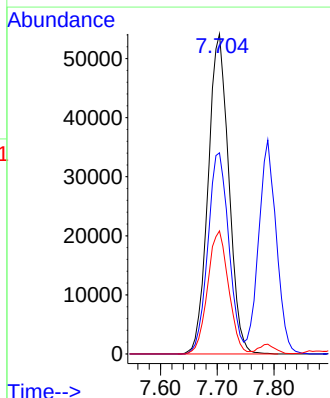
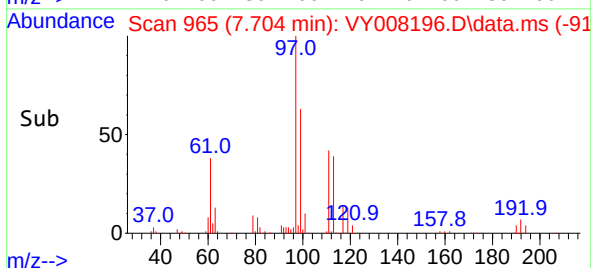
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

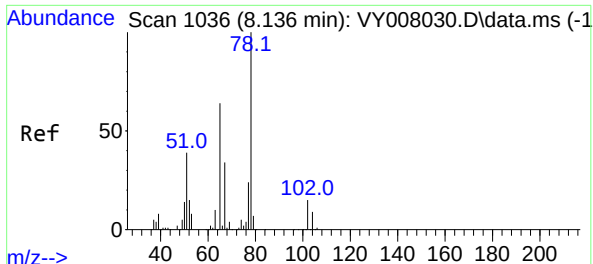


#32
1,1,1-Trichloroethane
Concen: 47.673 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



Tgt Ion: 97 Resp: 136822
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 39.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.080 ug/l

RT: 8.143 min Scan# 1104

Delta R.T. 0.007 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 71040

Ion Ratio Lower Upper

65 100

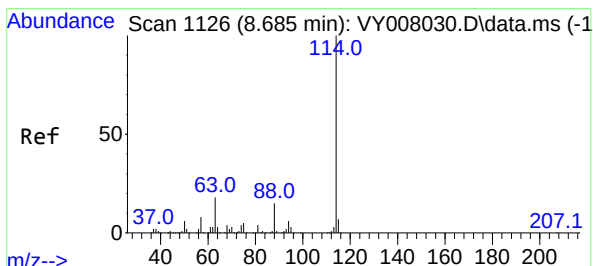
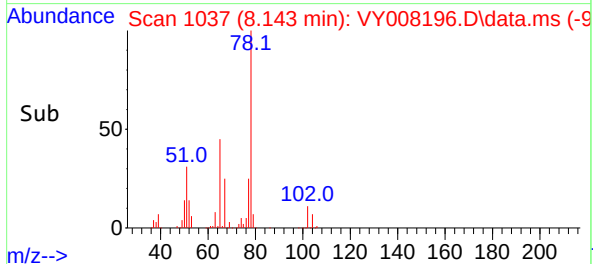
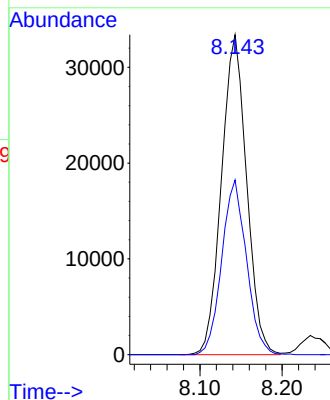
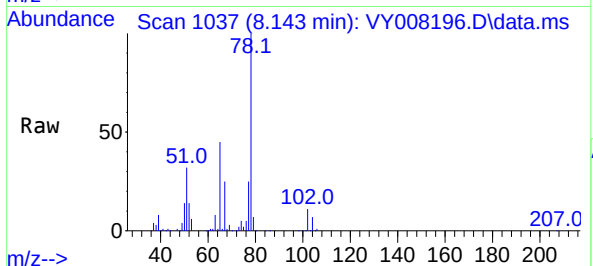
67 53.7 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/05/2022

Supervised By :Mahesh Dadoda 04/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

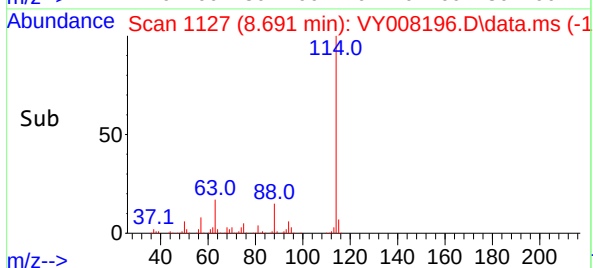
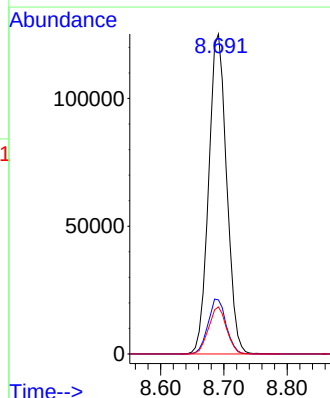
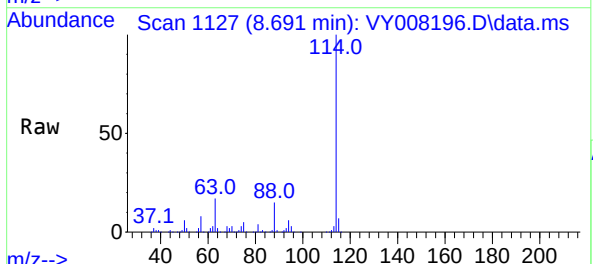
Tgt Ion:114 Resp: 247136

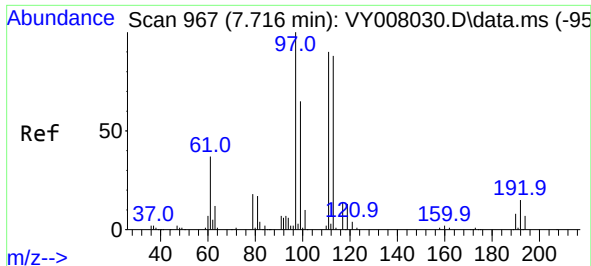
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

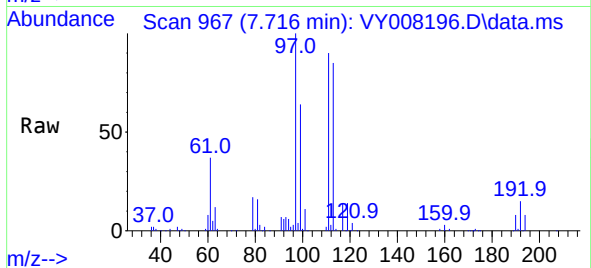
88 14.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.245 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

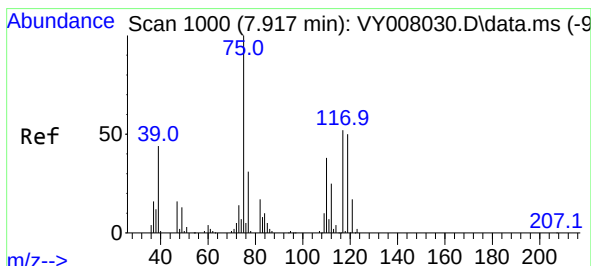
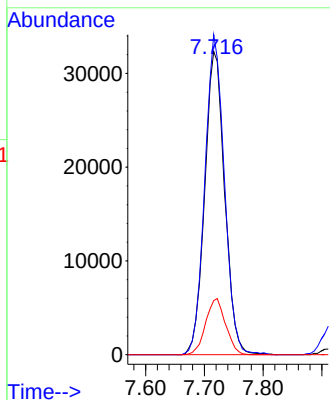
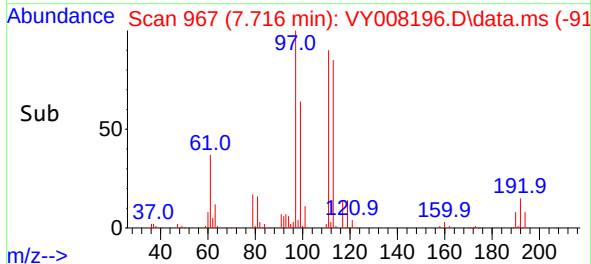
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



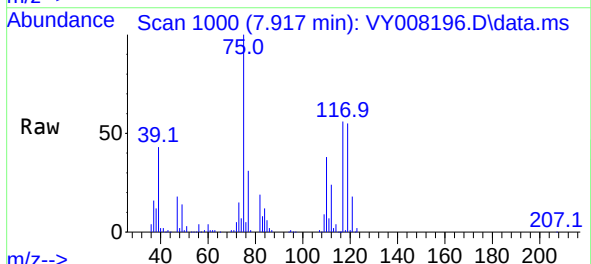
Tgt Ion: 113 Resp: 76304
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.5 17.6 26.4

Manual Integrations
APPROVED

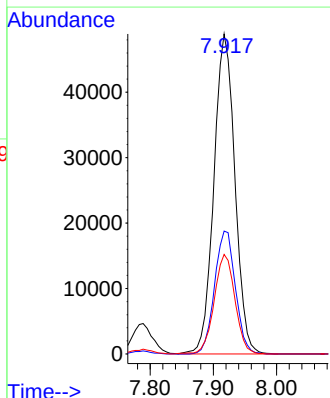
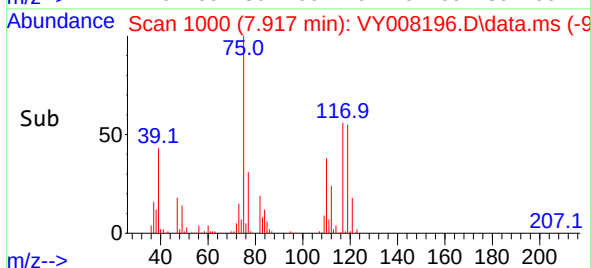
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

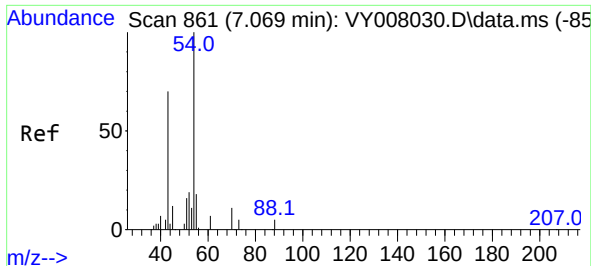


#36
1,1-Dichloropropene
Concen: 46.253 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



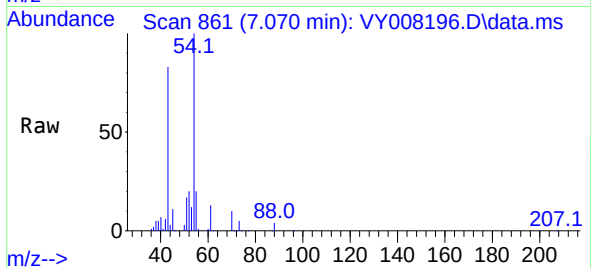
Tgt Ion: 75 Resp: 112577
Ion Ratio Lower Upper
75 100
110 38.0 17.1 51.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 52.305 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

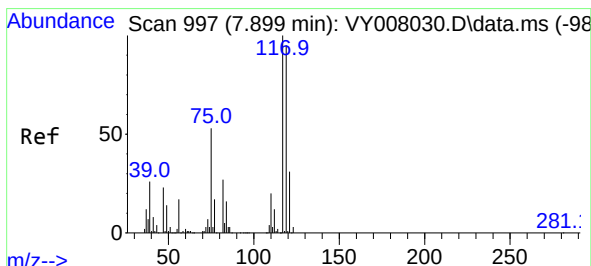
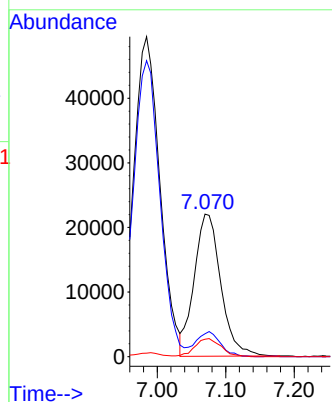
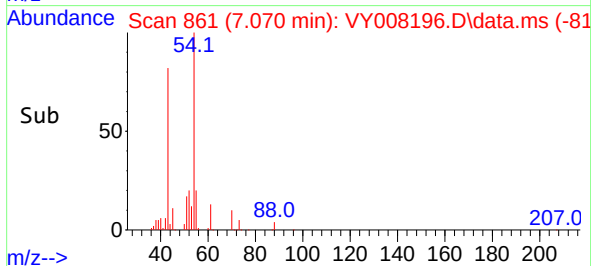
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 59472
Ion Ratio Lower Upper
43 100
61 15.7 9.7 14.5
70 12.5 7.1 10.7

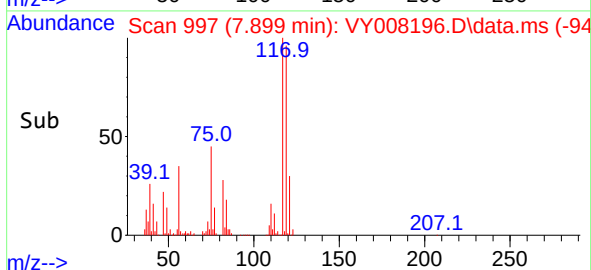
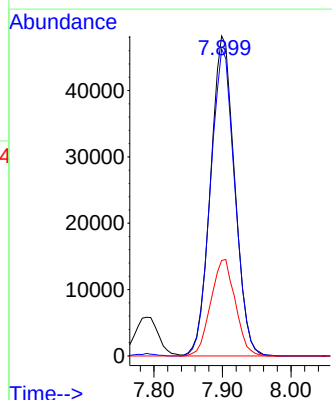
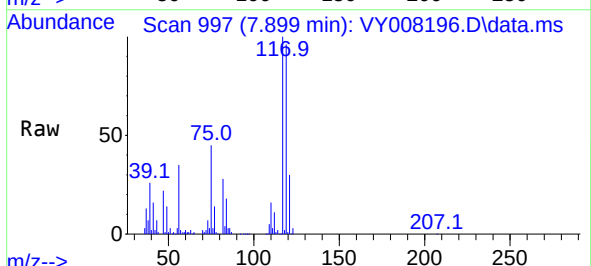
Manual Integrations
APPROVED

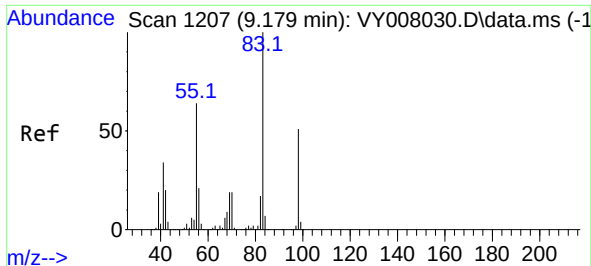
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#38
Carbon Tetrachloride
Concen: 44.501 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

Tgt Ion:117 Resp: 118036
Ion Ratio Lower Upper
117 100
119 95.9 77.9 116.9
121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 42.986 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

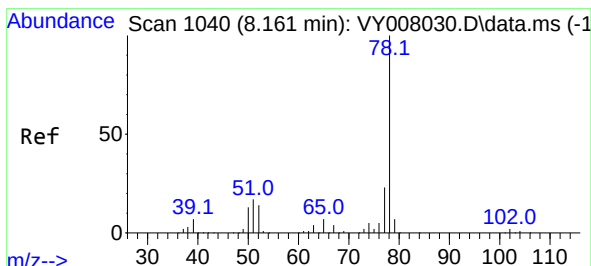
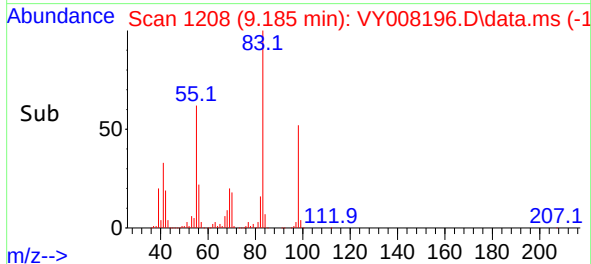
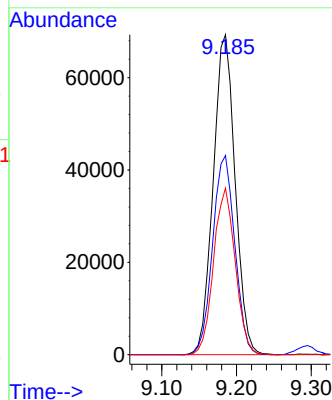
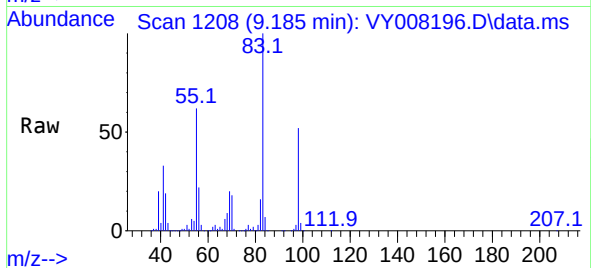
Tgt Ion: 83 Resp: 141223
 Ion Ratio Lower Upper
 83 100
 55 62.3 66.5 99.7
 98 52.1 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/05/2022

Supervised By :Mahesh Dadoda 04/05/2022



#40

Benzene

Concen: 48.916 ug/l

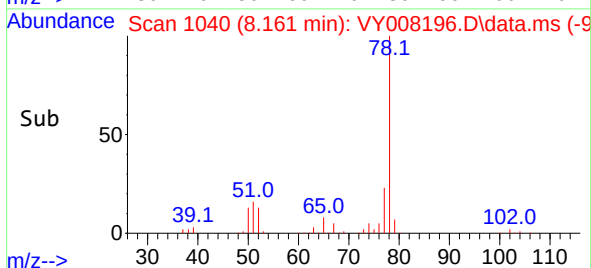
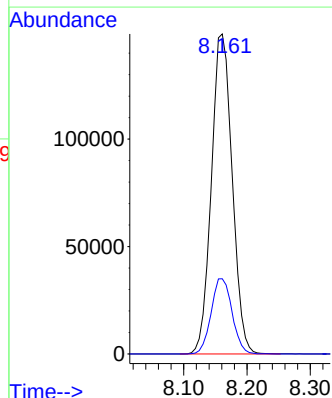
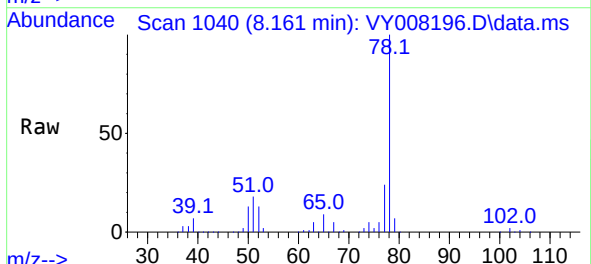
RT: 8.161 min Scan# 1040

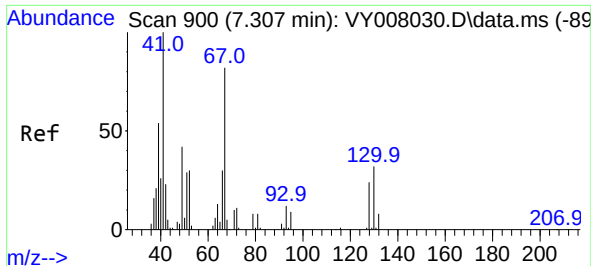
Delta R.T. -0.000 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

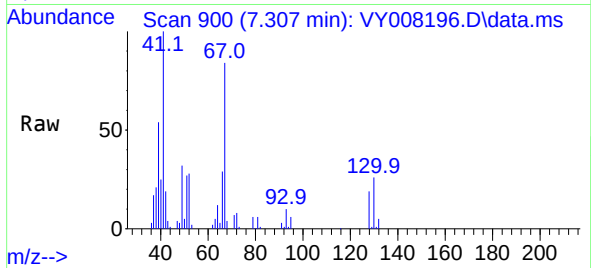
Tgt Ion: 78 Resp: 340565
 Ion Ratio Lower Upper
 78 100
 77 23.5 20.4 30.6





#41
Methacrylonitrile
Concen: 45.826 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

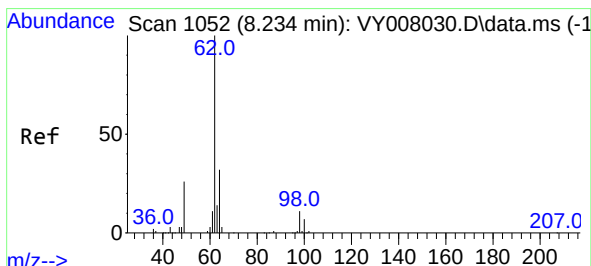
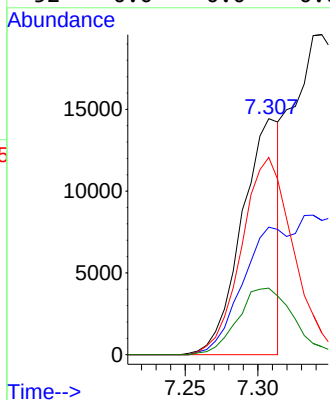
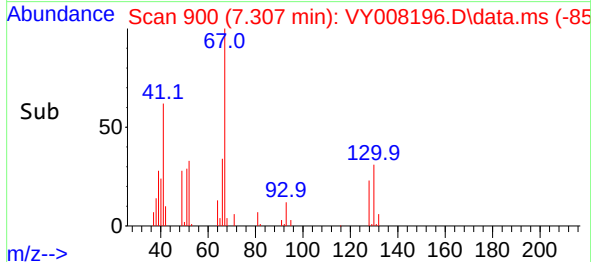
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



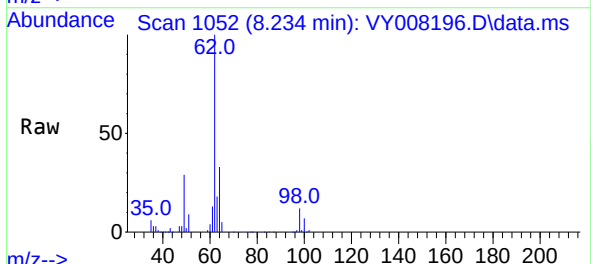
Tgt Ion: 41 Resp: 2616
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

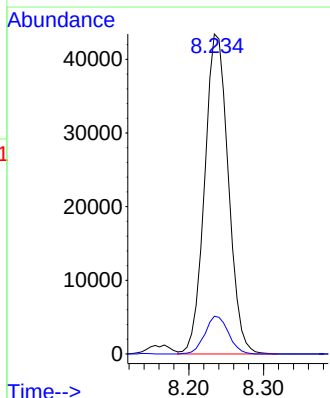
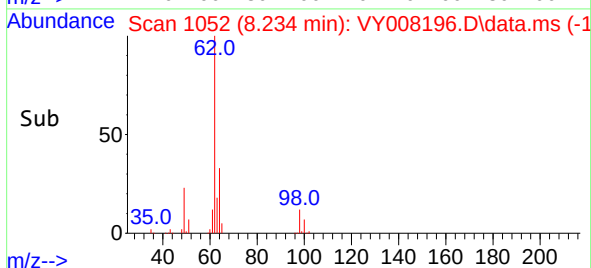
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

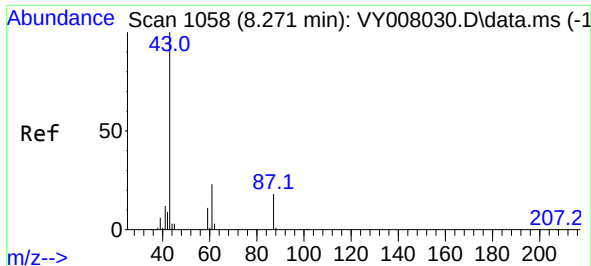


#42
1,2-Dichloroethane
Concen: 49.002 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



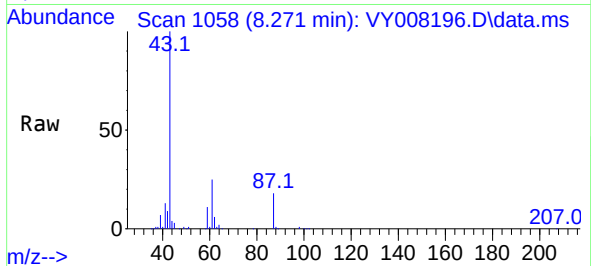
Tgt Ion: 62 Resp: 95703
Ion Ratio Lower Upper
62 100
98 11.7 0.0 14.8





#43
Isopropyl Acetate
Concen: 50.102 ug/l
RT: 8.271 min Scan# 11183
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

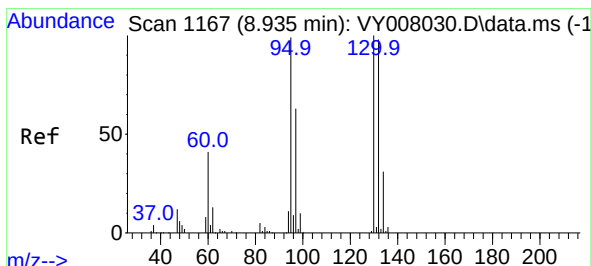
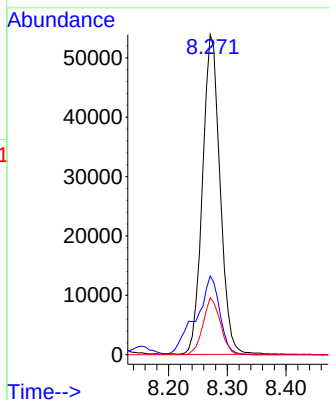
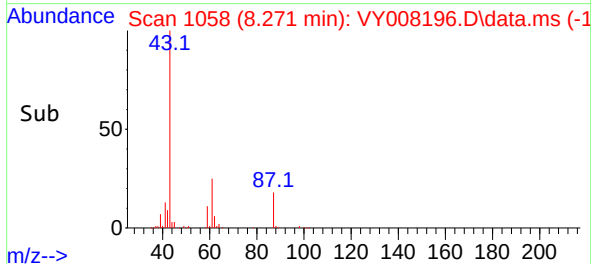
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 11183
Ion Ratio Lower Upper
43 100
61 33.2 20.2 30.2
87 17.6 8.9 13.3

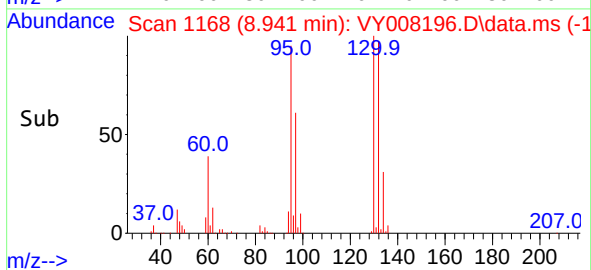
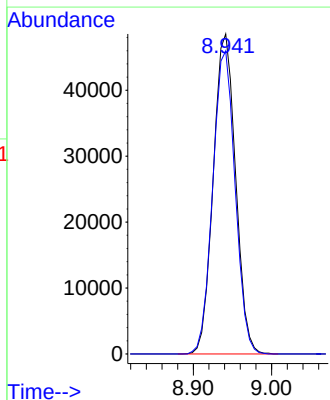
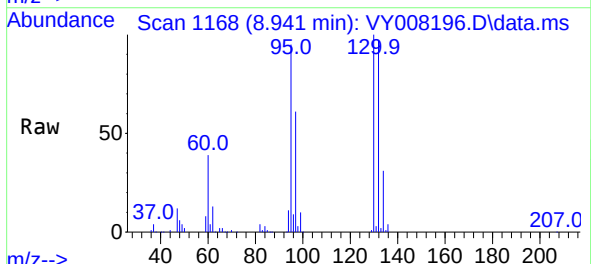
Manual Integrations
APPROVED

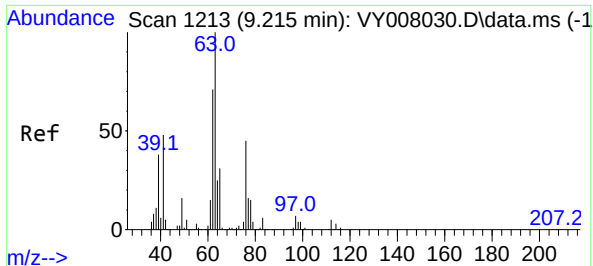
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#44
Trichloroethene
Concen: 47.715 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

Tgt Ion:130 Resp: 96063
Ion Ratio Lower Upper
130 100
95 94.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.080 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 82172

Ion Ratio Lower Upper

63 100

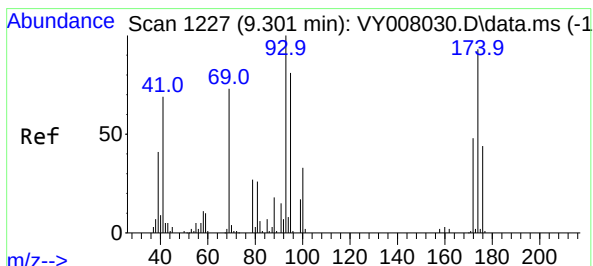
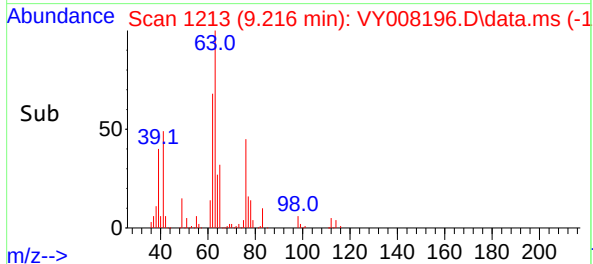
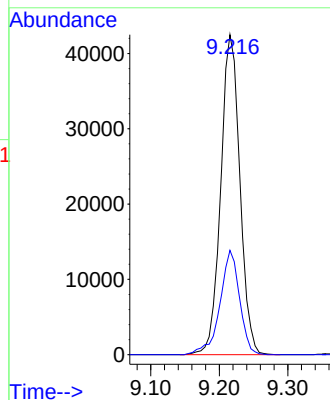
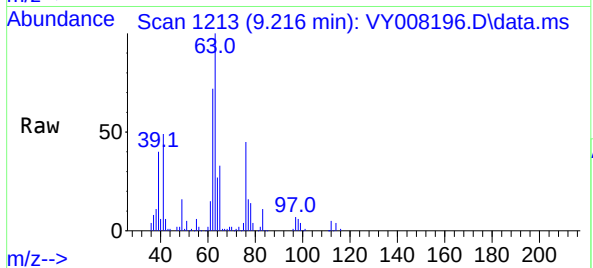
65 32.6 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/05/2022

Supervised By :Mahesh Dadoda 04/05/2022



#46

Dibromomethane

Concen: 49.807 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

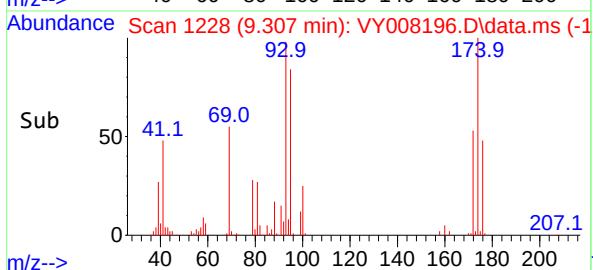
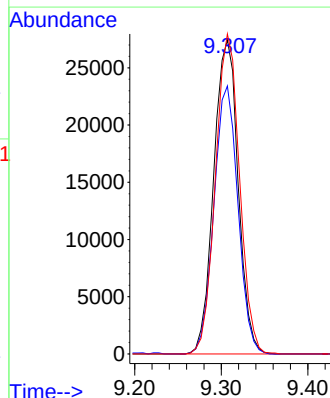
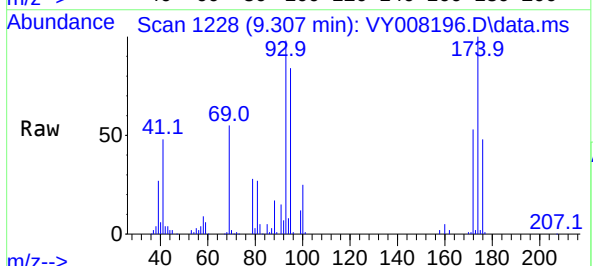
Tgt Ion: 93 Resp: 53736

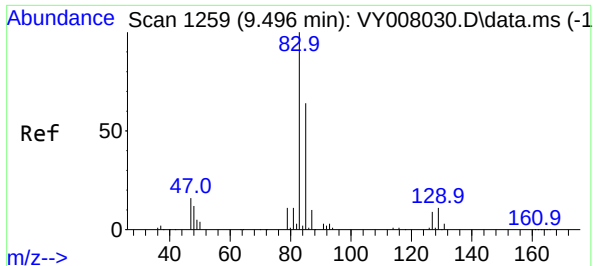
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

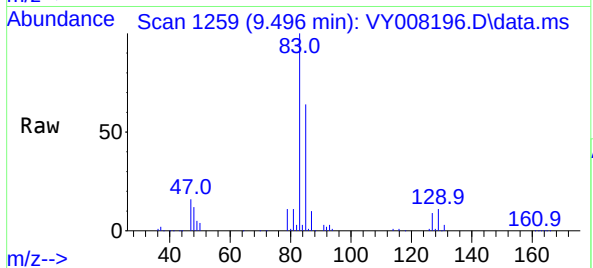
174 100.5 83.4 125.0





#47
Bromodichloromethane
Concen: 49.773 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

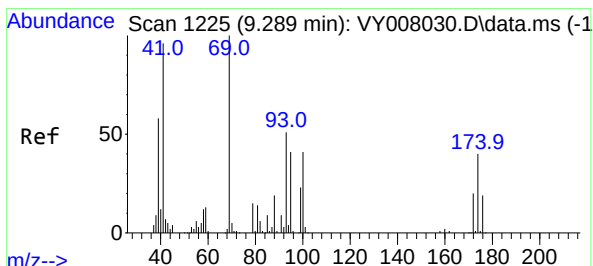
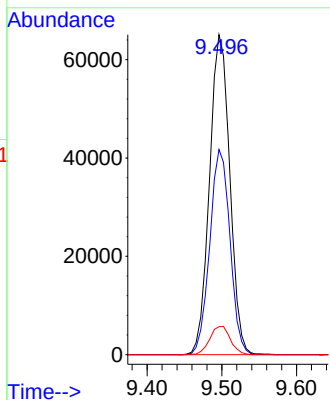
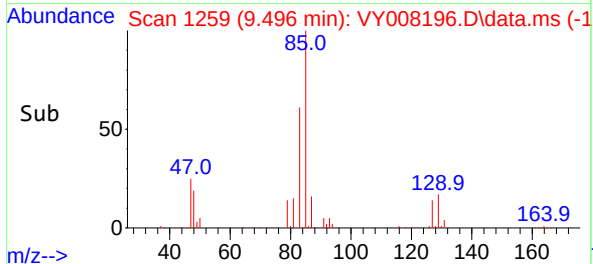
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



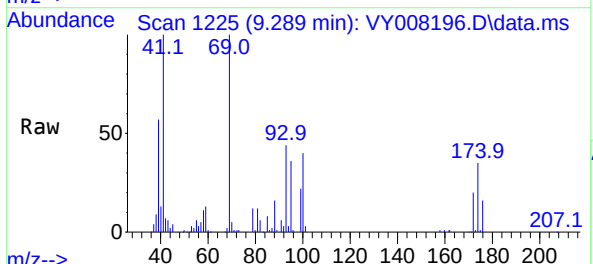
Tgt Ion: 83 Resp: 122792
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 8.7 6.6 10.0

Manual Integrations
APPROVED

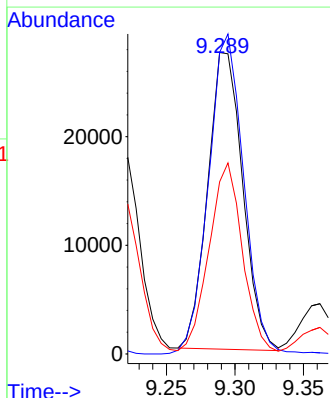
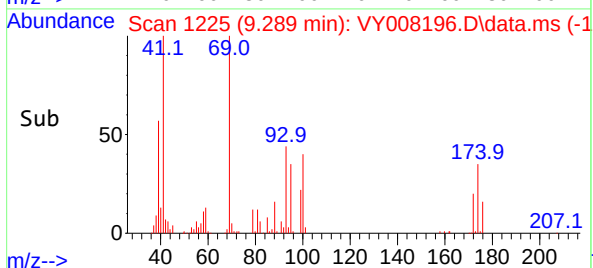
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

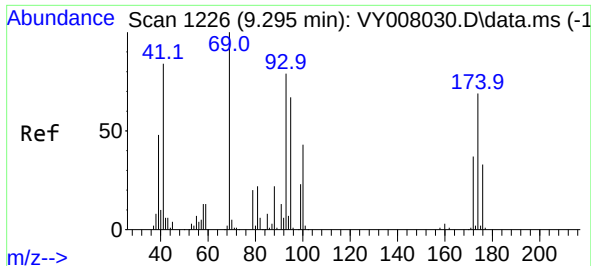


#48
Methyl methacrylate
Concen: 49.118 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



Tgt Ion: 41 Resp: 48558
Ion Ratio Lower Upper
41 100
69 108.8 58.2 87.2#
39 62.2 47.4 71.0





#49

1,4-Dioxane

Concen: 1056.310 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 15150

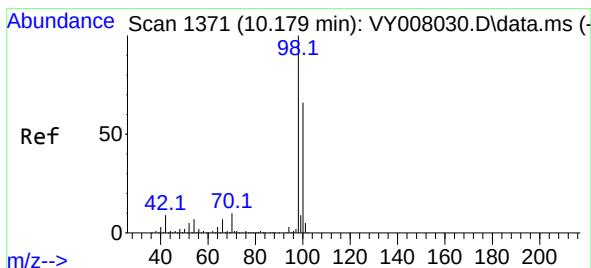
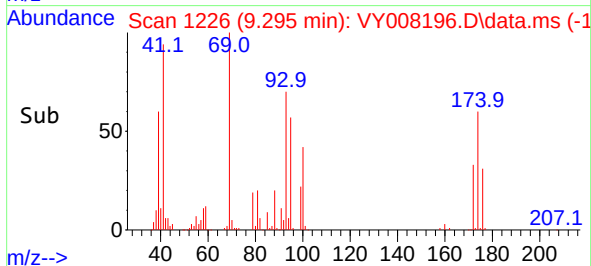
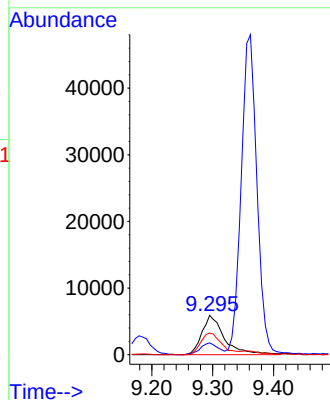
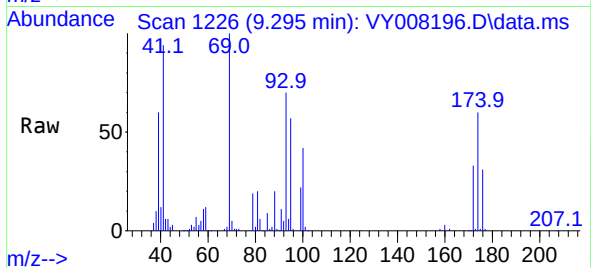
Ion	Ratio	Lower	Upper
88	100		
43	23.7	32.8	49.2
58	51.4	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/05/2022

Supervised By :Mahesh Dadoda 04/05/2022



#50

Toluene-d8

Concen: 47.386 ug/l

RT: 10.179 min Scan# 1371

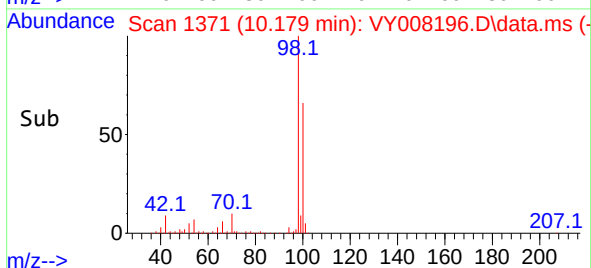
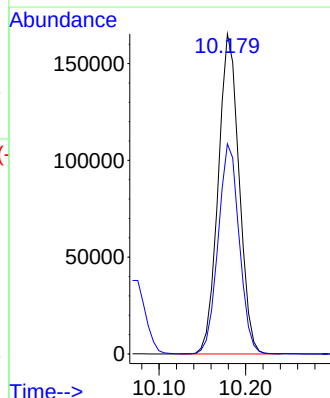
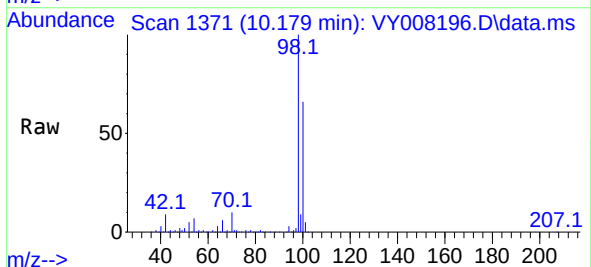
Delta R.T. -0.000 min

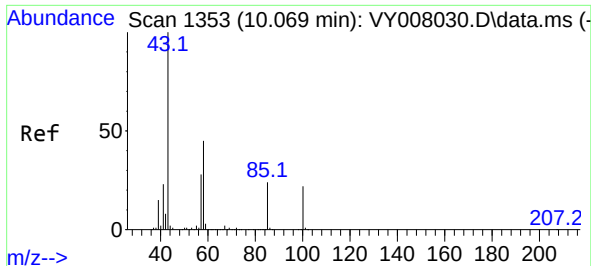
Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

Tgt Ion: 98 Resp: 276624

Ion	Ratio	Lower	Upper
98	100		
100	66.2	50.2	75.2





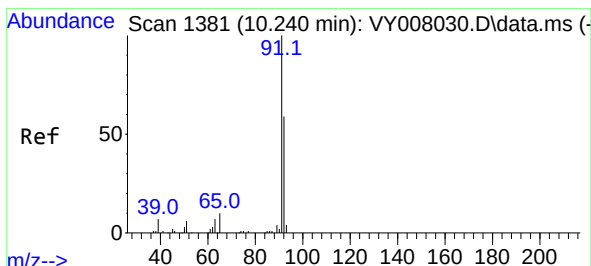
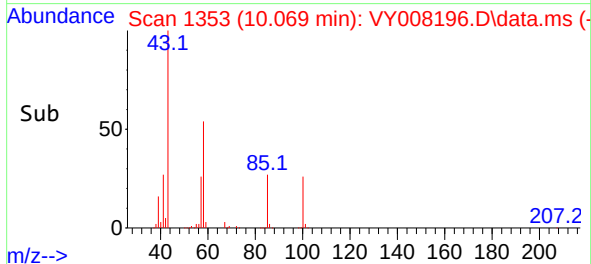
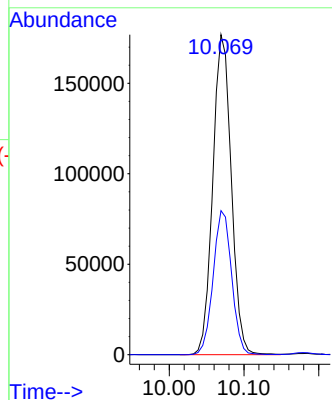
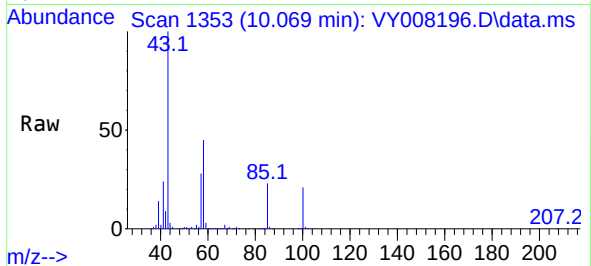
#51
4-Methyl-2-Pentanone
Concen: 269.776 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 303704
Ion Ratio Lower Upper
43 100
58 45.0 28.1 42.1

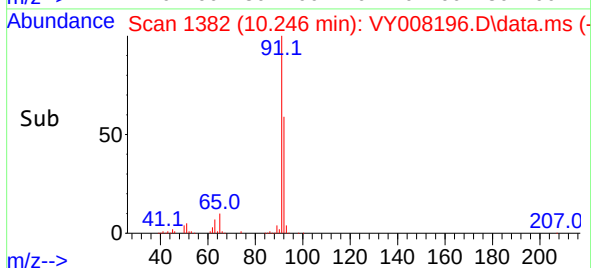
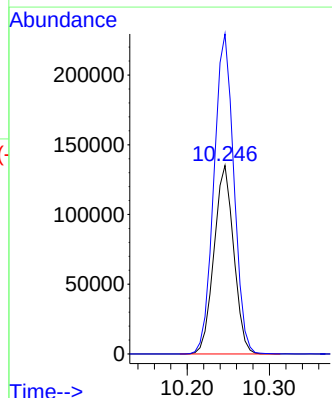
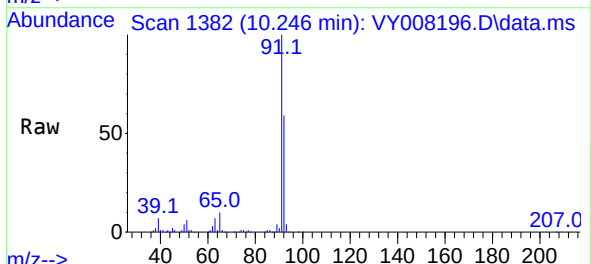
Manual Integrations
APPROVED

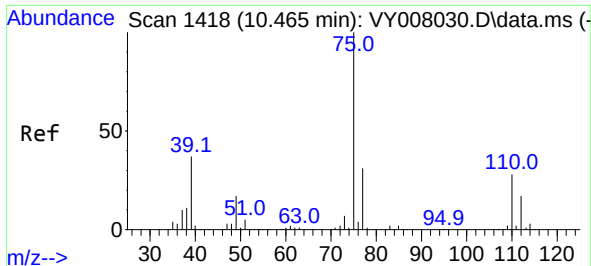
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#52
Toluene
Concen: 49.190 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

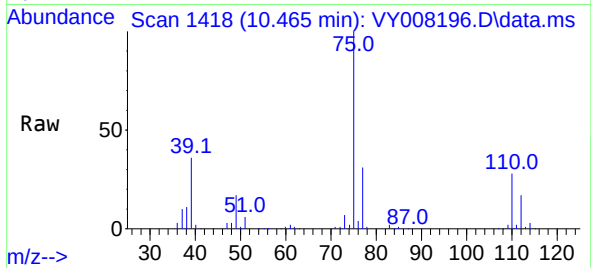
Tgt Ion: 92 Resp: 224596
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 48.882 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

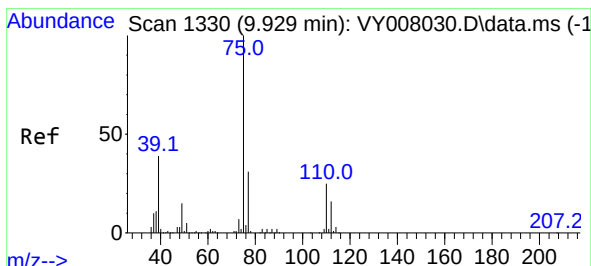
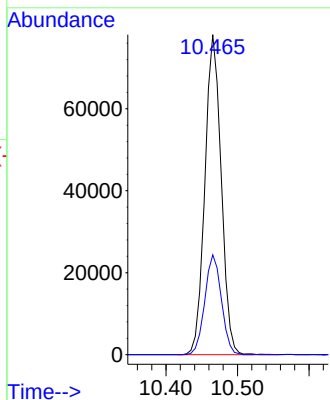
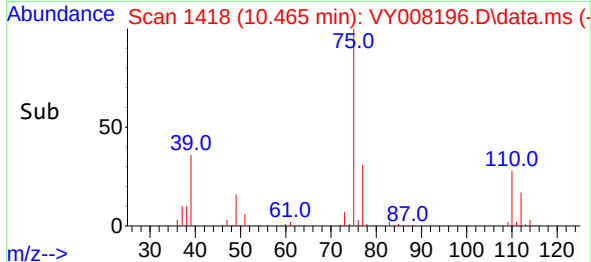
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



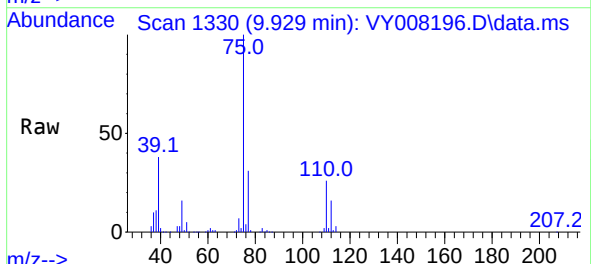
Tgt Ion: 75 Resp: 12361
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

Manual Integrations
APPROVED

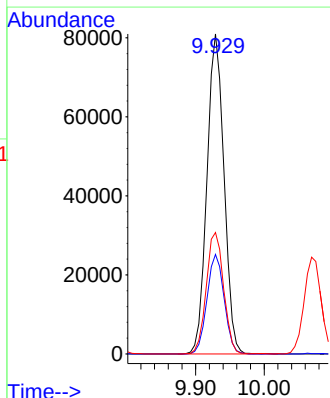
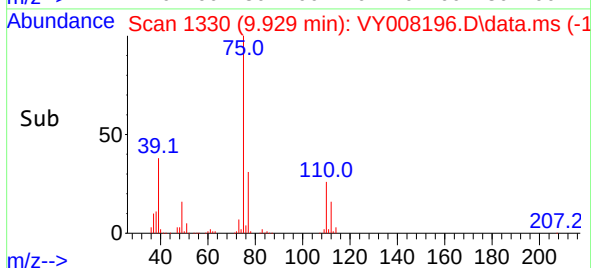
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

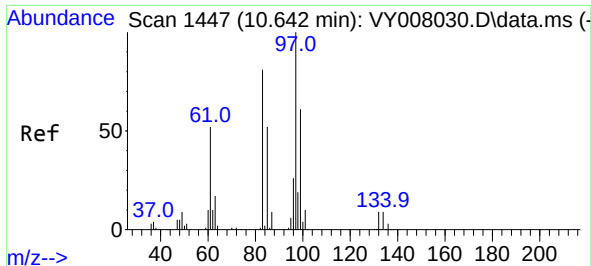


#54
cis-1,3-Dichloropropene
Concen: 48.949 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



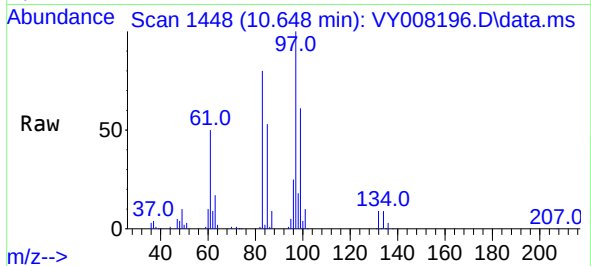
Tgt Ion: 75 Resp: 140128
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 37.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 52.204 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

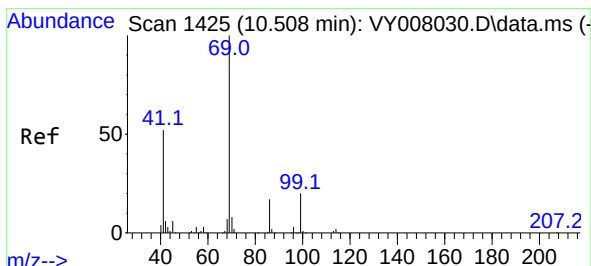
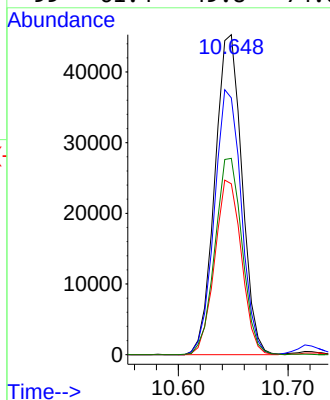
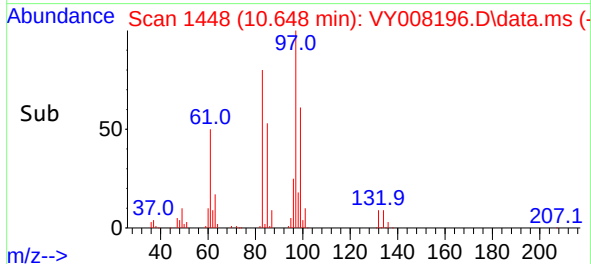
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



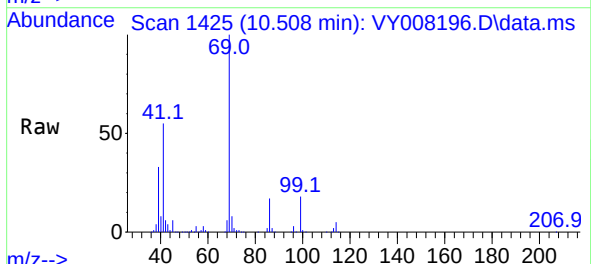
Tgt Ion:	97	Resp:	77770
Ion	Ratio	Lower	Upper
97	100		
83	80.2	69.8	104.8
85	53.4	44.3	66.5
99	61.4	49.8	74.6

Manual Integrations
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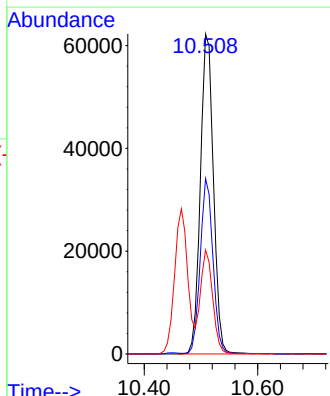
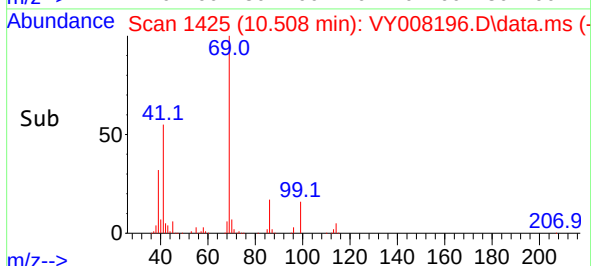
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

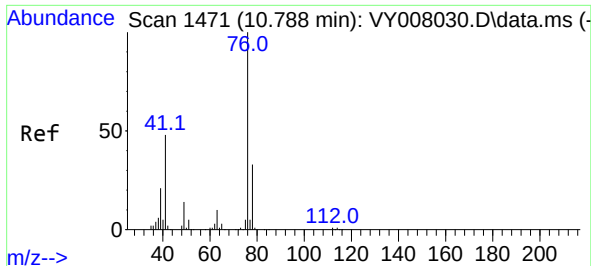


#56
Ethyl methacrylate
Concen: 51.153 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



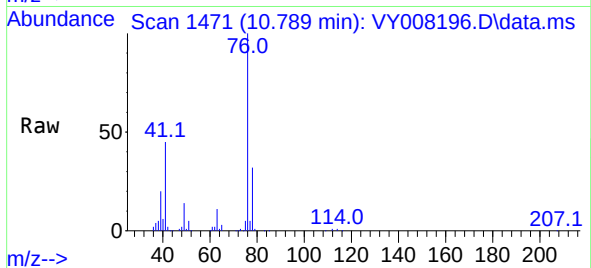
Tgt Ion:	69	Resp:	99405
Ion	Ratio	Lower	Upper
69	100		
41	53.2	63.4	95.0#
39	30.1	35.8	53.8#





#57
1,3-Dichloropropane
Concen: 51.003 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

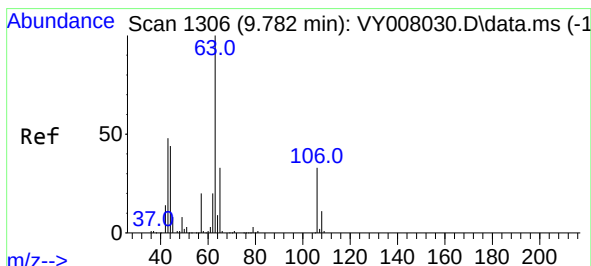
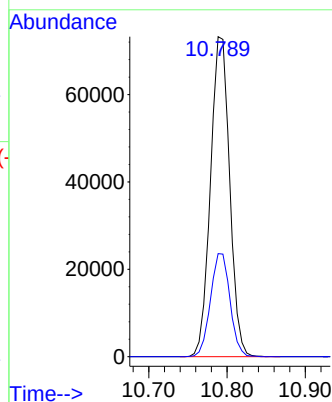
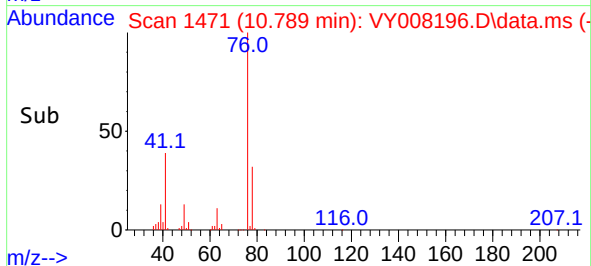
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 12435
Ion Ratio Lower Upper
76 100
78 32.8 25.0 37.6

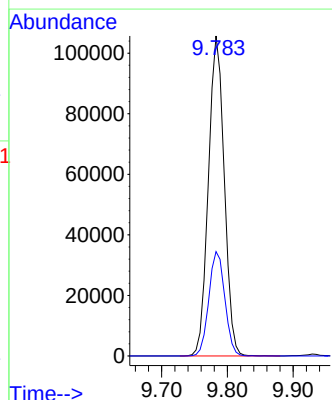
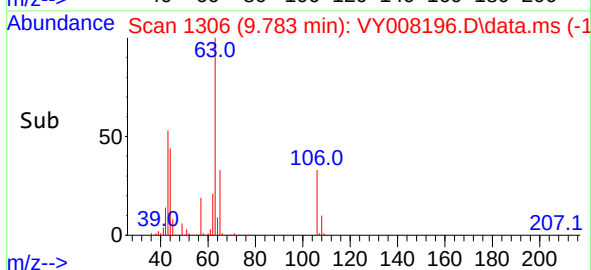
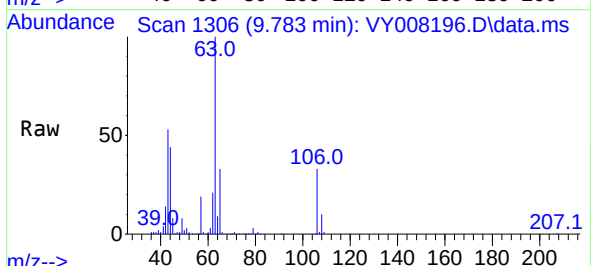
Manual Integrations
APPROVED

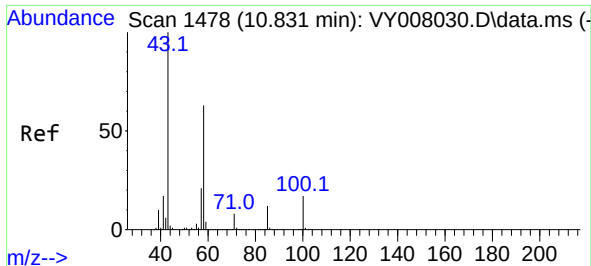
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 220.399 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

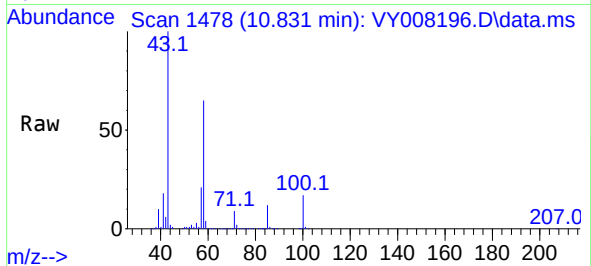
Tgt Ion: 63 Resp: 177455
Ion Ratio Lower Upper
63 100
106 32.9 21.5 32.3#





#59
2-Hexanone
Concen: 265.032 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

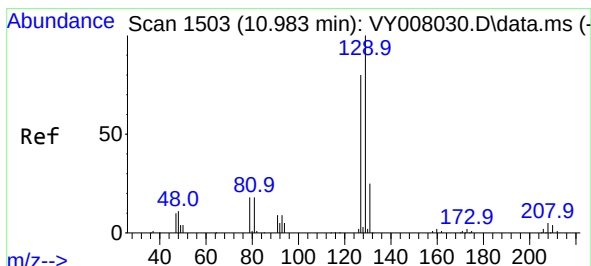
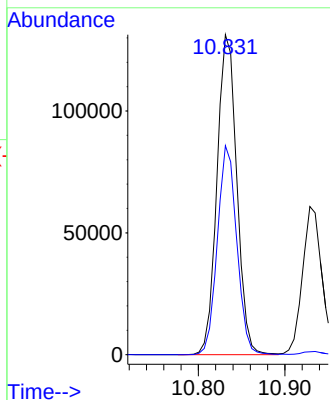
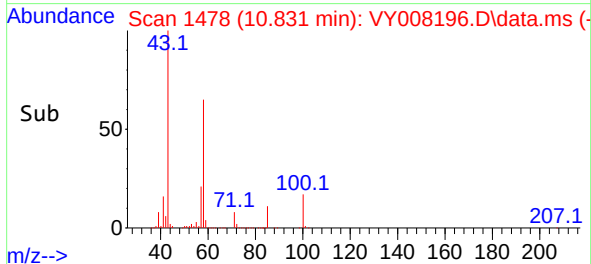
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



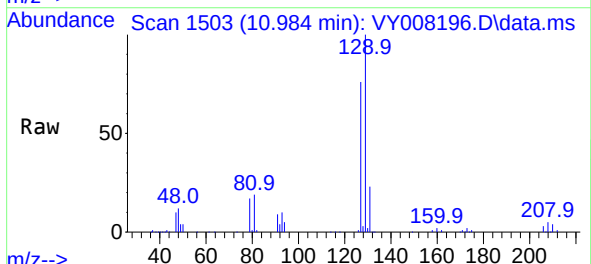
Tgt Ion: 43 Resp: 208779
Ion Ratio Lower Upper
43 100
58 63.9 24.4 73.4

Manual Integrations
APPROVED

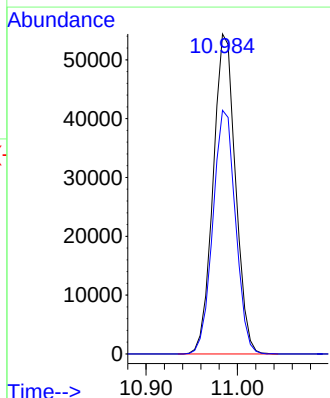
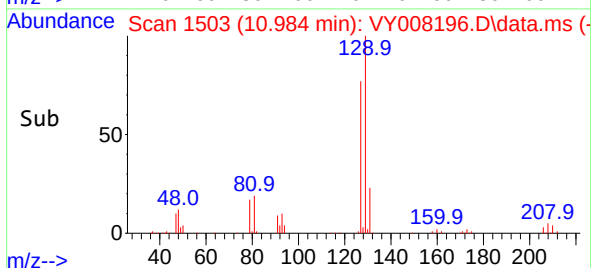
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

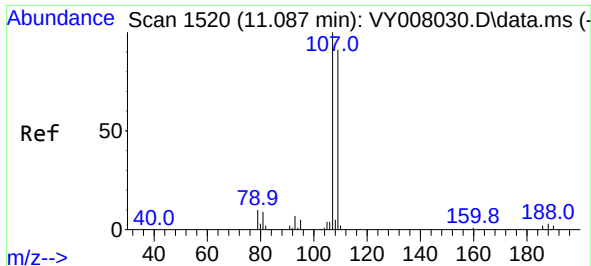


#60
Dibromochloromethane
Concen: 50.947 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



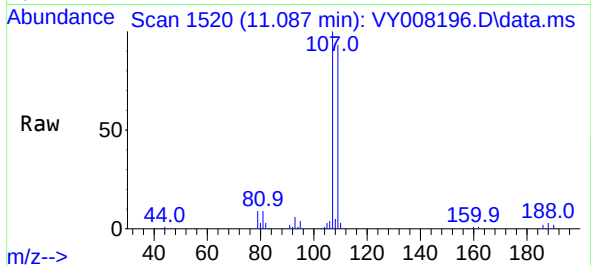
Tgt Ion:129 Resp: 92308
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 51.315 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

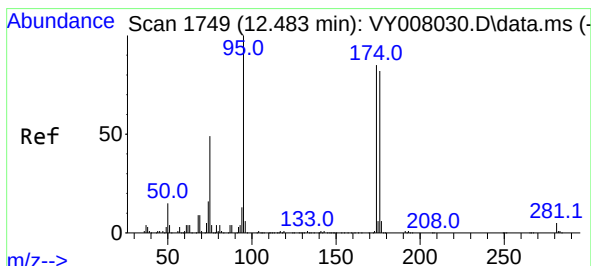
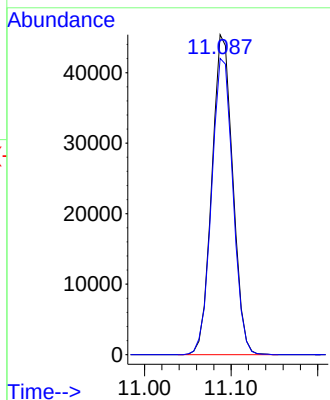
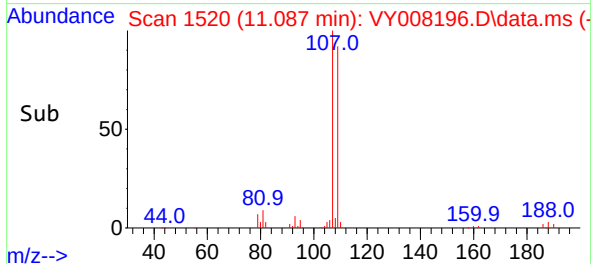
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



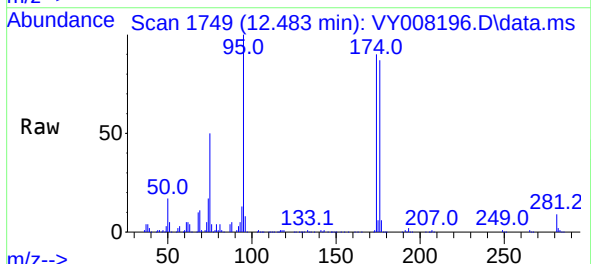
Tgt Ion:107 Resp: 7613
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2

Manual Integrations
APPROVED

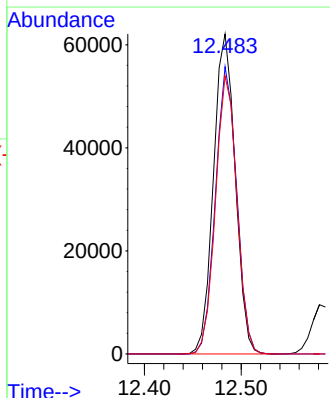
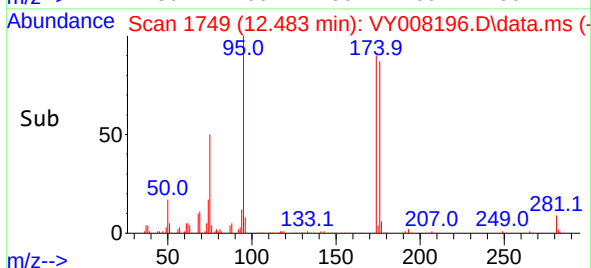
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

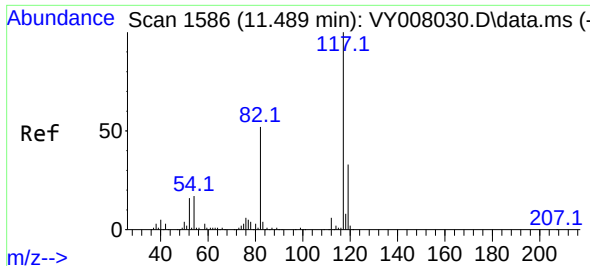


#62
4-Bromofluorobenzene
Concen: 47.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



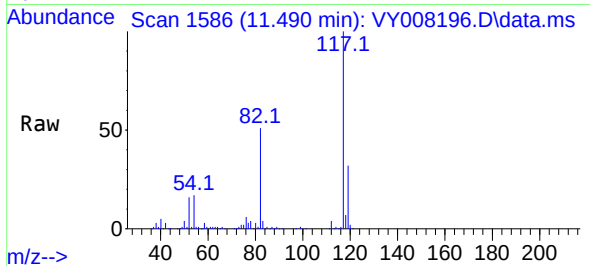
Tgt Ion: 95 Resp: 97038
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 85.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

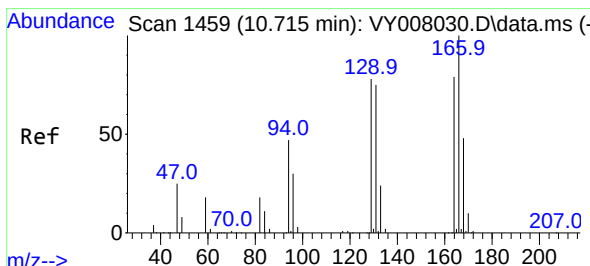
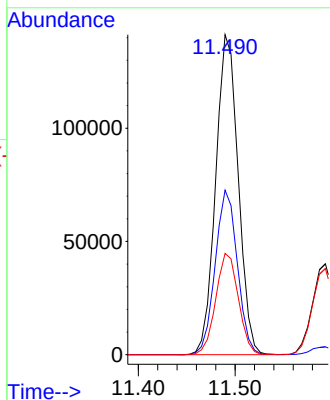
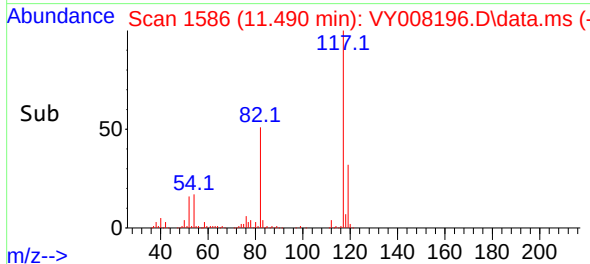
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



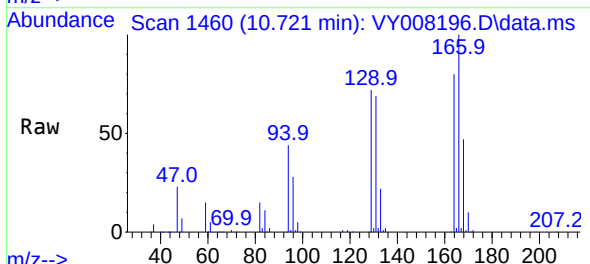
Tgt Ion:117 Resp: 228290
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.7 25.4 38.0

Manual Integrations
APPROVED

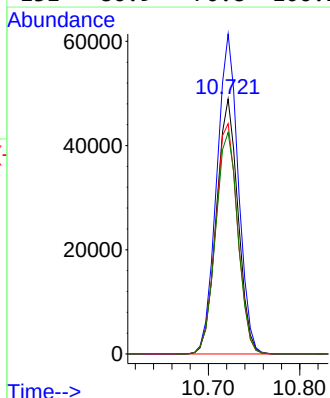
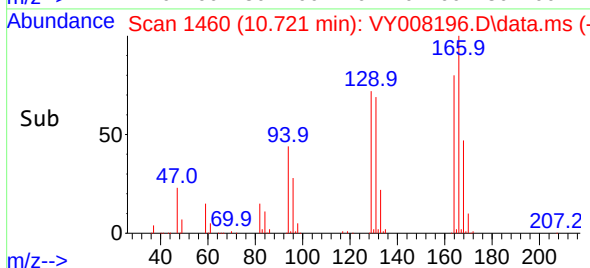
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

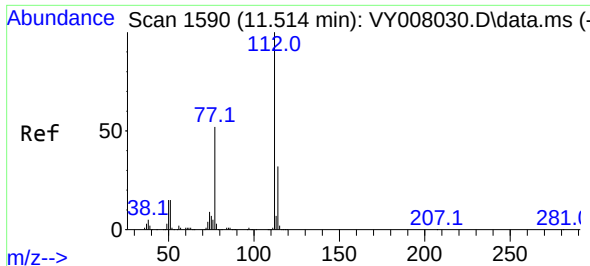


#64
Tetrachloroethene
Concen: 45.906 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



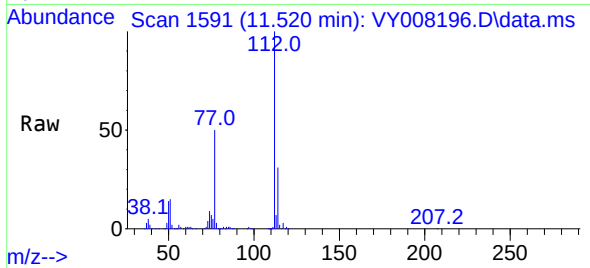
Tgt Ion:164 Resp: 80493
Ion Ratio Lower Upper
164 100
166 125.4 100.4 150.6
129 90.3 71.4 107.0
131 86.9 70.8 106.2





#65
Chlorobenzene
Concen: 48.570 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

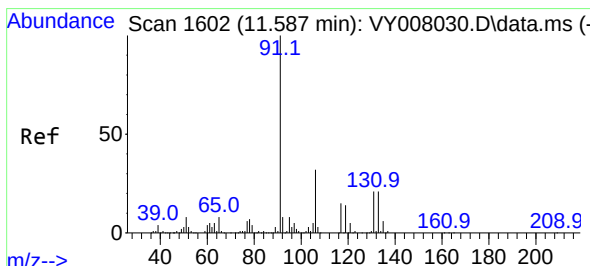
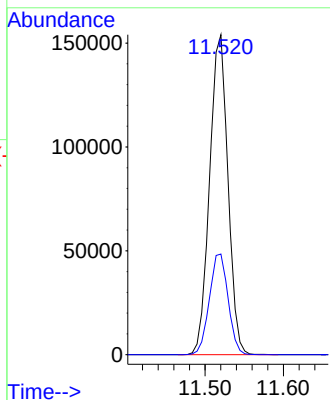
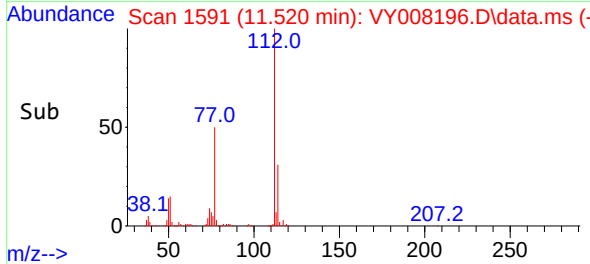
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



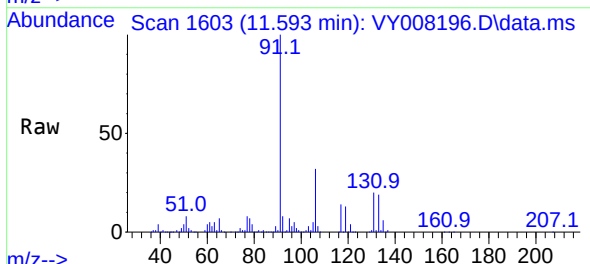
Tgt Ion:112 Resp: 25001
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

Manual Integrations
APPROVED

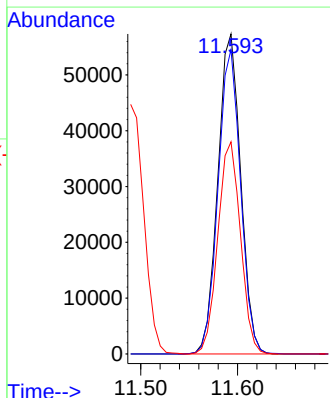
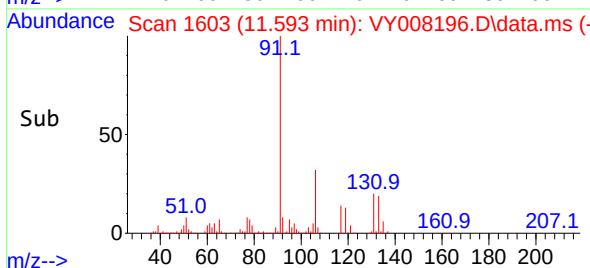
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

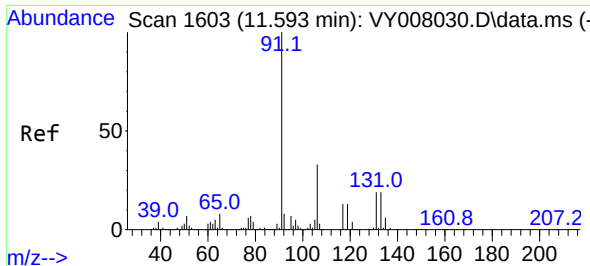


#66
1,1,1,2-Tetrachloroethane
Concen: 49.391 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



Tgt Ion:131 Resp: 93782
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.6
119 65.9 30.8 92.3





#67

Ethyl Benzene

Concen: 47.727 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 430599

Ion Ratio Lower Upper

91 100

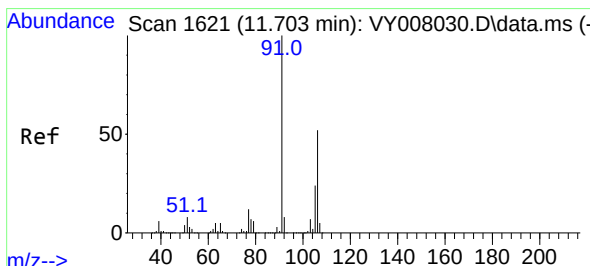
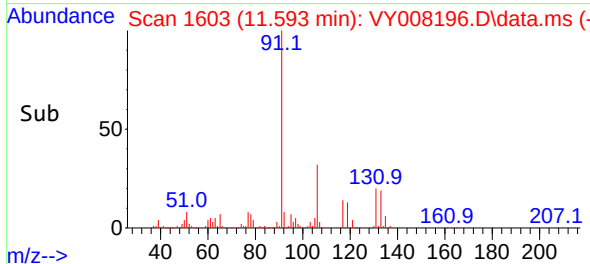
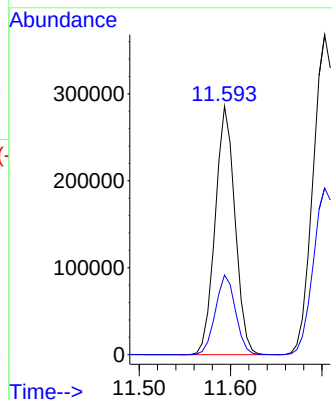
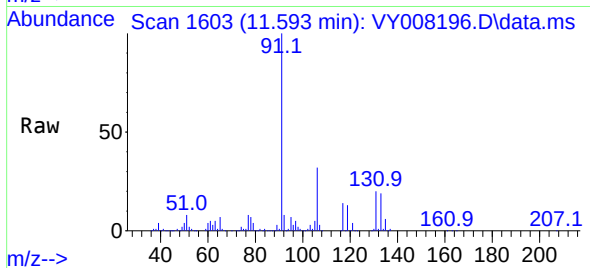
106 32.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/05/2022

Supervised By :Mahesh Dadoda 04/05/2022



#68

m/p-Xylenes

Concen: 97.059 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008196.D

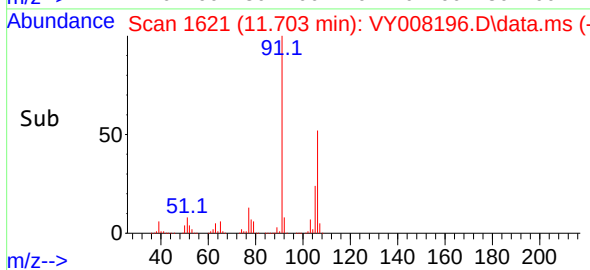
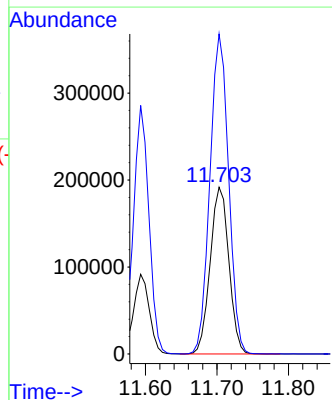
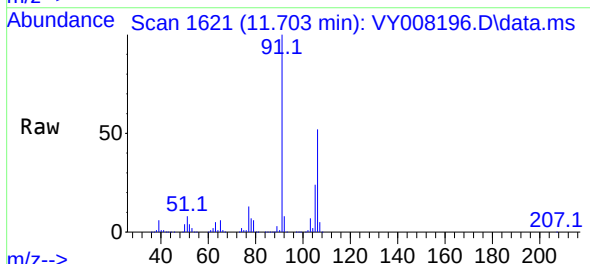
Acq: 04 Apr 2022 21:19

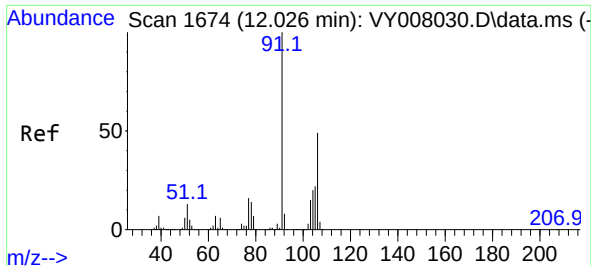
Tgt Ion:106 Resp: 348201

Ion Ratio Lower Upper

106 100

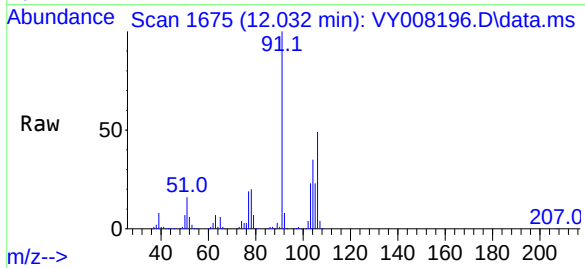
91 191.1 166.6 249.8





#69
o-Xylene
Concen: 48.907 ug/l
RT: 12.032 min Scan# 16799
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

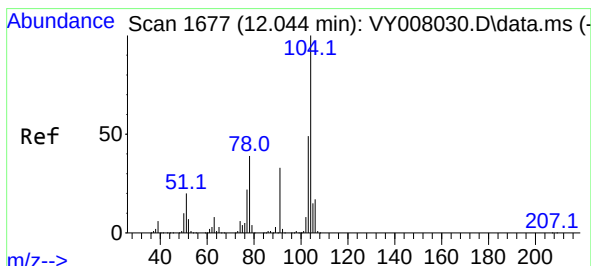
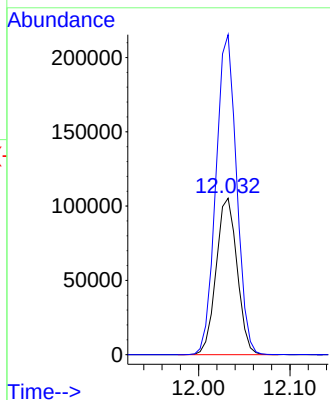
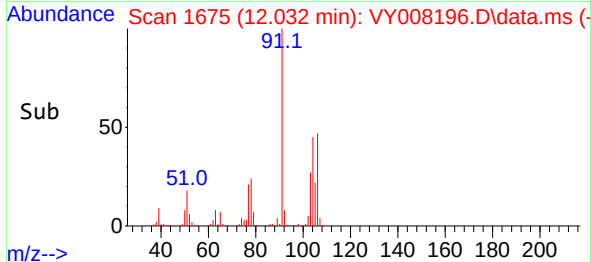
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



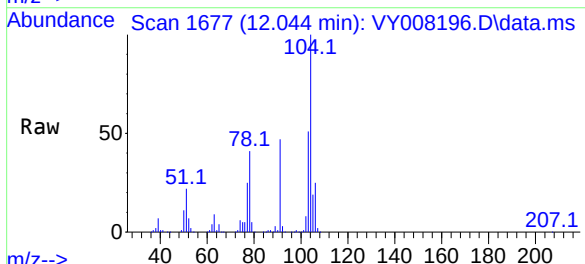
Tgt Ion:106 Resp: 16799
Ion Ratio Lower Upper
106 100
91 201.5 110.3 331.0

Manual Integrations
APPROVED

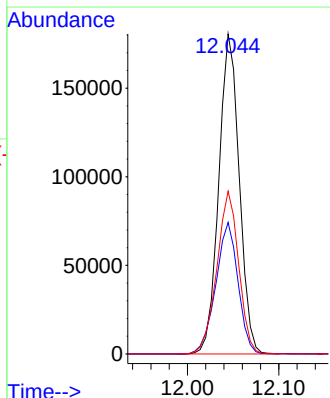
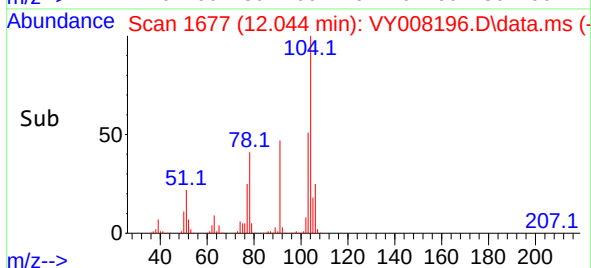
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

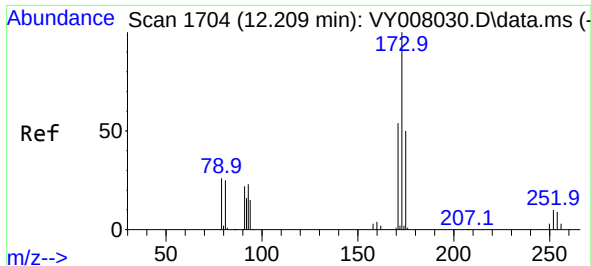


#70
Styrene
Concen: 49.976 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



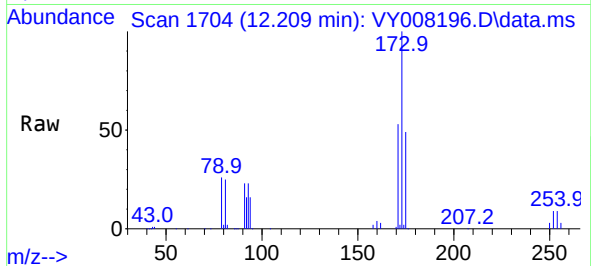
Tgt Ion:104 Resp: 281019
Ion Ratio Lower Upper
104 100
78 44.6 42.4 63.6
103 54.3 44.4 66.6





#71
Bromoform
Concen: 50.542 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

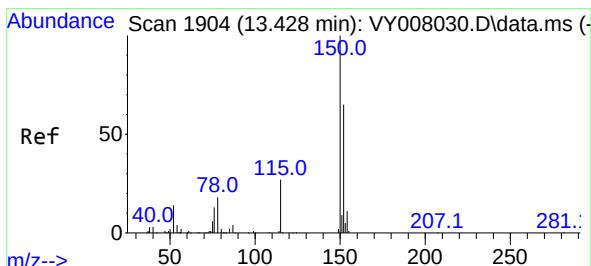
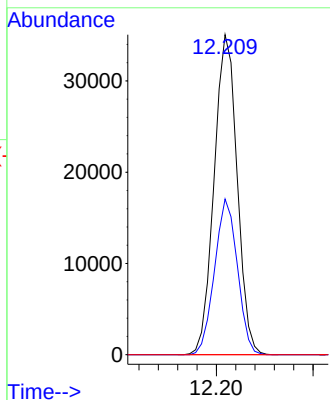
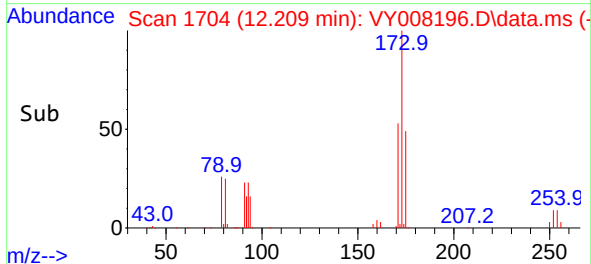
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



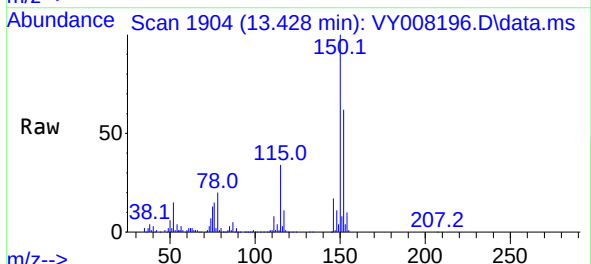
Tgt Ion:173 Resp: 5794
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

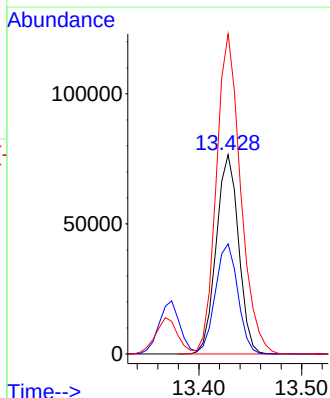
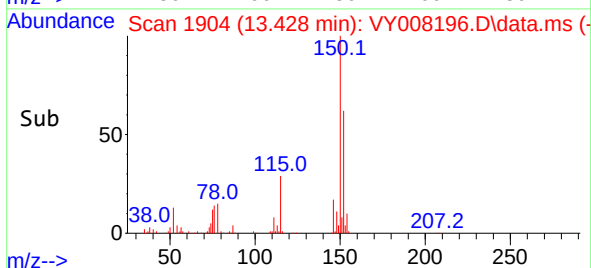
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

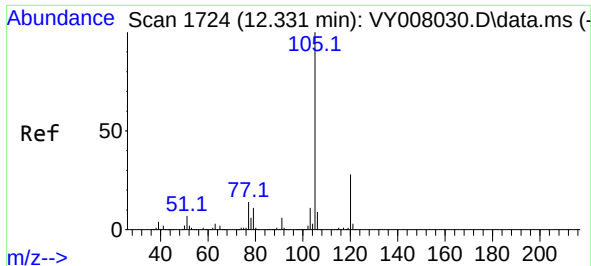


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



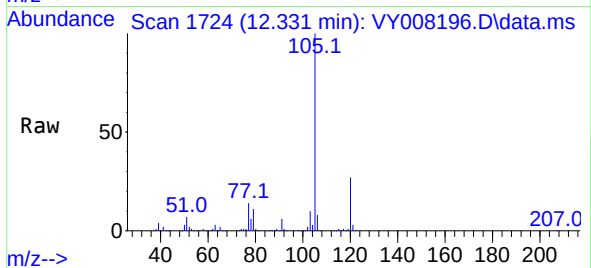
Tgt Ion:152 Resp: 115611
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 174.0 0.0 347.6





#73
Isopropylbenzene
Concen: 44.949 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

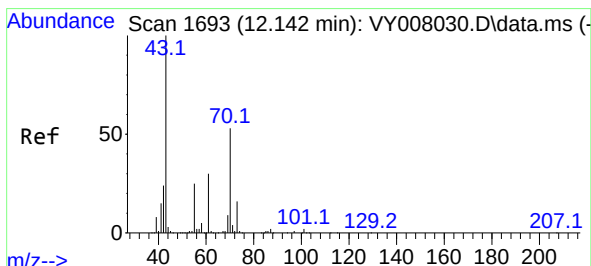
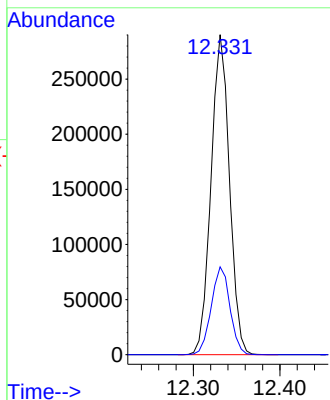
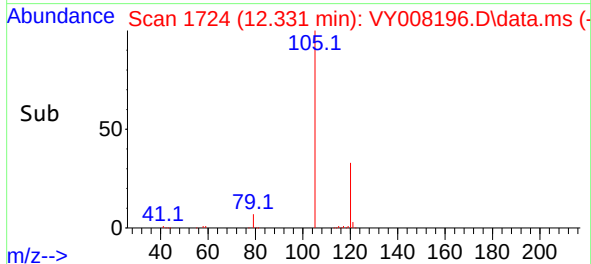
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



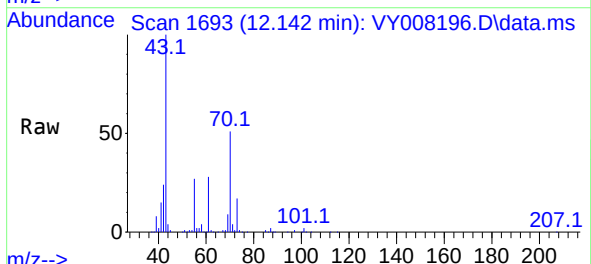
Tgt Ion: 105 Resp: 428934
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2

Manual Integrations
APPROVED

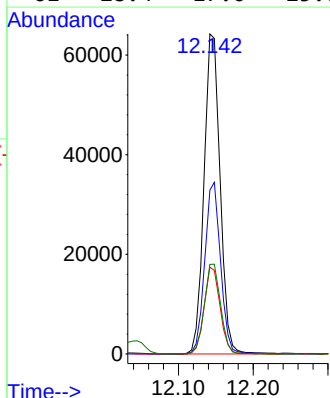
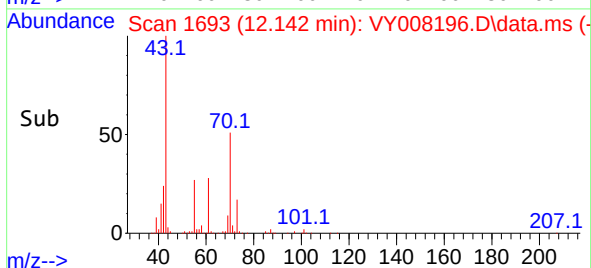
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

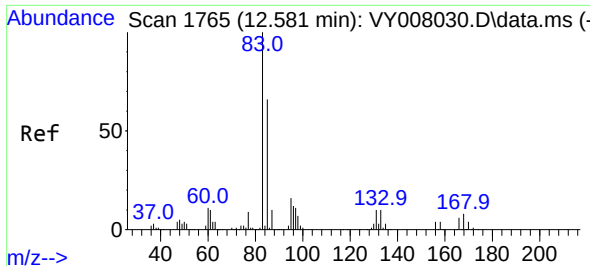


#74
N-ethyl acetate
Concen: 45.873 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



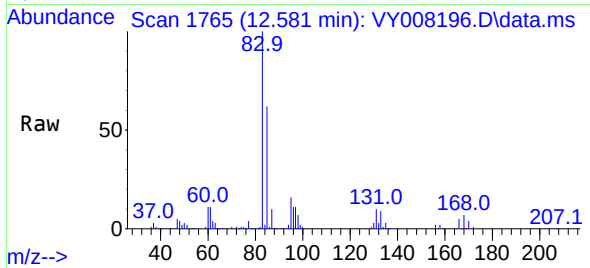
Tgt Ion: 43 Resp: 96227
Ion Ratio Lower Upper
43 100
70 52.8 28.7 43.1#
55 26.7 17.3 25.9#
61 28.4 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 49.900 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

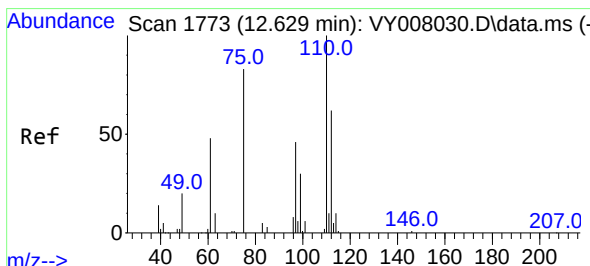
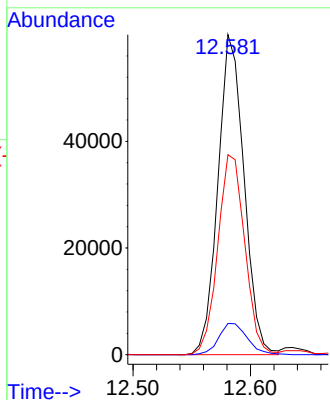
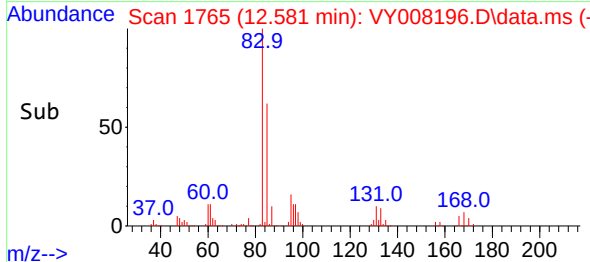
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



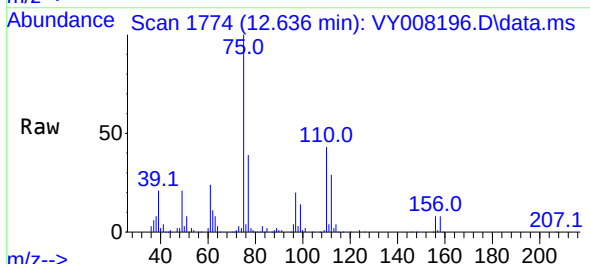
Tgt Ion: 83 Resp: 92554
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.6 32.3 96.8

Manual Integrations
APPROVED

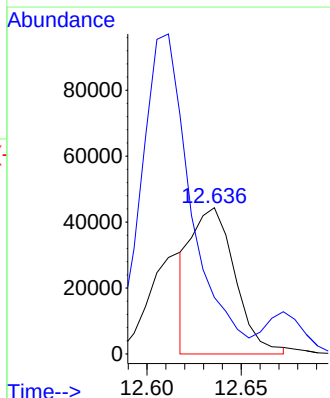
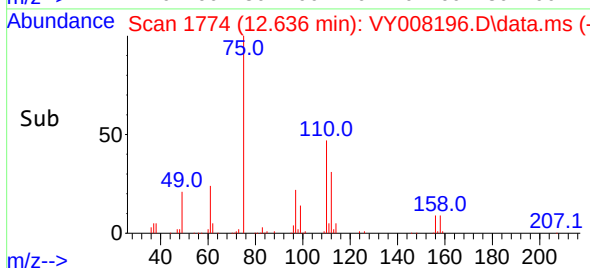
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

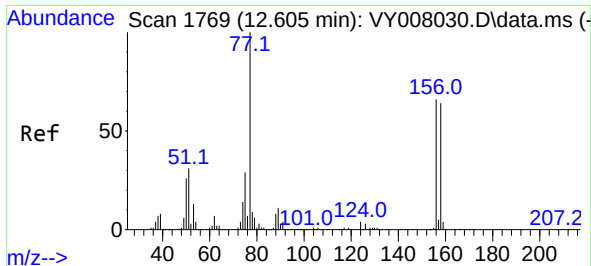


#76
1,2,3-Trichloropropane
Concen: 50.787 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



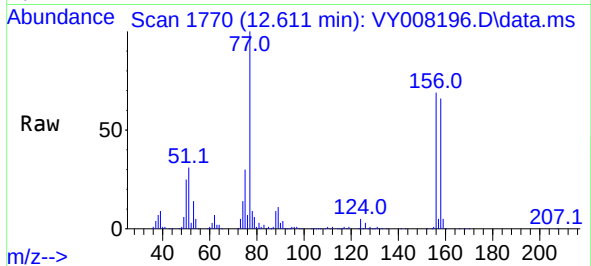
Tgt Ion: 75 Resp: 71574
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.279 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

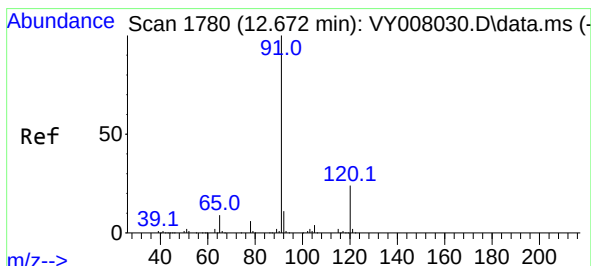
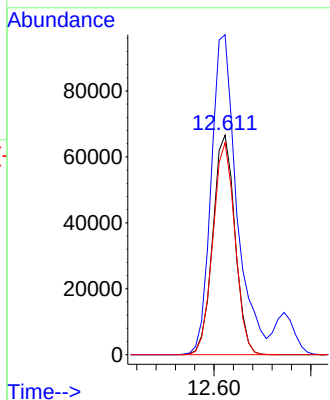
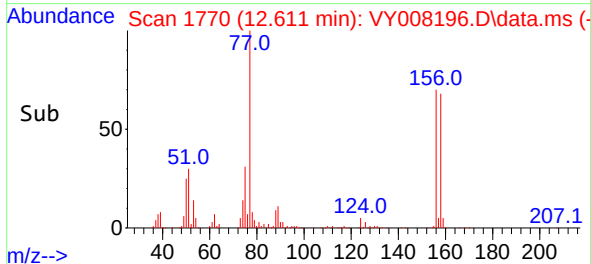
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



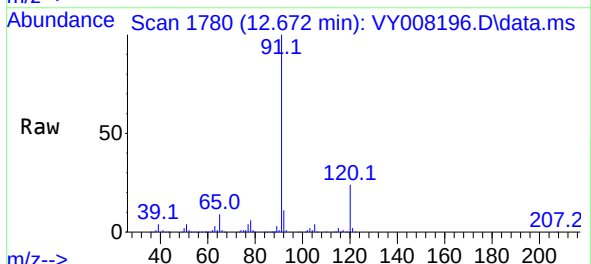
Tgt Ion: 156 Resp: 105694
Ion Ratio Lower Upper
156 100
77 168.3 95.5 286.4
158 96.3 48.0 144.0

Manual Integrations
APPROVED

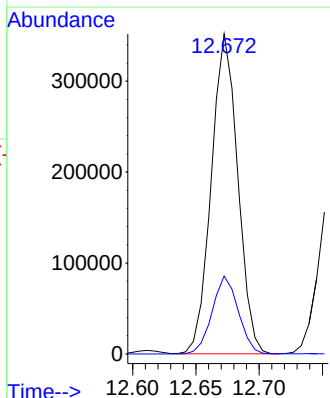
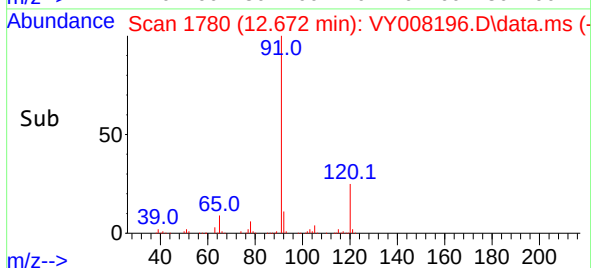
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

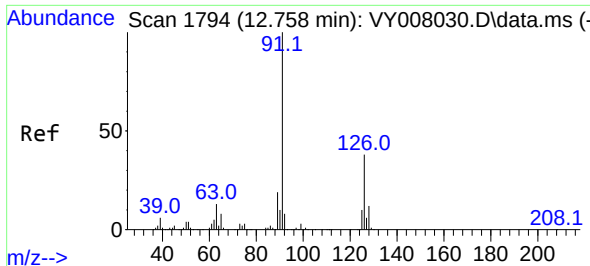


#78
n-propylbenzene
Concen: 45.432 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



Tgt Ion: 91 Resp: 511380
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9





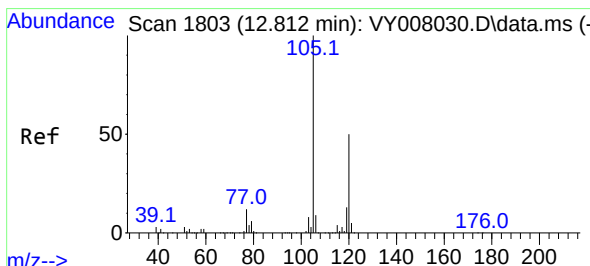
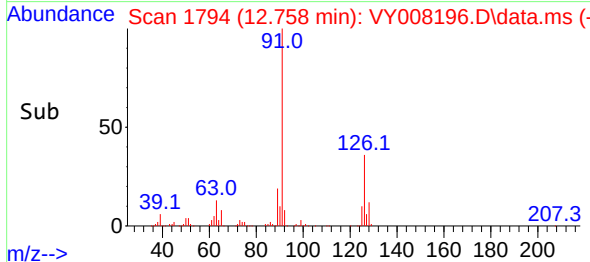
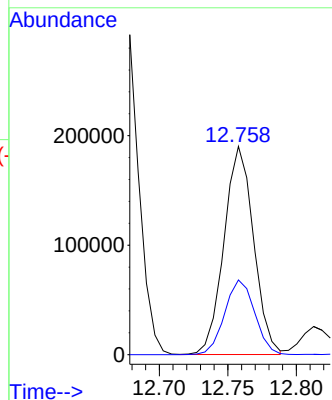
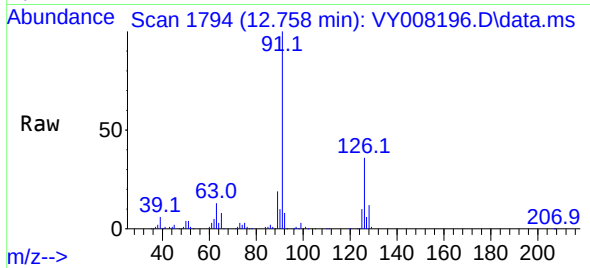
#79
2-Chlorotoluene
Concen: 45.804 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 286000
Ion Ratio Lower Upper
91 100
126 36.4 16.9 50.6

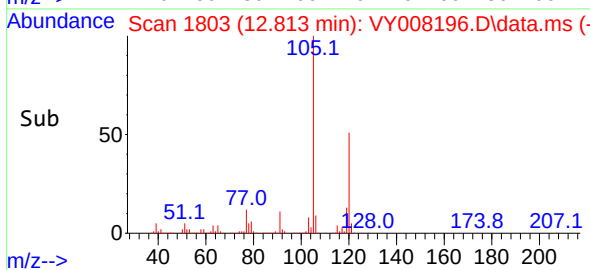
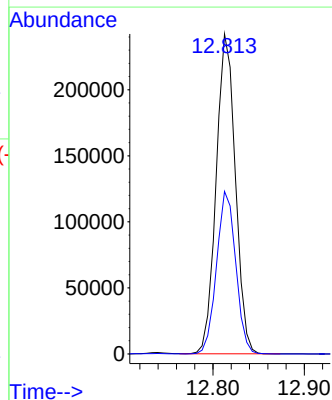
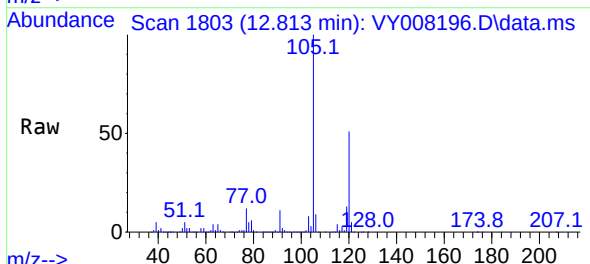
Manual Integrations
APPROVED

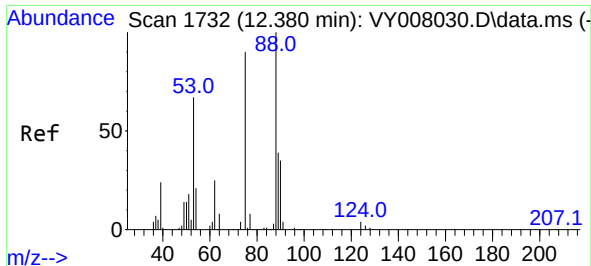
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 45.268 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

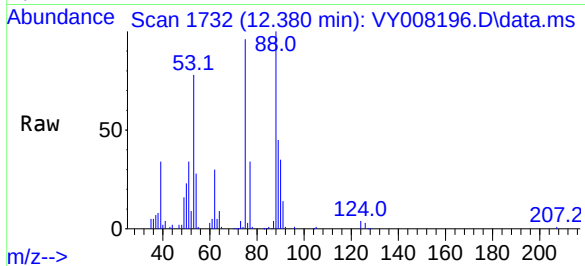
Tgt Ion:105 Resp: 353887
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 45.049 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

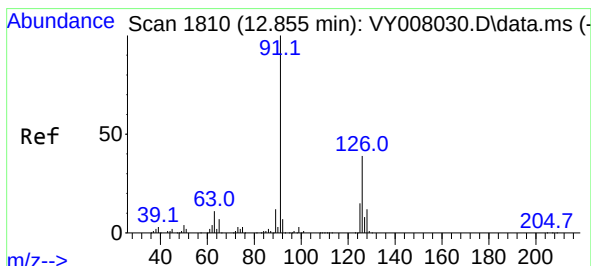
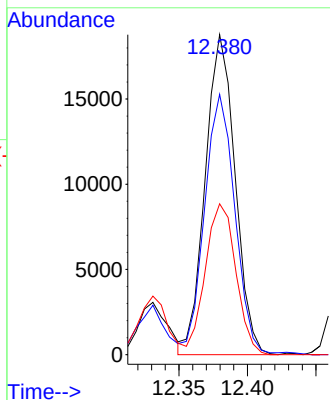
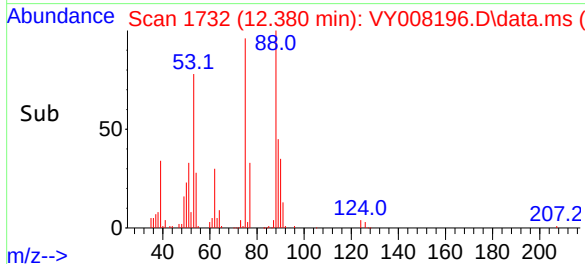
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2845
Ion Ratio Lower Upper
75 100
53 83.0 85.3 127.9
89 48.1 37.0 55.4

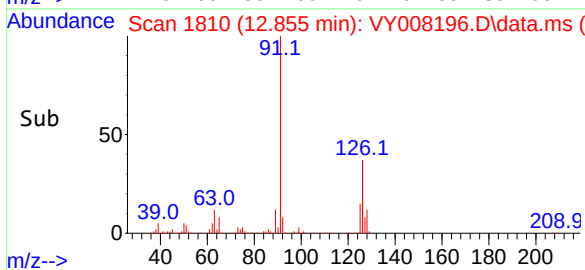
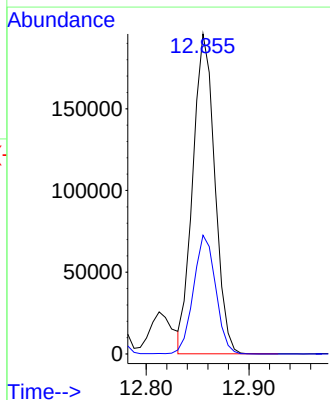
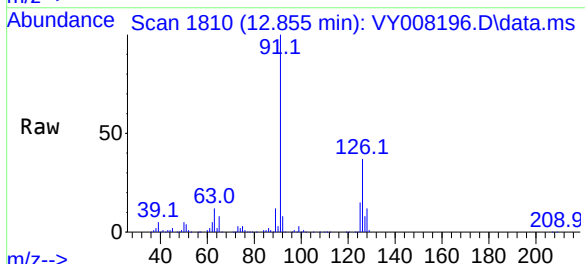
Manual Integrations
APPROVED

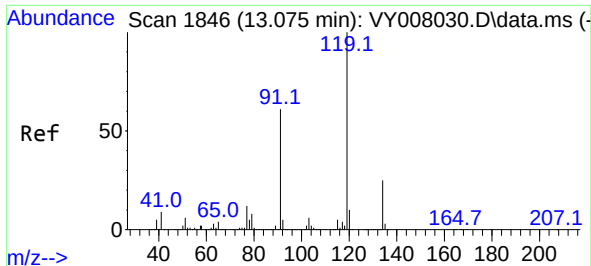
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#82
4-Chlorotoluene
Concen: 45.444 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

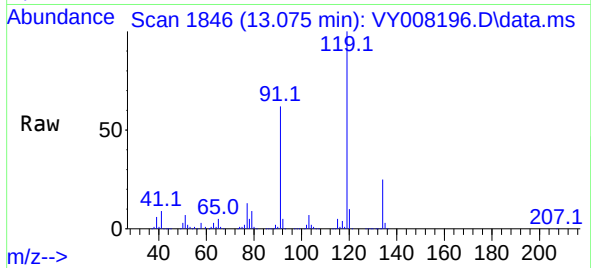
Tgt Ion: 91 Resp: 291155
Ion Ratio Lower Upper
91 100
126 37.5 17.0 51.0





#83
tert-Butylbenzene
Concen: 45.862 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

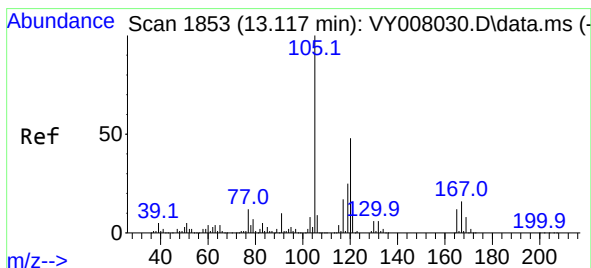
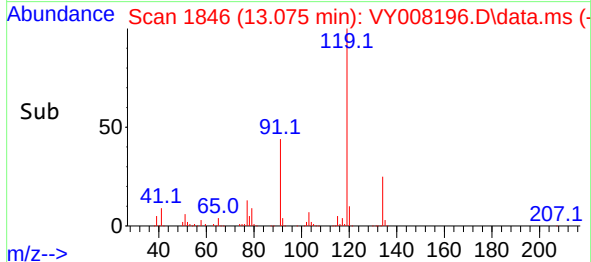
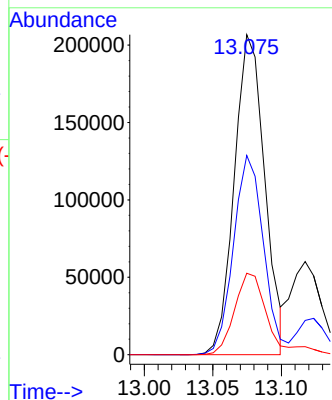
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 31942
Ion Ratio Lower Upper
119 100
91 61.6 34.8 104.4
134 27.8 13.3 39.9

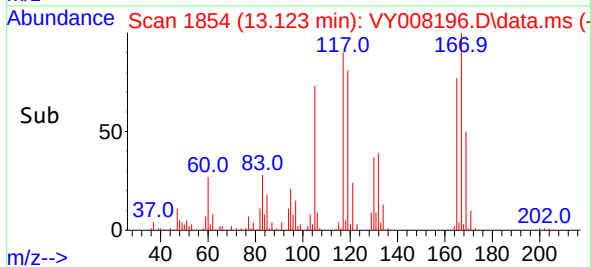
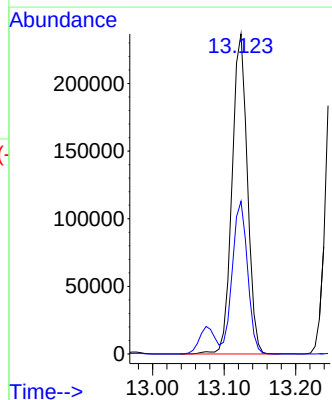
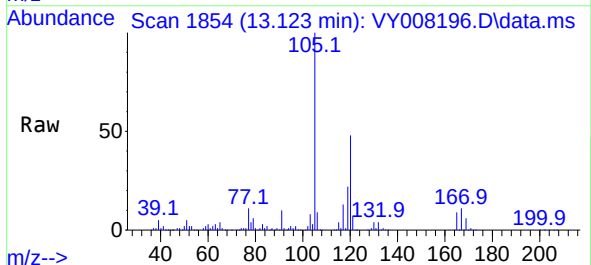
Manual Integrations
APPROVED

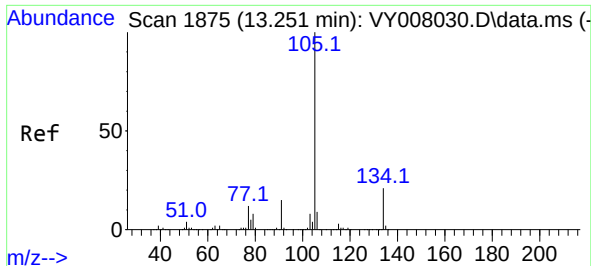
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 46.258 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

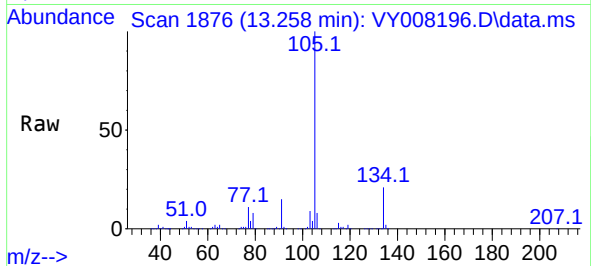
Tgt Ion:105 Resp: 352155
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 45.596 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY008196.D
 Acq: 04 Apr 2022 21:19

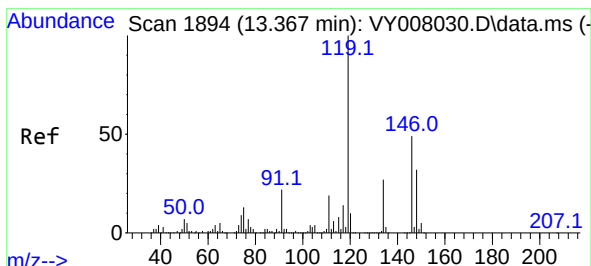
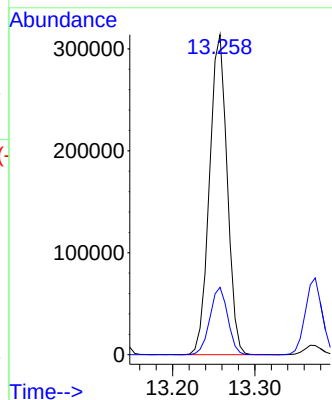
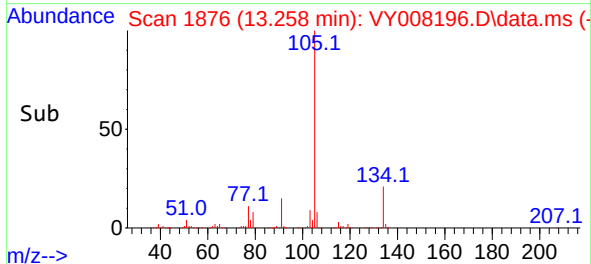
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



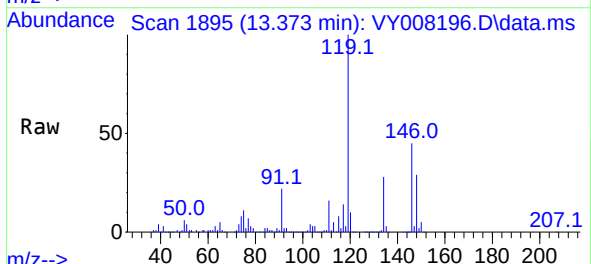
Tgt Ion:105 Resp: 468738
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4

Manual Integrations
 APPROVED

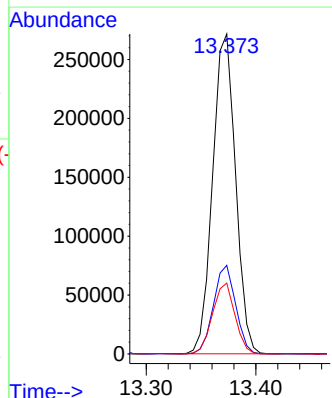
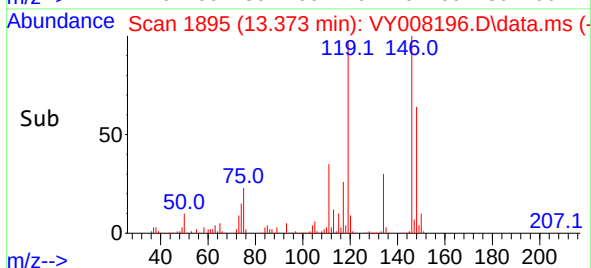
Reviewed By :John Carlone 04/05/2022
 Supervised By :Mahesh Dadoda 04/05/2022

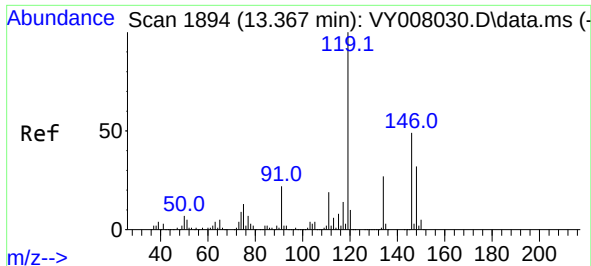


#86
 p-Isopropyltoluene
 Concen: 46.124 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008196.D
 Acq: 04 Apr 2022 21:19



Tgt Ion:119 Resp: 394624
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 21.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.215 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 209269

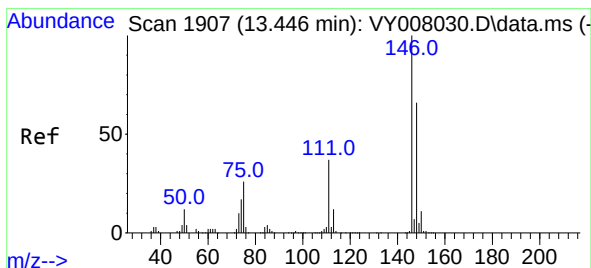
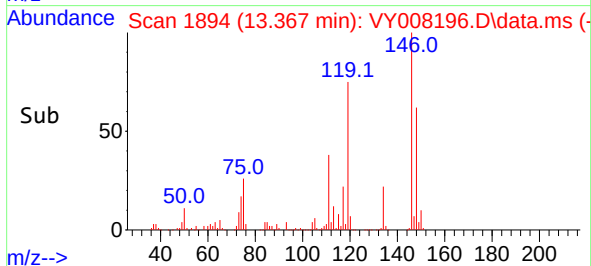
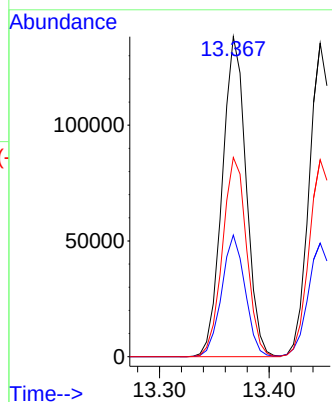
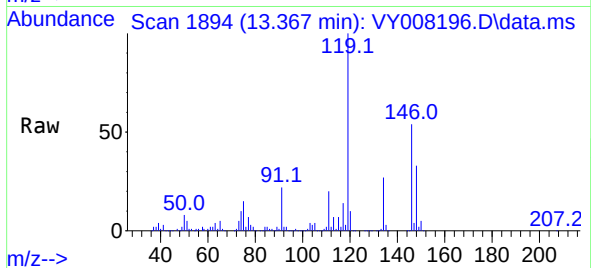
Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.5	58.5
148	62.9	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/05/2022

Supervised By :Mahesh Dadoda 04/05/2022



#88

1,4-Dichlorobenzene

Concen: 47.601 ug/l

RT: 13.447 min Scan# 1907

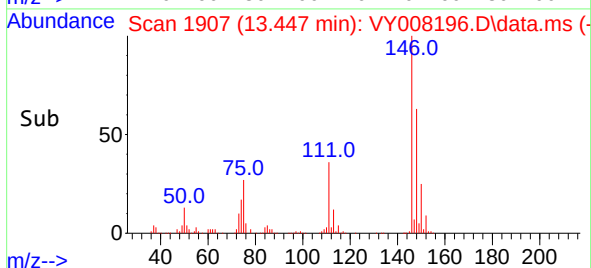
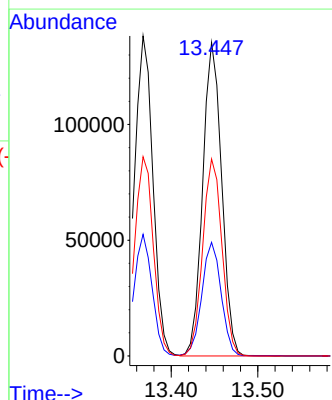
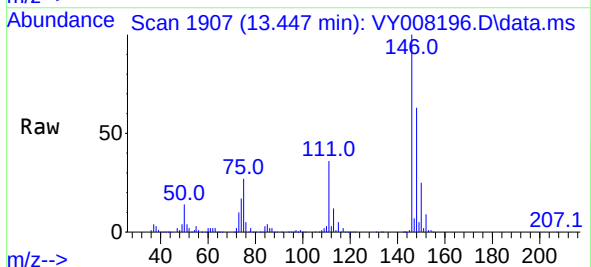
Delta R.T. 0.001 min

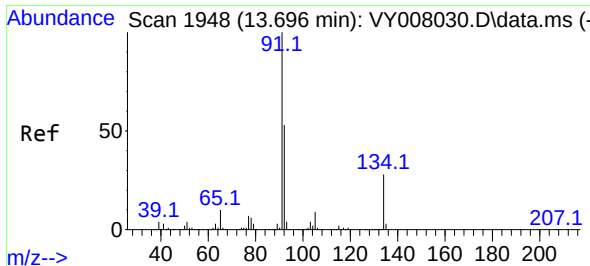
Lab File: VY008196.D

Acq: 04 Apr 2022 21:19

Tgt Ion:146 Resp: 206043

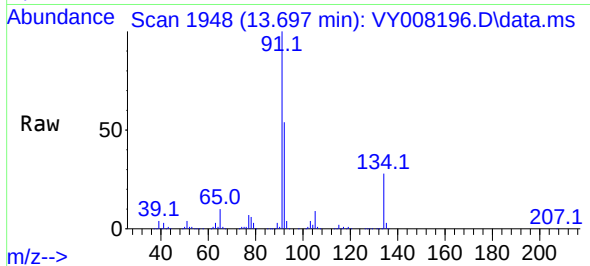
Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.3	57.8
148	63.9	32.6	97.8





#89
n-Butylbenzene
Concen: 44.107 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

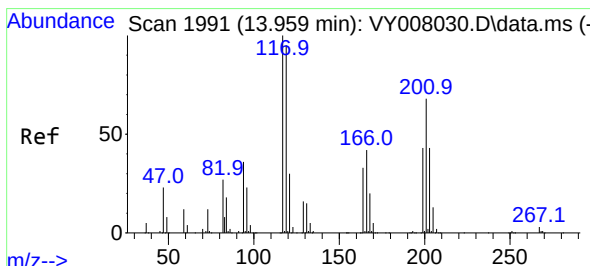
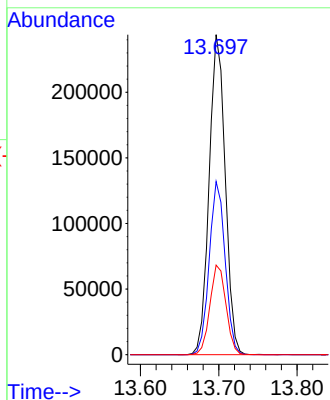
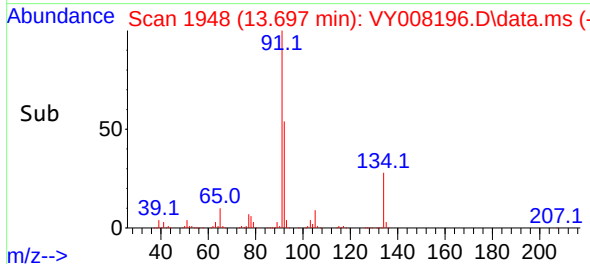
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



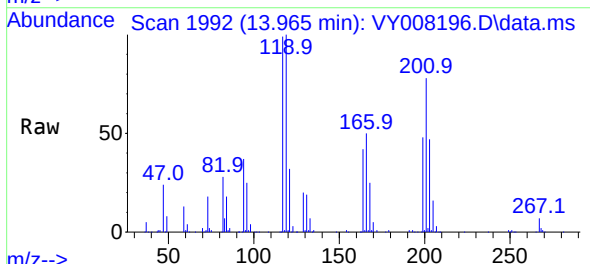
Tgt Ion: 91 Resp: 34720
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 28.0 13.0 38.9

Manual Integrations
APPROVED

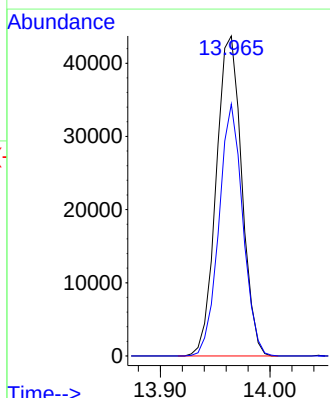
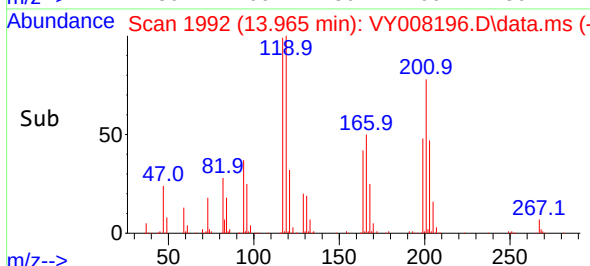
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

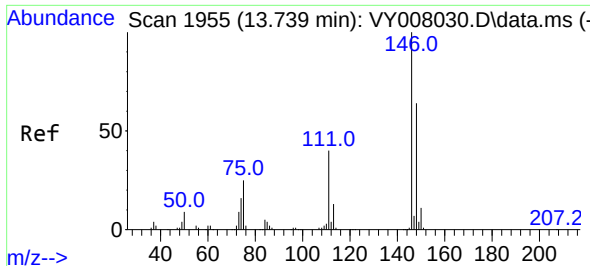


#90
Hexachloroethane
Concen: 42.706 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



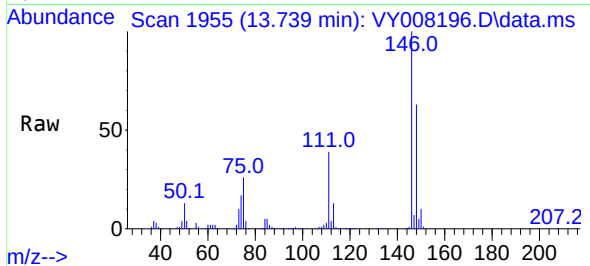
Tgt Ion:117 Resp: 70796
Ion Ratio Lower Upper
117 100
201 73.6 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 48.477 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

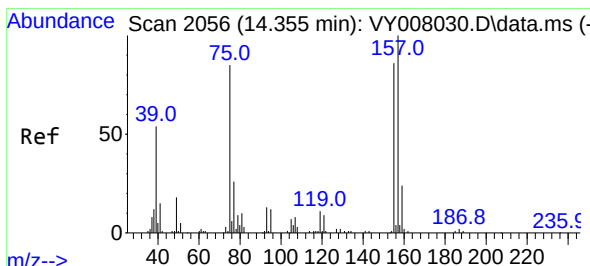
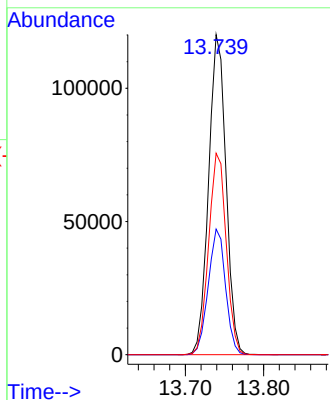
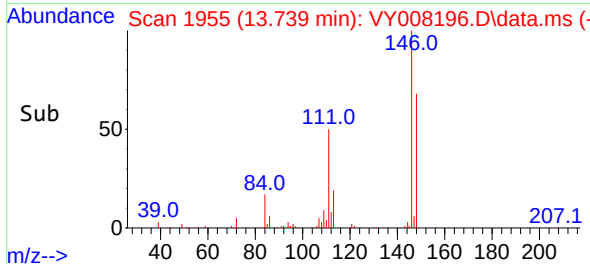
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



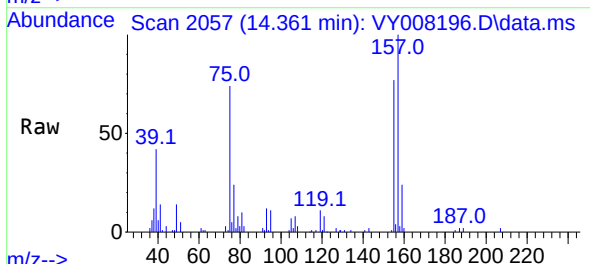
Tgt Ion:146 Resp: 185249
Ion Ratio Lower Upper
146 100
111 39.0 20.3 60.9
148 63.7 32.3 96.9

Manual Integrations
APPROVED

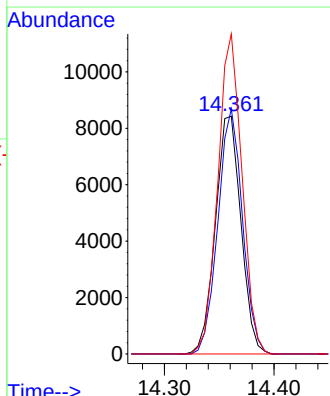
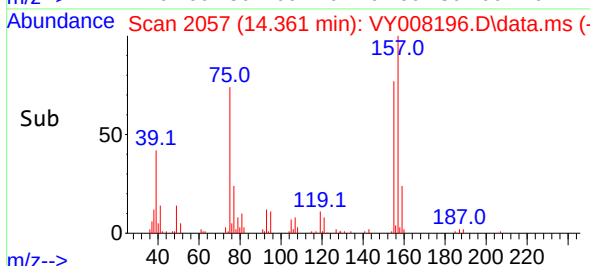
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

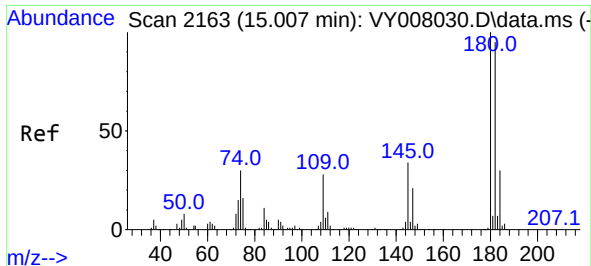


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.170 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



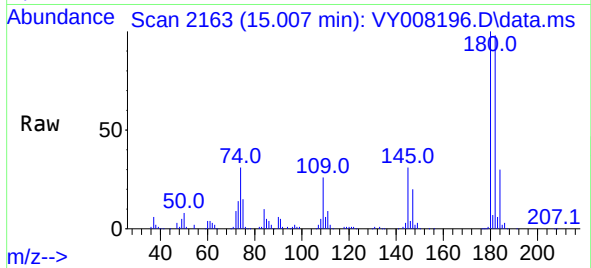
Tgt Ion: 75 Resp: 13668
Ion Ratio Lower Upper
75 100
155 98.9 38.0 113.9
157 127.4 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 44.549 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

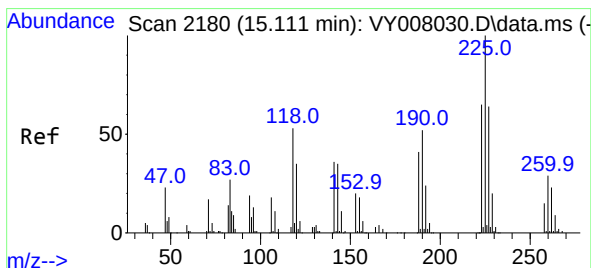
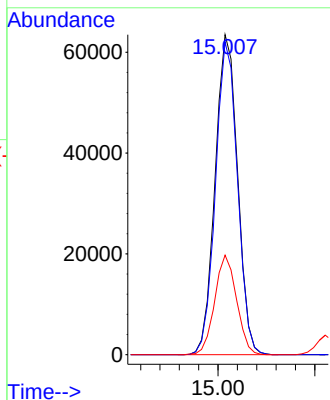
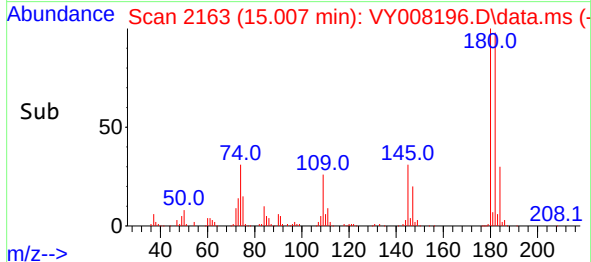
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



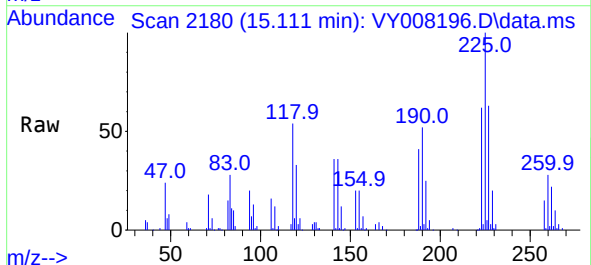
Tgt Ion:180 Resp: 101960
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 30.3 14.6 43.8

Manual Integrations
APPROVED

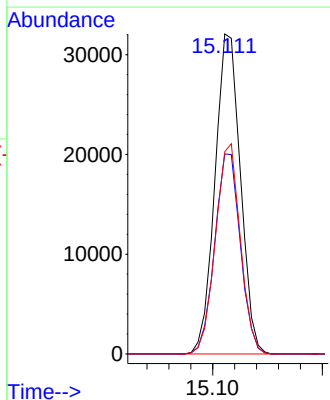
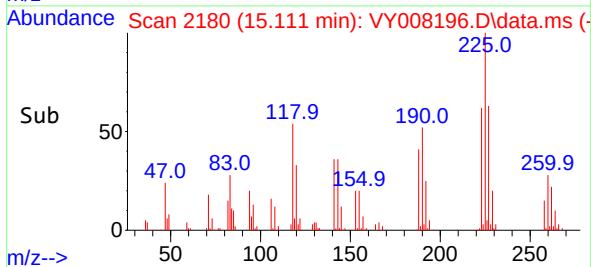
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022

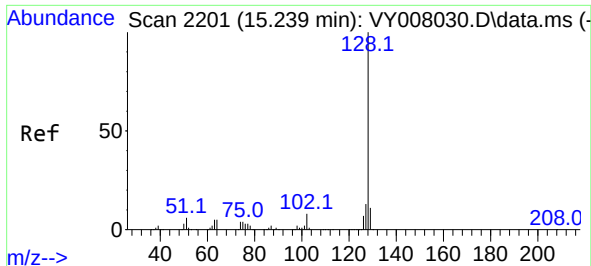


#94
Hexachlorobutadiene
Concen: 42.725 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



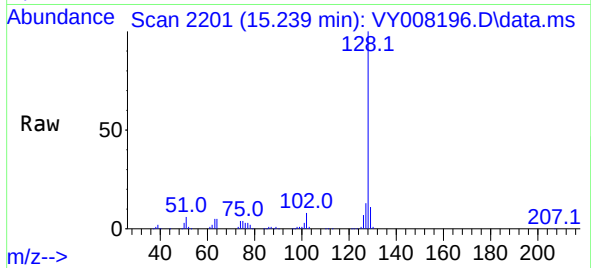
Tgt Ion:225 Resp: 51730
Ion Ratio Lower Upper
225 100
223 62.9 30.8 92.3
227 64.1 31.6 94.7





#95
Naphthalene
Concen: 46.775 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19

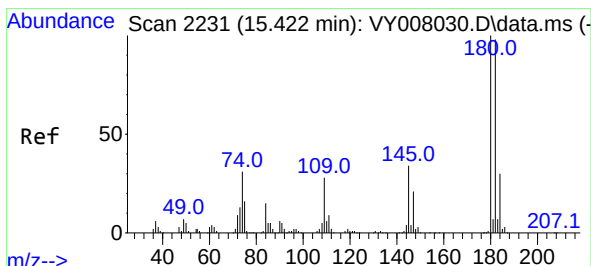
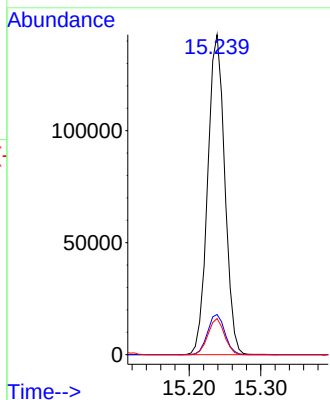
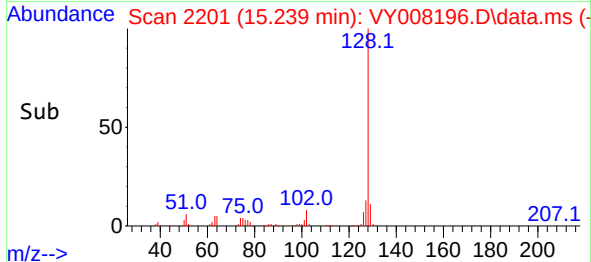
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



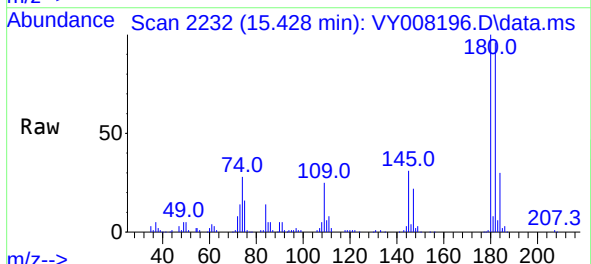
Tgt Ion:128 Resp: 236630
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.430 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008196.D
Acq: 04 Apr 2022 21:19



Tgt Ion:180 Resp: 89966
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 32.2 15.3 45.9

