

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011493.D
 Acq On : 18 Nov 2022 11:04
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 21:33:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 21:29:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	174025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	39406	22.385	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	44.760%#		
35) Dibromofluoromethane	7.722	113	36009	21.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	43.420%#		
50) Toluene-d8	10.179	98	135242	22.384	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	44.760%#		
62) 4-Bromofluorobenzene	12.483	95	47129	21.371	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	42.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28502	25.139	ug/l	99
3) Chloromethane	2.119	50	37658	22.458	ug/l	94
4) Vinyl Chloride	2.253	62	43933	22.346	ug/l	99
5) Bromomethane	2.644	94	31272	21.580	ug/l	99
6) Chloroethane	2.790	64	30099	21.948	ug/l	97
7) Trichlorofluoromethane	3.131	101	63999	22.138	ug/l	93
8) Diethyl Ether	3.534	74	19609	20.942	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.900	101	35262	21.013	ug/l	95
10) Methyl Iodide	4.101	142	42781	21.905	ug/l	94
11) Tert butyl alcohol	4.948	59	31504	129.257	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	31977	20.858	ug/l	92
13) Acrolein	3.735	56	6842	145.691	ug/l	100
14) Allyl chloride	4.485	41	58005	21.601	ug/l	94
15) Acrylonitrile	5.168	53	55599	108.515	ug/l	98
16) Acetone	3.948	43	60155	104.710	ug/l	95
17) Carbon Disulfide	4.198	76	93091	22.018	ug/l	98
18) Methyl Acetate	4.479	43	33500	21.976	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	90431	20.717	ug/l	95
20) Methylene Chloride	4.723	84	70079	23.339	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	36793	20.879	ug/l	91
22) Diisopropyl ether	6.125	45	124569	21.195	ug/l	95
23) Vinyl Acetate	6.064	43	364095	106.369	ug/l	97
24) 1,1-Dichloroethane	6.021	63	70350	20.500	ug/l	99
25) 2-Butanone	6.990	43	83258	110.032	ug/l	91
26) 2,2-Dichloropropane	6.984	77	65654	20.558	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	42219	20.273	ug/l	97
28) Bromochloromethane	7.338	49	28821	20.876	ug/l #	98
29) Tetrahydrofuran	7.350	42	47416	111.388	ug/l	95
30) Chloroform	7.509	83	74073	20.775	ug/l	99
31) Cyclohexane	7.789	56	60164	20.450	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	65423	20.496	ug/l	98
36) 1,1-Dichloropropene	7.917	75	52345	20.164	ug/l	97
37) Ethyl Acetate	7.076	43	33924	22.930	ug/l	97
38) Carbon Tetrachloride	7.905	117	58758	20.323	ug/l	97
39) Methylcyclohexane	9.185	83	59494	20.515	ug/l	93
40) Benzene	8.161	78	159070	21.019	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	14949m	21.747	ug/l	
42) 1,2-Dichloroethane	8.240	62	48459	20.747	ug/l	94
43) Isopropyl Acetate	8.277	43	56399	21.078	ug/l	94
44) Trichloroethene	8.941	130	41370	20.322	ug/l	96
45) 1,2-Dichloropropane	9.216	63	40469	20.894	ug/l	97
46) Dibromomethane	9.307	93	22583	20.839	ug/l	97
47) Bromodichloromethane	9.496	83	56104	20.571	ug/l	99
48) Methyl methacrylate	9.295	41	24885	20.903	ug/l #	89
49) 1,4-Dioxane	9.301	88	6042	453.839	ug/l	86
51) 4-Methyl-2-Pentanone	10.075	43	161249	108.262	ug/l	96
52) Toluene	10.246	92	98219	20.563	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	55452	20.363	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	62589	20.381	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	31622	20.527	ug/l	98
56) Ethyl methacrylate	10.508	69	39419	20.404	ug/l	89
57) 1,3-Dichloropropane	10.795	76	55448	21.037	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	99867	105.439	ug/l	98
59) 2-Hexanone	10.831	43	117310	110.133	ug/l	97
60) Dibromochloromethane	10.984	129	39017	20.563	ug/l	99
61) 1,2-Dibromoethane	11.093	107	29347	20.718	ug/l	99
64) Tetrachloroethene	10.721	164	41556	20.080	ug/l	97
65) Chlorobenzene	11.520	112	108084	20.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	41023	20.429	ug/l	98
67) Ethyl Benzene	11.593	91	190027	19.970	ug/l	98
68) m/p-Xylenes	11.703	106	147680	40.652	ug/l	97
69) o-Xylene	12.032	106	67648	19.964	ug/l	97
70) Styrene	12.044	104	117442	20.399	ug/l	97
71) Bromoform	12.209	173	25521	20.871	ug/l #	97
73) Isopropylbenzene	12.331	105	183835	19.527	ug/l	99
74) N-amyl acetate	12.148	43	47749	20.466	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	37604	20.313	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	26641m	16.495	ug/l	
77) Bromobenzene	12.611	156	44550	20.183	ug/l	97
78) n-propylbenzene	12.672	91	230097	20.006	ug/l	100
79) 2-Chlorotoluene	12.758	91	129096	19.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	158371	19.963	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13040	20.481	ug/l	94
82) 4-Chlorotoluene	12.855	91	134416	19.850	ug/l	99
83) tert-Butylbenzene	13.075	119	136546	19.734	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	158818	20.236	ug/l	99
85) sec-Butylbenzene	13.258	105	206503	19.986	ug/l	100
86) p-Isopropyltoluene	13.373	119	172859	20.065	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	88927	19.838	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	88747	19.854	ug/l	99
89) n-Butylbenzene	13.697	91	156751	19.773	ug/l	100
90) Hexachloroethane	13.965	117	33728	19.480	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	79187	19.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6185	20.208	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	42012	19.255	ug/l	98
94) Hexachlorobutadiene	15.111	225	27417	19.965	ug/l	98
95) Naphthalene	15.239	128	79081	19.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	36922	19.780	ug/l	99

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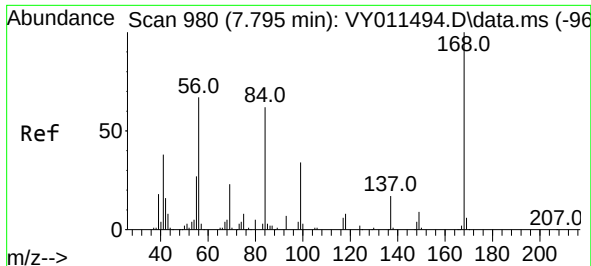
Manual Integrations
APPROVED

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



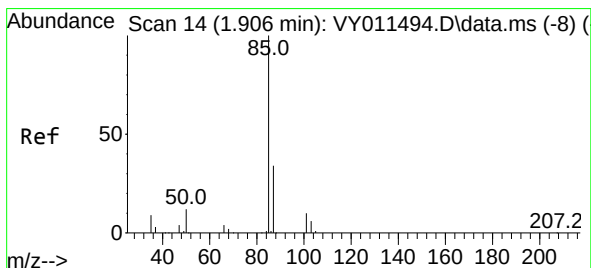
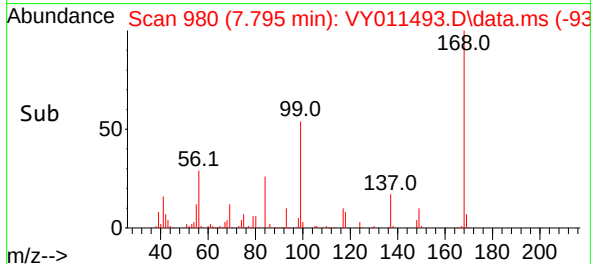
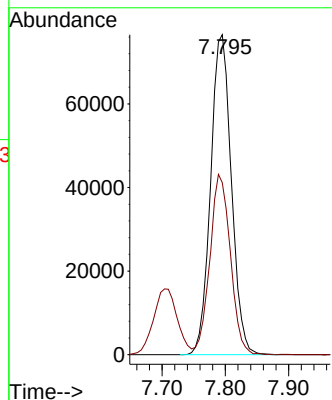
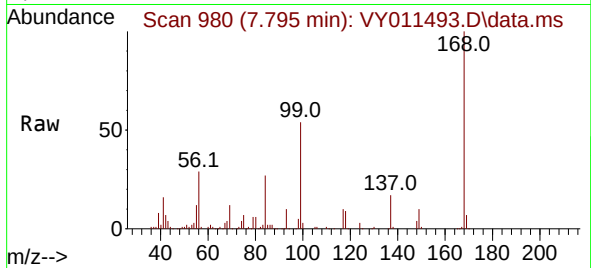
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011493.D
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Tgt Ion:168 Resp: 17402
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3

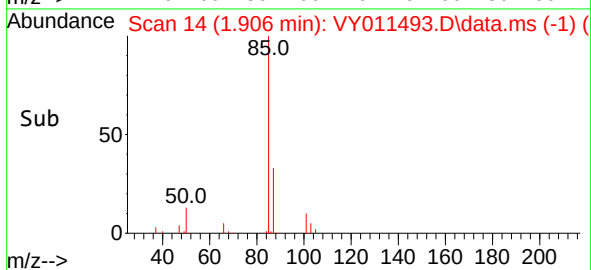
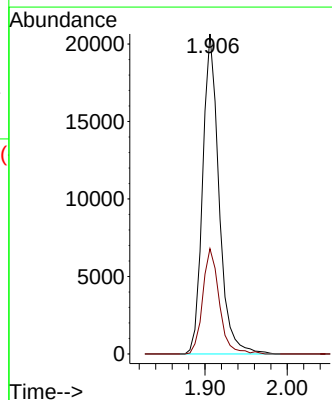
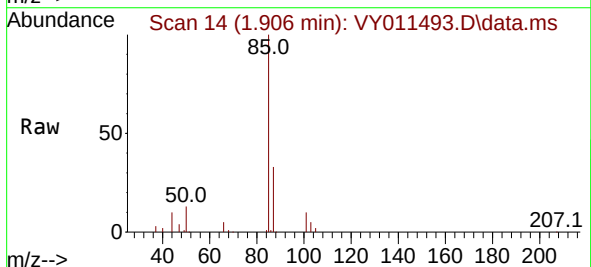
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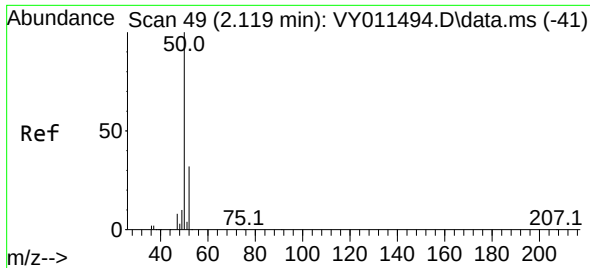
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#2
Dichlorodifluoromethane
Concen: 25.139 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

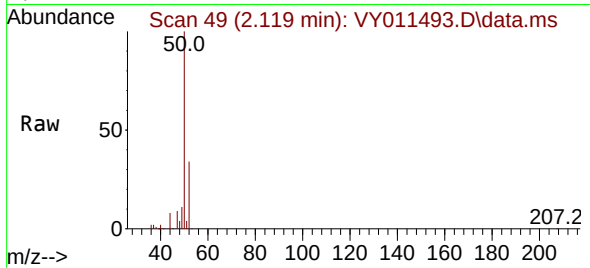
Tgt Ion: 85 Resp: 28502
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





#3
Chloromethane
Concen: 22.458 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

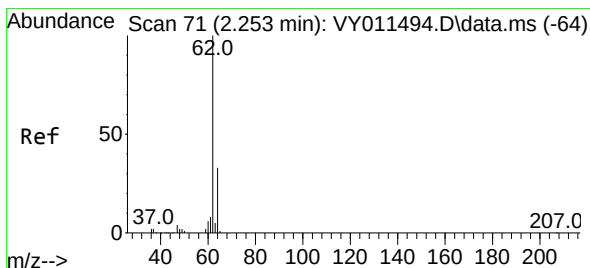
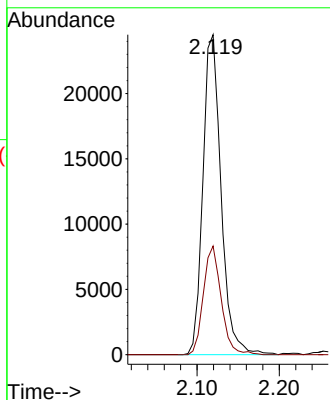
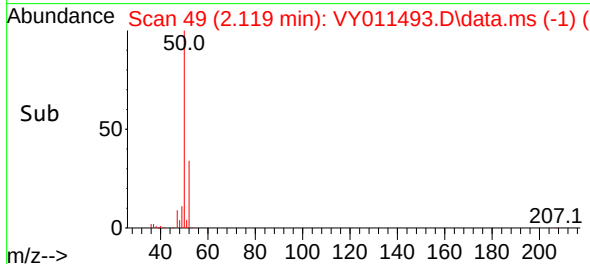
Instrument :
MSVOA_Y
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VSTDIC020



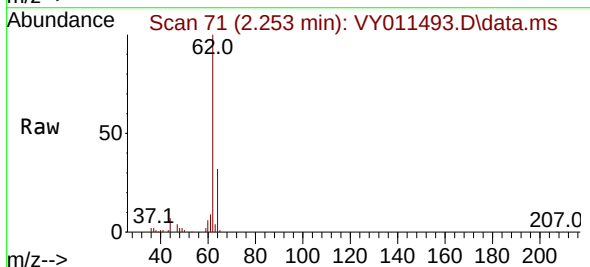
Tgt Ion: 50 Resp: 37658
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0

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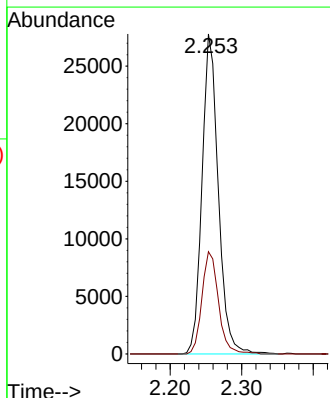
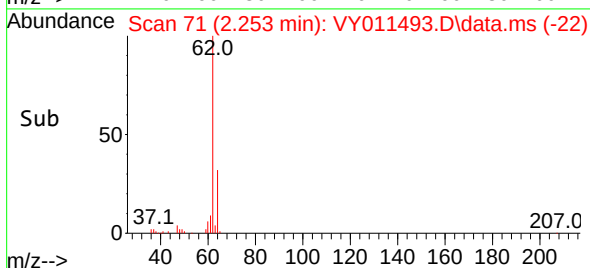
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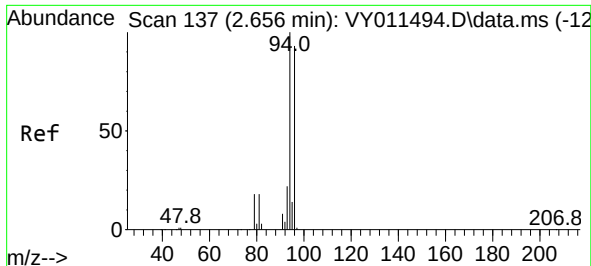


#4
Vinyl Chloride
Concen: 22.346 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04



Tgt Ion: 62 Resp: 43933
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6





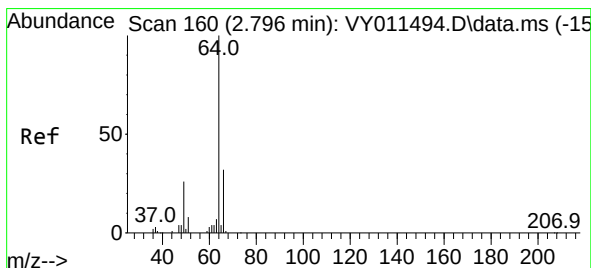
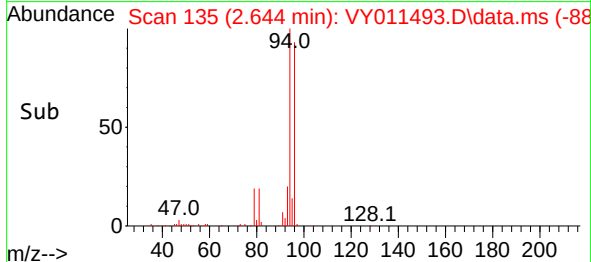
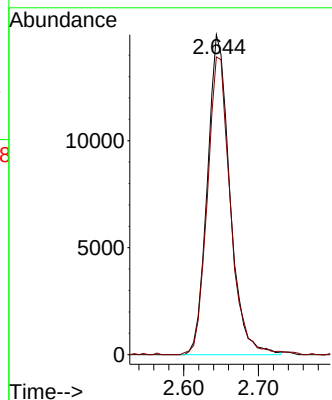
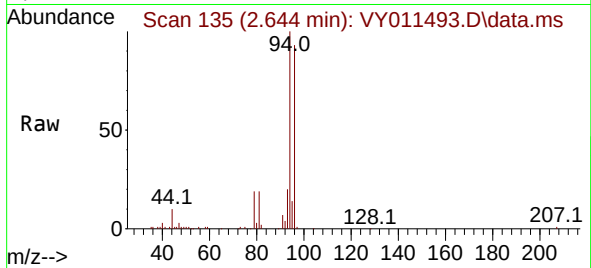
#5
Bromomethane
Concen: 21.580 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 3127
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3

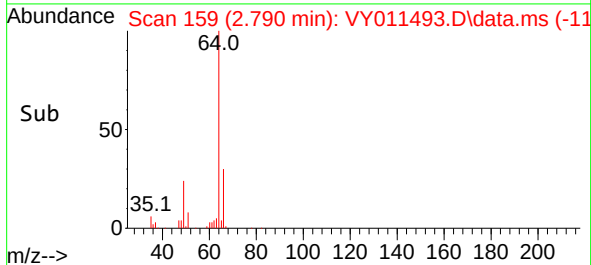
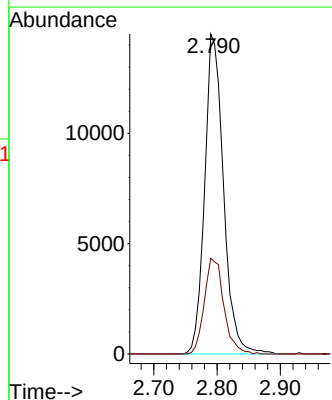
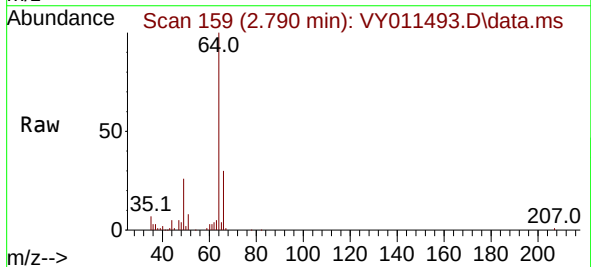
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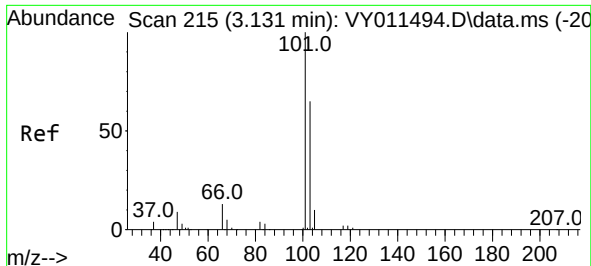
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#6
Chloroethane
Concen: 21.948 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

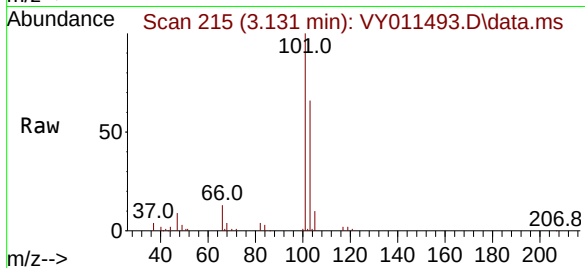
Tgt Ion: 64 Resp: 30099
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 22.138 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY011493.D
 Acq: 18 Nov 2022 11:04

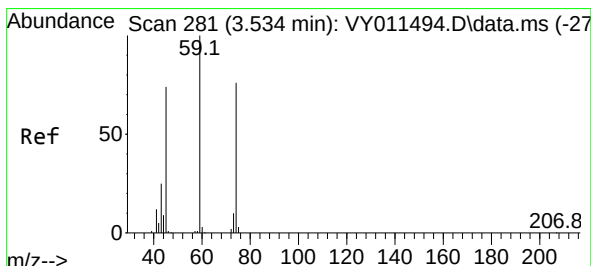
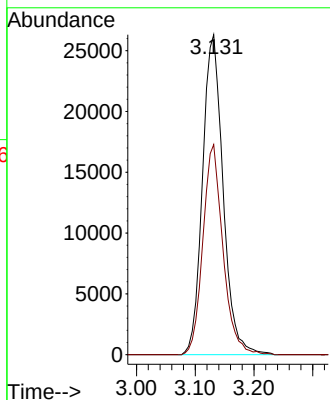
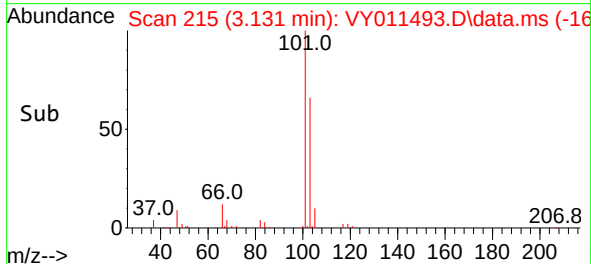
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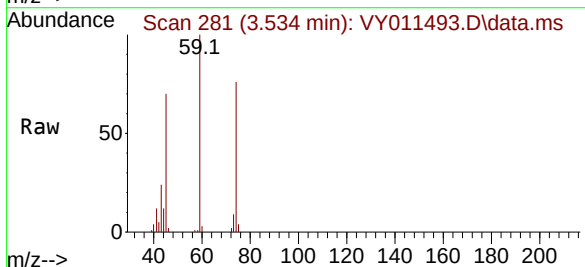
Tgt Ion: 101 Resp: 6399
 Ion Ratio Lower Upper
 101 100
 103 65.7 48.0 72.0

Manual Integrations
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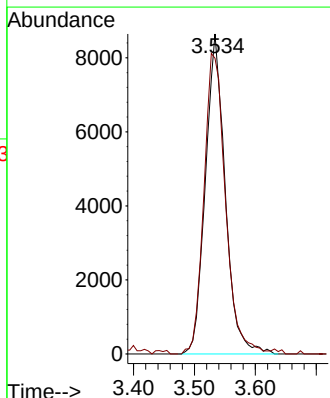
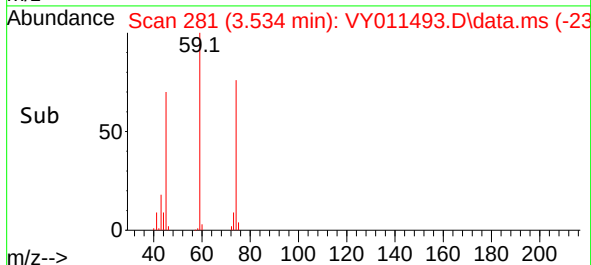
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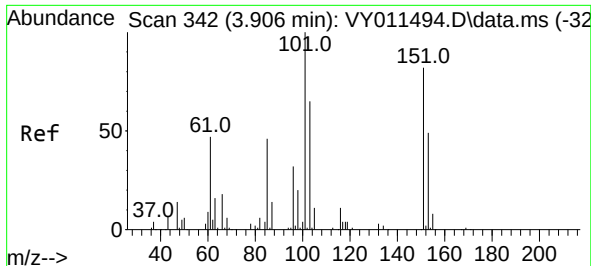


#8
 Diethyl Ether
 Concen: 20.942 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 19609
 Ion Ratio Lower Upper
 74 100
 45 102.1 55.1 165.5





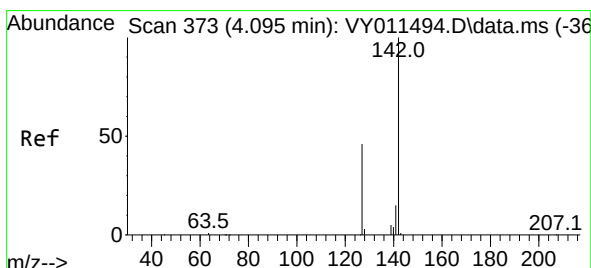
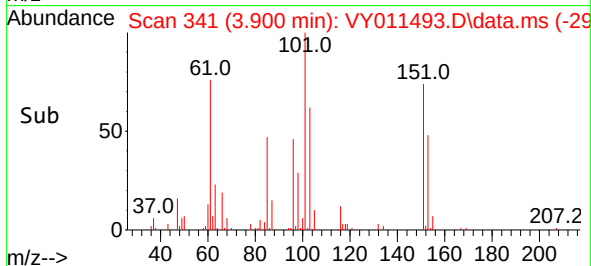
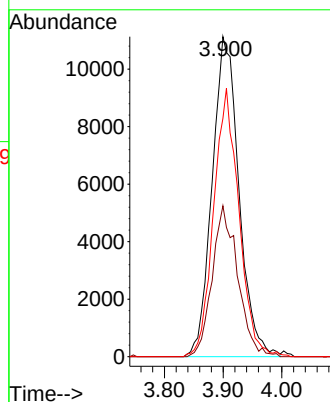
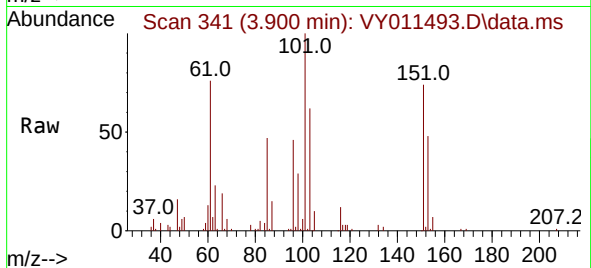
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1,1,2-Trichlorotrifluoroethane
Concen: 21.013 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY011493.D
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MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3526
Ion Ratio Lower Upper
101 100
85 45.0 40.6 60.8
151 79.0 64.9 97.3

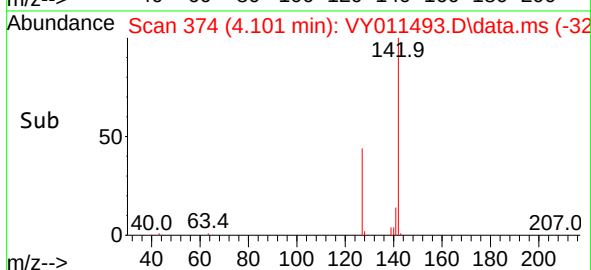
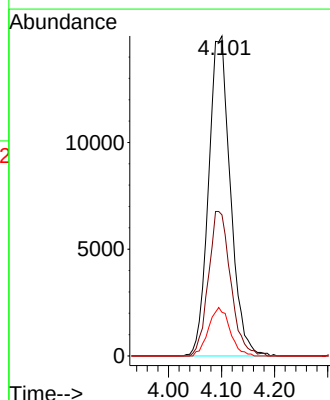
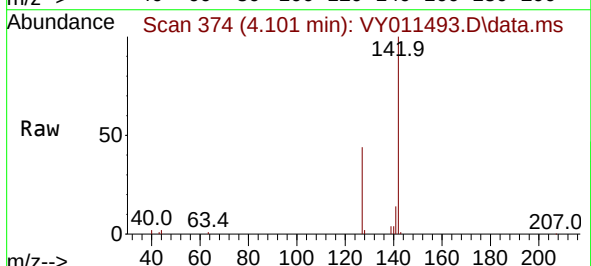
Manual Integrations
APPROVED

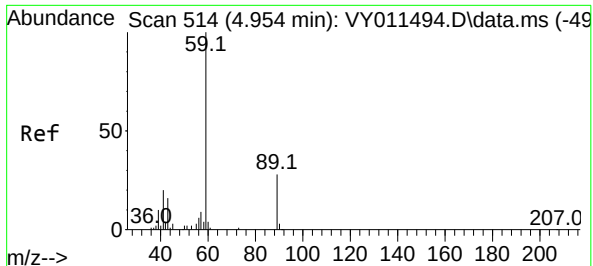
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#10
Methyl Iodide
Concen: 21.905 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion:142 Resp: 42781
Ion Ratio Lower Upper
142 100
127 46.0 41.5 62.3
141 14.9 11.9 17.9





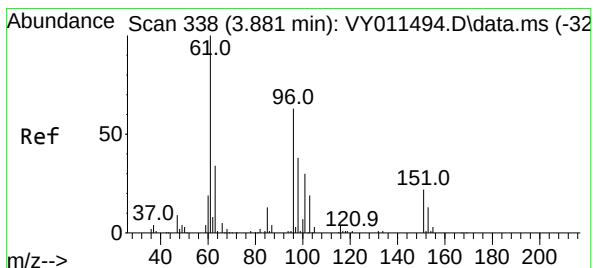
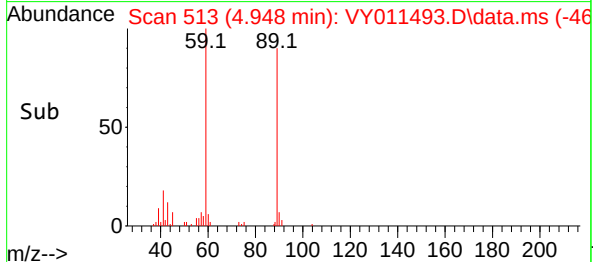
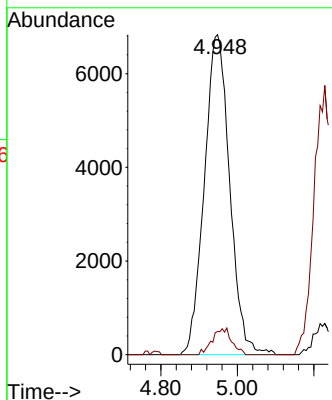
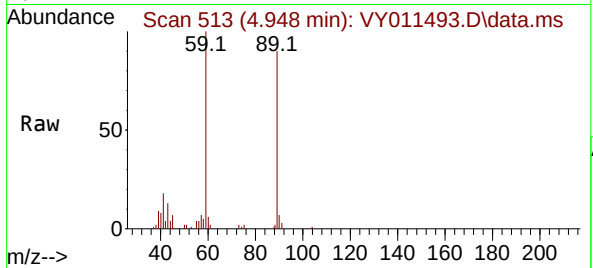
#11
Tert butyl alcohol
Concen: 129.257 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 31504
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6

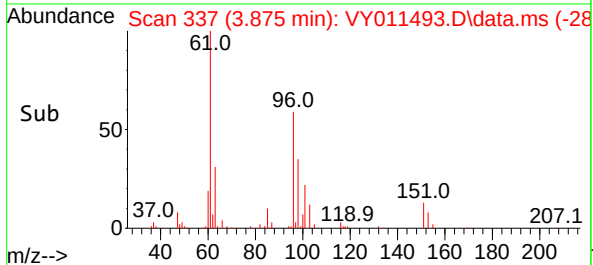
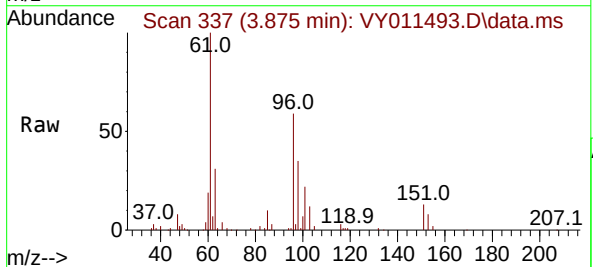
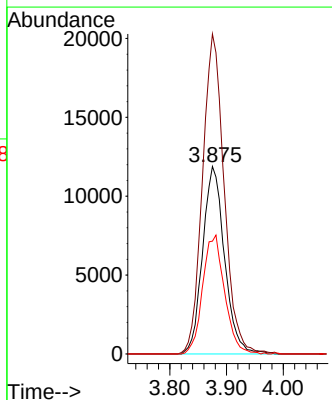
Manual Integrations
APPROVED

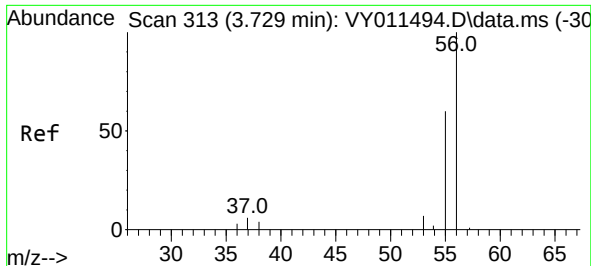
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#12
1,1-Dichloroethene
Concen: 20.858 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 96 Resp: 31977
Ion Ratio Lower Upper
96 100
61 170.7 145.8 218.6
98 60.2 52.5 78.7





#13

Acrolein

Concen: 145.691 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 684

Ion Ratio Lower Upper

56 100

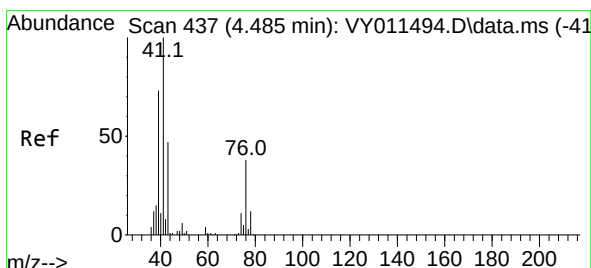
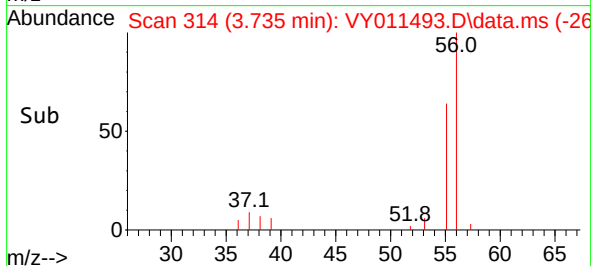
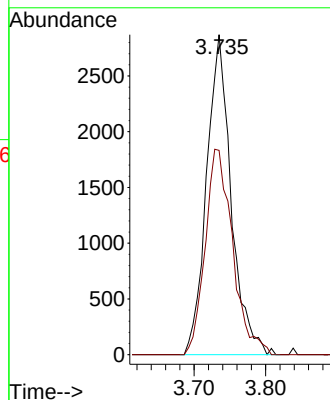
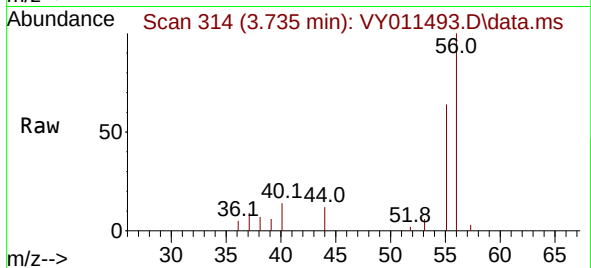
55 71.9 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#14

Allyl chloride

Concen: 21.601 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

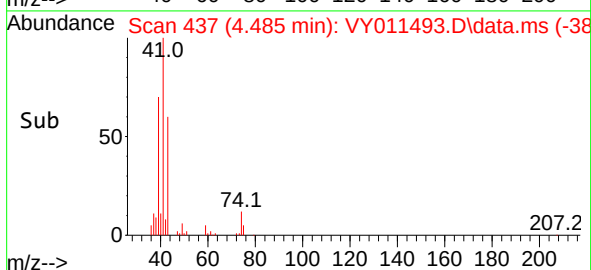
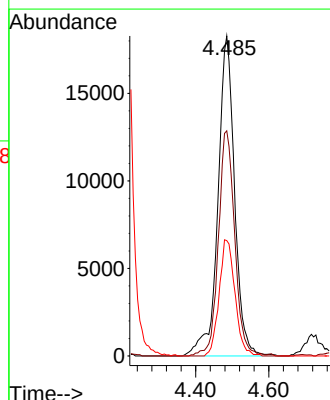
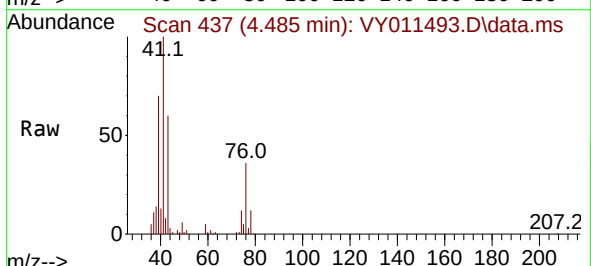
Tgt Ion: 41 Resp: 58005

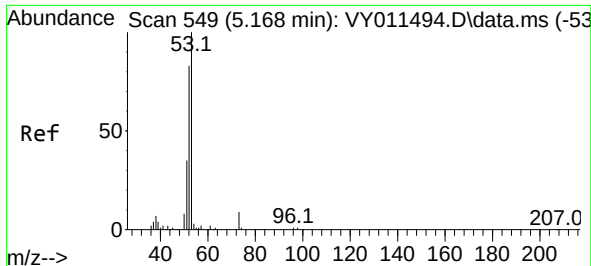
Ion Ratio Lower Upper

41 100

39 68.9 58.8 88.2

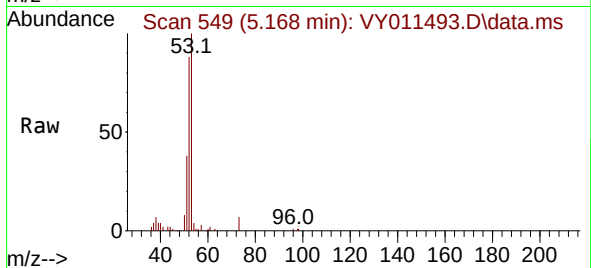
76 34.6 25.1 37.7





#15
Acrylonitrile
Concen: 108.515 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

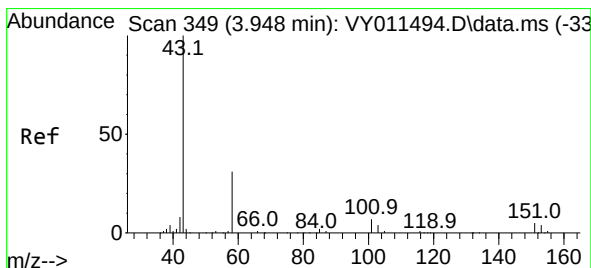
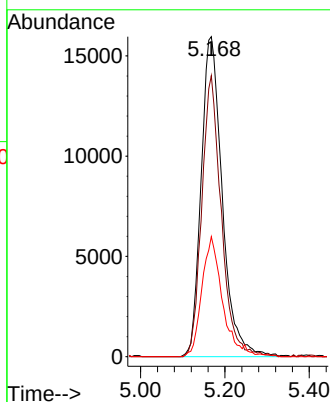
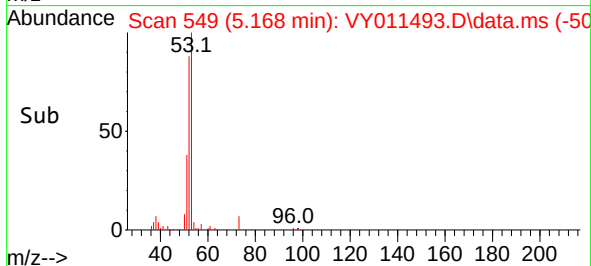
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 5559
Ion Ratio Lower Upper
53 100
52 81.1 67.0 100.4
51 36.9 29.8 44.6

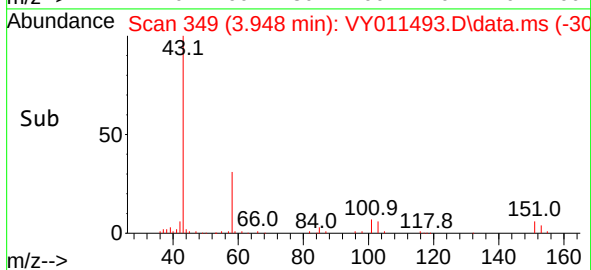
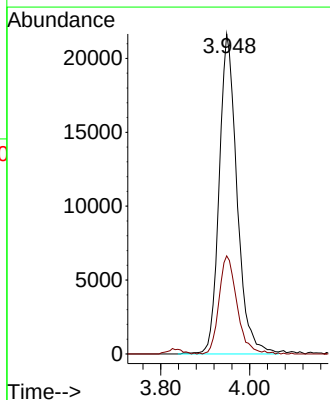
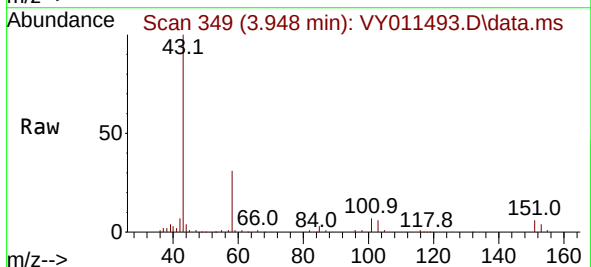
Manual Integrations
APPROVED

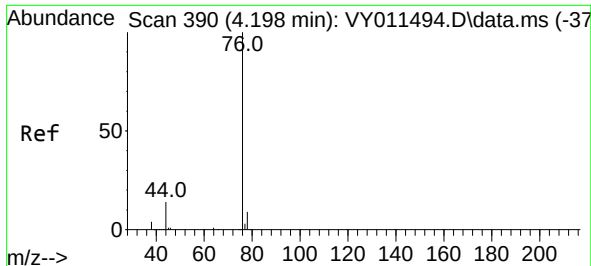
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
Acetone
Concen: 104.710 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 43 Resp: 60155
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0





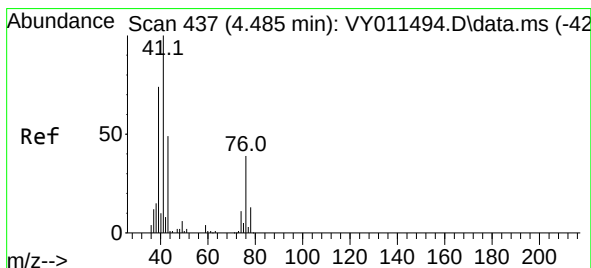
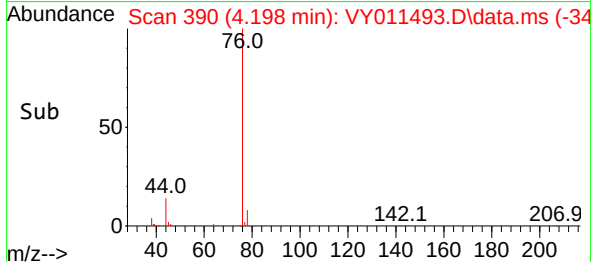
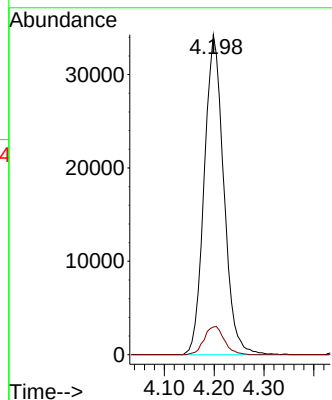
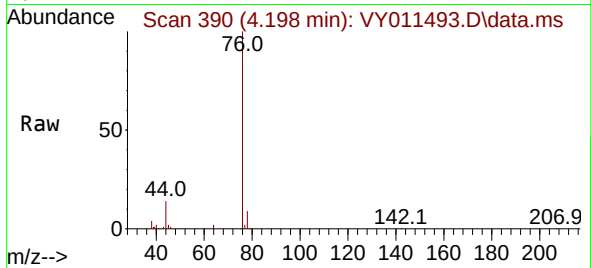
#17
Carbon Disulfide
Concen: 22.018 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 9309
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

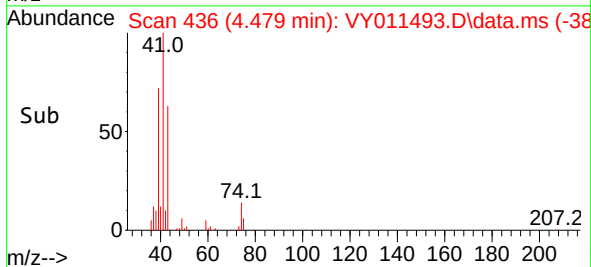
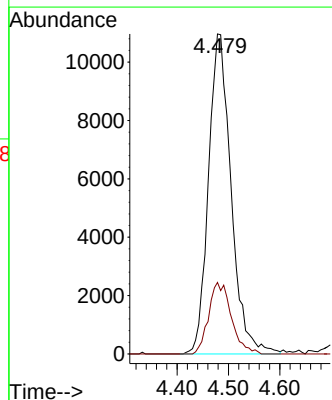
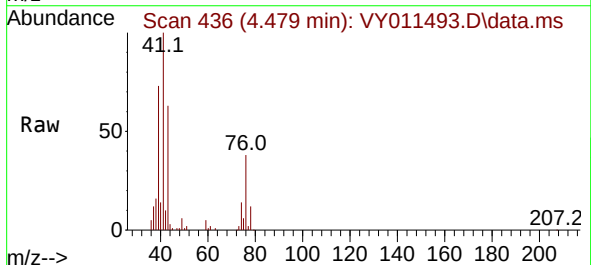
Manual Integrations
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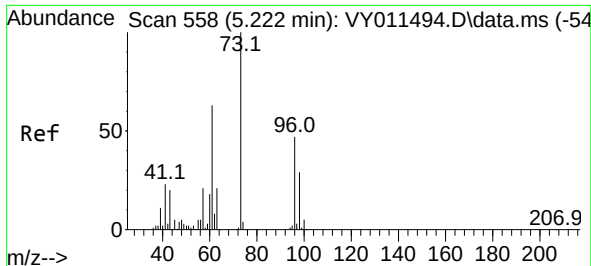
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#18
Methyl Acetate
Concen: 21.976 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 43 Resp: 33500
Ion Ratio Lower Upper
43 100
74 22.4 16.6 24.8





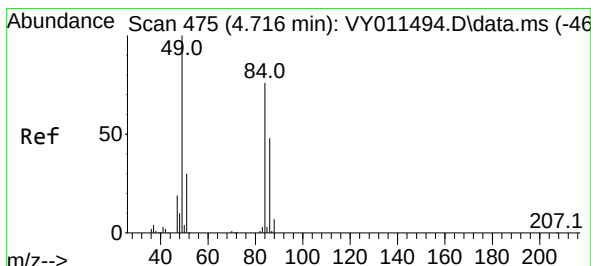
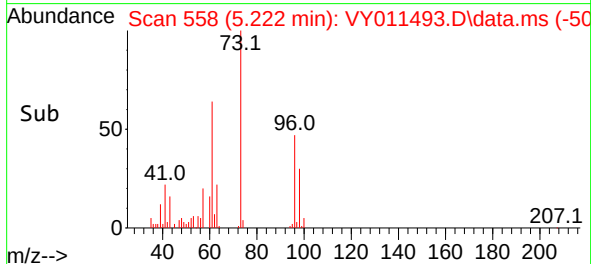
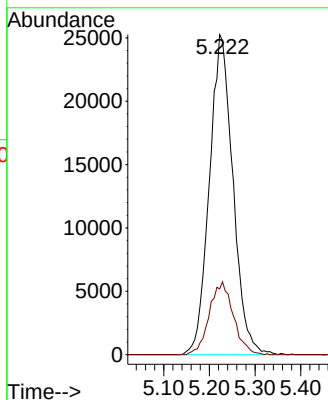
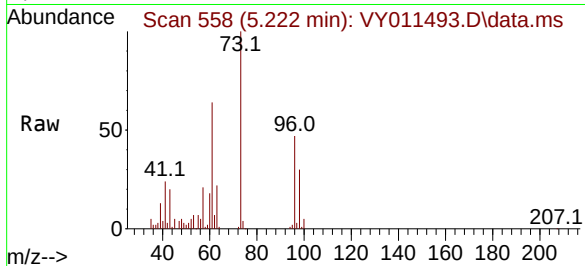
#19
Methyl tert-butyl Ether
Concen: 20.717 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 9043
Ion Ratio Lower Upper
73 100
57 20.5 18.6 27.8

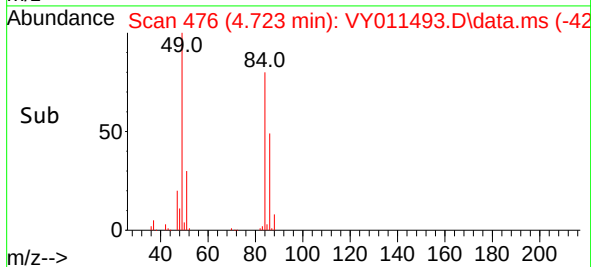
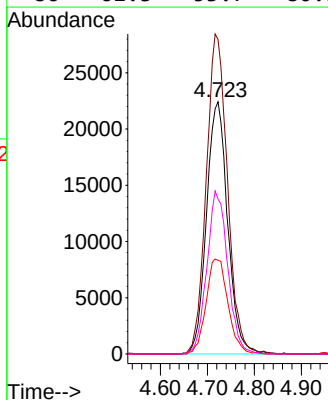
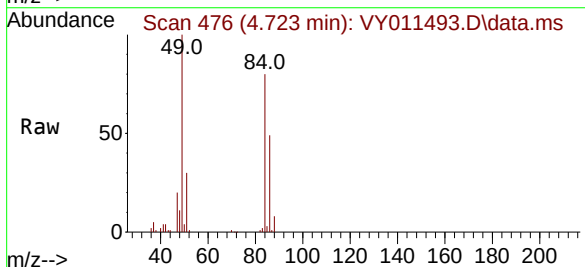
Manual Integrations
APPROVED

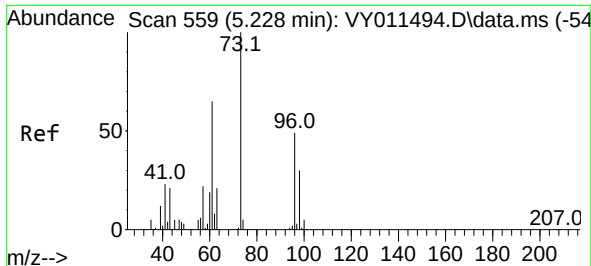
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 23.339 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 84 Resp: 70079
Ion Ratio Lower Upper
84 100
49 124.7 114.4 171.6
51 37.2 35.3 52.9
86 61.3 53.7 80.5





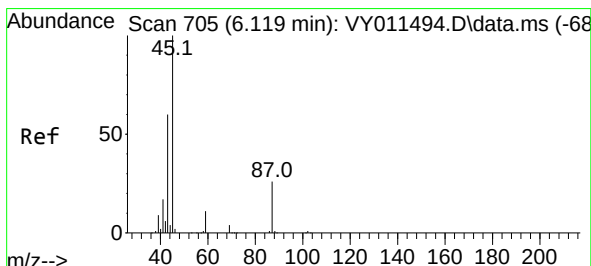
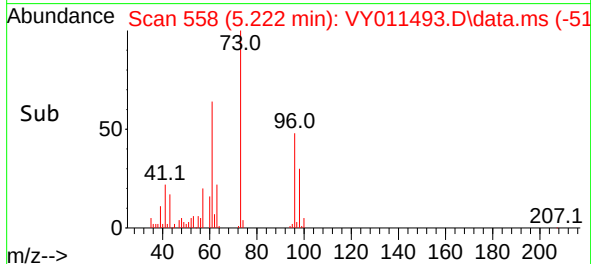
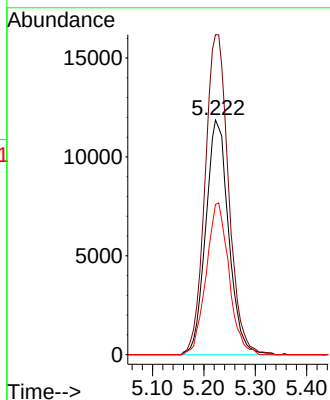
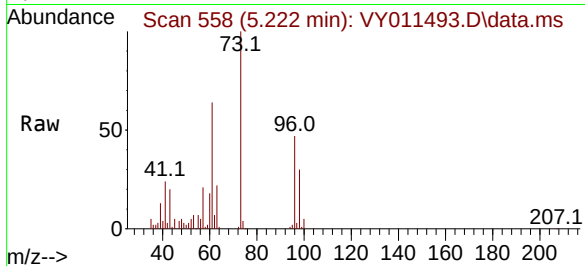
#21
trans-1,2-Dichloroethene
Concen: 20.879 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 3679
Ion Ratio Lower Upper
96 100
61 136.3 120.5 180.7
98 64.0 49.8 74.8

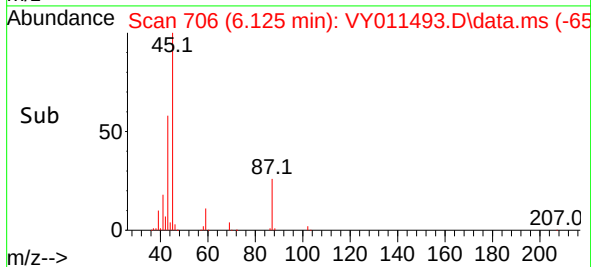
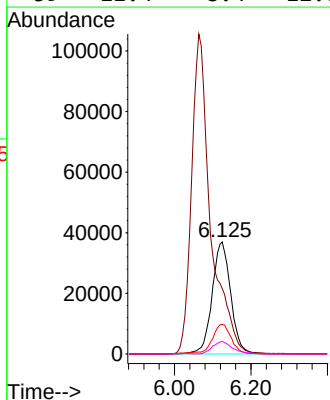
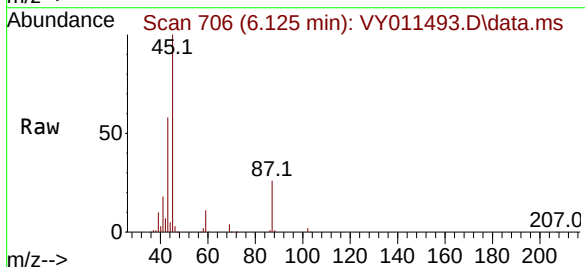
Manual Integrations
APPROVED

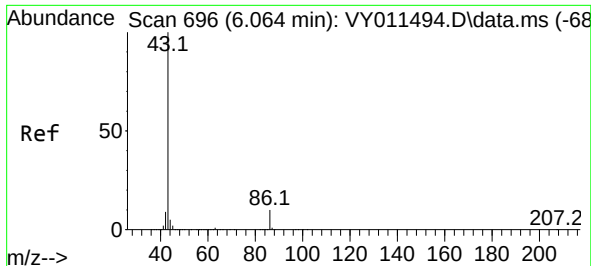
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#22
Diisopropyl ether
Concen: 21.195 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

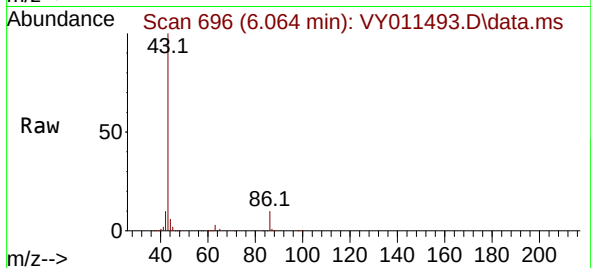
Tgt Ion: 45 Resp: 124569
Ion Ratio Lower Upper
45 100
43 57.7 49.3 73.9
87 26.2 19.2 28.8
59 11.4 8.4 12.6





#23
 Vinyl Acetate
 Concen: 106.369 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY011493.D
 Acq: 18 Nov 2022 11:04

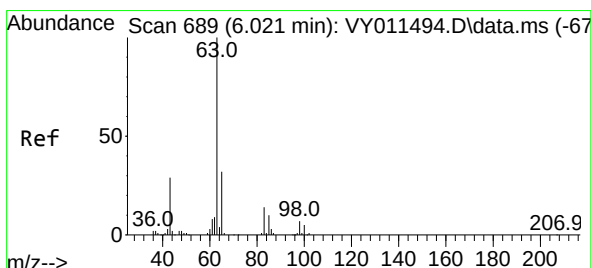
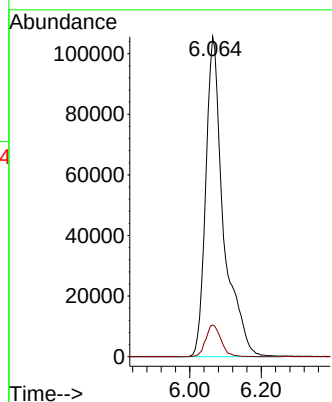
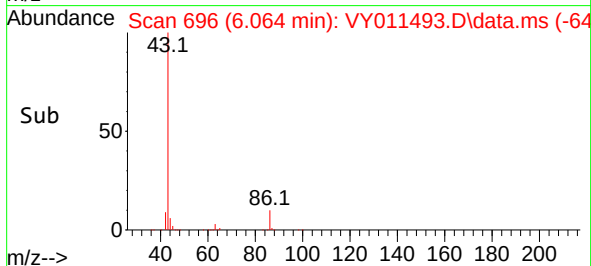
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



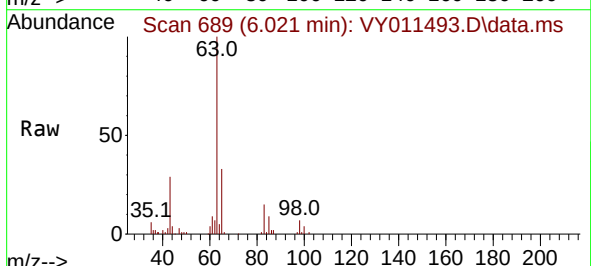
Tgt Ion: 43 Resp: 36409
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.1 10.7

Manual Integrations
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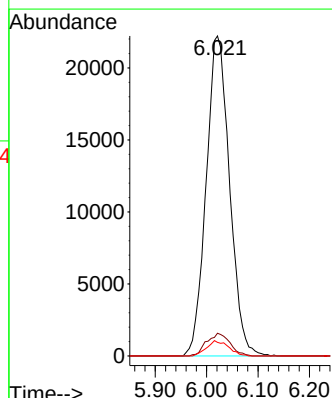
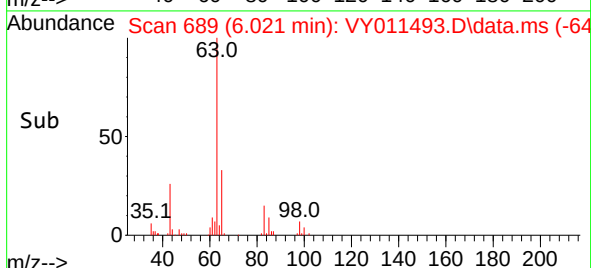
Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

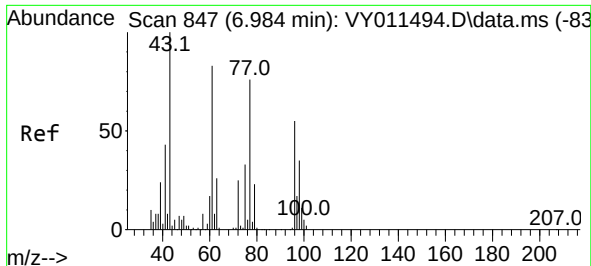


#24
 1,1-Dichloroethane
 Concen: 20.500 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY011493.D
 Acq: 18 Nov 2022 11:04



Tgt Ion: 63 Resp: 70350
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 110.032 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 83258

Ion Ratio Lower Upper

43 100

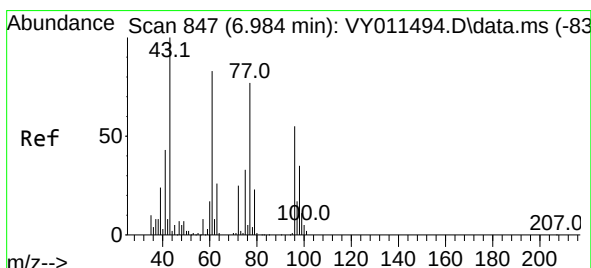
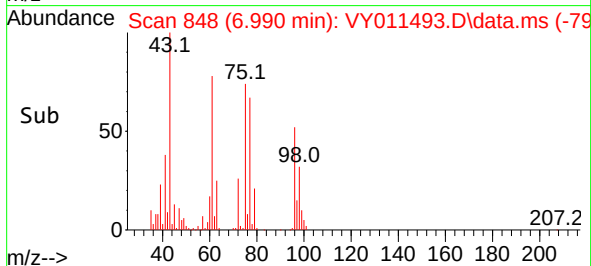
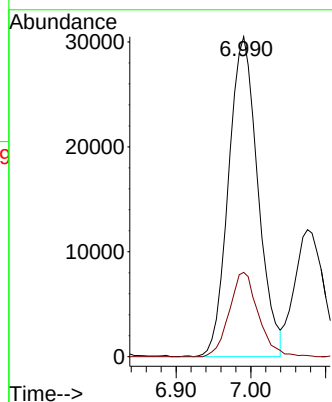
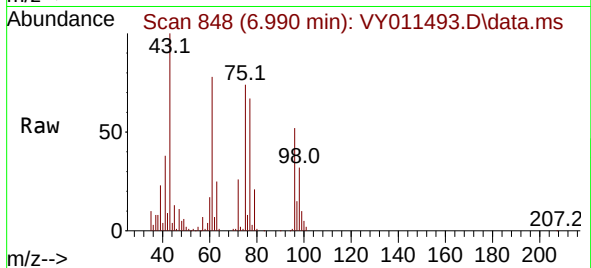
72 26.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#26

2,2-Dichloropropane

Concen: 20.558 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011493.D

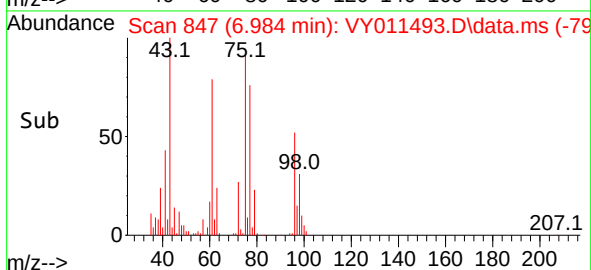
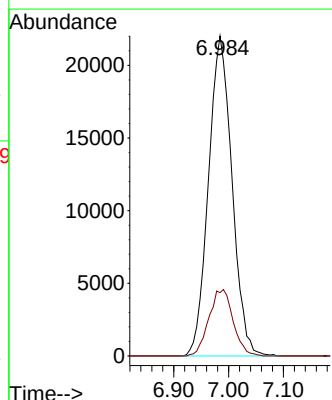
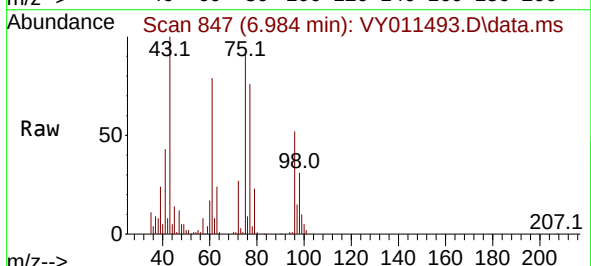
Acq: 18 Nov 2022 11:04

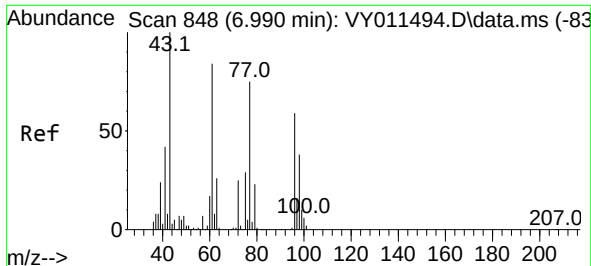
Tgt Ion: 77 Resp: 65654

Ion Ratio Lower Upper

77 100

97 21.3 10.4 31.4





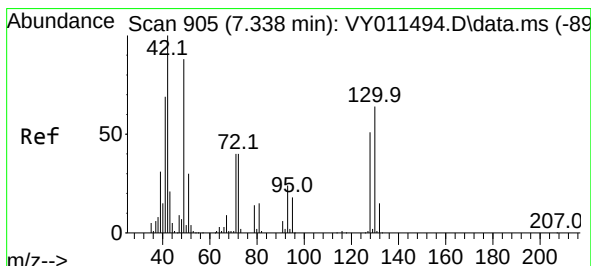
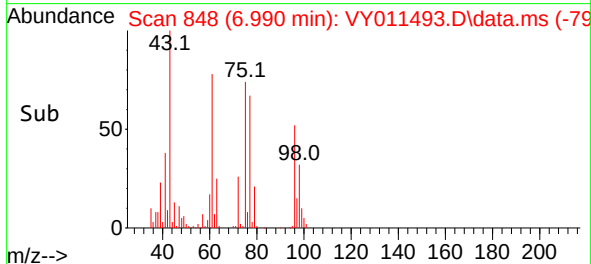
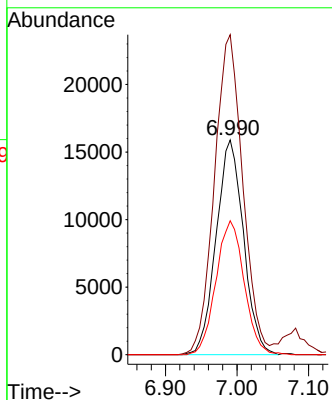
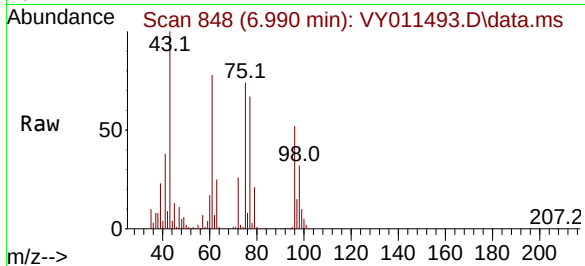
#27
 cis-1,2-Dichloroethene
 Concen: 20.273 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY011493.D
 Acq: 18 Nov 2022 11:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 42219
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 319.8
 98 64.3 0.0 127.0

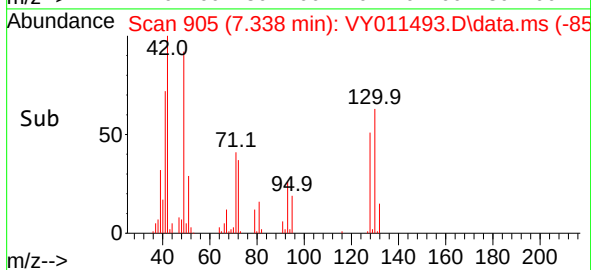
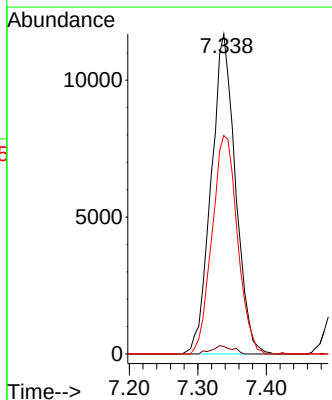
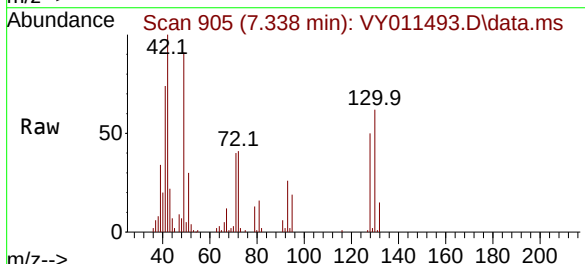
Manual Integrations
 APPROVED

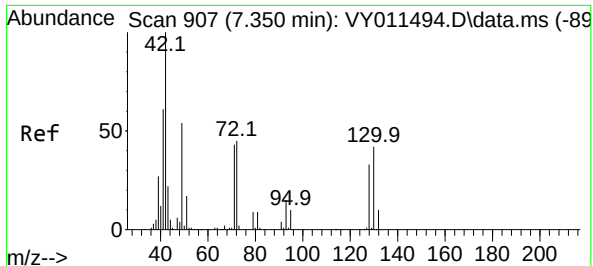
Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#28
 Bromochloromethane
 Concen: 20.876 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY011493.D
 Acq: 18 Nov 2022 11:04

Tgt Ion: 49 Resp: 28821
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2#
 130 71.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 111.388 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

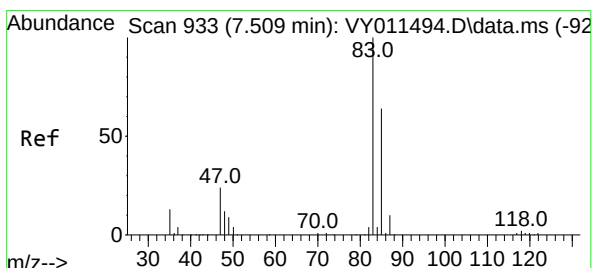
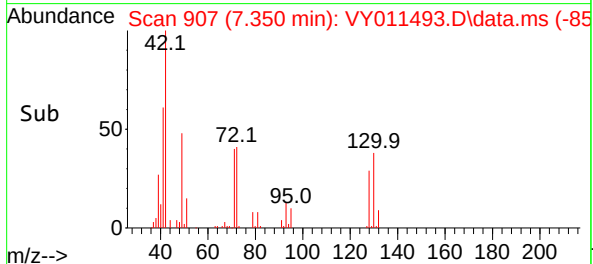
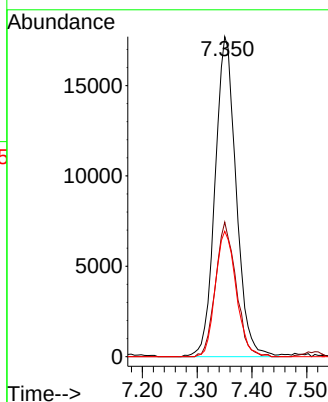
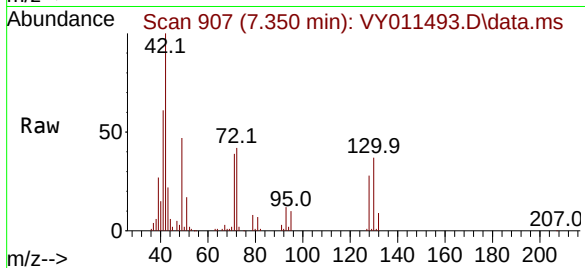
Tgt Ion:	42	Resp:	47410
Ion Ratio	Lower	Upper	
42	100		
72	40.7	30.3	45.5
71	38.7	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#30

Chloroform

Concen: 20.775 ug/l

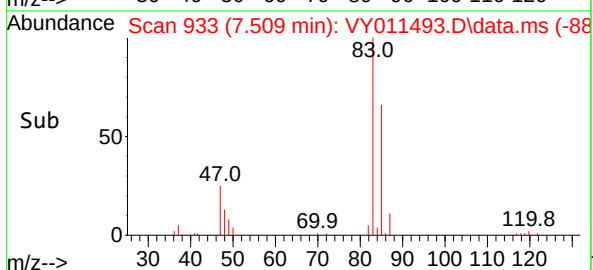
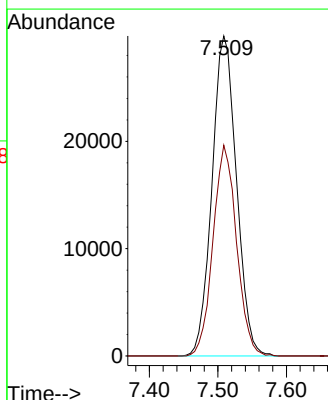
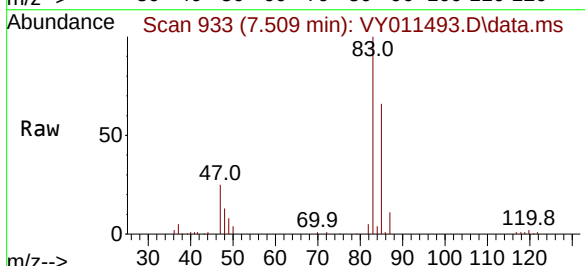
RT: 7.509 min Scan# 933

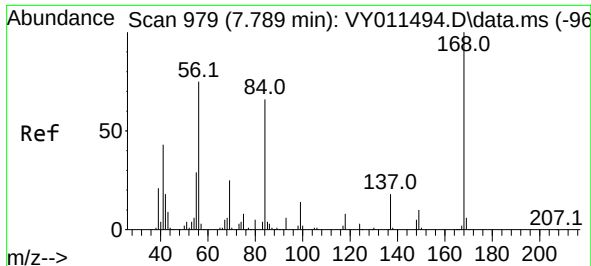
Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

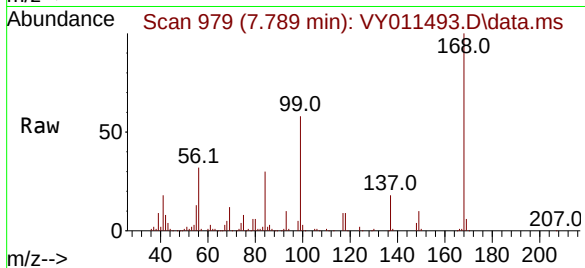
Tgt Ion:	83	Resp:	74073
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.8	77.6





#31
Cyclohexane
Concen: 20.450 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

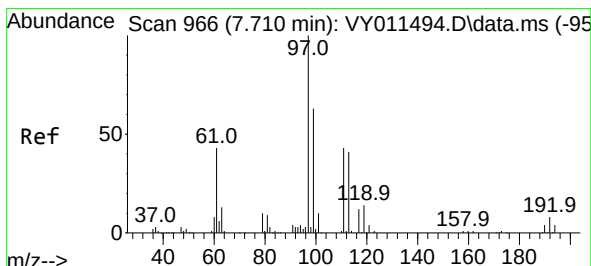
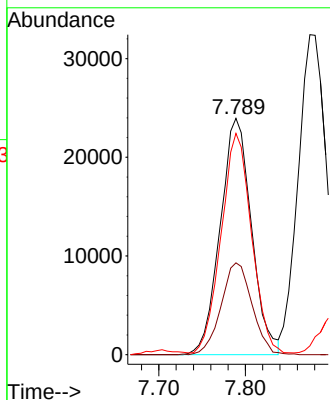
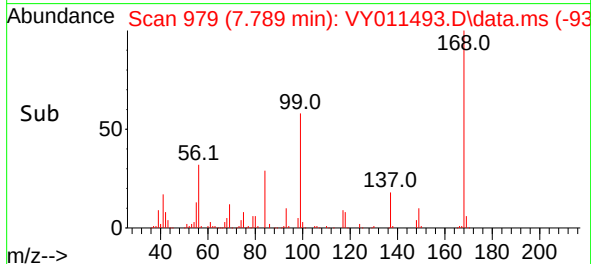
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



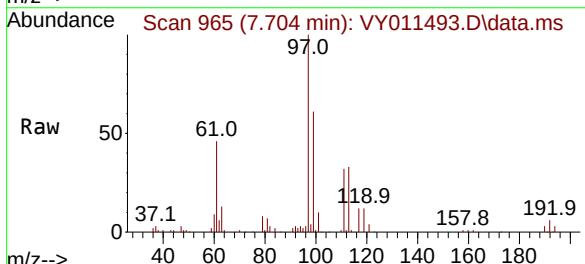
Tgt Ion: 56 Resp: 60164
Ion Ratio Lower Upper
56 100
69 38.9 26.7 40.1
84 92.4 67.2 100.8

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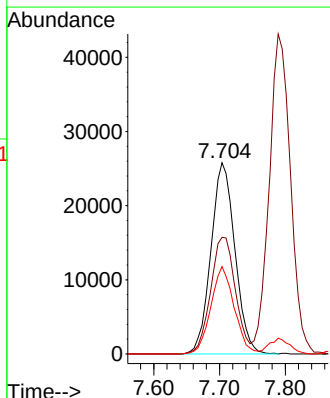
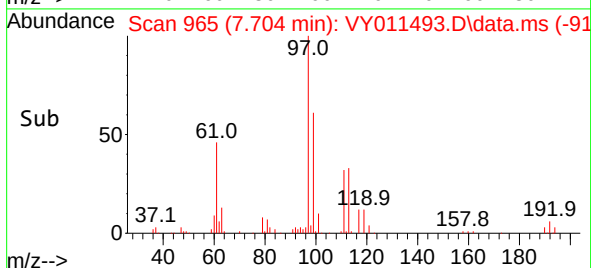
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

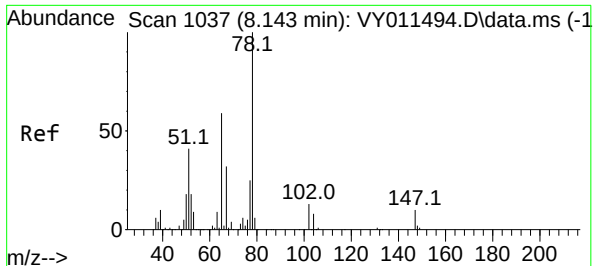


#32
1,1,1-Trichloroethane
Concen: 20.496 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04



Tgt Ion: 97 Resp: 65423
Ion Ratio Lower Upper
97 100
99 63.0 50.7 76.1
61 44.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 22.385 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 39400

Ion Ratio Lower Upper

65 100

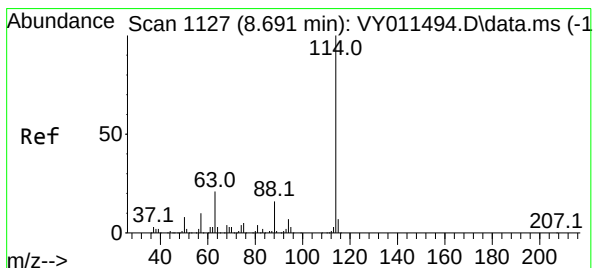
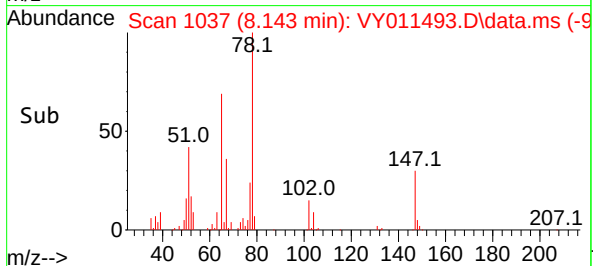
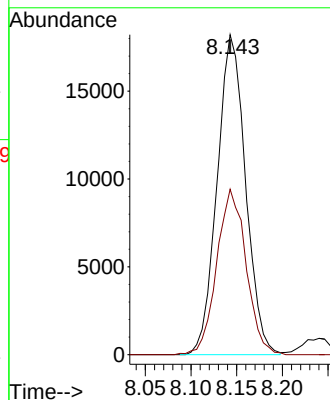
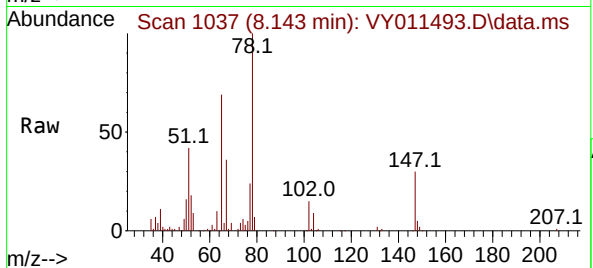
67 53.3 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

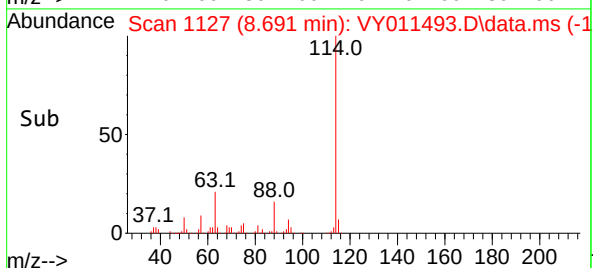
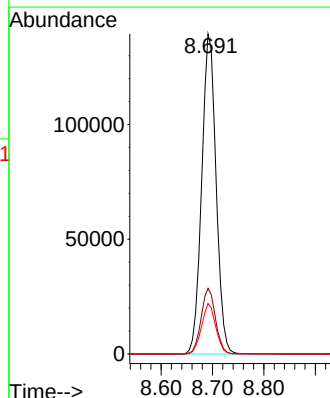
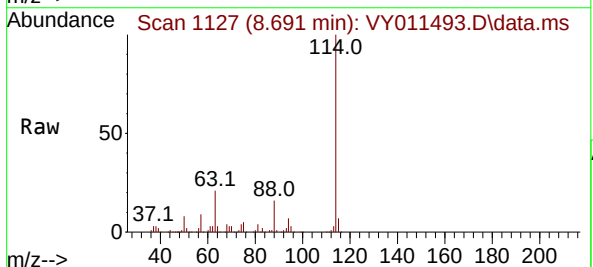
Tgt Ion:114 Resp: 270449

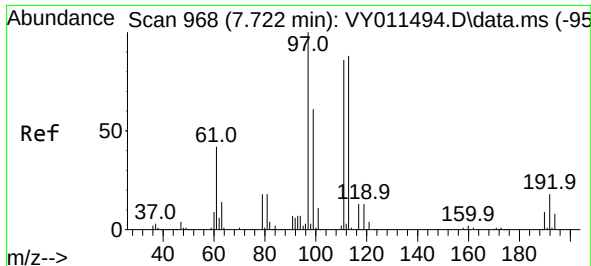
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

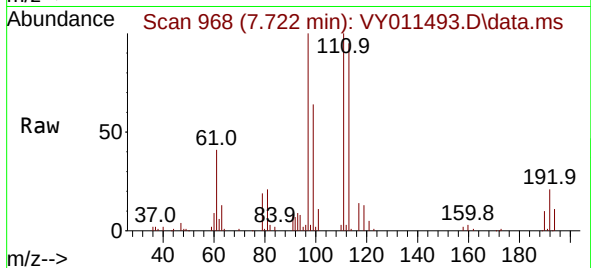
88 15.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 21.708 ug/l
RT: 7.722 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

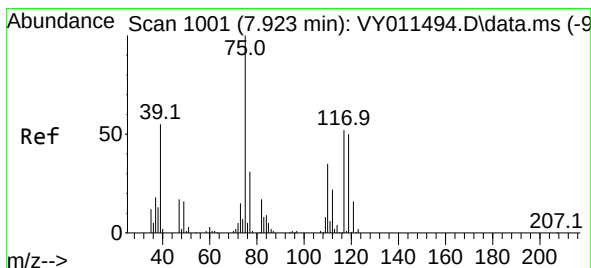
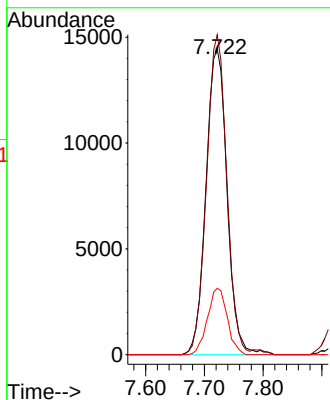
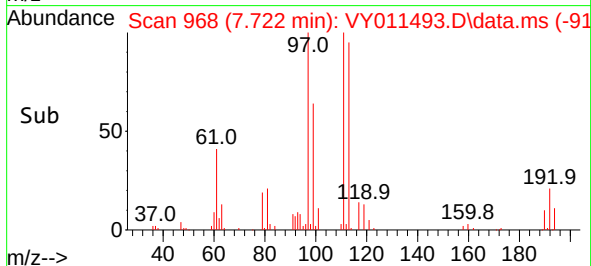
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



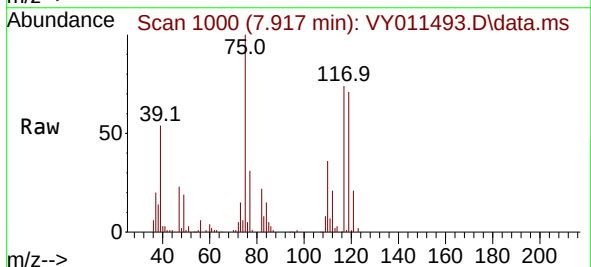
Tgt Ion:113 Resp: 36009
Ion Ratio Lower Upper
113 100
111 100.1 82.6 124.0
192 20.4 17.6 26.4

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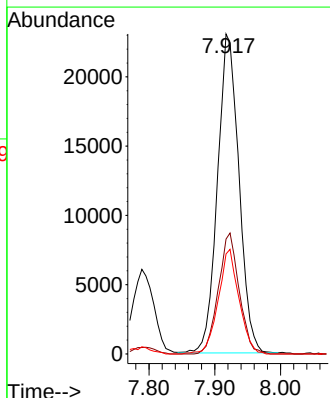
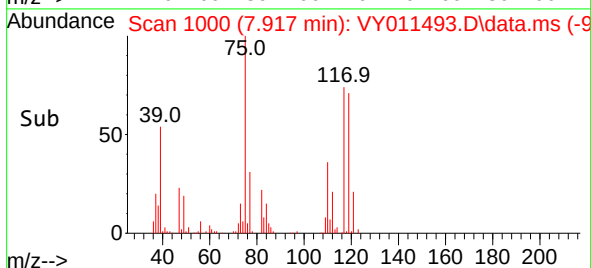
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

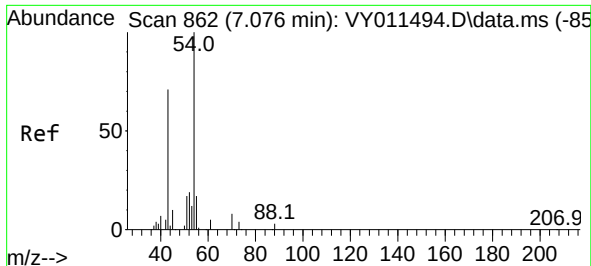


#36
1,1-Dichloropropene
Concen: 20.164 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04



Tgt Ion: 75 Resp: 52345
Ion Ratio Lower Upper
75 100
110 36.7 17.1 51.2
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 22.930 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

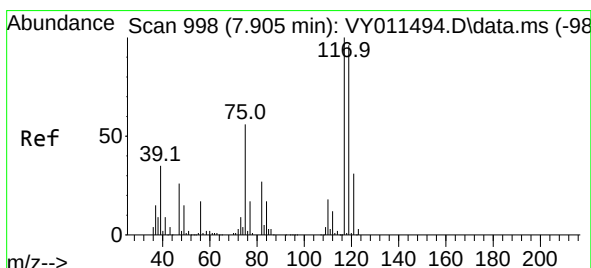
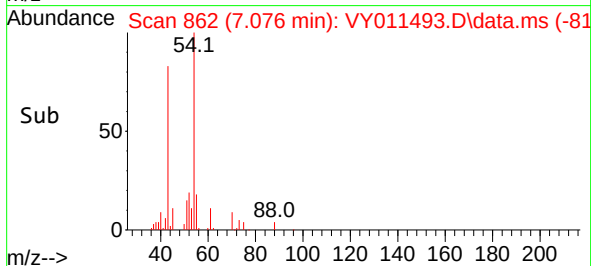
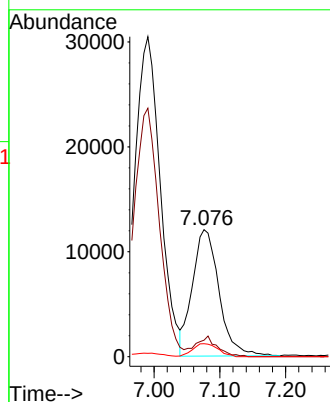
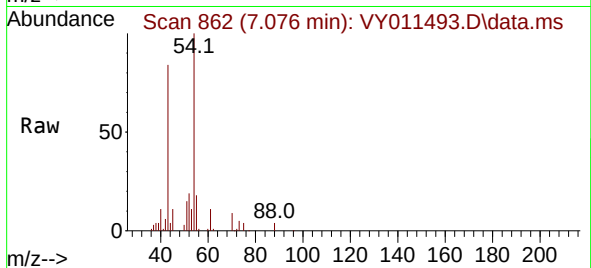
Tgt Ion:	43	Resp:	33924
Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.7	14.5
70	9.8	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#38

Carbon Tetrachloride

Concen: 20.323 ug/l

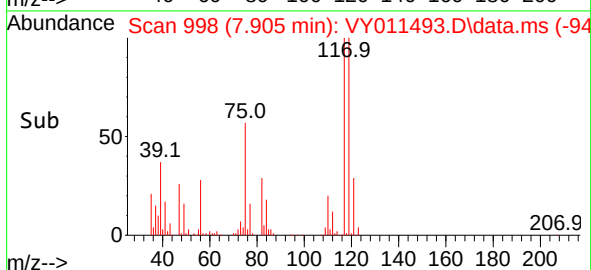
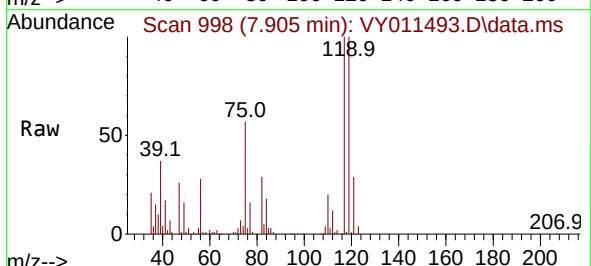
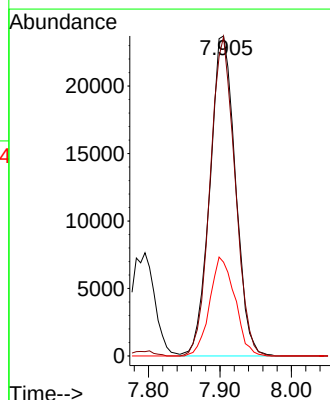
RT: 7.905 min Scan# 998

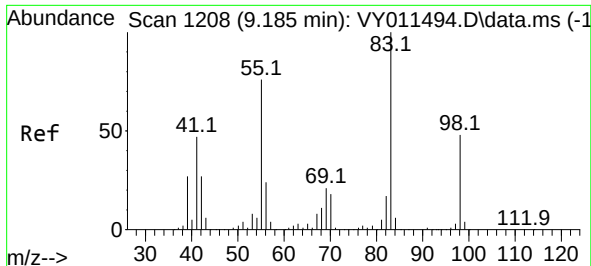
Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion:	117	Resp:	58758
Ion	Ratio	Lower	Upper
117	100		
119	99.8	77.9	116.9
121	29.3	24.8	37.2





#39

Methylcyclohexane

Concen: 20.515 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 59494

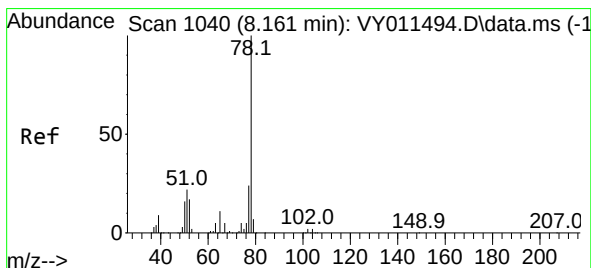
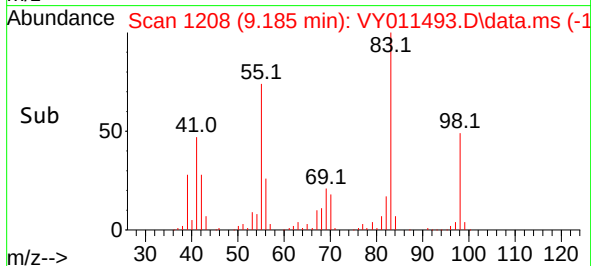
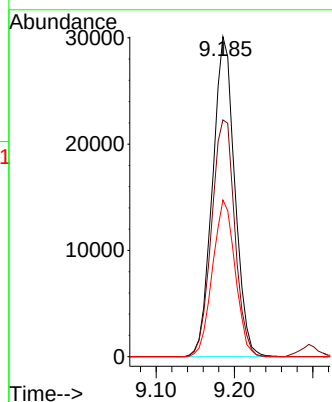
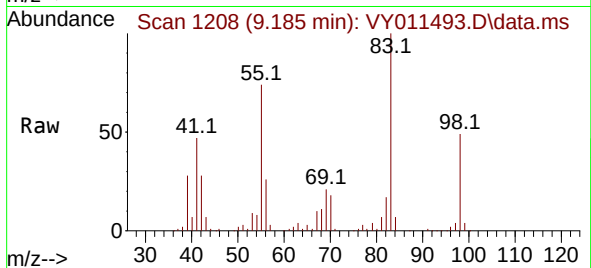
Ion	Ratio	Lower	Upper
83	100		
55	74.0	66.5	99.7
98	49.0	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#40

Benzene

Concen: 21.019 ug/l

RT: 8.161 min Scan# 1040

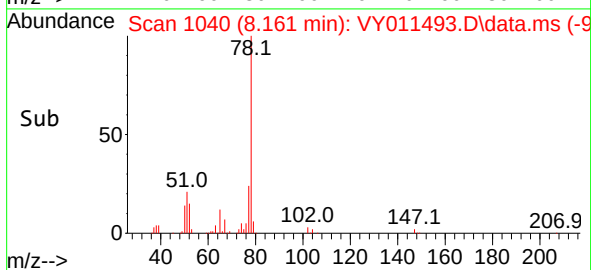
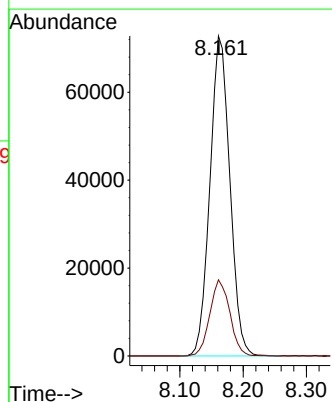
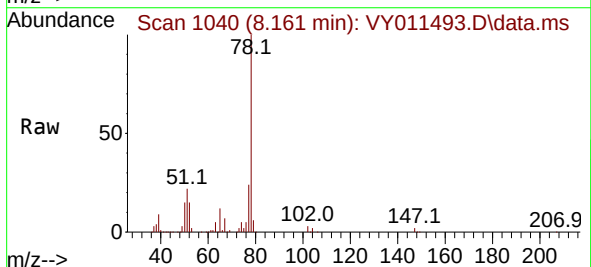
Delta R.T. 0.000 min

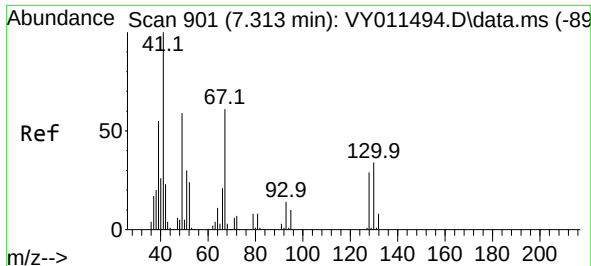
Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion: 78 Resp: 159070

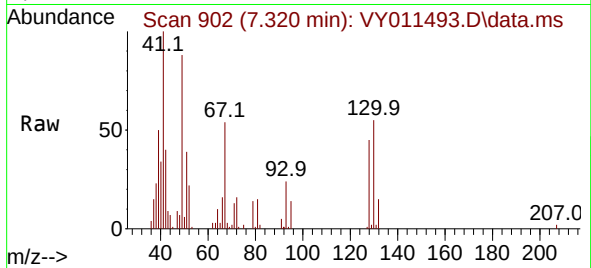
Ion	Ratio	Lower	Upper
78	100		
77	23.8	20.4	30.6





#41
Methacrylonitrile
Concen: 21.747 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

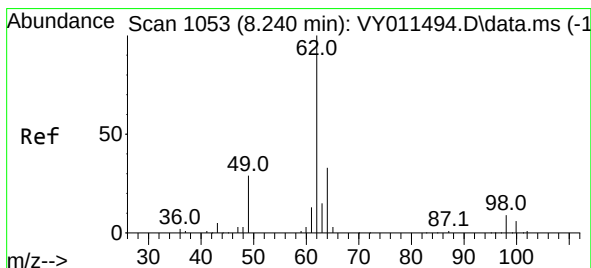
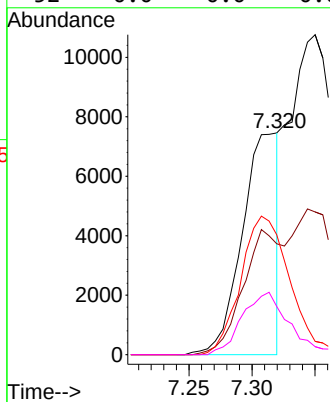
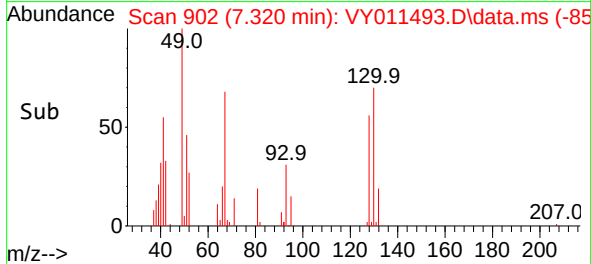
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 14949
Ion Ratio Lower Upper
41 100
39 83.9 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

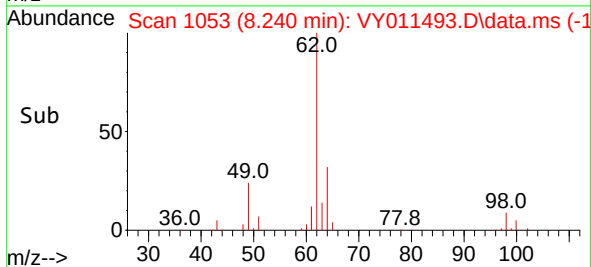
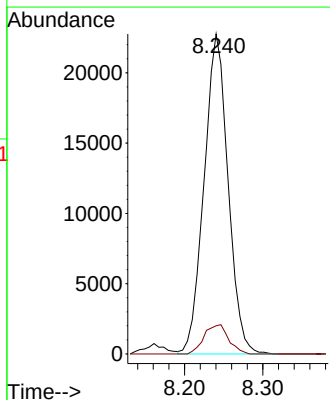
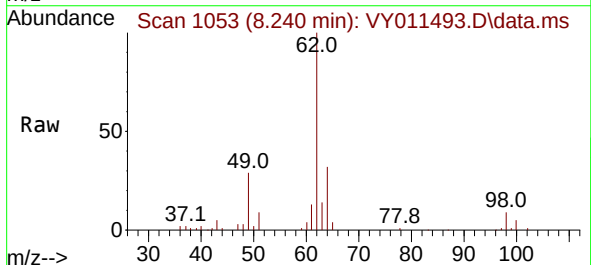
Manual Integrations
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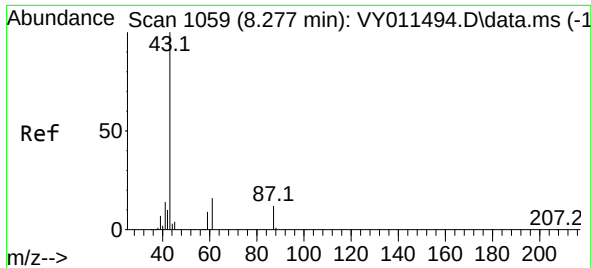
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#42
1,2-Dichloroethane
Concen: 20.747 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 62 Resp: 48459
Ion Ratio Lower Upper
62 100
98 9.3 0.0 14.8





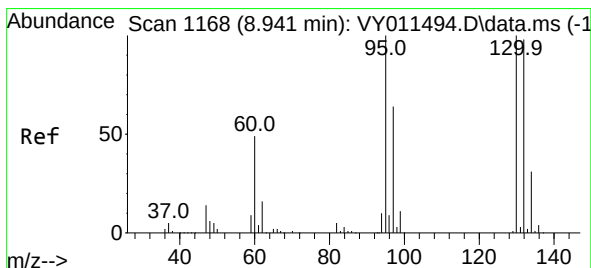
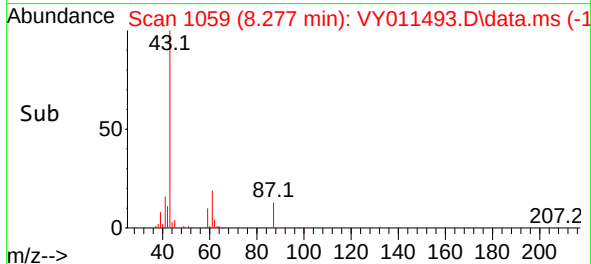
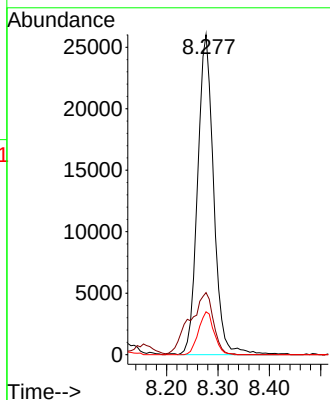
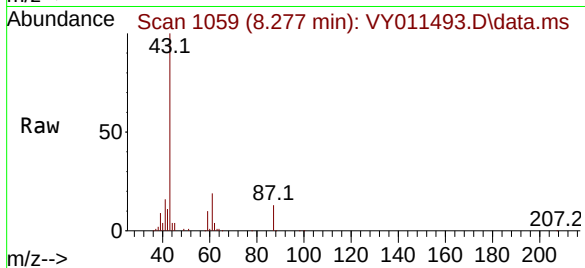
#43
Isopropyl Acetate
Concen: 21.078 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 56399
Ion Ratio Lower Upper
43 100
61 28.5 20.2 30.2
87 12.9 8.9 13.3

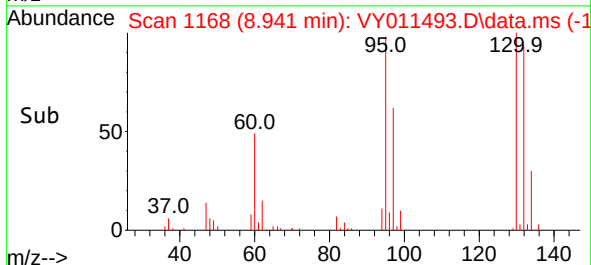
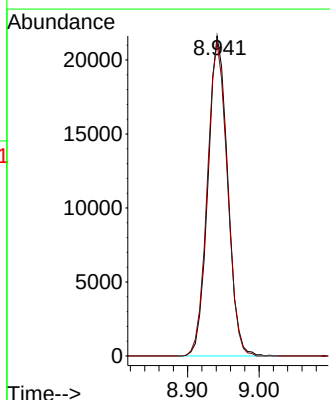
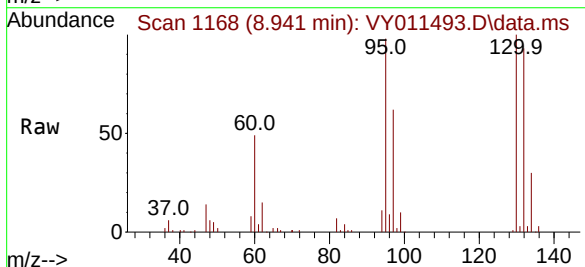
Manual Integrations
APPROVED

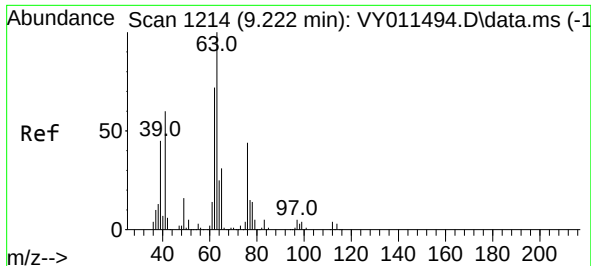
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#44
Trichloroethene
Concen: 20.322 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion:130 Resp: 41370
Ion Ratio Lower Upper
130 100
95 98.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.894 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 40469

Ion Ratio Lower Upper

63 100

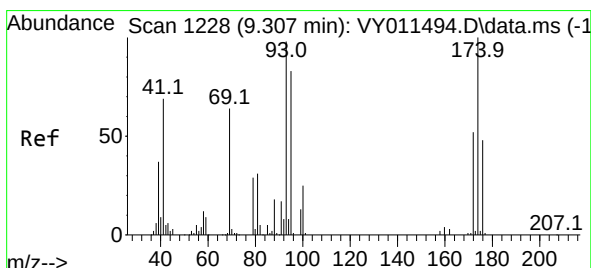
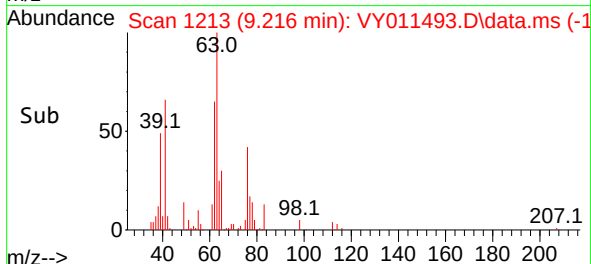
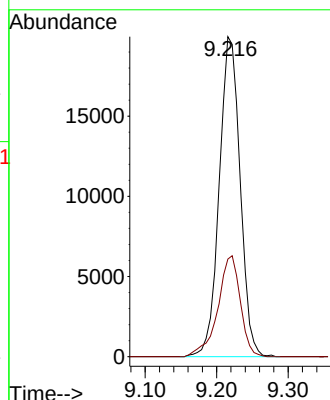
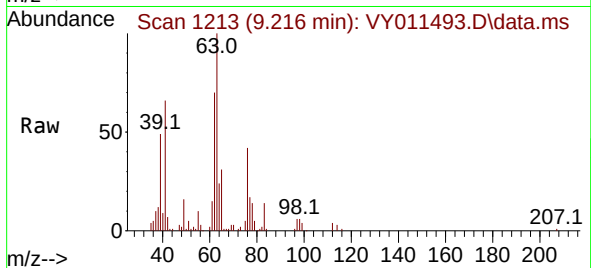
65 30.5 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

Dibromomethane

Concen: 20.839 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

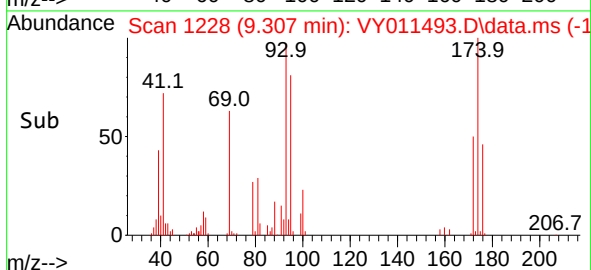
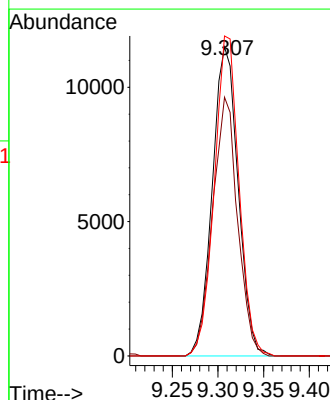
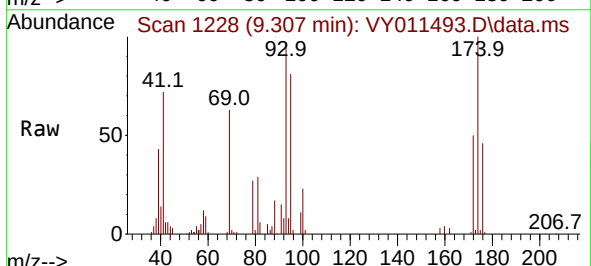
Tgt Ion: 93 Resp: 22583

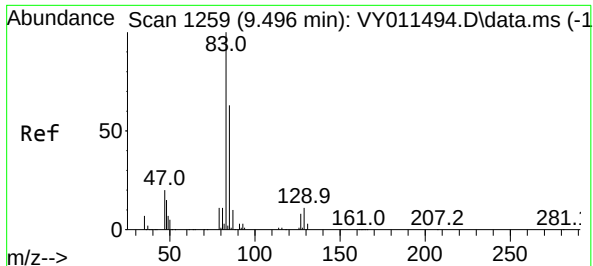
Ion Ratio Lower Upper

93 100

95 80.9 64.3 96.5

174 99.2 83.4 125.0





#47

Bromodichloromethane

Concen: 20.571 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

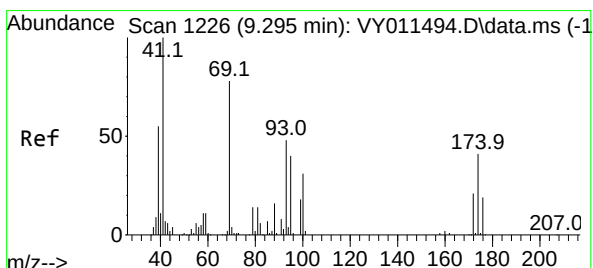
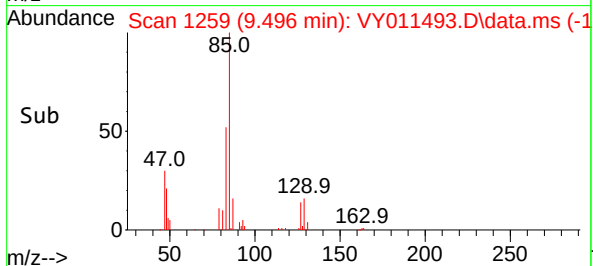
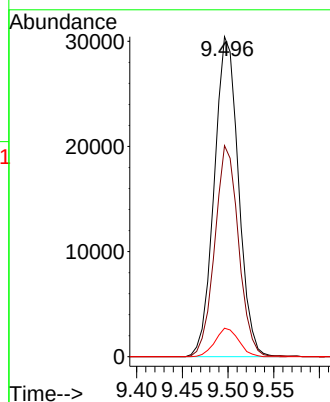
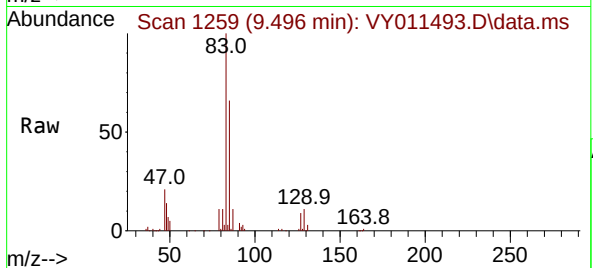
Tgt Ion: 83	Resp: 56104
Ion Ratio	Lower Upper
83 100	
85 66.0	51.9 77.9
127 8.9	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#48

Methyl methacrylate

Concen: 20.903 ug/l

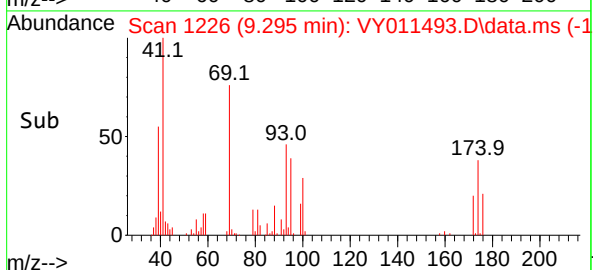
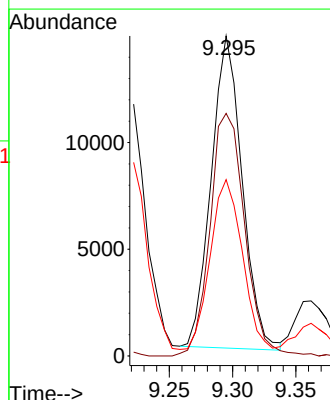
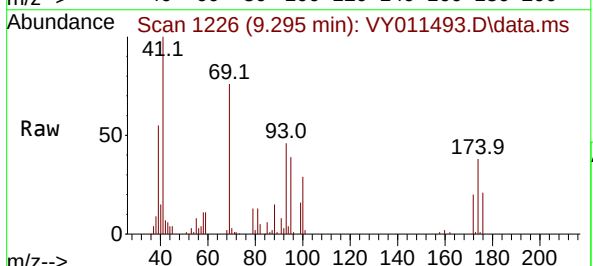
RT: 9.295 min Scan# 1226

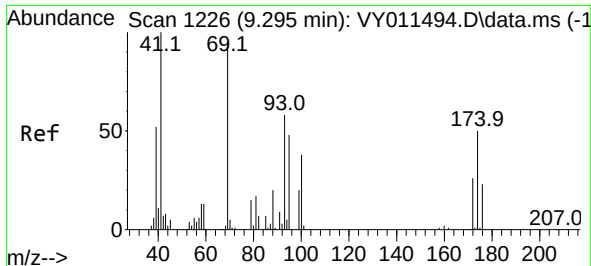
Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion: 41	Resp: 24885
Ion Ratio	Lower Upper
41 100	
69 87.4	58.2 87.2
39 56.6	47.4 71.0





#49

1,4-Dioxane

Concen: 453.839 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

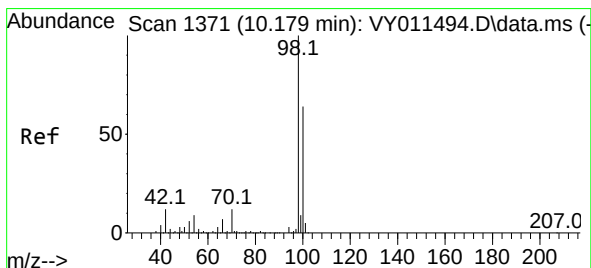
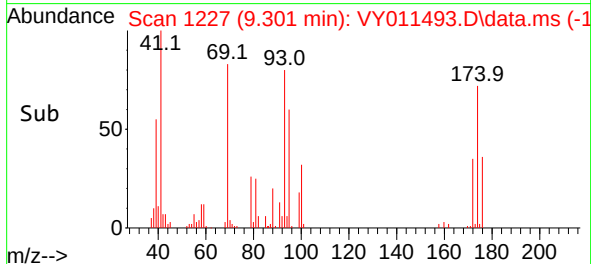
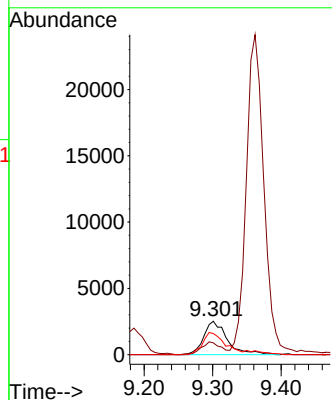
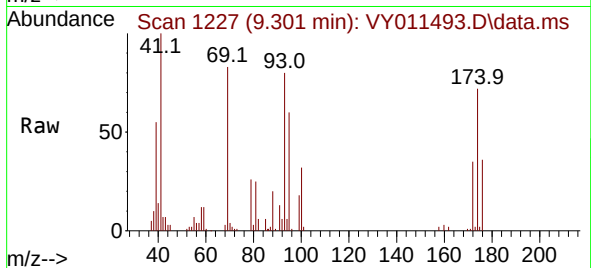
Tgt Ion:	88	Resp:	604
Ion	Ratio	Lower	Upper
88	100		
43	33.0	32.8	49.2
58	62.6	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#50

Toluene-d8

Concen: 22.384 ug/l

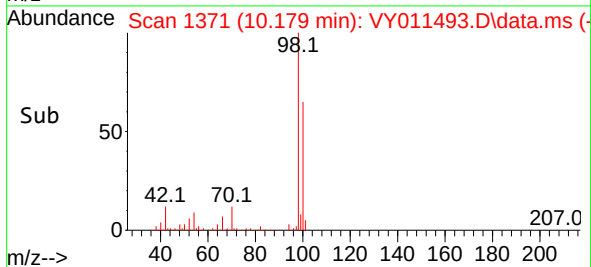
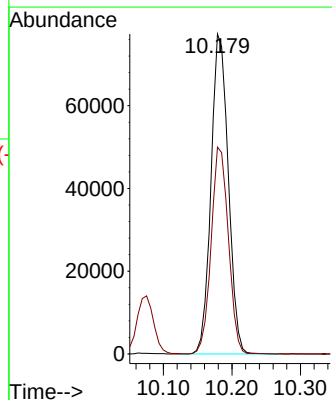
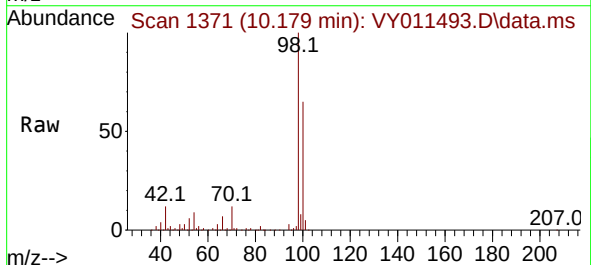
RT: 10.179 min Scan# 1371

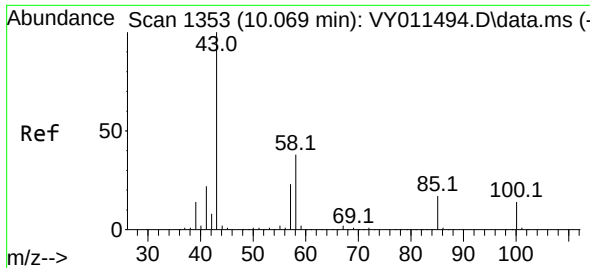
Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion:	98	Resp:	135242
Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.2	75.2





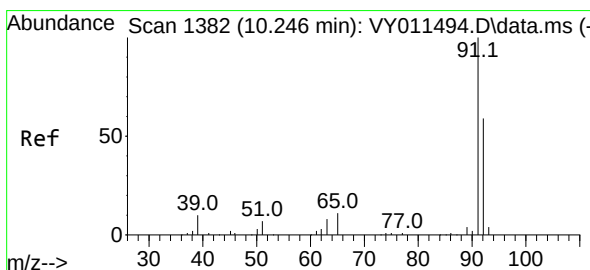
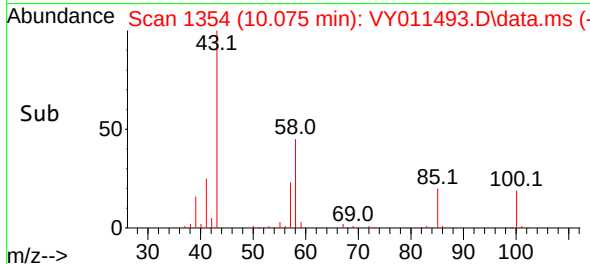
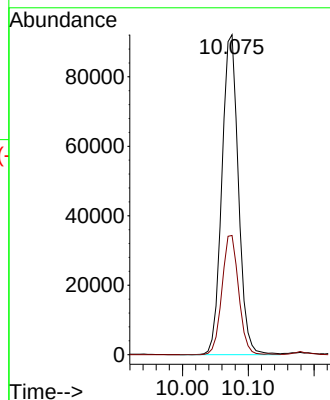
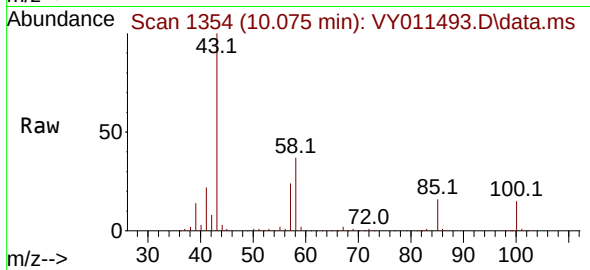
#51
4-Methyl-2-Pentanone
Concen: 108.262 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 161249
Ion Ratio Lower Upper
43 100
58 37.7 28.1 42.1

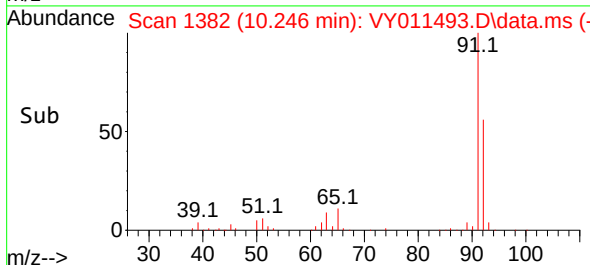
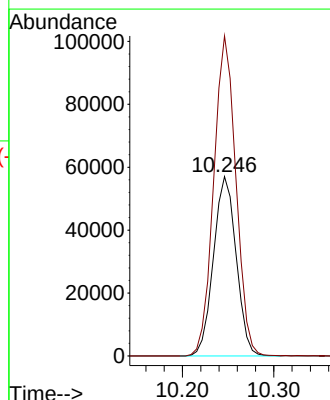
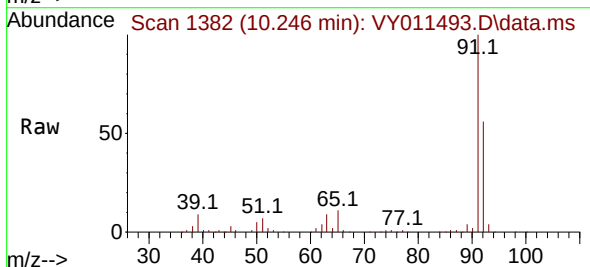
Manual Integrations
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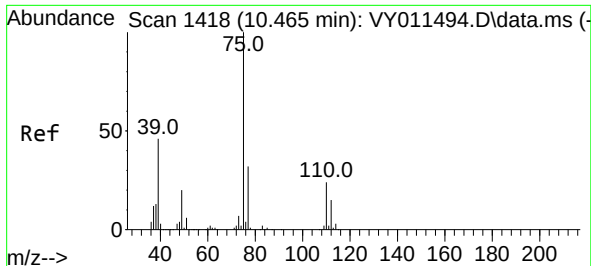
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#52
Toluene
Concen: 20.563 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 92 Resp: 98219
Ion Ratio Lower Upper
92 100
91 174.7 142.6 213.8





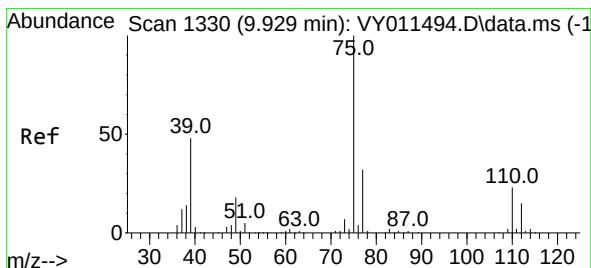
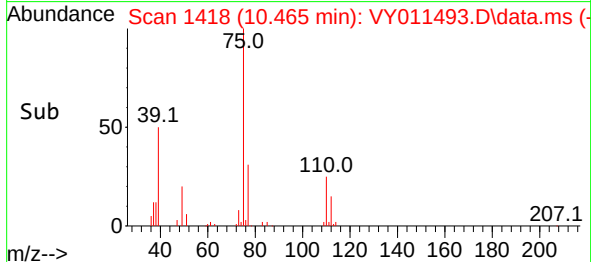
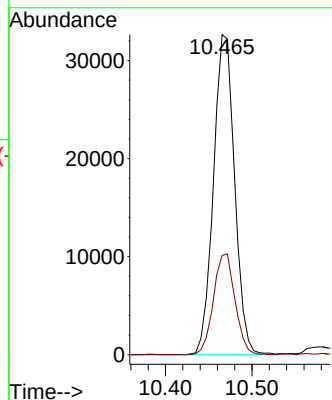
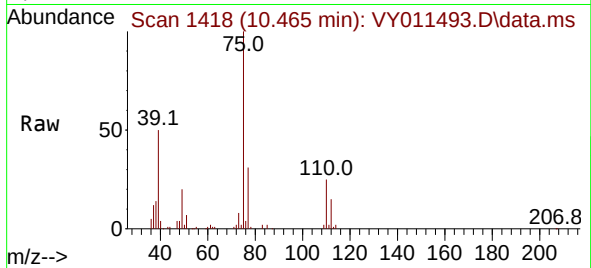
#53
t-1,3-Dichloropropene
Concen: 20.363 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 55452
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

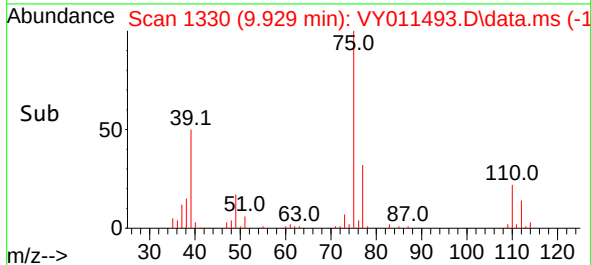
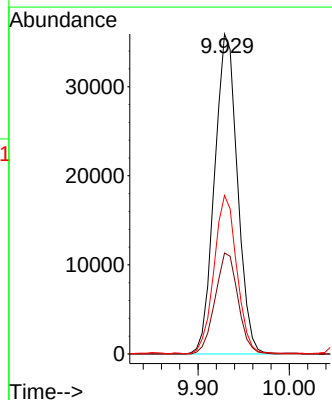
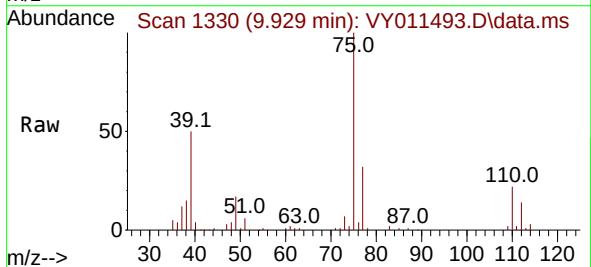
Manual Integrations
APPROVED

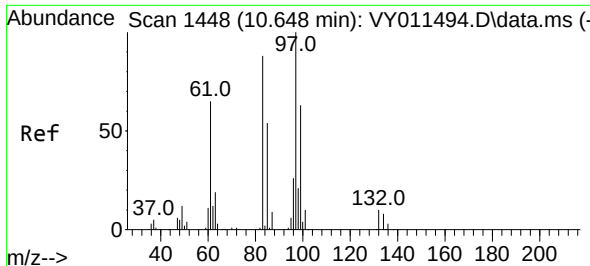
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#54
cis-1,3-Dichloropropene
Concen: 20.381 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

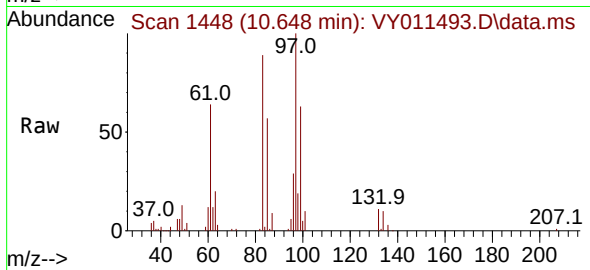
Tgt Ion: 75 Resp: 62589
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 49.3 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 20.527 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

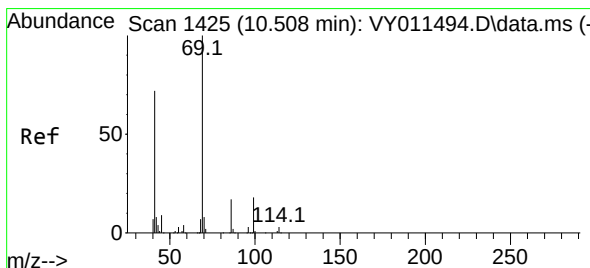
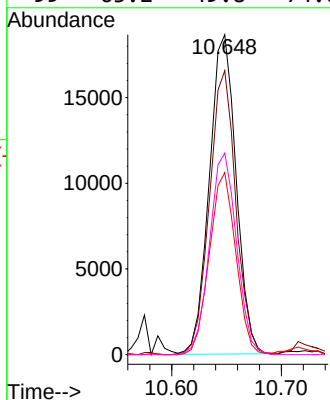
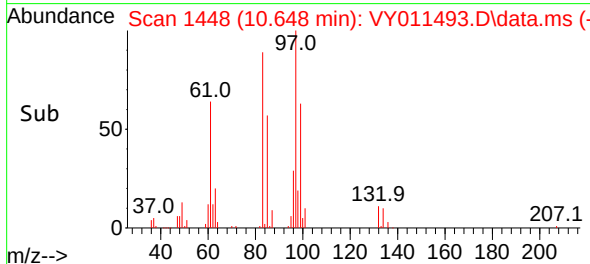
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 97	Resp: 3162
Ion Ratio	Lower Upper
97 100	
83 88.6	69.8 104.8
85 57.1	44.3 66.5
99 63.2	49.8 74.6

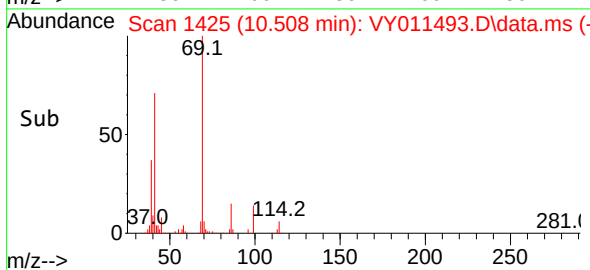
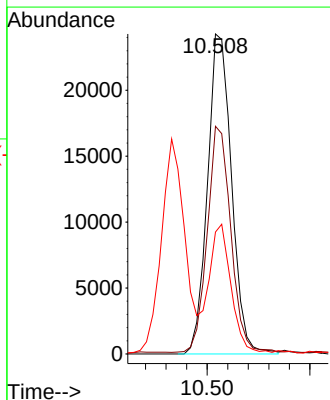
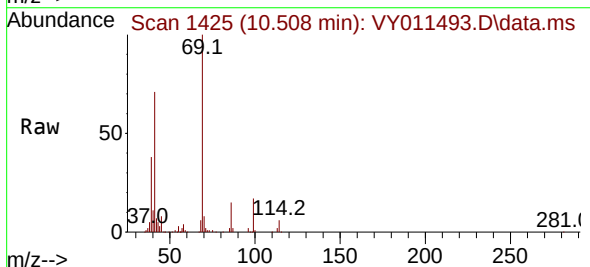
Manual Integrations
APPROVED

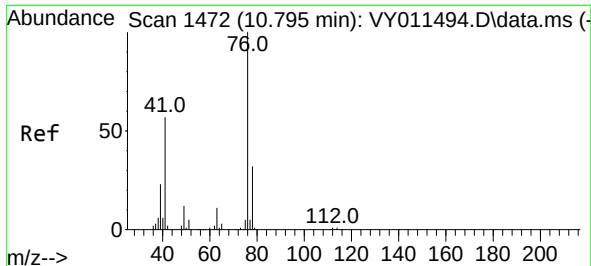
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#56
Ethyl methacrylate
Concen: 20.404 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 69	Resp: 39419
Ion Ratio	Lower Upper
69 100	
41 69.7	63.4 95.0
39 37.3	35.8 53.8





#57

1,3-Dichloropropane

Concen: 21.037 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 5544

Ion Ratio Lower Upper

76 100

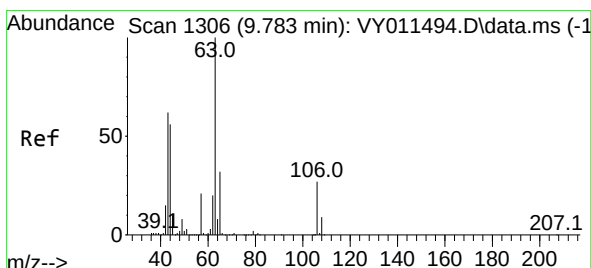
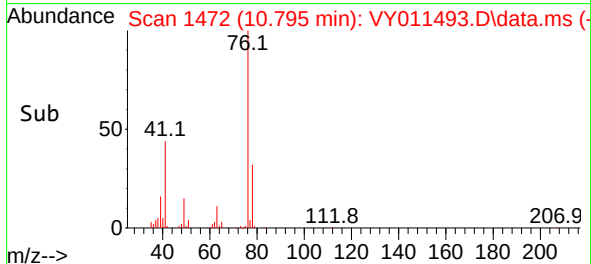
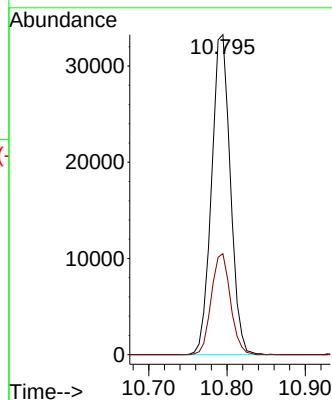
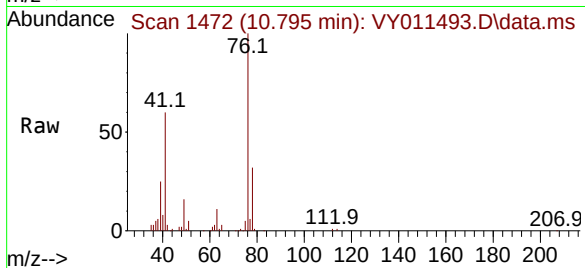
78 32.1 25.0 37.6

Manual Integrations

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Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 105.439 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY011493.D

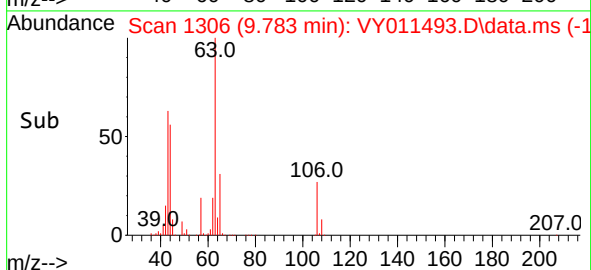
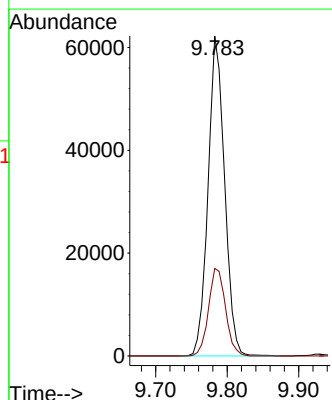
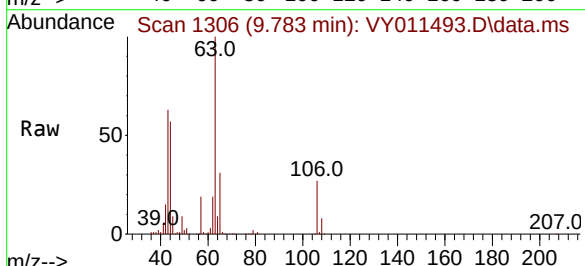
Acq: 18 Nov 2022 11:04

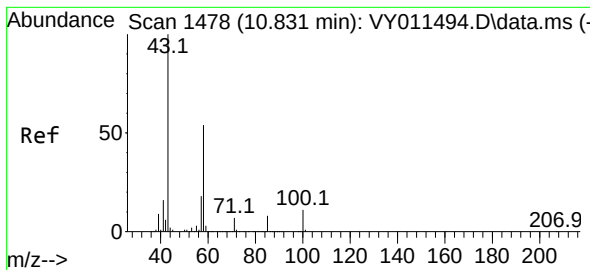
Tgt Ion: 63 Resp: 99867

Ion Ratio Lower Upper

63 100

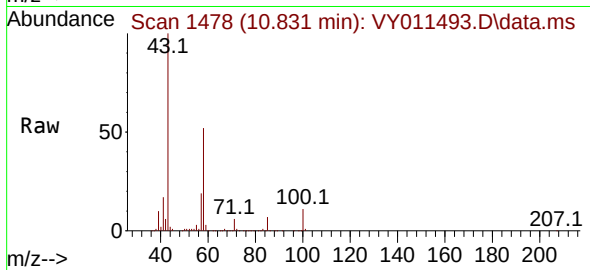
106 28.2 21.5 32.3





#59
2-Hexanone
Concen: 110.133 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

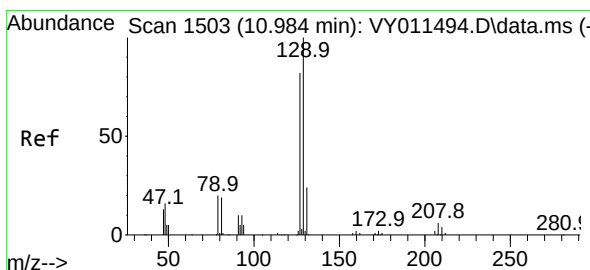
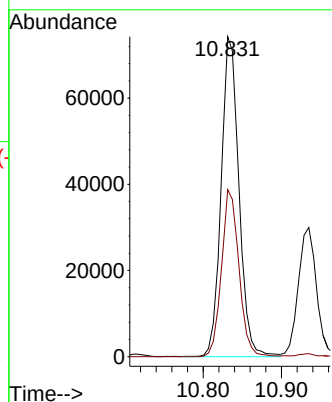
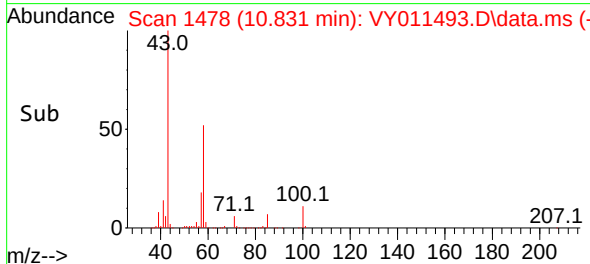
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



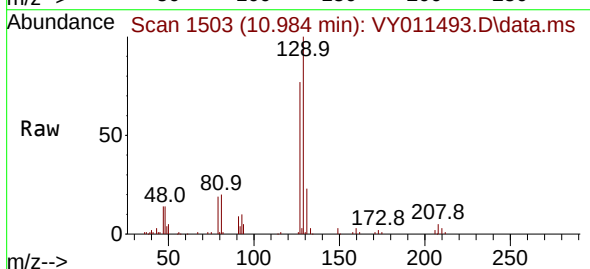
Tgt Ion: 43 Resp: 117310
Ion Ratio Lower Upper
43 100
58 51.2 24.4 73.4

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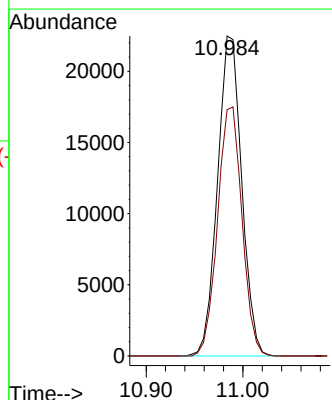
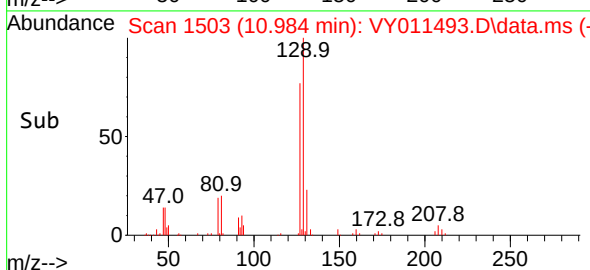
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

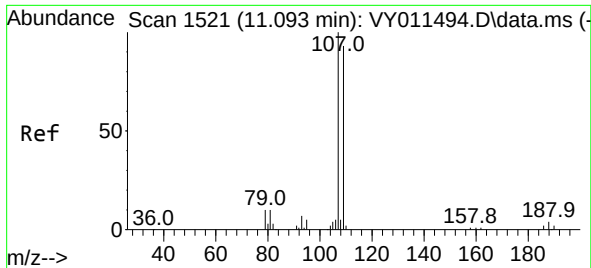


#60
Dibromochloromethane
Concen: 20.563 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04



Tgt Ion:129 Resp: 39017
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





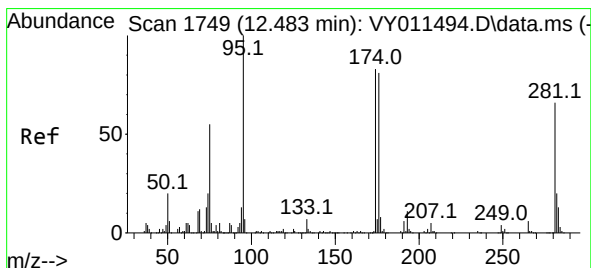
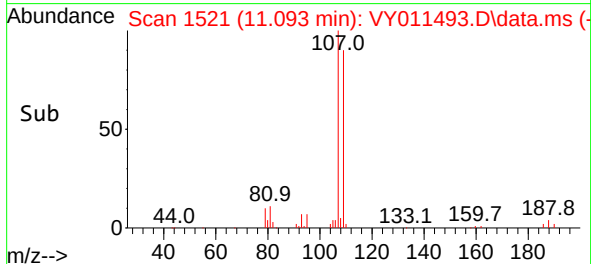
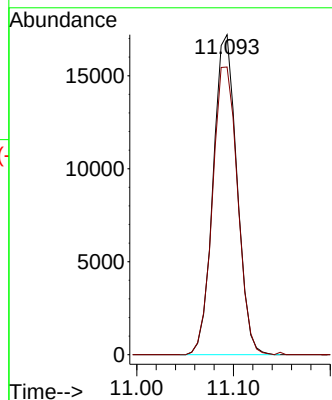
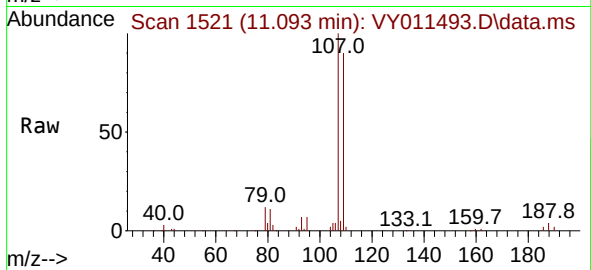
#61
1,2-Dibromoethane
Concen: 20.718 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 2934
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

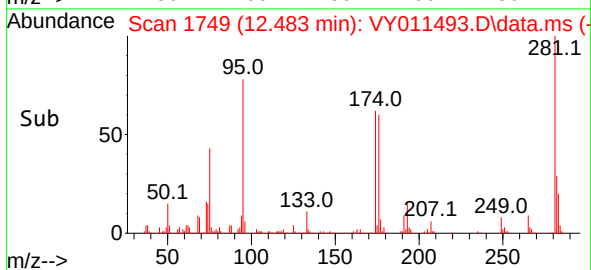
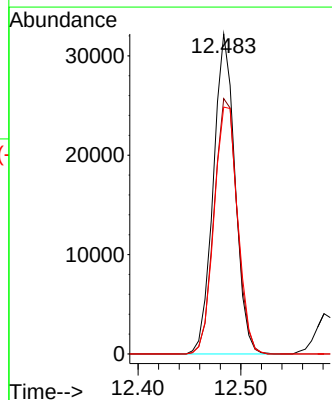
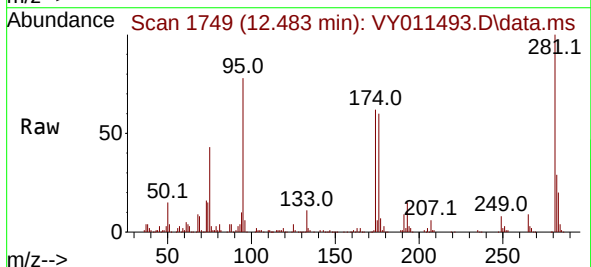
Manual Integrations
APPROVED

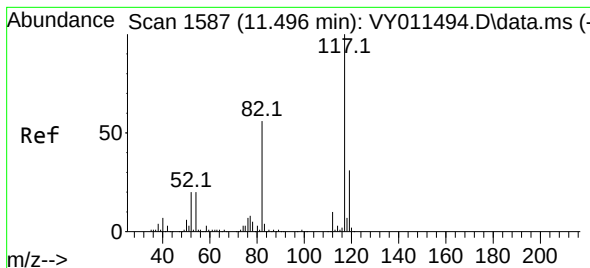
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#62
4-Bromofluorobenzene
Concen: 21.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 95 Resp: 47129
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 84.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

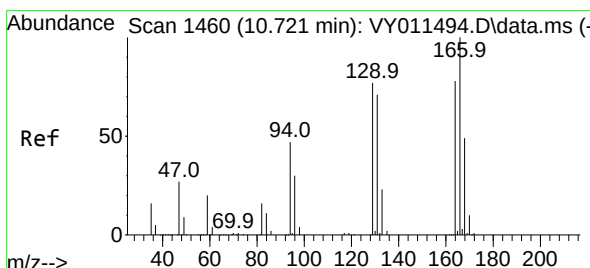
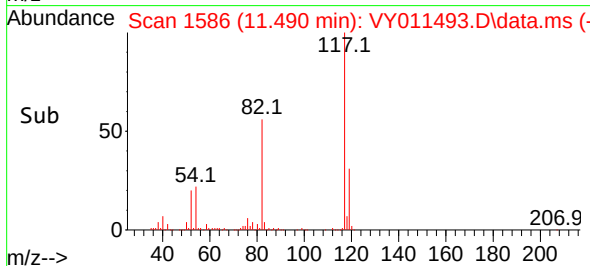
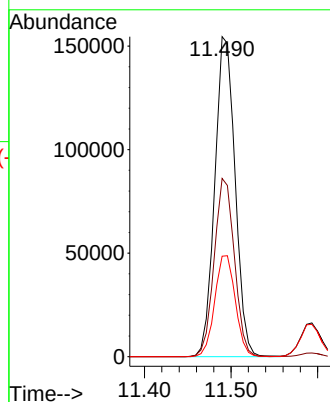
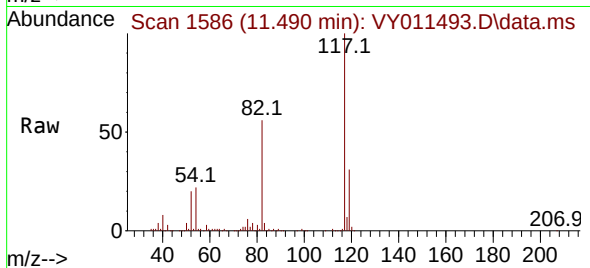
Tgt Ion:117	Resp: 252090
Ion Ratio	Lower Upper
117 100	
82 55.7	43.0 64.4
119 31.4	25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#64

Tetrachloroethene

Concen: 20.080 ug/l

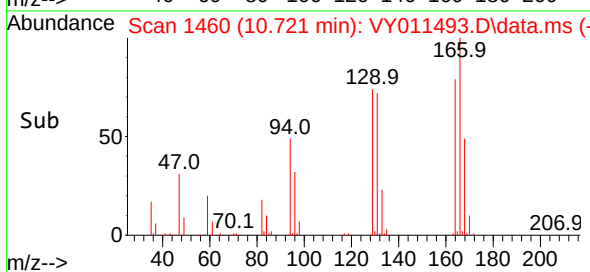
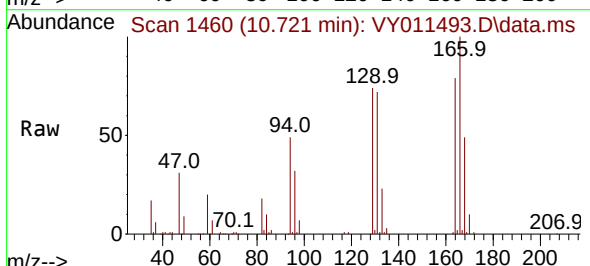
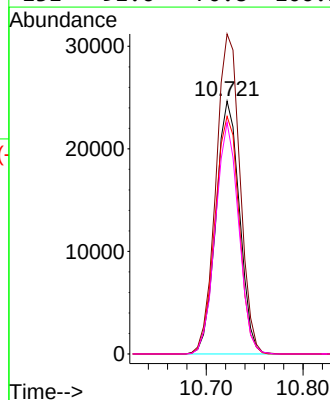
RT: 10.721 min Scan# 1460

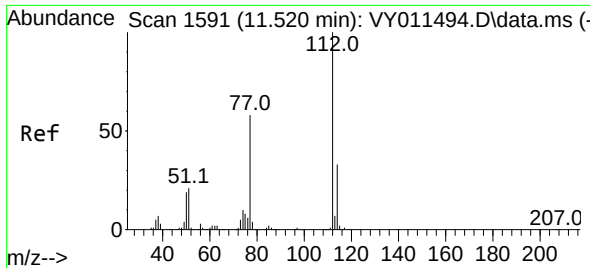
Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion:164	Resp: 41556
Ion Ratio	Lower Upper
164 100	
166 126.6	100.4 150.6
129 94.0	71.4 107.0
131 91.6	70.8 106.2





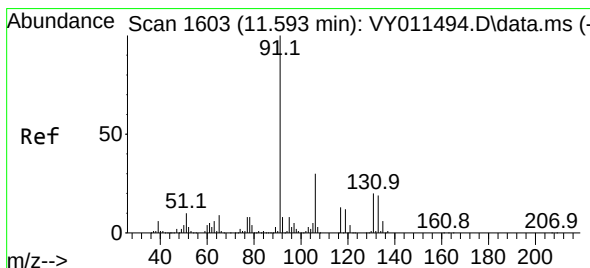
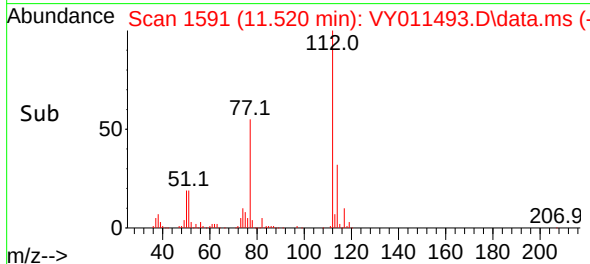
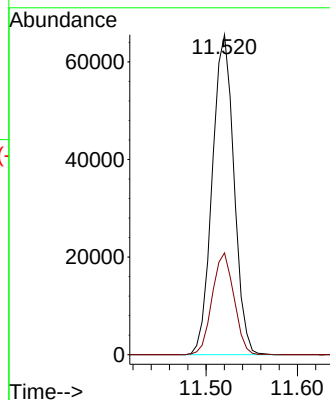
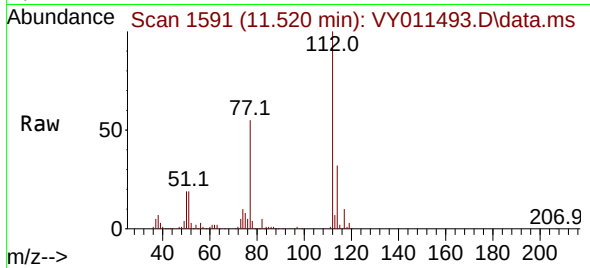
#65
Chlorobenzene
Concen: 20.454 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 108084
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

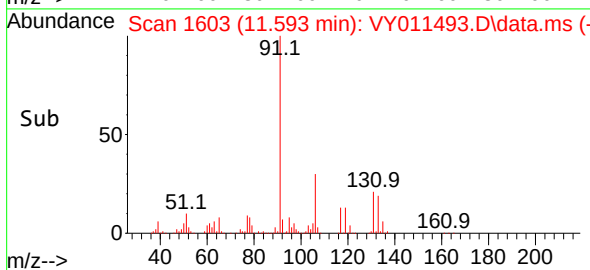
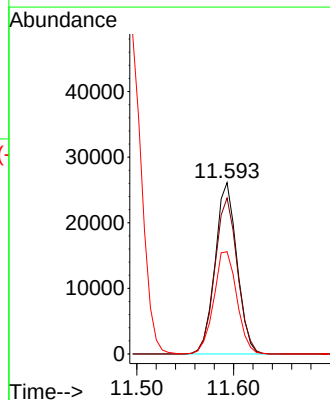
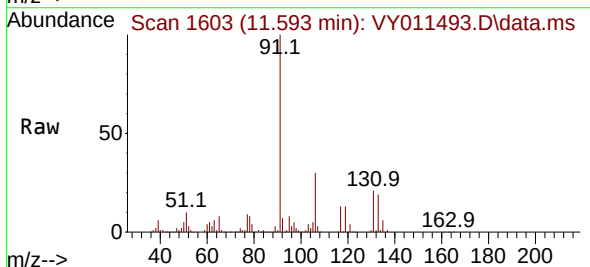
Manual Integrations
APPROVED

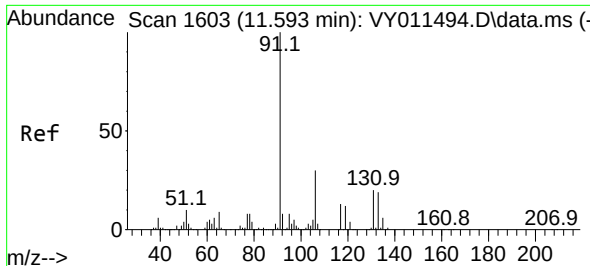
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.429 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion:131 Resp: 41023
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.6
119 63.1 30.8 92.3





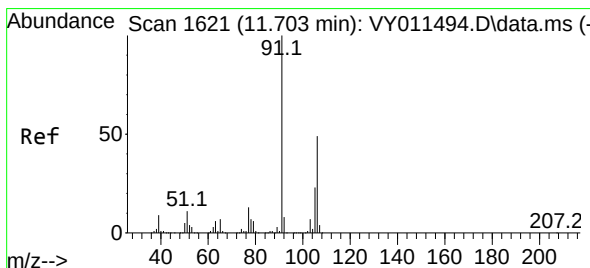
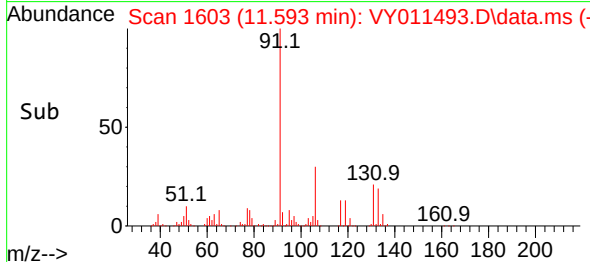
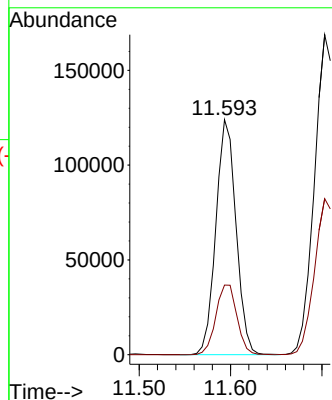
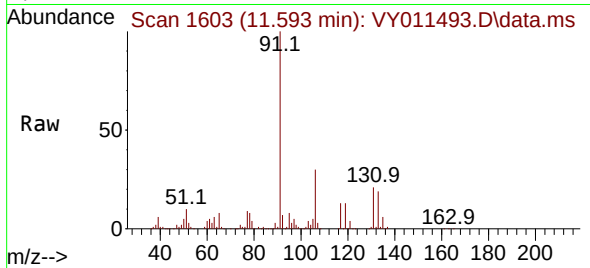
#67
Ethyl Benzene
Concen: 19.970 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 19002
Ion Ratio Lower Upper
91 100
106 29.6 24.5 36.7

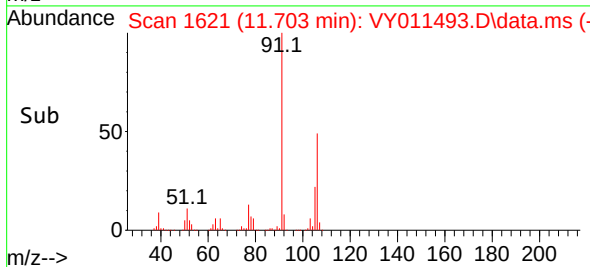
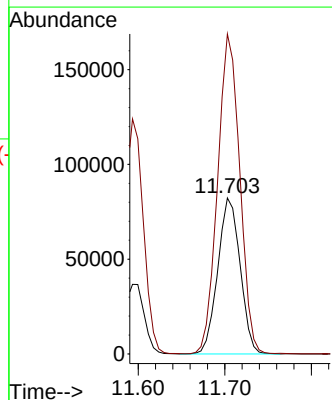
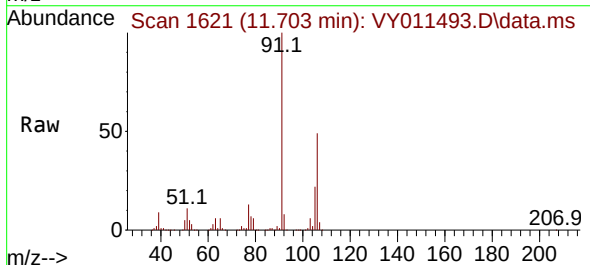
Manual Integrations
APPROVED

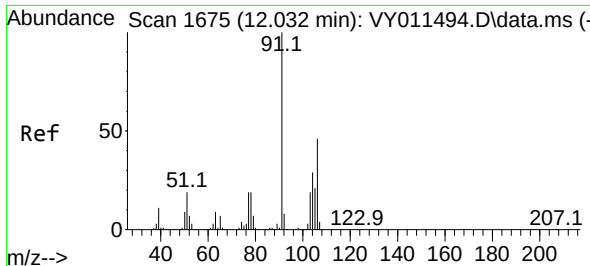
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#68
m/p-Xylenes
Concen: 40.652 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion:106 Resp: 147680
Ion Ratio Lower Upper
106 100
91 203.6 166.6 249.8





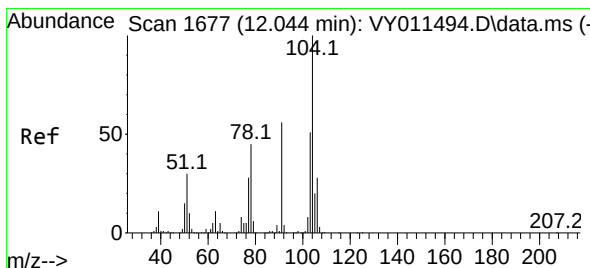
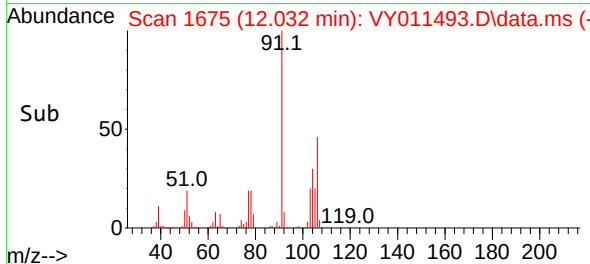
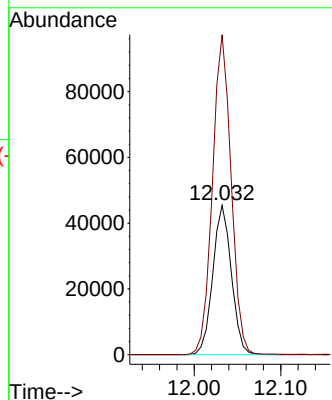
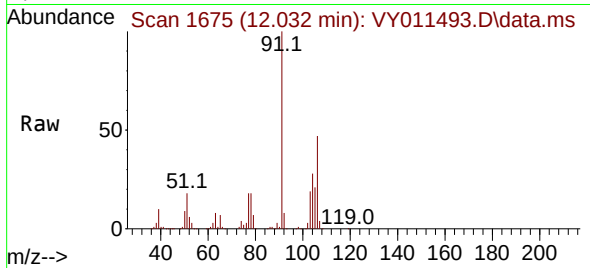
#69
o-Xylene
Concen: 19.964 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 67648
Ion Ratio Lower Upper
106 100
91 215.7 110.3 331.0

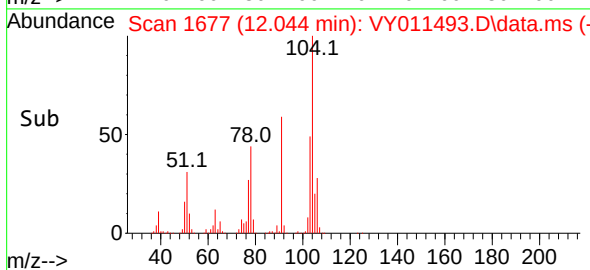
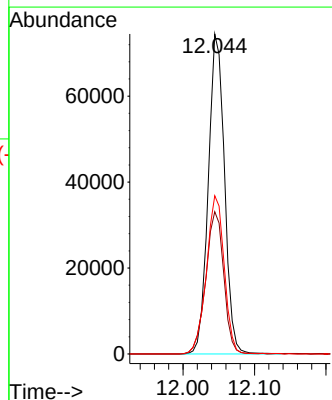
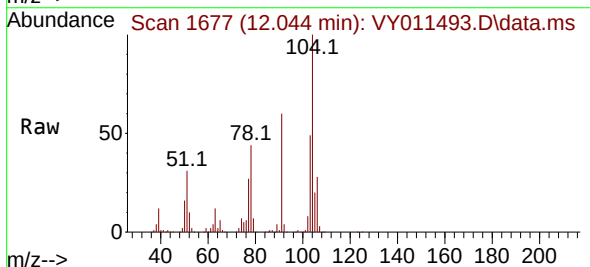
Manual Integrations
APPROVED

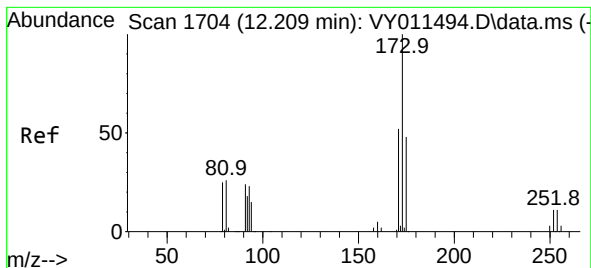
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#70
Styrene
Concen: 20.399 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion:104 Resp: 117442
Ion Ratio Lower Upper
104 100
78 49.2 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 20.871 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

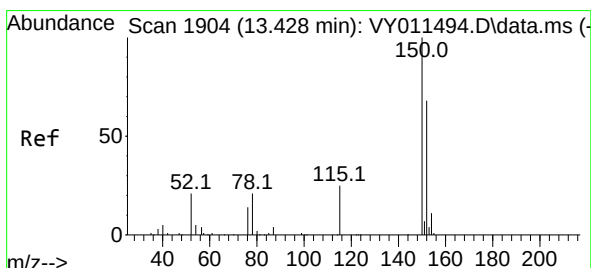
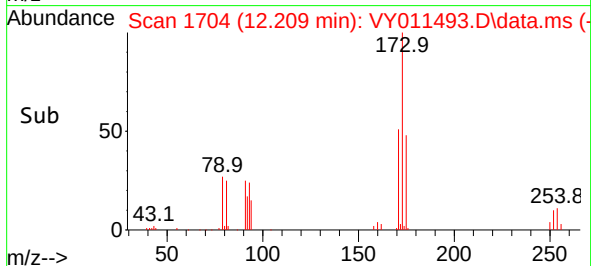
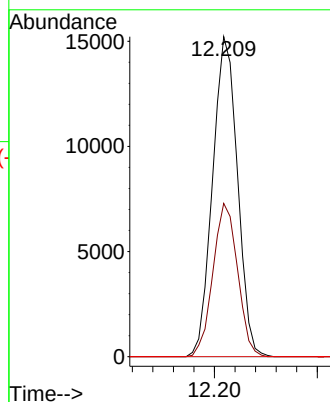
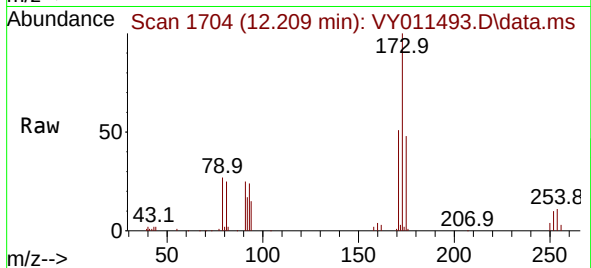
Tgt Ion:173	Resp:	2552
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.6 74.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

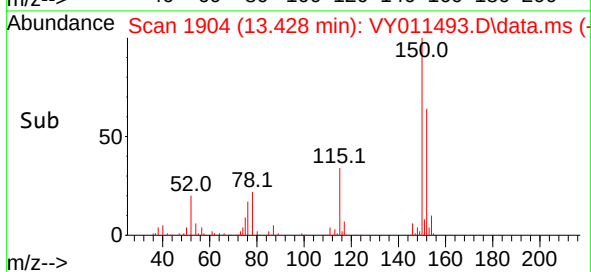
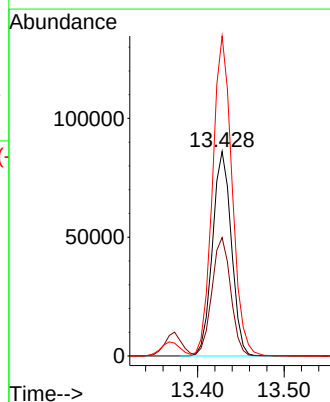
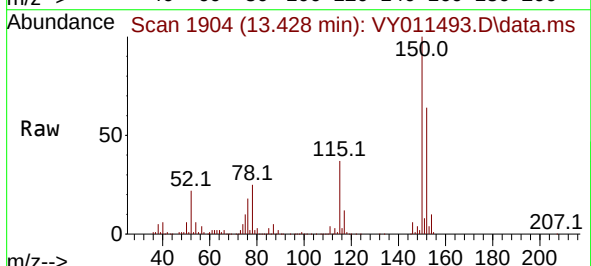
RT: 13.428 min Scan# 1904

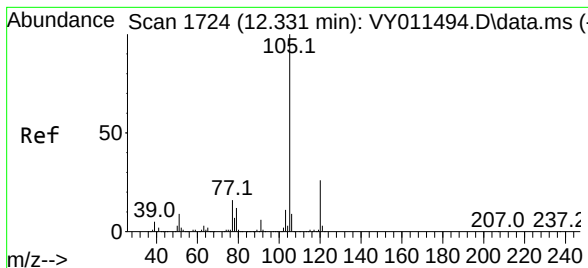
Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion:152	Resp:	130318
Ion Ratio	Lower	Upper
152	100	
115	57.8	28.2 84.7
150	162.1	0.0 347.6





#73

Isopropylbenzene

Concen: 19.527 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 18383

Ion Ratio Lower Upper

105 100

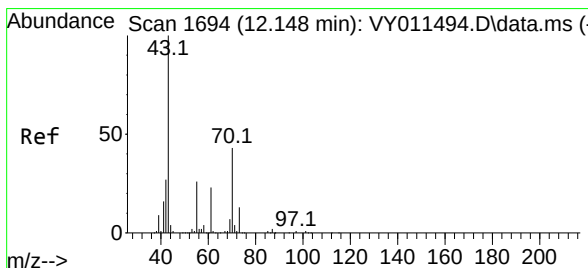
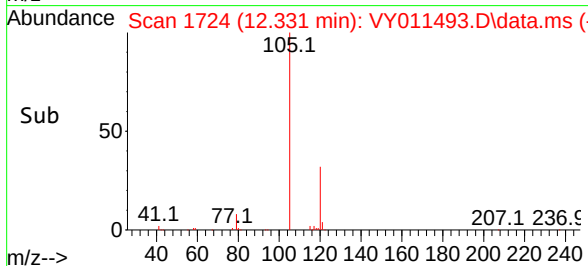
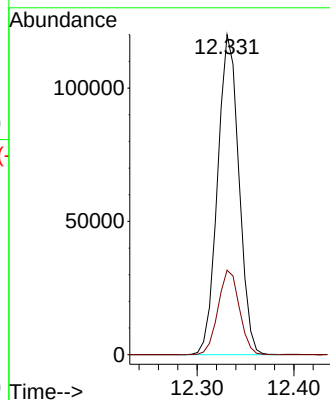
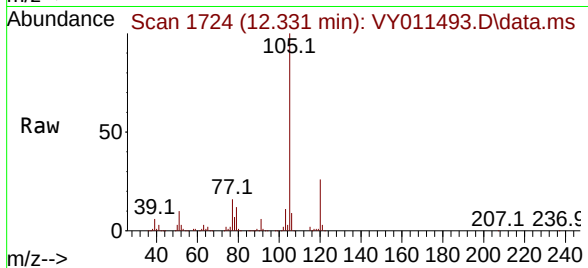
120 26.3 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#74

N-ethyl acetate

Concen: 20.466 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion: 43 Resp: 47749

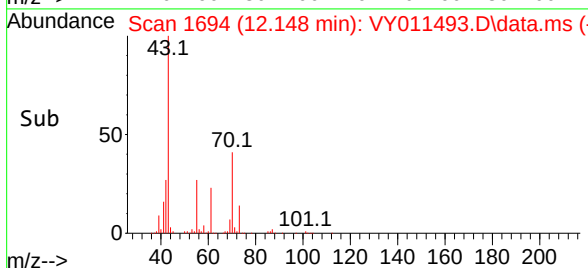
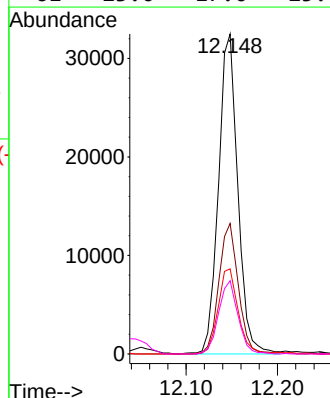
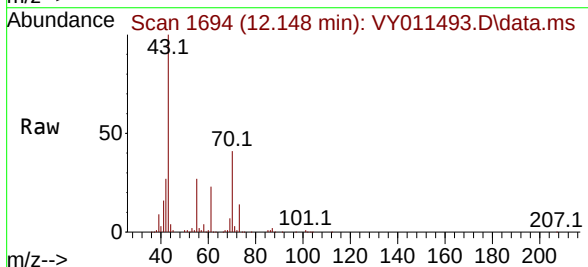
Ion Ratio Lower Upper

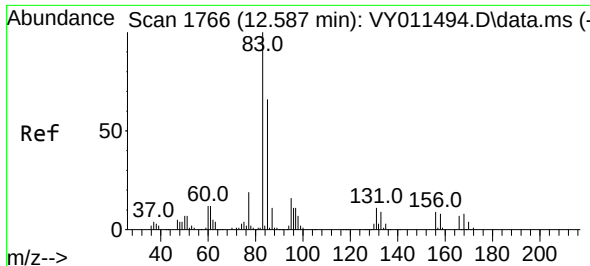
43 100

70 41.2 28.7 43.1

55 27.5 17.3 25.9#

61 23.0 17.0 25.6





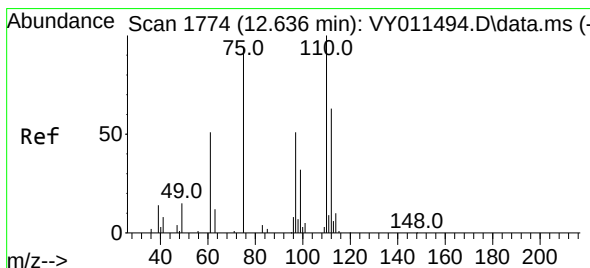
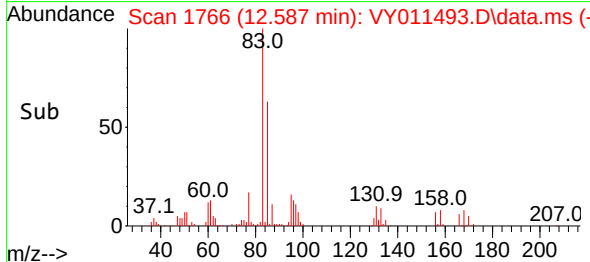
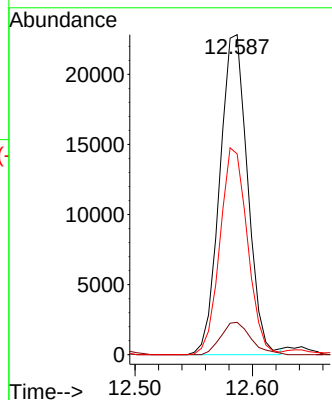
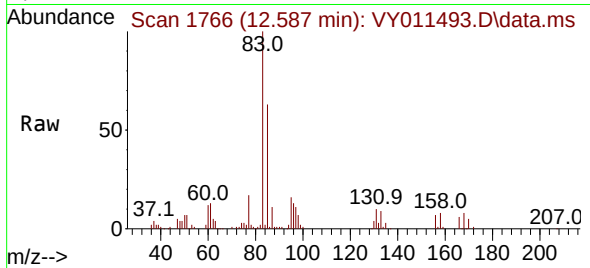
#75
1,1,2,2-Tetrachloroethane
Concen: 20.313 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 37604
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 64.0 32.3 96.8

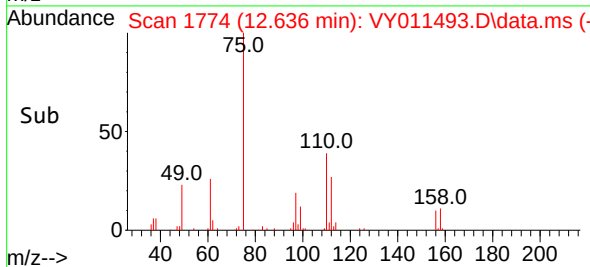
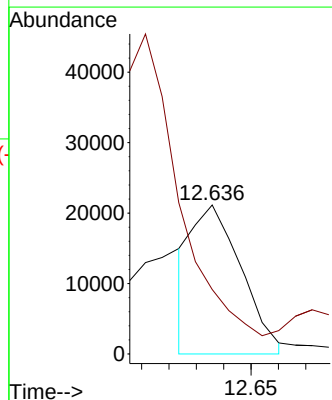
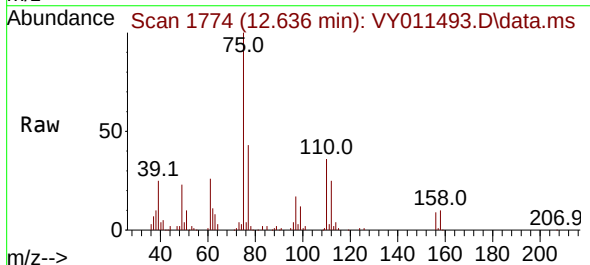
Manual Integrations
APPROVED

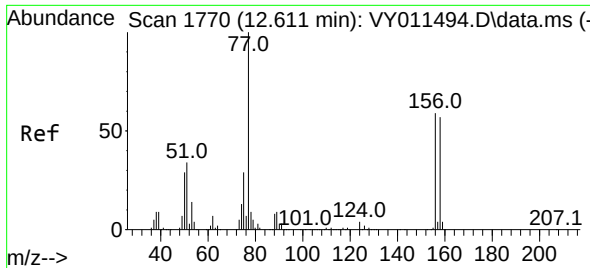
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#76
1,2,3-Trichloropropane
Concen: 16.495 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 75 Resp: 26641
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





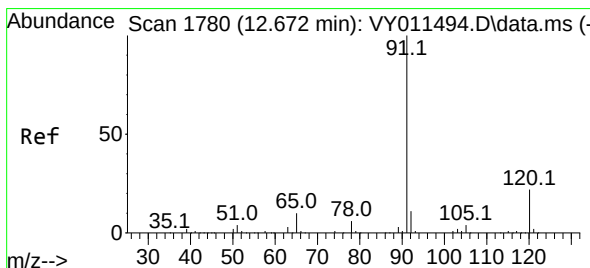
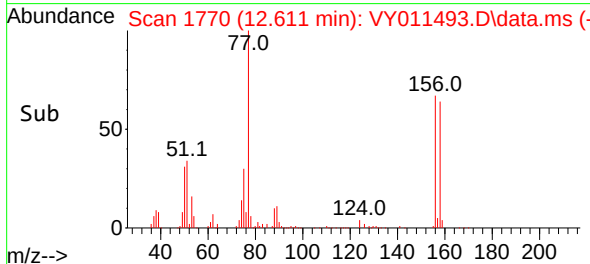
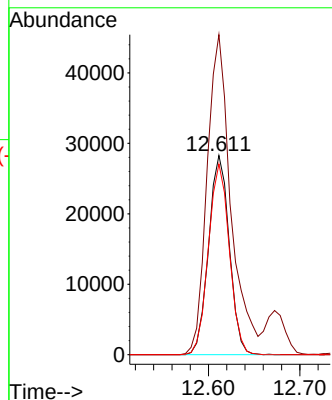
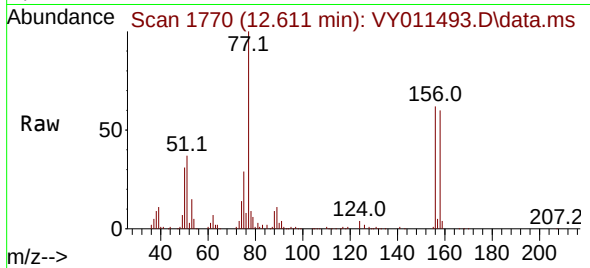
#77
Bromobenzene
Concen: 20.183 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 44550
Ion Ratio Lower Upper
156 100
77 184.4 95.5 286.4
158 96.8 48.0 144.0

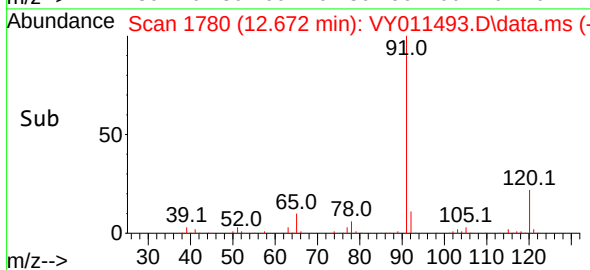
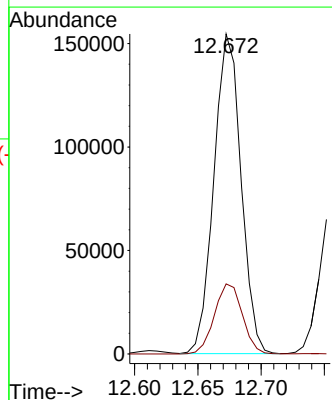
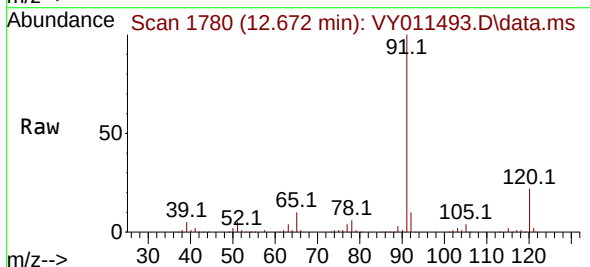
Manual Integrations
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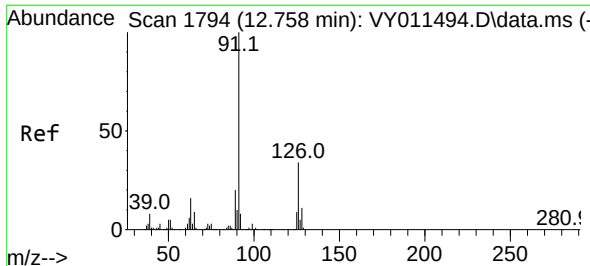
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#78
n-propylbenzene
Concen: 20.006 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 91 Resp: 230097
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.898 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 129090

Ion Ratio Lower Upper

91 100

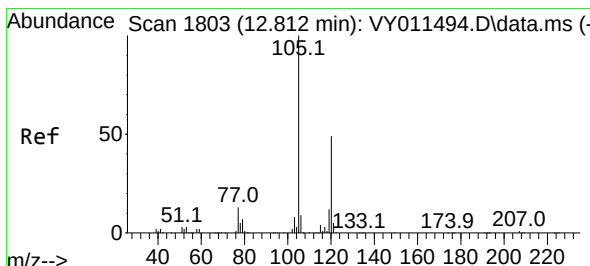
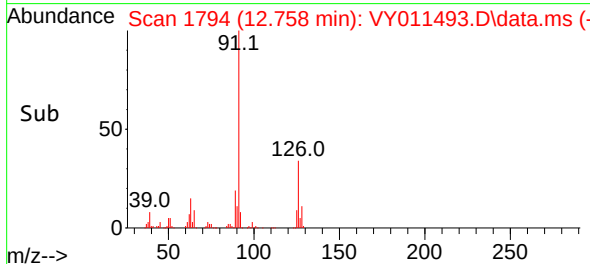
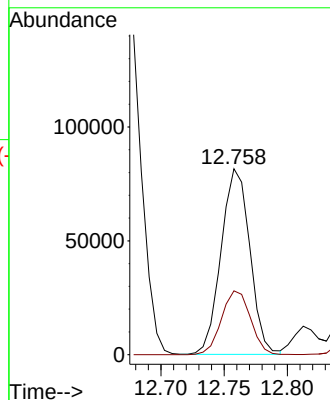
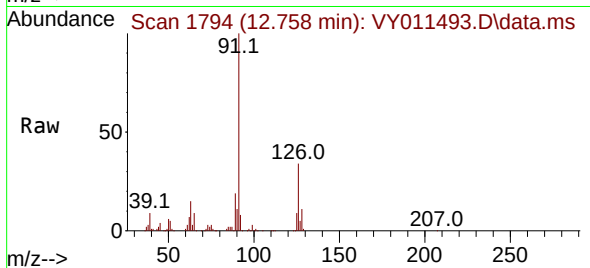
126 34.7 16.9 50.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#80

1,3,5-Trimethylbenzene

Concen: 19.963 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY011493.D

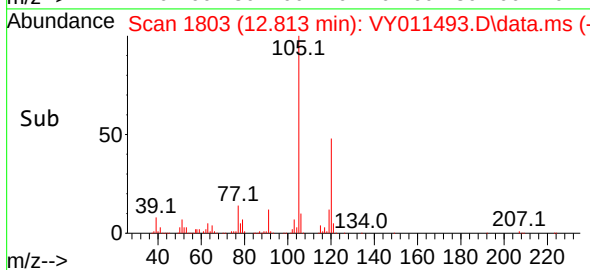
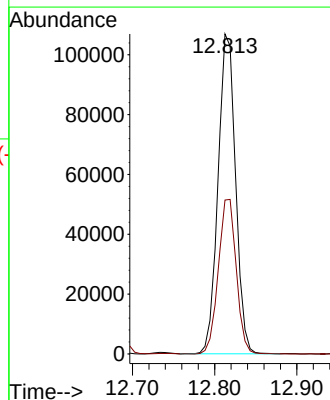
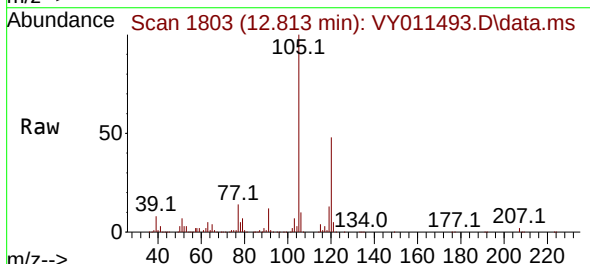
Acq: 18 Nov 2022 11:04

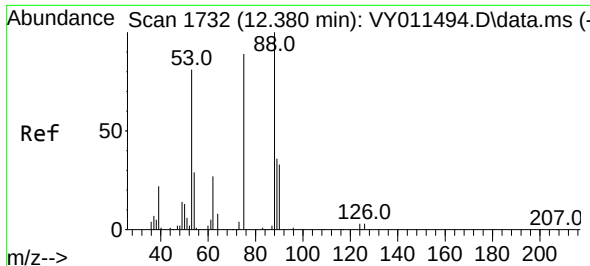
Tgt Ion:105 Resp: 158371

Ion Ratio Lower Upper

105 100

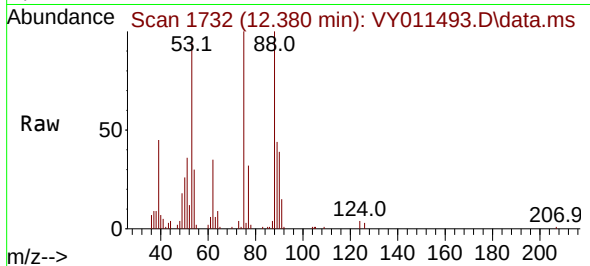
120 49.6 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.481 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

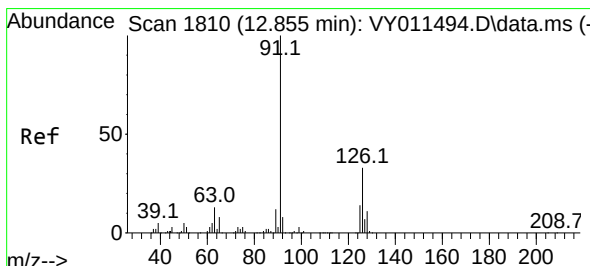
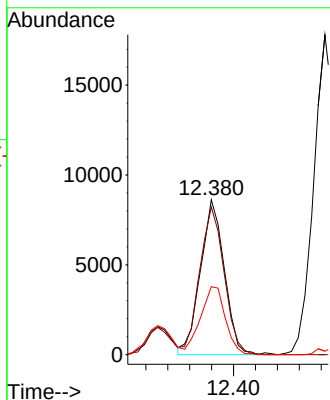
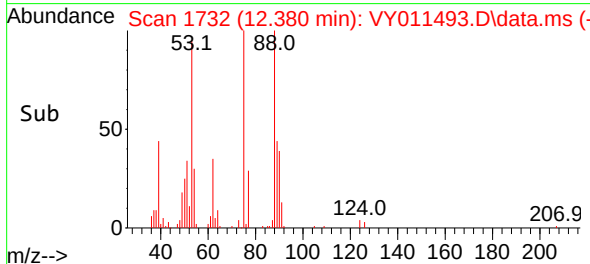
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 13040
Ion Ratio Lower Upper
75 100
53 97.8 85.3 127.9
89 45.6 37.0 55.4

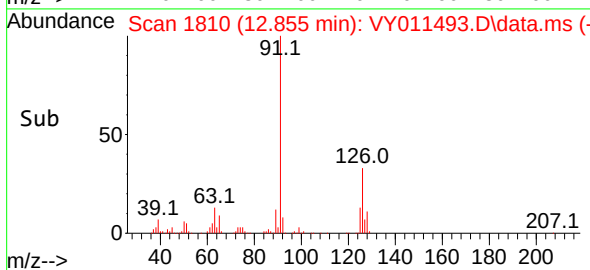
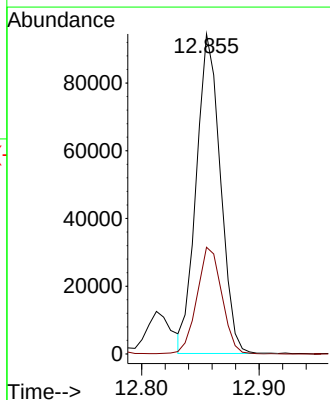
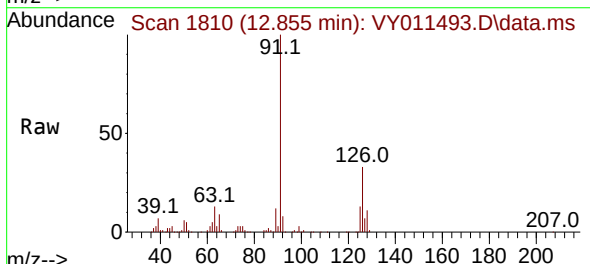
Manual Integrations
APPROVED

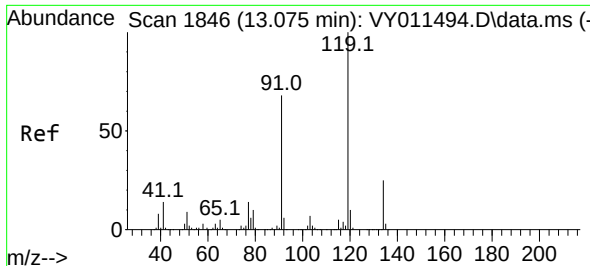
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#82
4-Chlorotoluene
Concen: 19.850 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 91 Resp: 134416
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





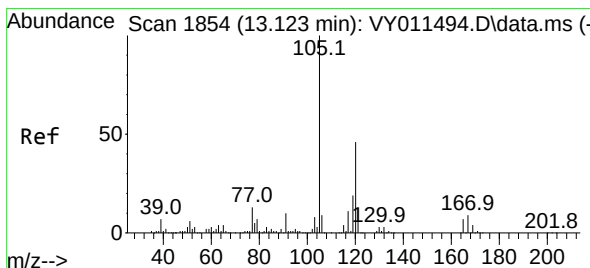
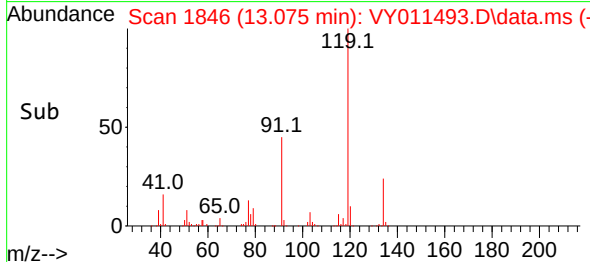
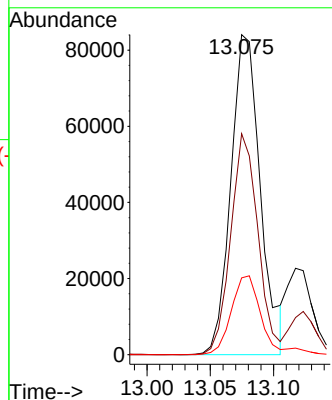
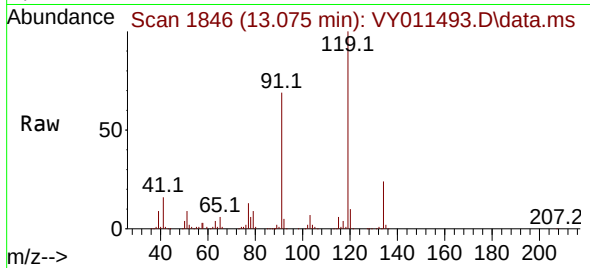
#83
tert-Butylbenzene
Concen: 19.734 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 136540
Ion Ratio Lower Upper
119 100
91 63.9 34.8 104.4
134 25.4 13.3 39.9

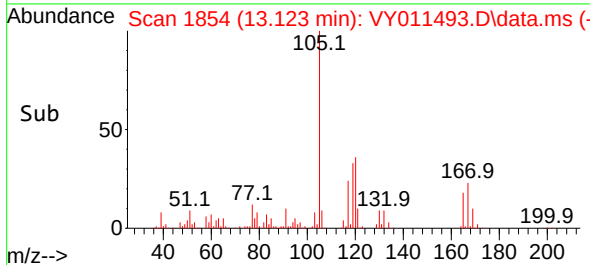
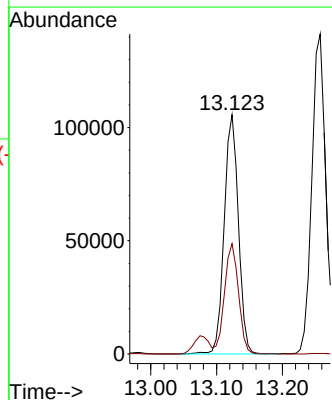
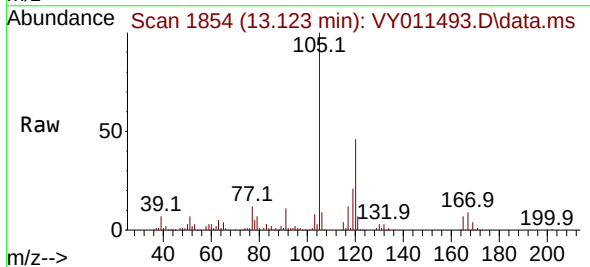
Manual Integrations
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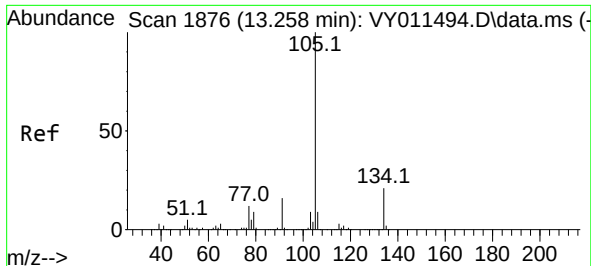
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.236 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion:105 Resp: 158818
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





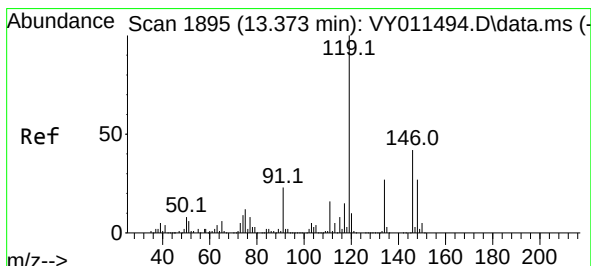
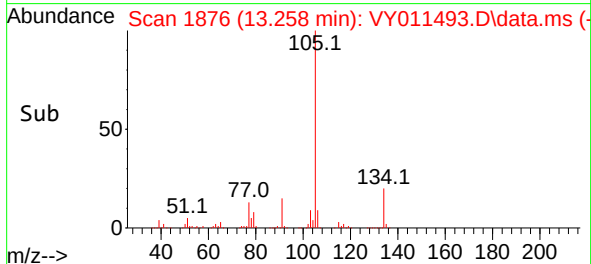
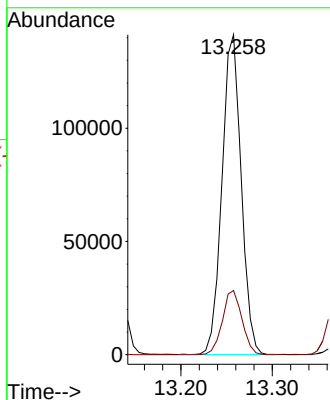
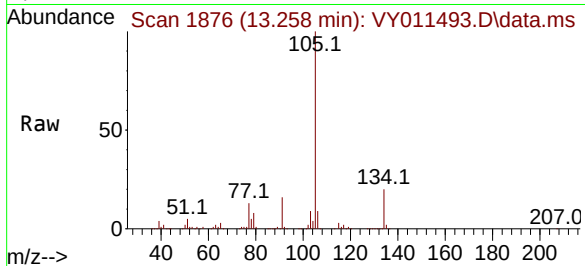
#85
 sec-Butylbenzene
 Concen: 19.986 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY011493.D
 Acq: 18 Nov 2022 11:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 206500
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

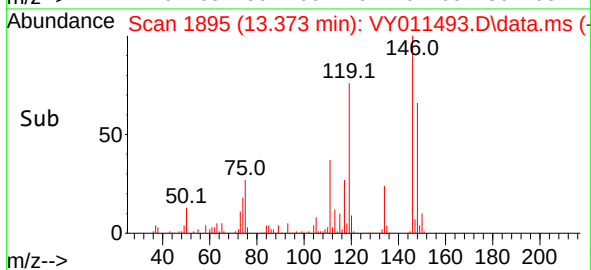
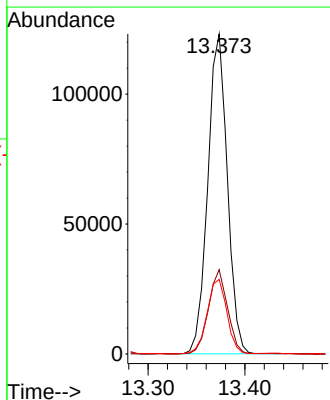
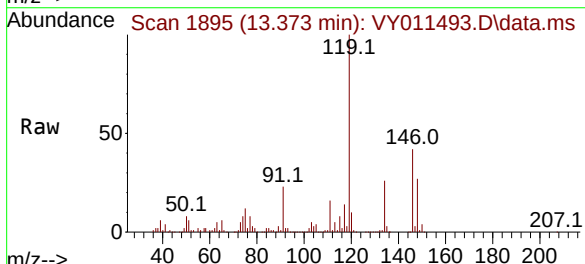
Manual Integrations
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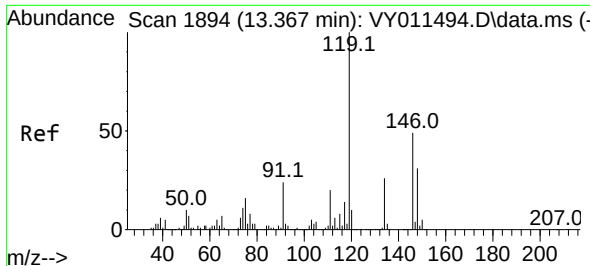
Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#86
 p-Isopropyltoluene
 Concen: 20.065 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY011493.D
 Acq: 18 Nov 2022 11:04

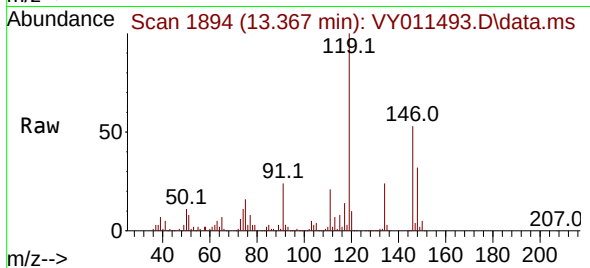
Tgt Ion:119 Resp: 172859
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 23.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.838 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

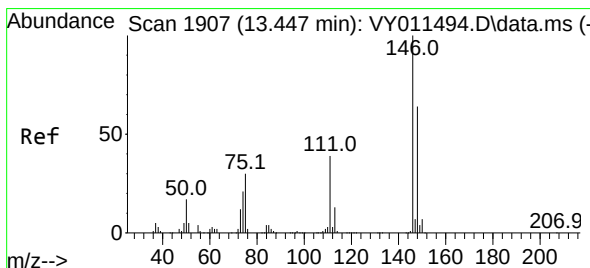
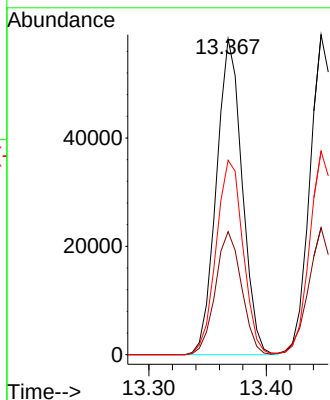
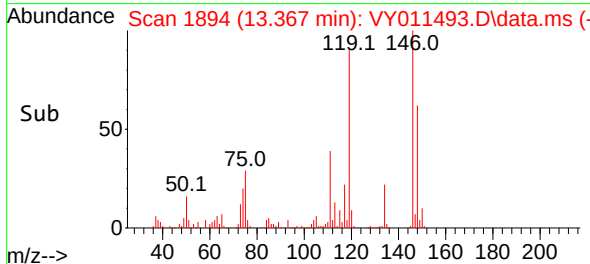
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



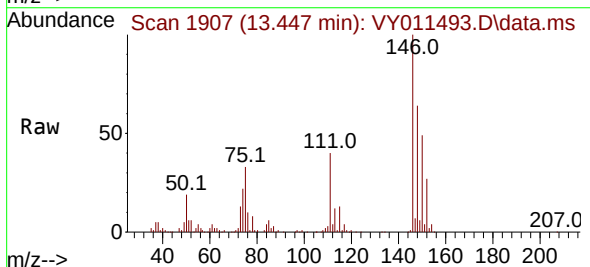
Tgt Ion:146 Resp: 88927
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 64.1 31.6 95.0

Manual Integrations
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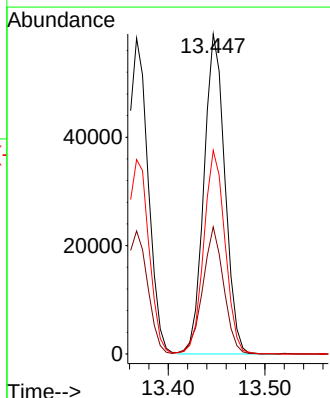
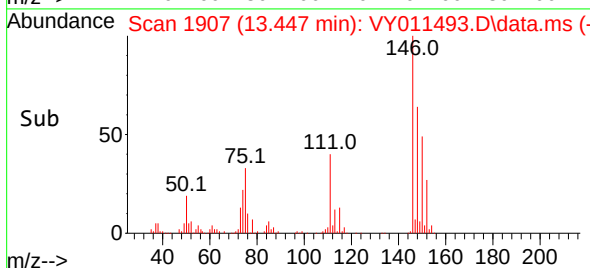
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

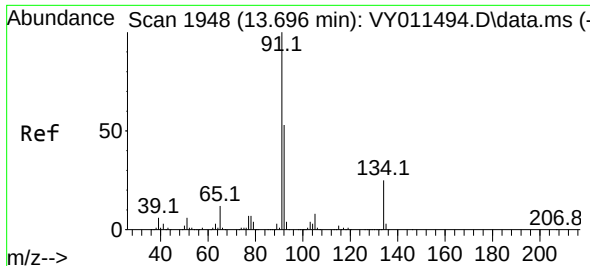


#88
1,4-Dichlorobenzene
Concen: 19.854 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04



Tgt Ion:146 Resp: 88747
Ion Ratio Lower Upper
146 100
111 39.9 19.3 57.8
148 64.7 32.6 97.8





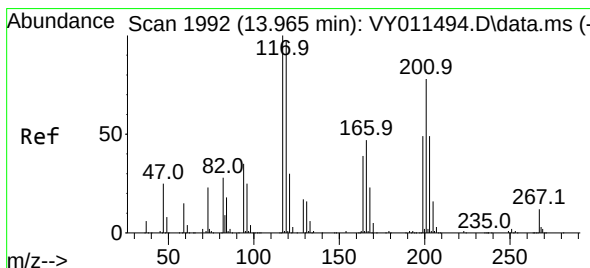
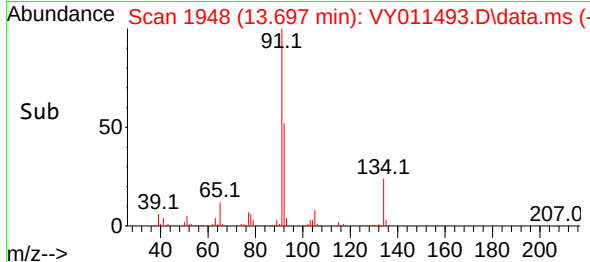
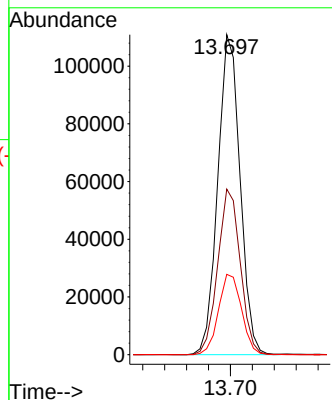
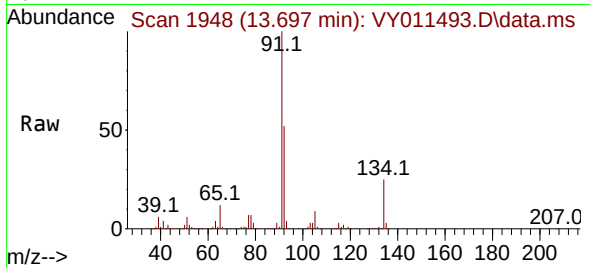
#89
n-Butylbenzene
Concen: 19.773 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 15675
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 25.9 13.0 38.9

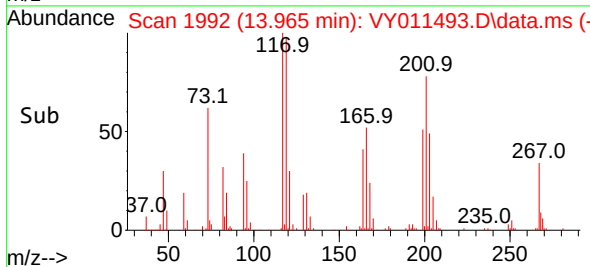
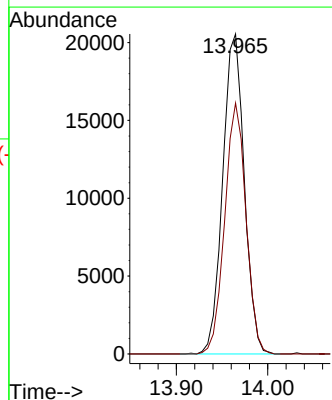
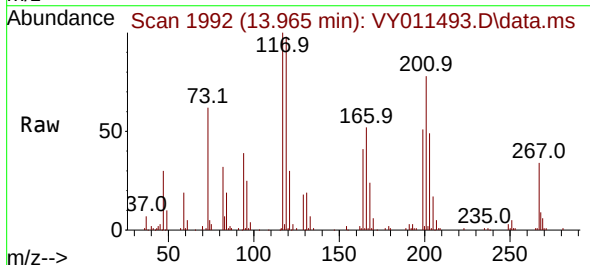
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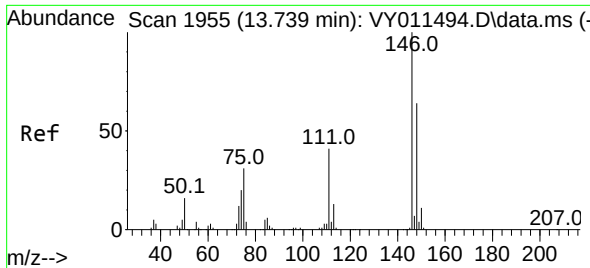
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#90
Hexachloroethane
Concen: 19.480 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion:117 Resp: 33728
Ion Ratio Lower Upper
117 100
201 77.2 43.0 128.8





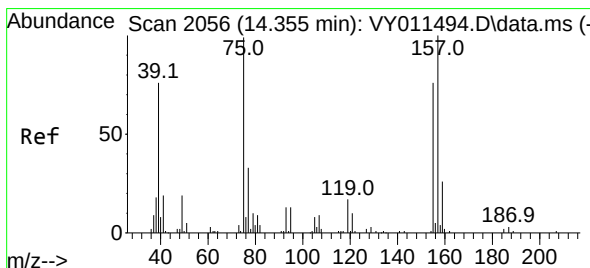
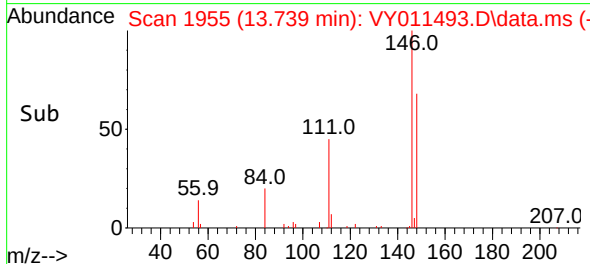
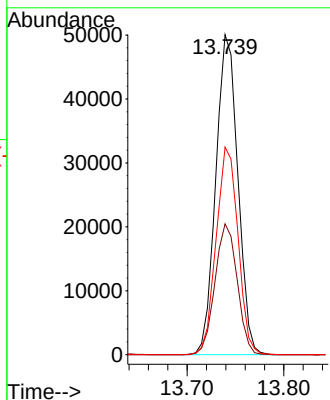
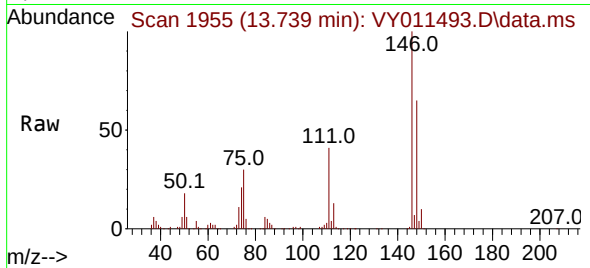
#91
1,2-Dichlorobenzene
Concen: 19.975 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 7918
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.9
148 64.5 32.3 96.9

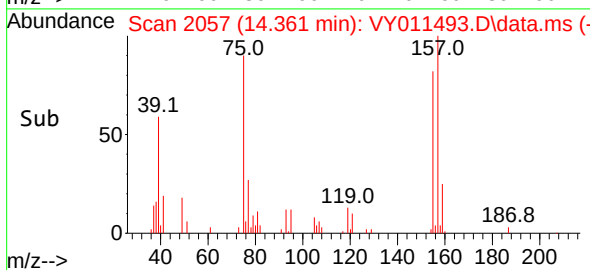
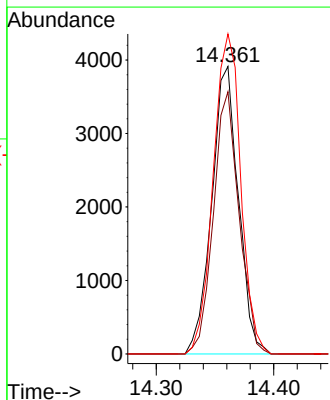
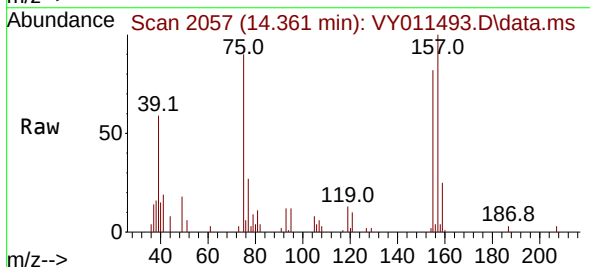
Manual Integrations
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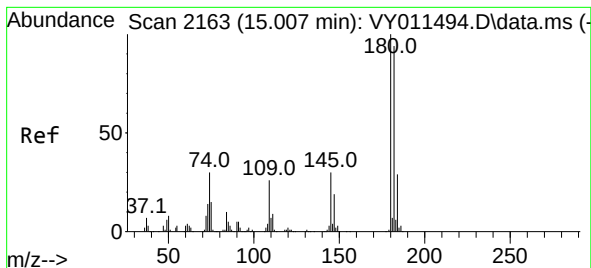
Reviewed By :Krupa Patel 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.208 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011493.D
Acq: 18 Nov 2022 11:04

Tgt Ion: 75 Resp: 6185
Ion Ratio Lower Upper
75 100
155 87.9 38.0 113.9
157 114.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.255 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

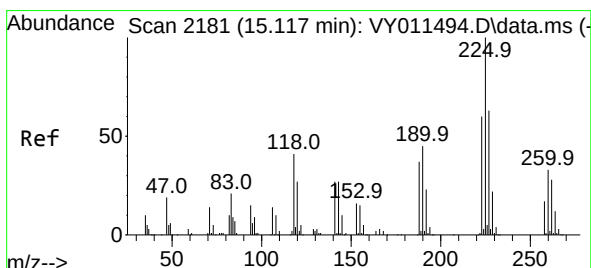
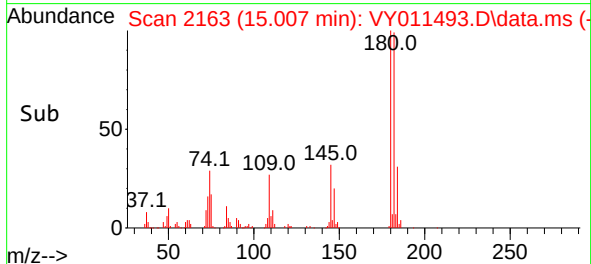
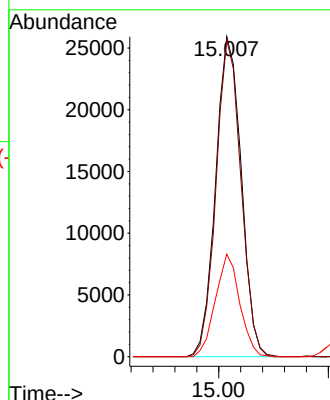
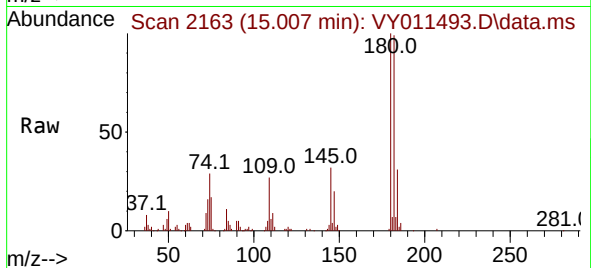
Tgt Ion:180	Resp:	4201
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.3 141.9
145	30.5	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#94

Hexachlorobutadiene

Concen: 19.965 ug/l

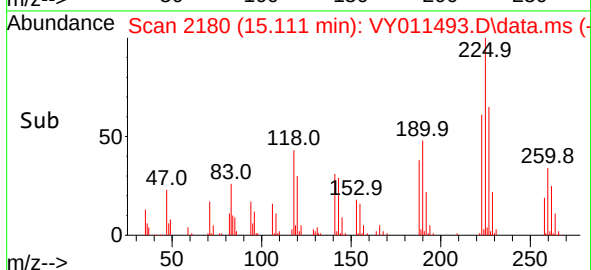
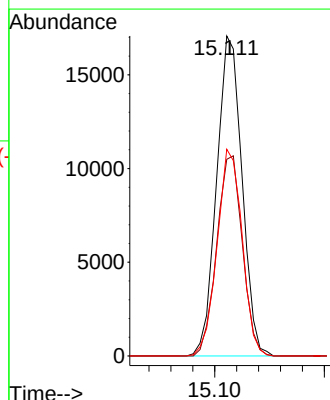
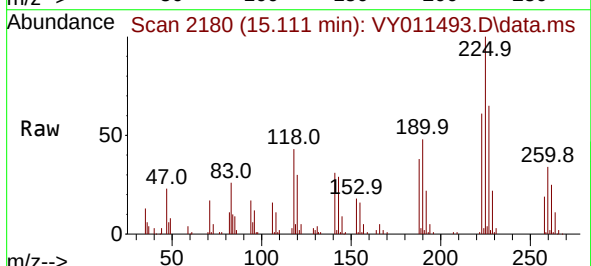
RT: 15.111 min Scan# 2180

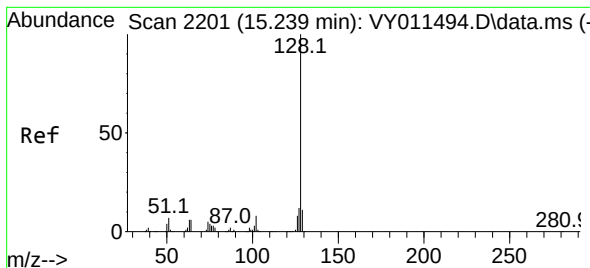
Delta R.T. -0.006 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion:225	Resp:	27417
Ion Ratio	Lower	Upper
225	100	
223	63.3	30.8 92.3
227	63.7	31.6 94.7





#95

Naphthalene

Concen: 19.261 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

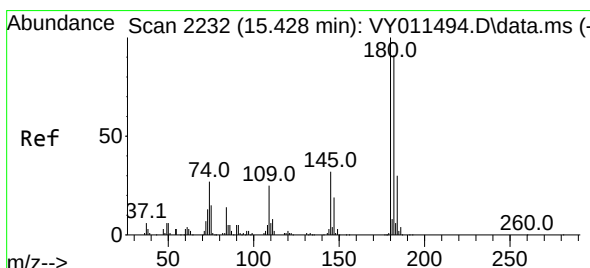
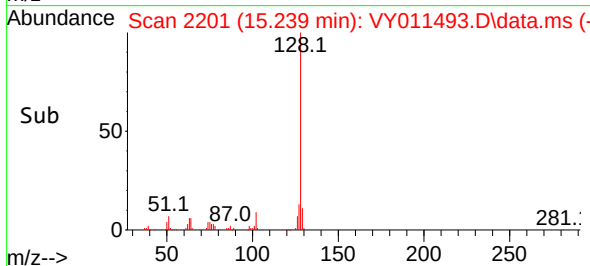
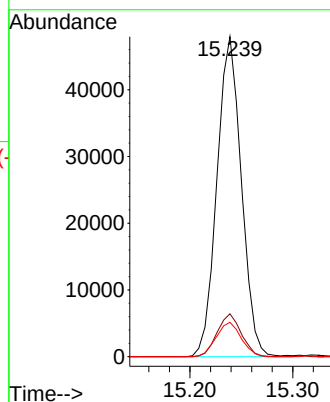
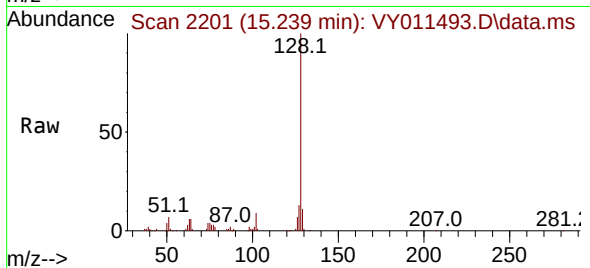
Tgt Ion:128	Resp:	7908
Ion Ratio	Lower	Upper
128	100	
127	13.2	11.0 16.4
129	11.1	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.780 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY011493.D

Acq: 18 Nov 2022 11:04

Tgt Ion:180	Resp:	36922
Ion Ratio	Lower	Upper
180	100	
182	95.1	47.3 141.9
145	31.9	15.3 45.9

