

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013163.D
 Acq On : 31 Mar 2023 16:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 00:08:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	119692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61268	47.631	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.716	113	59314	49.388	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.780%		
50) Toluene-d8	10.179	98	218424	48.176	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.360%		
62) 4-Bromofluorobenzene	12.483	95	73748	49.972	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48825	41.612	ug/l	97
3) Chloromethane	2.113	50	45613	37.278	ug/l	99
4) Vinyl Chloride	2.253	62	46474	37.883	ug/l	99
5) Bromomethane	2.650	94	36621	42.299	ug/l	93
6) Chloroethane	2.796	64	31285	40.711	ug/l	97
7) Trichlorofluoromethane	3.125	101	95615	43.792	ug/l	99
8) Diethyl Ether	3.528	74	33180	48.394	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	51314	42.628	ug/l	96
10) Methyl Iodide	4.088	142	78573	50.126	ug/l	98
11) Tert butyl alcohol	4.954	59	24667	212.767	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	50928	43.766	ug/l	96
13) Acrolein	3.729	56	34388	211.366	ug/l	100
14) Allyl chloride	4.479	41	89516	45.149	ug/l	94
15) Acrylonitrile	5.161	53	77528	227.559	ug/l	98
16) Acetone	3.942	43	84402	214.580	ug/l	99
17) Carbon Disulfide	4.192	76	165016	42.582	ug/l	100
18) Methyl Acetate	4.472	43	53796	43.406	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	148861	50.484	ug/l	100
20) Methylene Chloride	4.716	84	68031	50.115	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	61013	46.536	ug/l	94
22) Diisopropyl ether	6.119	45	187963	48.523	ug/l	98
23) Vinyl Acetate	6.058	43	526314	238.927	ug/l	97
24) 1,1-Dichloroethane	6.015	63	105406	45.945	ug/l	99
25) 2-Butanone	6.984	43	107972	219.533	ug/l	99
26) 2,2-Dichloropropane	6.978	77	93208	45.170	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	69241	49.021	ug/l	96
28) Bromochloromethane	7.332	49	47929	48.688	ug/l	88
29) Tetrahydrofuran	7.344	42	66436	228.189	ug/l	96
30) Chloroform	7.508	83	113244	47.667	ug/l	100
31) Cyclohexane	7.783	56	85324	40.631	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	98279	46.789	ug/l	99
36) 1,1-Dichloropropene	7.917	75	80577	44.567	ug/l	99
37) Ethyl Acetate	7.070	43	45143	43.954	ug/l	98
38) Carbon Tetrachloride	7.899	117	88813	44.520	ug/l	99
39) Methylcyclohexane	9.185	83	93089	43.887	ug/l	98
40) Benzene	8.161	78	243533	46.636	ug/l	98

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 Supervised By :Mahesh Dadoda 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21419m	47.009	ug/l	
42) 1,2-Dichloroethane	8.234	62	76849	48.034	ug/l	99
43) Isopropyl Acetate	8.271	43	84053	45.721	ug/l	97
44) Trichloroethene	8.941	130	65756	45.742	ug/l	99
45) 1,2-Dichloropropane	9.216	63	60131	45.985	ug/l	97
46) Dibromomethane	9.301	93	35611	47.407	ug/l	95
47) Bromodichloromethane	9.496	83	87381	48.210	ug/l #	98
48) Methyl methacrylate	9.289	41	39086	45.651	ug/l	91
49) 1,4-Dioxane	9.295	88	8599	962.250	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	223937	225.705	ug/l	98
52) Toluene	10.240	92	153656	47.436	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	90114	48.641	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	102728	48.552	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	49648	47.815	ug/l	98
56) Ethyl methacrylate	10.508	69	64730	49.582	ug/l	96
57) 1,3-Dichloropropane	10.788	76	83880	47.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	149210	244.433	ug/l	96
59) 2-Hexanone	10.831	43	162760	226.825	ug/l	99
60) Dibromochloromethane	10.983	129	63999	49.074	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47430	47.144	ug/l	99
64) Tetrachloroethene	10.721	164	59278	45.684	ug/l	98
65) Chlorobenzene	11.514	112	168689	47.079	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	64209	47.799	ug/l	99
67) Ethyl Benzene	11.593	91	291462	47.097	ug/l	100
68) m/p-Xylenes	11.703	106	229621	95.917	ug/l	99
69) o-Xylene	12.026	106	108669	48.939	ug/l	98
70) Styrene	12.044	104	187486	50.474	ug/l	99
71) Bromoform	12.209	173	41113	49.357	ug/l #	97
73) Isopropylbenzene	12.331	105	280816	47.192	ug/l	100
74) N-amyl acetate	12.142	43	73816	45.180	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	56717	45.503	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	42564m	43.952	ug/l	
77) Bromobenzene	12.605	156	72263	48.845	ug/l	91
78) n-propylbenzene	12.672	91	337863	46.178	ug/l	99
79) 2-Chlorotoluene	12.758	91	194871	46.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	238380	47.916	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19872	45.762	ug/l	97
82) 4-Chlorotoluene	12.855	91	201994	46.749	ug/l	100
83) tert-Butylbenzene	13.075	119	204979	47.970	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	235756	48.389	ug/l	100
85) sec-Butylbenzene	13.251	105	298097	46.202	ug/l	99
86) p-Isopropyltoluene	13.367	119	254097	47.839	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	140066	47.760	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	139153	47.351	ug/l	99
89) n-Butylbenzene	13.696	91	229033	46.125	ug/l	99
90) Hexachloroethane	13.959	117	50291	45.451	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	123553	47.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9160	44.164	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	76288	49.948	ug/l	99
94) Hexachlorobutadiene	15.111	225	45085	47.996	ug/l	99
95) Naphthalene	15.233	128	142890	44.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	65690	48.816	ug/l	98

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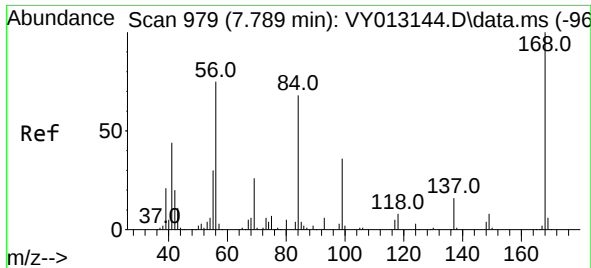
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/03/2023

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



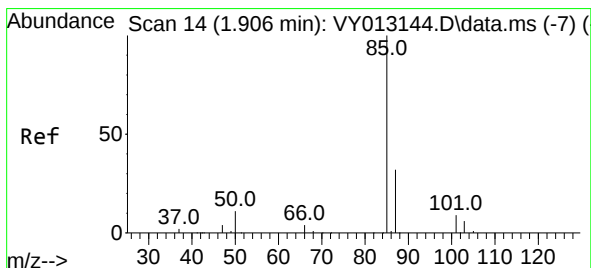
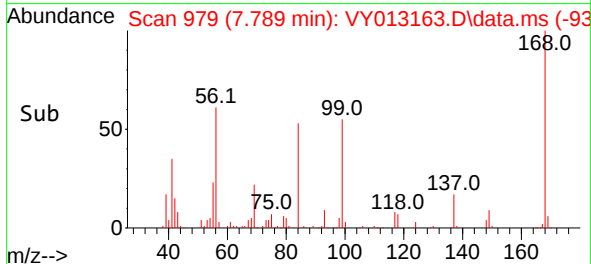
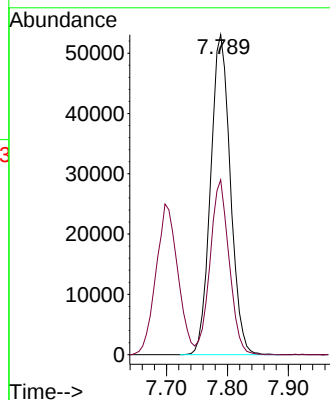
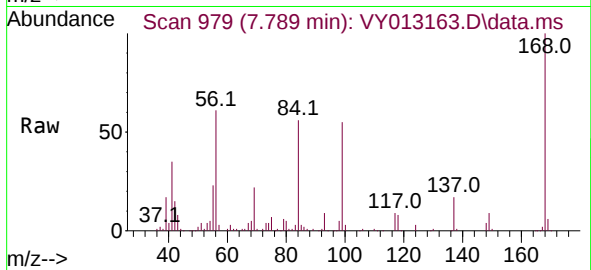
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013163.D
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 11969
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5

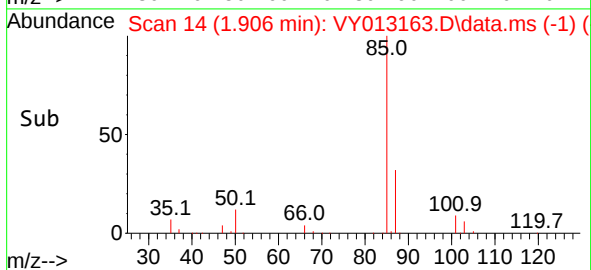
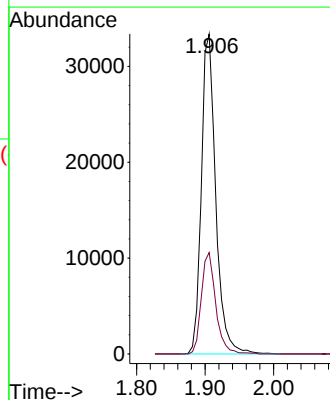
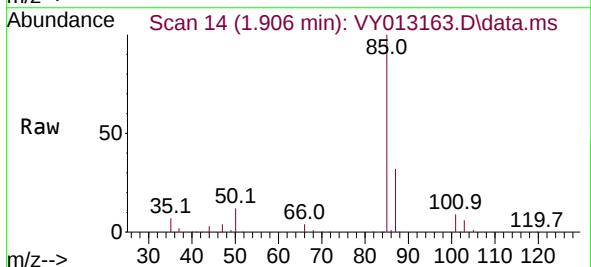
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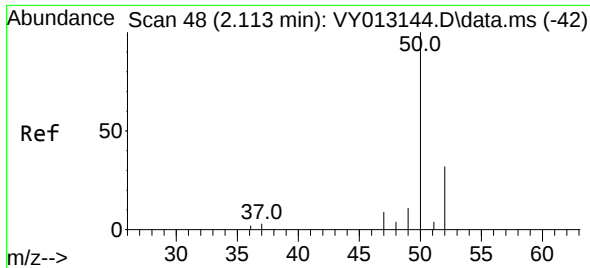
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 41.612 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 85 Resp: 48825
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0





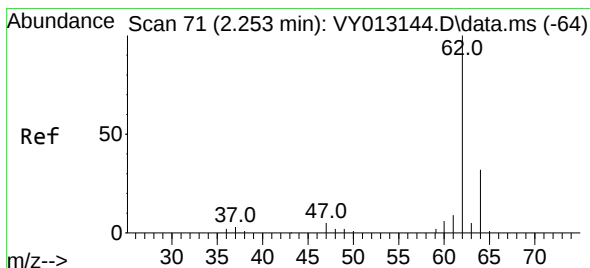
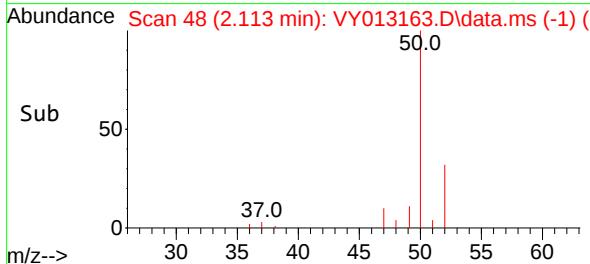
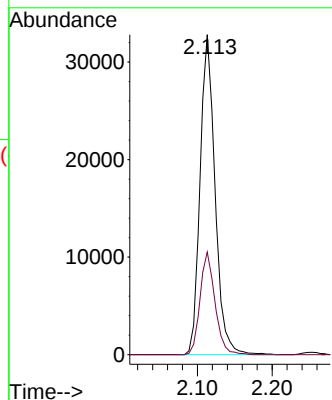
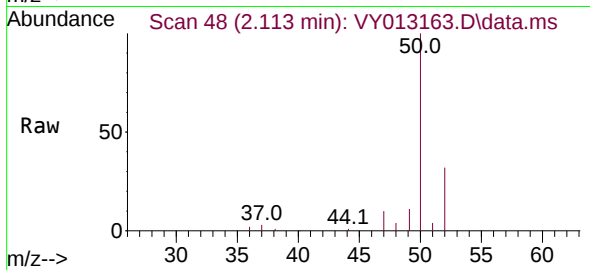
#3
Chloromethane
Concen: 37.278 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 4561
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0

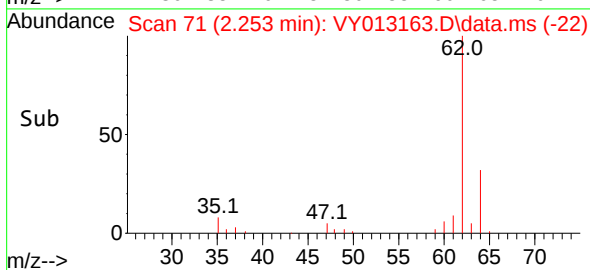
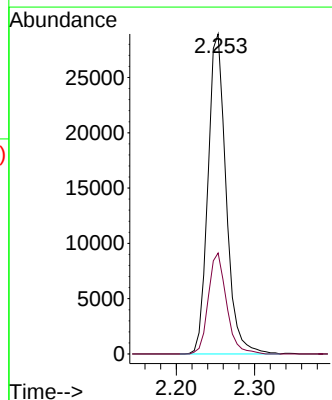
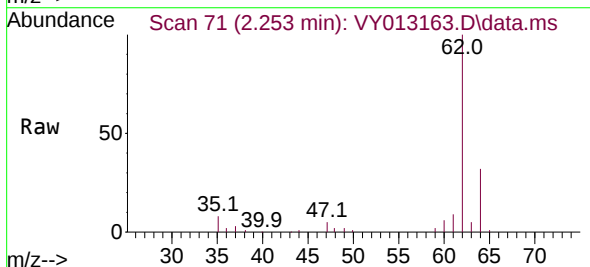
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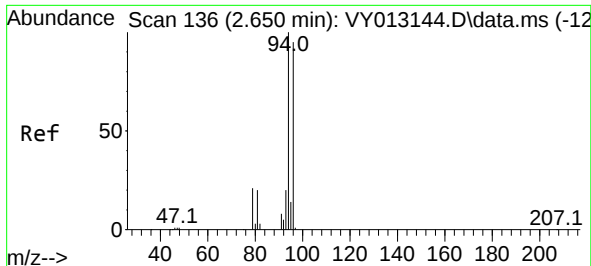
Reviewed By :Krupa Patel 04/03/2023
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#4
Vinyl Chloride
Concen: 37.883 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

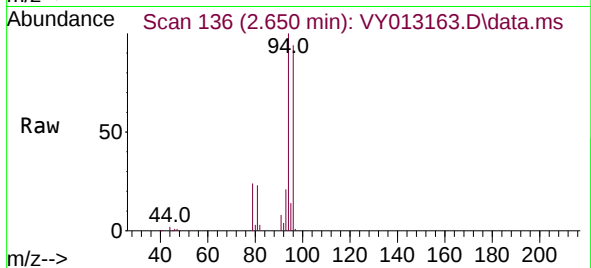
Tgt Ion: 62 Resp: 46474
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4





#5
Bromomethane
Concen: 42.299 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013163.D
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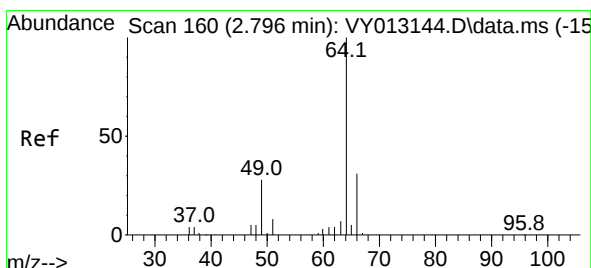
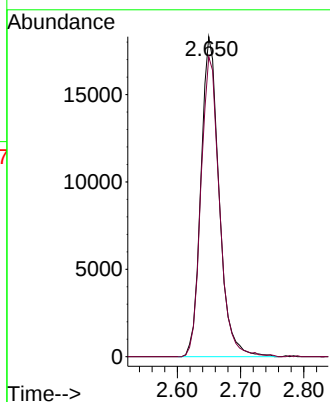
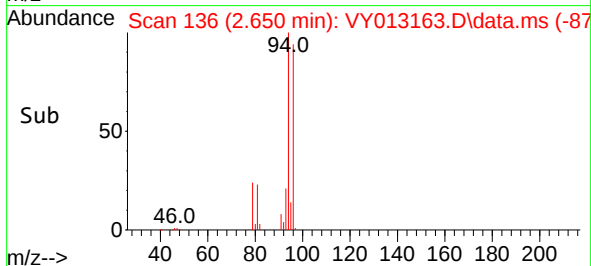
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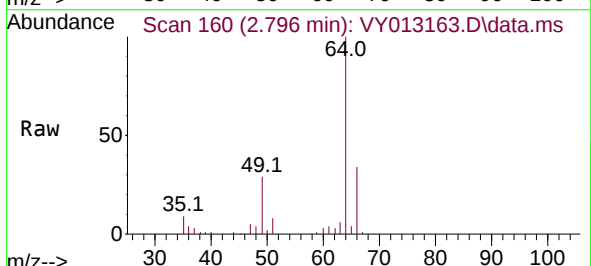
Tgt Ion: 94 Resp: 3662
Ion Ratio Lower Upper
94 100
96 93.7 80.3 120.5

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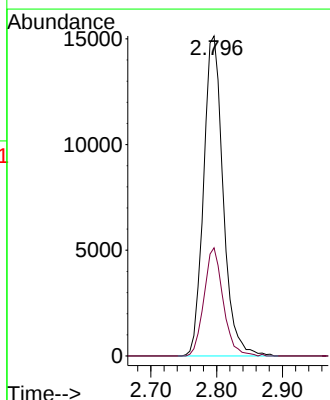
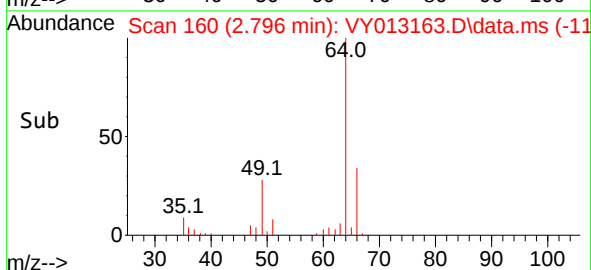
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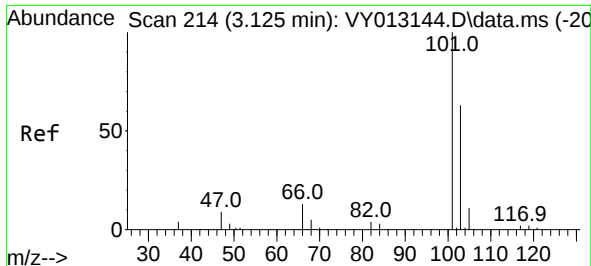


#6
Chloroethane
Concen: 40.711 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY013163.D
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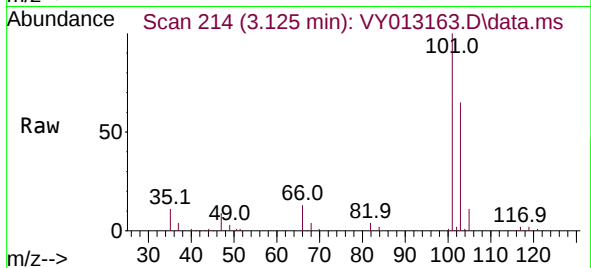
Tgt Ion: 64 Resp: 31285
Ion Ratio Lower Upper
64 100
66 33.8 25.7 38.5





#7
Trichlorofluoromethane
Concen: 43.792 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013163.D
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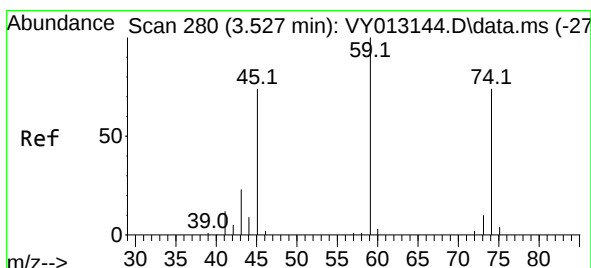
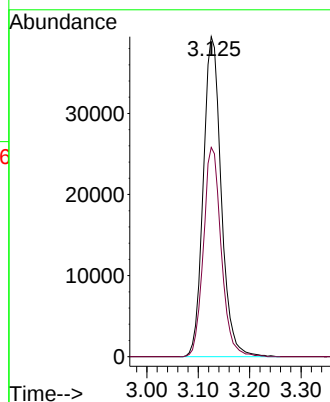
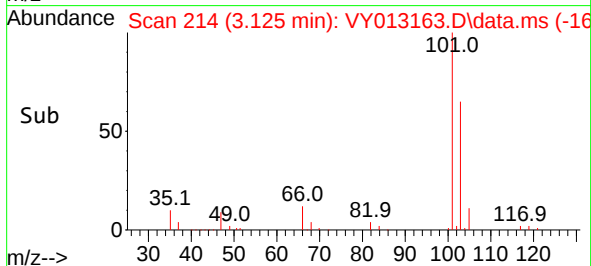
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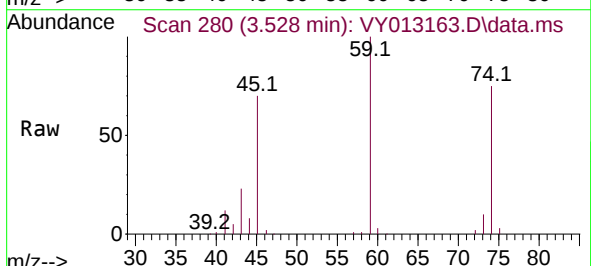
Tgt Ion:101 Resp: 9561
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

Manual Integrations
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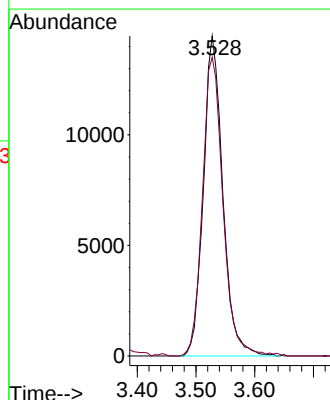
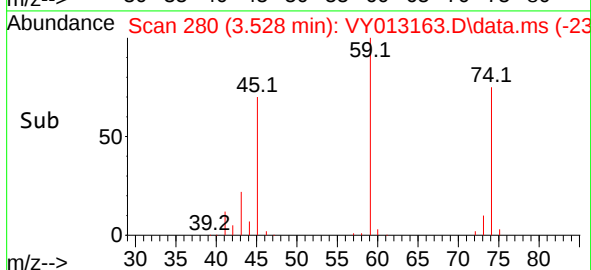
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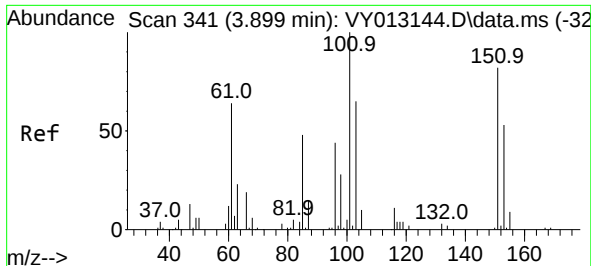


#8
Diethyl Ether
Concen: 48.394 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



Tgt Ion: 74 Resp: 33180
Ion Ratio Lower Upper
74 100
45 98.4 52.1 156.4





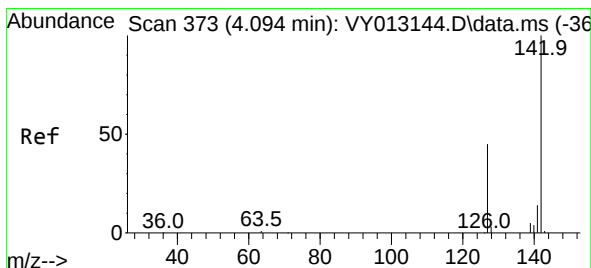
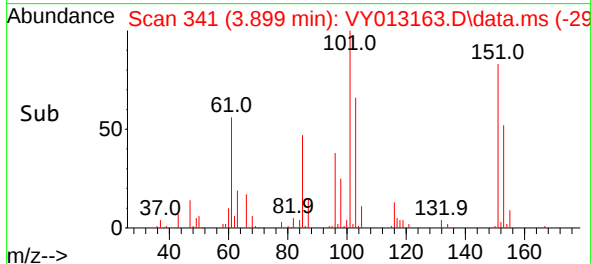
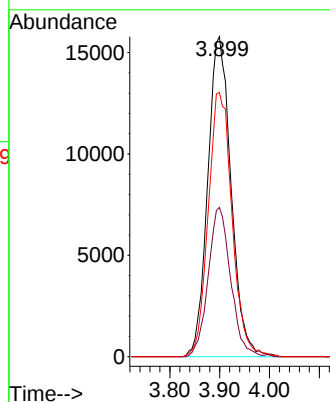
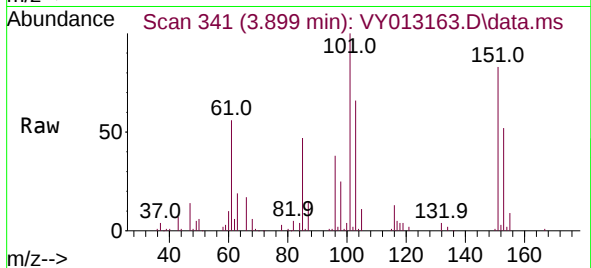
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.628 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 51314
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 84.3 63.1 94.7

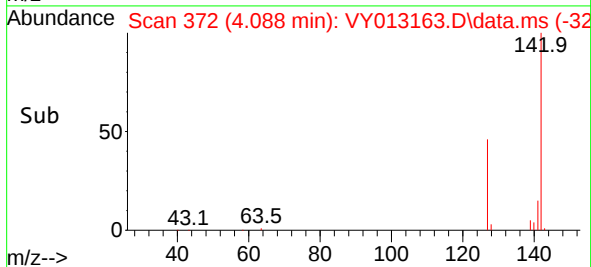
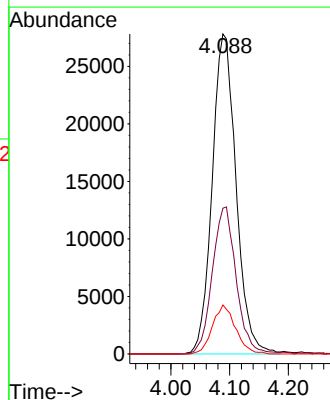
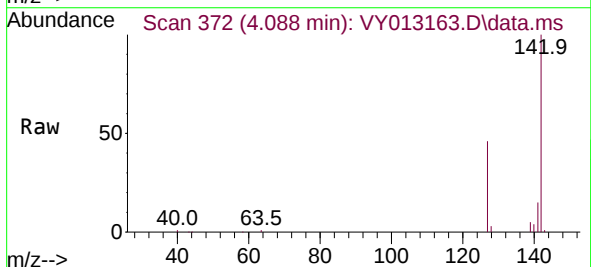
Manual Integrations
APPROVED

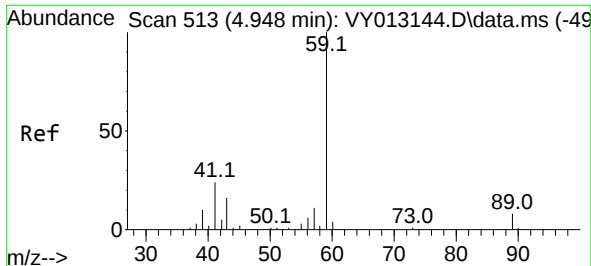
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
Methyl Iodide
Concen: 50.126 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:142 Resp: 78573
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.2
141 14.8 11.3 16.9





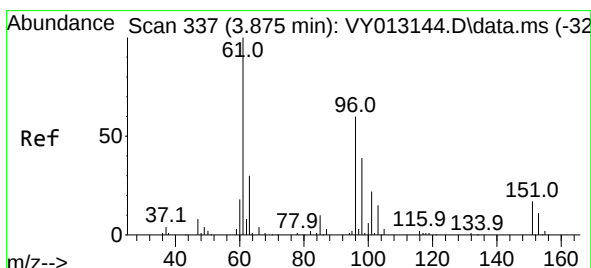
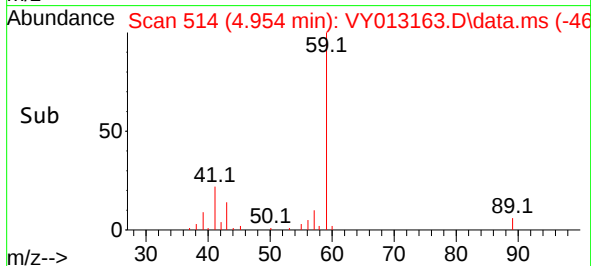
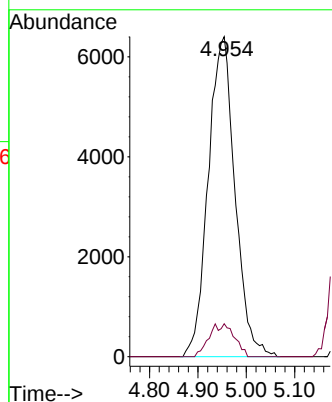
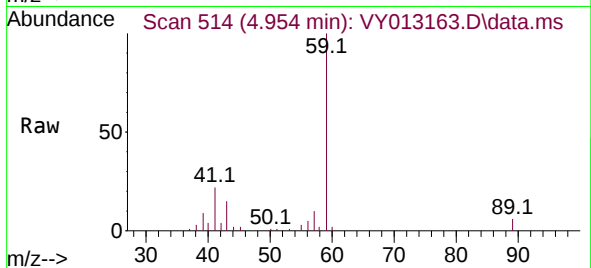
#11
Tert butyl alcohol
Concen: 212.767 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 2466
Ion Ratio Lower Upper
59 100
57 4.2 7.7 11.5

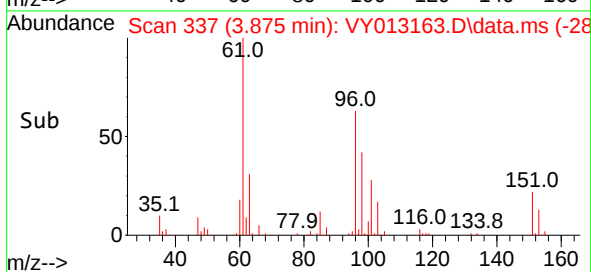
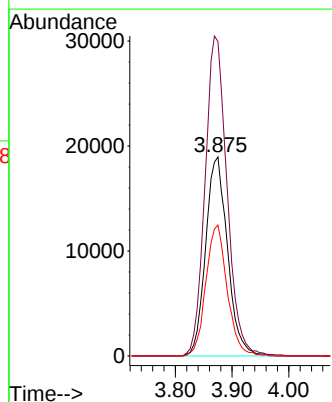
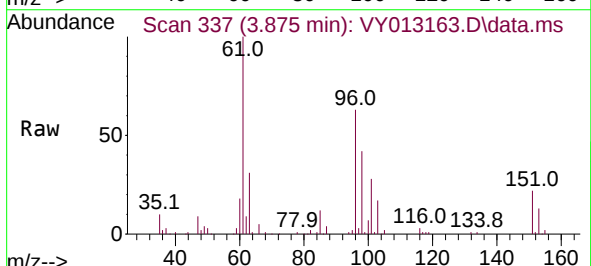
Manual Integrations
APPROVED

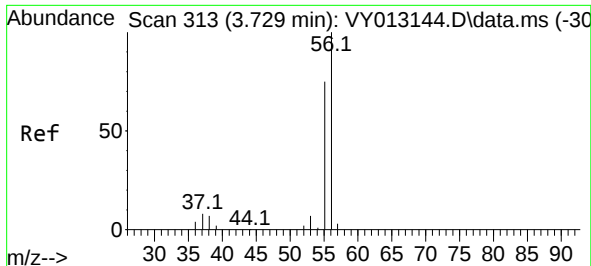
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
1,1-Dichloroethene
Concen: 43.766 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

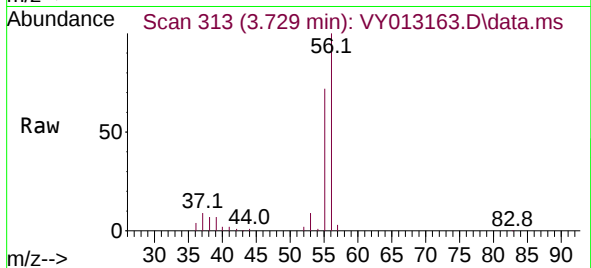
Tgt Ion: 96 Resp: 50928
Ion Ratio Lower Upper
96 100
61 158.0 131.7 197.5
98 65.7 52.0 78.0





#13
Acrolein
Concen: 211.366 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

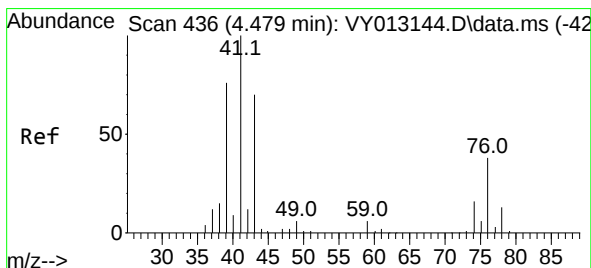
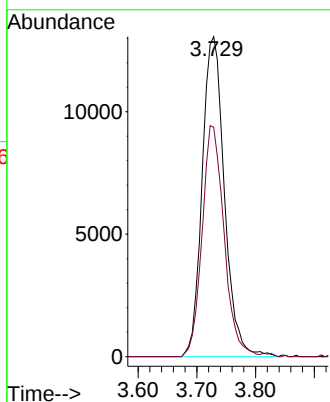
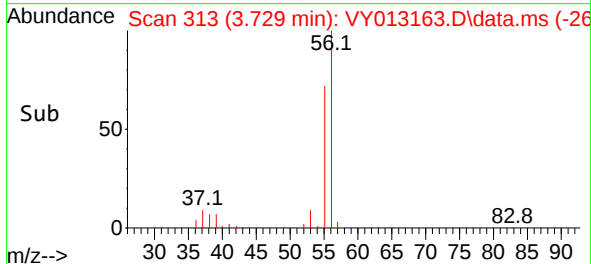
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



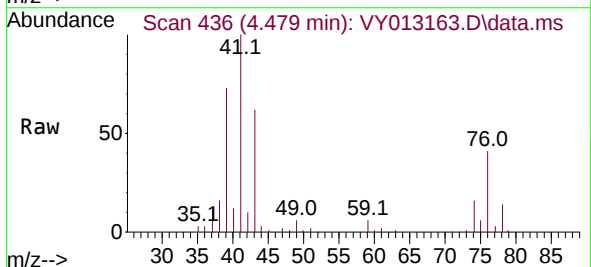
Tgt Ion: 56 Resp: 3438
Ion Ratio Lower Upper
56 100
55 71.2 56.8 85.2

Manual Integrations
APPROVED

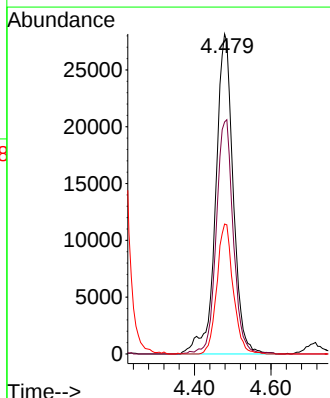
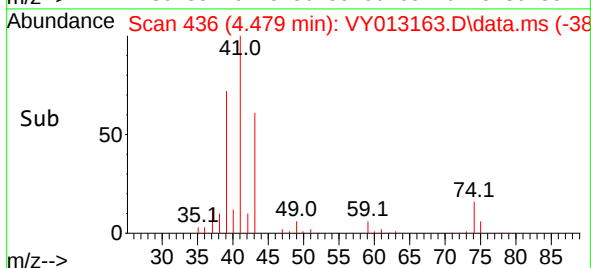
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

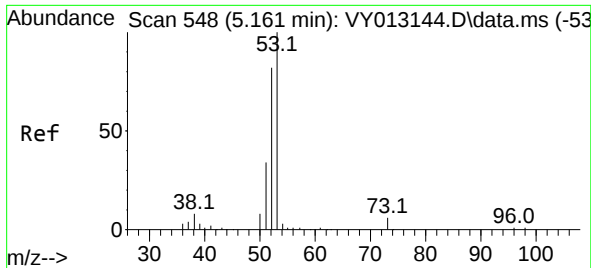


#14
Allyl chloride
Concen: 45.149 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



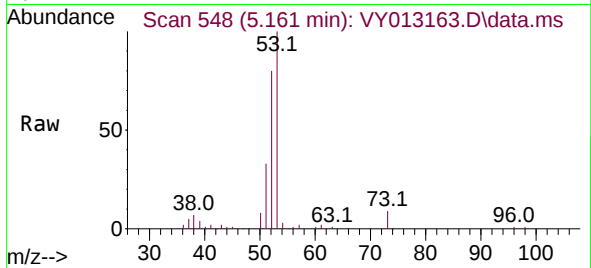
Tgt Ion: 41 Resp: 89516
Ion Ratio Lower Upper
41 100
39 71.1 53.6 80.4
76 37.7 27.2 40.8





#15
Acrylonitrile
Concen: 227.559 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

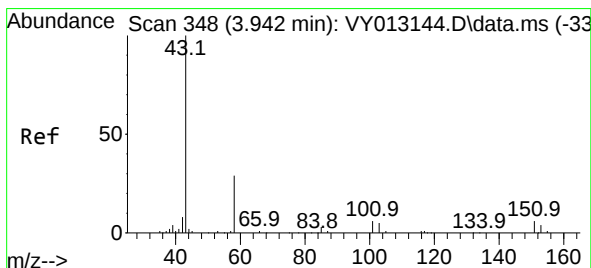
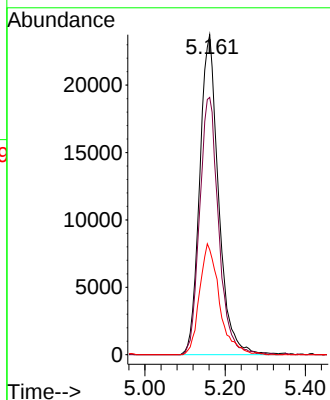
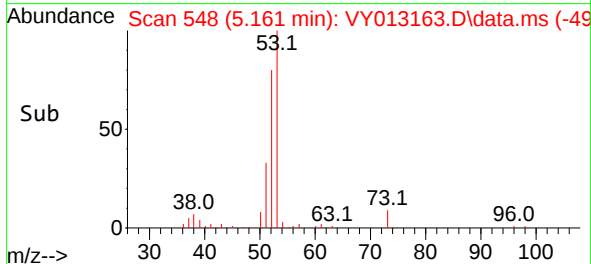
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 77528
Ion Ratio Lower Upper
53 100
52 80.9 66.3 99.5
51 36.5 28.8 43.2

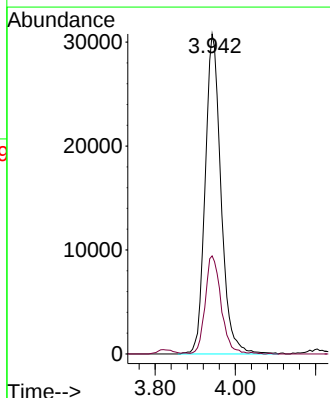
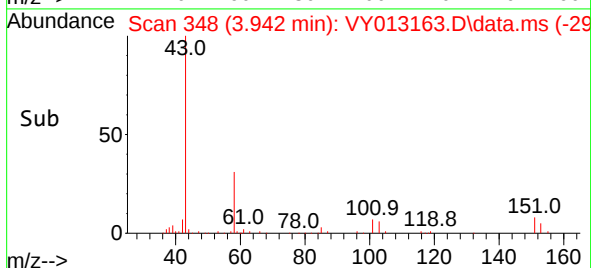
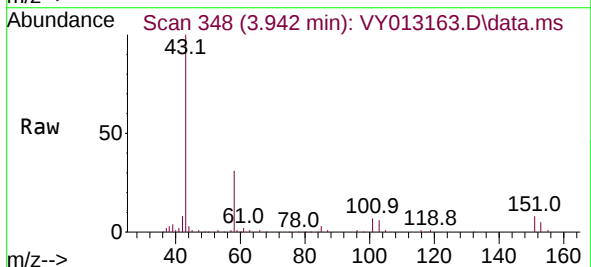
Manual Integrations
APPROVED

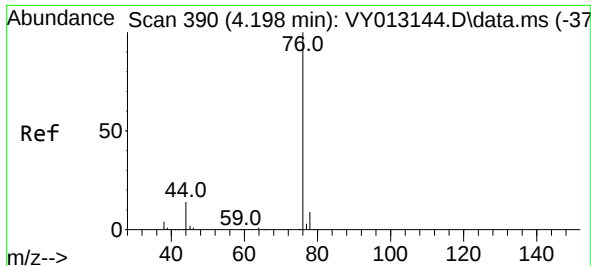
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Acetone
Concen: 214.580 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

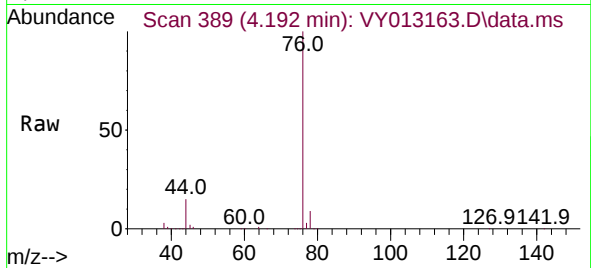
Tgt Ion: 43 Resp: 84402
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.2





#17
Carbon Disulfide
Concen: 42.582 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

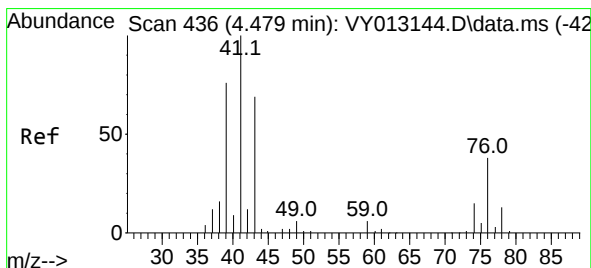
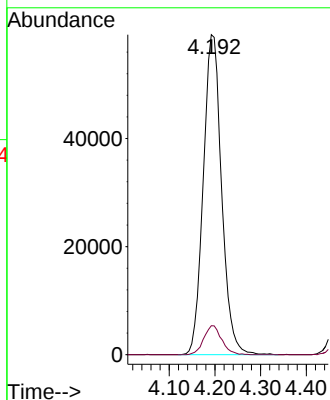
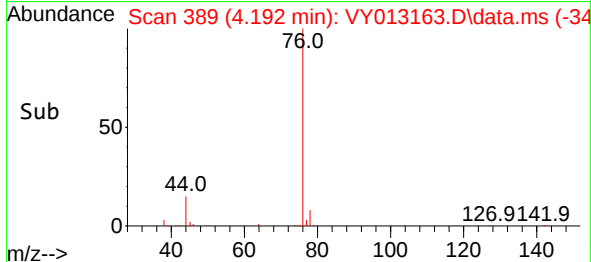
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 165010
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

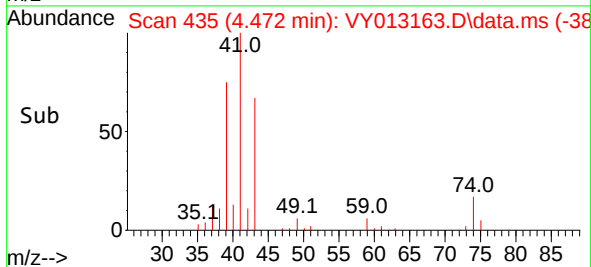
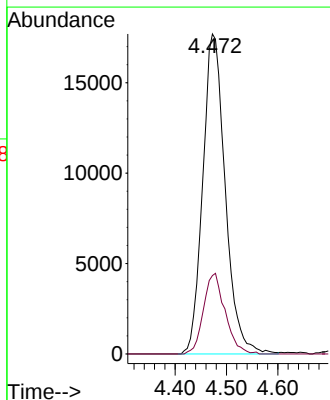
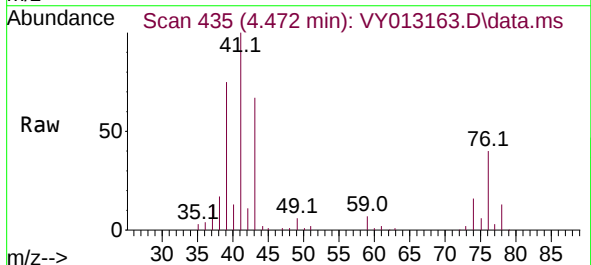
Manual Integrations
APPROVED

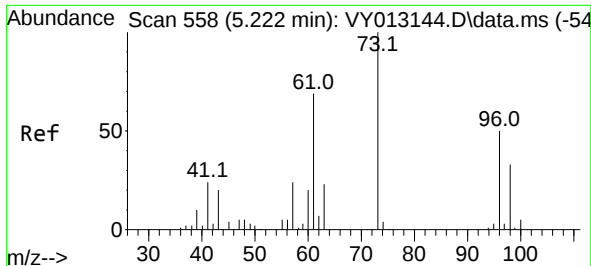
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#18
Methyl Acetate
Concen: 43.406 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 43 Resp: 53796
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0





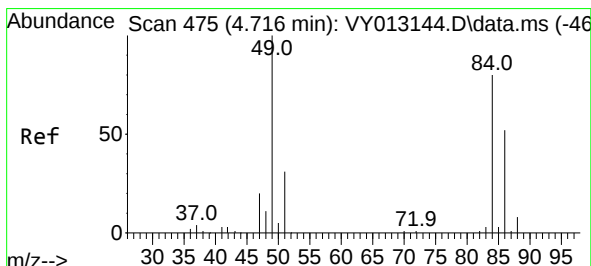
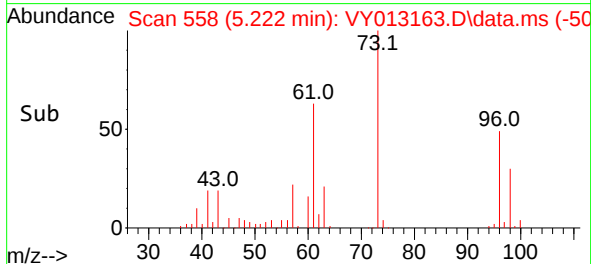
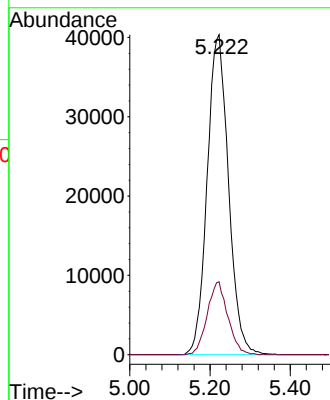
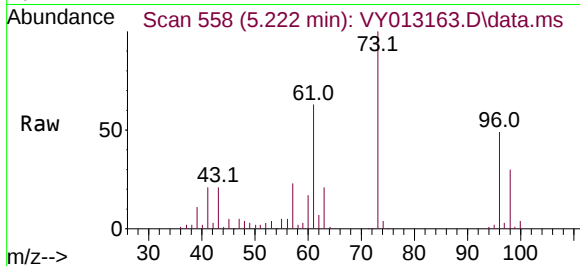
#19
Methyl tert-butyl Ether
Concen: 50.484 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 14886
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5

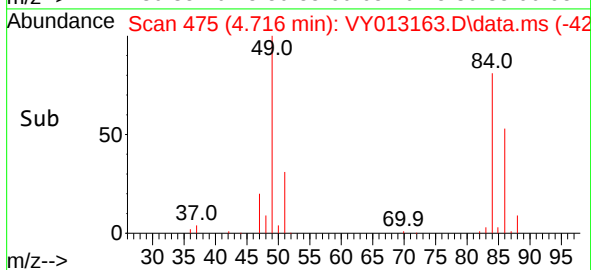
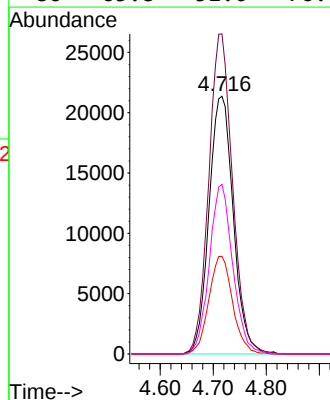
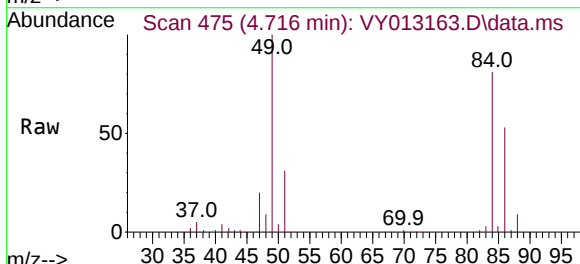
Manual Integrations
APPROVED

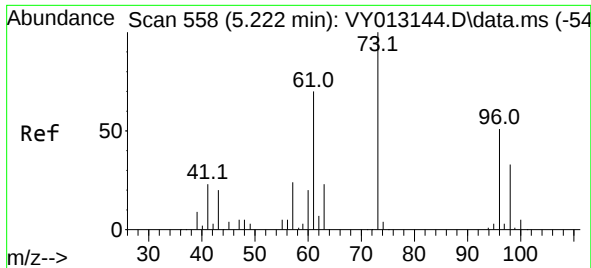
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Methylene Chloride
Concen: 50.115 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 84 Resp: 68031
Ion Ratio Lower Upper
84 100
49 124.1 102.6 154.0
51 37.9 31.9 47.9
86 65.8 51.0 76.6





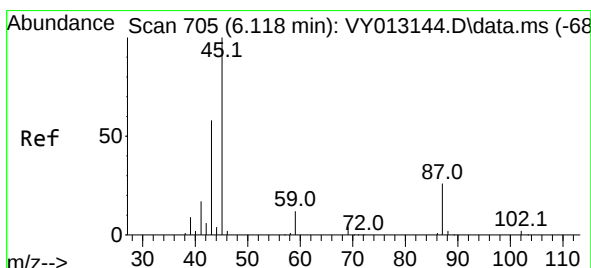
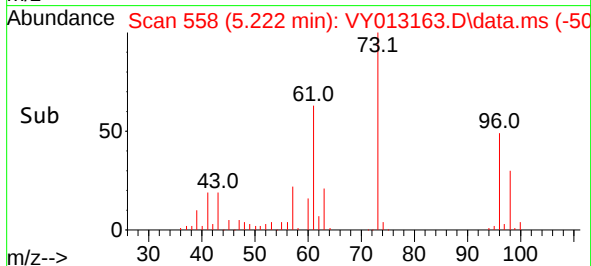
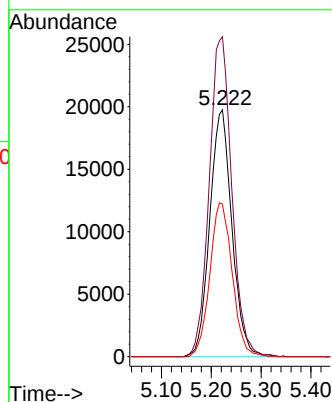
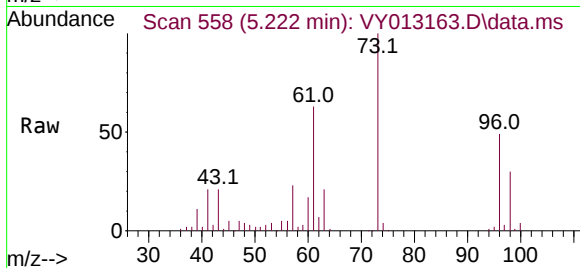
#21
trans-1,2-Dichloroethene
Concen: 46.536 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 6101
Ion Ratio Lower Upper
96 100
61 129.6 111.4 167.0
98 61.8 50.8 76.2

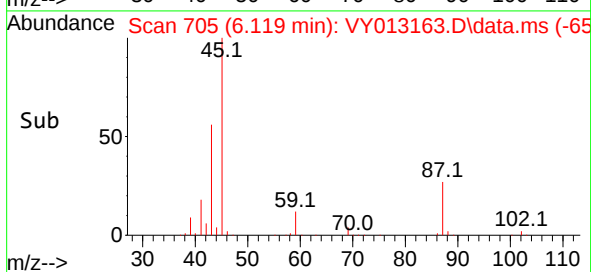
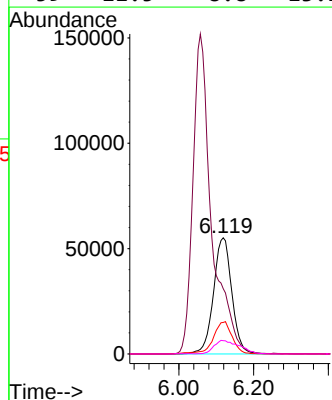
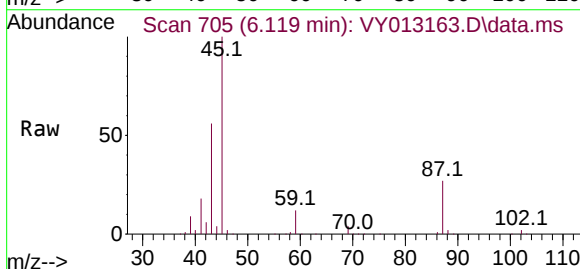
Manual Integrations
APPROVED

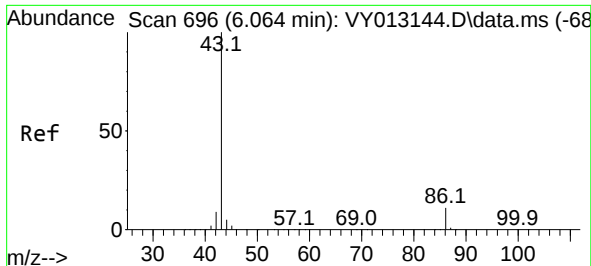
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#22
Diisopropyl ether
Concen: 48.523 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 45 Resp: 187963
Ion Ratio Lower Upper
45 100
43 55.7 45.0 67.6
87 27.2 20.3 30.5
59 11.5 8.8 13.2





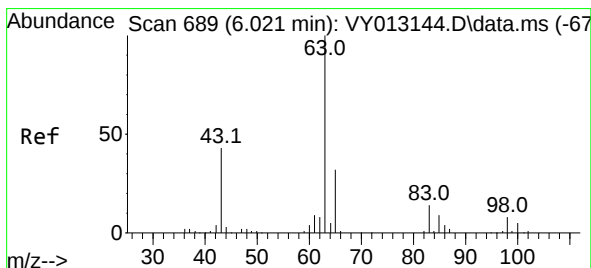
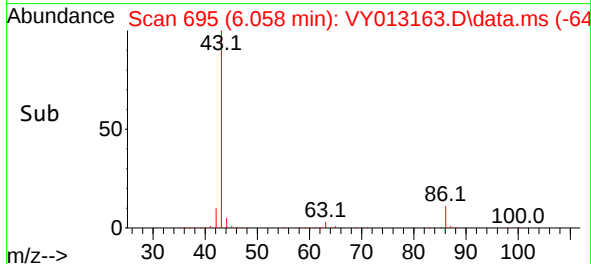
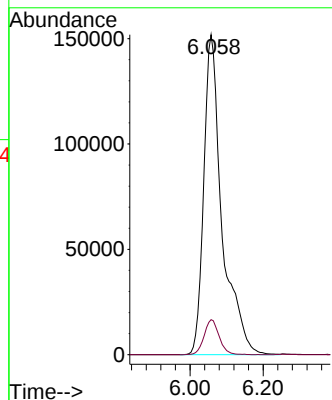
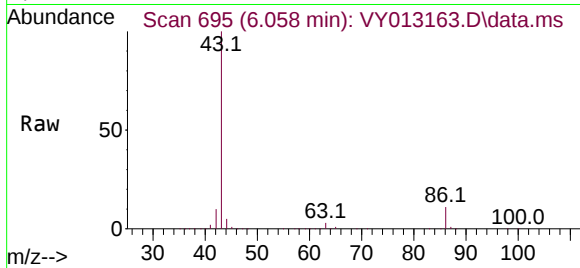
#23
 Vinyl Acetate
 Concen: 238.927 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 526314
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

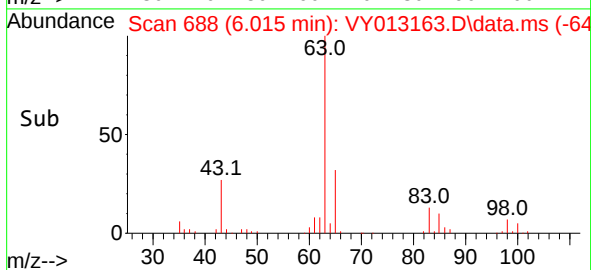
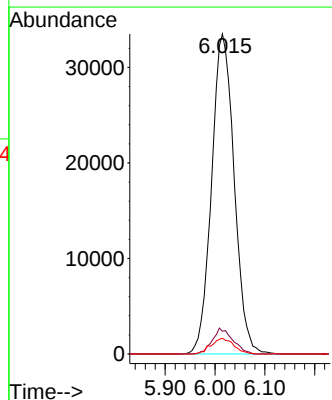
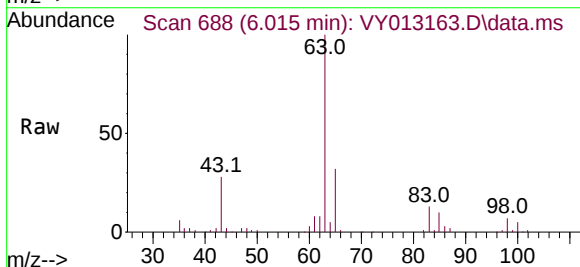
Manual Integrations
 APPROVED

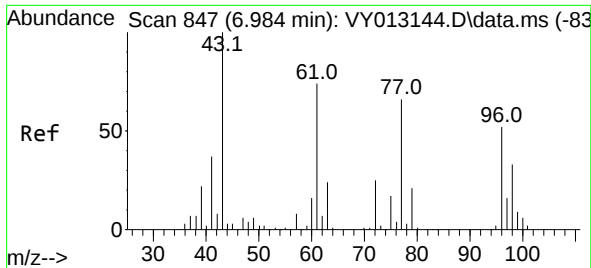
Reviewed By :Krupa Patel 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#24
 1,1-Dichloroethane
 Concen: 45.945 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013163.D
 Acq: 31 Mar 2023 16:29

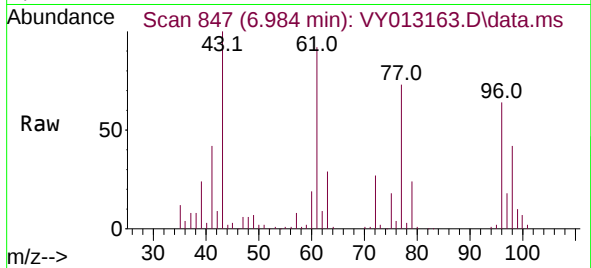
Tgt Ion: 63 Resp: 105406
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 219.533 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

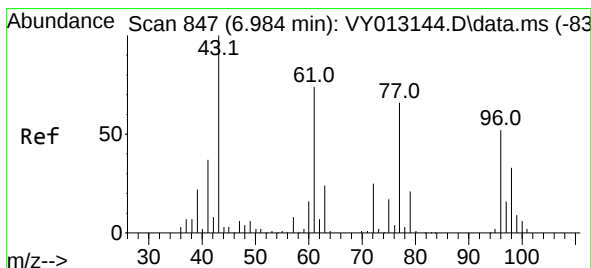
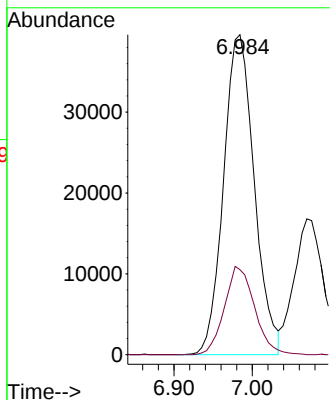
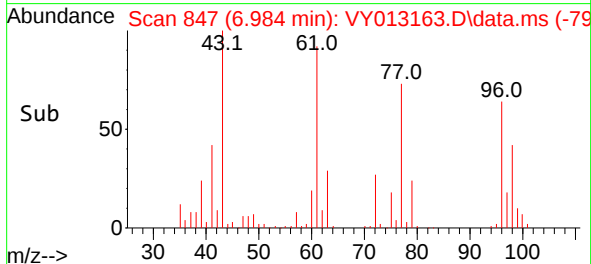
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



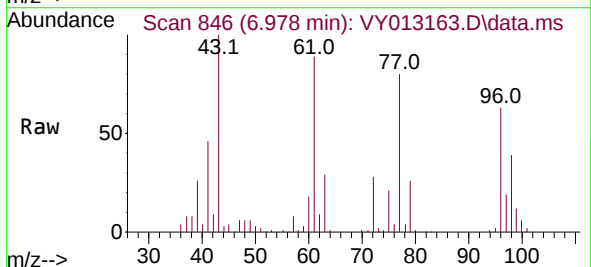
Tgt Ion: 43 Resp: 107972
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.4

Manual Integrations
APPROVED

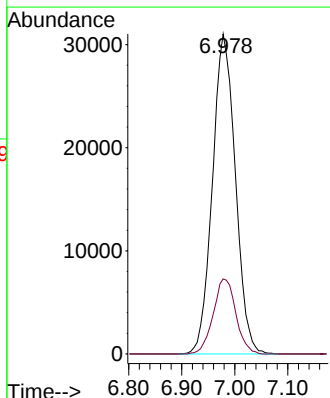
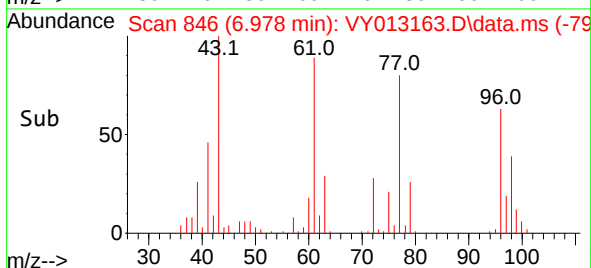
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

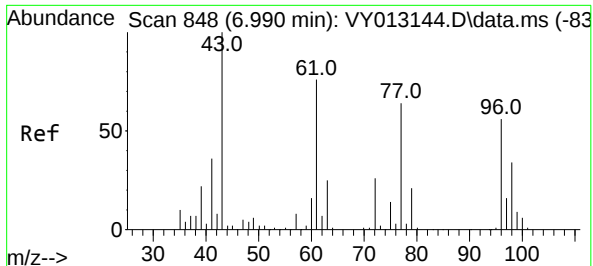


#26
2,2-Dichloropropane
Concen: 45.170 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



Tgt Ion: 77 Resp: 93208
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.021 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6924

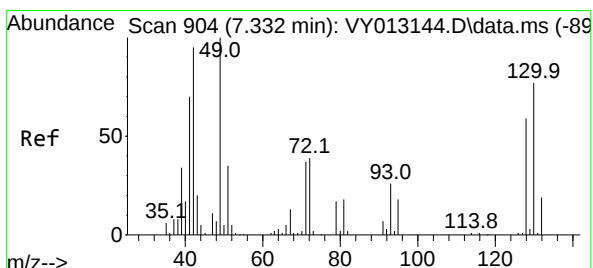
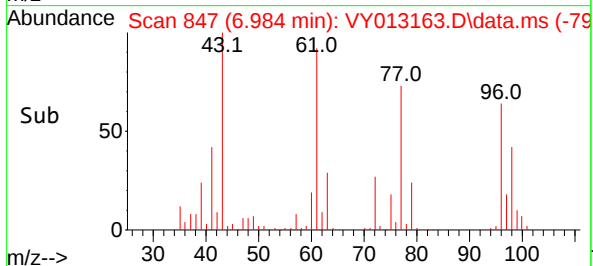
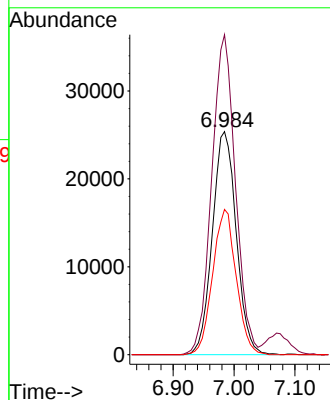
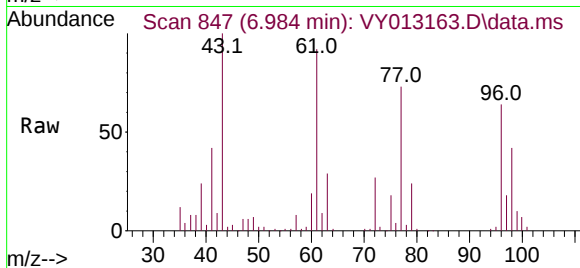
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	295.8
98	64.1	0.0	130.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#28

Bromochloromethane

Concen: 48.688 ug/l

RT: 7.332 min Scan# 904

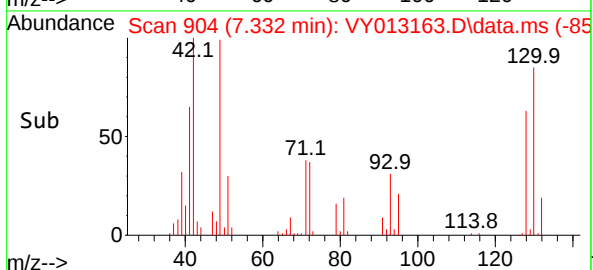
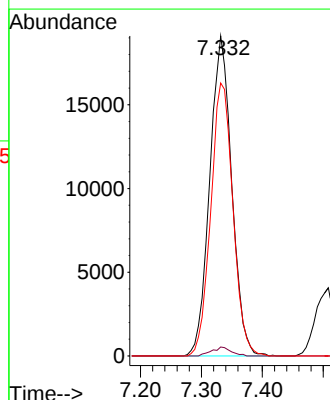
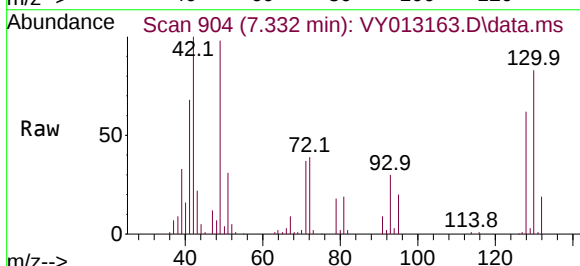
Delta R.T. 0.000 min

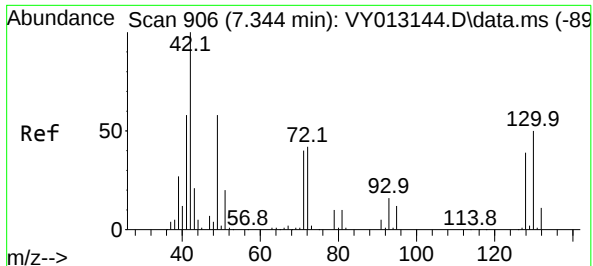
Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion: 49 Resp: 47929

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	85.9	60.5	90.7





#29

Tetrahydrofuran

Concen: 228.189 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 66430

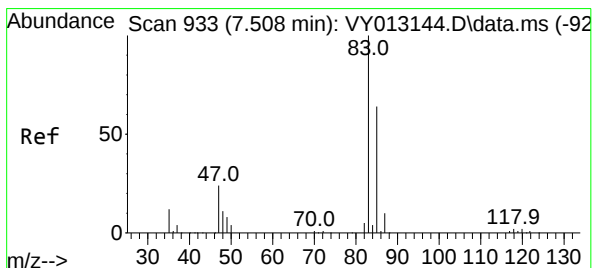
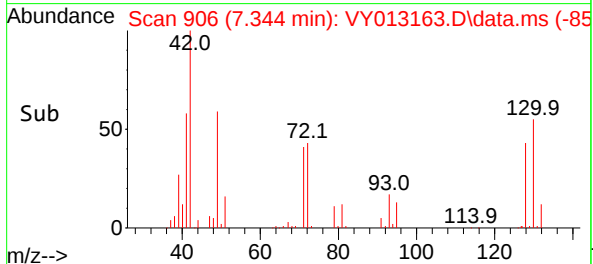
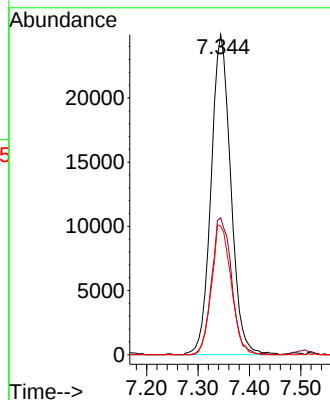
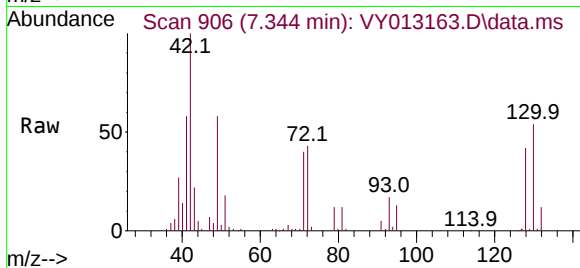
Ion	Ratio	Lower	Upper
42	100		
72	43.2	32.3	48.5
71	40.4	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#30

Chloroform

Concen: 47.667 ug/l

RT: 7.508 min Scan# 933

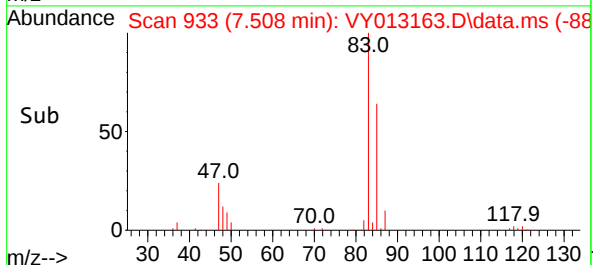
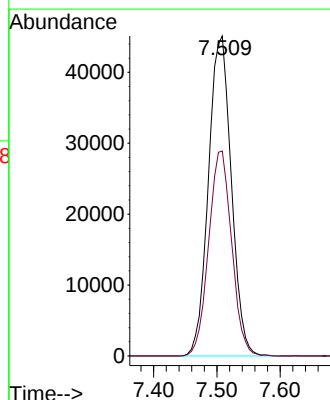
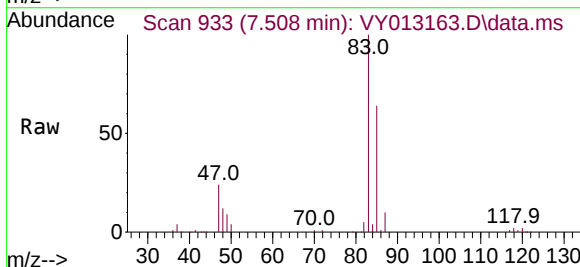
Delta R.T. 0.000 min

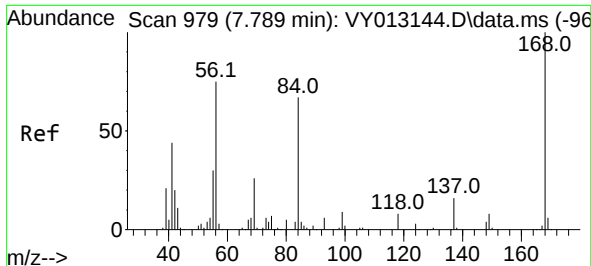
Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion: 83 Resp: 113244

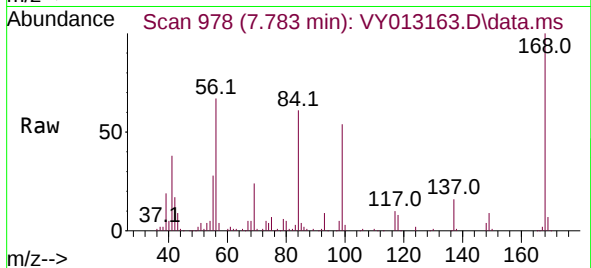
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.4	77.0





#31
Cyclohexane
Concen: 40.631 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

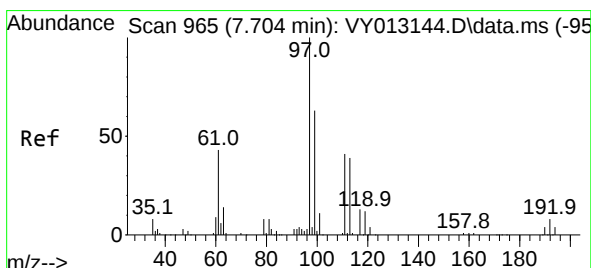
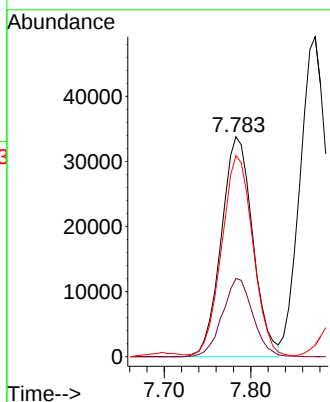
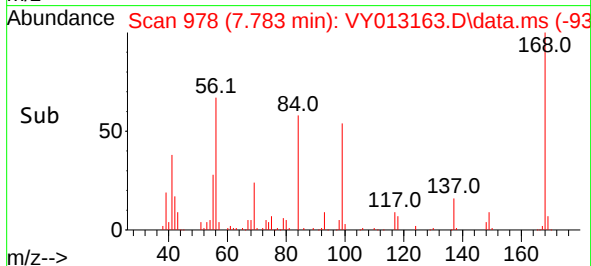
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 85324
Ion Ratio Lower Upper
56 100
69 35.6 25.7 38.5
84 90.3 64.3 96.5

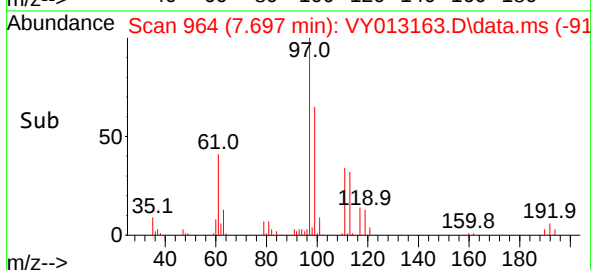
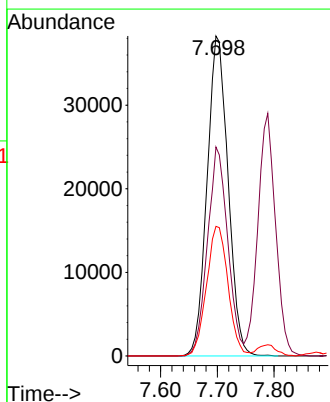
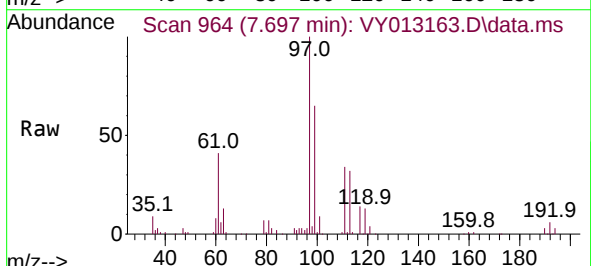
Manual Integrations
APPROVED

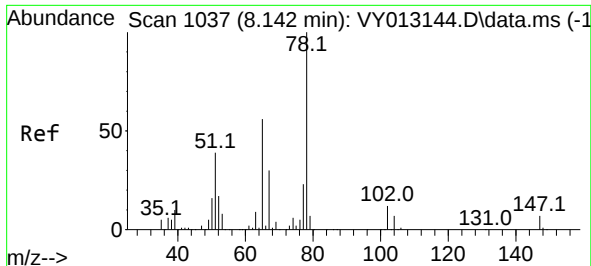
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#32
1,1,1-Trichloroethane
Concen: 46.789 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 97 Resp: 98279
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 41.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.631 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 61268

Ion Ratio Lower Upper

65 100

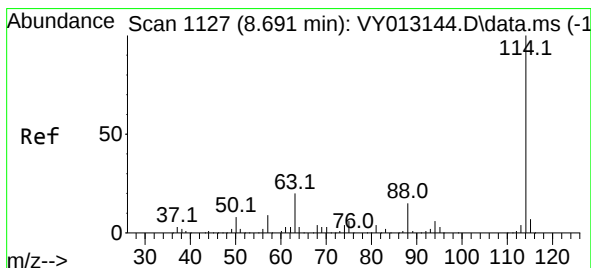
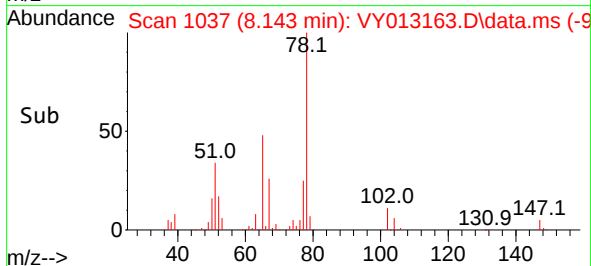
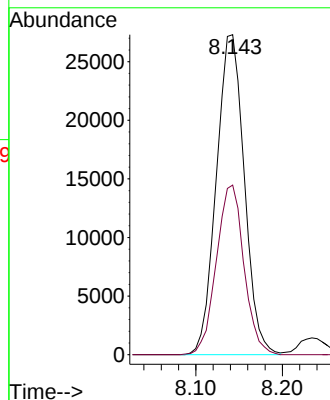
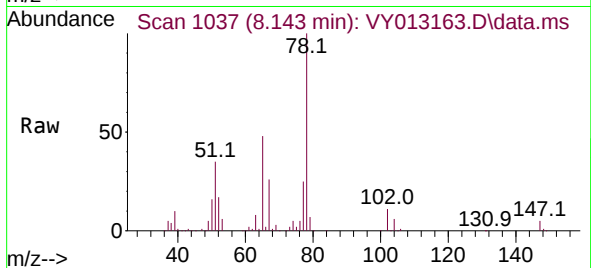
67 52.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

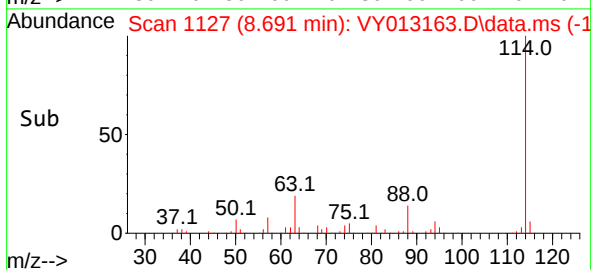
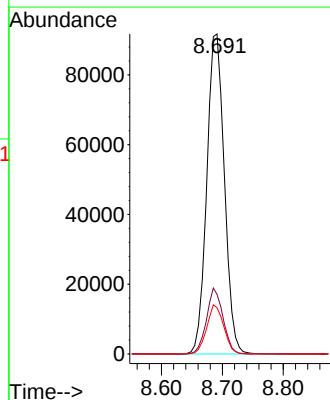
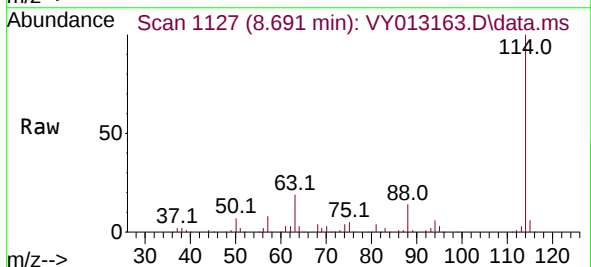
Tgt Ion:114 Resp: 183841

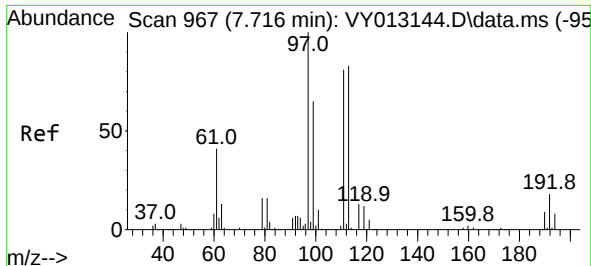
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 49.388 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 59314

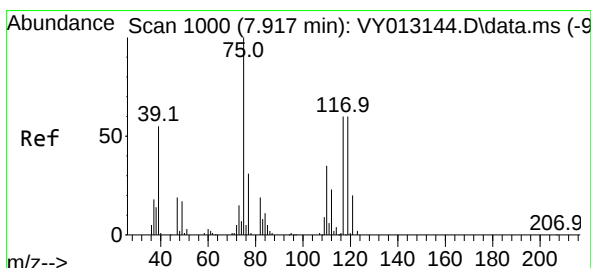
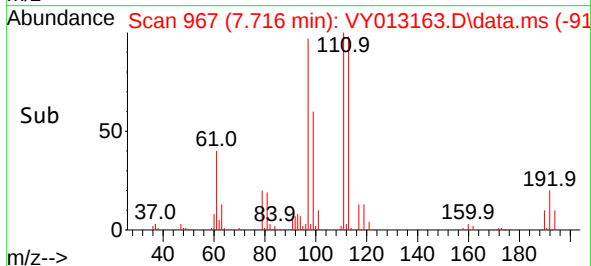
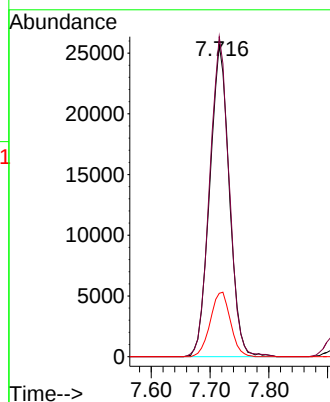
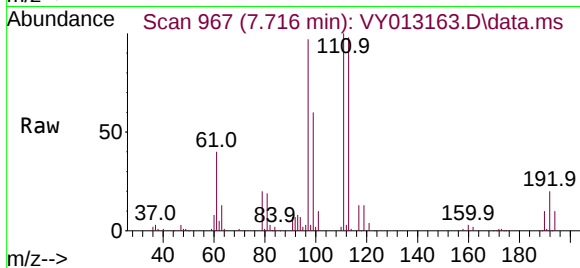
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	21.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#36

1,1-Dichloropropene

Concen: 44.567 ug/l

RT: 7.917 min Scan# 1000

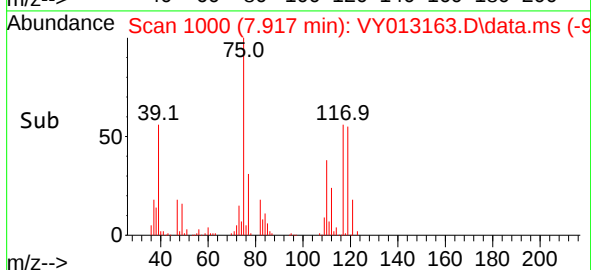
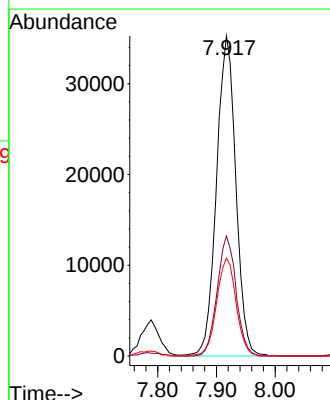
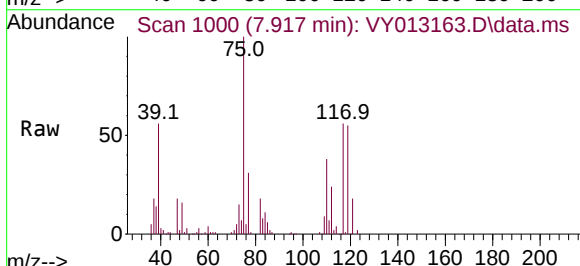
Delta R.T. 0.000 min

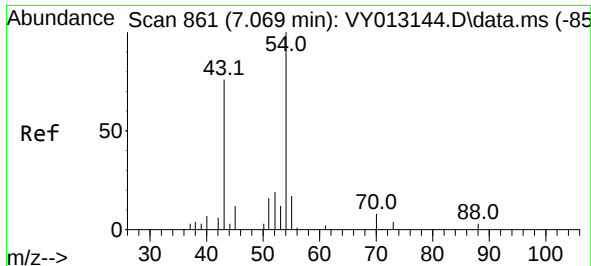
Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion: 75 Resp: 80577

Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.8	53.3
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 43.954 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

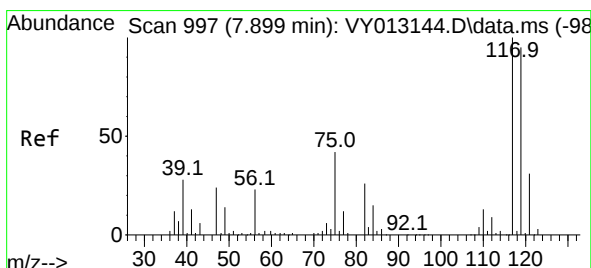
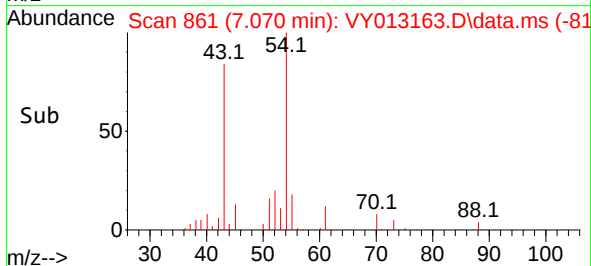
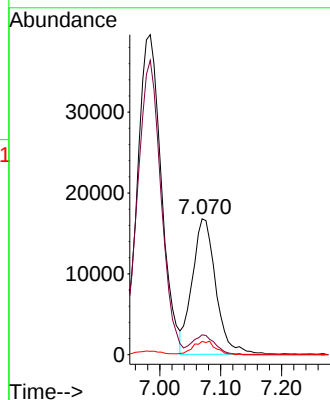
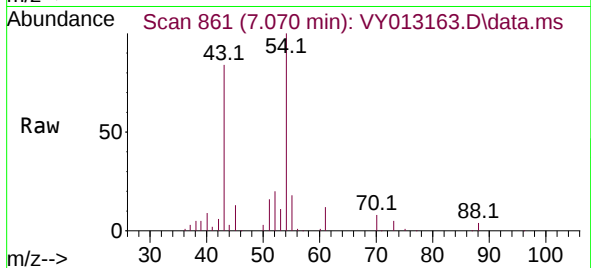
Tgt Ion: 43	Resp: 4514
Ion Ratio	Lower Upper
43	100
61	14.2 10.7 16.1
70	9.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#38

Carbon Tetrachloride

Concen: 44.520 ug/l

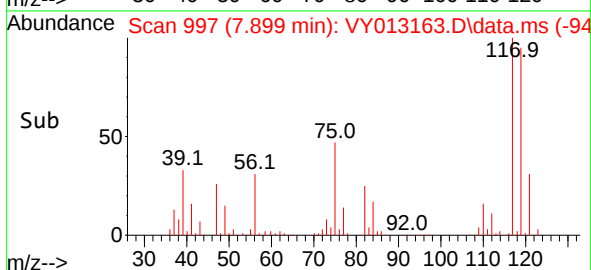
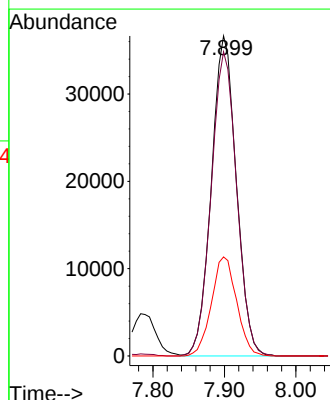
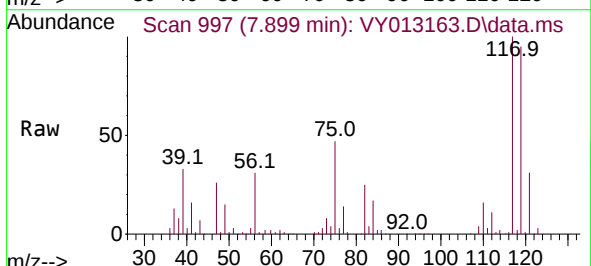
RT: 7.899 min Scan# 997

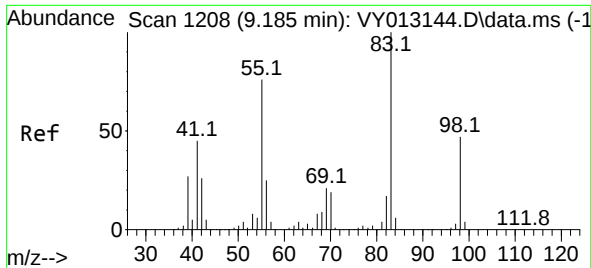
Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

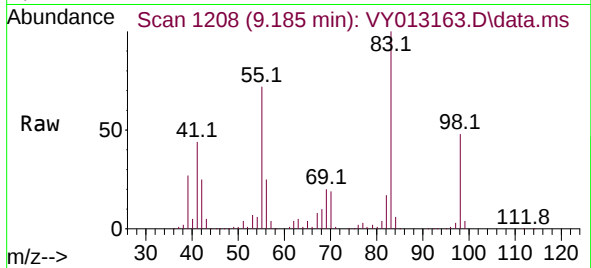
Tgt Ion:117	Resp: 88813
Ion Ratio	Lower Upper
117	100
119	95.0 77.2 115.8
121	31.0 24.7 37.1





#39
Methylcyclohexane
Concen: 43.887 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

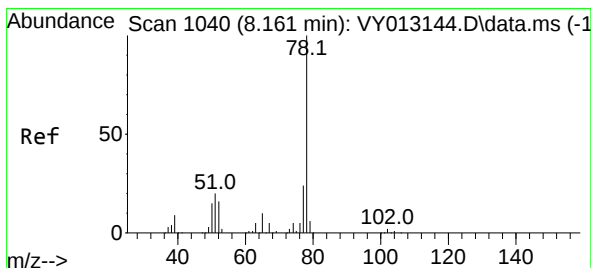
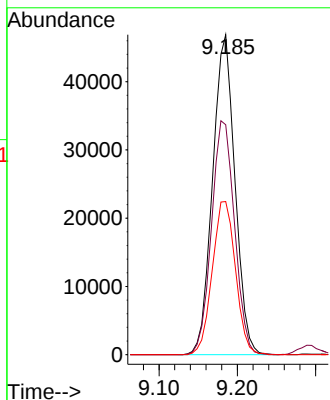
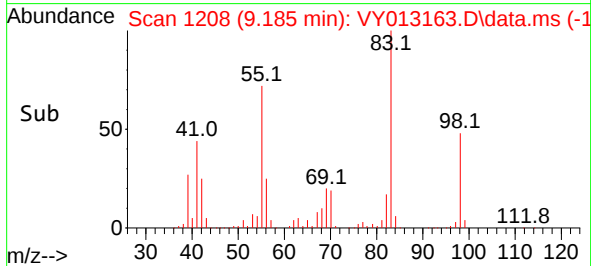
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 93089
Ion Ratio Lower Upper
83 100
55 71.9 60.0 90.0
98 47.9 38.3 57.5

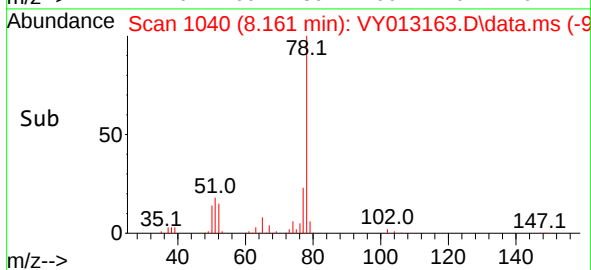
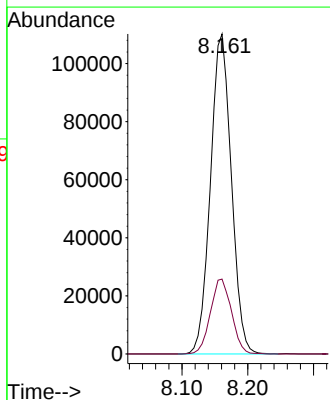
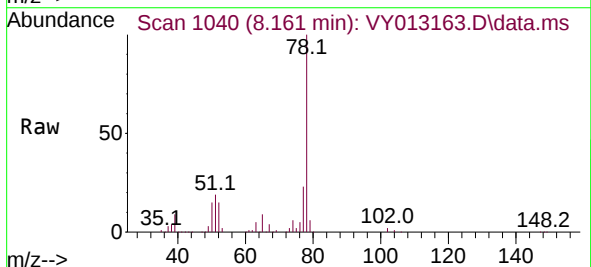
Manual Integrations
APPROVED

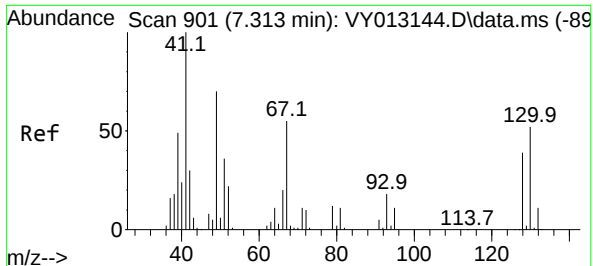
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#40
Benzene
Concen: 46.636 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 78 Resp: 243533
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0





#41
Methacrylonitrile
Concen: 47.009 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

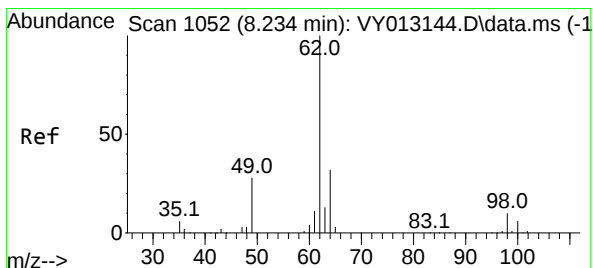
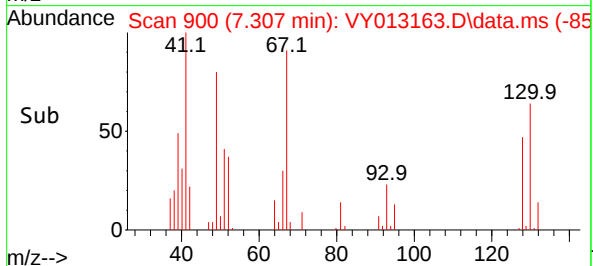
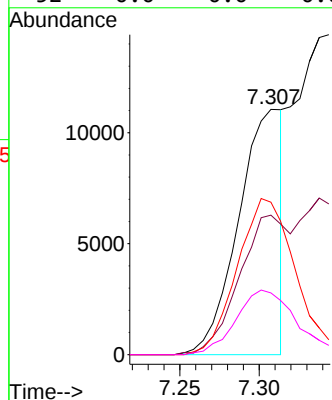
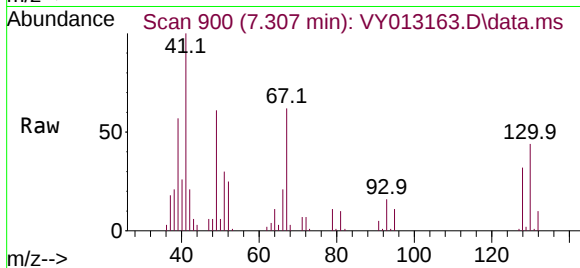
Tgt Ion: 41 Resp: 21419
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations

APPROVED

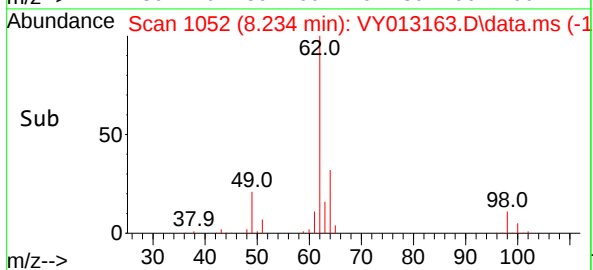
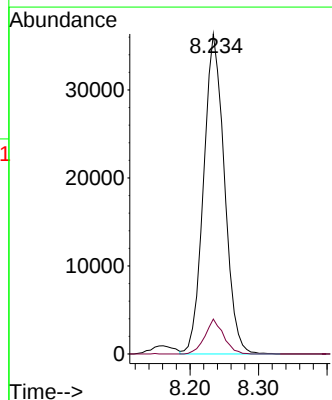
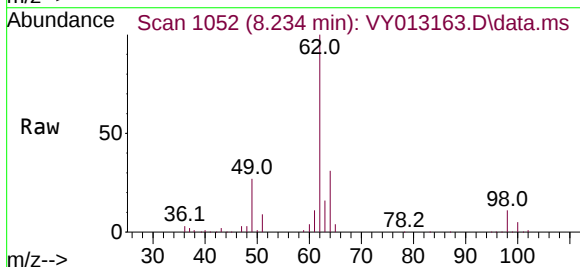
Reviewed By :Krupa Patel 04/03/2023

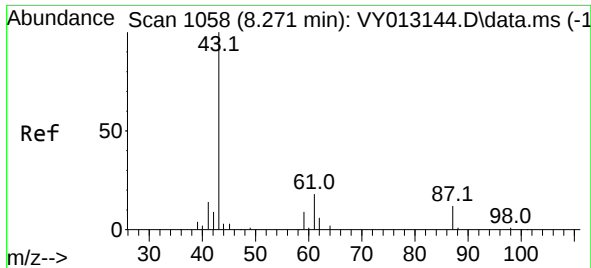
Supervised By :Mahesh Dadoda 04/03/2023



#42
1,2-Dichloroethane
Concen: 48.034 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 62 Resp: 76849
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.8





#43

Isopropyl Acetate

Concen: 45.721 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

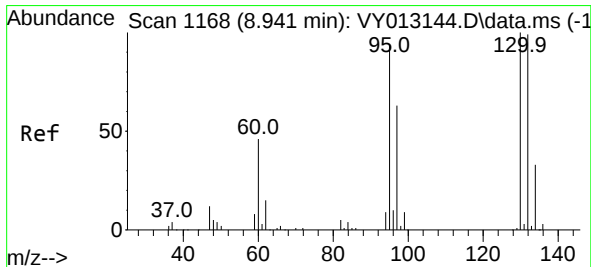
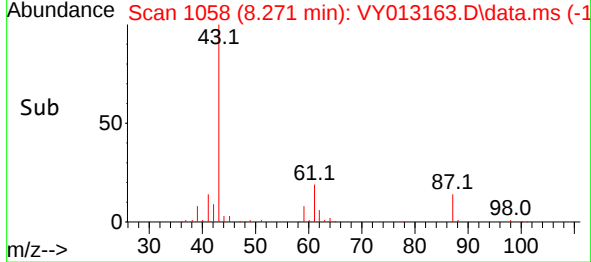
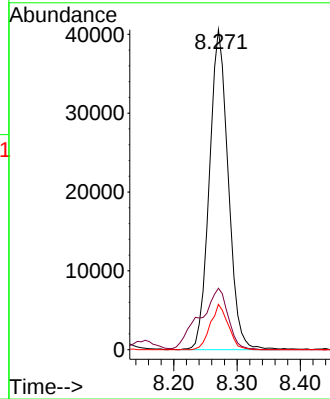
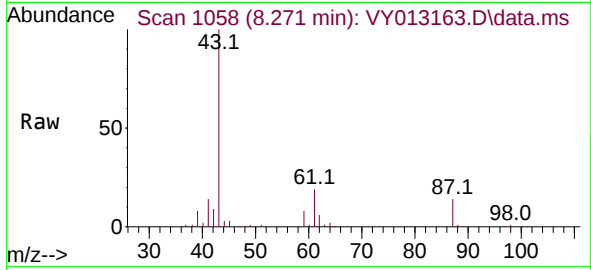
Tgt Ion: 43	Resp: 8405
Ion Ratio	Lower Upper
43 100	
61 28.6	21.6 32.4
87 13.4	9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#44

Trichloroethene

Concen: 45.742 ug/l

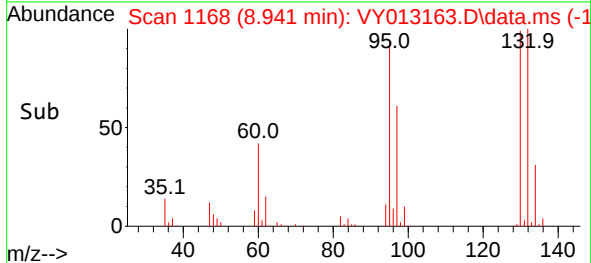
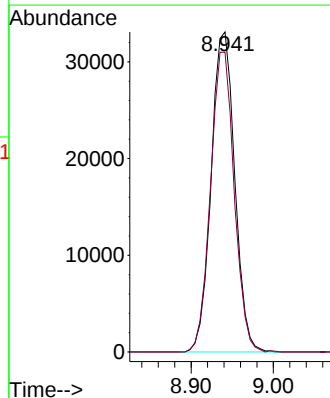
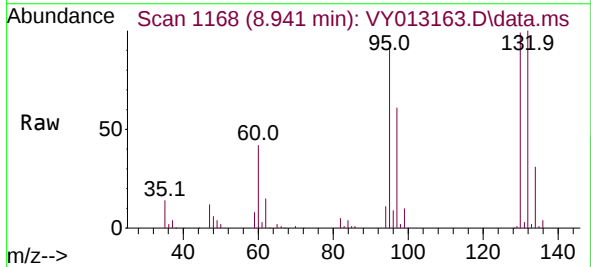
RT: 8.941 min Scan# 1168

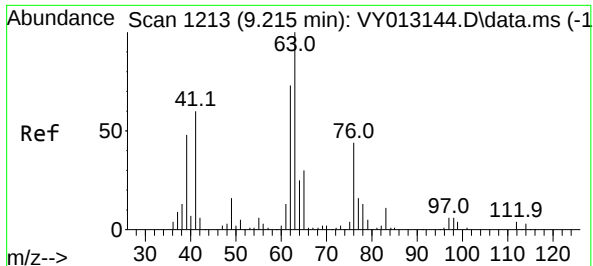
Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion:130	Resp: 65756
Ion Ratio	Lower Upper
130 100	
95 93.6	0.0 185.0





#45

1,2-Dichloropropane

Concen: 45.985 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6013

Ion Ratio Lower Upper

63 100

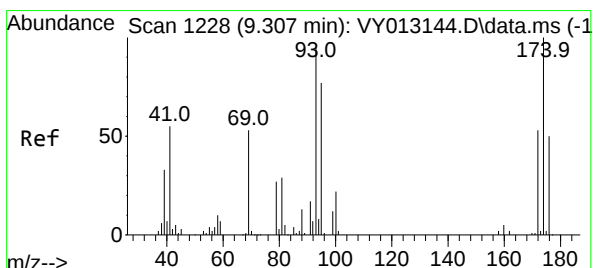
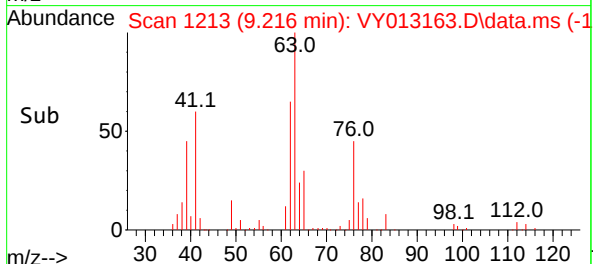
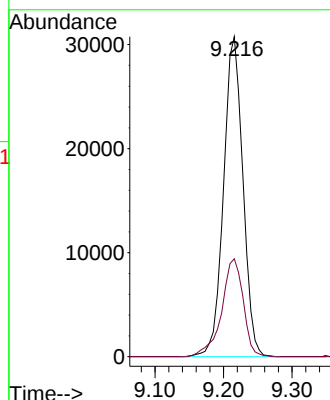
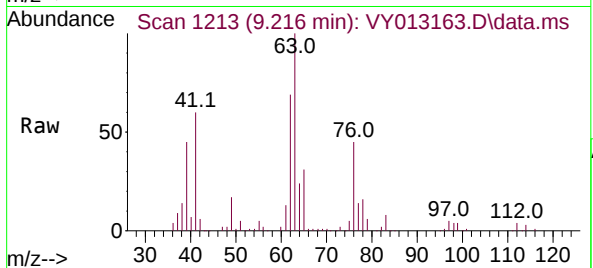
65 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#46

Dibromomethane

Concen: 47.407 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

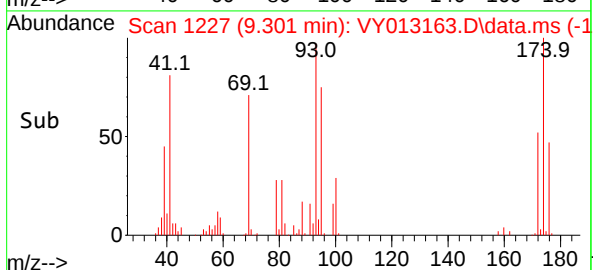
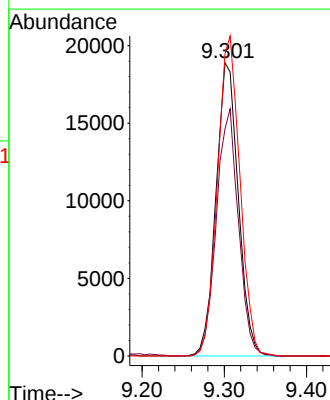
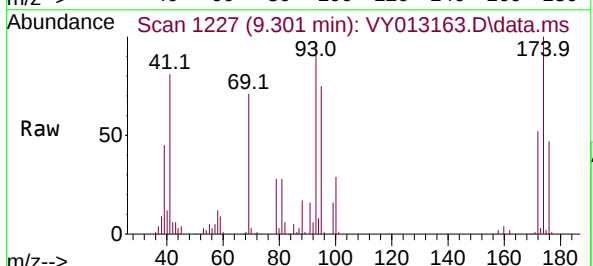
Tgt Ion: 93 Resp: 35611

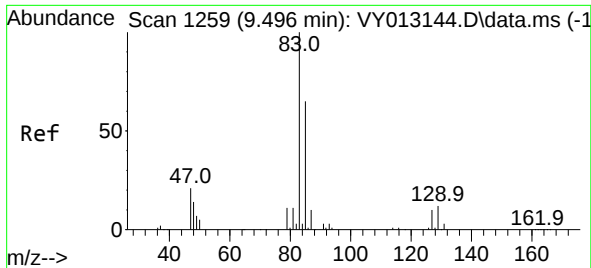
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 110.3 81.3 121.9





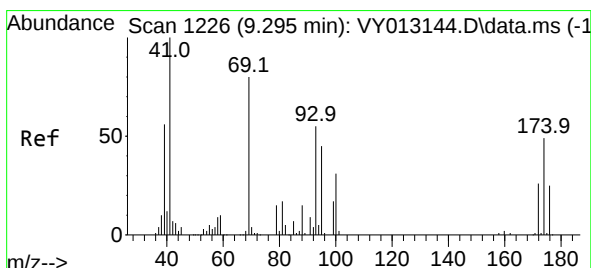
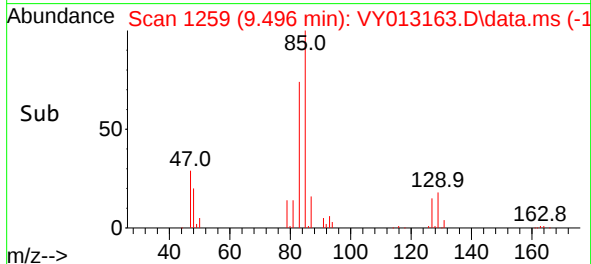
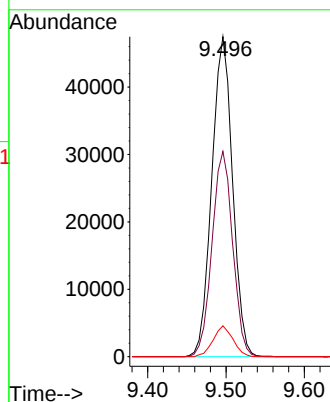
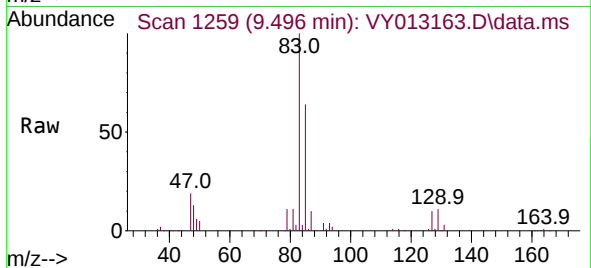
#47
Bromodichloromethane
Concen: 48.210 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8738
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 9.7 6.3 9.5

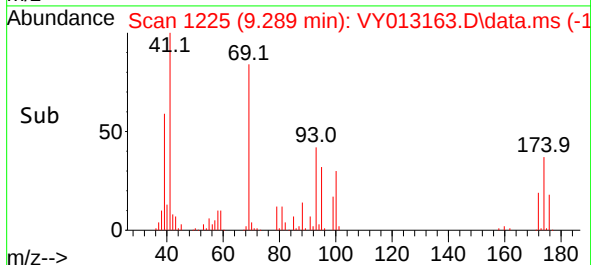
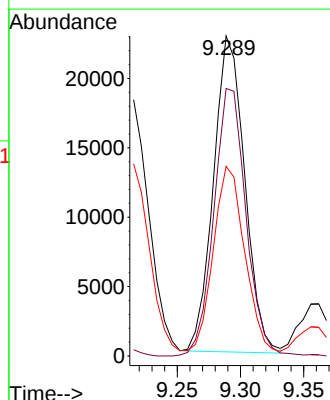
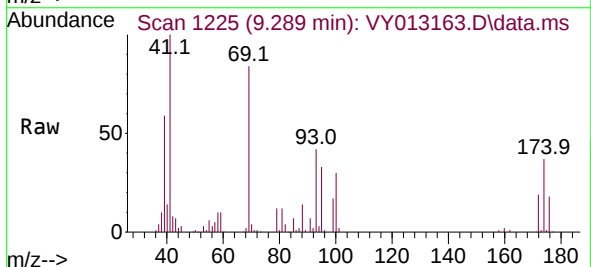
Manual Integrations
APPROVED

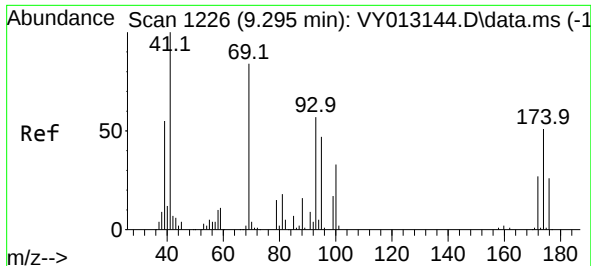
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#48
Methyl methacrylate
Concen: 45.651 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 41 Resp: 39086
Ion Ratio Lower Upper
41 100
69 87.4 64.1 96.1
39 61.7 44.0 66.0





#49

1,4-Dioxane

Concen: 962.250 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

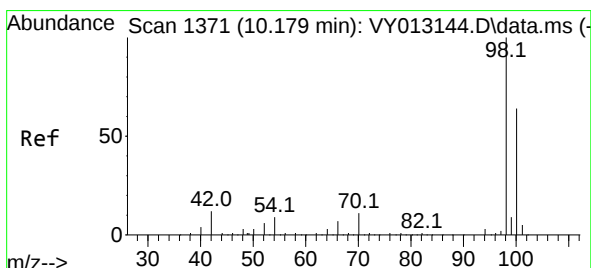
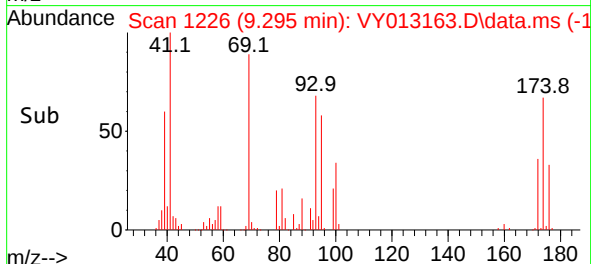
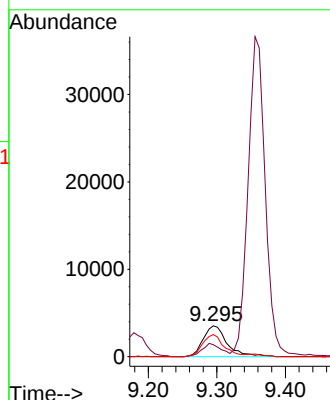
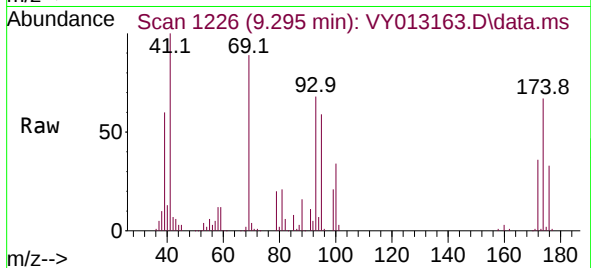
Tgt Ion: 88 Resp: 8599
 Ion Ratio Lower Upper
 88 100
 43 34.6 28.6 42.8
 58 64.0 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#50

Toluene-d8

Concen: 48.176 ug/l

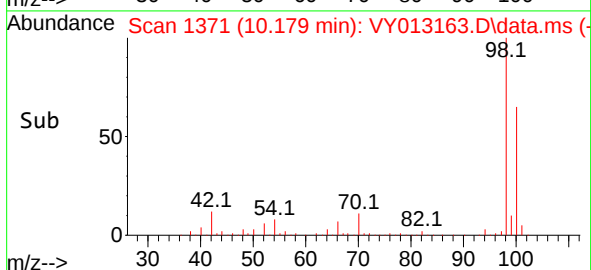
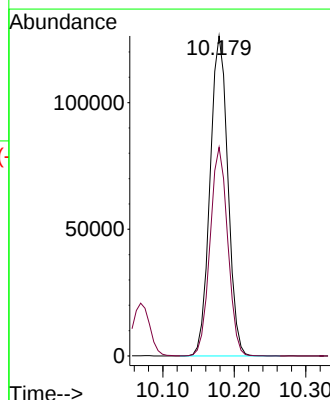
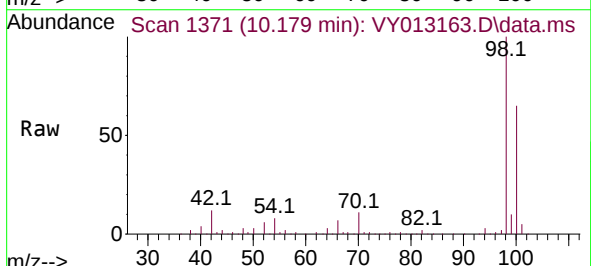
RT: 10.179 min Scan# 1371

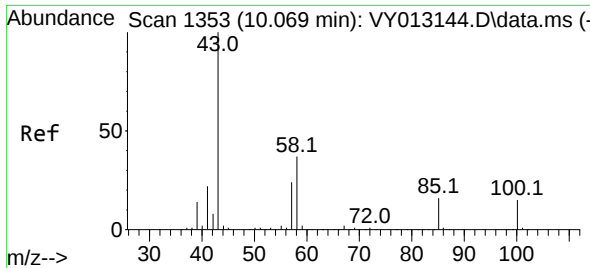
Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion: 98 Resp: 218424
 Ion Ratio Lower Upper
 98 100
 100 64.7 50.9 76.3





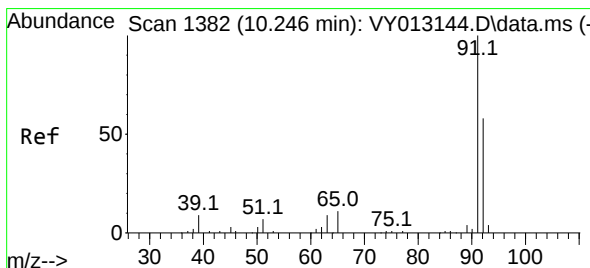
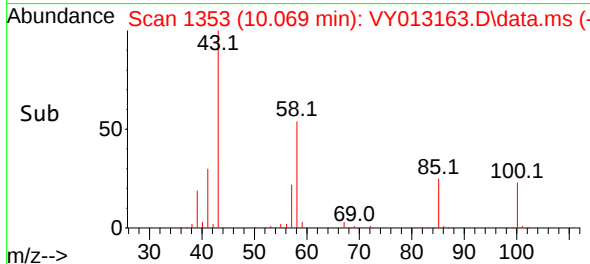
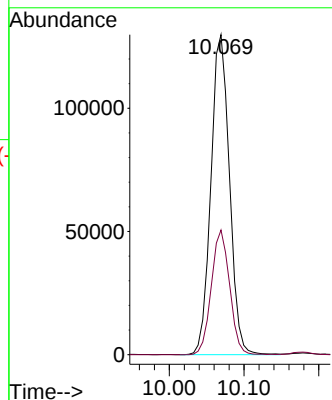
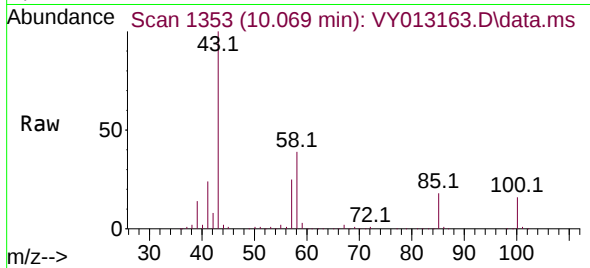
#51
4-Methyl-2-Pentanone
Concen: 225.705 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 22393
Ion Ratio Lower Upper
43 100
58 38.4 29.8 44.6

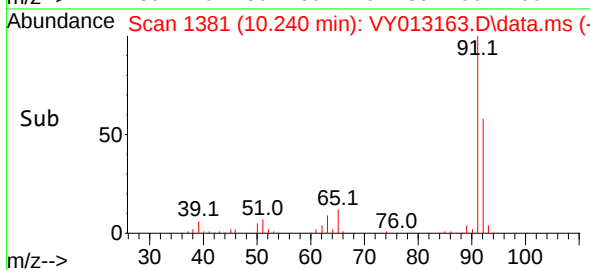
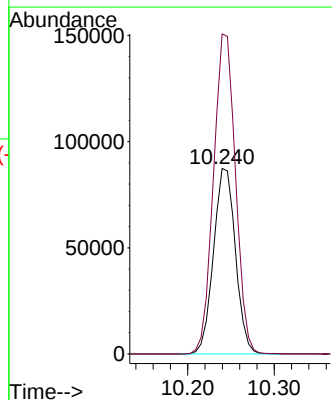
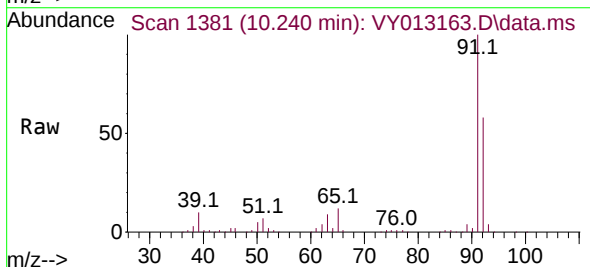
Manual Integrations
APPROVED

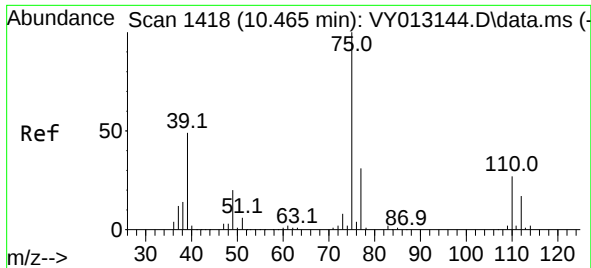
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#52
Toluene
Concen: 47.436 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 92 Resp: 153656
Ion Ratio Lower Upper
92 100
91 173.5 141.3 211.9





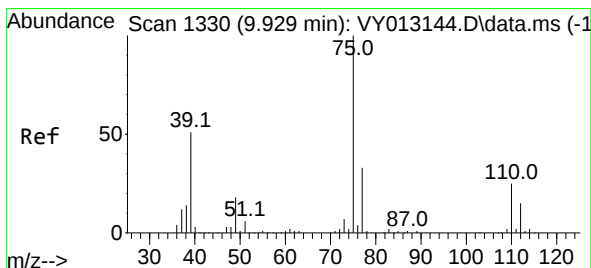
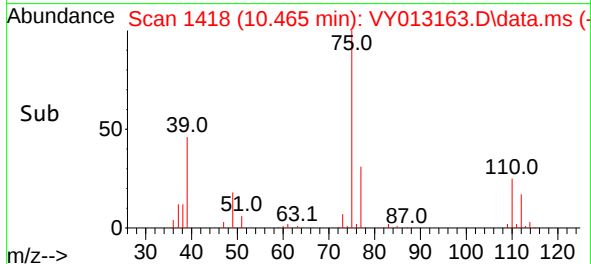
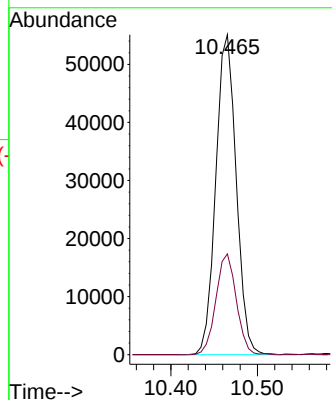
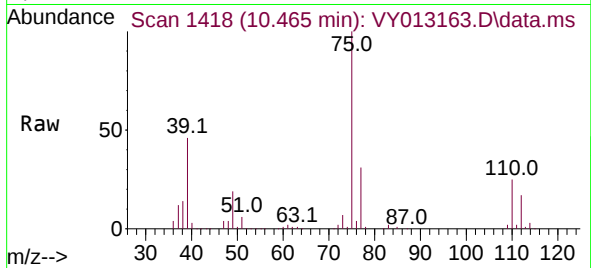
#53
t-1,3-Dichloropropene
Concen: 48.641 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 90114
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

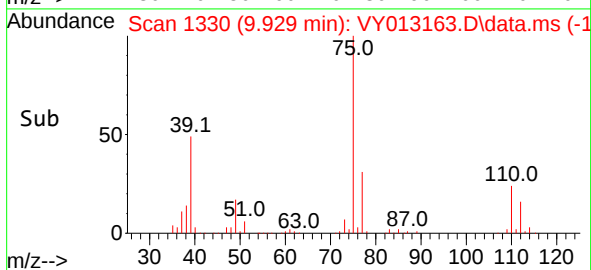
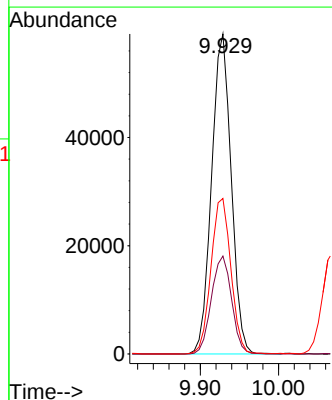
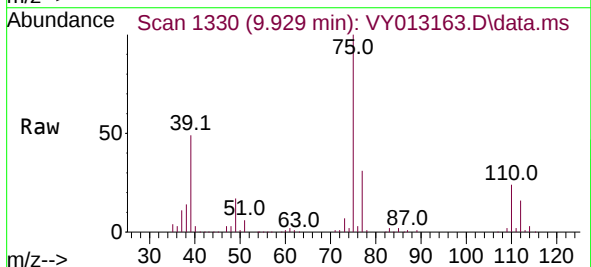
Manual Integrations
APPROVED

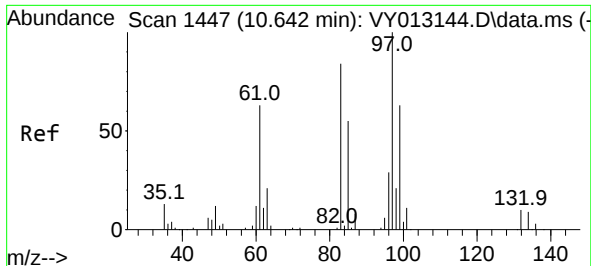
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#54
cis-1,3-Dichloropropene
Concen: 48.552 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

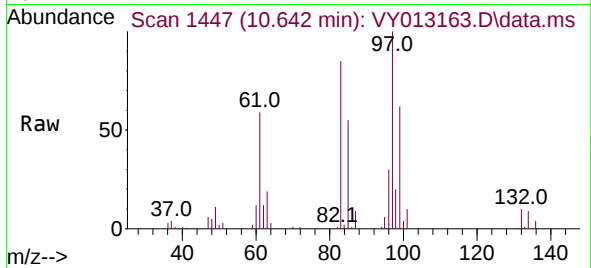
Tgt Ion: 75 Resp: 102728
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 48.6 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 47.815 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

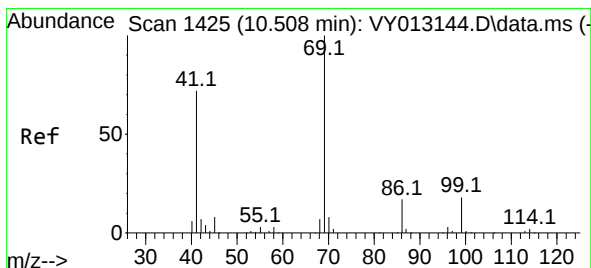
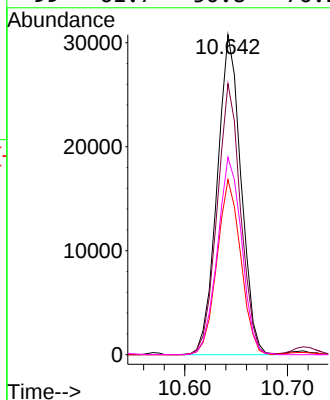
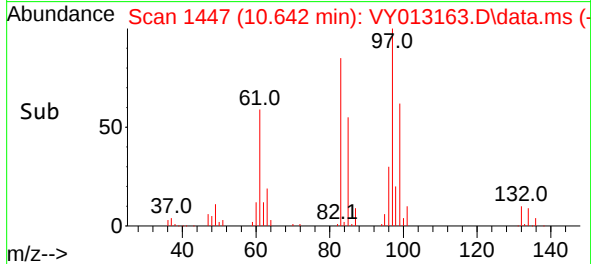


Tgt Ion: 97 Resp: 4964

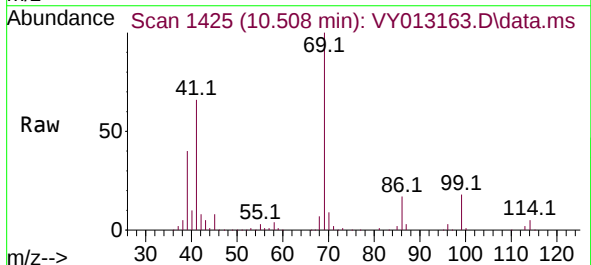
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.0	103.6
85	54.7	44.9	67.3
99	61.7	50.8	76.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

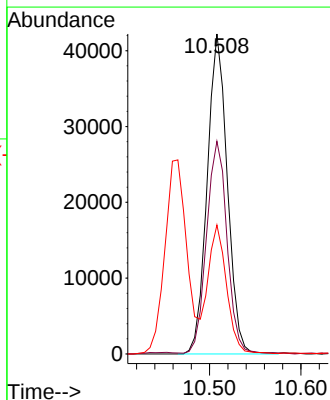
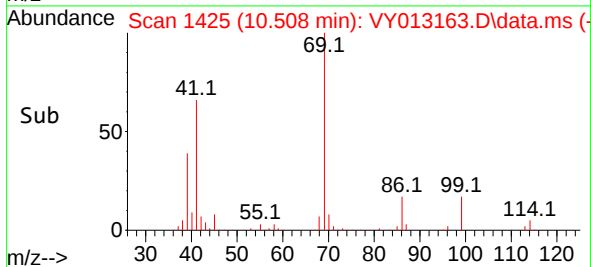


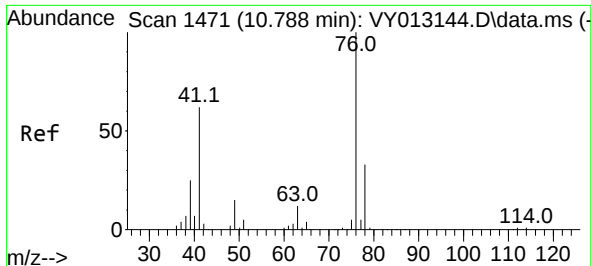
#56
Ethyl methacrylate
Concen: 49.582 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



Tgt Ion: 69 Resp: 64730

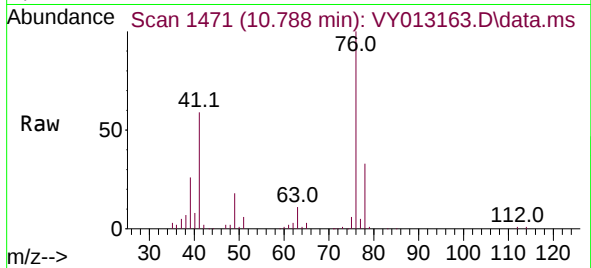
Ion	Ratio	Lower	Upper
69	100		
41	67.0	56.4	84.6
39	36.5	30.8	46.2





#57
1,3-Dichloropropane
Concen: 47.852 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

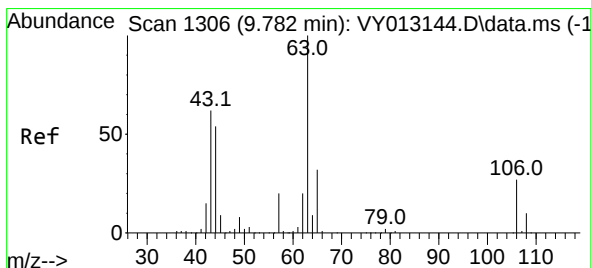
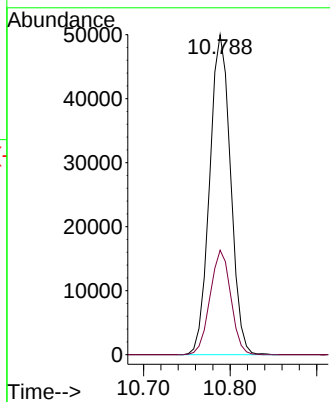
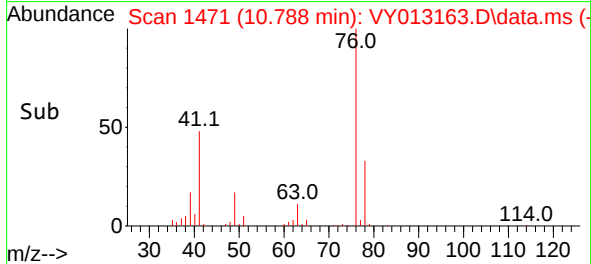
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 83880
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4

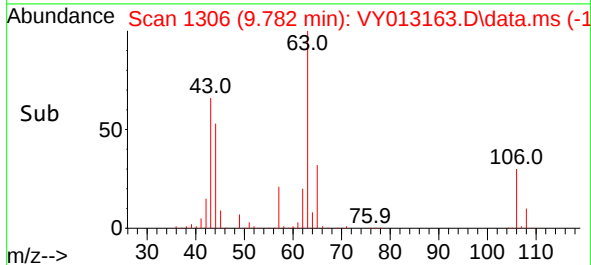
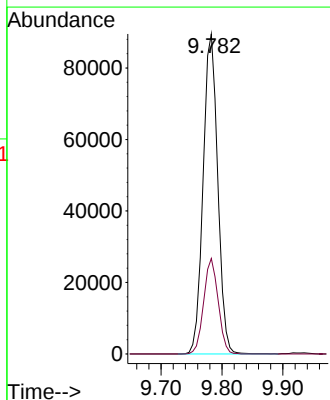
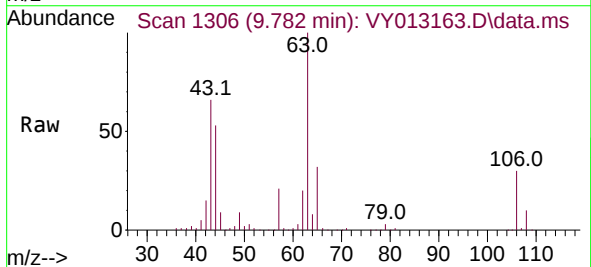
Manual Integrations
APPROVED

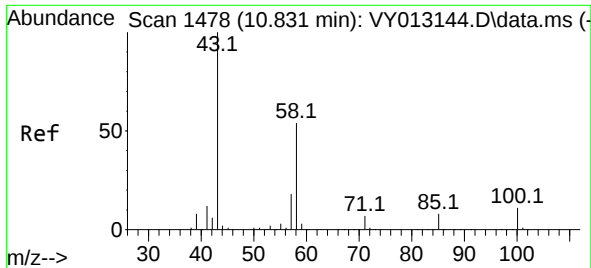
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 244.433 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

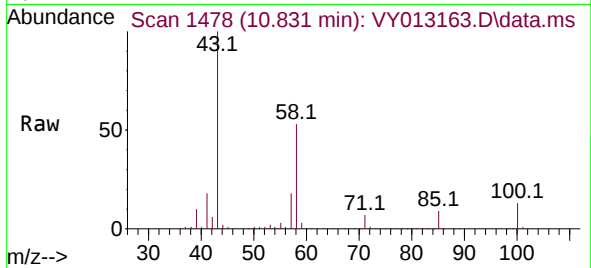
Tgt Ion: 63 Resp: 149210
Ion Ratio Lower Upper
63 100
106 29.5 22.1 33.1





#59
2-Hexanone
Concen: 226.825 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

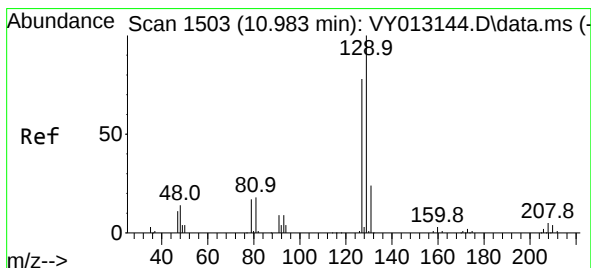
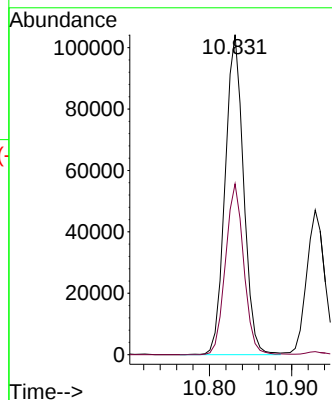
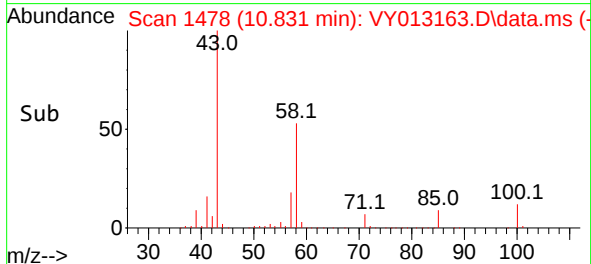
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



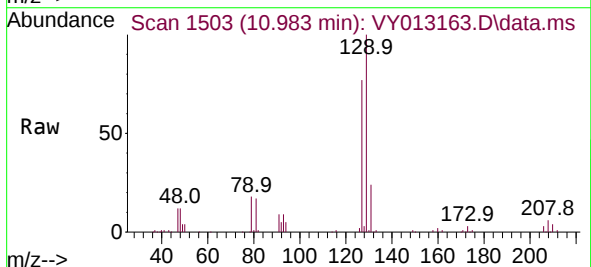
Tgt Ion: 43 Resp: 162760
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8

Manual Integrations
APPROVED

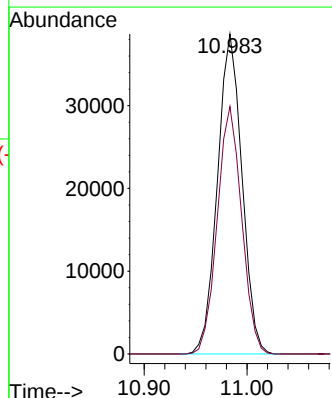
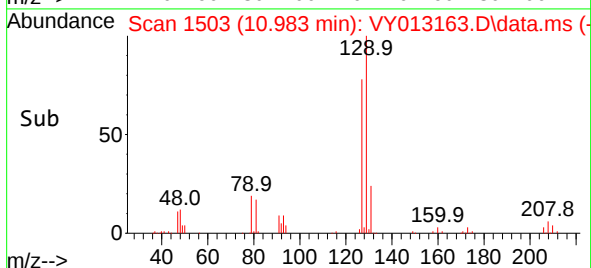
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

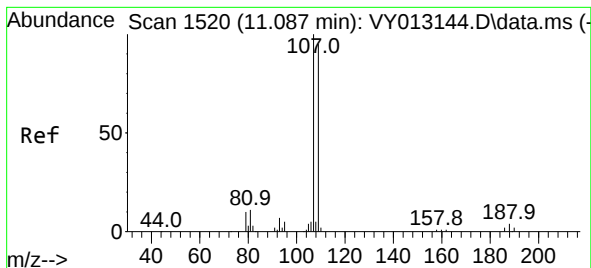


#60
Dibromochloromethane
Concen: 49.074 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



Tgt Ion:129 Resp: 63999
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1





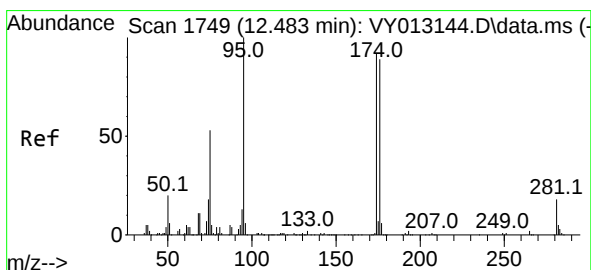
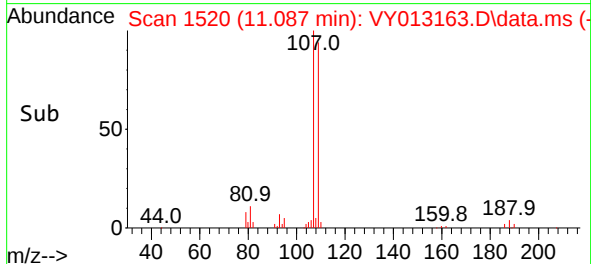
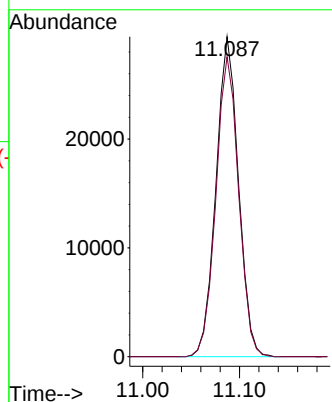
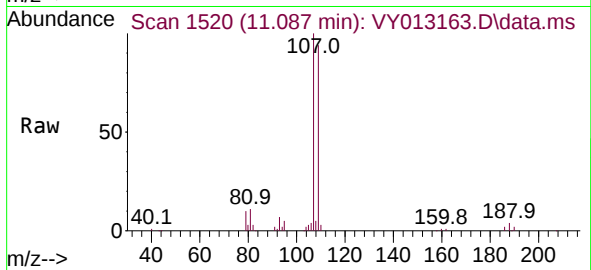
#61
1,2-Dibromoethane
Concen: 47.144 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 47430
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6

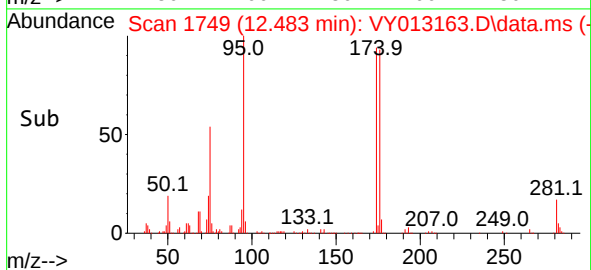
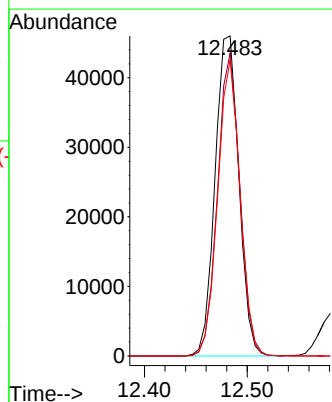
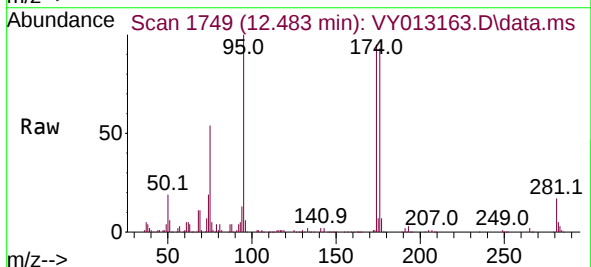
Manual Integrations
APPROVED

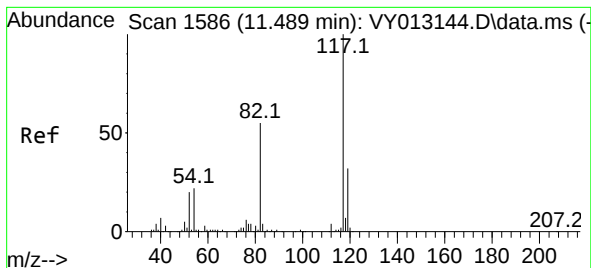
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#62
4-Bromofluorobenzene
Concen: 49.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 95 Resp: 73748
Ion Ratio Lower Upper
95 100
174 89.1 0.0 176.6
176 86.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 16878

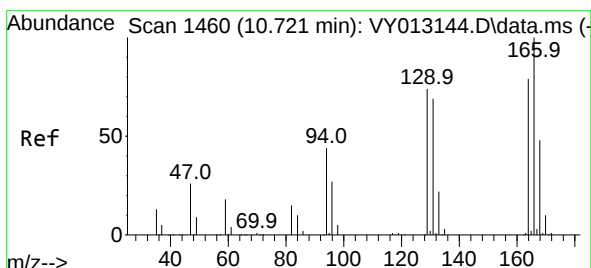
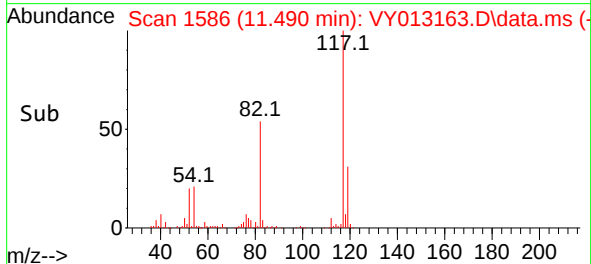
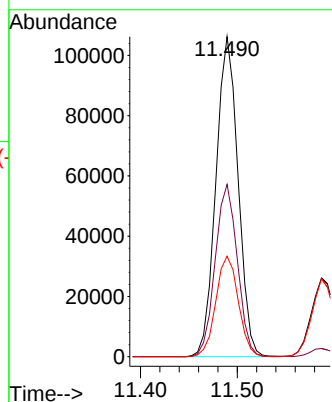
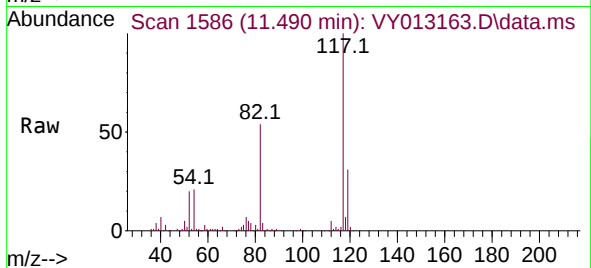
Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.4	68.0
119	31.4	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#64

Tetrachloroethene

Concen: 45.684 ug/l

RT: 10.721 min Scan# 1460

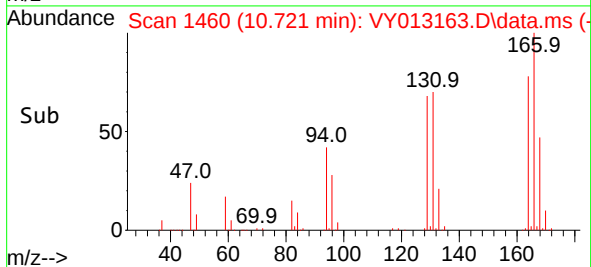
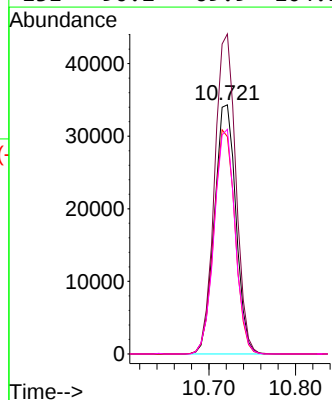
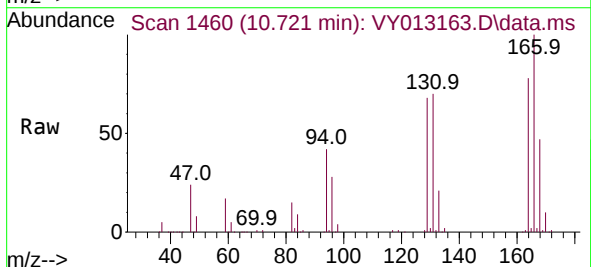
Delta R.T. 0.000 min

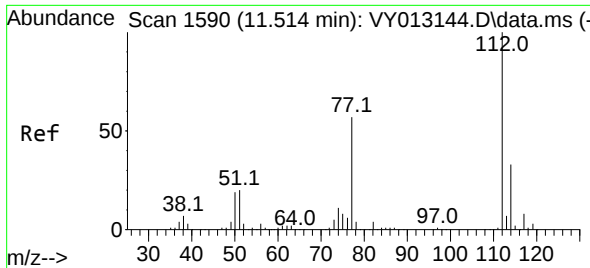
Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion:164 Resp: 59278

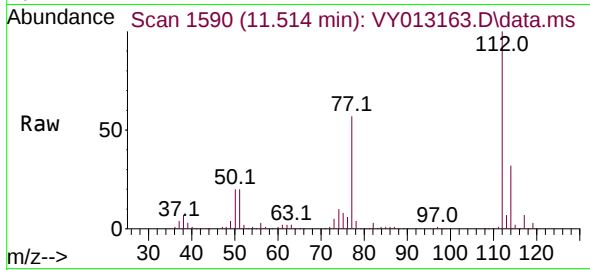
Ion	Ratio	Lower	Upper
164	100		
166	128.5	103.4	155.2
129	87.2	71.4	107.2
131	90.2	69.9	104.9





#65
Chlorobenzene
Concen: 47.079 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

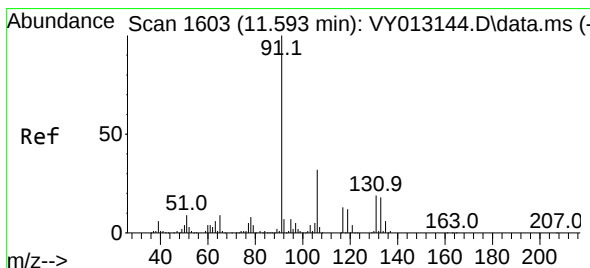
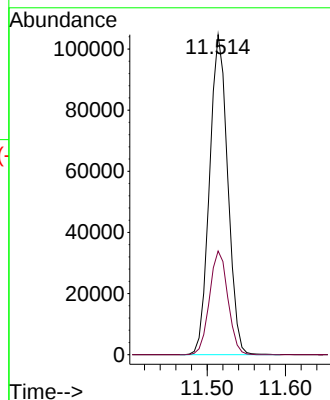
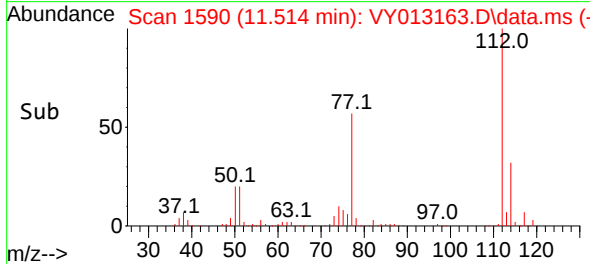
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



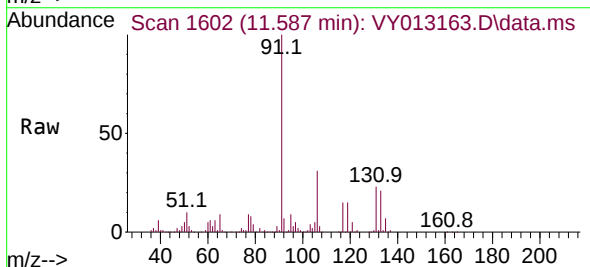
Tgt Ion:112 Resp: 168689
Ion Ratio Lower Upper
112 100
114 32.4 24.5 36.7

Manual Integrations
APPROVED

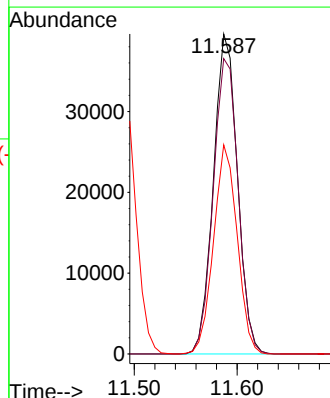
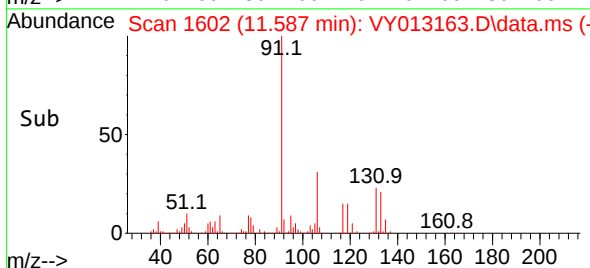
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

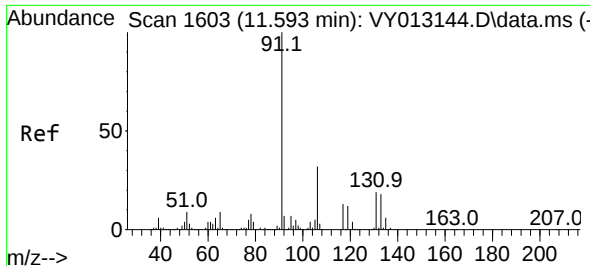


#66
1,1,1,2-Tetrachloroethane
Concen: 47.799 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



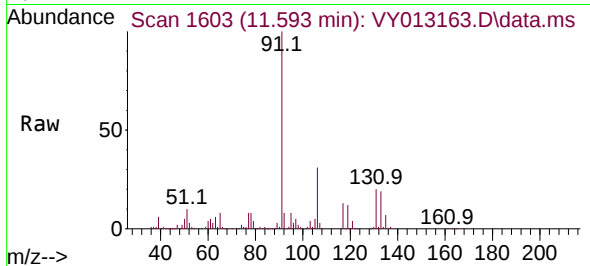
Tgt Ion:131 Resp: 64209
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 64.4 32.6 98.0





#67
Ethyl Benzene
Concen: 47.097 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

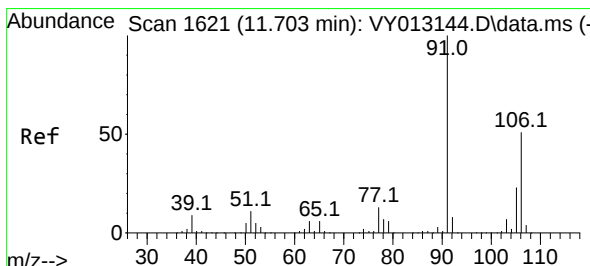
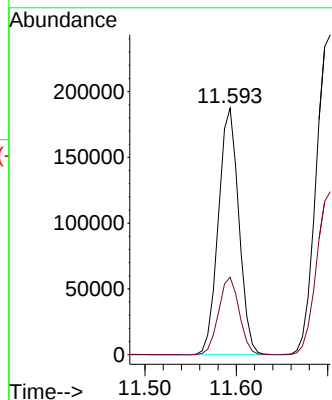
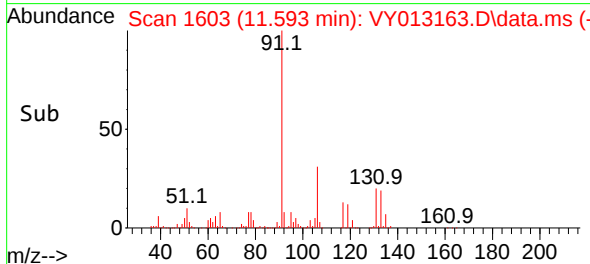
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



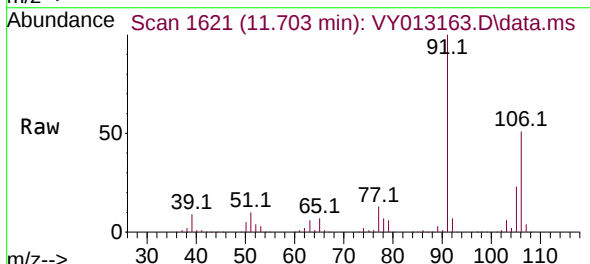
Tgt Ion: 91 Resp: 291462
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

Manual Integrations
APPROVED

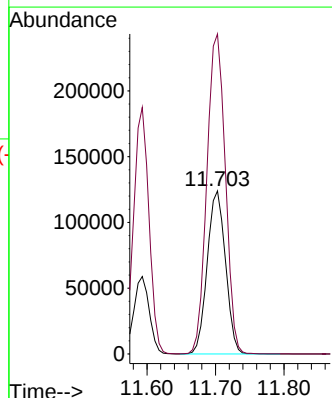
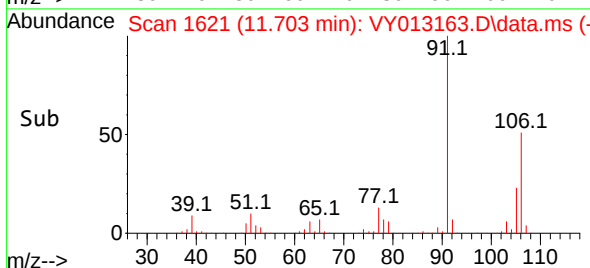
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

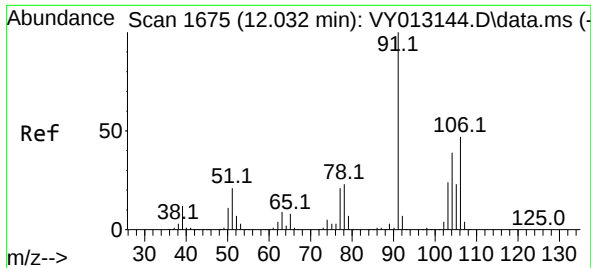


#68
m/p-Xylenes
Concen: 95.917 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



Tgt Ion:106 Resp: 229621
Ion Ratio Lower Upper
106 100
91 198.6 159.8 239.8





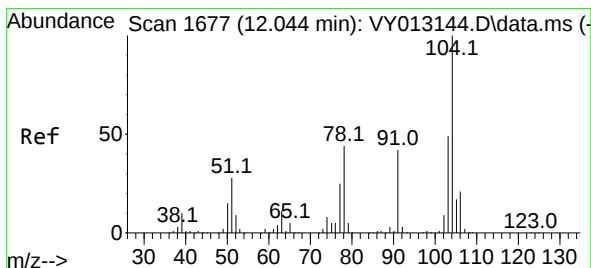
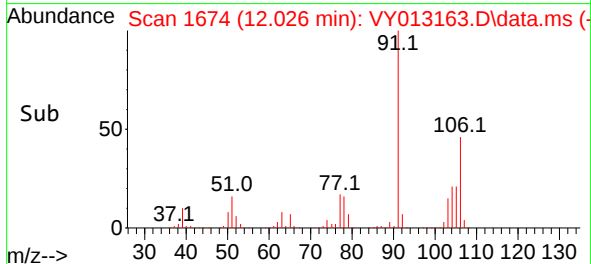
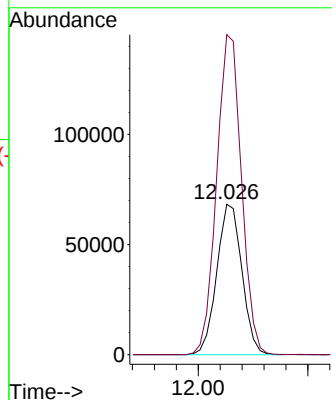
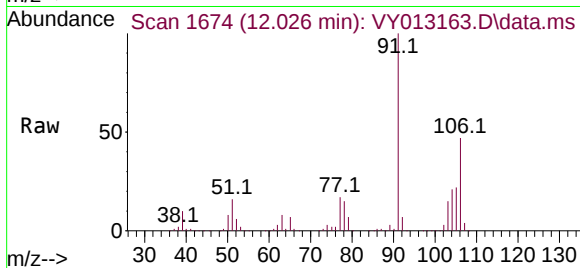
#69
o-Xylene
Concen: 48.939 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 108669
Ion Ratio Lower Upper
106 100
91 210.6 107.2 321.6

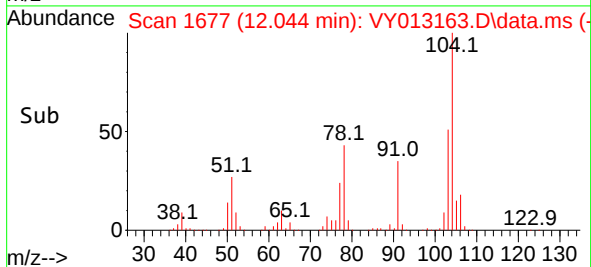
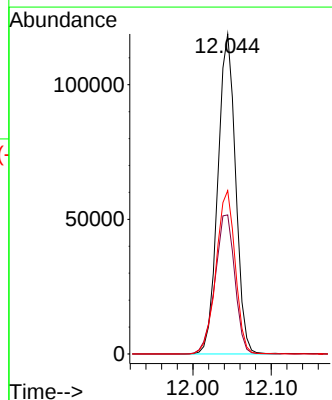
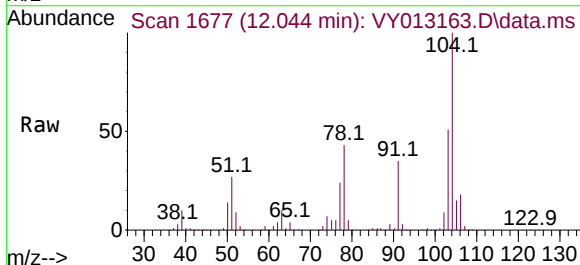
Manual Integrations
APPROVED

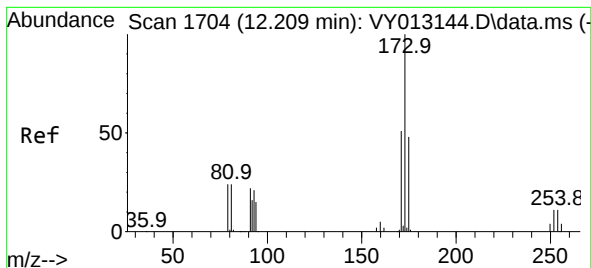
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#70
Styrene
Concen: 50.474 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:104 Resp: 187486
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 54.9 43.7 65.5





#71

Bromoform

Concen: 49.357 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

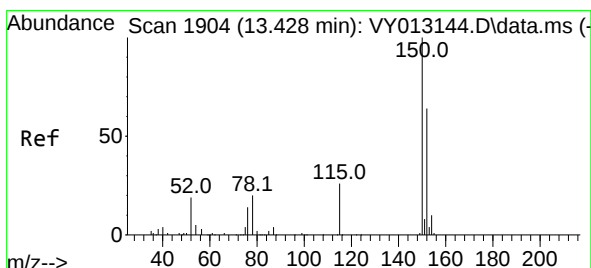
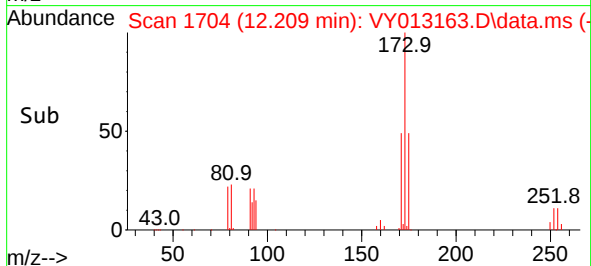
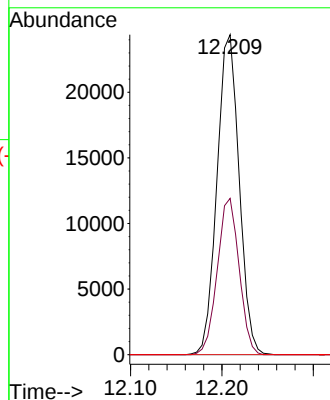
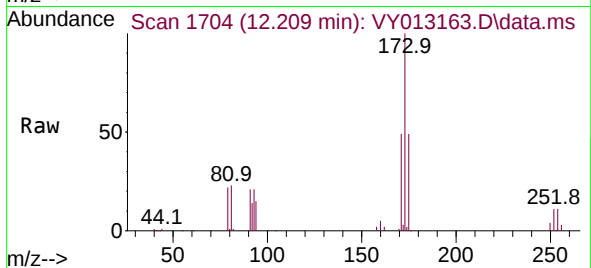
Tgt Ion:173	Resp:	4111
Ion Ratio	Lower	Upper
173	100	
175	48.0	25.0 75.0
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

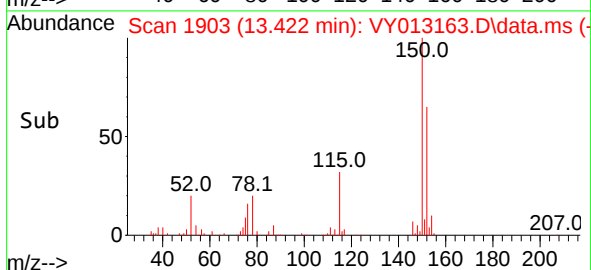
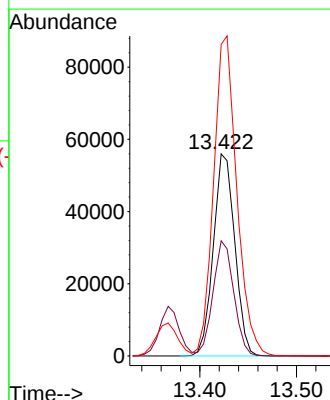
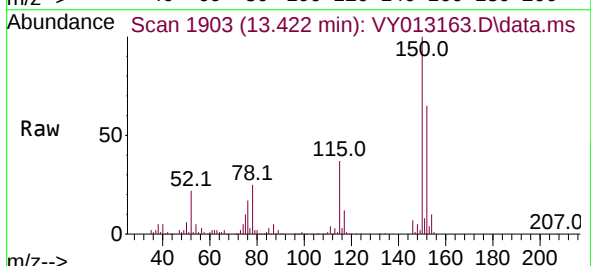
RT: 13.422 min Scan# 1903

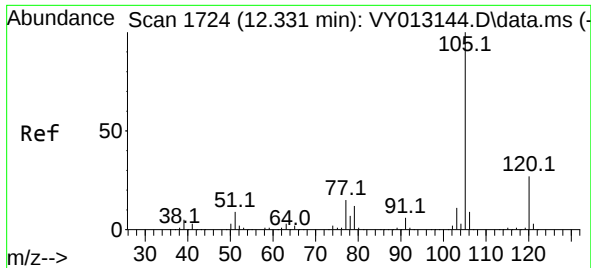
Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

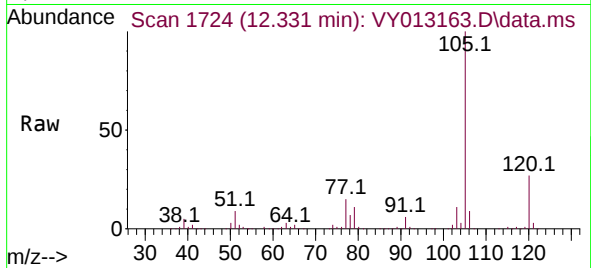
Tgt Ion:152	Resp:	86205
Ion Ratio	Lower	Upper
152	100	
115	55.4	27.1 81.3
150	171.6	0.0 347.8





#73
Isopropylbenzene
Concen: 47.192 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

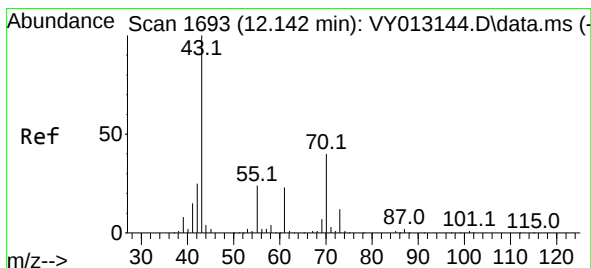
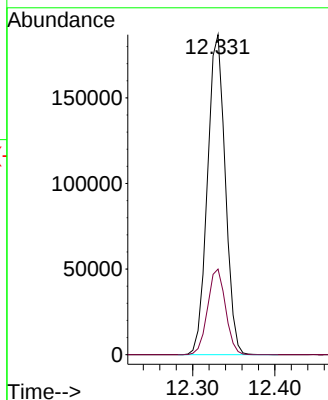
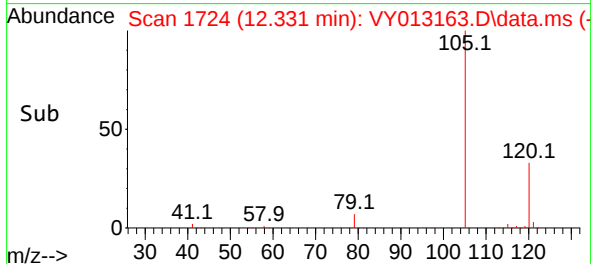
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



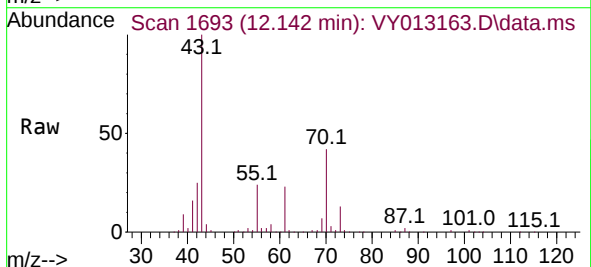
Tgt Ion:105 Resp: 280810
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

Manual Integrations
APPROVED

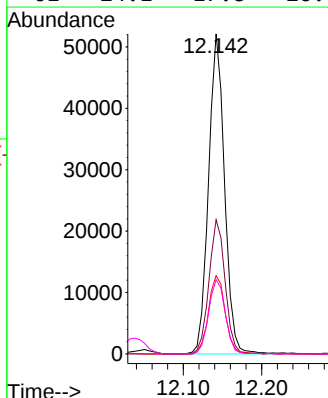
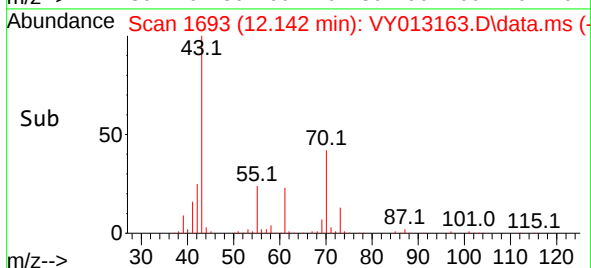
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

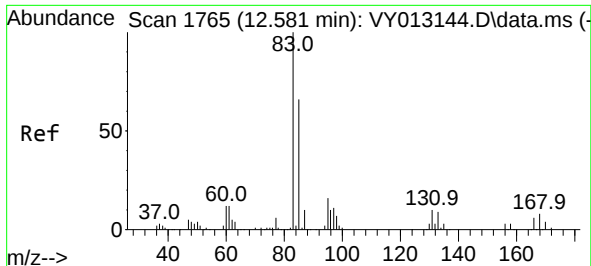


#74
N-ethyl acetate
Concen: 45.180 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



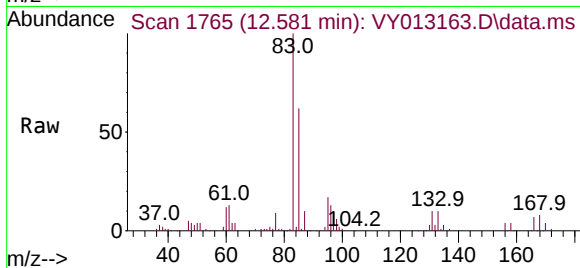
Tgt Ion: 43 Resp: 73816
Ion Ratio Lower Upper
43 100
70 42.5 31.6 47.4
55 25.6 18.8 28.2
61 24.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 45.503 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

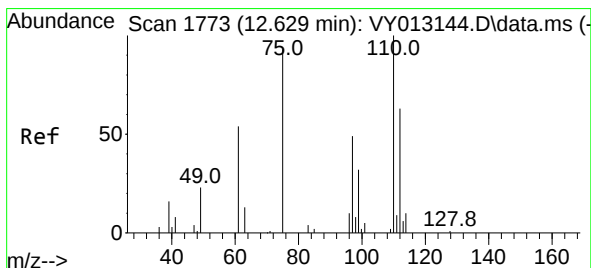
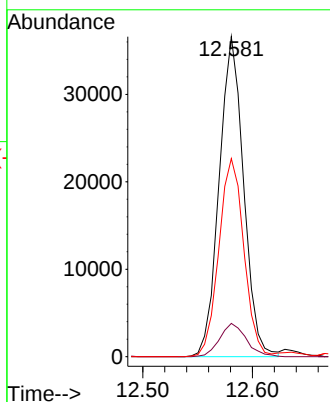
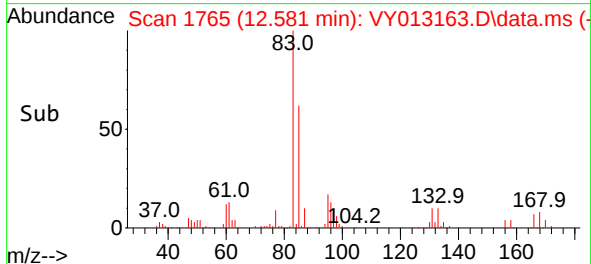
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 5671
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.2
85 63.3 31.8 95.3

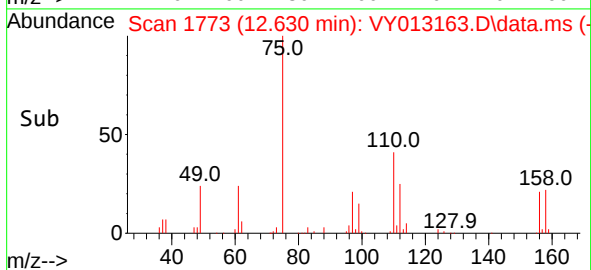
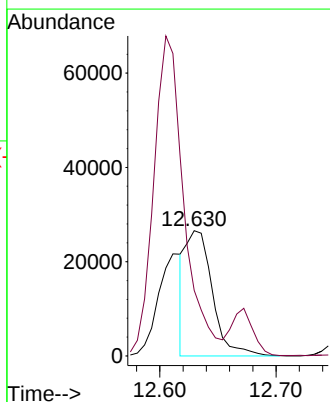
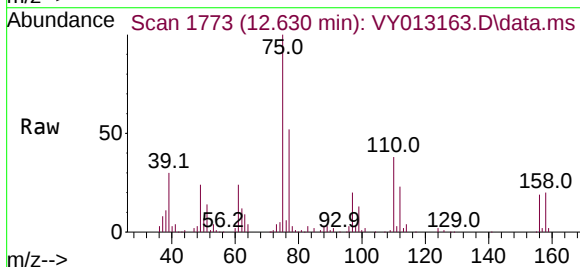
Manual Integrations
APPROVED

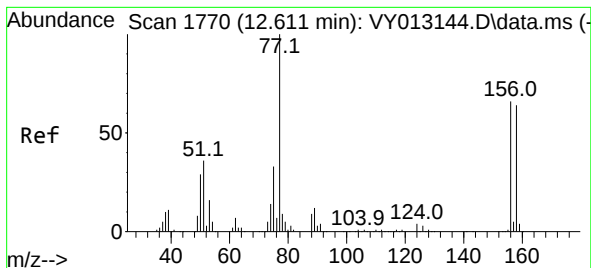
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#76
1,2,3-Trichloropropane
Concen: 43.952 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 75 Resp: 42564
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.845 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

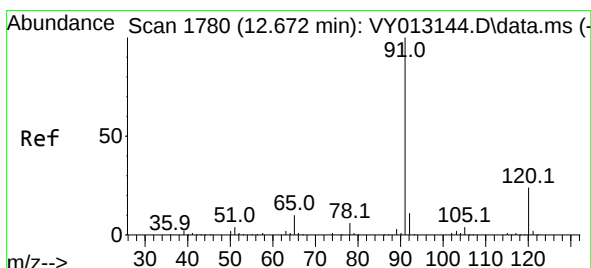
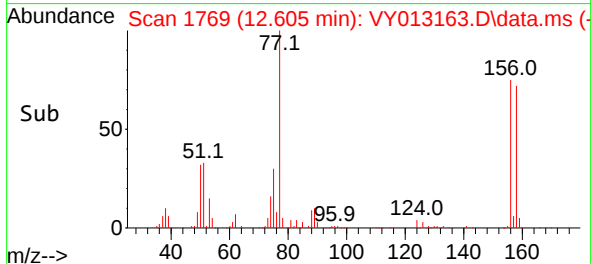
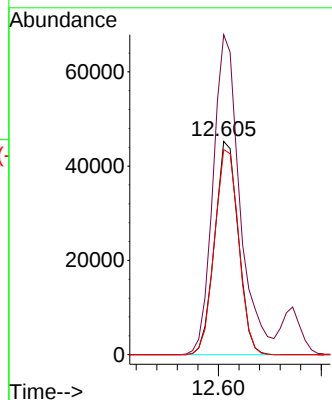
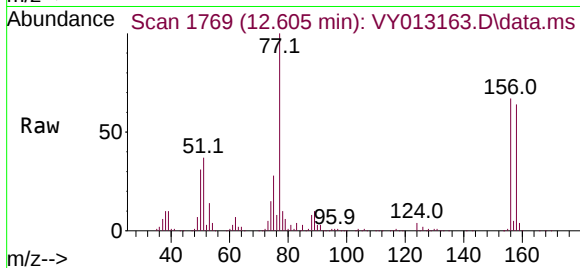
Tgt Ion:156 Resp: 72263
 Ion Ratio Lower Upper
 156 100
 77 169.9 94.0 282.1
 158 98.1 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#78

n-propylbenzene

Concen: 46.178 ug/l

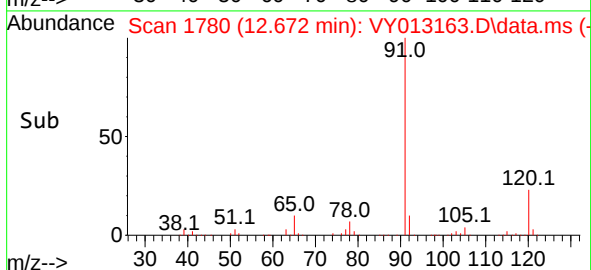
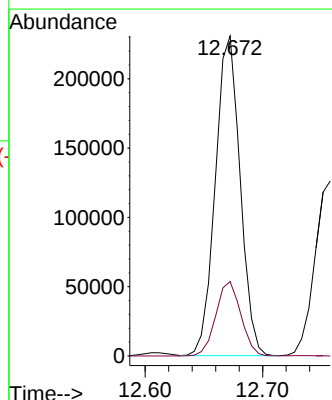
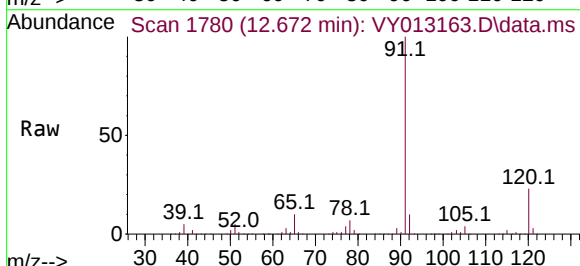
RT: 12.672 min Scan# 1780

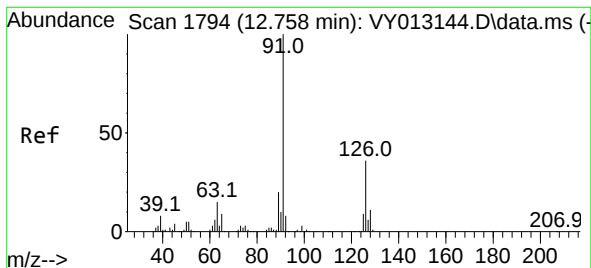
Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion: 91 Resp: 337863
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.6 34.8





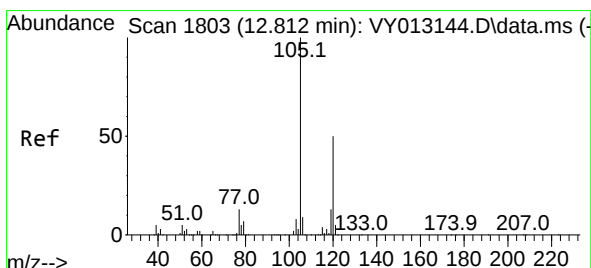
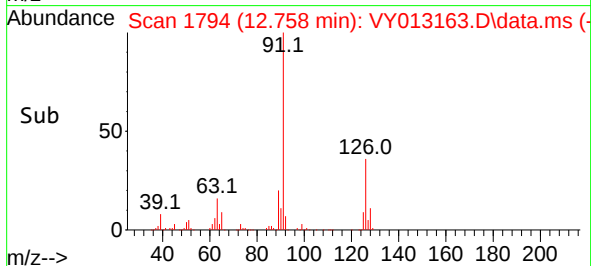
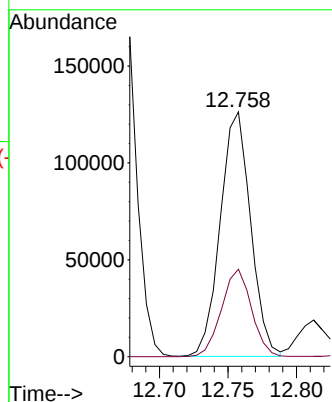
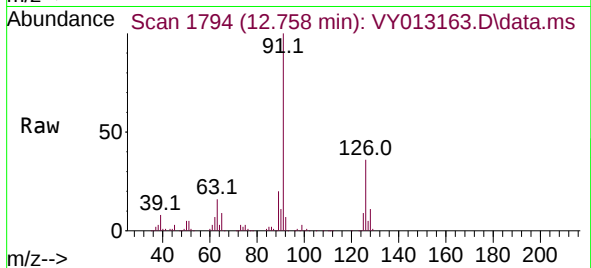
#79
2-Chlorotoluene
Concen: 46.938 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 19487
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.2

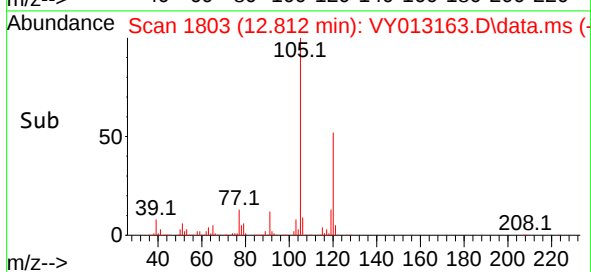
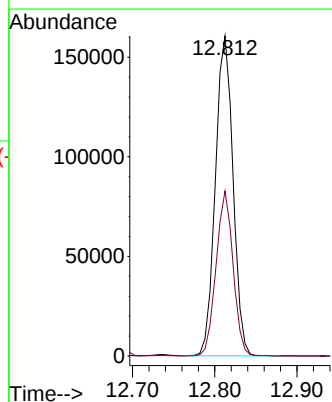
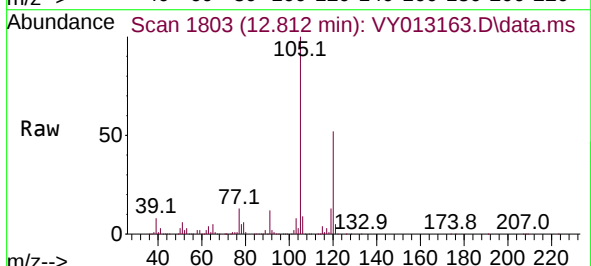
Manual Integrations
APPROVED

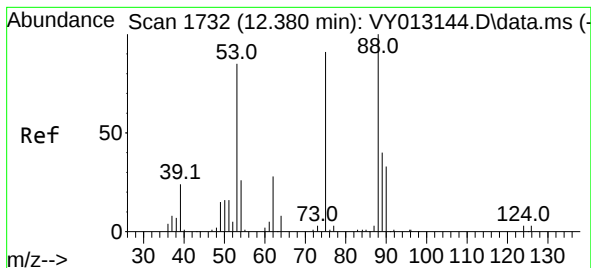
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.916 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion:105 Resp: 238380
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4





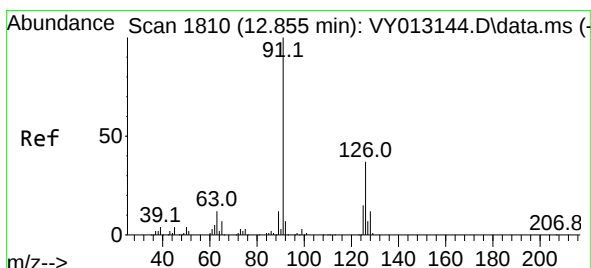
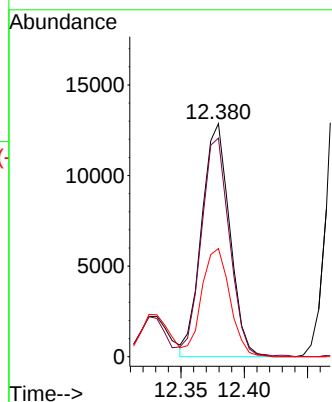
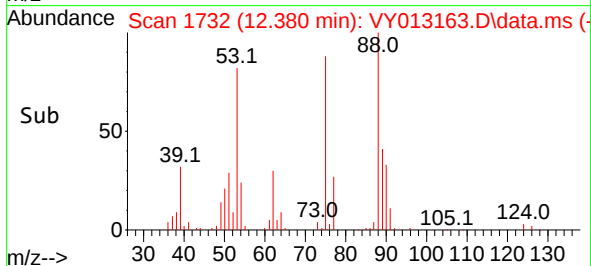
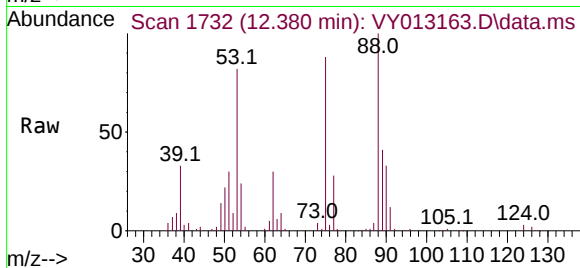
#81
trans-1,4-Dichloro-2-butene
Concen: 45.762 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 19872
Ion Ratio Lower Upper
75 100
53 95.2 73.4 110.0
89 47.0 36.6 55.0

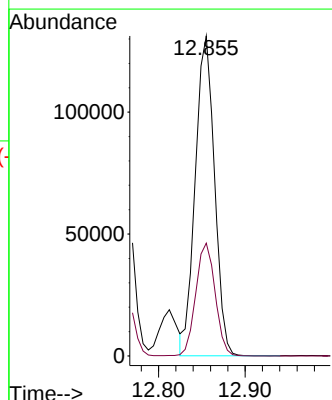
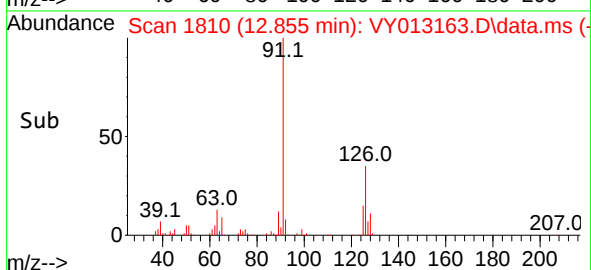
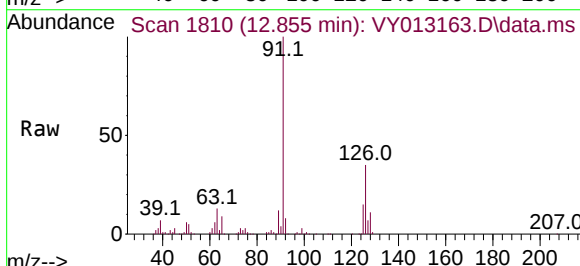
Manual Integrations
APPROVED

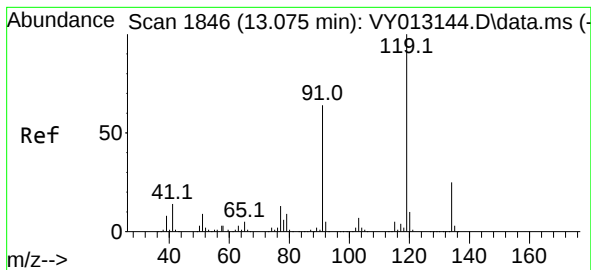
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#82
4-Chlorotoluene
Concen: 46.749 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 91 Resp: 201994
Ion Ratio Lower Upper
91 100
126 35.6 17.7 53.1





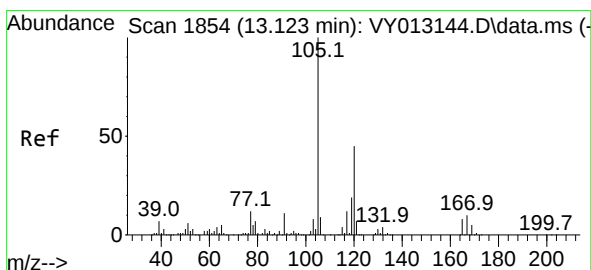
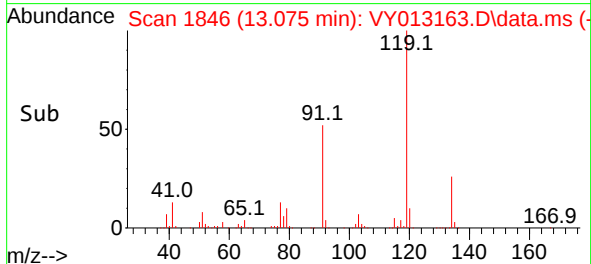
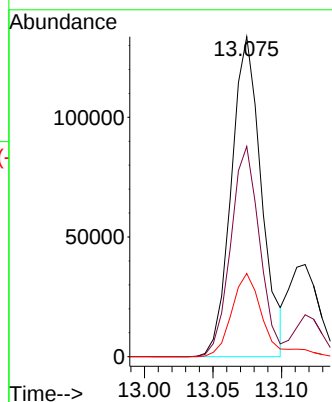
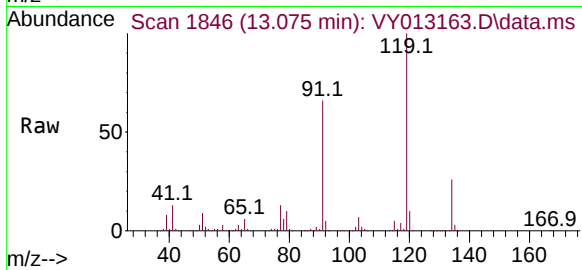
#83
tert-Butylbenzene
Concen: 47.970 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 204979
Ion Ratio Lower Upper
119 100
91 63.2 32.8 98.3
134 27.2 13.6 40.8

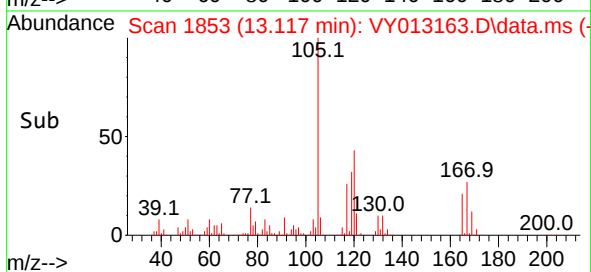
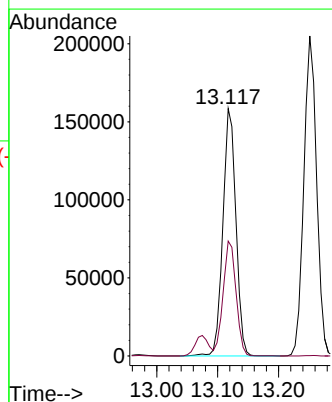
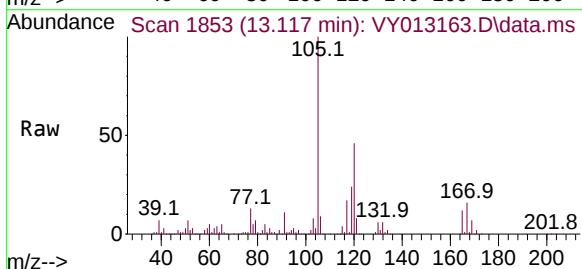
Manual Integrations
APPROVED

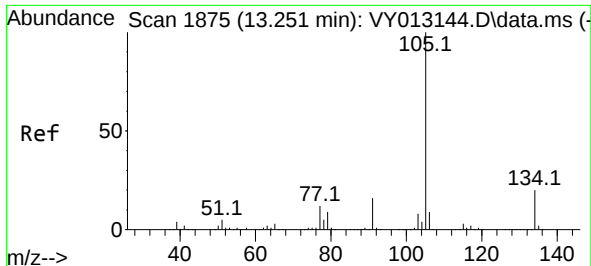
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.389 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

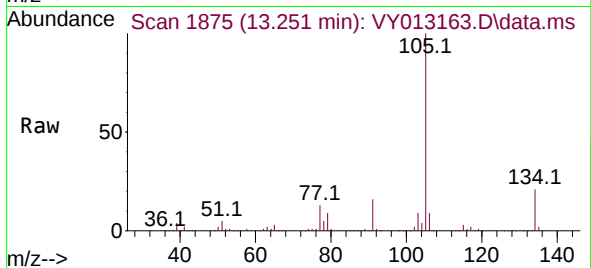
Tgt Ion:105 Resp: 235756
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85
sec-Butylbenzene
Concen: 46.202 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

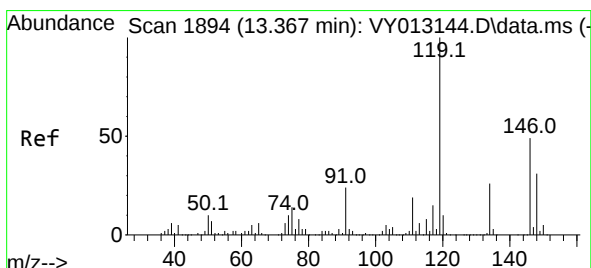
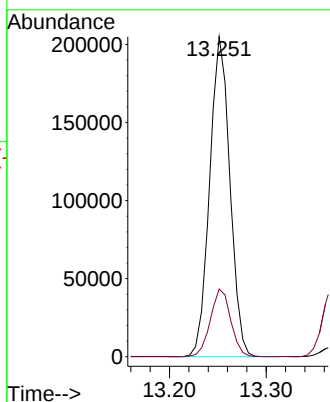
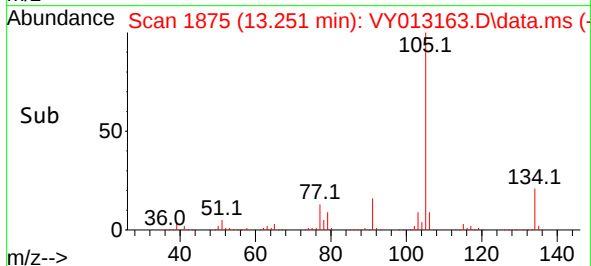
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



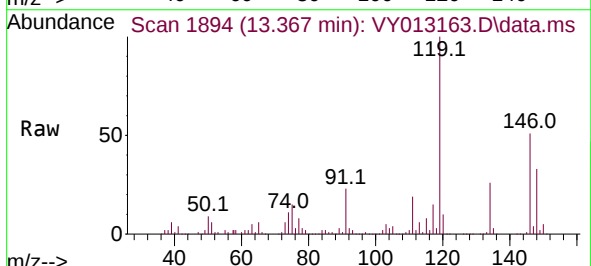
Tgt Ion:105 Resp: 298097
Ion Ratio Lower Upper
105 100
134 21.2 10.4 31.1

Manual Integrations
APPROVED

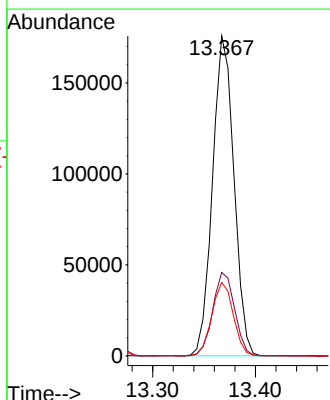
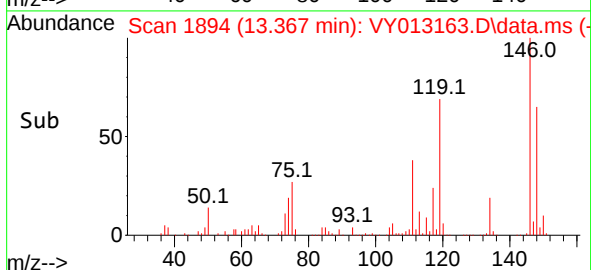
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

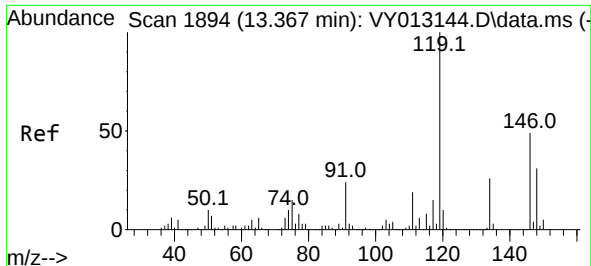


#86
p-Isopropyltoluene
Concen: 47.839 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29



Tgt Ion:119 Resp: 254097
Ion Ratio Lower Upper
119 100
134 26.7 13.2 39.6
91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 47.760 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 140060

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

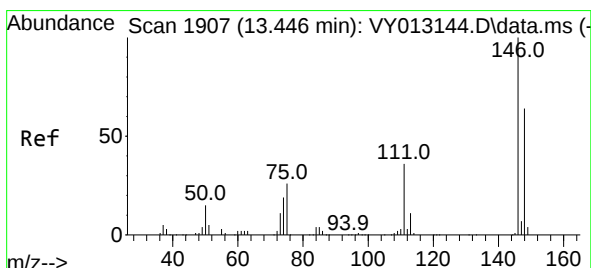
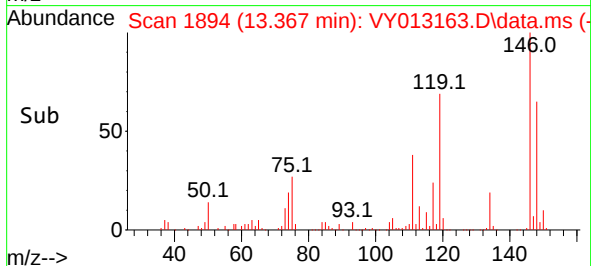
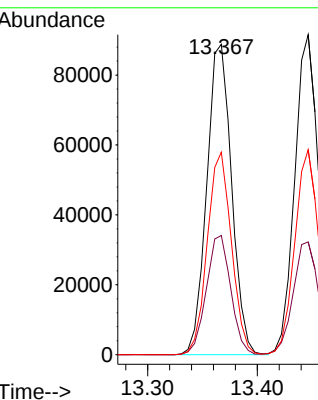
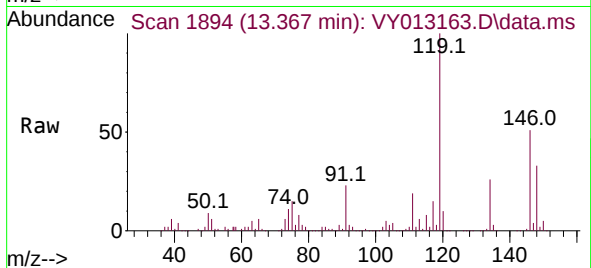
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#88

1,4-Dichlorobenzene

Concen: 47.351 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

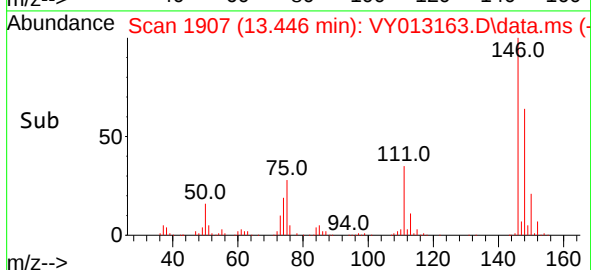
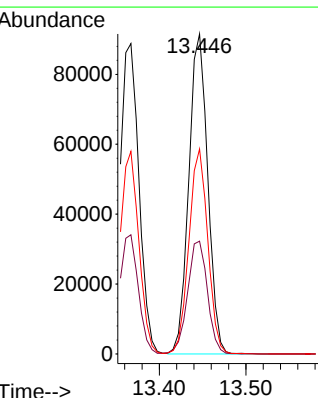
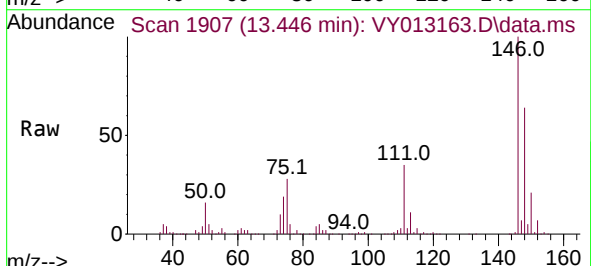
Tgt Ion:146 Resp: 139153

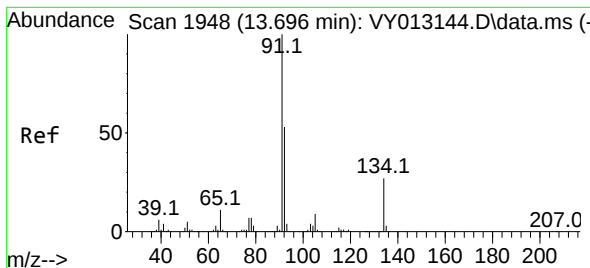
Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.8

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 46.125 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

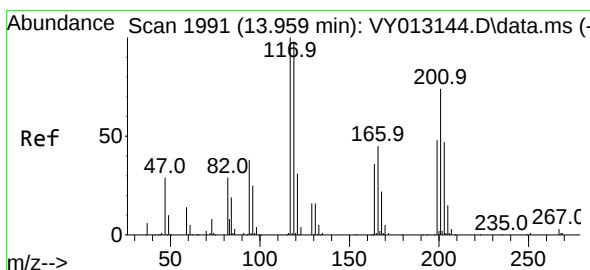
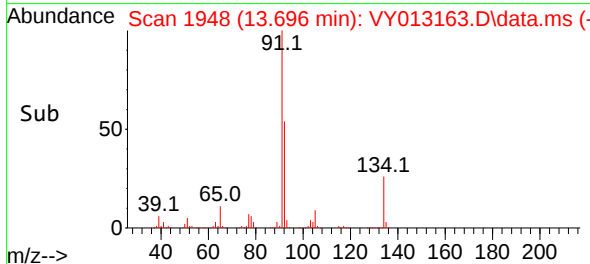
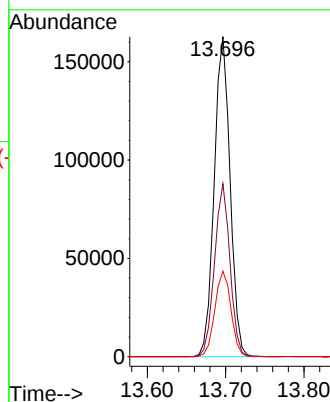
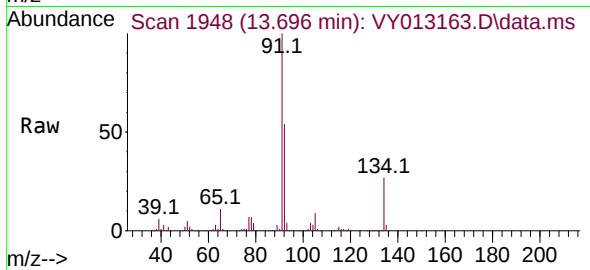
Tgt Ion:	91	Resp:	22903
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.4	79.0
134	27.2	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#90

Hexachloroethane

Concen: 45.451 ug/l

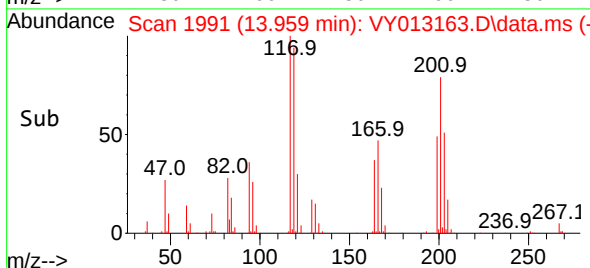
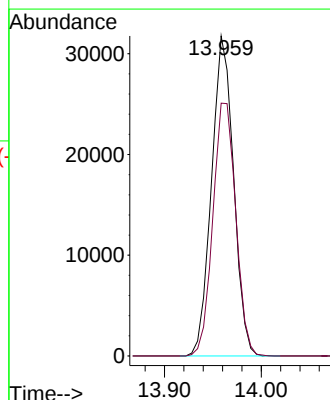
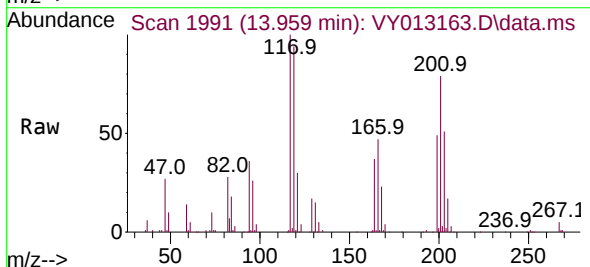
RT: 13.959 min Scan# 1991

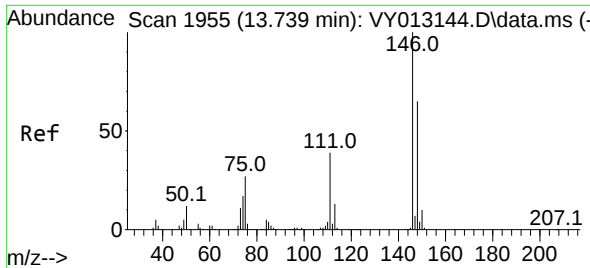
Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion:	117	Resp:	50291
Ion Ratio	Lower	Upper	
117	100		
201	82.1	39.4	118.1





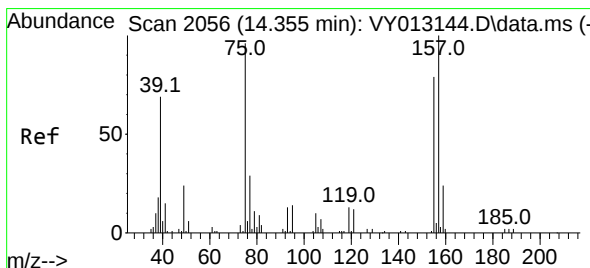
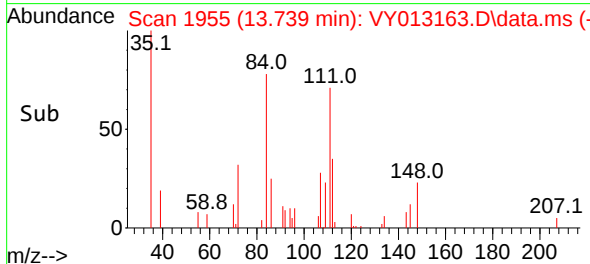
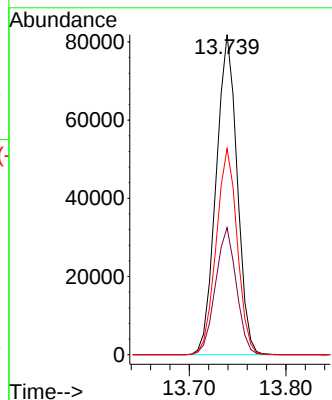
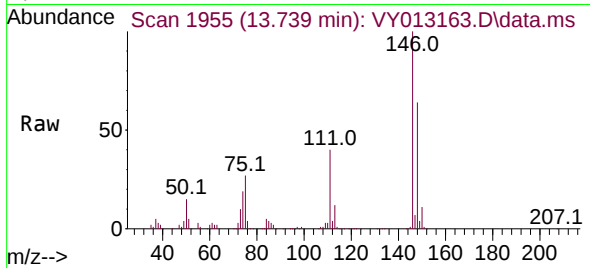
#91
1,2-Dichlorobenzene
Concen: 47.174 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 12355
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 64.4 31.9 95.5

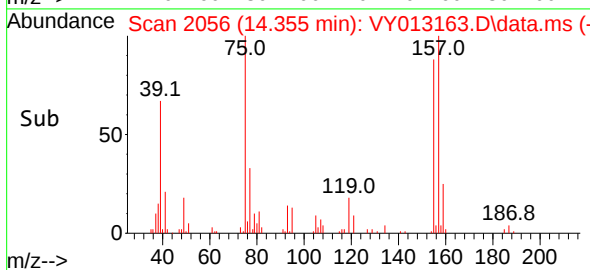
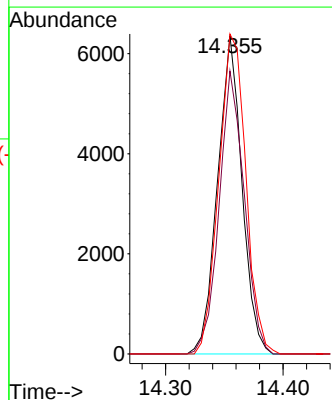
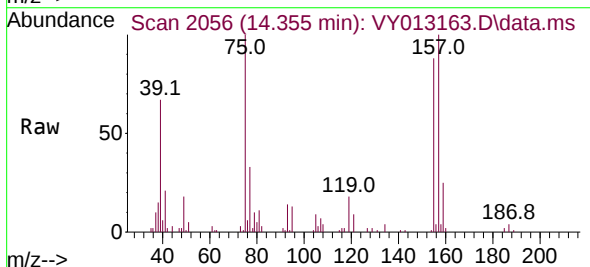
Manual Integrations
APPROVED

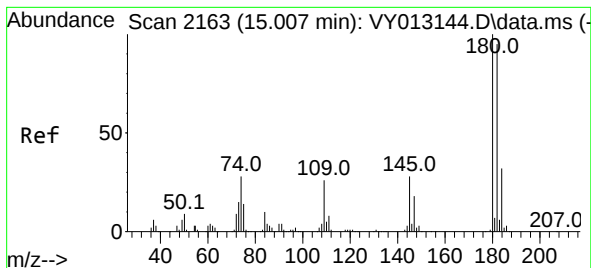
Reviewed By :Krupa Patel 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.164 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013163.D
Acq: 31 Mar 2023 16:29

Tgt Ion: 75 Resp: 9160
Ion Ratio Lower Upper
75 100
155 91.6 43.8 131.4
157 111.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 49.948 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

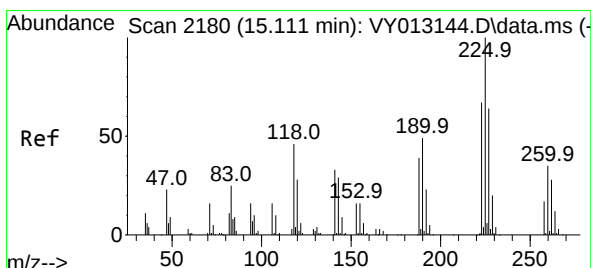
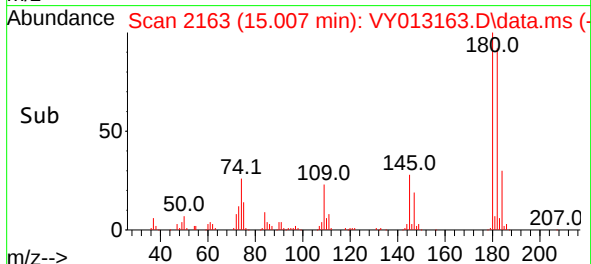
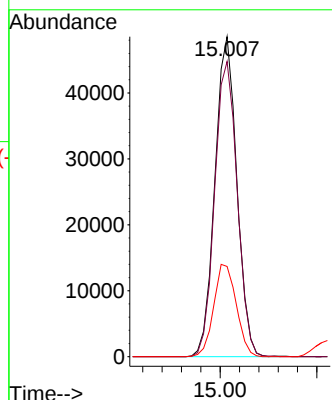
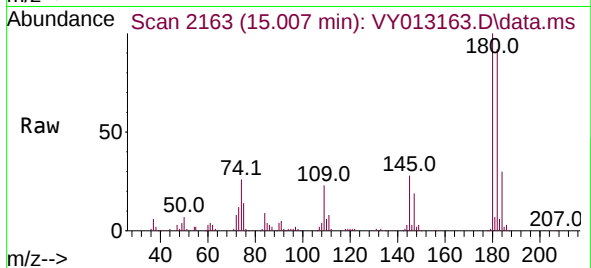
Tgt Ion:	180	Resp:	7628
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.7	140.1
145	29.7	14.6	43.8

Manual Integrations

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Supervised By :Mahesh Dadoda 04/03/2023



#94

Hexachlorobutadiene

Concen: 47.996 ug/l

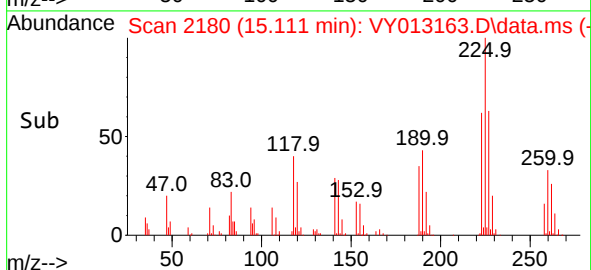
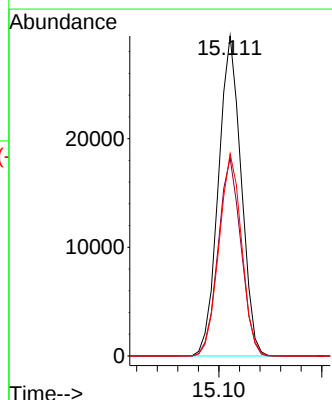
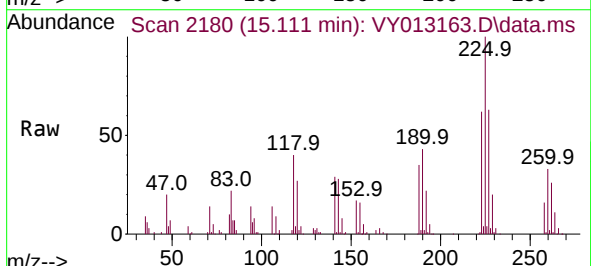
RT: 15.111 min Scan# 2180

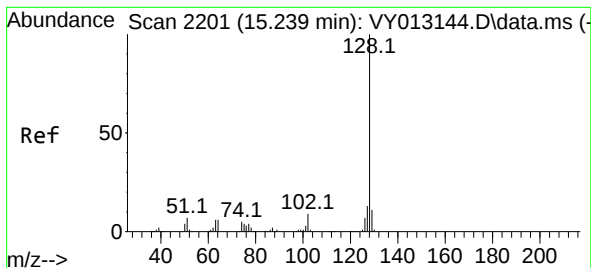
Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion:	225	Resp:	45085
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.1	93.3
227	63.0	32.4	97.0





#95

Naphthalene

Concen: 44.545 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

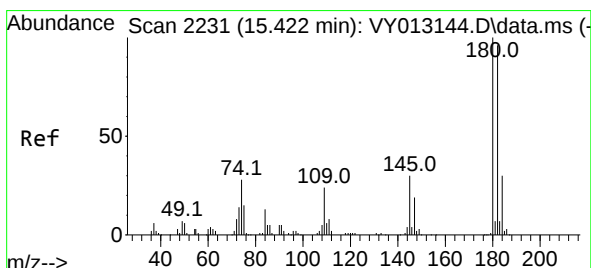
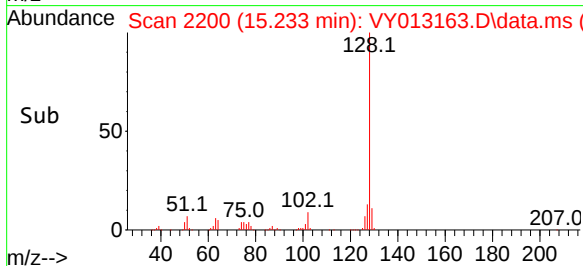
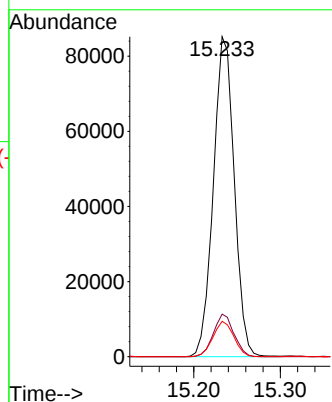
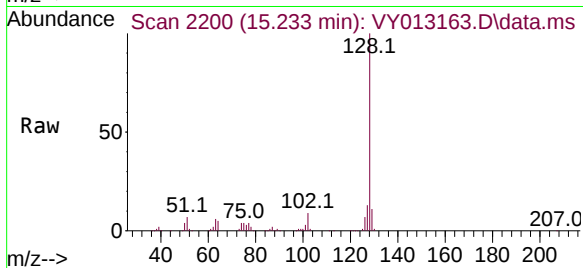
Tgt Ion:128	Resp: 142890
Ion Ratio	Lower Upper
128 100	
127 13.1	10.3 15.5
129 11.1	8.6 13.0

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 04/03/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.816 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013163.D

Acq: 31 Mar 2023 16:29

Tgt Ion:180	Resp: 65690
Ion Ratio	Lower Upper
180 100	
182 97.2	47.4 142.3
145 31.3	15.3 45.8

