

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
 Data File : VY007511.D
 Acq On : 16 Feb 2022 15:25
 Operator : SY/MD
 Sample : VY0216SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 17 02:57:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	126416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	179463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67937	48.676	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.360%		
35) Dibromofluoromethane	7.722	113	66184	51.102	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.200%		
50) Toluene-d8	10.179	98	247289	50.272	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.540%		
62) 4-Bromofluorobenzene	12.483	95	83236	49.904	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33624	24.044	ug/l	95
3) Chloromethane	2.119	50	22419	15.639	ug/l	92
4) Vinyl Chloride	2.259	62	20205	14.360	ug/l	99
5) Bromomethane	2.656	94	17645	19.173	ug/l	94
6) Chloroethane	2.796	64	15544	18.669	ug/l	93
7) Trichlorofluoromethane	3.131	101	59218	22.142	ug/l	99
8) Diethyl Ether	3.534	74	15695	20.305	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.905	101	33071	22.489	ug/l	92
10) Methyl Iodide	4.101	142	38442	21.177	ug/l	93
11) Tert butyl alcohol	4.960	59	10229	93.691	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	29421	21.434	ug/l	82
13) Acrolein	3.735	56	11181	101.981	ug/l	96
14) Allyl chloride	4.491	41	39078	20.255	ug/l #	89
15) Acrylonitrile	5.167	53	30681	90.164	ug/l	98
16) Acetone	3.948	43	26610	71.862	ug/l #	87
17) Carbon Disulfide	4.204	76	84005	21.247	ug/l	99
18) Methyl Acetate	4.479	43	14393	17.293	ug/l #	82
19) Methyl tert-butyl Ether	5.228	73	75529	19.840	ug/l	93
20) Methylene Chloride	4.722	84	31779	20.939	ug/l #	82
21) trans-1,2-Dichloroethene	5.228	96	31451	20.970	ug/l	86
22) Diisopropyl ether	6.125	45	80802	19.921	ug/l #	92
23) Vinyl Acetate	6.064	43	240451	92.920	ug/l #	89
24) 1,1-Dichloroethane	6.021	63	52858	20.851	ug/l	99
25) 2-Butanone	6.990	43	37589	81.986	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	53593	21.098	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	35282	21.105	ug/l	85
28) Bromochloromethane	7.338	49	17065	17.564	ug/l #	68
29) Tetrahydrofuran	7.350	42	23818	88.526	ug/l #	82
30) Chloroform	7.508	83	57901	21.159	ug/l	100
31) Cyclohexane	7.789	56	50692	20.538	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	57009	21.876	ug/l	94
36) 1,1-Dichloropropene	7.923	75	44667	21.287	ug/l	98
37) Ethyl Acetate	7.076	43	17093	18.030	ug/l #	93
38) Carbon Tetrachloride	7.905	117	52251	21.915	ug/l	94
39) Methylcyclohexane	9.185	83	58422	21.445	ug/l	87
40) Benzene	8.161	78	119155	20.653	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	11522m	18.721	ug/l	
42) 1,2-Dichloroethane	8.240	62	36025	20.434	ug/l	91
43) Isopropyl Acetate	8.271	43	33554	17.426	ug/l #	86
44) Trichloroethene	8.941	130	35939	21.959	ug/l	96
45) 1,2-Dichloropropane	9.222	63	27461	20.019	ug/l	93
46) Dibromomethane	9.313	93	16532	19.407	ug/l	99
47) Bromodichloromethane	9.496	83	42204	20.401	ug/l	96
48) Methyl methacrylate	9.295	41	15632	18.320	ug/l #	85
49) 1,4-Dioxane	9.301	88	3552	387.341	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	83254	87.060	ug/l	89
52) Toluene	10.246	92	77917	21.062	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	43245	20.022	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	49310	20.459	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	22776	20.159	ug/l	95
56) Ethyl methacrylate	10.514	69	28709	18.896	ug/l #	82
57) 1,3-Dichloropropane	10.794	76	38335	19.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	68860	86.982	ug/l #	89
59) 2-Hexanone	10.837	43	57064	82.654	ug/l	88
60) Dibromochloromethane	10.990	129	29820	20.930	ug/l	98
61) 1,2-Dibromoethane	11.093	107	22394	19.879	ug/l	98
64) Tetrachloroethene	10.721	164	31588	22.319	ug/l	97
65) Chlorobenzene	11.520	112	82801	21.065	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	32170	21.670	ug/l	99
67) Ethyl Benzene	11.593	91	154758	21.037	ug/l	96
68) m/p-Xylenes	11.703	106	117727	42.285	ug/l	99
69) o-Xylene	12.032	106	56521	21.455	ug/l	97
70) Styrene	12.044	104	91437	21.110	ug/l	98
71) Bromoform	12.209	173	16472	20.146	ug/l #	97
73) Isopropylbenzene	12.331	105	155382	21.653	ug/l	99
74) N-amyl acetate	12.148	43	29384	18.087	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	23269	18.931	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	16033m	17.131	ug/l	
77) Bromobenzene	12.611	156	32279	20.947	ug/l	95
78) n-propylbenzene	12.672	91	183927	21.300	ug/l	99
79) 2-Chlorotoluene	12.758	91	100192	21.047	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	128483	21.616	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	8559	19.008	ug/l	87
82) 4-Chlorotoluene	12.855	91	102447	20.993	ug/l	100
83) tert-Butylbenzene	13.081	119	114391	22.019	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	128745	22.338	ug/l	100
85) sec-Butylbenzene	13.251	105	164220	21.444	ug/l	100
86) p-Isopropyltoluene	13.373	119	138298	21.925	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	63494	21.164	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	62762	21.084	ug/l	98
89) n-Butylbenzene	13.696	91	129442	21.579	ug/l	99
90) Hexachloroethane	13.965	117	25937	21.518	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	54842	20.756	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3621	17.352	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	33347	21.082	ug/l	97
94) Hexachlorobutadiene	15.111	225	20276	22.100	ug/l	99
95) Naphthalene	15.239	128	67247	19.513	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	27793	20.318	ug/l	98

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBSD02

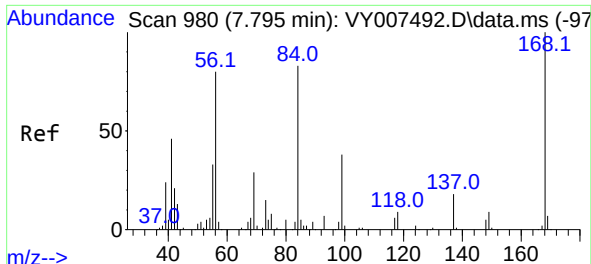
Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

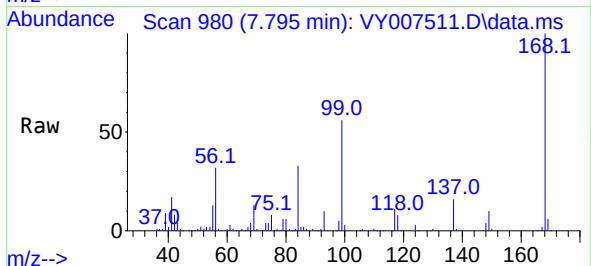
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY007511.D
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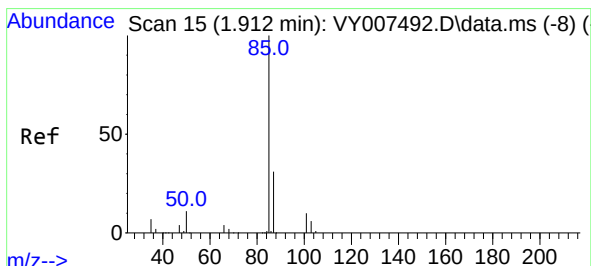
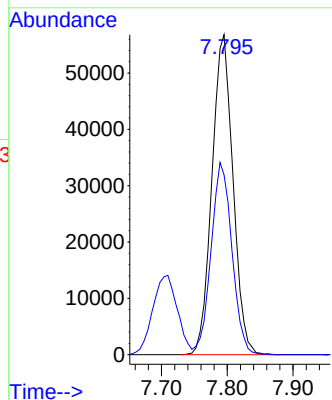
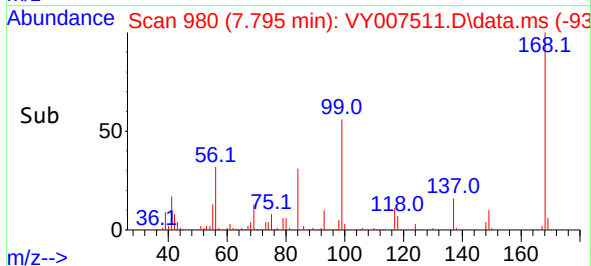
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02



Tgt Ion:168 Resp: 126410
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3

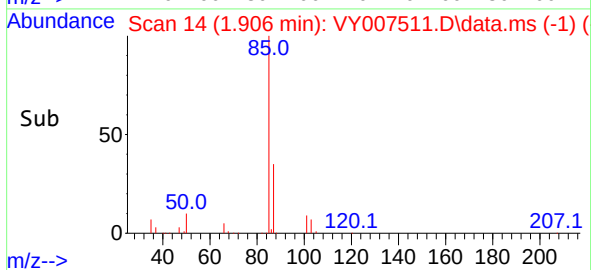
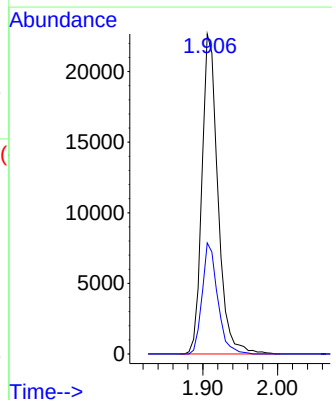
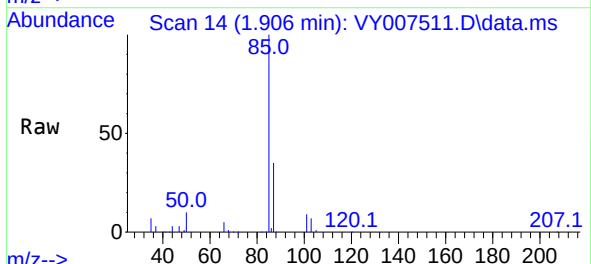
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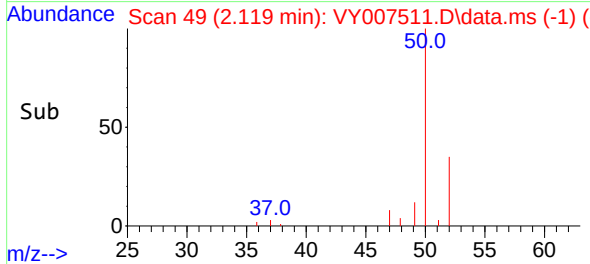
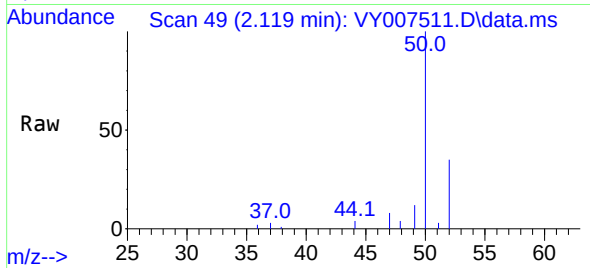
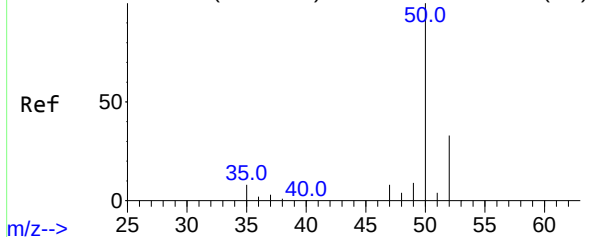


#2
Dichlorodifluoromethane
Concen: 24.044 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion: 85 Resp: 33624
Ion Ratio Lower Upper
85 100
87 34.7 16.1 48.2



Abundance Scan 49 (2.119 min): VY007492.D\data.ms (-42)



#3

Chloromethane

Concen: 15.639 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02

Tgt Ion: 50 Resp: 22419

Ion Ratio Lower Upper

50 100

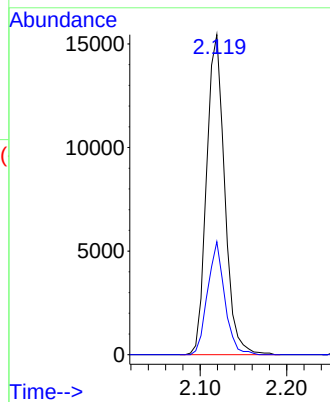
52 35.3 24.6 37.0

Manual Integrations

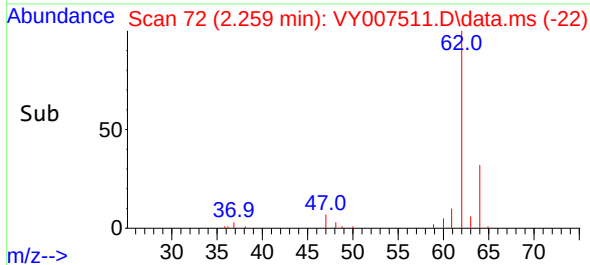
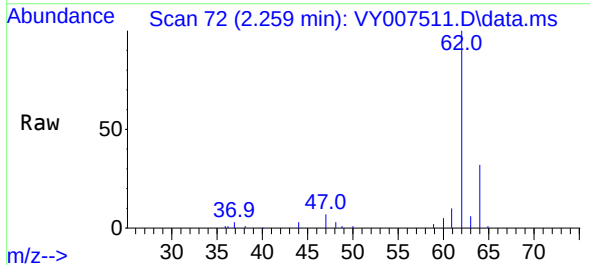
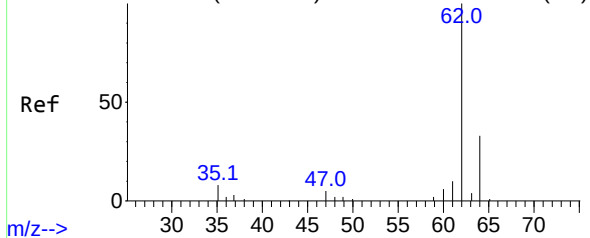
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Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



Abundance Scan 72 (2.259 min): VY007492.D\data.ms (-64)



#4

Vinyl Chloride

Concen: 14.360 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY007511.D

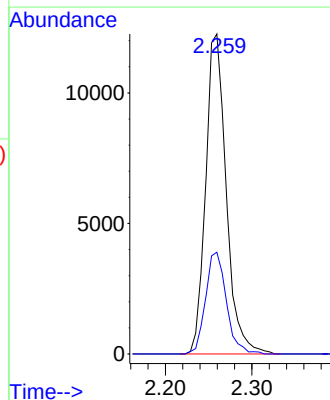
Acq: 16 Feb 2022 15:25

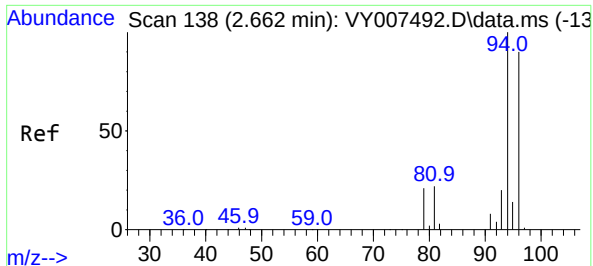
Tgt Ion: 62 Resp: 20205

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.6





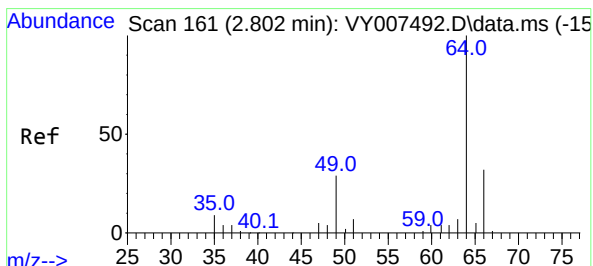
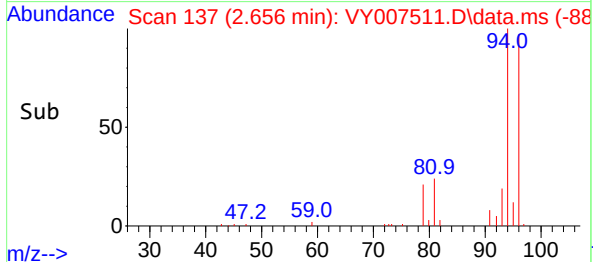
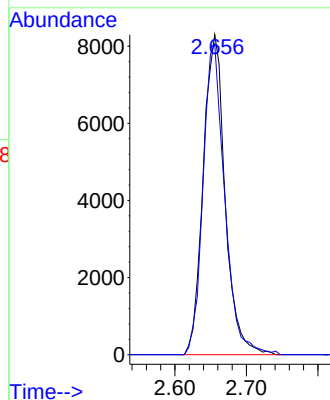
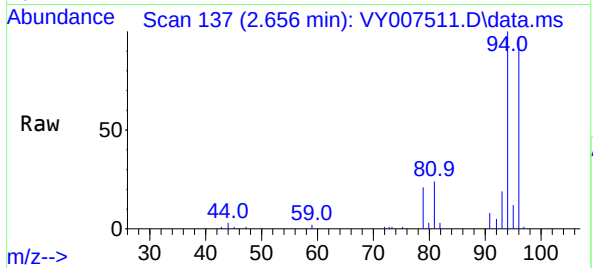
#5
Bromomethane
Concen: 19.173 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 1764
Ion Ratio Lower Upper
94 100
96 97.1 73.5 110.3

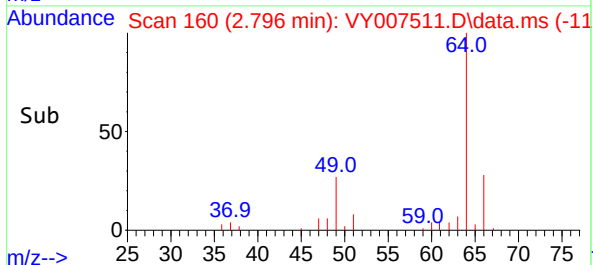
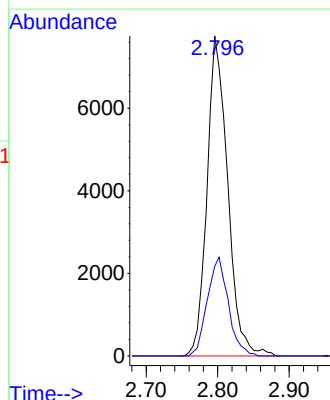
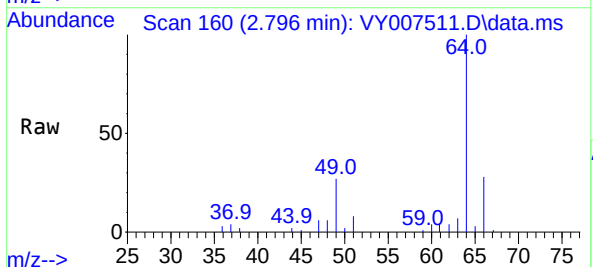
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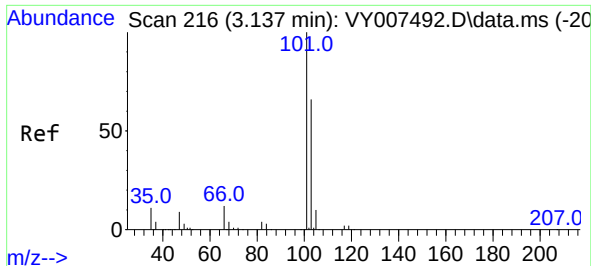
Reviewed By :John Carlone 02/17/2022
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#6
Chloroethane
Concen: 18.669 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion: 64 Resp: 15544
Ion Ratio Lower Upper
64 100
66 28.0 25.4 38.0





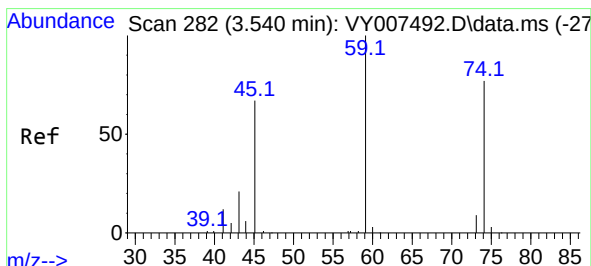
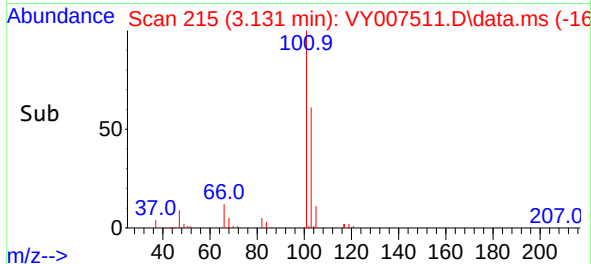
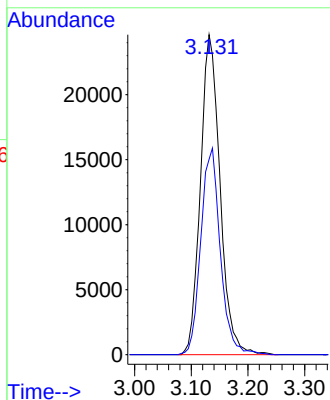
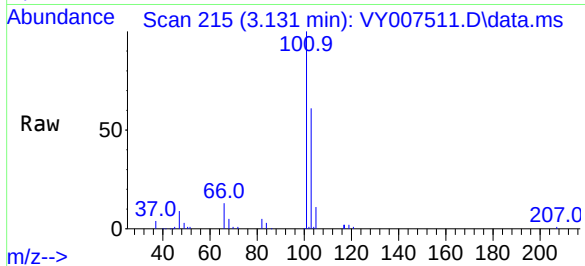
#7
Trichlorofluoromethane
Concen: 22.142 ug/l
RT: 3.131 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion:101 Resp: 59218
Ion Ratio Lower Upper
101 100
103 61.0 48.0 72.0

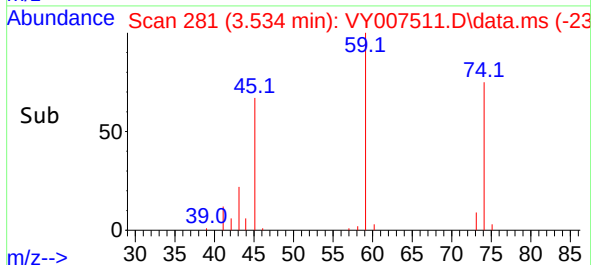
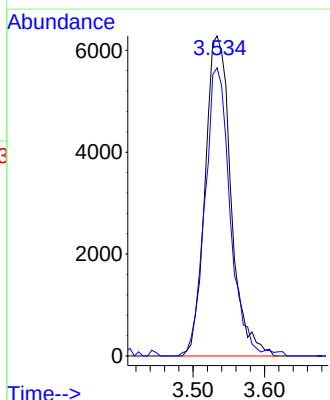
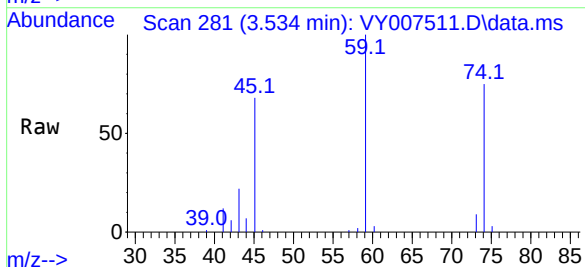
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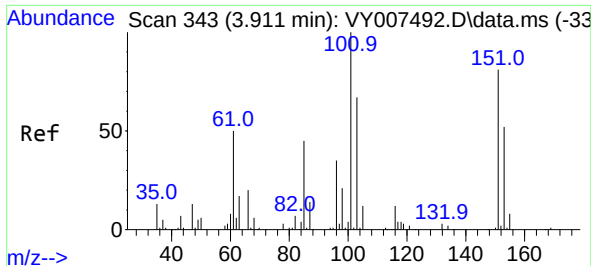
Reviewed By :John Carlone 02/17/2022
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#8
Diethyl Ether
Concen: 20.305 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion: 74 Resp: 15695
Ion Ratio Lower Upper
74 100
45 88.9 55.1 165.5





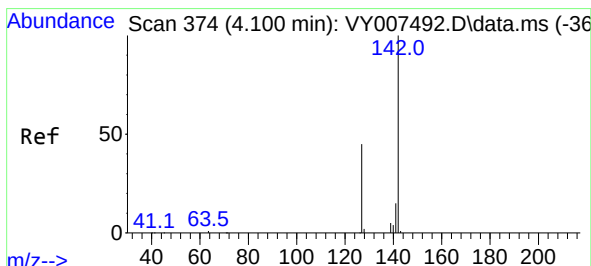
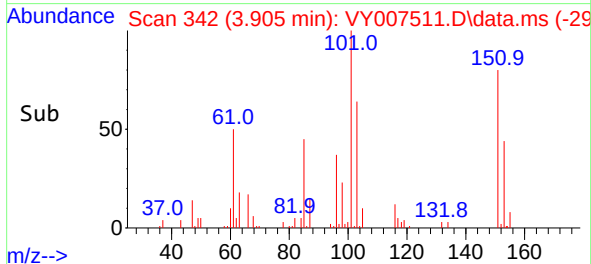
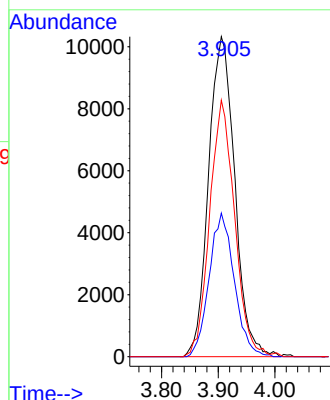
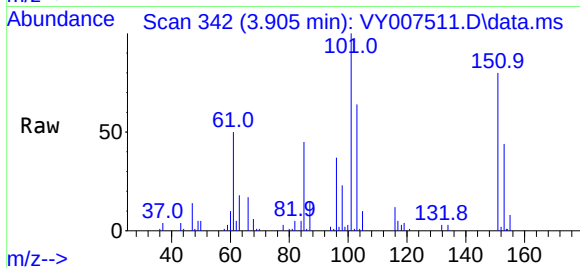
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.489 ug/l
RT: 3.905 min Scan# 343
Delta R.T. -0.001 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion:101 Resp: 3307
Ion Ratio Lower Upper
101 100
85 43.1 40.6 60.8
151 76.3 64.9 97.3

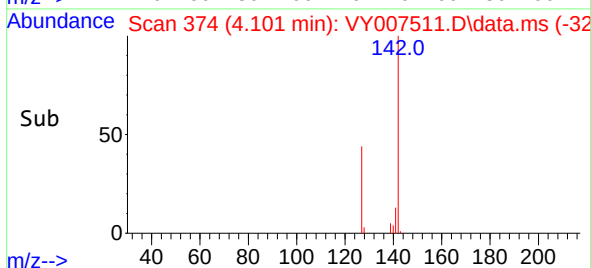
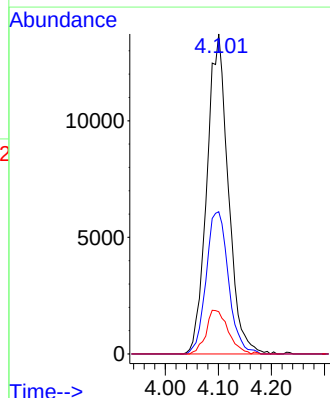
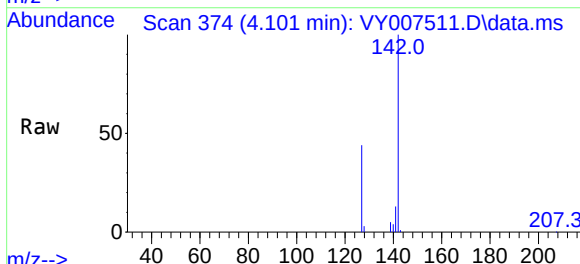
Manual Integrations
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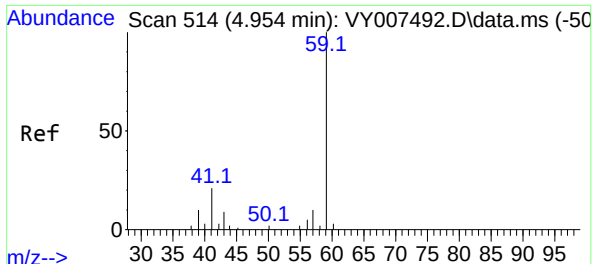
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 21.177 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion:142 Resp: 38442
Ion Ratio Lower Upper
142 100
127 46.4 41.5 62.3
141 14.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 93.691 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.012 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02

Tgt Ion: 59 Resp: 10229

Ion Ratio Lower Upper

59 100

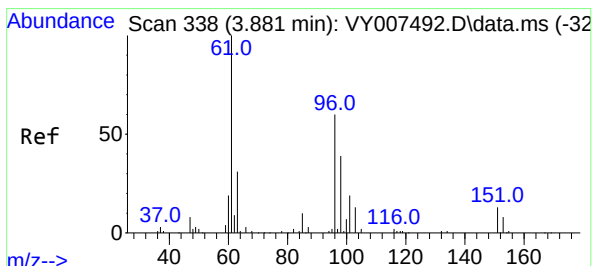
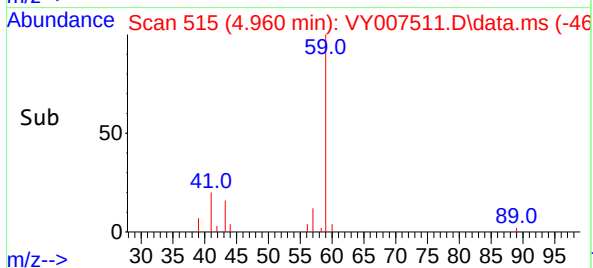
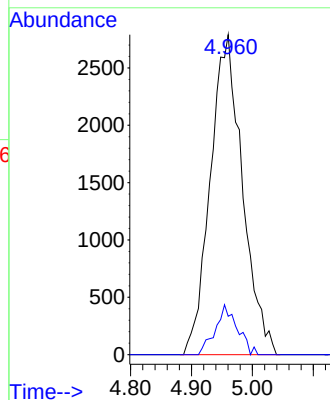
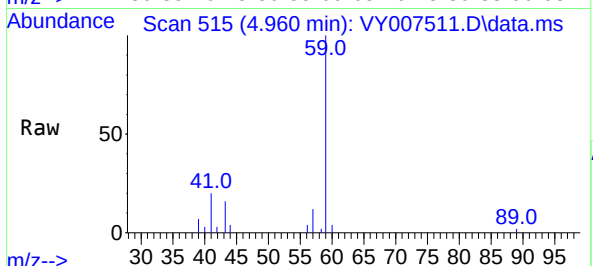
57 10.6 6.4 9.6

Manual Integrations

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Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#12

1,1-Dichloroethene

Concen: 21.434 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

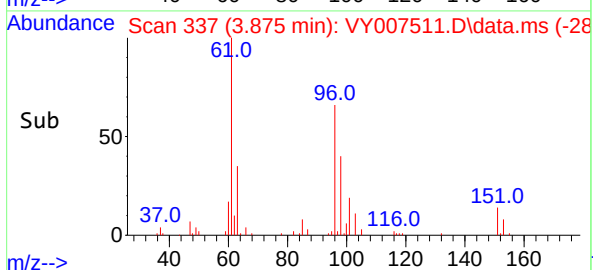
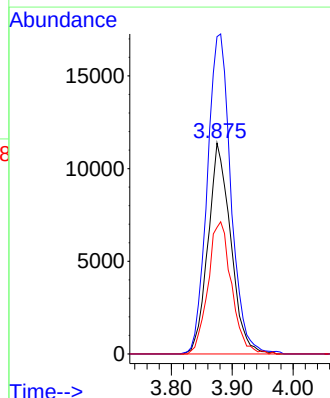
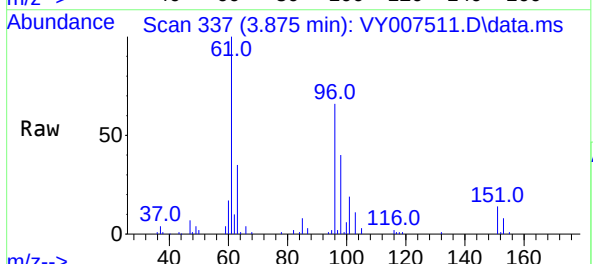
Tgt Ion: 96 Resp: 29421

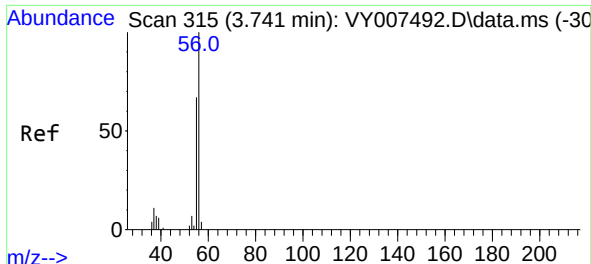
Ion Ratio Lower Upper

96 100

61 150.5 145.8 218.6

98 60.0 52.5 78.7





#13

Acrolein

Concen: 101.981 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02

Tgt Ion: 56 Resp: 1118

Ion Ratio Lower Upper

56 100

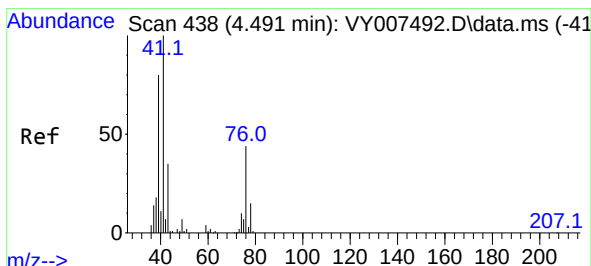
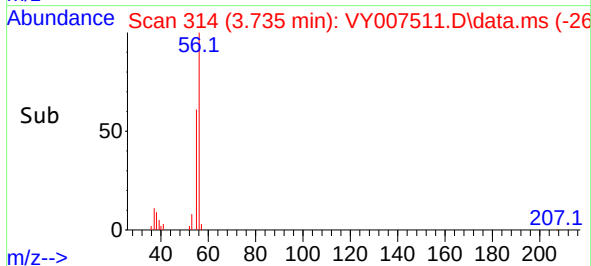
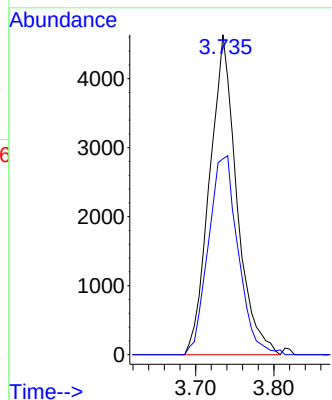
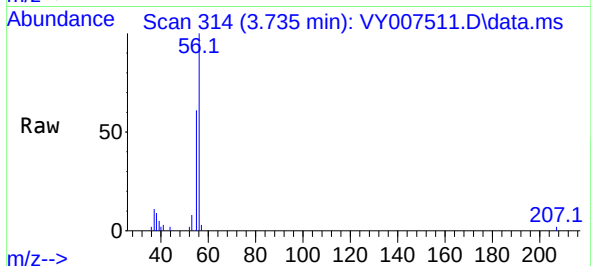
55 68.3 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#14

Allyl chloride

Concen: 20.255 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

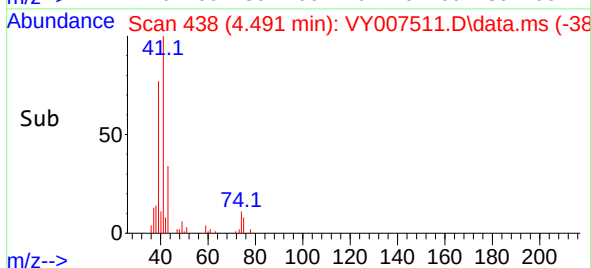
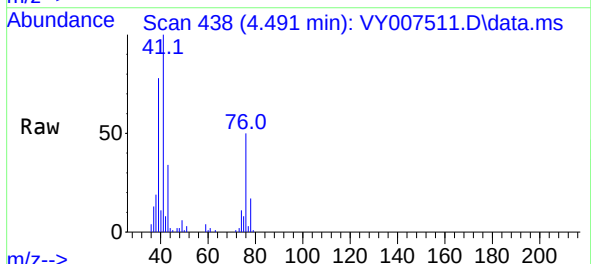
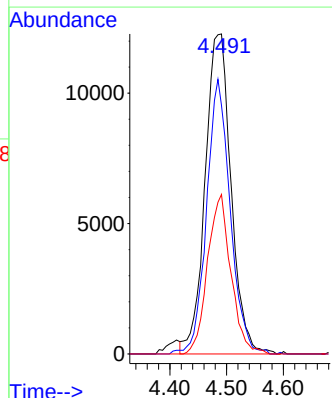
Tgt Ion: 41 Resp: 39078

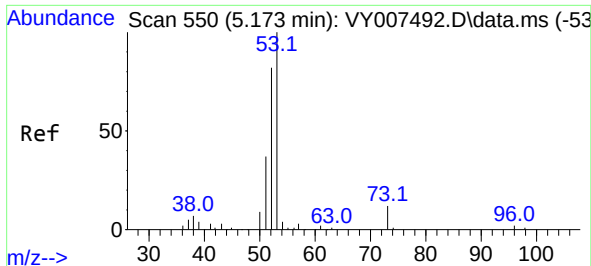
Ion Ratio Lower Upper

41 100

39 78.3 58.8 88.2

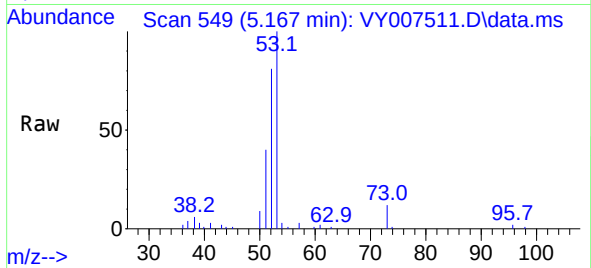
76 44.8 25.1 37.7#





#15
Acrylonitrile
Concen: 90.164 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

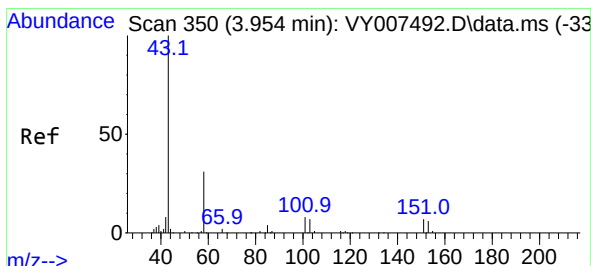
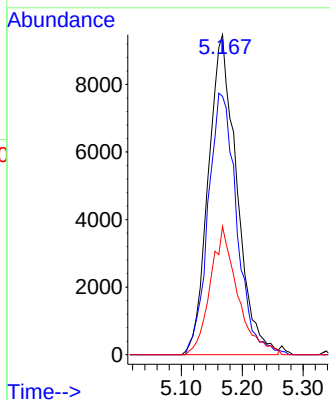
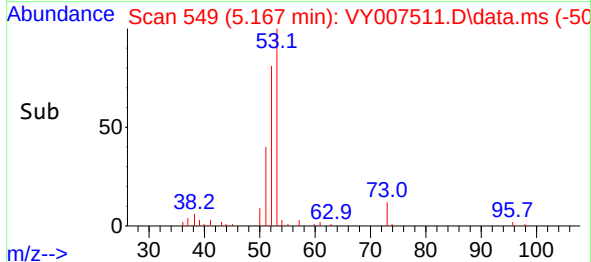
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



Tgt Ion: 53 Resp: 3068
Ion Ratio Lower Upper
53 100
52 82.5 67.0 100.4
51 38.6 29.8 44.6

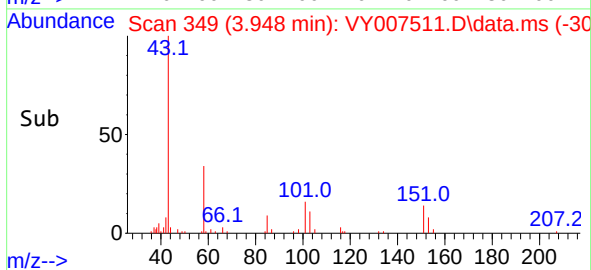
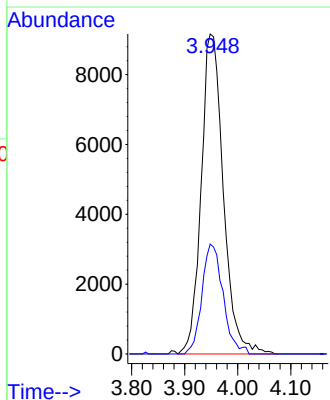
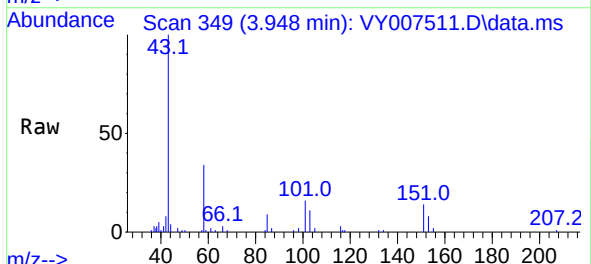
Manual Integrations
APPROVED

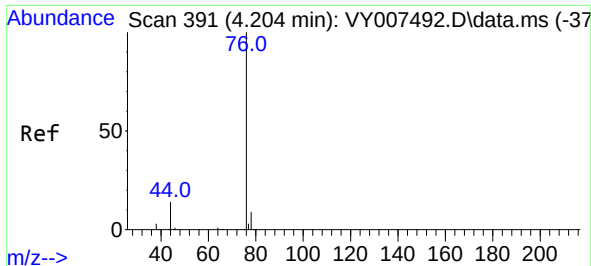
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 71.862 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

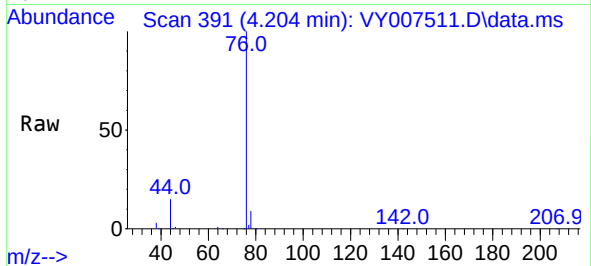
Tgt Ion: 43 Resp: 26610
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#





#17
Carbon Disulfide
Concen: 21.247 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

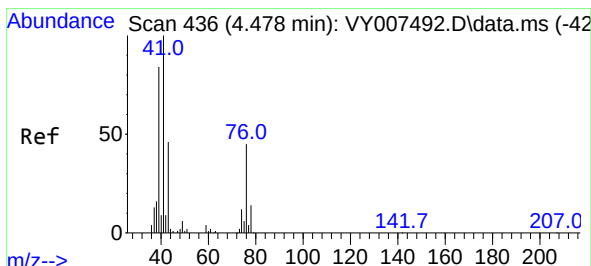
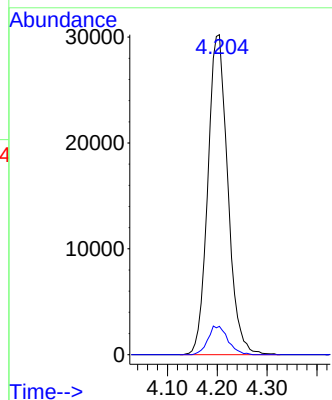
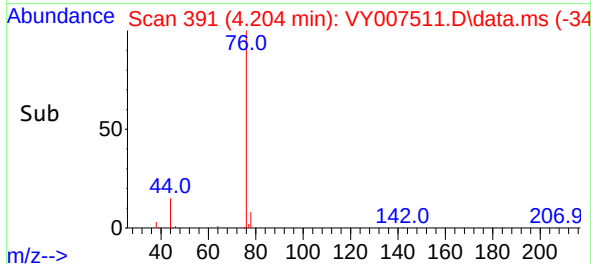
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



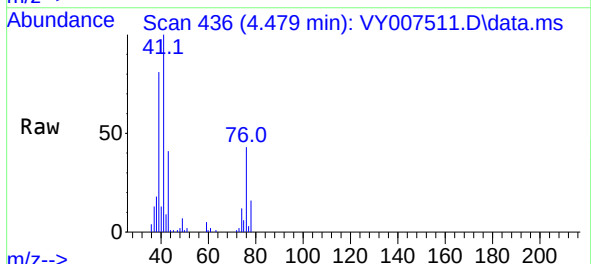
Tgt Ion: 76 Resp: 8400
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

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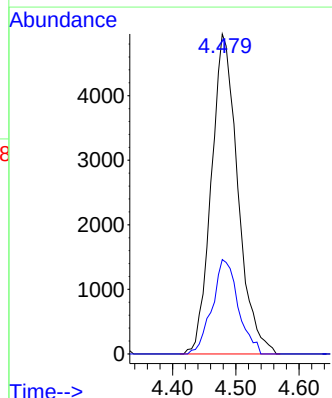
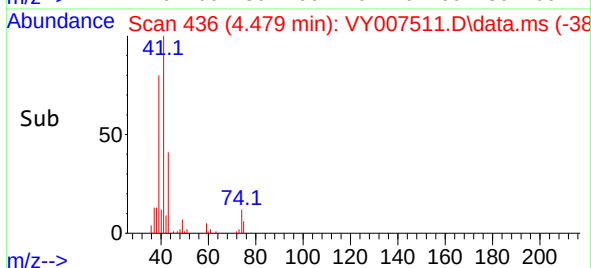
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

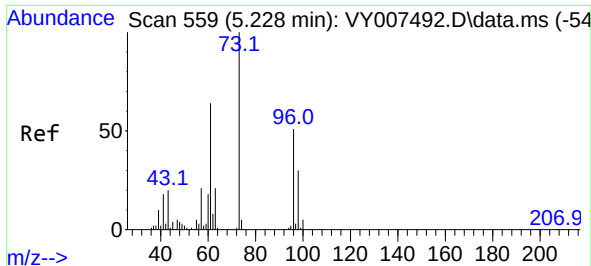


#18
Methyl Acetate
Concen: 17.293 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



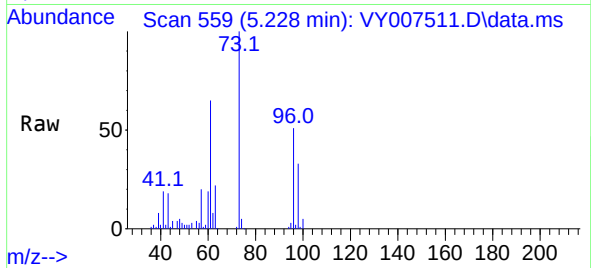
Tgt Ion: 43 Resp: 14393
Ion Ratio Lower Upper
43 100
74 29.0 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 19.840 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

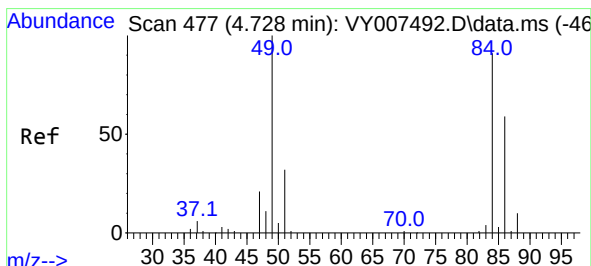
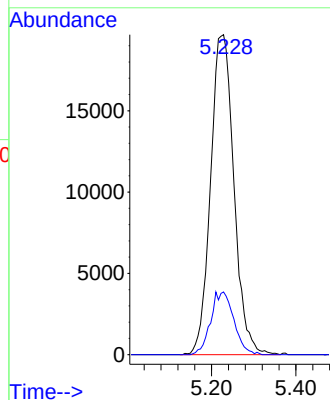
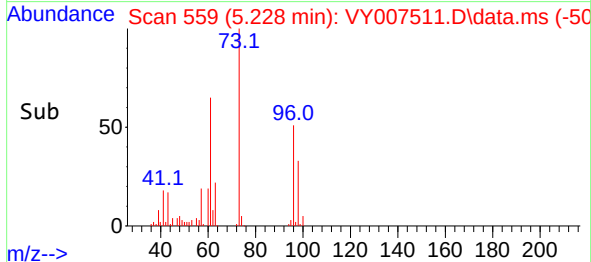
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



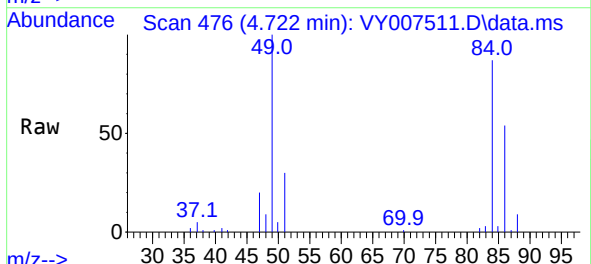
Tgt Ion: 73 Resp: 75529
Ion Ratio Lower Upper
73 100
57 19.6 18.6 27.8

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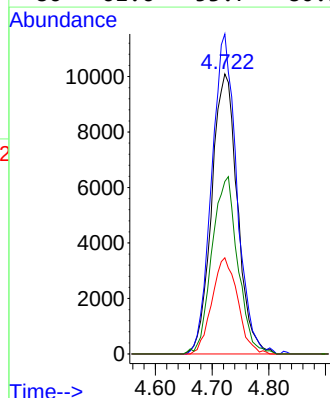
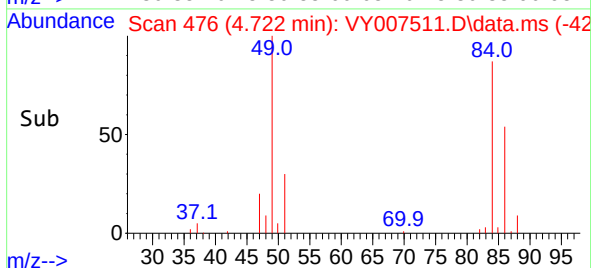
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

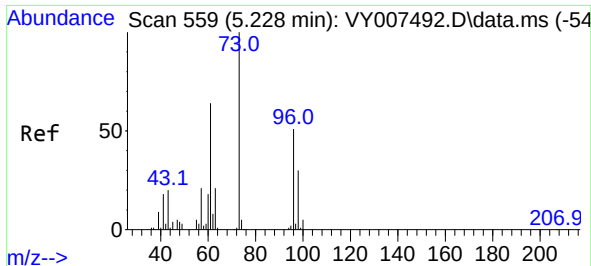


#20
Methylene Chloride
Concen: 20.939 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



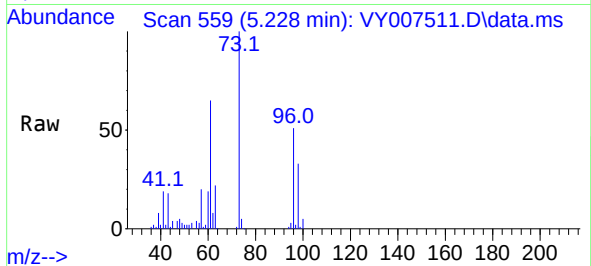
Tgt Ion: 84 Resp: 31779
Ion Ratio Lower Upper
84 100
49 114.3 114.4 171.6#
51 34.3 35.3 52.9#
86 61.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 20.970 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

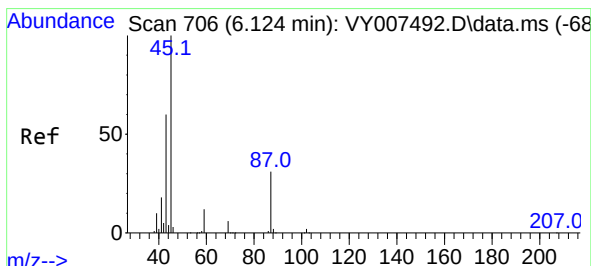
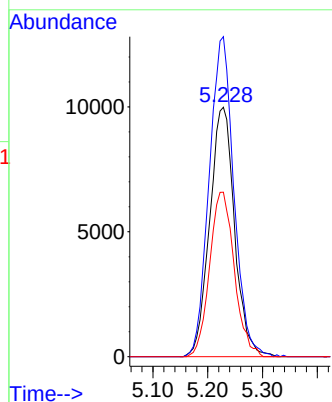
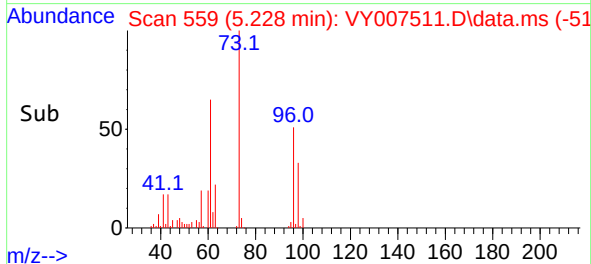
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02



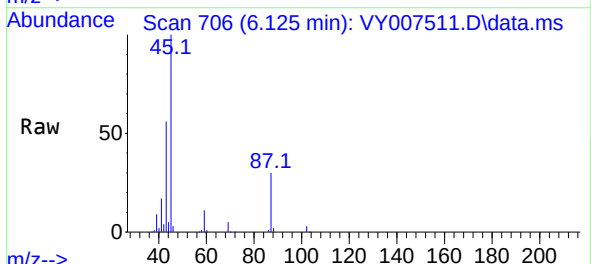
Tgt Ion: 96 Resp: 3145
Ion Ratio Lower Upper
96 100
61 128.3 120.5 180.7
98 65.9 49.8 74.8

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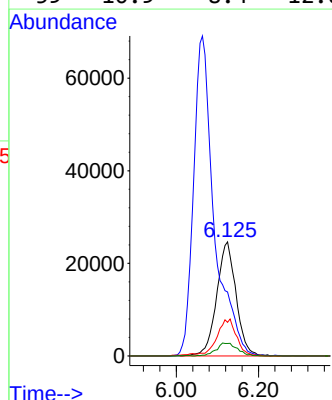
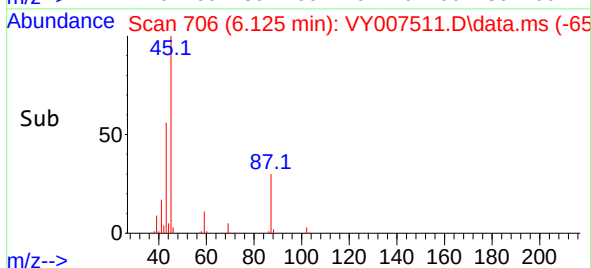
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

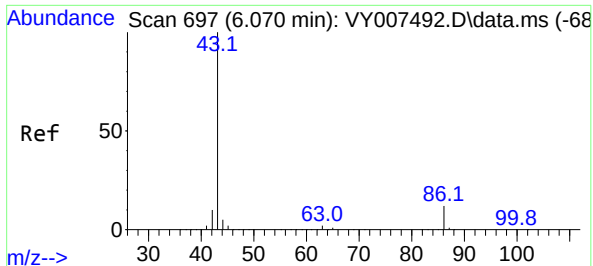


#22
Diisopropyl ether
Concen: 19.921 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



Tgt Ion: 45 Resp: 80802
Ion Ratio Lower Upper
45 100
43 55.8 49.3 73.9
87 29.5 19.2 28.8#
59 10.9 8.4 12.6





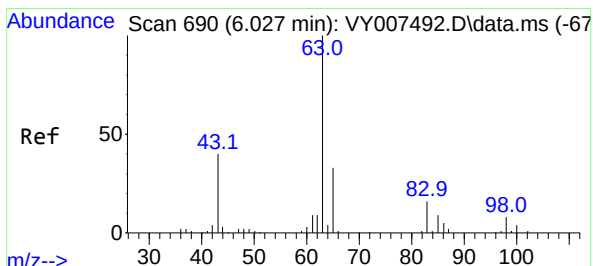
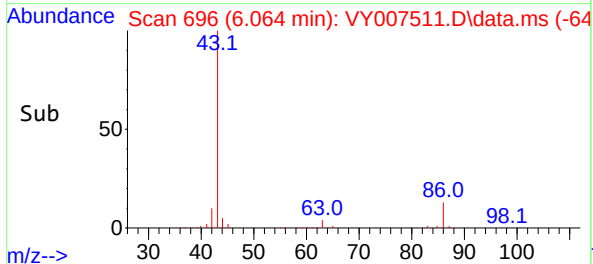
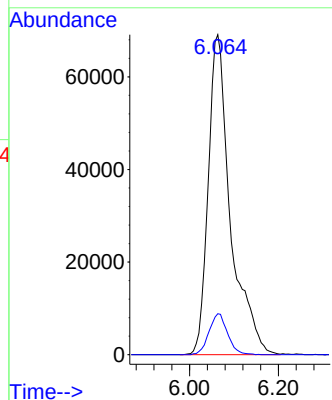
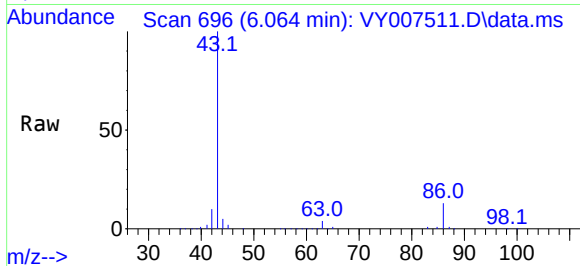
#23
 Vinyl Acetate
 Concen: 92.920 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY007511.D
 Acq: 16 Feb 2022 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS02

Tgt Ion: 43 Resp: 24045
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.1 10.7

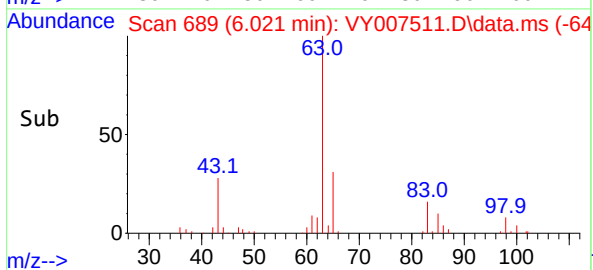
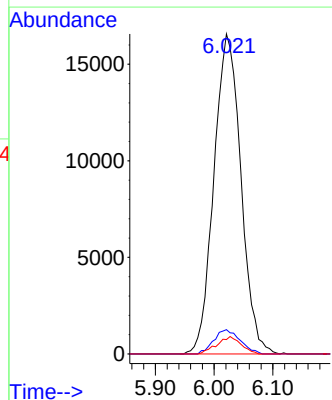
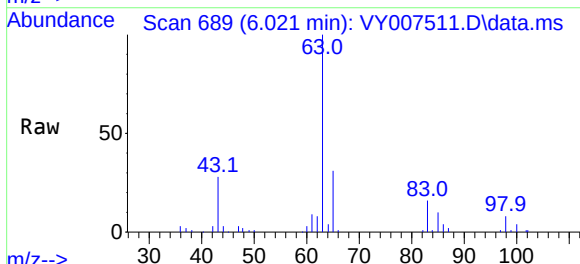
Manual Integrations
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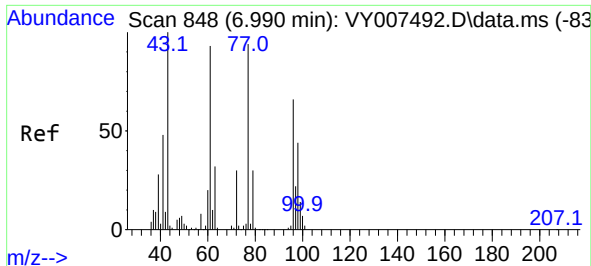
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 20.851 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY007511.D
 Acq: 16 Feb 2022 15:25

Tgt Ion: 63 Resp: 52858
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 81.986 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02

Tgt Ion: 43 Resp: 37589

Ion Ratio Lower Upper

43 100

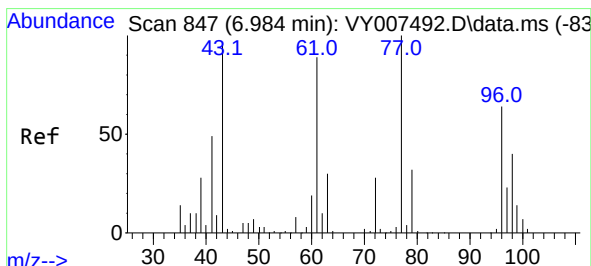
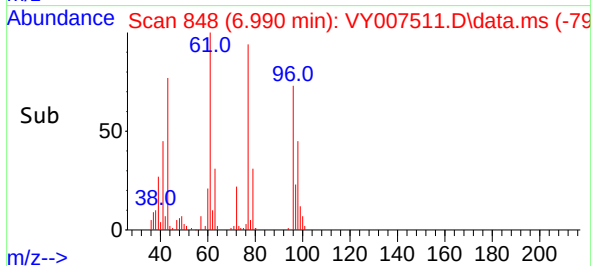
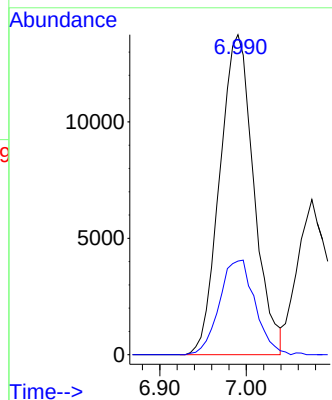
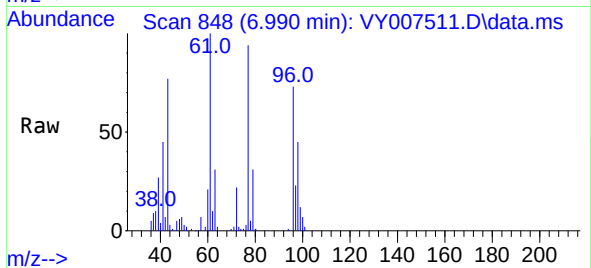
72 29.3 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#26

2,2-Dichloropropane

Concen: 21.098 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007511.D

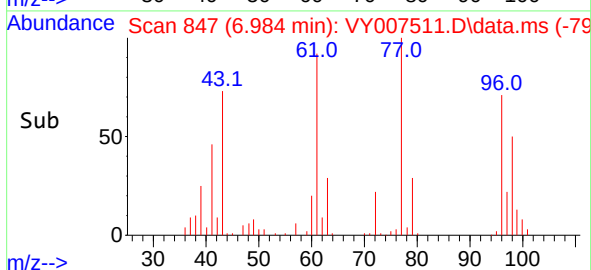
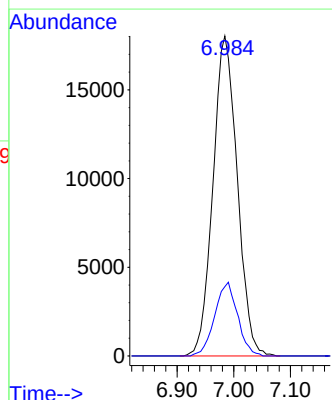
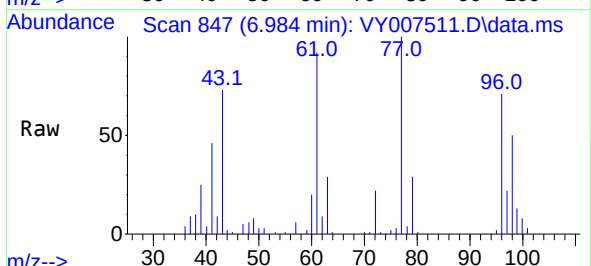
Acq: 16 Feb 2022 15:25

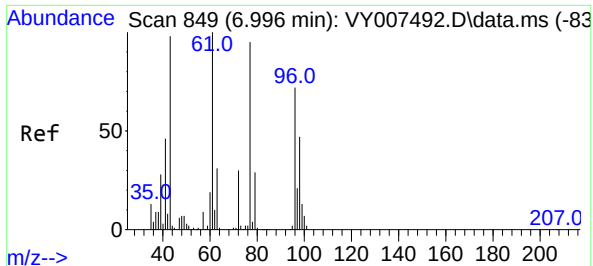
Tgt Ion: 77 Resp: 53593

Ion Ratio Lower Upper

77 100

97 21.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 21.105 ug/l

RT: 6.990 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY007511.D

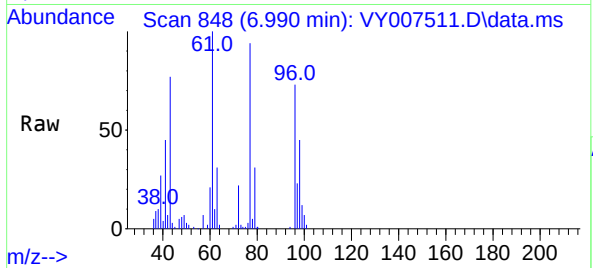
Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02



Tgt Ion: 96 Resp: 3528

Ion Ratio Lower Upper

96 100

61 135.0 0.0 319.8

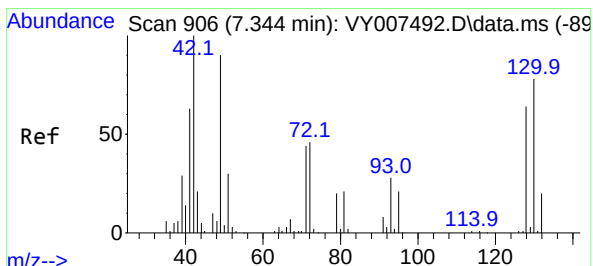
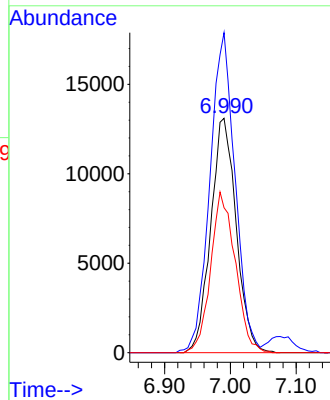
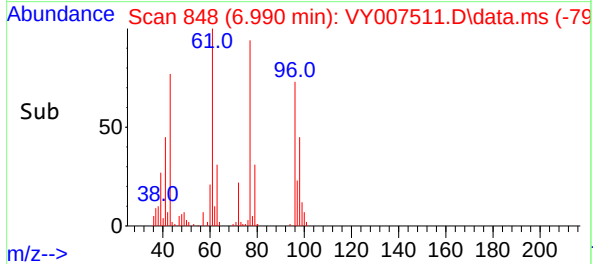
98 66.3 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#28

Bromochloromethane

Concen: 17.564 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

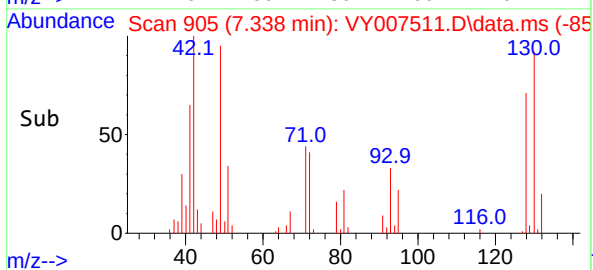
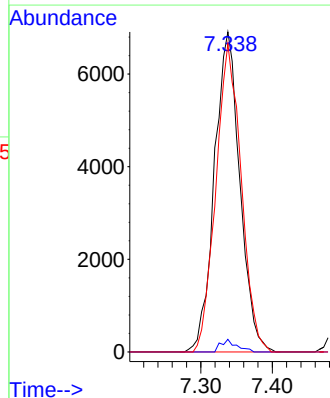
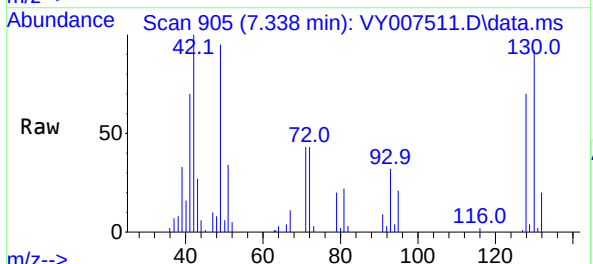
Tgt Ion: 49 Resp: 17065

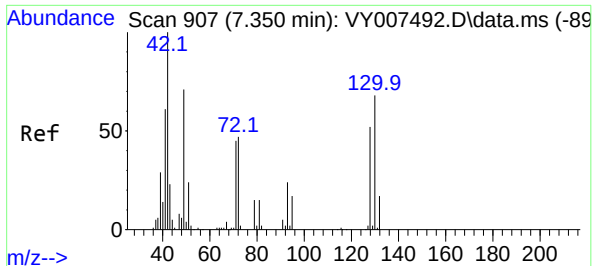
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

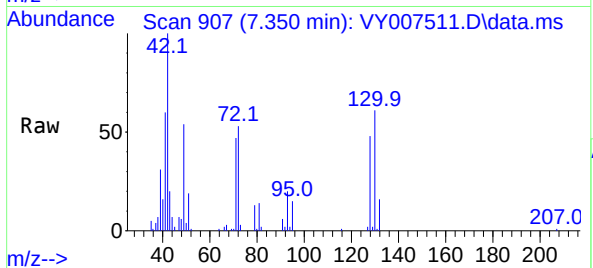
130 95.9 55.4 83.0#





#29
Tetrahydrofuran
Concen: 88.526 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

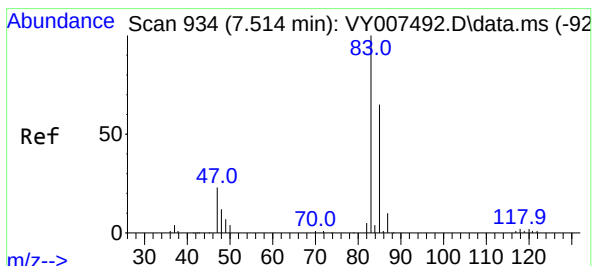
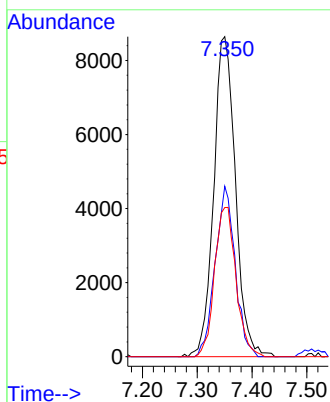
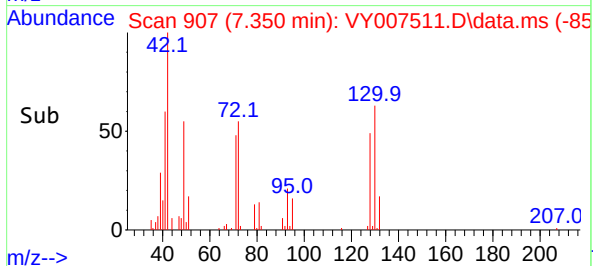
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02



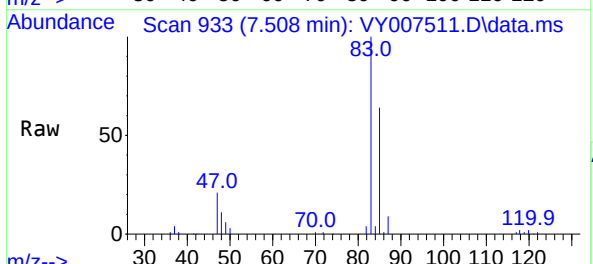
Tgt Ion: 42 Resp: 23818
Ion Ratio Lower Upper
42 100
72 49.0 30.3 45.5
71 46.0 29.0 43.4

Manual Integrations
APPROVED

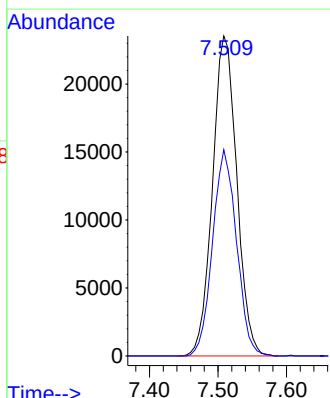
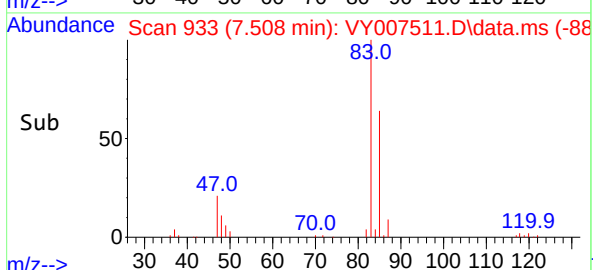
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

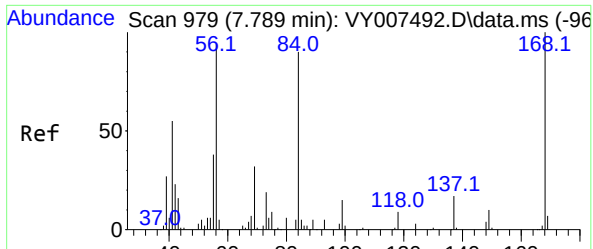


#30
Chloroform
Concen: 21.159 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



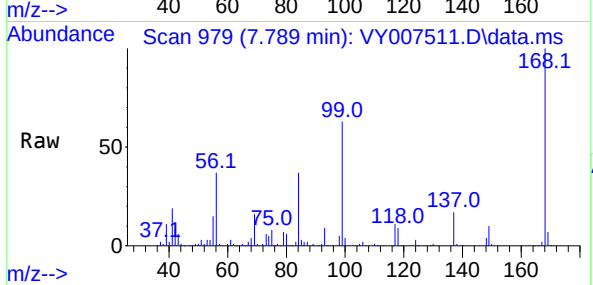
Tgt Ion: 83 Resp: 57901
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6





#31
Cyclohexane
Concen: 20.538 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

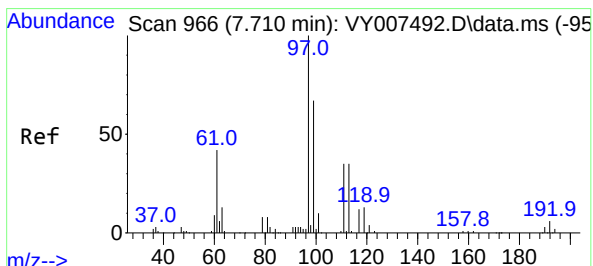
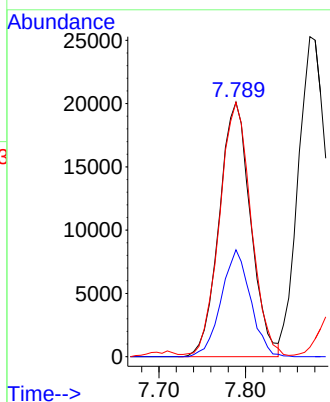
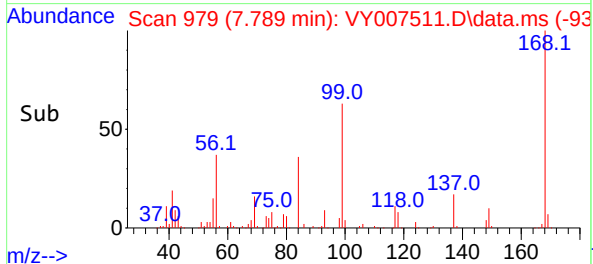
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



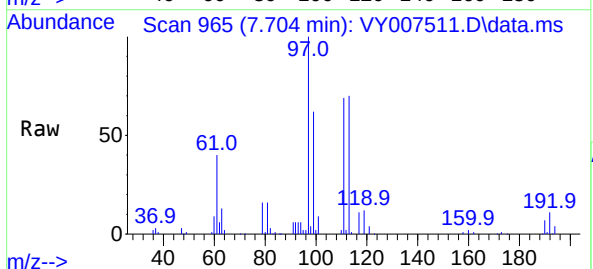
Tgt Ion: 56 Resp: 50692
Ion Ratio Lower Upper
56 100
69 42.0 26.7 40.1
84 99.0 67.2 100.8

Manual Integrations
APPROVED

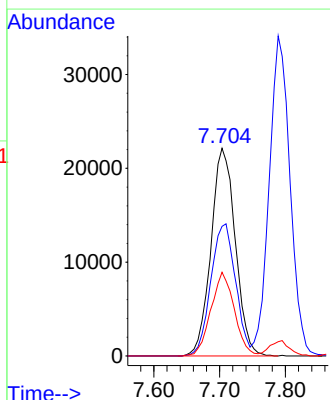
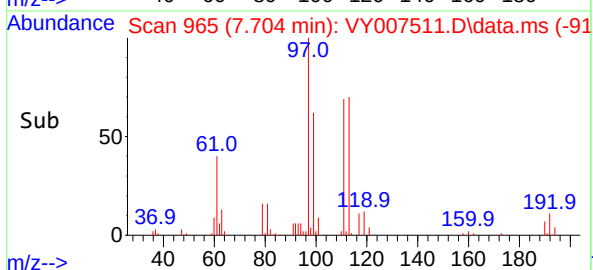
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

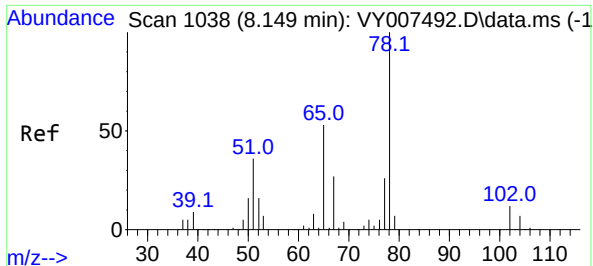


#32
1,1,1-Trichloroethane
Concen: 21.876 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



Tgt Ion: 97 Resp: 57009
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 38.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.676 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02

Tgt Ion: 65 Resp: 6793

Ion Ratio Lower Upper

65 100

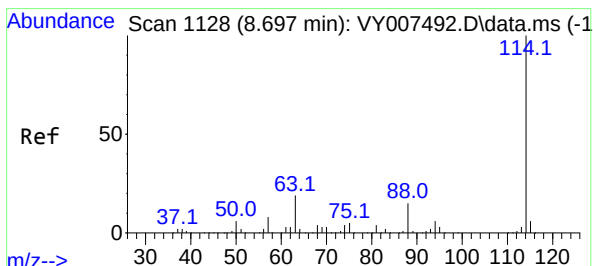
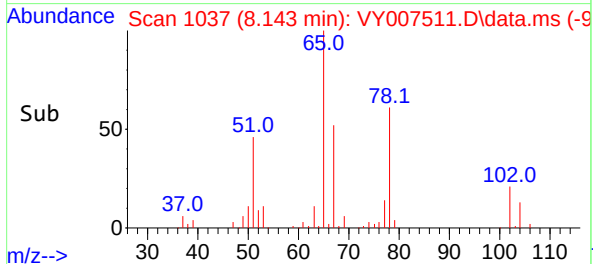
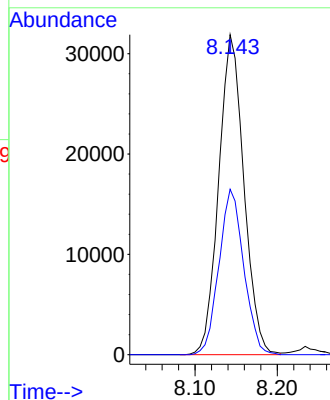
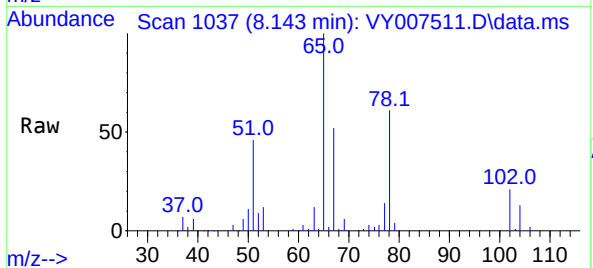
67 50.8 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

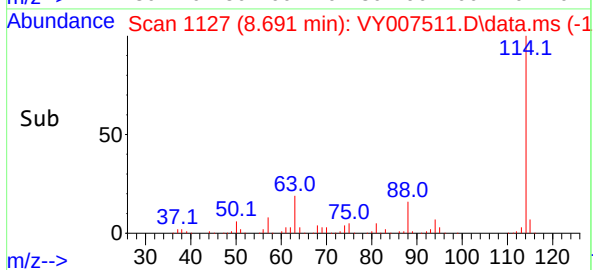
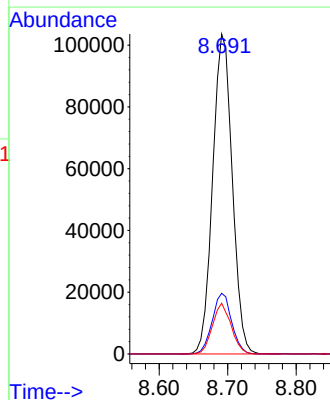
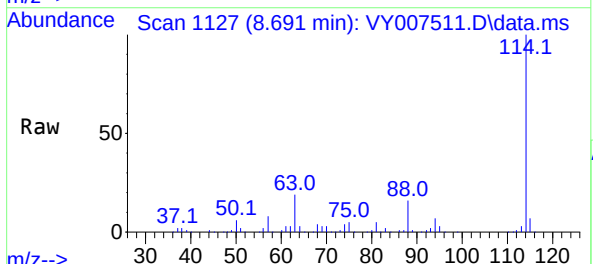
Tgt Ion:114 Resp: 205370

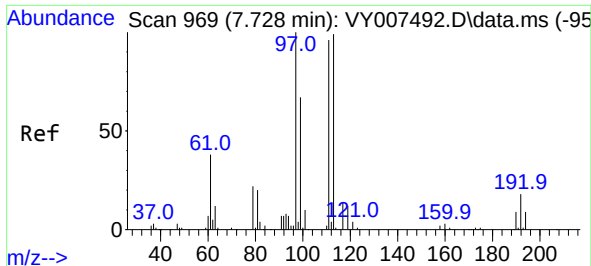
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

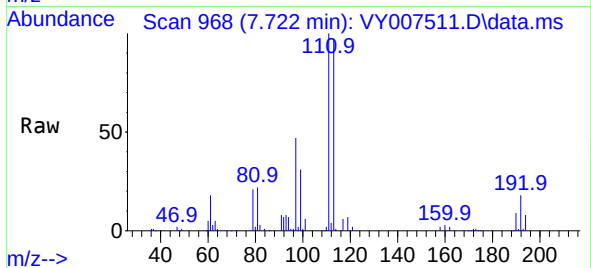
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.102 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

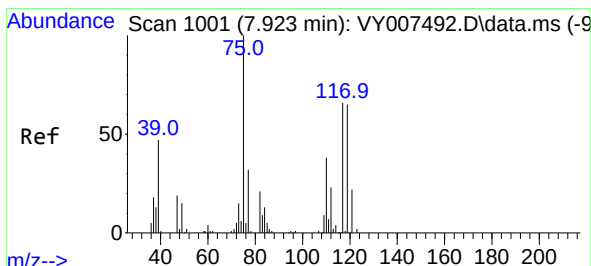
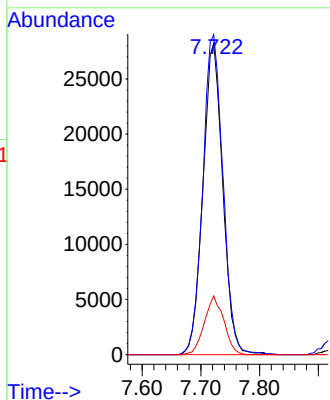
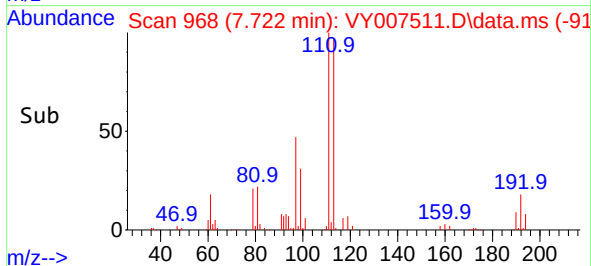
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



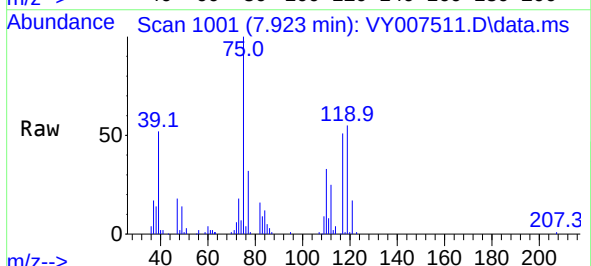
Tgt Ion: 113 Resp: 66184
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.5 17.6 26.4

Manual Integrations
APPROVED

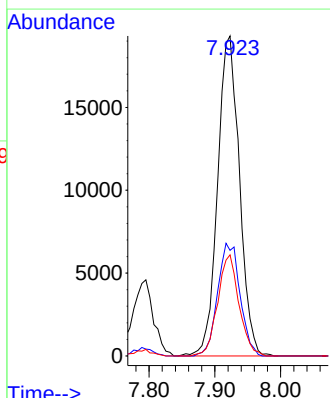
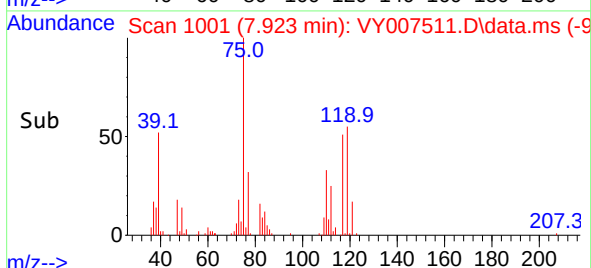
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

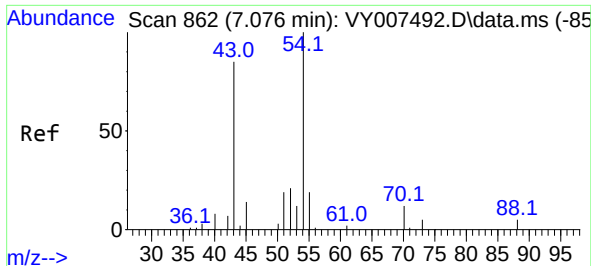


#36
1,1-Dichloropropene
Concen: 21.287 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



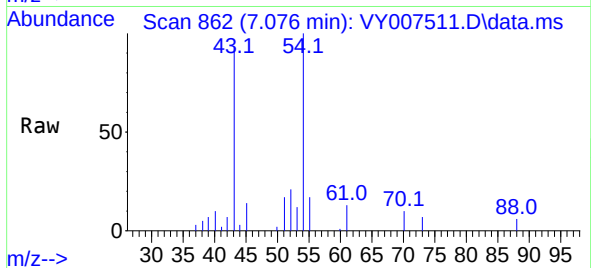
Tgt Ion: 75 Resp: 44667
Ion Ratio Lower Upper
75 100
110 36.1 17.1 51.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 18.030 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

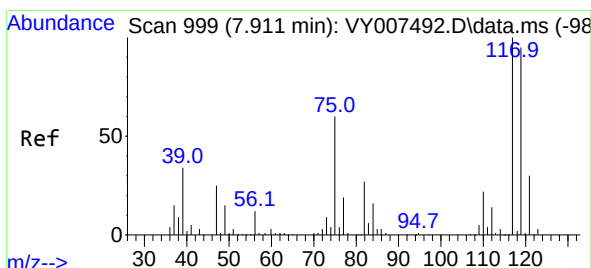
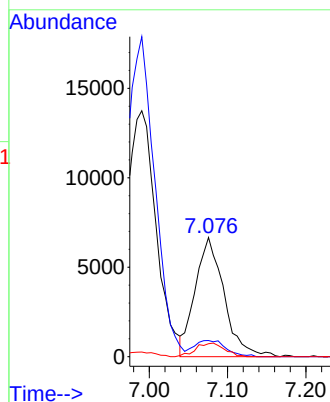
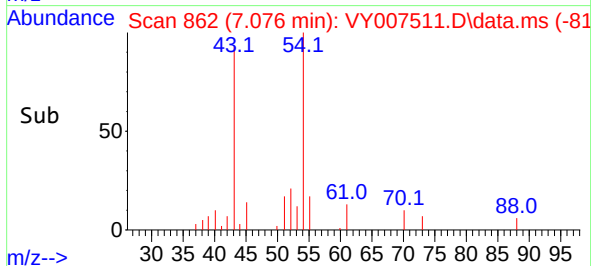
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
61 15.1 9.7 14.5
70 11.3 7.1 10.7

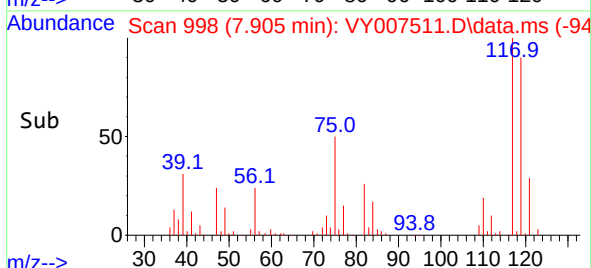
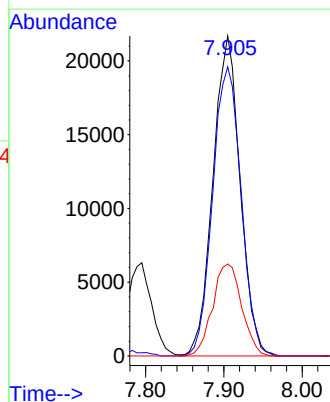
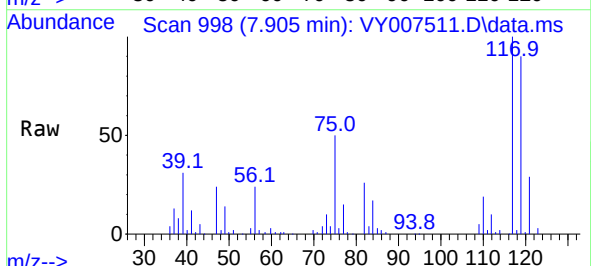
Manual Integrations
APPROVED

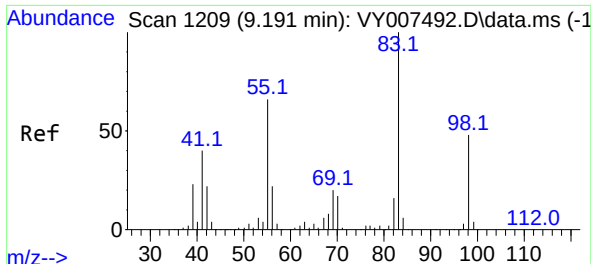
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Carbon Tetrachloride
Concen: 21.915 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion:117 Resp: 52251
Ion Ratio Lower Upper
117 100
119 90.3 77.9 116.9
121 28.8 24.8 37.2





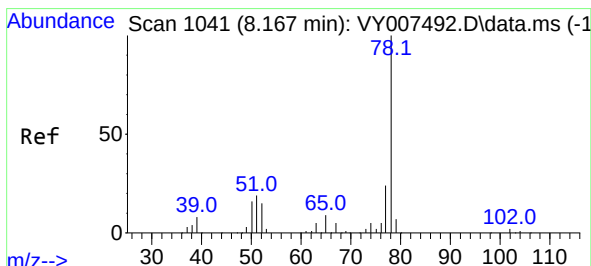
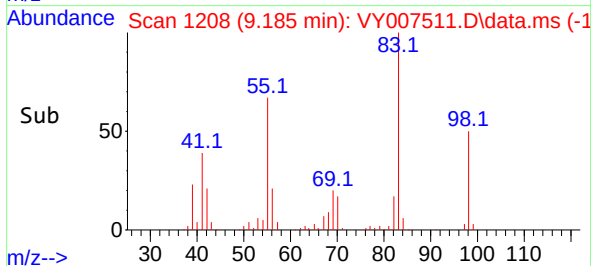
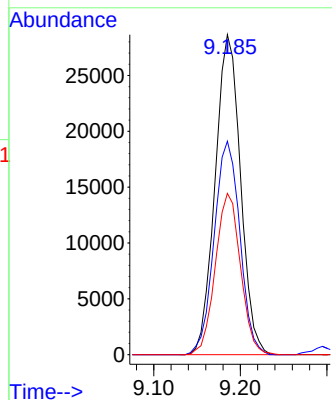
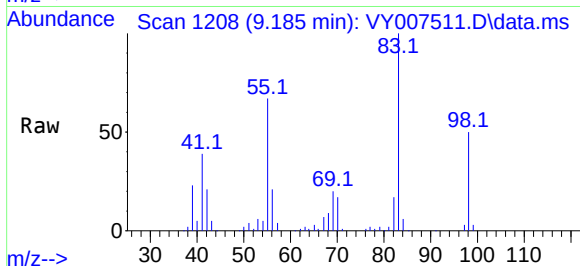
#39
Methylcyclohexane
Concen: 21.445 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion: 83 Resp: 5842
Ion Ratio Lower Upper
83 100
55 66.7 66.5 99.7
98 50.4 37.9 56.9

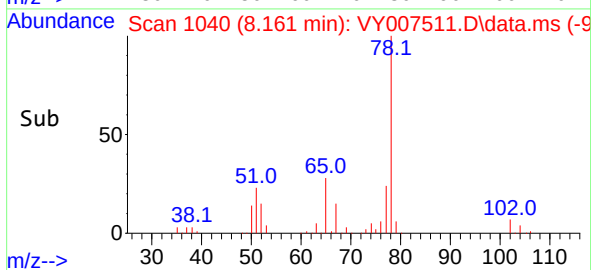
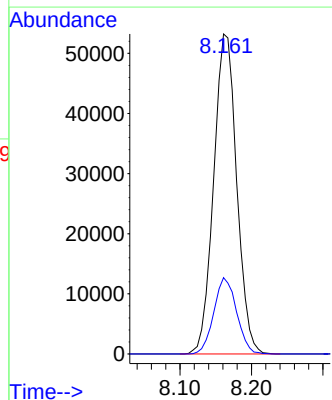
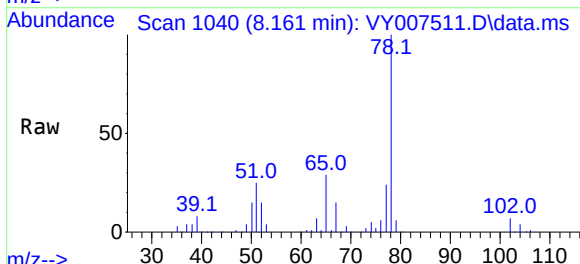
Manual Integrations
APPROVED

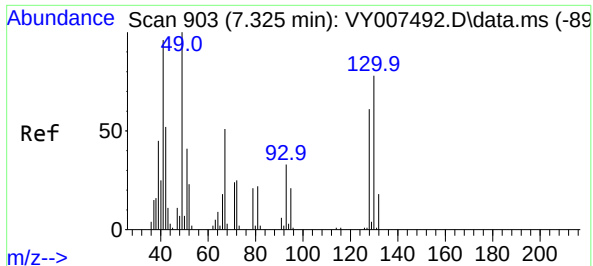
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#40
Benzene
Concen: 20.653 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

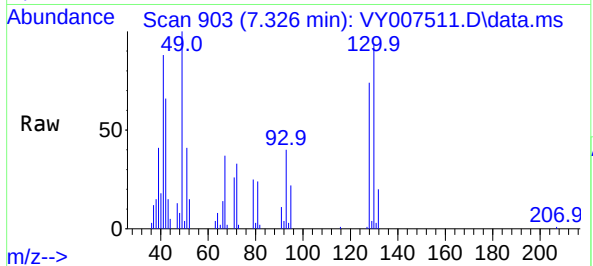
Tgt Ion: 78 Resp: 119155
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6





#41
Methacrylonitrile
Concen: 18.721 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.013 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

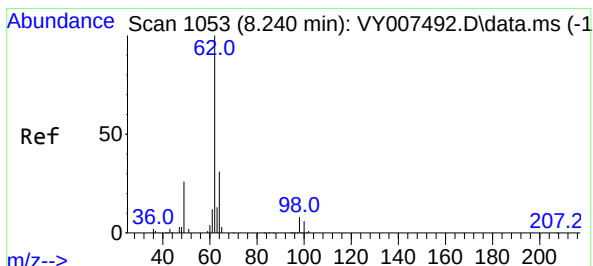
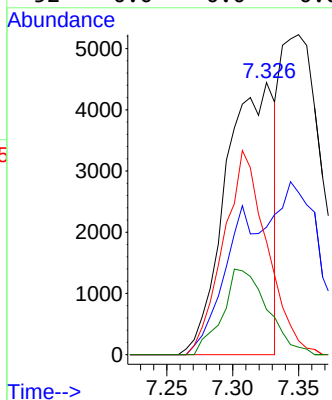
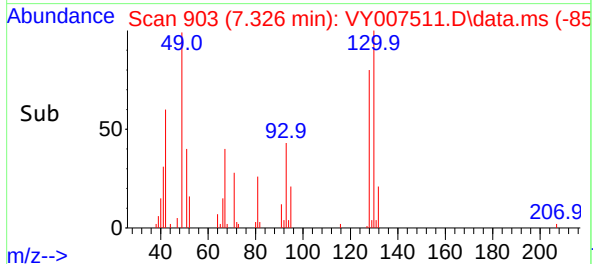
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02



Tgt Ion: 41 Resp: 1152
Ion Ratio Lower Upper
41 100
39 59.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

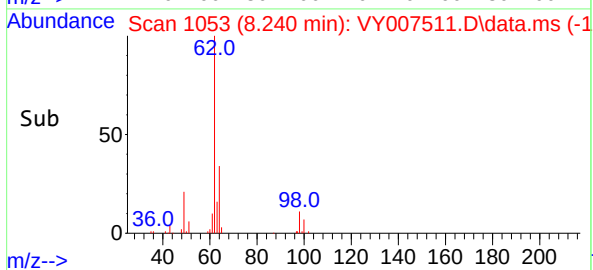
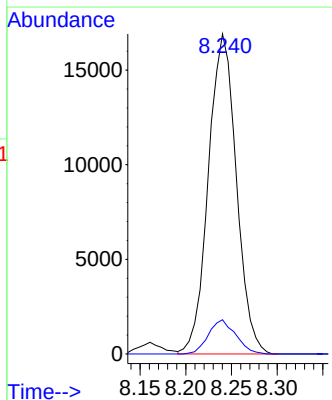
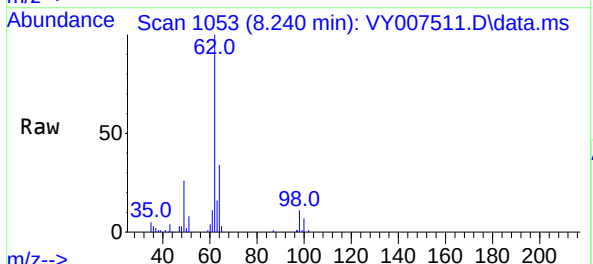
Manual Integrations
APPROVED

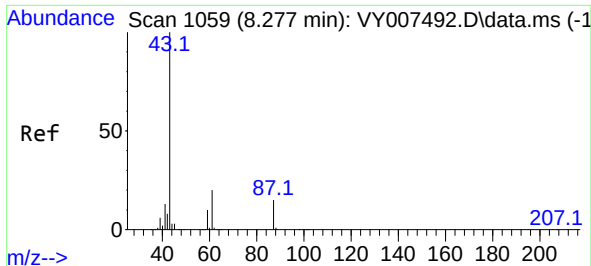
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 20.434 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

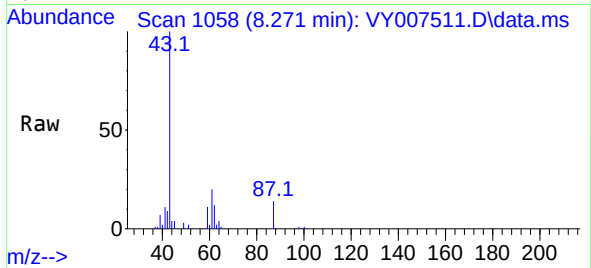
Tgt Ion: 62 Resp: 36025
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8





#43
Isopropyl Acetate
Concen: 17.426 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

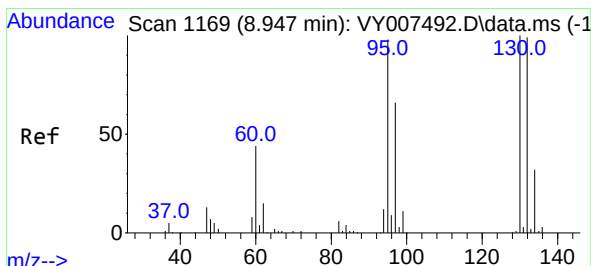
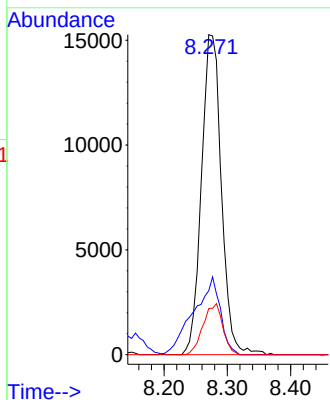
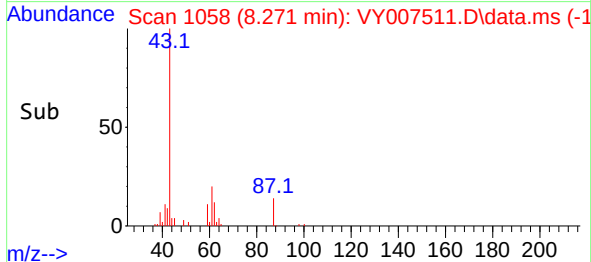
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



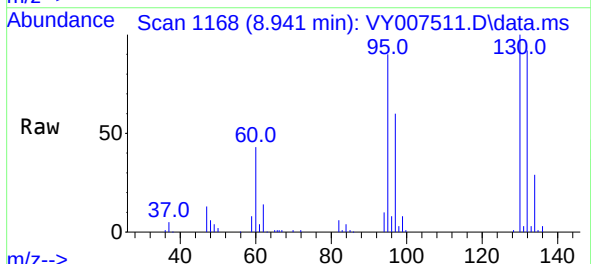
Tgt Ion: 43 Resp: 33554
Ion Ratio Lower Upper
43 100
61 32.5 20.2 30.2
87 15.7 8.9 13.3

Manual Integrations
APPROVED

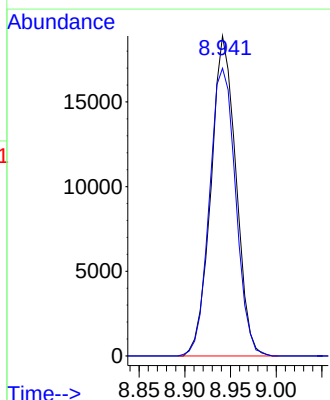
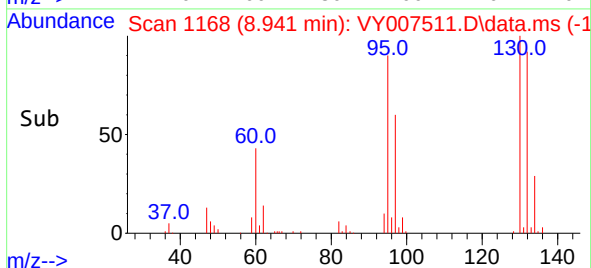
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

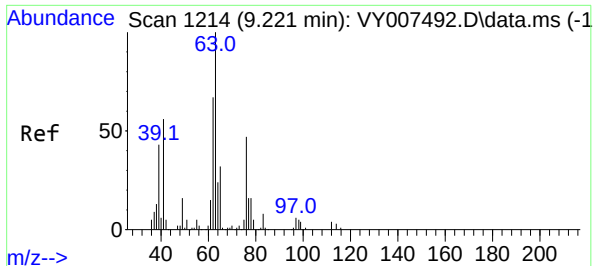


#44
Trichloroethene
Concen: 21.959 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



Tgt Ion:130 Resp: 35939
Ion Ratio Lower Upper
130 100
95 89.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.019 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02

Tgt Ion: 63 Resp: 2746

Ion Ratio Lower Upper

63 100

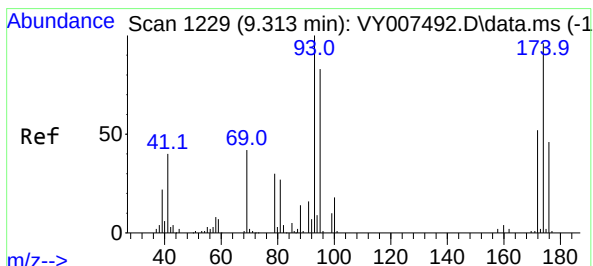
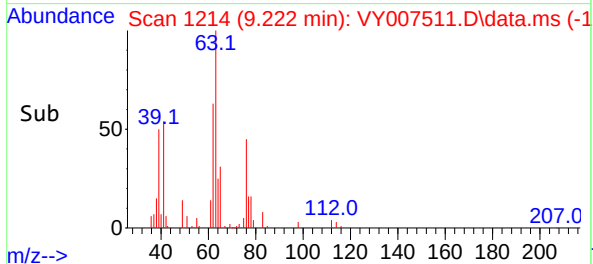
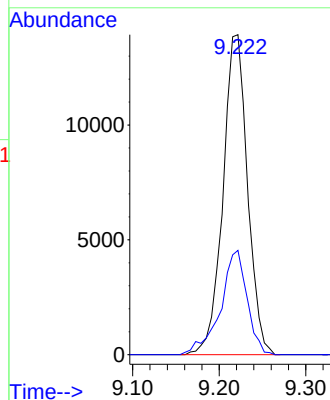
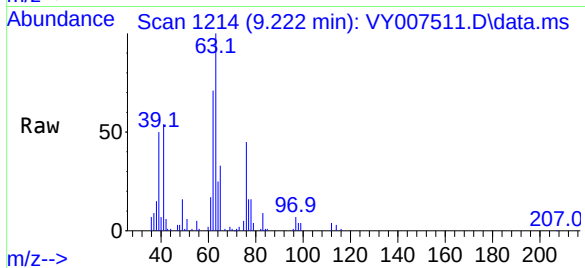
65 32.6 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 19.407 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

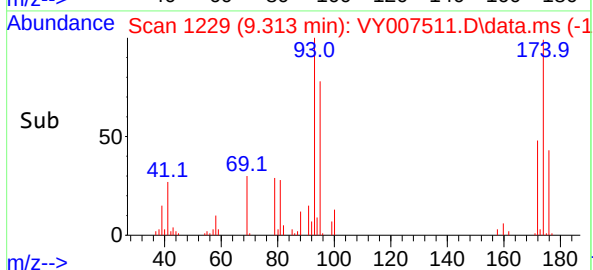
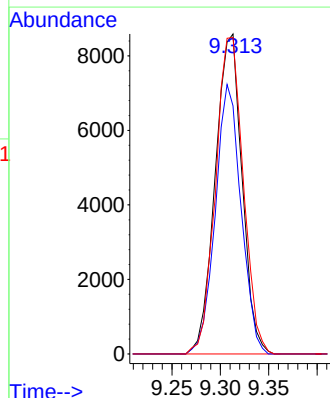
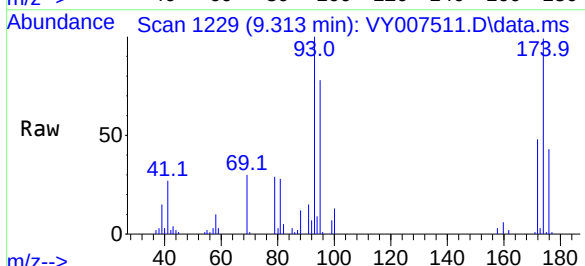
Tgt Ion: 93 Resp: 16532

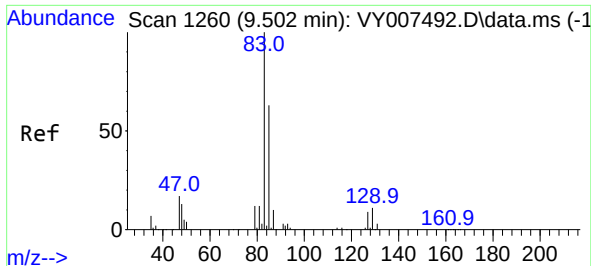
Ion Ratio Lower Upper

93 100

95 80.9 64.3 96.5

174 102.0 83.4 125.0





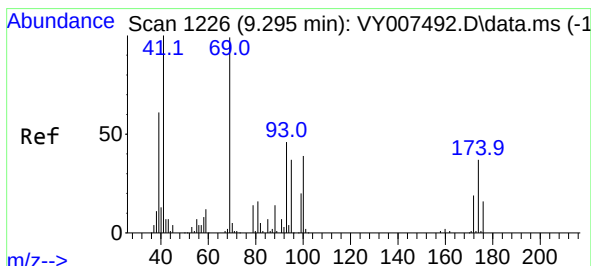
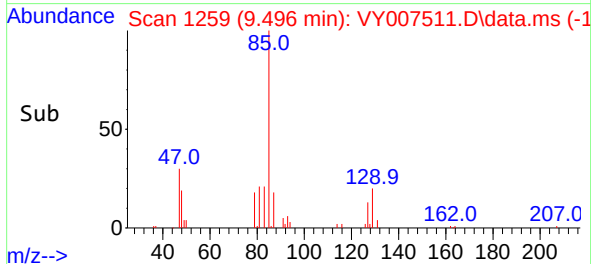
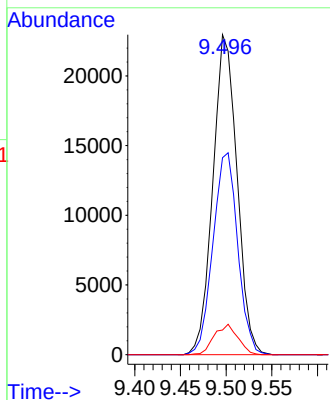
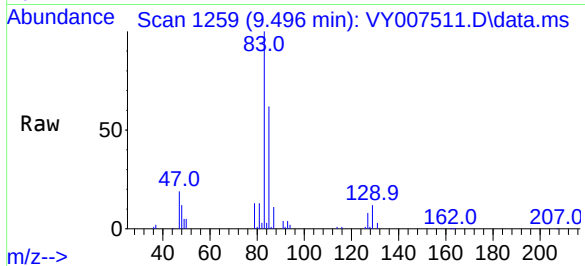
#47
Bromodichloromethane
Concen: 20.401 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion: 83 Resp: 42204
Ion Ratio Lower Upper
83 100
85 61.6 51.9 77.9
127 7.7 6.6 10.0

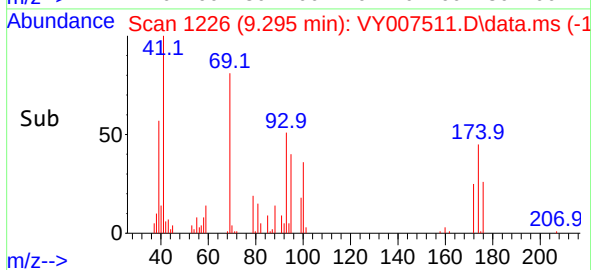
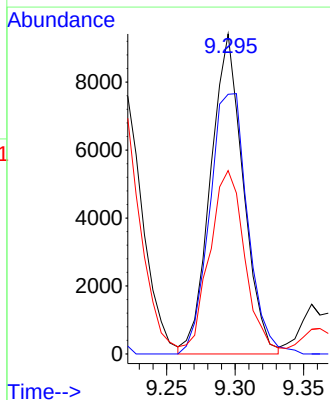
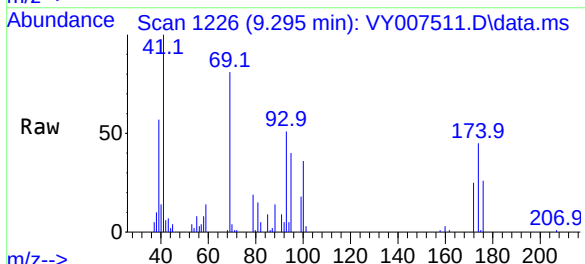
Manual Integrations
APPROVED

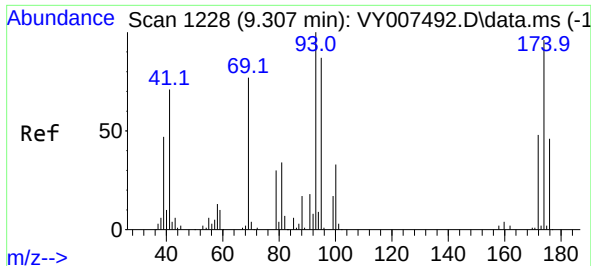
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#48
Methyl methacrylate
Concen: 18.320 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

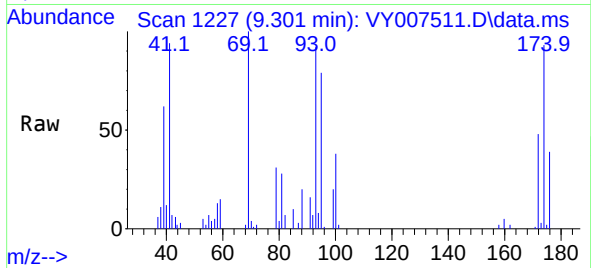
Tgt Ion: 41 Resp: 15632
Ion Ratio Lower Upper
41 100
69 94.6 58.2 87.2#
39 58.7 47.4 71.0





#49
1,4-Dioxane
Concen: 387.341 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

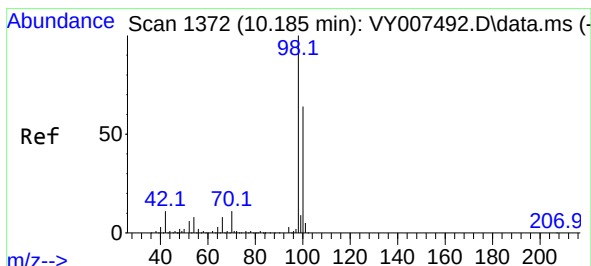
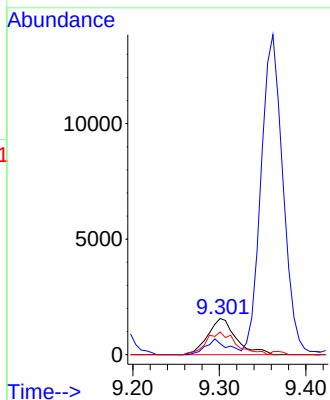
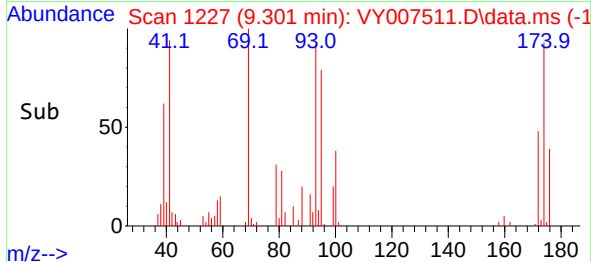
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02



Tgt Ion: 88 Resp: 3552
Ion Ratio Lower Upper
88 100
43 33.7 32.8 49.2
58 66.0 59.8 89.6

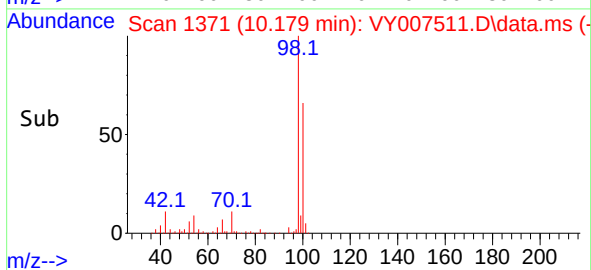
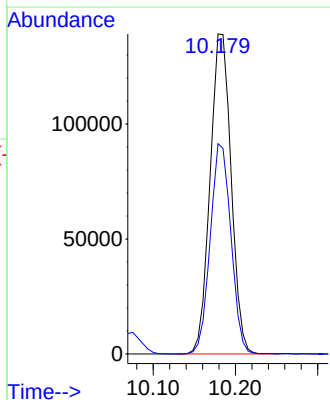
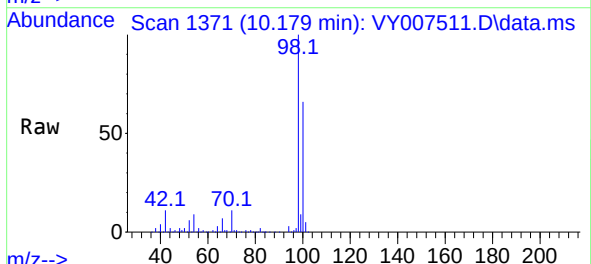
Manual Integrations
APPROVED

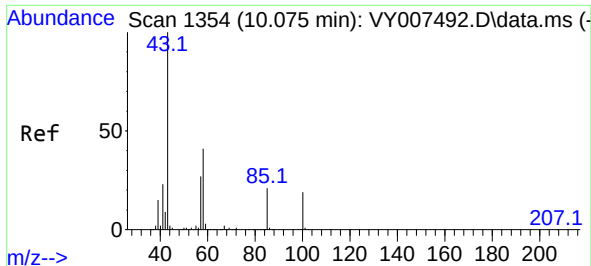
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#50
Toluene-d8
Concen: 50.272 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion: 98 Resp: 247289
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2





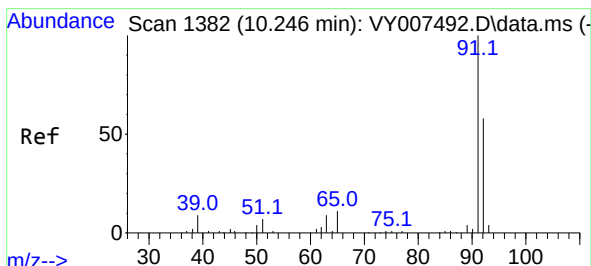
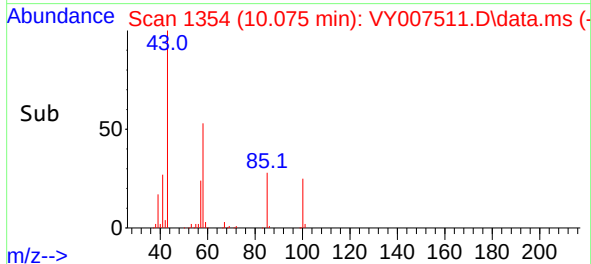
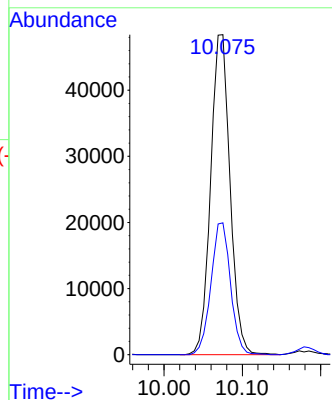
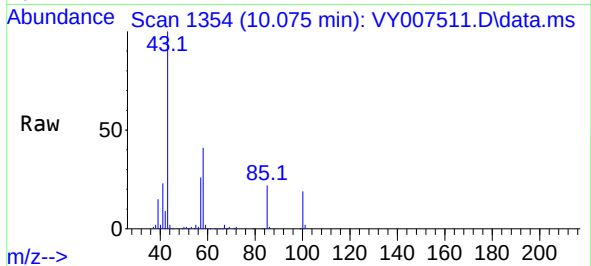
#51
4-Methyl-2-Pentanone
Concen: 87.060 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion: 43 Resp: 83254
Ion Ratio Lower Upper
43 100
58 41.6 28.1 42.1

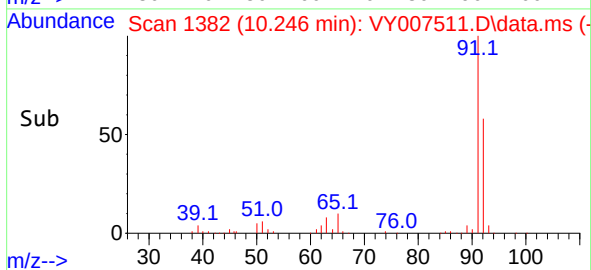
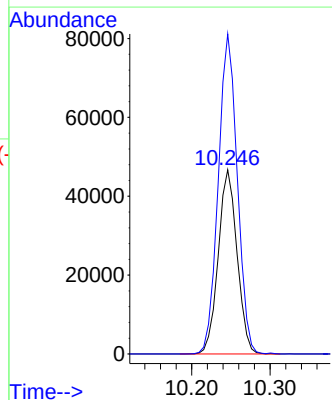
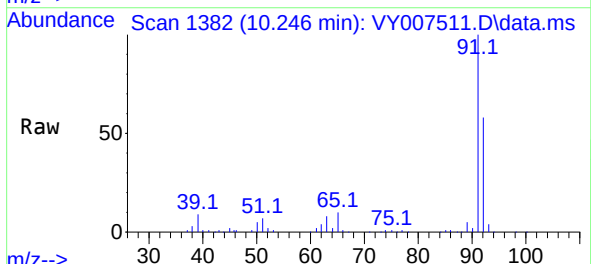
Manual Integrations
APPROVED

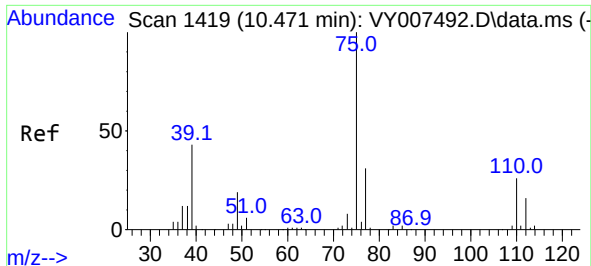
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
Toluene
Concen: 21.062 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

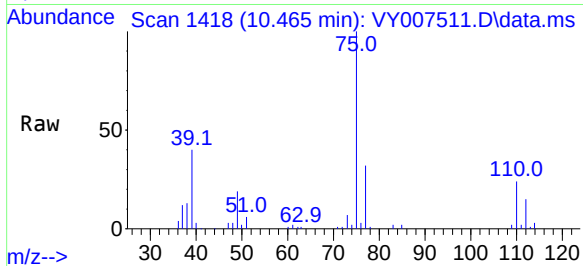
Tgt Ion: 92 Resp: 77917
Ion Ratio Lower Upper
92 100
91 176.0 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 20.022 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY007511.D
 Acq: 16 Feb 2022 15:25

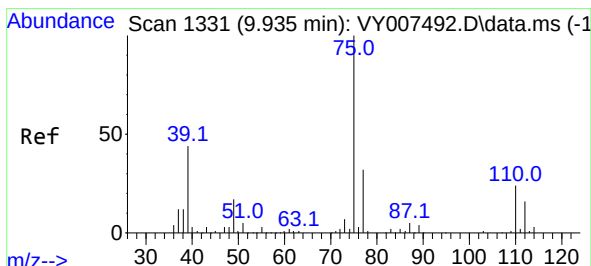
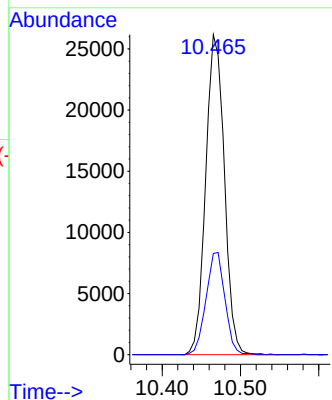
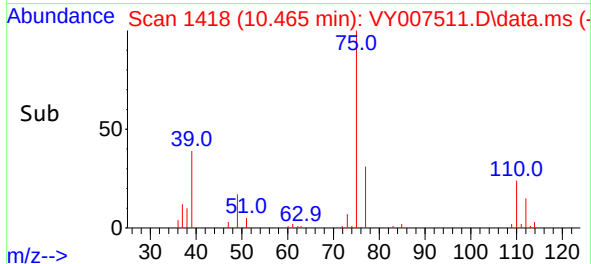
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS02



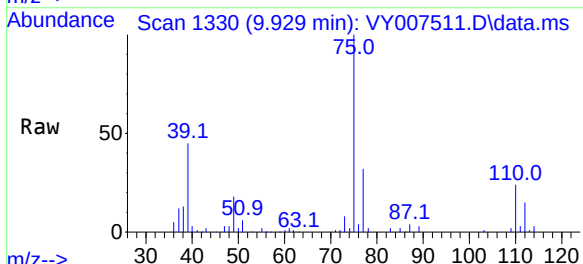
Tgt Ion: 75 Resp: 43245
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2

Manual Integrations
 APPROVED

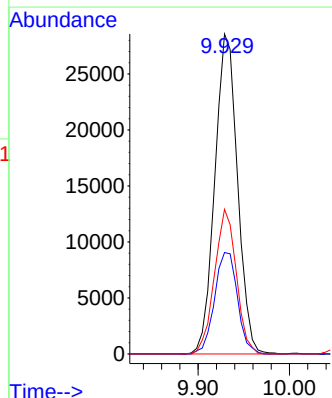
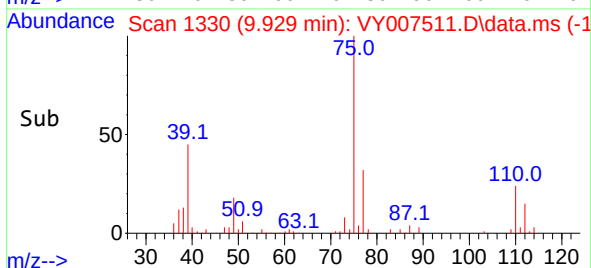
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022

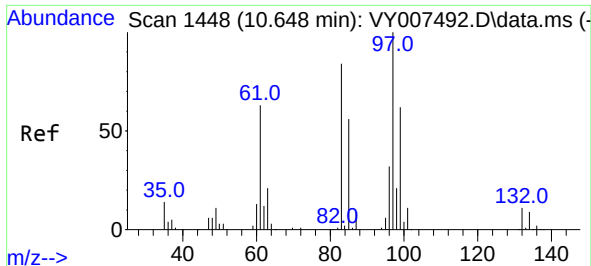


#54
 cis-1,3-Dichloropropene
 Concen: 20.459 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY007511.D
 Acq: 16 Feb 2022 15:25



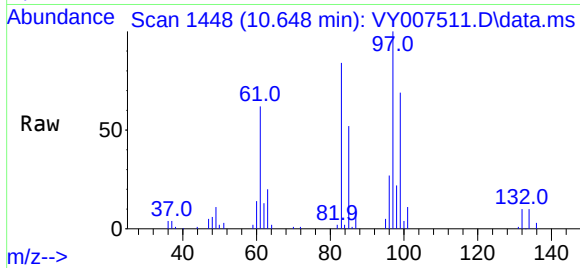
Tgt Ion: 75 Resp: 49310
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 45.2 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 20.159 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

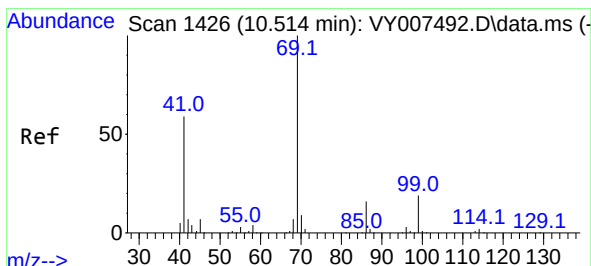
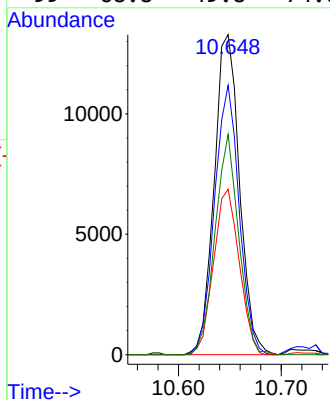
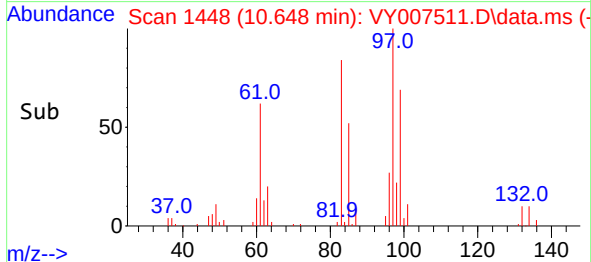


Tgt Ion: 97 Resp: 22776

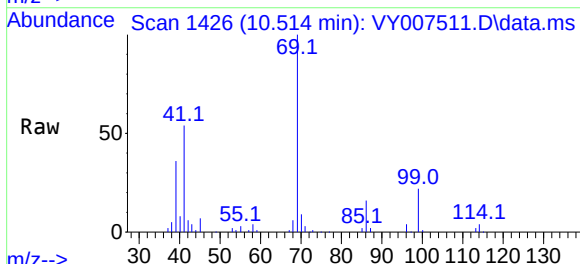
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.8	104.8
85	51.7	44.3	66.5
99	68.8	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

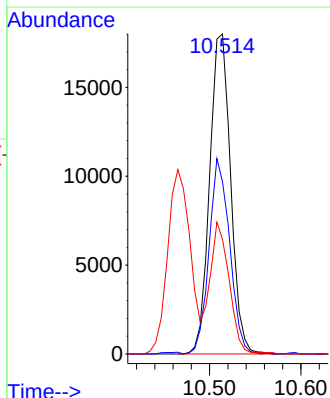
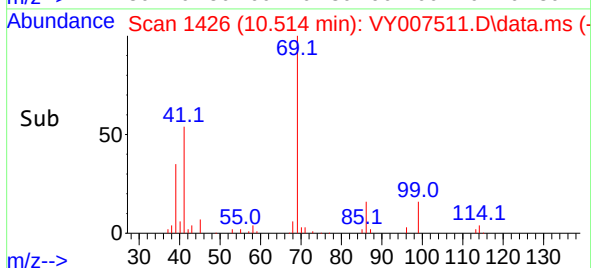


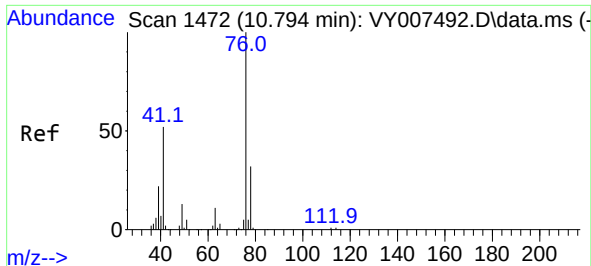
#56
Ethyl methacrylate
Concen: 18.896 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



Tgt Ion: 69 Resp: 28709

Ion	Ratio	Lower	Upper
69	100		
41	59.9	63.4	95.0#
39	37.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.702 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02

Tgt Ion: 76 Resp: 3833

Ion Ratio Lower Upper

76 100

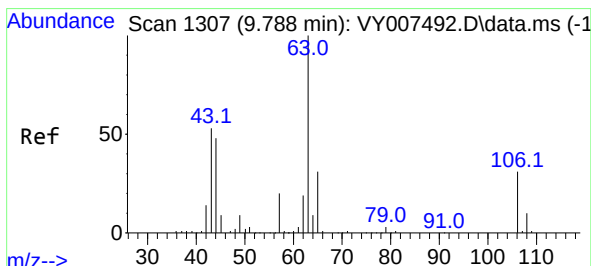
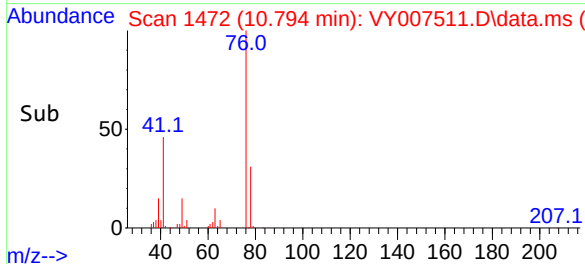
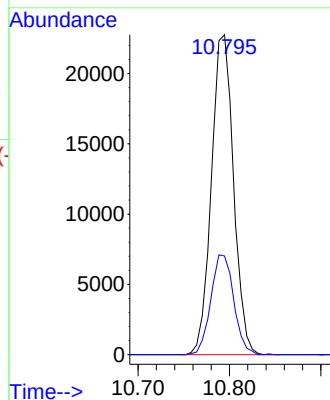
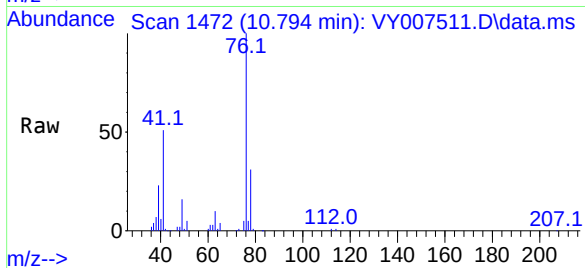
78 32.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 86.982 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007511.D

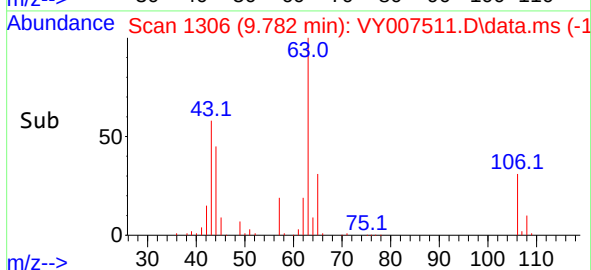
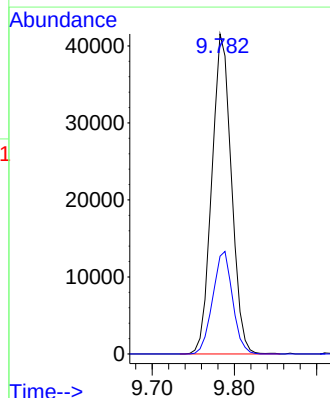
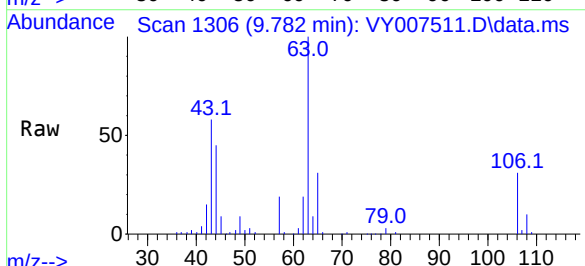
Acq: 16 Feb 2022 15:25

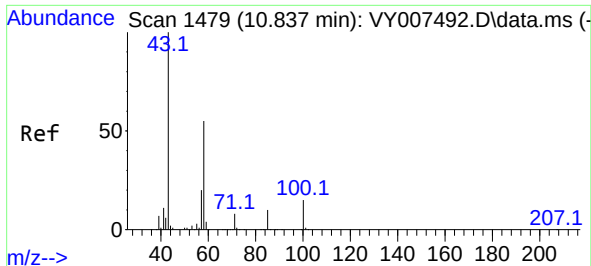
Tgt Ion: 63 Resp: 68860

Ion Ratio Lower Upper

63 100

106 32.4 21.5 32.3#





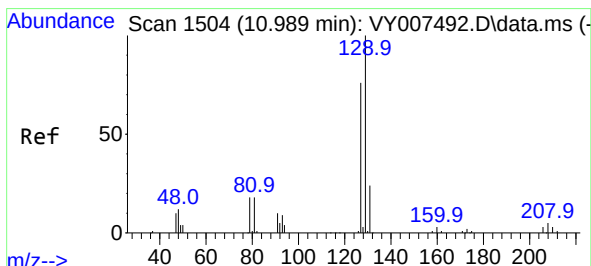
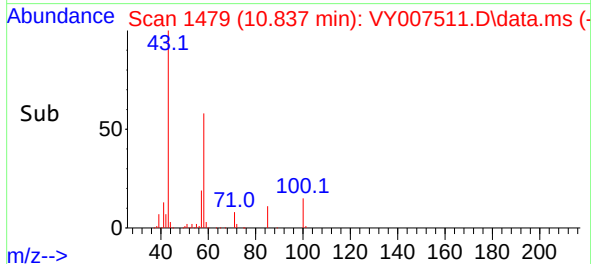
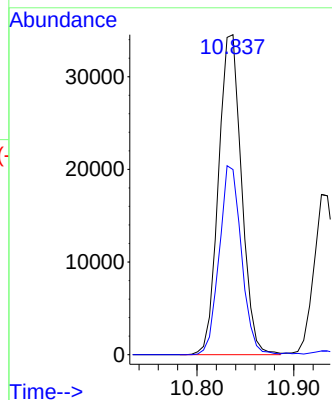
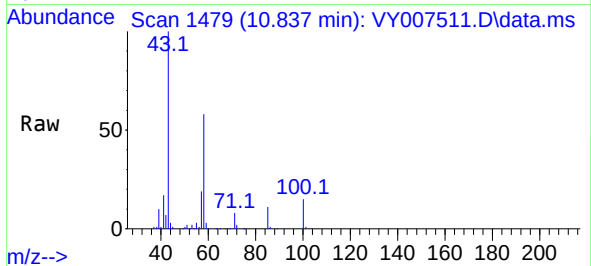
#59
2-Hexanone
Concen: 82.654 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02

Tgt Ion: 43 Resp: 57064
Ion Ratio Lower Upper
43 100
58 57.0 24.4 73.4

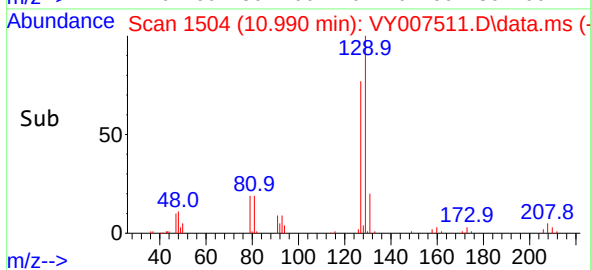
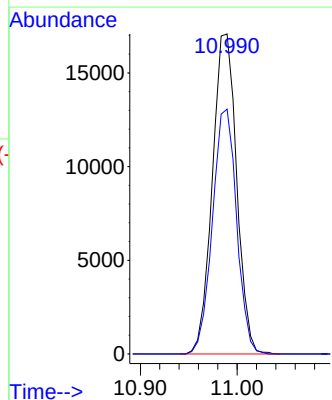
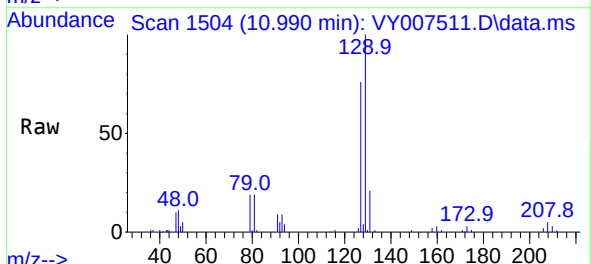
Manual Integrations
APPROVED

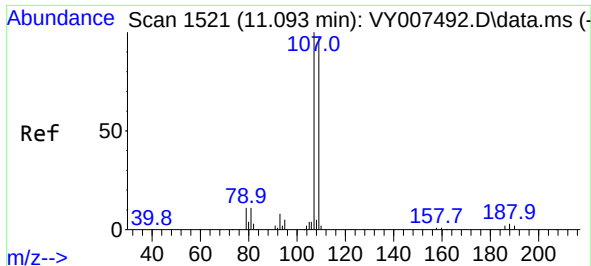
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#60
Dibromochloromethane
Concen: 20.930 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion:129 Resp: 29820
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1





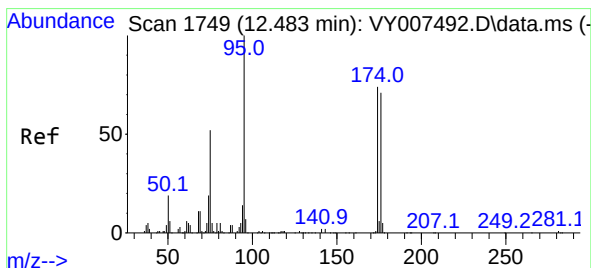
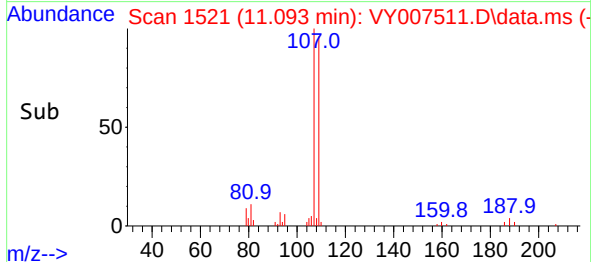
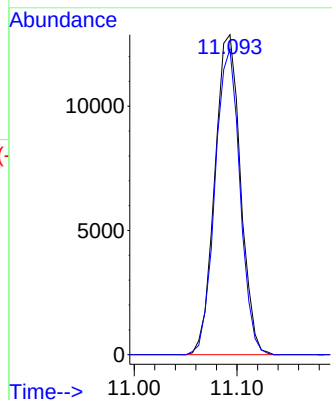
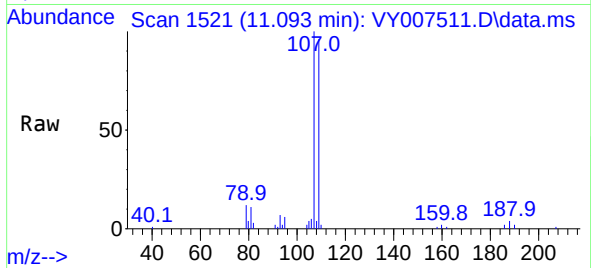
#61
1,2-Dibromoethane
Concen: 19.879 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02

Tgt Ion:107 Resp: 22394
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.2

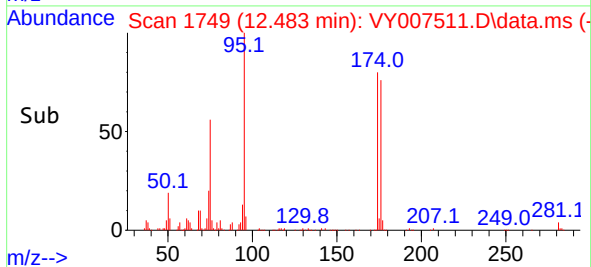
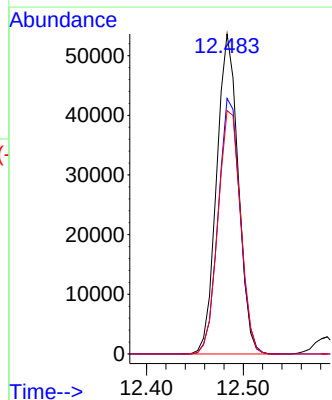
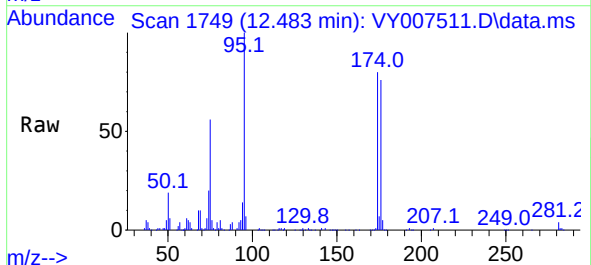
Manual Integrations
APPROVED

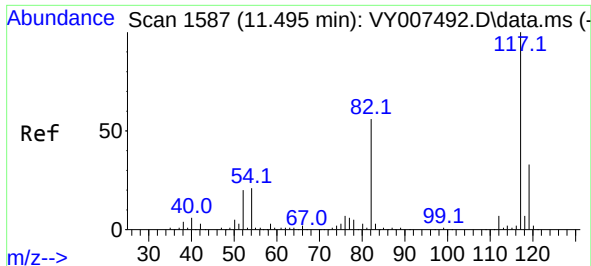
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#62
4-Bromofluorobenzene
Concen: 49.904 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

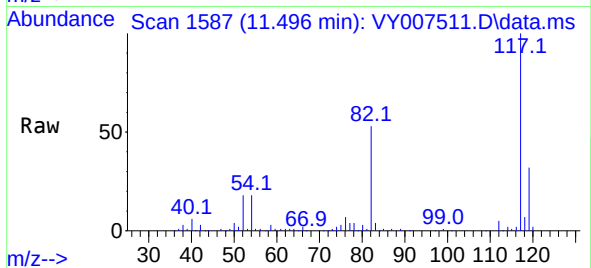
Tgt Ion: 95 Resp: 83236
Ion Ratio Lower Upper
95 100
174 80.7 0.0 177.0
176 79.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

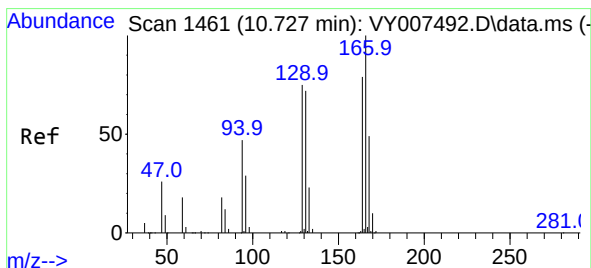
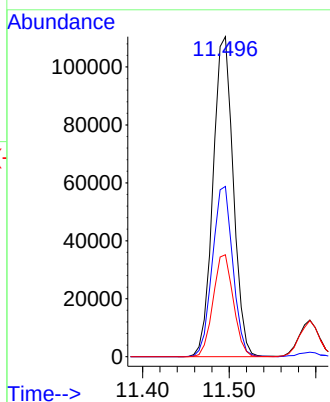
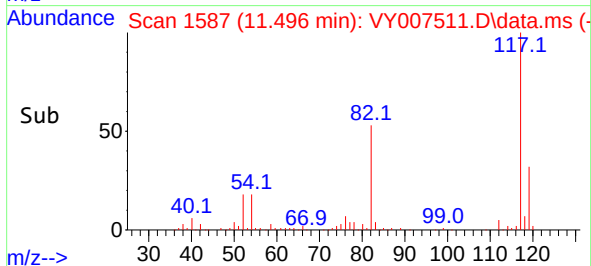
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02



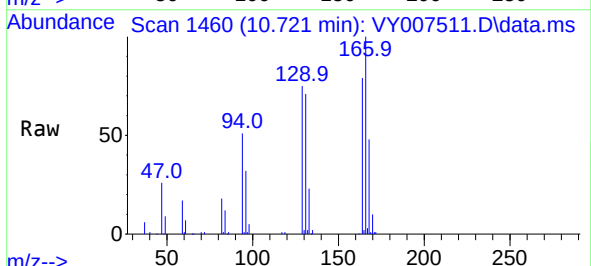
Tgt Ion:117 Resp: 17946
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.8 25.4 38.0

Manual Integrations
APPROVED

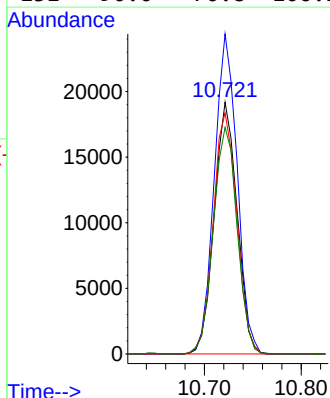
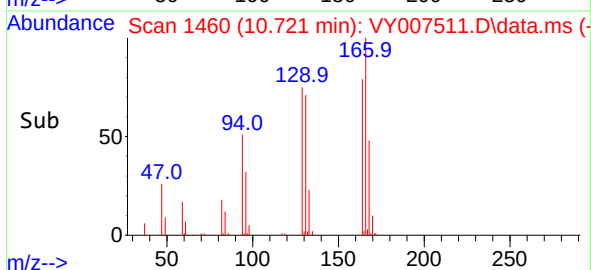
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

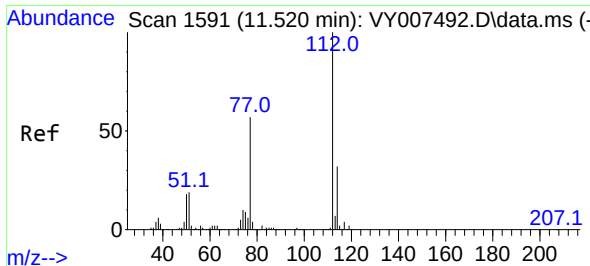


#64
Tetrachloroethene
Concen: 22.319 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



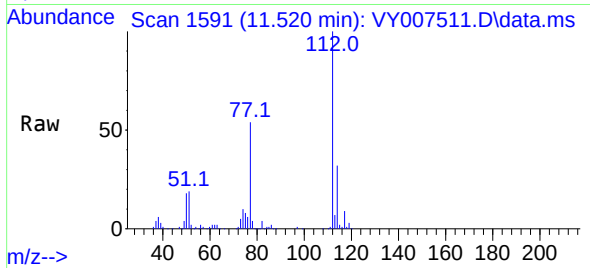
Tgt Ion:164 Resp: 31588
Ion Ratio Lower Upper
164 100
166 127.1 100.4 150.6
129 95.8 71.4 107.0
131 90.0 70.8 106.2





#65
Chlorobenzene
Concen: 21.065 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

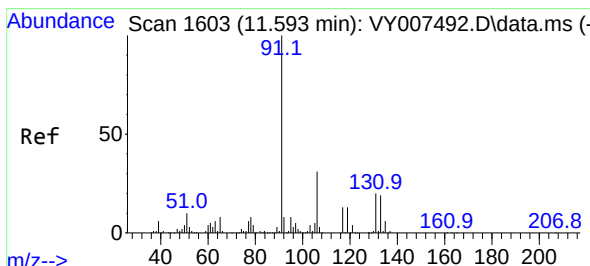
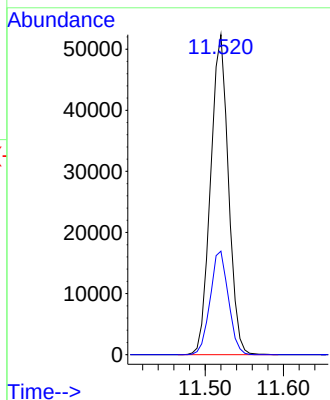
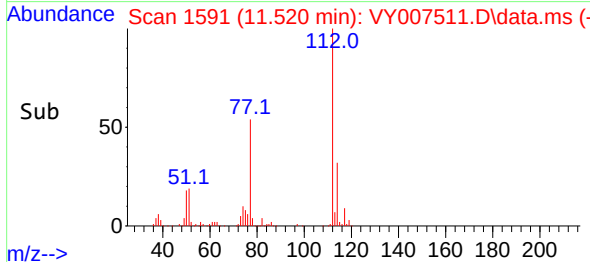
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



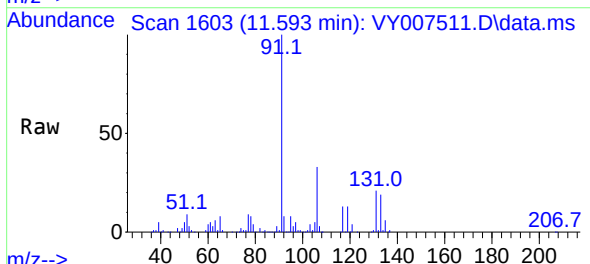
Tgt Ion:112 Resp: 8280
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

Manual Integrations
APPROVED

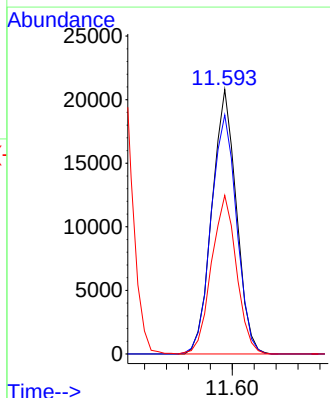
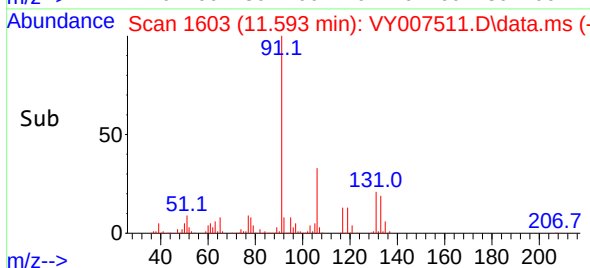
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

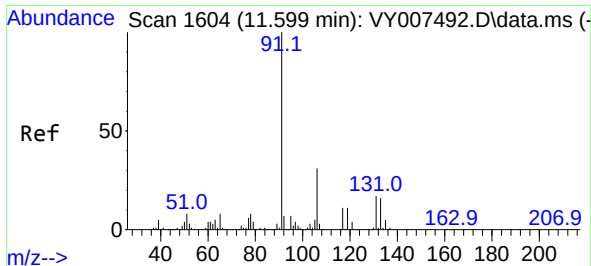


#66
1,1,1,2-Tetrachloroethane
Concen: 21.670 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



Tgt Ion:131 Resp: 32170
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 61.4 30.8 92.3





#67

Ethyl Benzene

Concen: 21.037 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007511.D

Acq: 16 Feb 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS02

Tgt Ion: 91 Resp: 154758

Ion Ratio Lower Upper

91 100

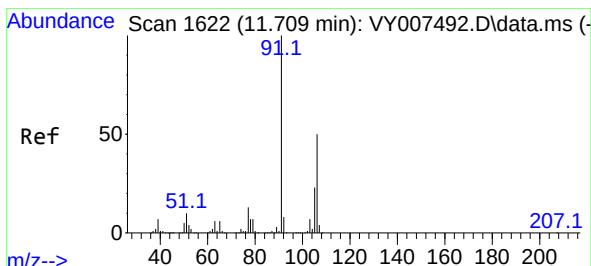
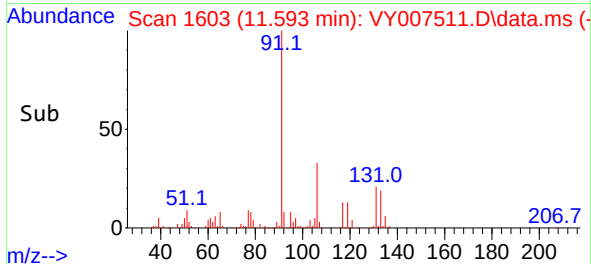
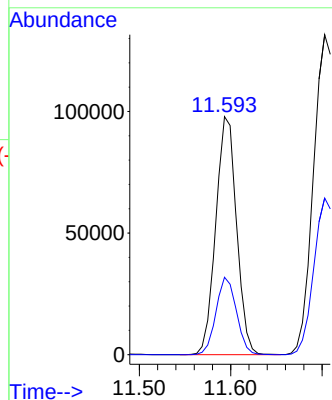
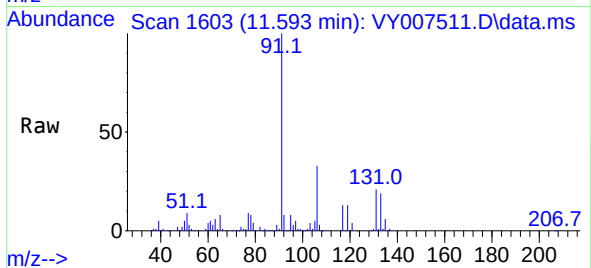
106 32.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#68

m/p-Xylenes

Concen: 42.285 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY007511.D

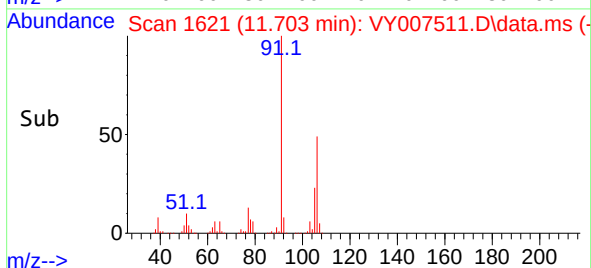
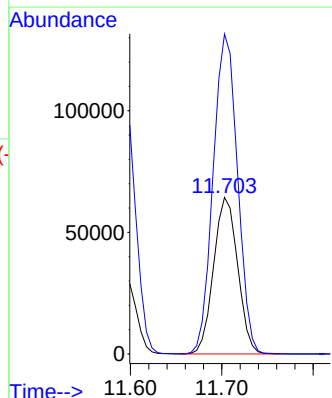
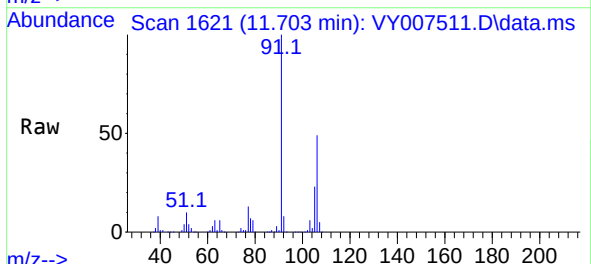
Acq: 16 Feb 2022 15:25

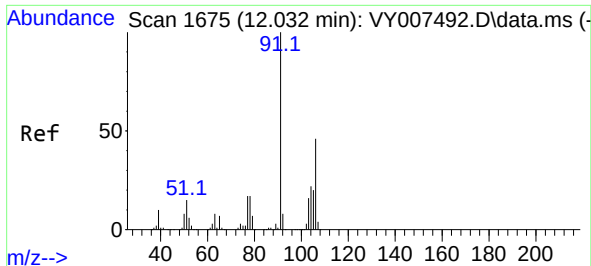
Tgt Ion:106 Resp: 117727

Ion Ratio Lower Upper

106 100

91 207.3 166.6 249.8





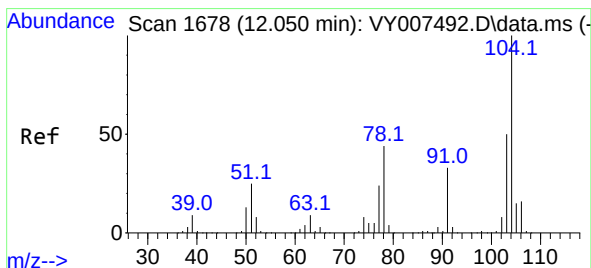
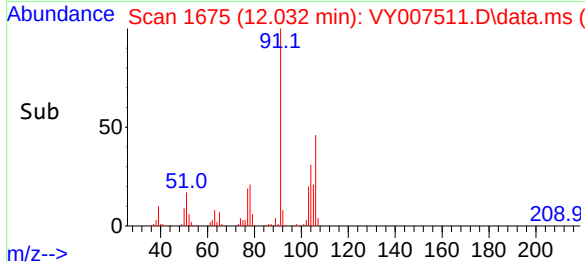
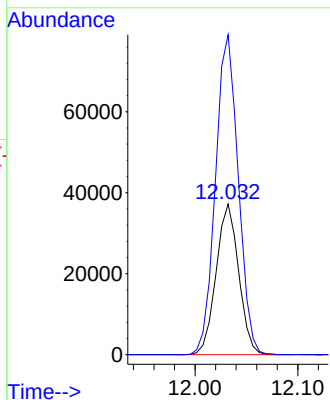
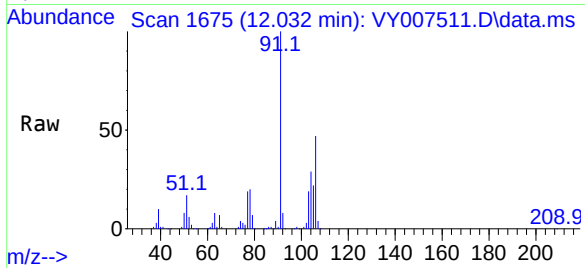
#69
o-Xylene
Concen: 21.455 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion:106 Resp: 5652
Ion Ratio Lower Upper
106 100
91 215.1 110.3 331.0

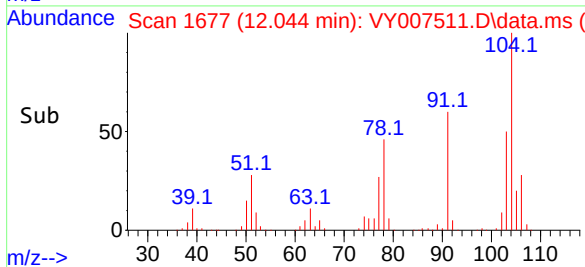
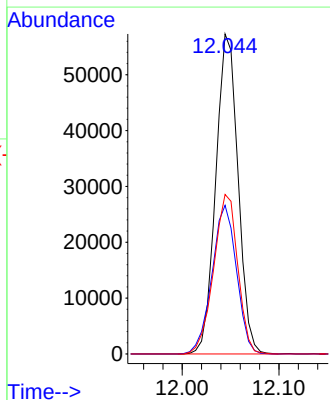
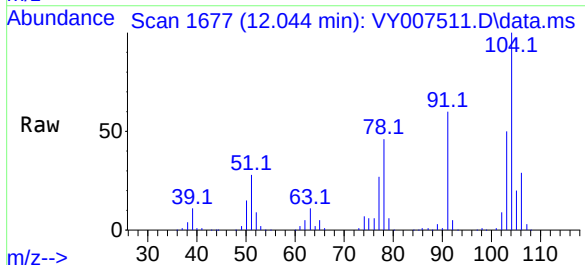
Manual Integrations
APPROVED

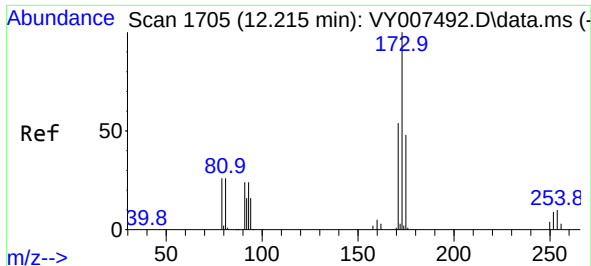
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 21.110 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

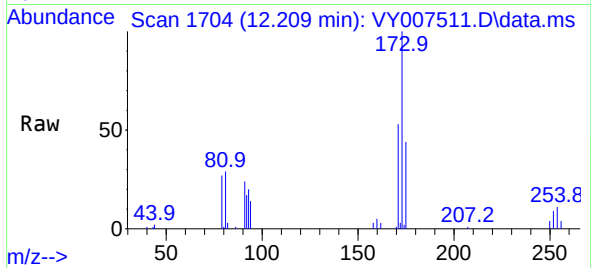
Tgt Ion:104 Resp: 91437
Ion Ratio Lower Upper
104 100
78 51.3 42.4 63.6
103 54.1 44.4 66.6





#71
Bromoform
Concen: 20.146 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

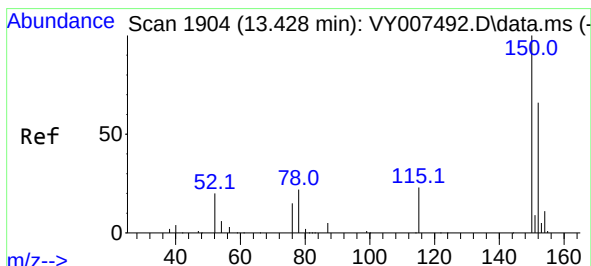
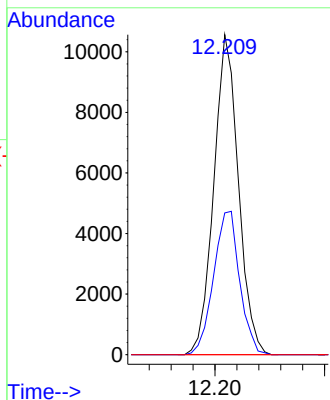
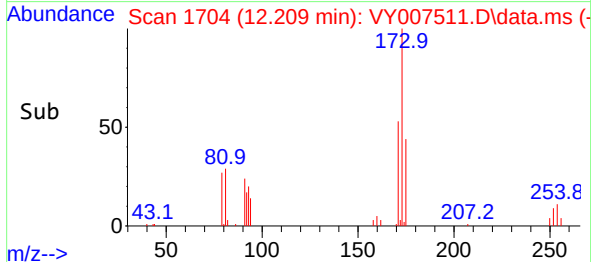
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



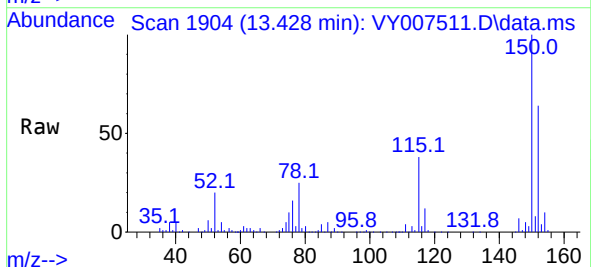
Tgt Ion:173 Resp: 16472
Ion Ratio Lower Upper
173 100
175 47.5 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

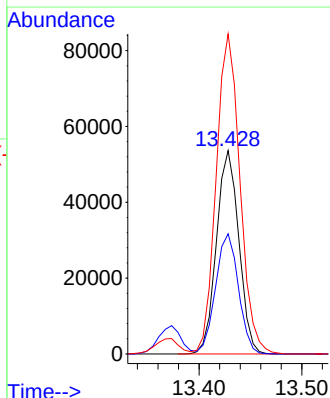
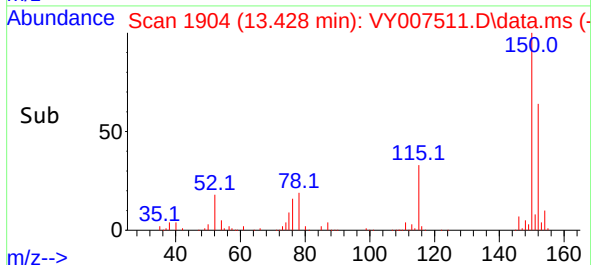
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

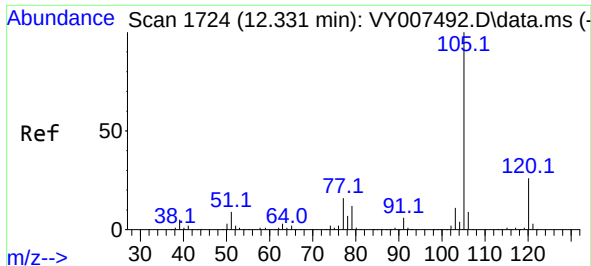


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



Tgt Ion:152 Resp: 81000
Ion Ratio Lower Upper
152 100
115 60.3 28.2 84.7
150 167.3 0.0 347.6





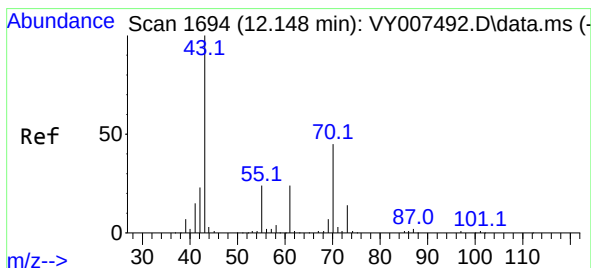
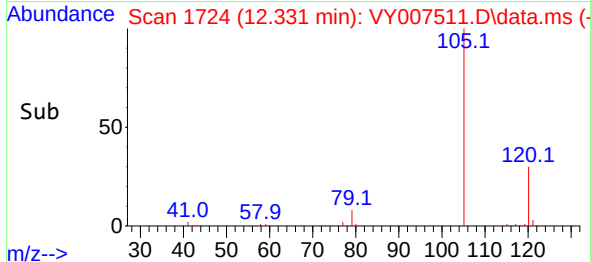
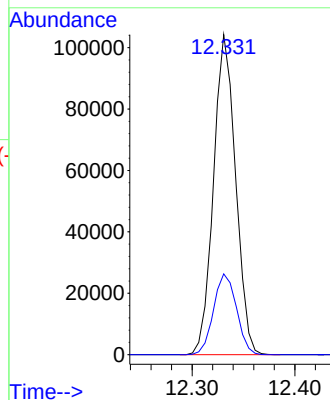
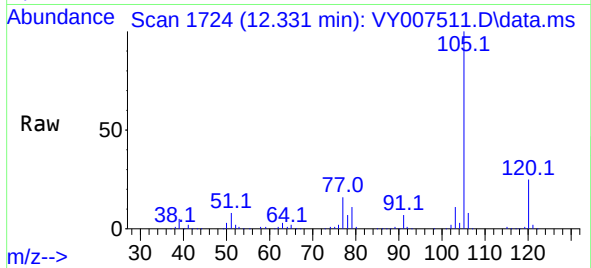
#73
Isopropylbenzene
Concen: 21.653 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion:105 Resp: 15538
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

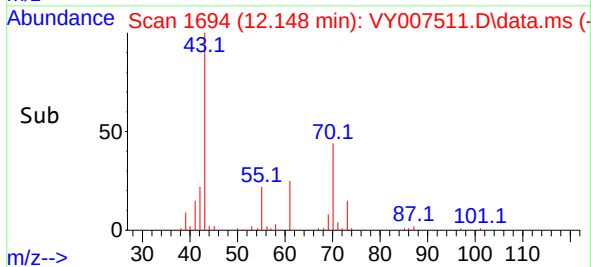
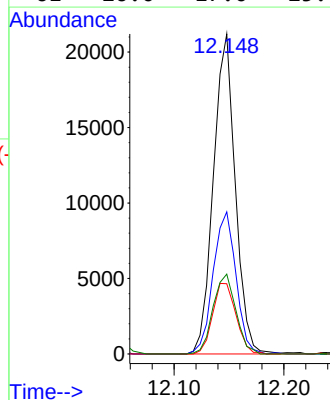
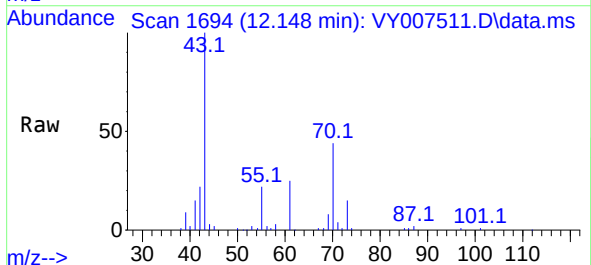
Manual Integrations
APPROVED

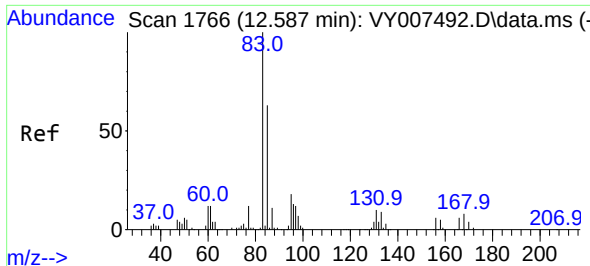
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
N-ethyl acetate
Concen: 18.087 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

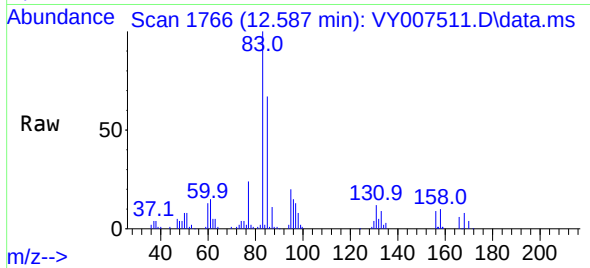
Tgt Ion: 43 Resp: 29384
Ion Ratio Lower Upper
43 100
70 46.5 28.7 43.1#
55 23.6 17.3 25.9
61 26.0 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.931 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

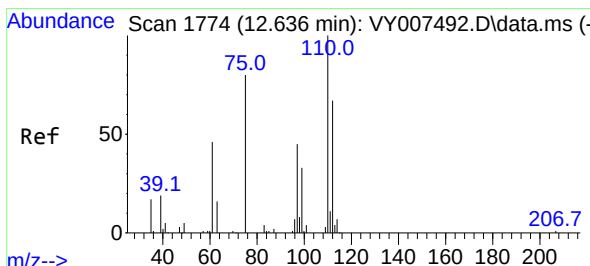
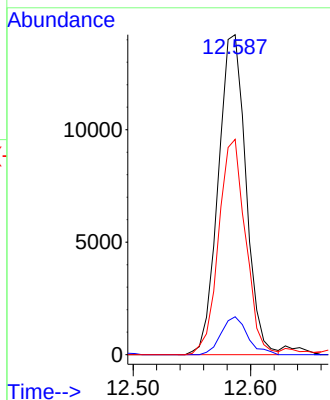
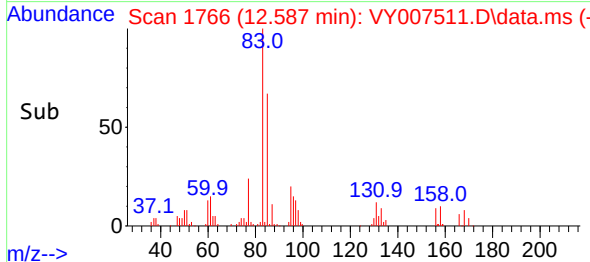
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD02



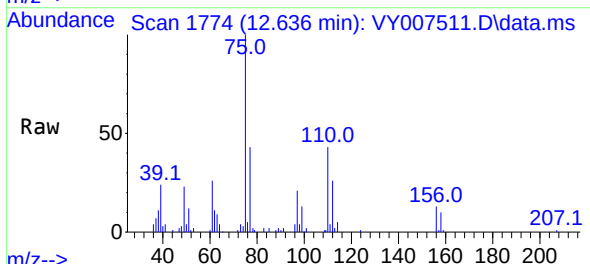
Tgt Ion: 83 Resp: 23269
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 65.7 32.3 96.8

Manual Integrations
APPROVED

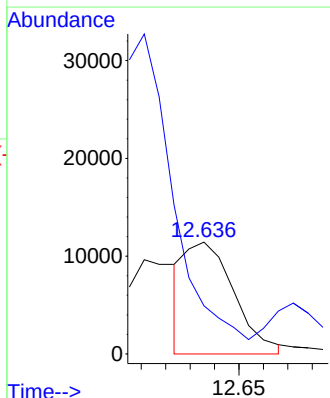
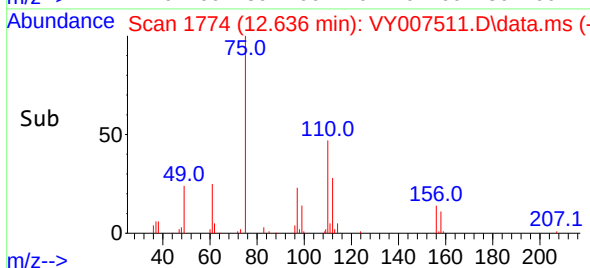
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

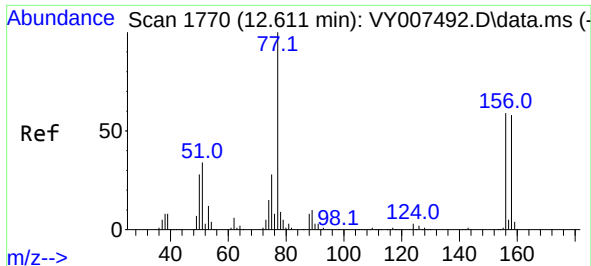


#76
1,2,3-Trichloropropane
Concen: 17.131 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



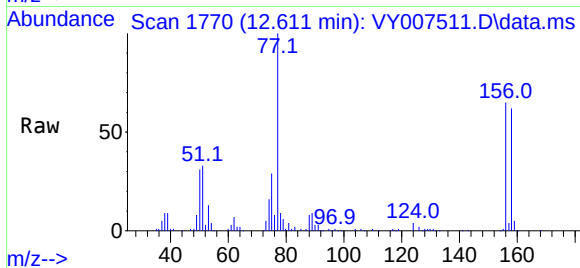
Tgt Ion: 75 Resp: 16033
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.947 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

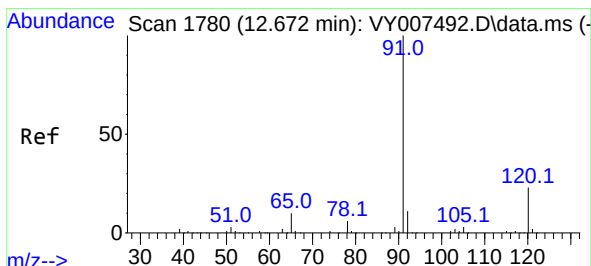
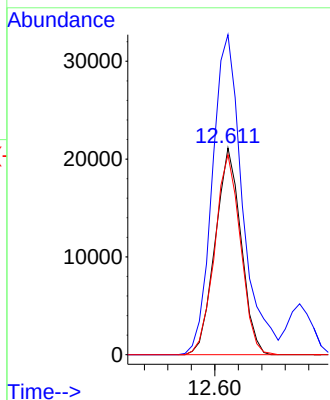
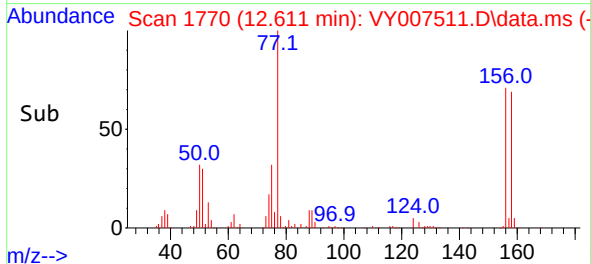
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



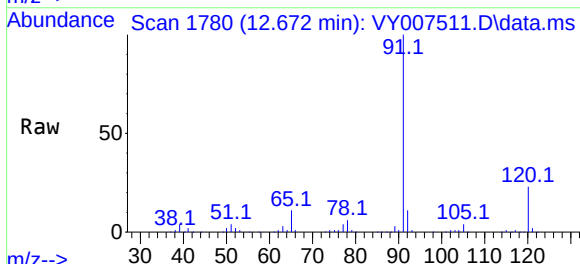
Tgt Ion:156 Resp: 32279
Ion Ratio Lower Upper
156 100
77 180.4 95.5 286.4
158 97.0 48.0 144.0

Manual Integrations
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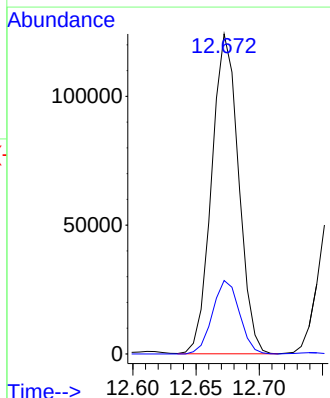
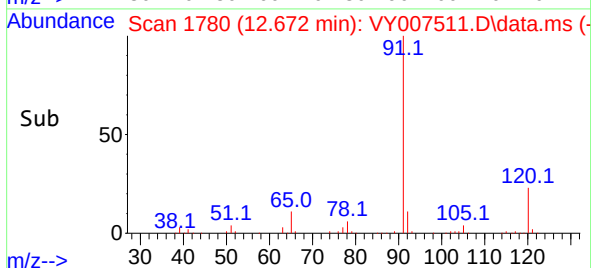
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

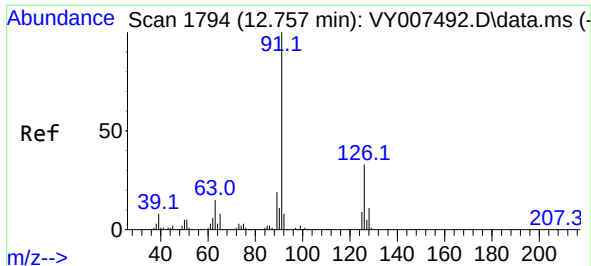


#78
n-propylbenzene
Concen: 21.300 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



Tgt Ion: 91 Resp: 183927
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





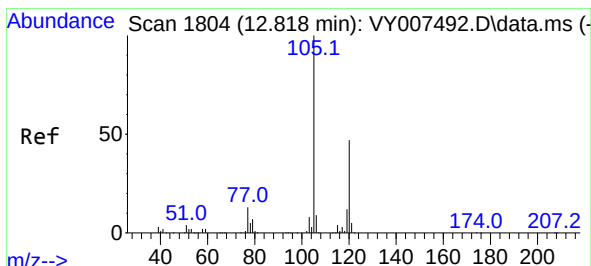
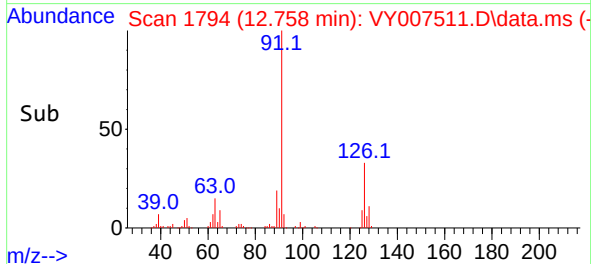
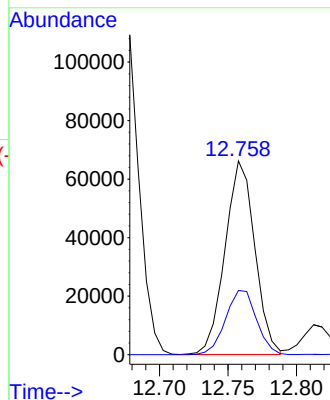
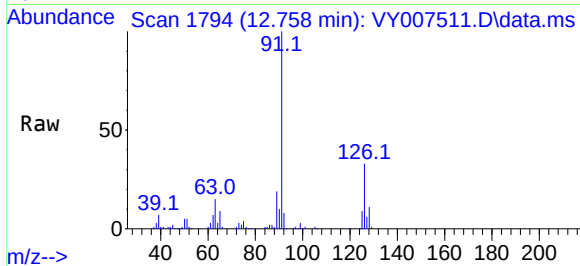
#79
2-Chlorotoluene
Concen: 21.047 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion: 91 Resp: 100192
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.6

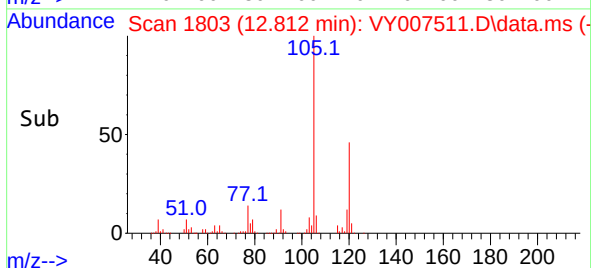
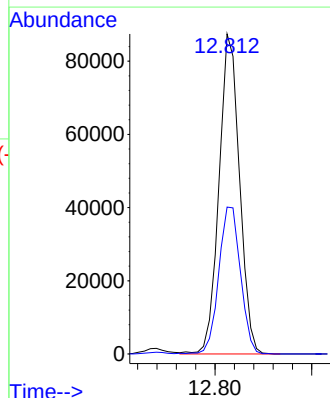
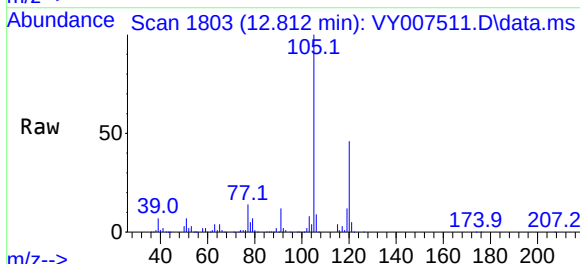
Manual Integrations
APPROVED

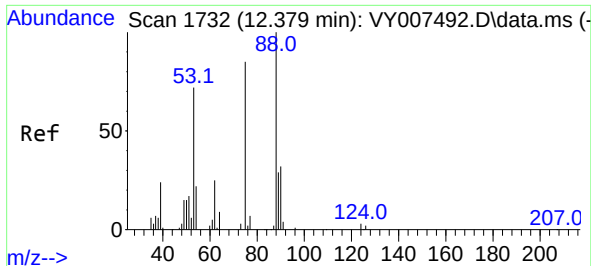
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.616 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion:105 Resp: 128483
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.4





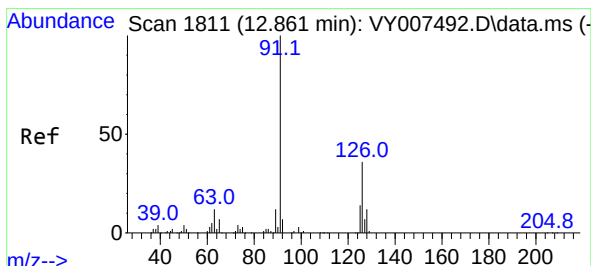
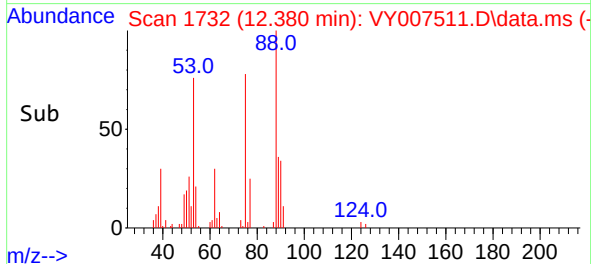
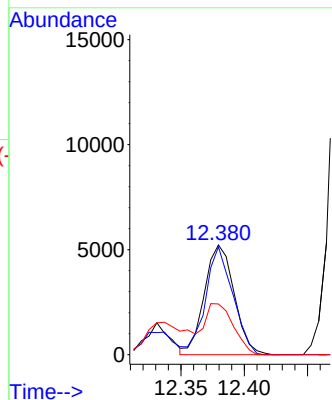
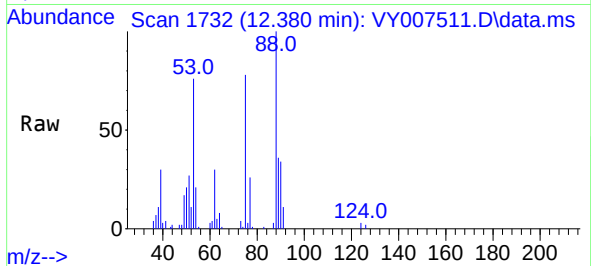
#81
trans-1,4-Dichloro-2-butene
Concen: 19.008 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion: 75 Resp: 855
Ion Ratio Lower Upper
75 100
53 89.0 85.3 127.9
89 44.6 37.0 55.4

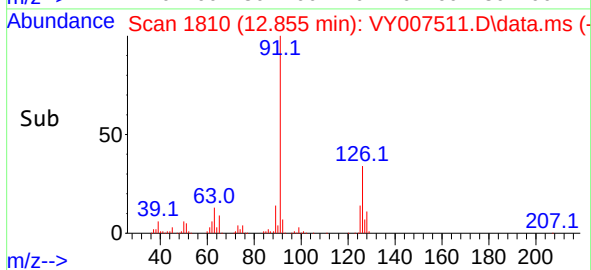
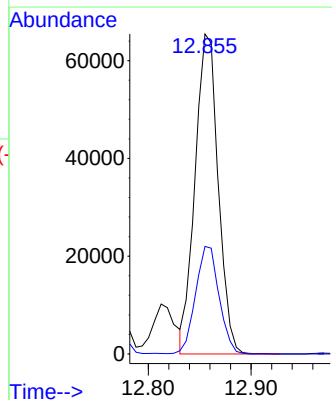
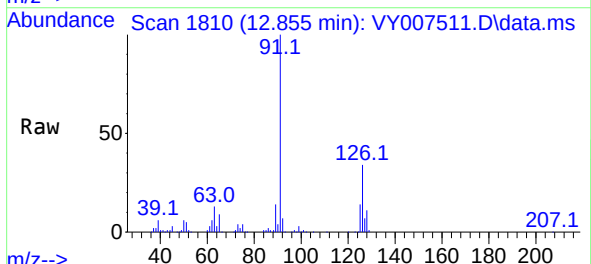
Manual Integrations
APPROVED

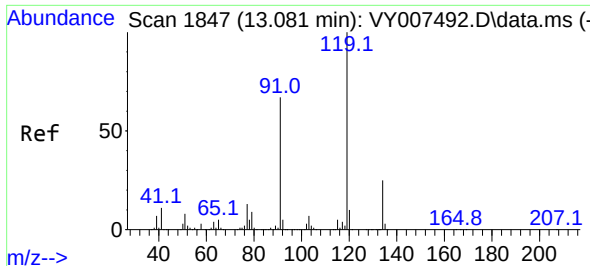
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#82
4-Chlorotoluene
Concen: 20.993 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion: 91 Resp: 102447
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





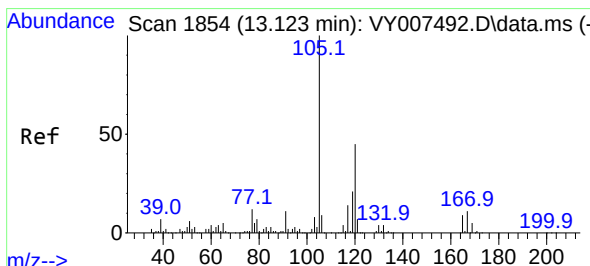
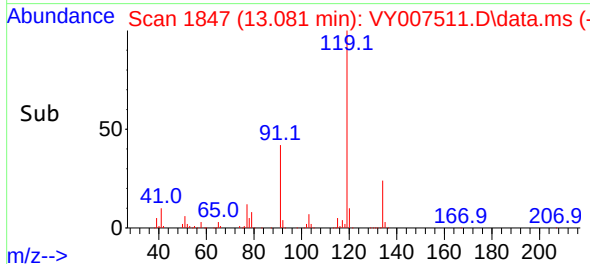
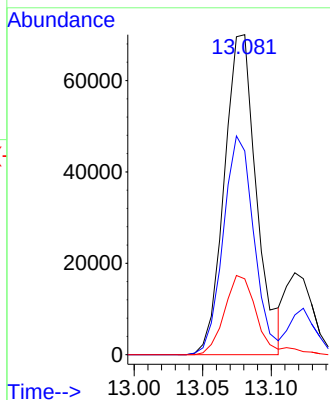
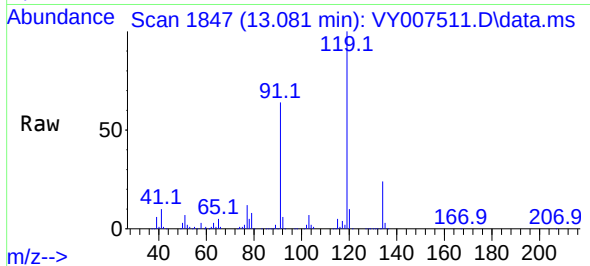
#83
tert-Butylbenzene
Concen: 22.019 ug/l
RT: 13.081 min Scan# 11439
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion:119 Resp: 11439
Ion Ratio Lower Upper
119 100
91 65.5 34.8 104.4
134 25.3 13.3 39.9

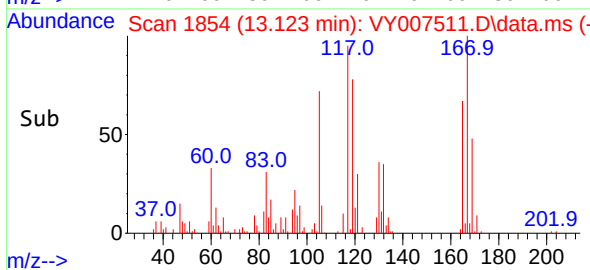
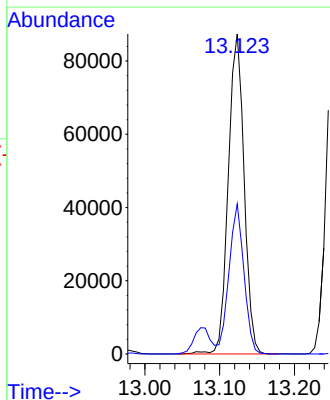
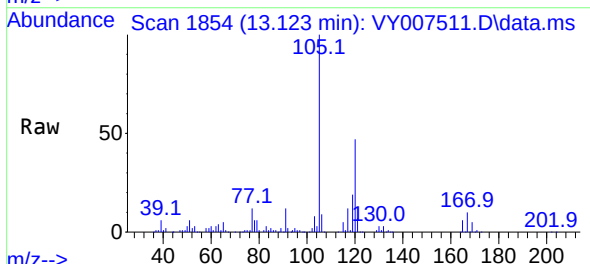
Manual Integrations
APPROVED

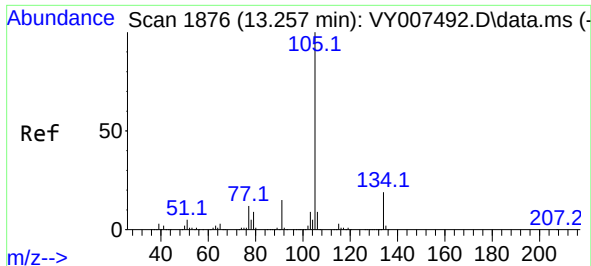
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 22.338 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion:105 Resp: 128745
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





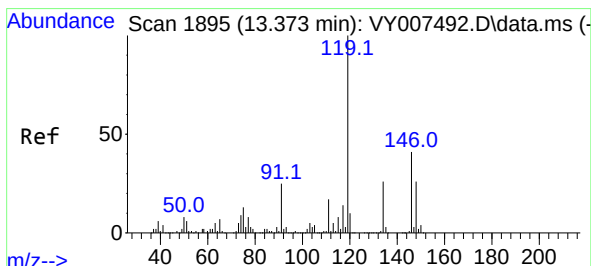
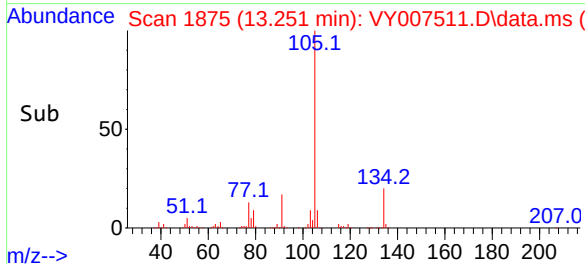
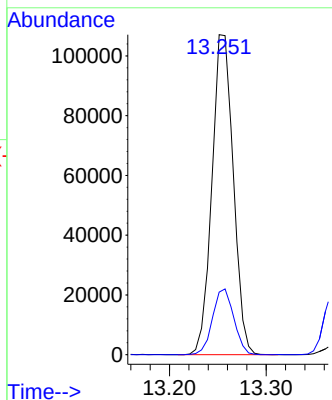
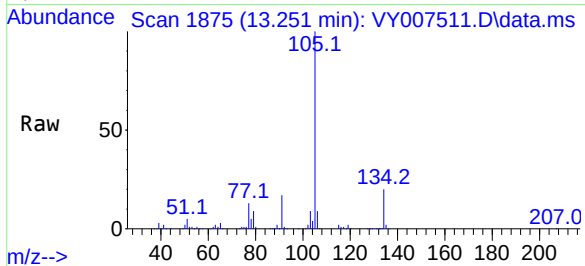
#85
 sec-Butylbenzene
 Concen: 21.444 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007511.D
 Acq: 16 Feb 2022 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS02

Tgt Ion:105 Resp: 164220
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

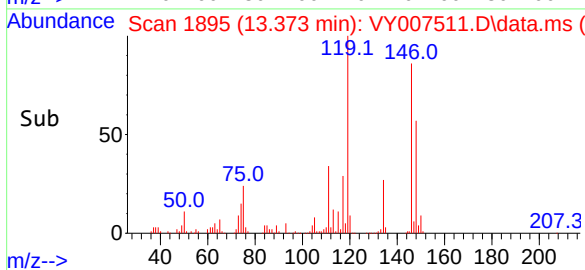
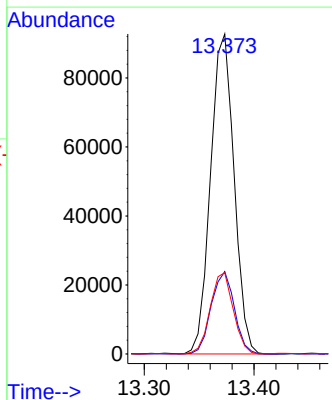
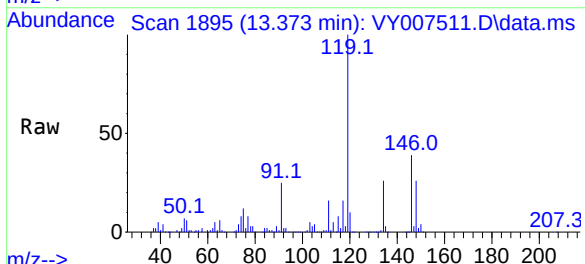
Manual Integrations
 APPROVED

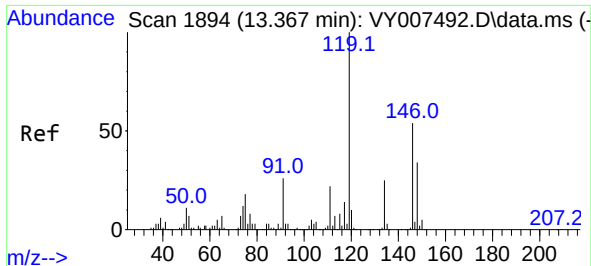
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#86
 p-Isopropyltoluene
 Concen: 21.925 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007511.D
 Acq: 16 Feb 2022 15:25

Tgt Ion:119 Resp: 138298
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 25.0 12.4 37.2





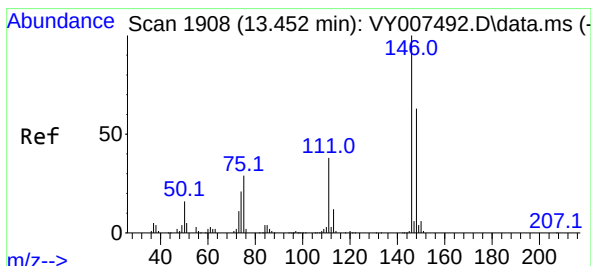
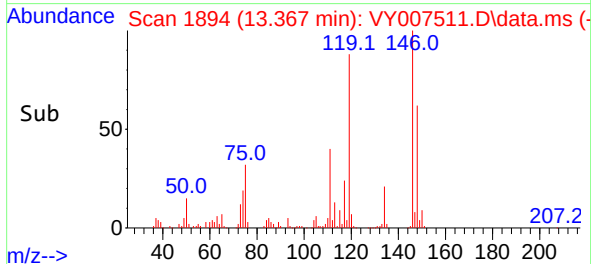
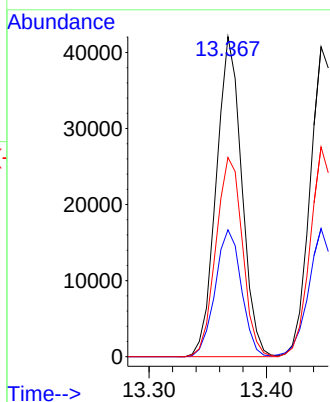
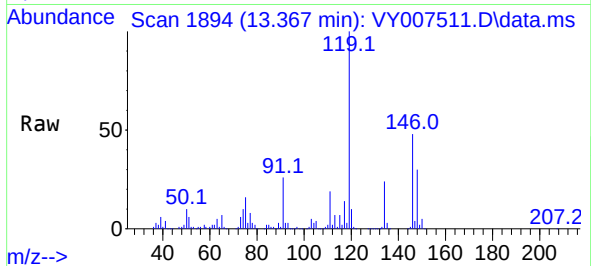
#87
1,3-Dichlorobenzene
Concen: 21.164 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion:146 Resp: 63494
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 64.7 31.6 95.0

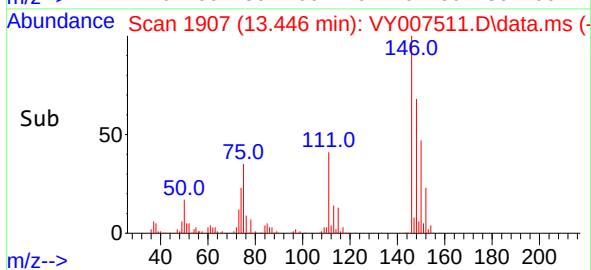
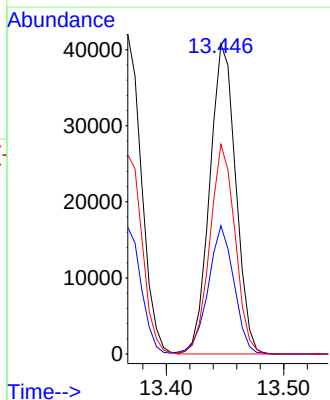
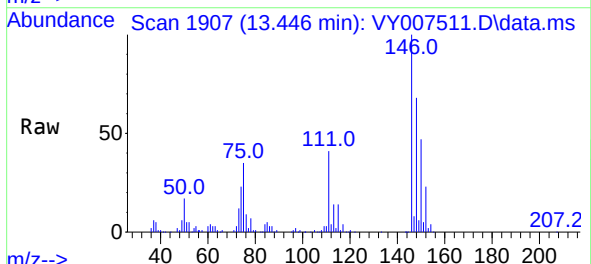
Manual Integrations
APPROVED

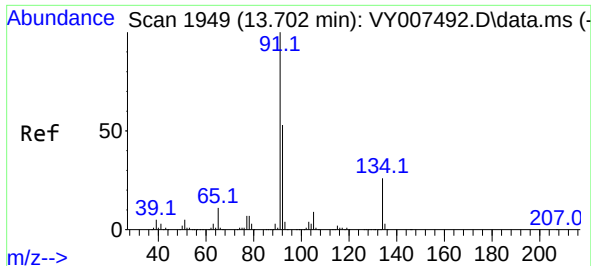
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#88
1,4-Dichlorobenzene
Concen: 21.084 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion:146 Resp: 62762
Ion Ratio Lower Upper
146 100
111 41.1 19.3 57.8
148 65.6 32.6 97.8





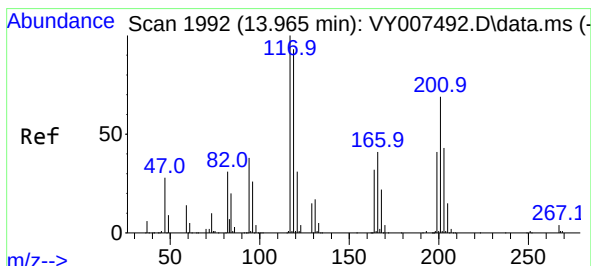
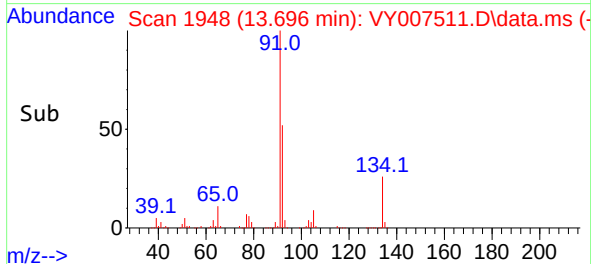
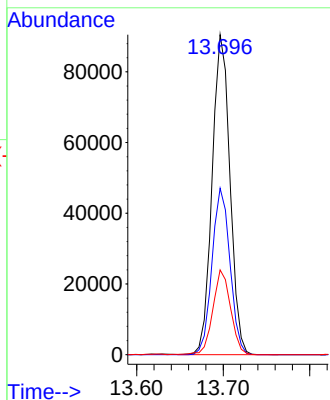
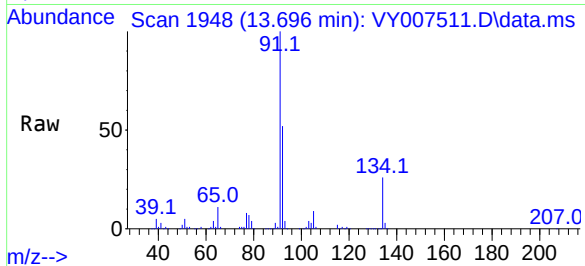
#89
n-Butylbenzene
Concen: 21.579 ug/l
RT: 13.696 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion: 91 Resp: 12944
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 26.4 13.0 38.9

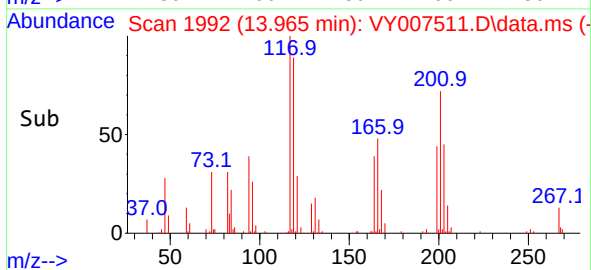
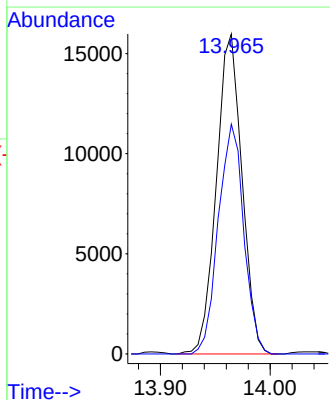
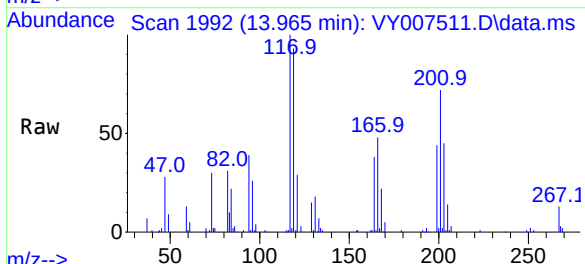
Manual Integrations
APPROVED

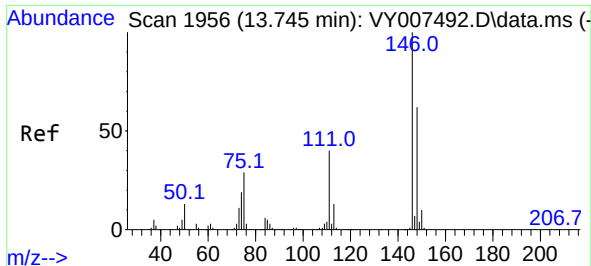
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachloroethane
Concen: 21.518 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion:117 Resp: 25937
Ion Ratio Lower Upper
117 100
201 71.3 43.0 128.8





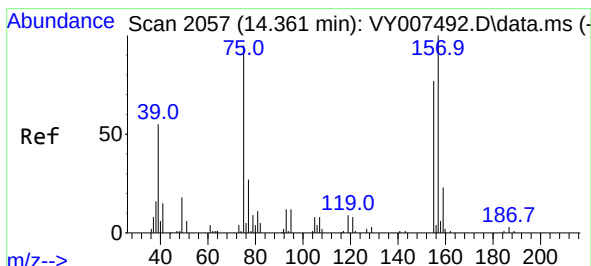
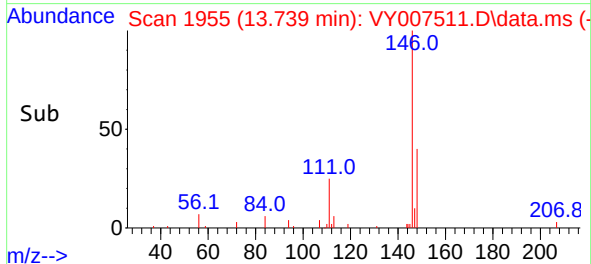
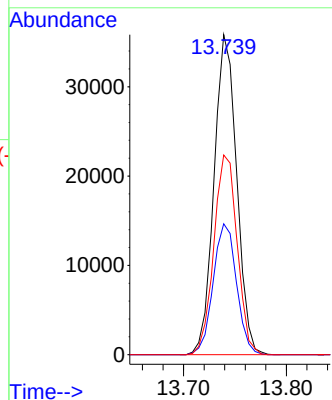
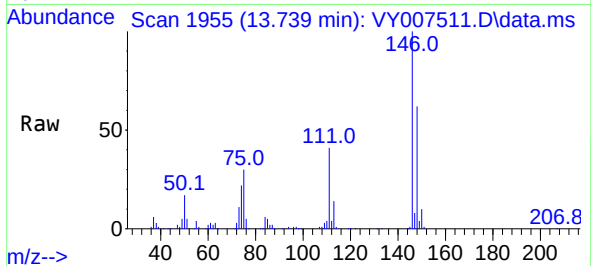
#91
1,2-Dichlorobenzene
Concen: 20.756 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion:146 Resp: 5484
Ion Ratio Lower Upper
146 100
111 42.2 20.3 60.9
148 64.4 32.3 96.9

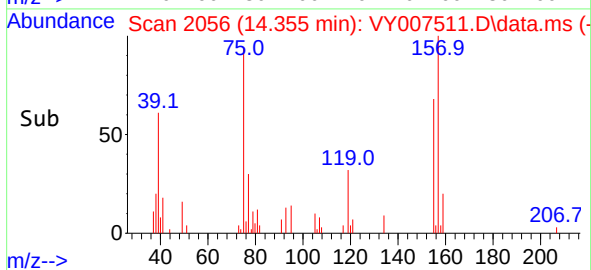
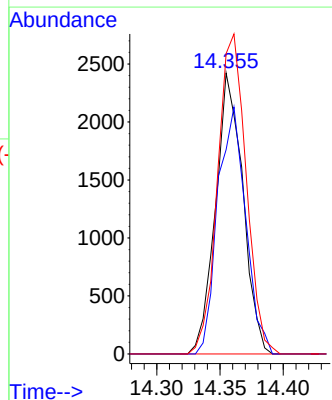
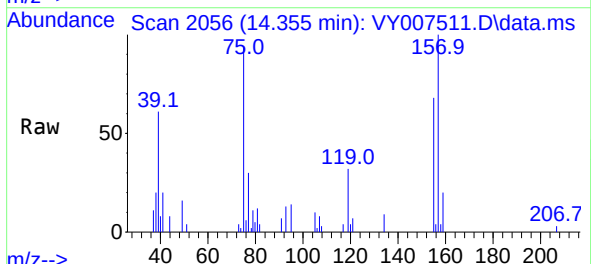
Manual Integrations
APPROVED

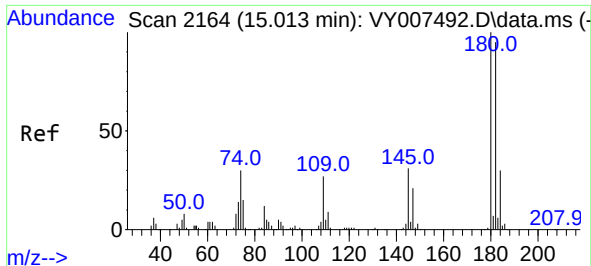
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.352 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Tgt Ion: 75 Resp: 3621
Ion Ratio Lower Upper
75 100
155 90.1 38.0 113.9
157 119.5 47.8 143.3





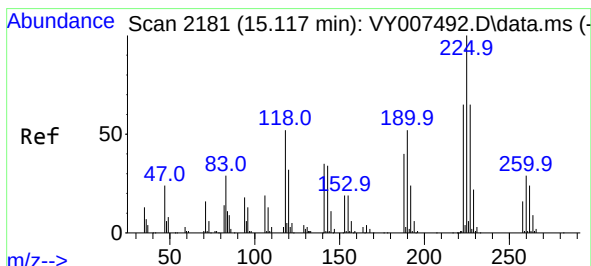
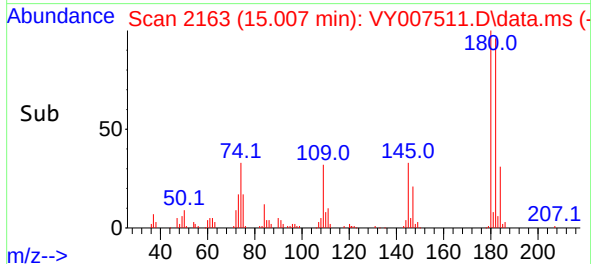
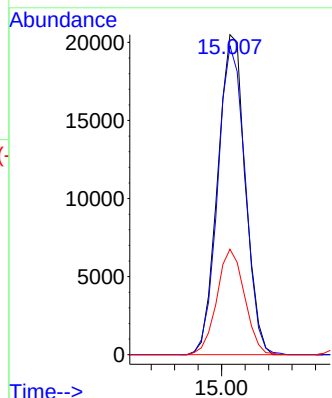
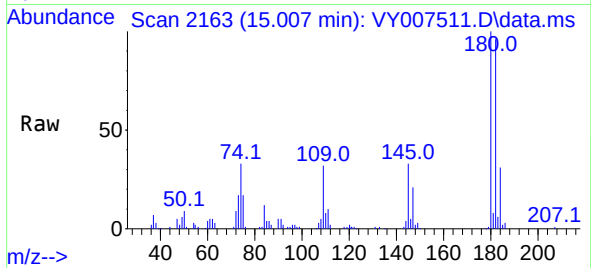
#93
1,2,4-Trichlorobenzene
Concen: 21.082 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02

Tgt Ion:180 Resp: 3334
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 33.1 14.6 43.8

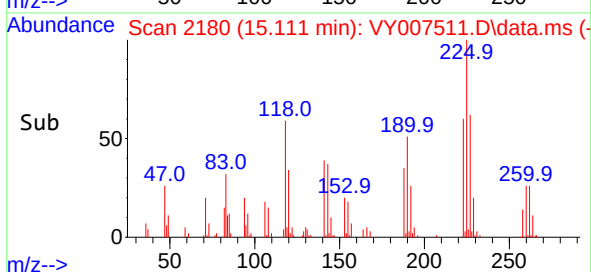
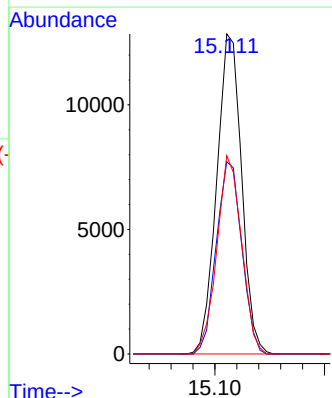
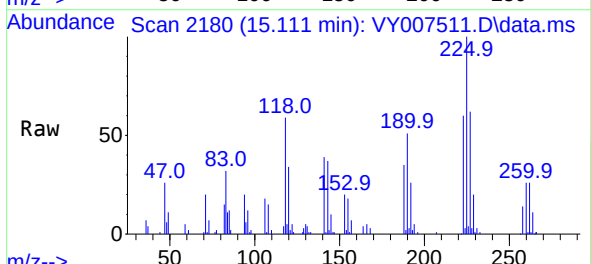
Manual Integrations
APPROVED

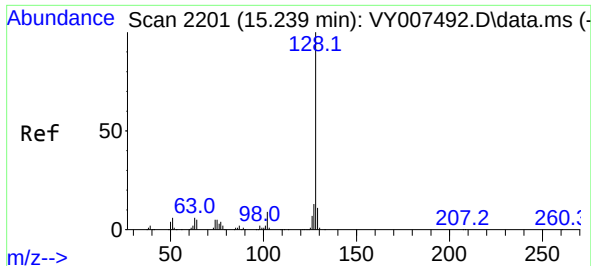
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#94
Hexachlorobutadiene
Concen: 22.100 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

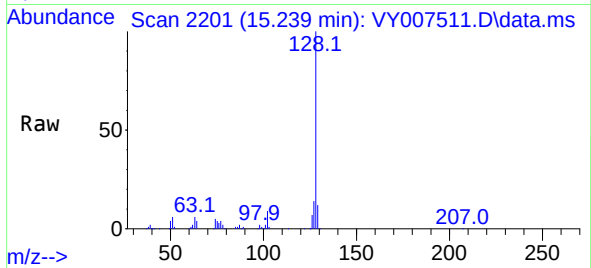
Tgt Ion:225 Resp: 20276
Ion Ratio Lower Upper
225 100
223 61.5 30.8 92.3
227 61.3 31.6 94.7





#95
Naphthalene
Concen: 19.513 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25

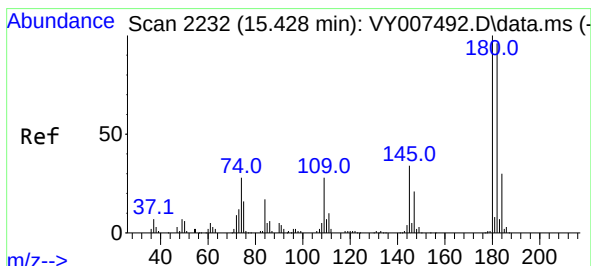
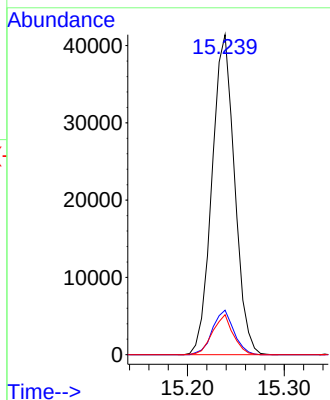
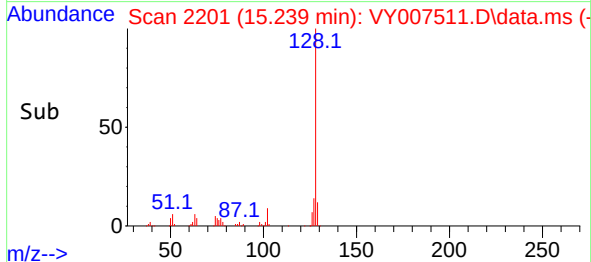
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS02



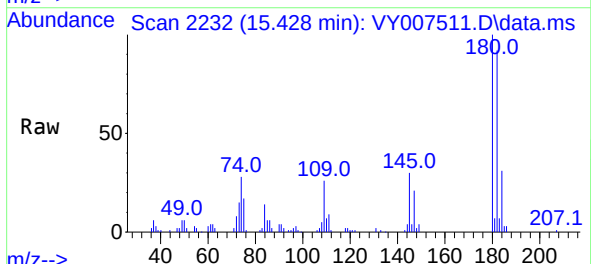
Tgt Ion:128 Resp: 6724
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.4 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.318 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY007511.D
Acq: 16 Feb 2022 15:25



Tgt Ion:180 Resp: 27793
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 33.1 15.3 45.9

