

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020472.D
 Acq On : 02 Dec 2024 09:16
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 02 14:34:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:33:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	178825	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	284363	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	228277	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	102161	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	10399	5.718	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.440%#		
35) Dibromofluoromethane	7.652	113	10015	5.594	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.180%#		
50) Toluene-d8	10.122	98	37392	5.485	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.980%#		
62) 4-Bromofluorobenzene	12.420	95	14320	6.006	ug/l	0.02
Spiked Amount 50.000	Range 29 - 146		Recovery =	12.020%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.879	85	9051	5.189	ug/l	100
3) Chloromethane	2.086	50	9555	5.416	ug/l	96
4) Vinyl Chloride	2.221	62	9404	5.222	ug/l #	84
5) Bromomethane	2.617	94	5760	5.452	ug/l	94
6) Chloroethane	2.757	64	5816	5.270	ug/l	99
7) Trichlorofluoromethane	3.080	101	18222	5.403	ug/l	91
8) Diethyl Ether	3.470	74	5437	5.690	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.836	101	10995	5.595	ug/l	95
10) Methyl Iodide	4.025	142	10718	4.859	ug/l	96
11) Tert butyl alcohol	4.872	59	3578	30.328	ug/l #	73
12) 1,1-Dichloroethene	3.812	96	10023	5.399	ug/l	95
13) Acrolein	3.671	56	3593	32.528	ug/l	93
14) Allyl chloride	4.403	41	18125	5.474	ug/l	94
15) Acrylonitrile	5.092	53	11038	27.723	ug/l	99
16) Acetone	3.885	43	11973	26.477	ug/l	100
17) Carbon Disulfide	4.129	76	25853	4.866	ug/l	96
18) Methyl Acetate	4.415	43	5409	5.628	ug/l	99
19) Methyl tert-butyl Ether	5.141	73	26244	5.536	ug/l	95
20) Methylene Chloride	4.641	84	10506	5.461	ug/l	95
21) trans-1,2-Dichloroethene	5.141	96	11589	5.621	ug/l	95
22) Diisopropyl ether	6.043	45	36321	5.517	ug/l	95
23) Vinyl Acetate	5.988	43	91450	26.261	ug/l	100
24) 1,1-Dichloroethane	5.945	63	21720	5.480	ug/l	99
25) 2-Butanone	6.915	43	15248	26.703	ug/l	100
26) 2,2-Dichloropropane	6.903	77	20839	5.559	ug/l	99
27) cis-1,2-Dichloroethene	6.915	96	12929	5.370	ug/l	97
28) Bromochloromethane	7.268	49	8001	5.406	ug/l	93
29) Tetrahydrofuran	7.287	42	9160	28.119	ug/l	99
30) Chloroform	7.439	83	22668	5.572	ug/l	99
31) Cyclohexane	7.720	56	20962	5.850	ug/l #	66
32) 1,1,1-Trichloroethane	7.634	97	21761	5.555	ug/l	99
36) 1,1-Dichloropropene	7.854	75	16015	5.297	ug/l	99
37) Ethyl Acetate	7.000	43	7014	5.856	ug/l	99
38) Carbon Tetrachloride	7.835	117	19058	5.282	ug/l	95
39) Methylcyclohexane	9.122	83	19023	5.071	ug/l	96
40) Benzene	8.098	78	47972	5.382	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	3767	2.898	ug/l #	85
42) 1,2-Dichloroethane	8.171	62	12405	5.297	ug/l	99
43) Isopropyl Acetate	8.213	43	12609	5.214	ug/l	94
44) Trichloroethene	8.878	130	11643	5.299	ug/l	97
45) 1,2-Dichloropropane	9.152	63	11776	5.646	ug/l	95
46) Dibromomethane	9.250	93	5515	5.340	ug/l	97
47) Bromodichloromethane	9.439	83	16718	5.495	ug/l	97
48) Methyl methacrylate	9.238	41	5558	4.928	ug/l	96
49) 1,4-Dioxane	9.244	88	1187	120.246	ug/l #	90
51) 4-Methyl-2-Pentanone	10.012	43	31570	26.432	ug/l	96
52) Toluene	10.182	92	29207	5.252	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	14311	5.239	ug/l	94
54) cis-1,3-Dichloropropene	9.865	75	16925	5.243	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	7326	5.318	ug/l	92
56) Ethyl methacrylate	10.451	69	9564	4.907	ug/l	97
57) 1,3-Dichloropropane	10.731	76	13618	5.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.725	63	22288	24.421	ug/l	94
59) 2-Hexanone	10.774	43	21952	25.477	ug/l	96
60) Dibromochloromethane	10.926	129	10538	5.494	ug/l	100
61) 1,2-Dibromoethane	11.024	107	6966	5.529	ug/l	96
64) Tetrachloroethene	10.658	164	10411	5.397	ug/l	86
65) Chlorobenzene	11.451	112	30503	5.331	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.530	131	11209	5.524	ug/l	98
67) Ethyl Benzene	11.530	91	56626	5.280	ug/l	99
68) m/p-Xylenes	11.640	106	41510	10.570	ug/l	97
69) o-Xylene	11.969	106	19192	5.216	ug/l	96
70) Styrene	11.981	104	32027	5.218	ug/l	99
71) Bromoform	12.146	173	5650	5.476	ug/l #	97
73) Isopropylbenzene	12.268	105	54241	5.487	ug/l	99
74) N-amyl acetate	12.079	43	9861	5.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	8116	5.710	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	5973m	3.096	ug/l	
77) Bromobenzene	12.542	156	11207	5.475	ug/l	98
78) n-propylbenzene	12.609	91	63666	5.440	ug/l	99
79) 2-Chlorotoluene	12.694	91	36119	5.469	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	42721	5.393	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	2724	5.371	ug/l	99
82) 4-Chlorotoluene	12.792	91	36917	5.478	ug/l	98
83) tert-Butylbenzene	13.011	119	39095	5.459	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	41106	5.339	ug/l	100
85) sec-Butylbenzene	13.188	105	55327	5.391	ug/l	99
86) p-Isopropyltoluene	13.304	119	45103	5.318	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	21748	5.509	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	21267	5.503	ug/l	95
89) n-Butylbenzene	13.633	91	40916	5.201	ug/l	98
90) Hexachloroethane	13.895	117	9033	5.465	ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	18099	5.406	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	1145	5.321	ug/l	93
93) 1,2,4-Trichlorobenzene	14.938	180	9390	4.988	ug/l	98
94) Hexachlorobutadiene	15.041	225	6613	5.021	ug/l	95
95) Naphthalene	15.157	128	13952	4.580	ug/l	98
96) 1,2,3-Trichlorobenzene	15.346	180	7300	4.806	ug/l	97

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

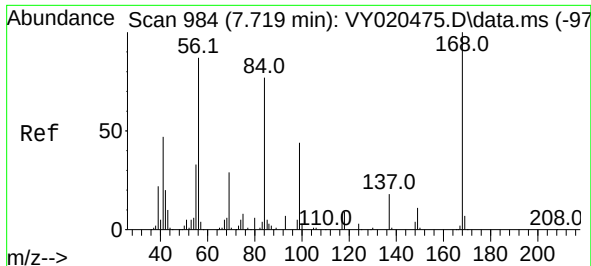
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

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Quant Title : SW846 8260
QLast Update : Mon Dec 02 14:33:38 2024
Response via : Initial Calibration

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



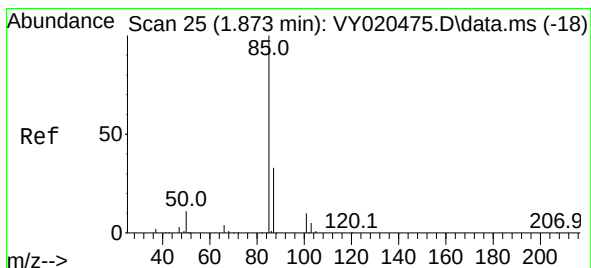
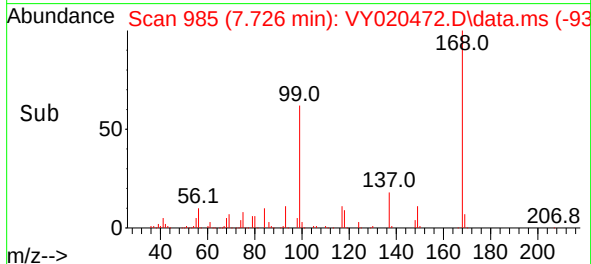
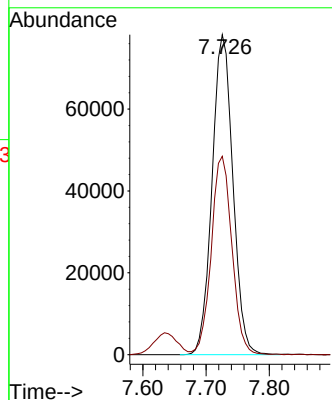
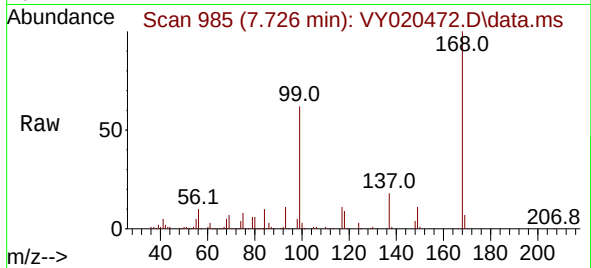
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 984
Delta R.T. 0.013 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 178824
Ion Ratio Lower Upper
168 100
99 61.9 46.6 69.8

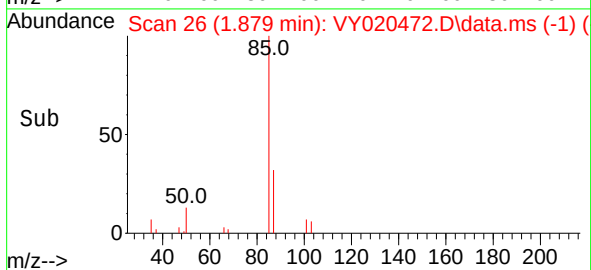
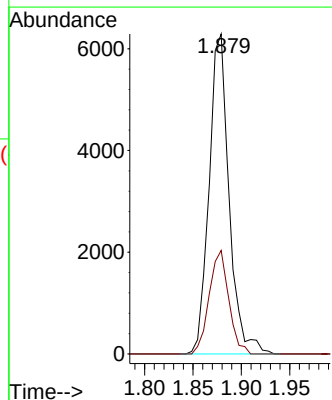
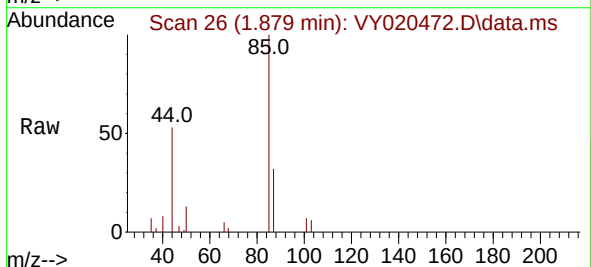
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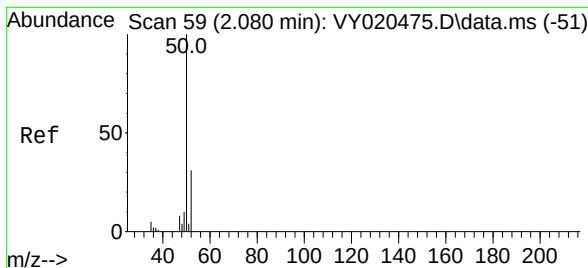
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#2
Dichlorodifluoromethane
Concen: 5.189 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 85 Resp: 9051
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2





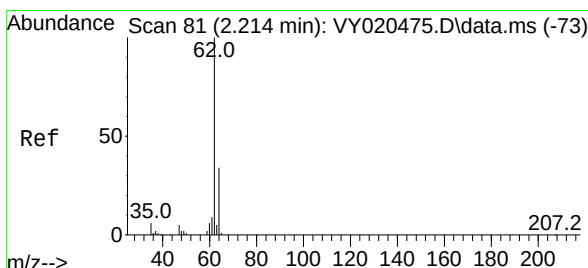
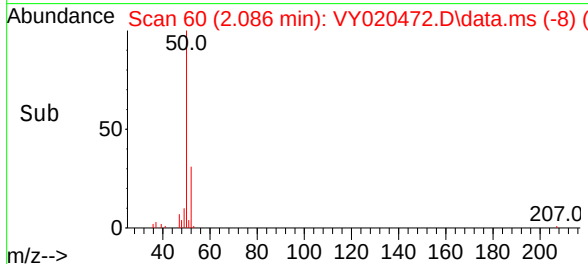
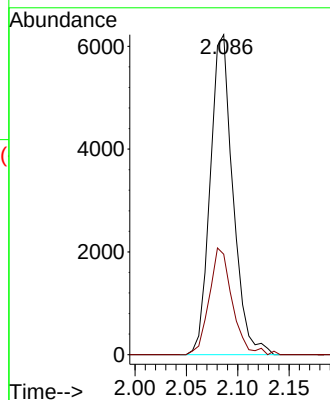
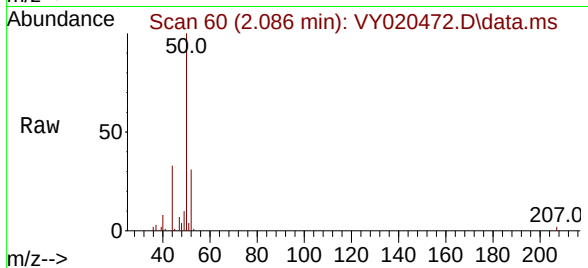
#3
Chloromethane
Concen: 5.416 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 955
Ion Ratio Lower Upper
50 100
52 31.4 26.9 40.3

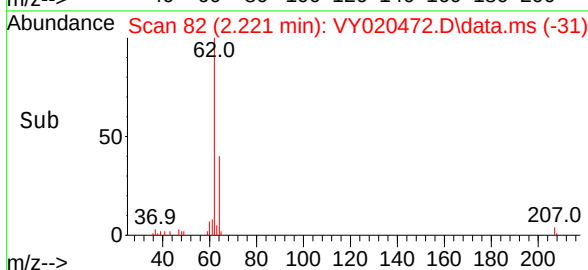
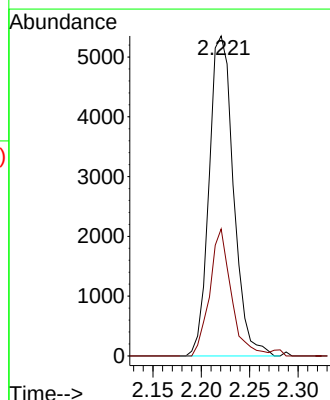
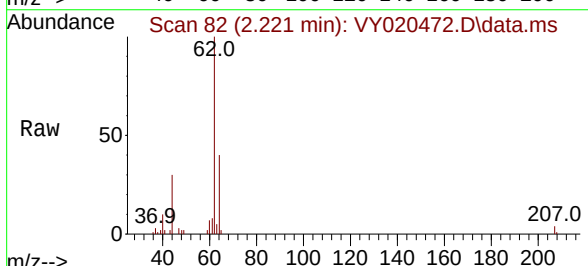
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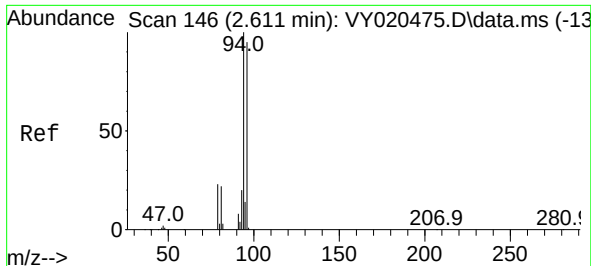
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#4
Vinyl Chloride
Concen: 5.222 ug/l
RT: 2.221 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

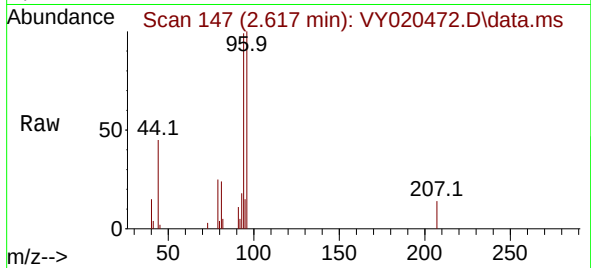
Tgt Ion: 62 Resp: 9404
Ion Ratio Lower Upper
62 100
64 39.7 24.7 37.1#





#5
Bromomethane
Concen: 5.452 ug/l
RT: 2.617 min Scan# 146
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

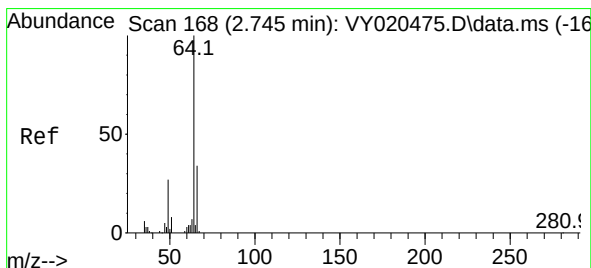
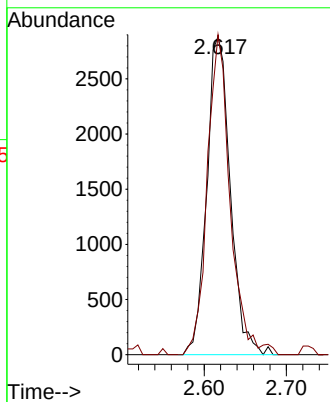
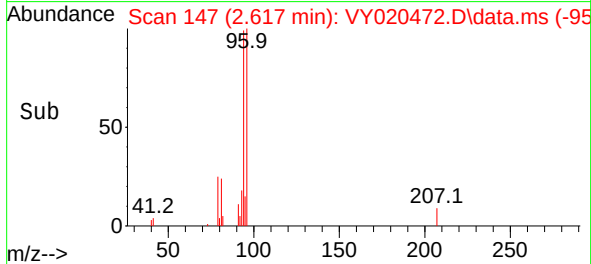
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 5760
Ion Ratio Lower Upper
94 100
96 100.6 75.4 113.2

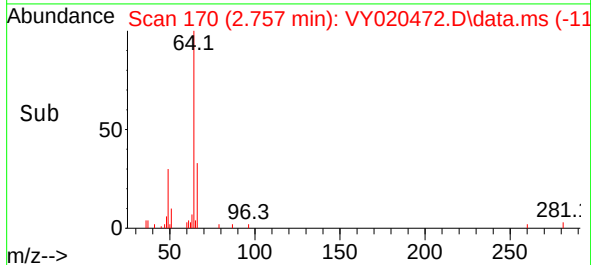
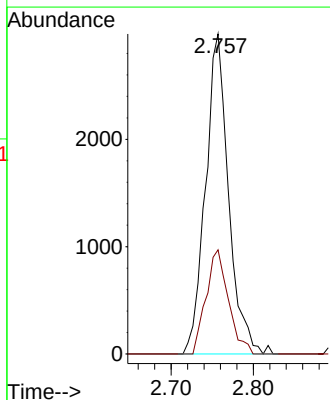
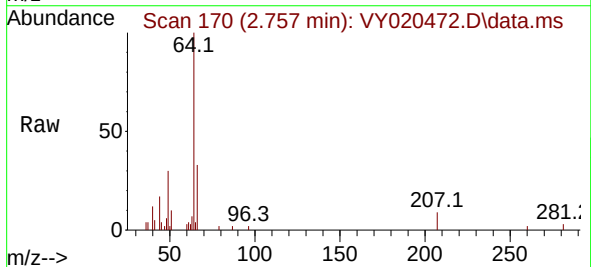
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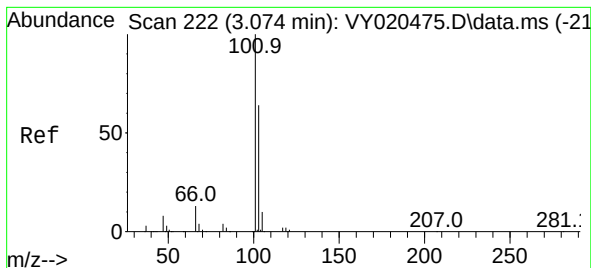
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#6
Chloroethane
Concen: 5.270 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

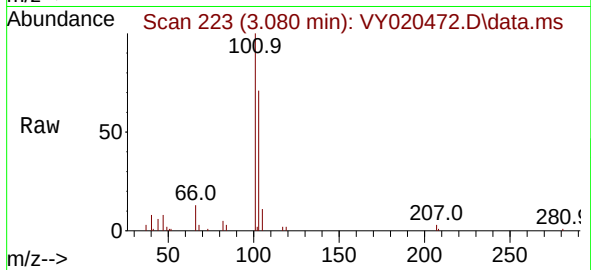
Tgt Ion: 64 Resp: 5816
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5





#7
Trichlorofluoromethane
Concen: 5.403 ug/l
RT: 3.080 min Scan# 222
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

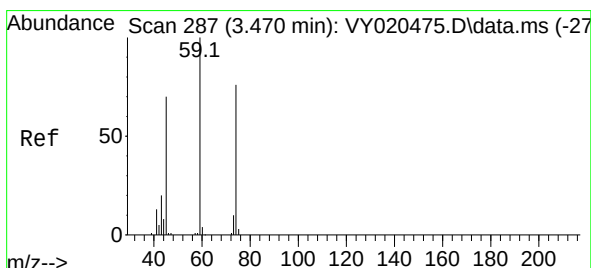
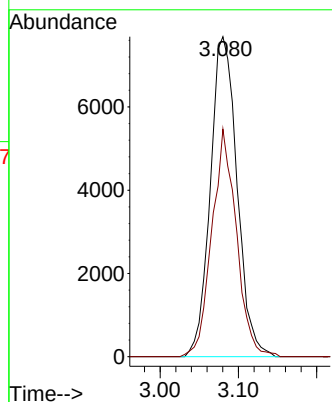
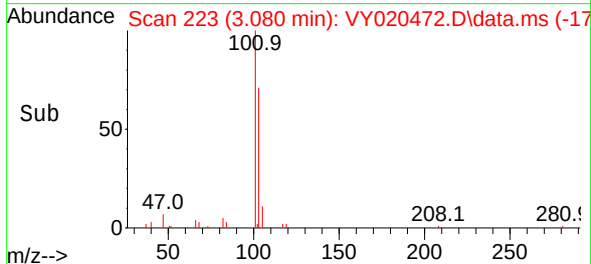
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 1822
Ion Ratio Lower Upper
101 100
103 71.1 51.5 77.3

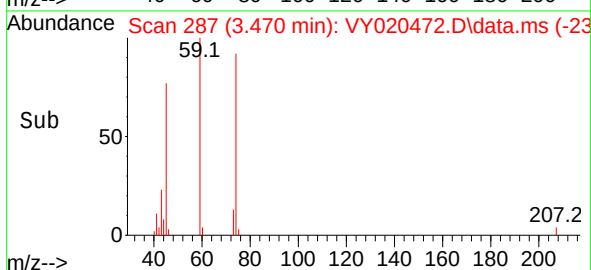
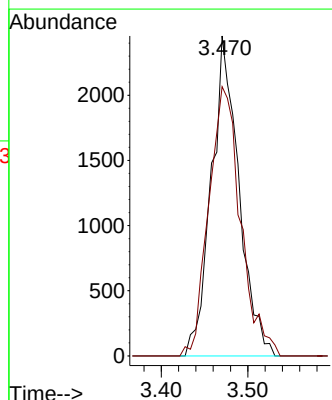
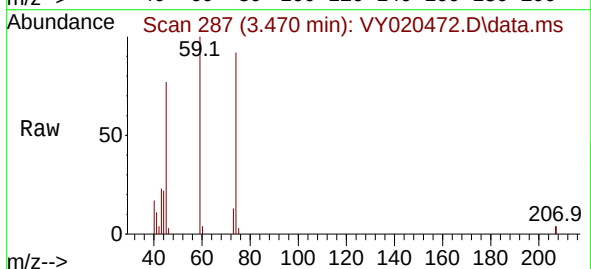
Manual Integrations
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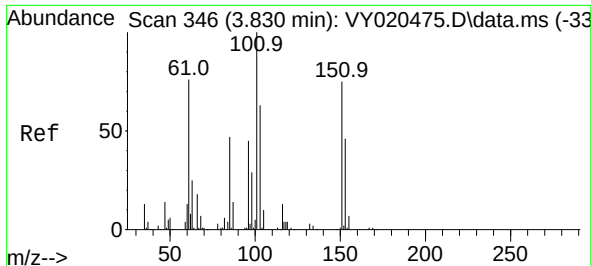
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#8
Diethyl Ether
Concen: 5.690 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 74 Resp: 5437
Ion Ratio Lower Upper
74 100
45 96.6 53.6 160.8





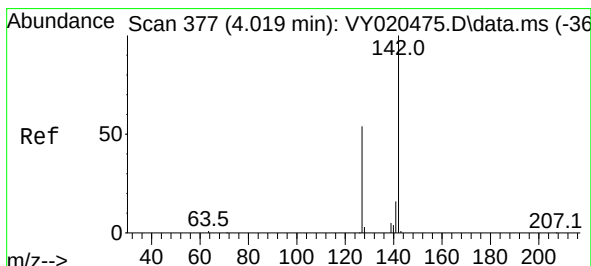
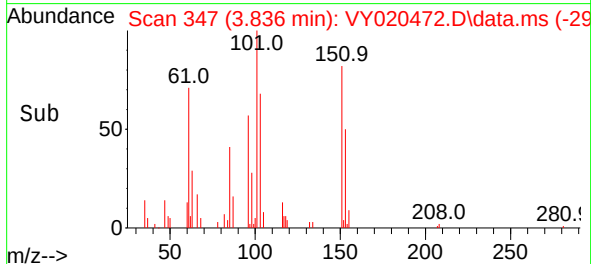
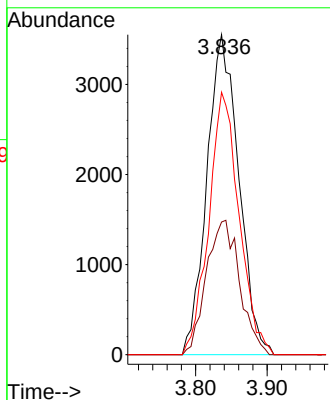
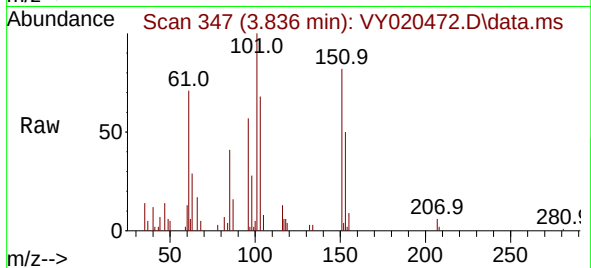
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1,1,2-Trichlorotrifluoroethane
Concen: 5.595 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 10994
Ion Ratio Lower Upper
101 100
85 43.9 38.0 57.0
151 77.9 59.6 89.4

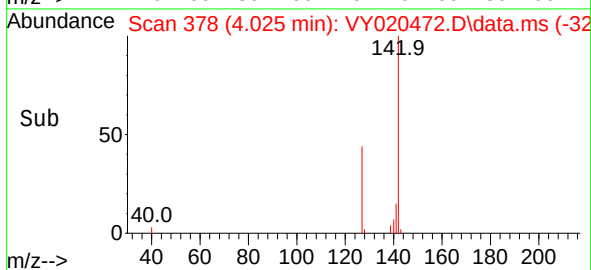
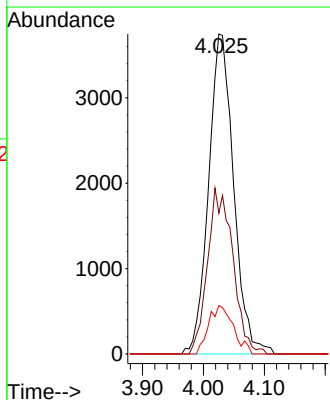
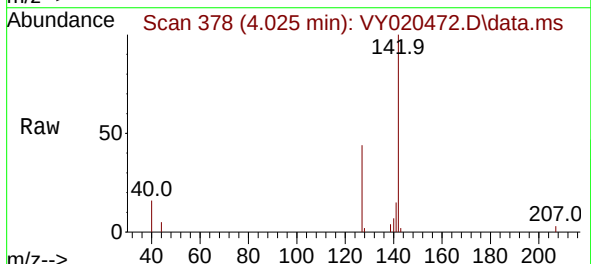
Manual Integrations
APPROVED

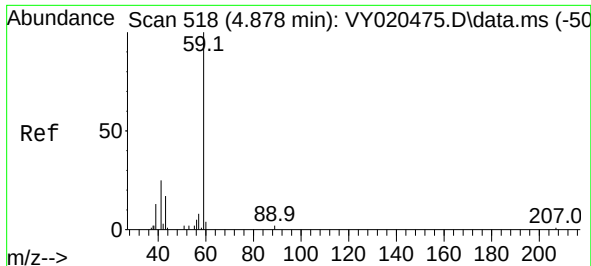
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#10
Methyl Iodide
Concen: 4.859 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion:142 Resp: 10718
Ion Ratio Lower Upper
142 100
127 52.3 38.9 58.3
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 30.328 ug/l

RT: 4.872 min Scan# 518

Delta R.T. -0.006 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 3578

Ion Ratio Lower Upper

59 100

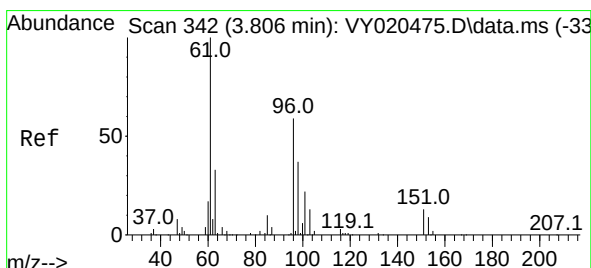
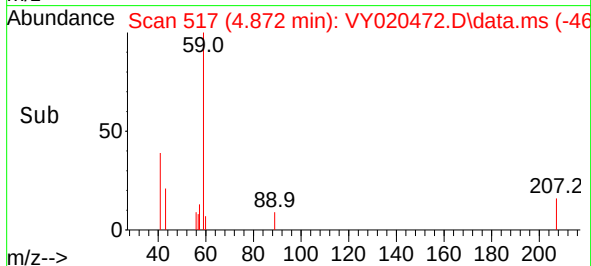
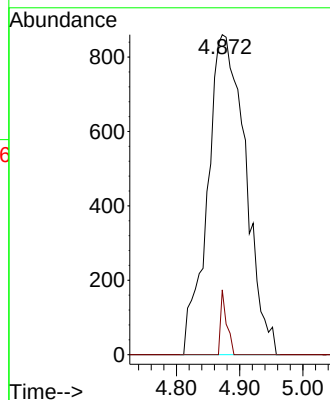
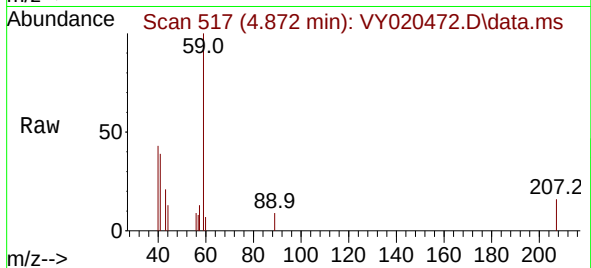
57 0.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#12

1,1-Dichloroethene

Concen: 5.399 ug/l

RT: 3.812 min Scan# 343

Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

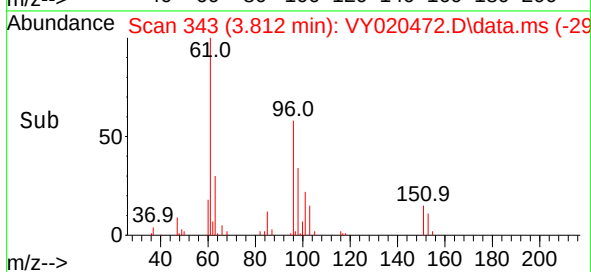
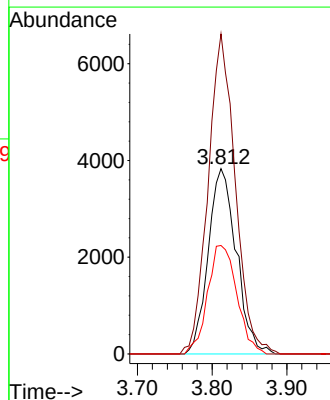
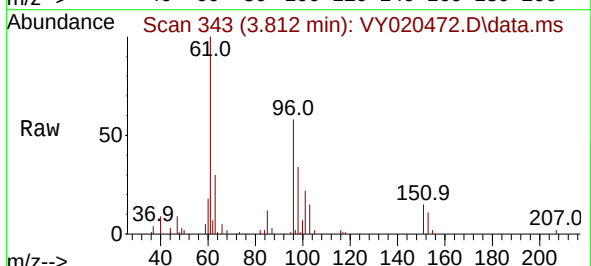
Tgt Ion: 96 Resp: 10023

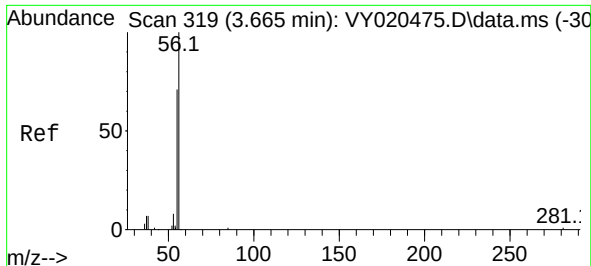
Ion Ratio Lower Upper

96 100

61 172.8 143.3 214.9

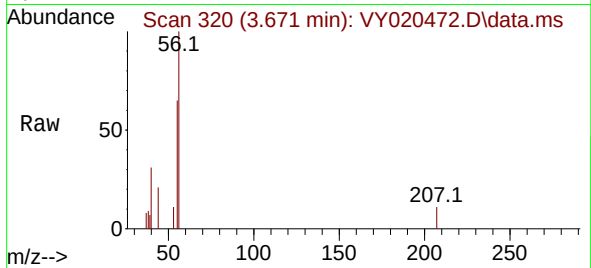
98 58.6 49.8 74.8





#13
Acrolein
Concen: 32.528 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

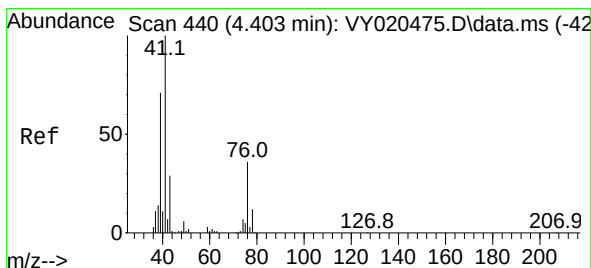
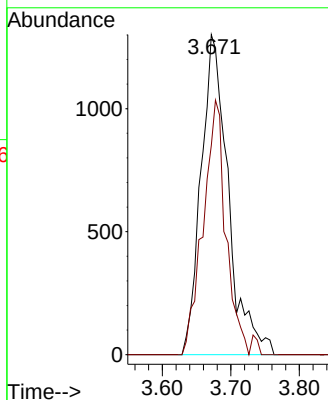
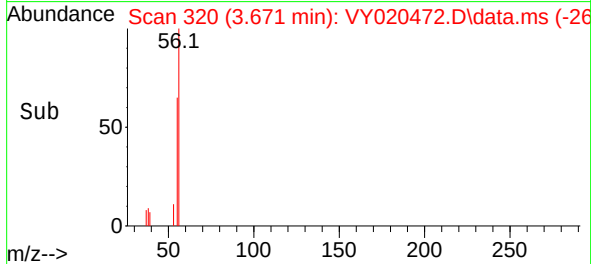
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 359
Ion Ratio Lower Upper
56 100
55 66.2 57.7 86.5

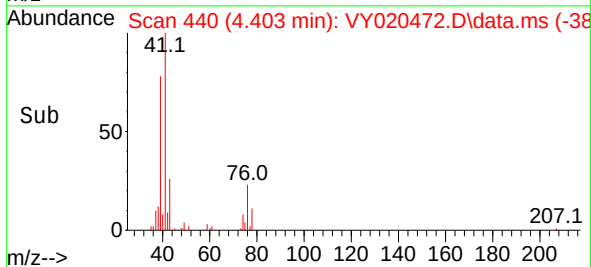
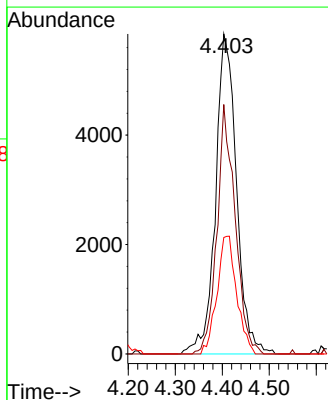
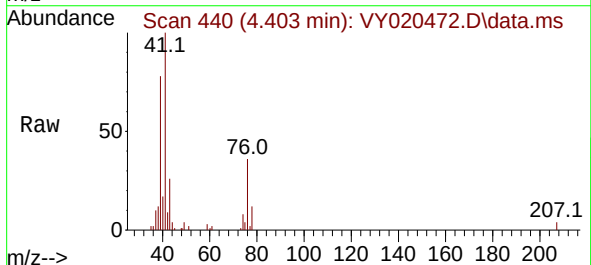
Manual Integrations
APPROVED

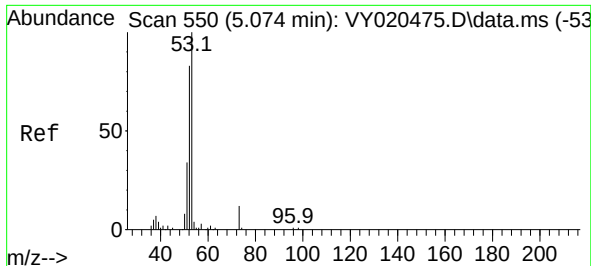
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#14
Allyl chloride
Concen: 5.474 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

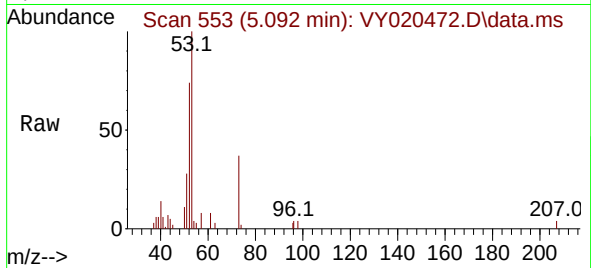
Tgt Ion: 41 Resp: 18125
Ion Ratio Lower Upper
41 100
39 67.6 58.8 88.2
76 34.6 29.7 44.5





#15
Acrylonitrile
Concen: 27.723 ug/l
RT: 5.092 min Scan# 553
Delta R.T. 0.030 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

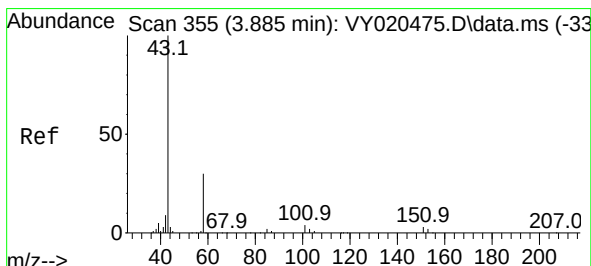
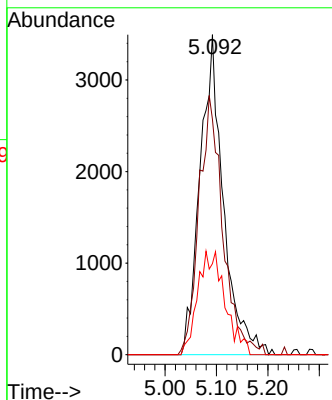
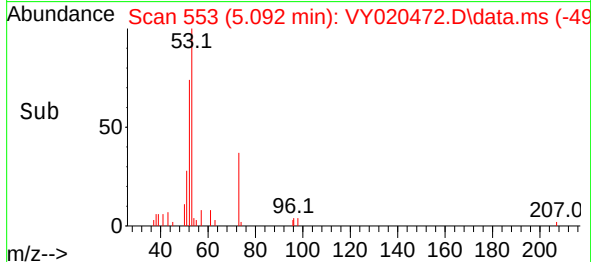
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



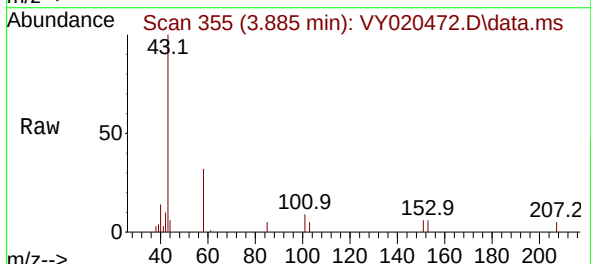
Tgt Ion: 53 Resp: 11038
Ion Ratio Lower Upper
53 100
52 82.6 65.2 97.8
51 37.7 30.2 45.4

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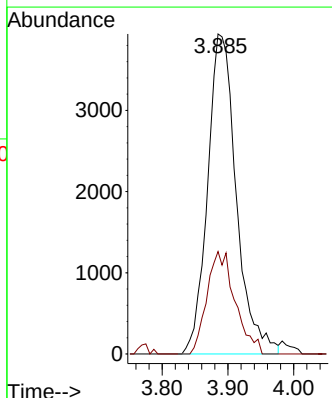
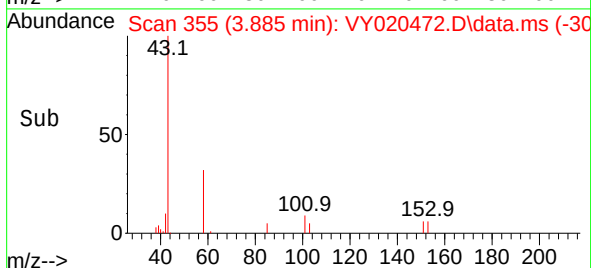
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

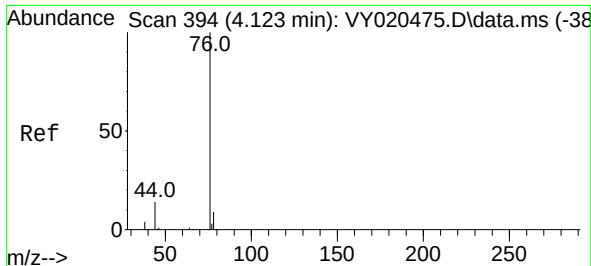


#16
Acetone
Concen: 26.477 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16



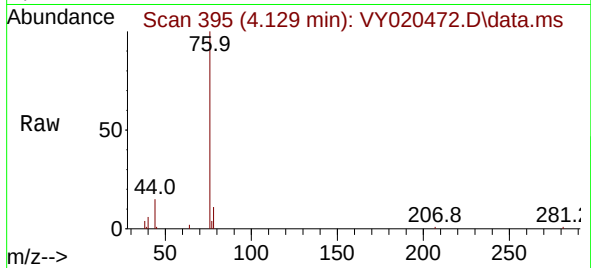
Tgt Ion: 43 Resp: 11973
Ion Ratio Lower Upper
43 100
58 32.0 25.7 38.5





#17
Carbon Disulfide
Concen: 4.866 ug/l
RT: 4.129 min Scan# 394
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

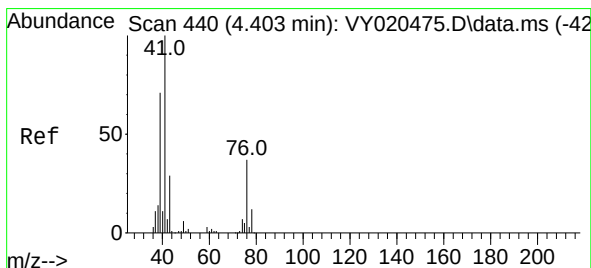
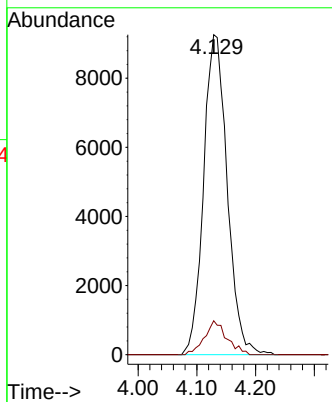
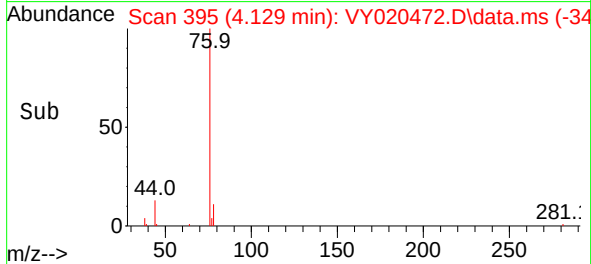
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 2585
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9

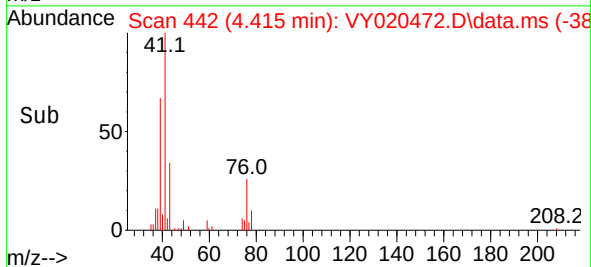
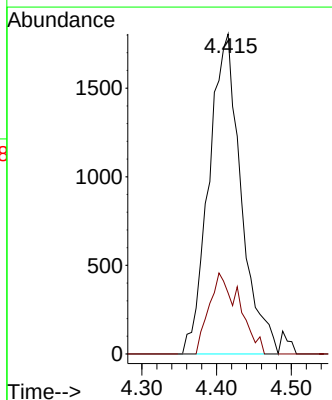
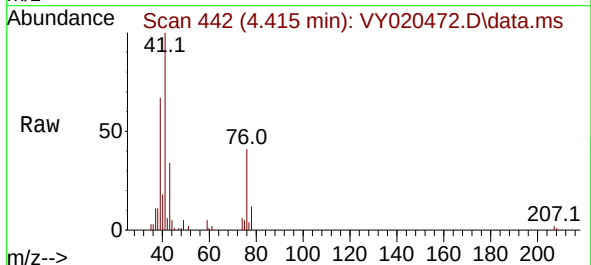
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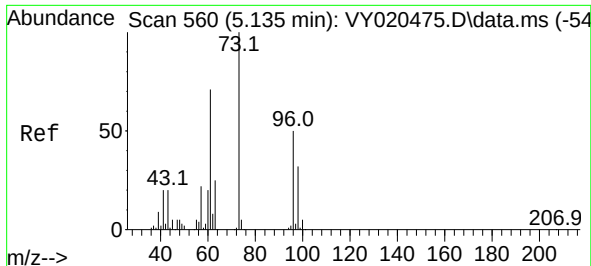
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#18
Methyl Acetate
Concen: 5.628 ug/l
RT: 4.415 min Scan# 442
Delta R.T. 0.024 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 43 Resp: 5409
Ion Ratio Lower Upper
43 100
74 23.8 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 5.536 ug/l

RT: 5.141 min Scan# 5

Delta R.T. 0.024 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 73 Resp: 2624

Ion Ratio Lower Upper

73 100

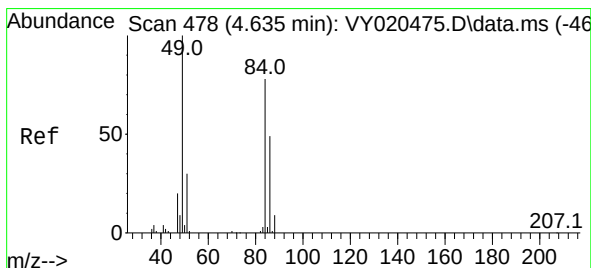
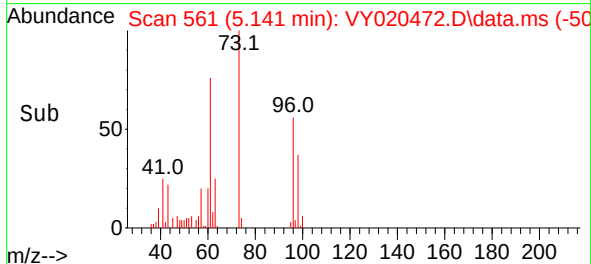
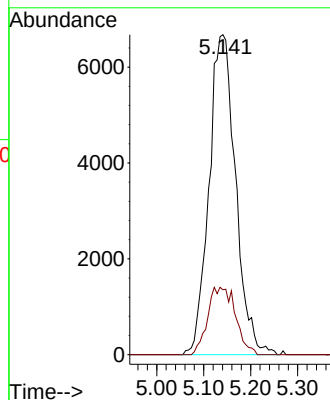
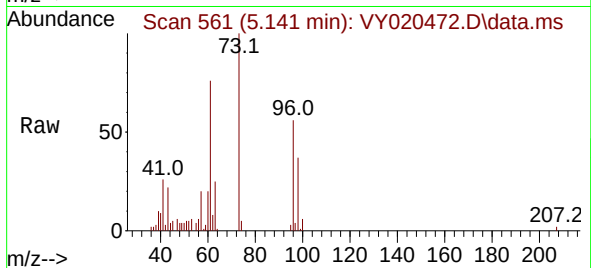
57 20.3 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#20

Methylene Chloride

Concen: 5.461 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.024 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Tgt Ion: 84 Resp: 10506

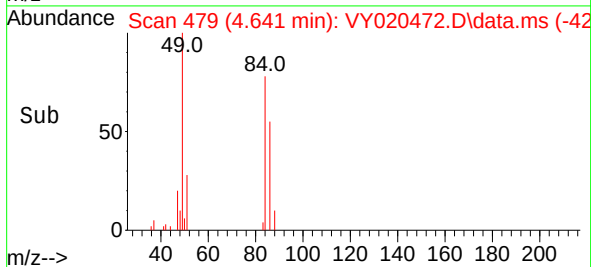
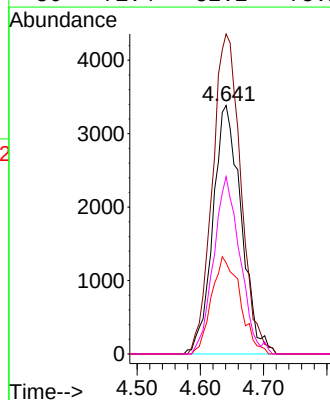
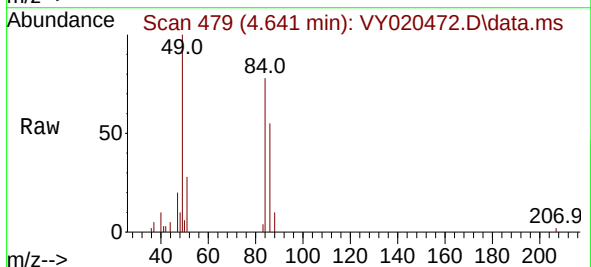
Ion Ratio Lower Upper

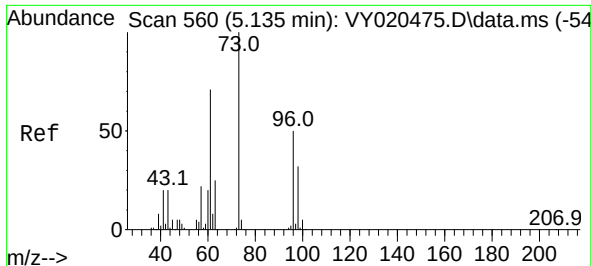
84 100

49 128.8 104.7 157.1

51 36.7 33.4 50.0

86 71.4 52.2 78.2





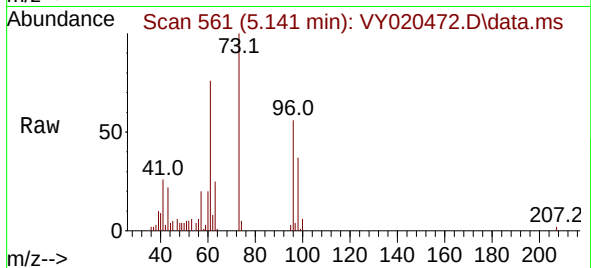
#21
trans-1,2-Dichloroethene
Concen: 5.621 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

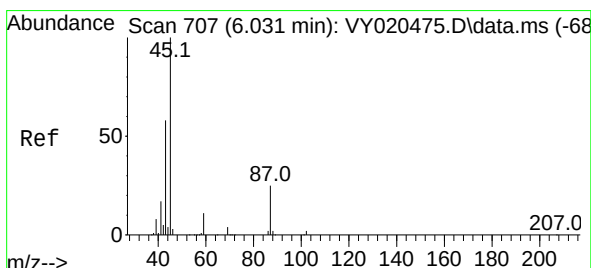
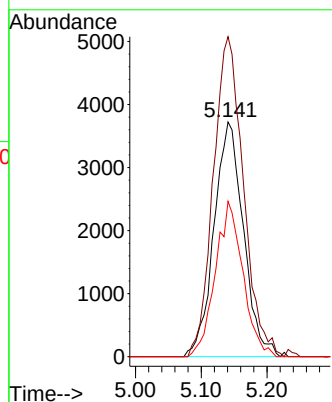
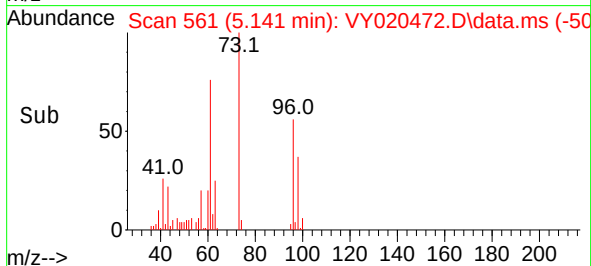


Tgt Ion: 96 Resp: 11589
Ion Ratio Lower Upper
96 100
61 136.4 111.6 167.4
98 66.2 46.7 70.1

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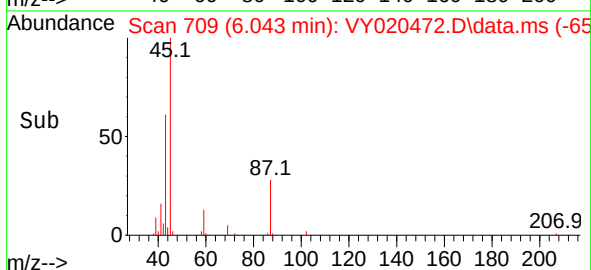
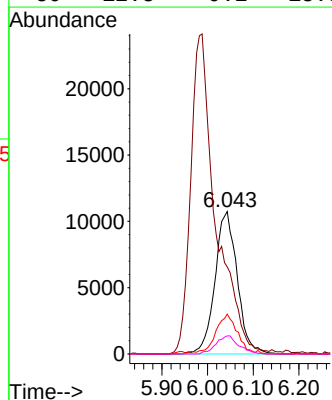
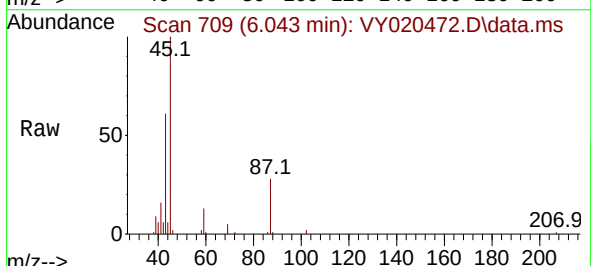
APPROVED

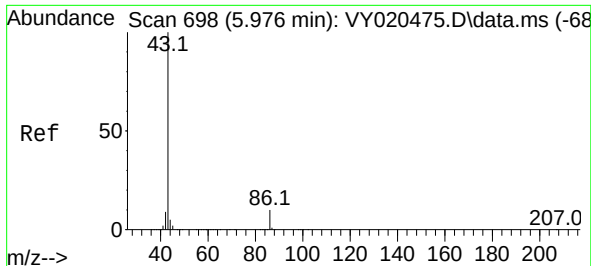
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#22
Diisopropyl ether
Concen: 5.517 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

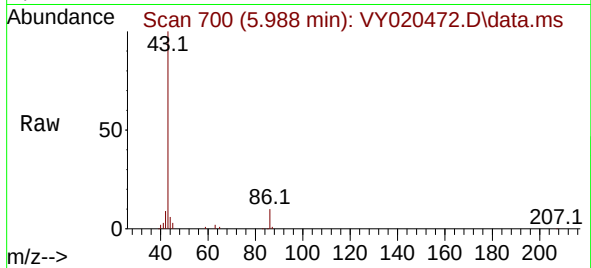
Tgt Ion: 45 Resp: 36321
Ion Ratio Lower Upper
45 100
43 59.5 44.8 67.2
87 28.0 20.6 30.8
59 12.8 9.2 13.8





#23
 Vinyl Acetate
 Concen: 26.261 ug/l
 RT: 5.988 min Scan# 700
 Delta R.T. 0.024 min
 Lab File: VY020472.D
 Acq: 02 Dec 2024 09:16

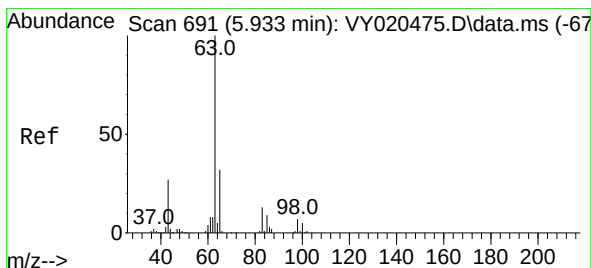
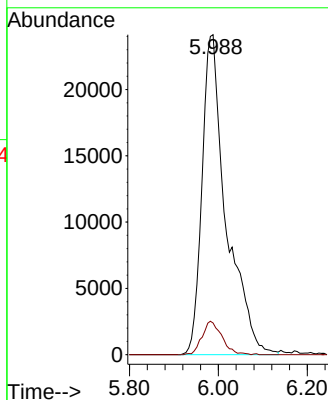
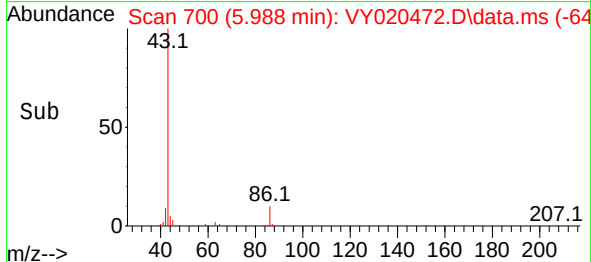
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 91450
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.0 12.0

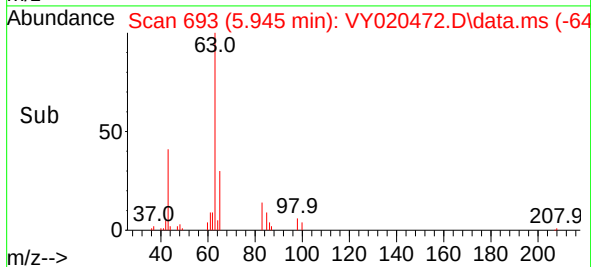
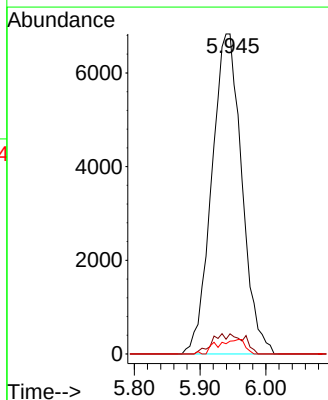
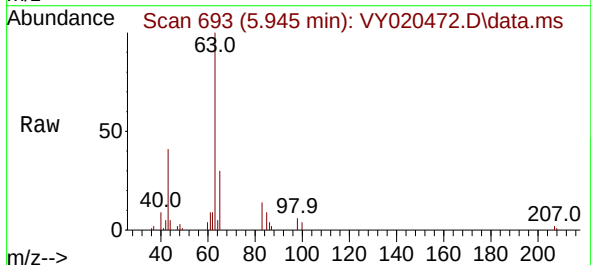
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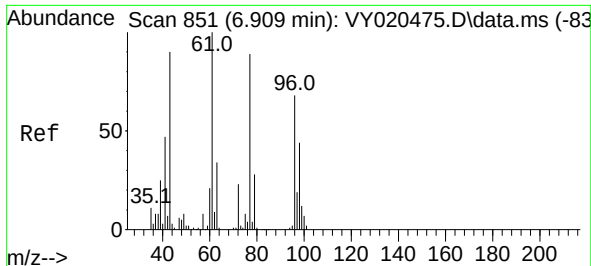
Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#24
 1,1-Dichloroethane
 Concen: 5.480 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.024 min
 Lab File: VY020472.D
 Acq: 02 Dec 2024 09:16

Tgt Ion: 63 Resp: 21720
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.0 2.0 5.8





#25

2-Butanone

Concen: 26.703 ug/l

RT: 6.915 min Scan# 851

Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 1524

Ion Ratio Lower Upper

43 100

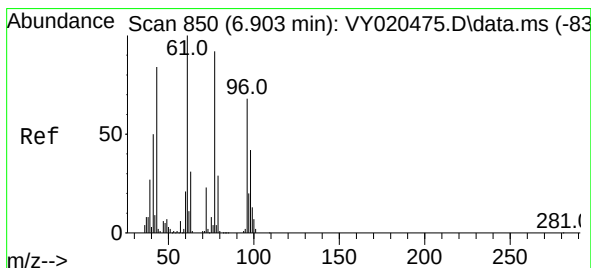
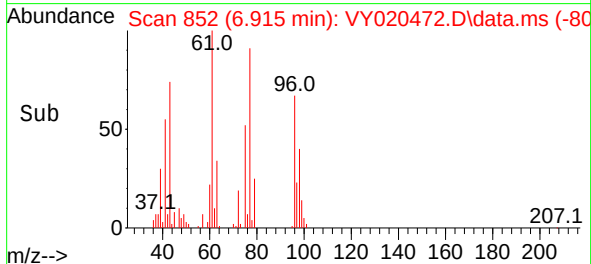
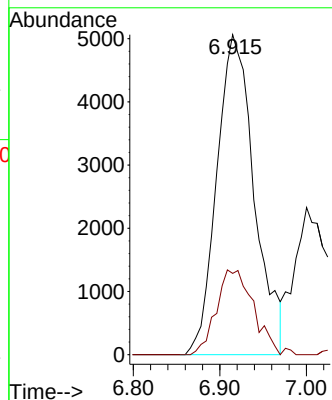
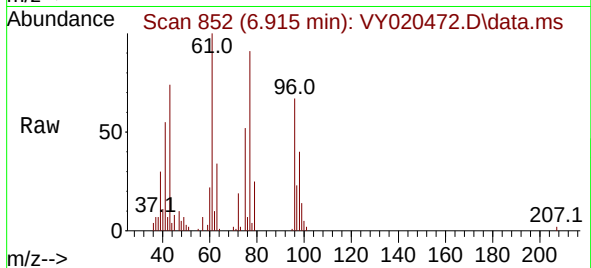
72 25.4 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#26

2,2-Dichloropropane

Concen: 5.559 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY020472.D

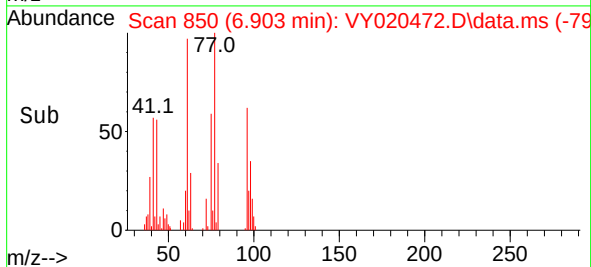
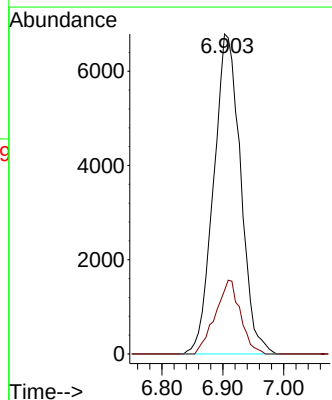
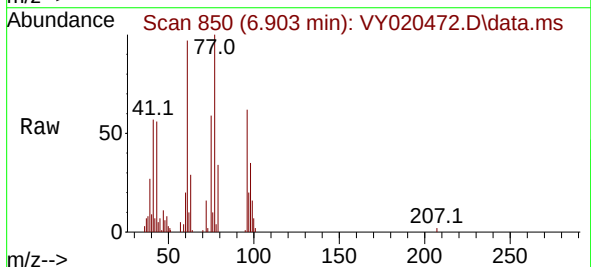
Acq: 02 Dec 2024 09:16

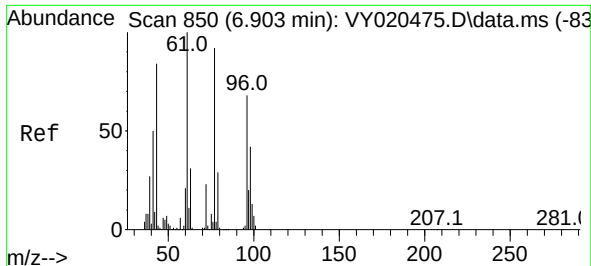
Tgt Ion: 77 Resp: 20839

Ion Ratio Lower Upper

77 100

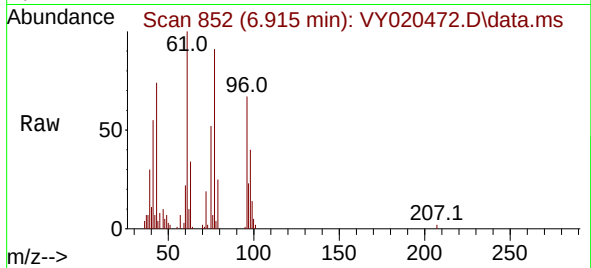
97 21.4 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 5.370 ug/l
 RT: 6.915 min Scan# 850
 Delta R.T. 0.018 min
 Lab File: VY020472.D
 Acq: 02 Dec 2024 09:16

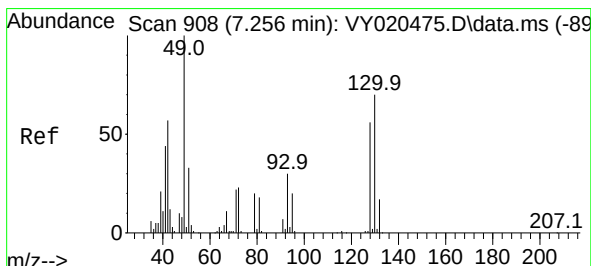
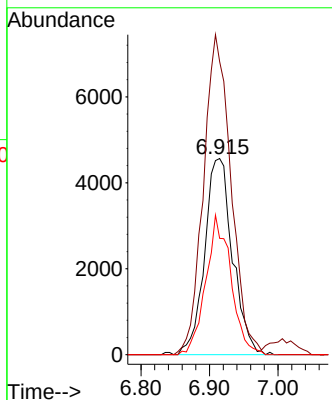
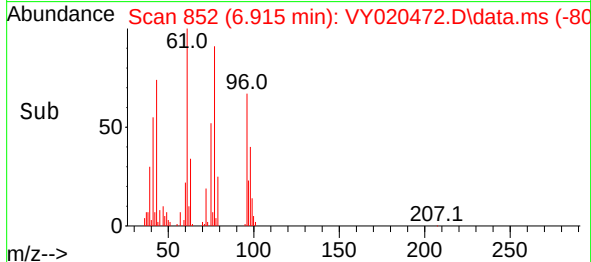
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005



Tgt Ion: 96 Resp: 12929
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 312.4
 98 63.9 0.0 126.8

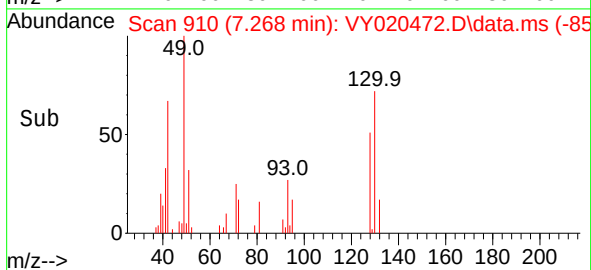
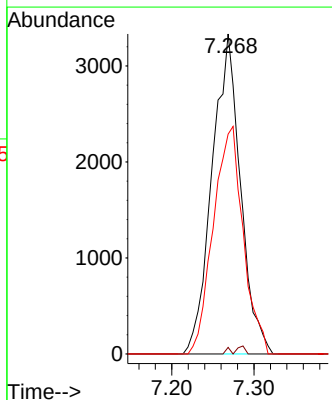
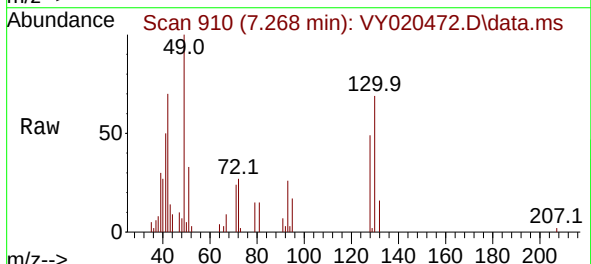
Manual Integrations
 APPROVED

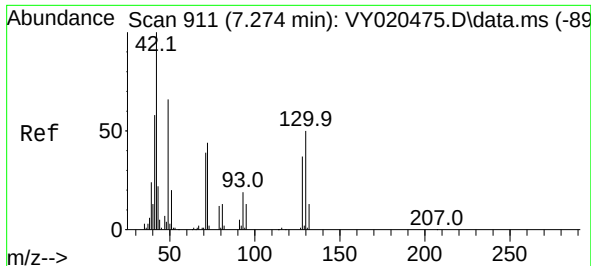
Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#28
 Bromochloromethane
 Concen: 5.406 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.024 min
 Lab File: VY020472.D
 Acq: 02 Dec 2024 09:16

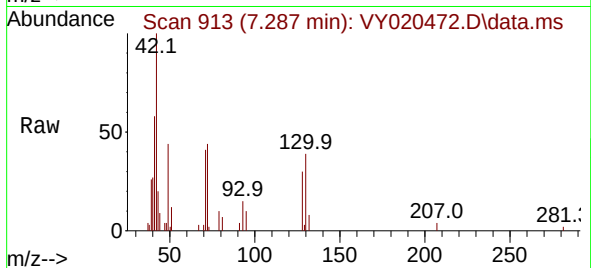
Tgt Ion: 49 Resp: 8001
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 74.8 55.0 82.6





#29
Tetrahydrofuran
Concen: 28.119 ug/l
RT: 7.287 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

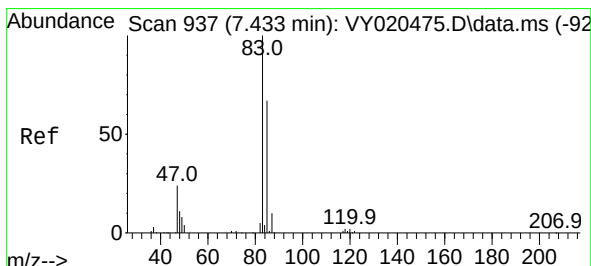
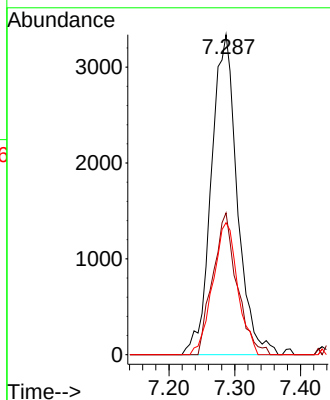
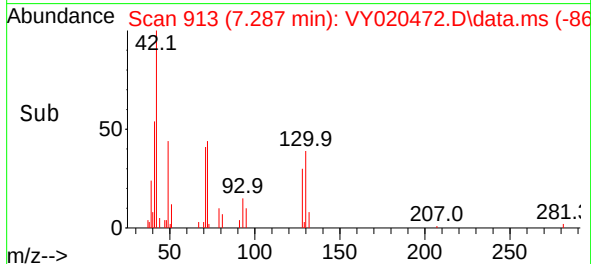
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



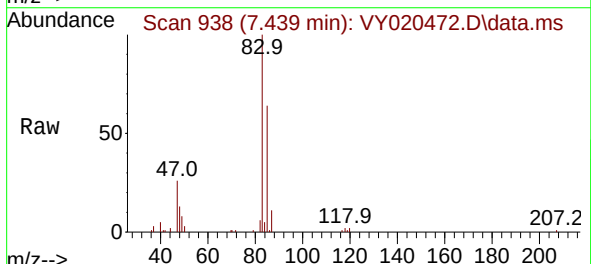
Tgt Ion: 42 Resp: 9160
Ion Ratio Lower Upper
42 100
72 41.3 33.4 50.0
71 39.6 31.9 47.9

Manual Integrations
APPROVED

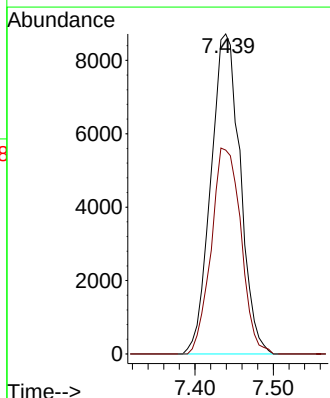
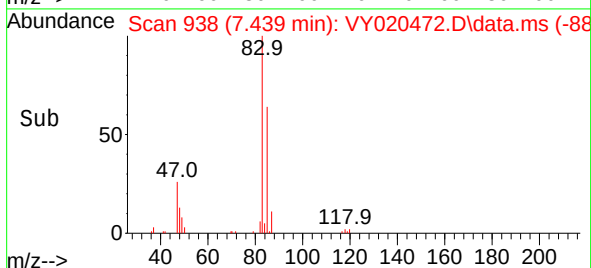
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

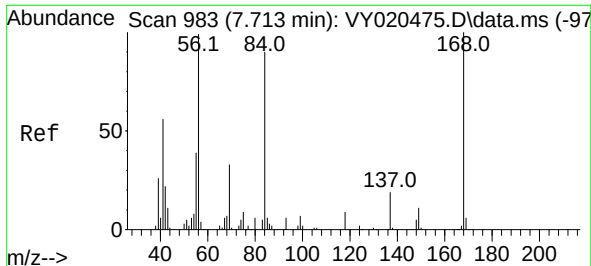


#30
Chloroform
Concen: 5.572 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16



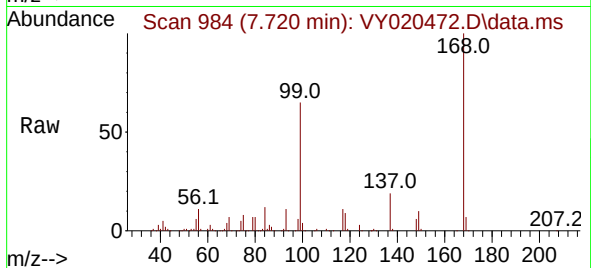
Tgt Ion: 83 Resp: 22668
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5





#31
Cyclohexane
Concen: 5.850 ug/l
RT: 7.720 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

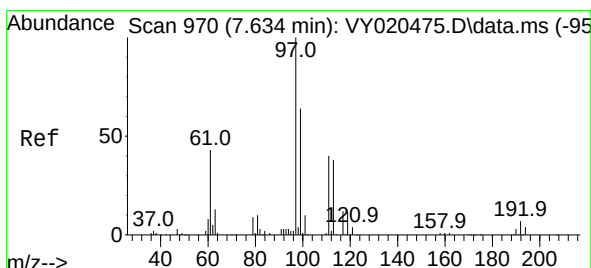
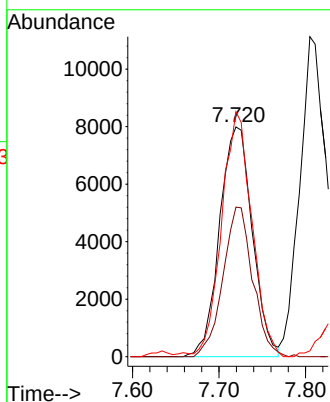
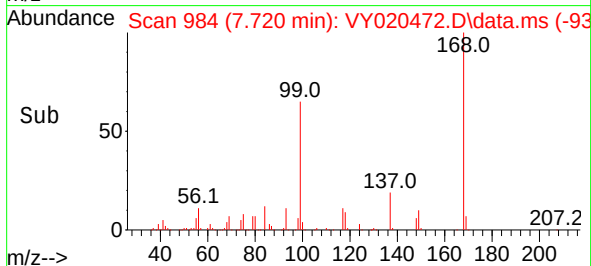
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 20962
Ion Ratio Lower Upper
56 100
69 65.1 25.3 37.9
84 105.4 66.9 100.3

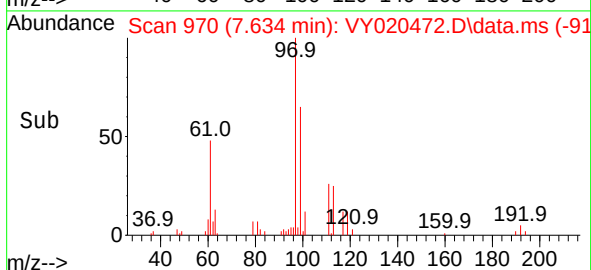
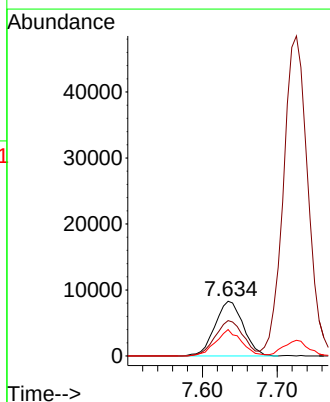
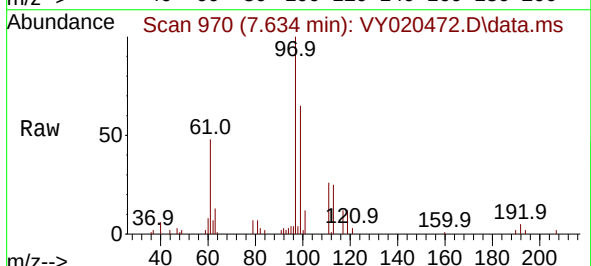
Manual Integrations
APPROVED

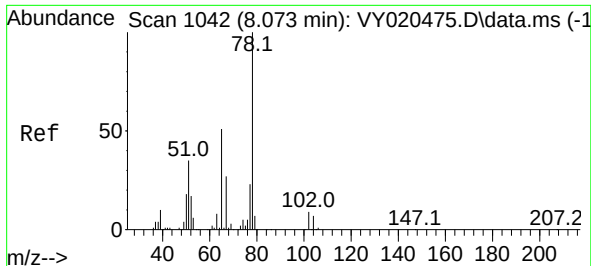
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#32
1,1,1-Trichloroethane
Concen: 5.555 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 97 Resp: 21761
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 44.3 37.1 55.7





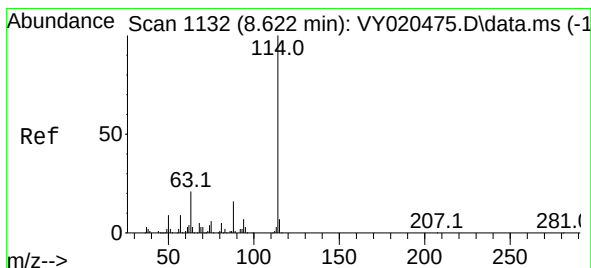
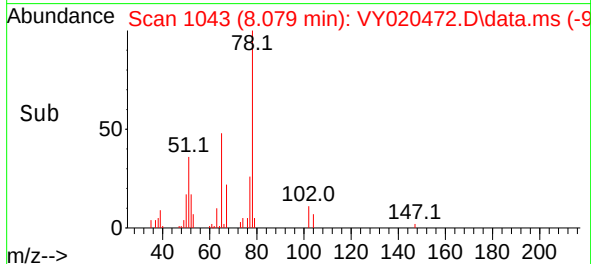
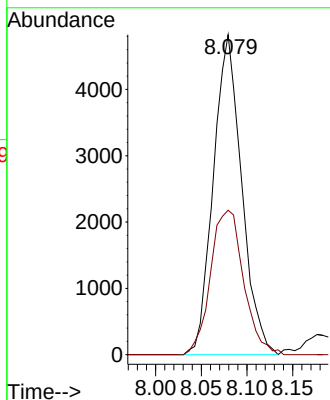
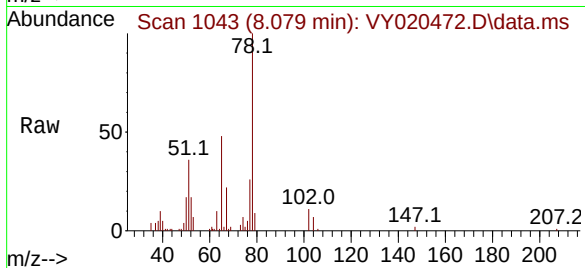
#33
1,2-Dichloroethane-d4
Concen: 5.718 ug/l
RT: 8.079 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 10399
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

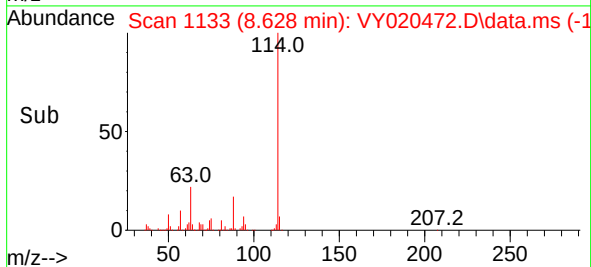
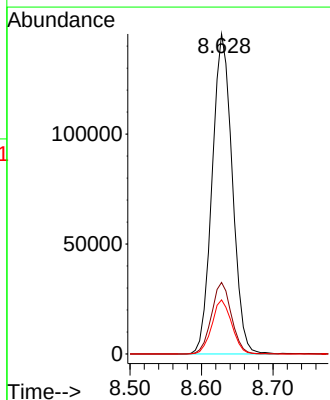
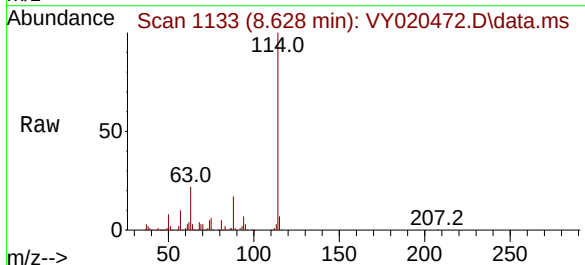
Manual Integrations
APPROVED

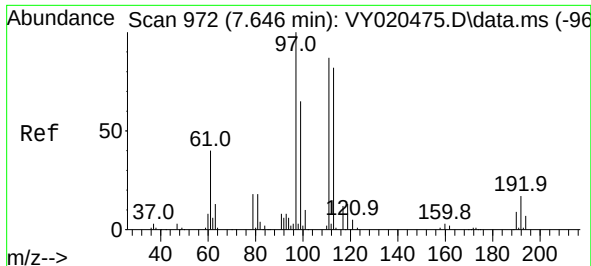
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

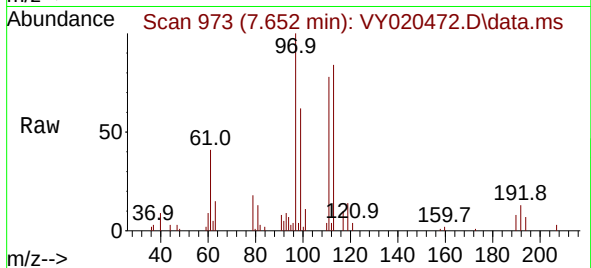
Tgt Ion:114 Resp: 284363
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.8
88 16.9 0.0 32.0





#35
Dibromofluoromethane
Concen: 5.594 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

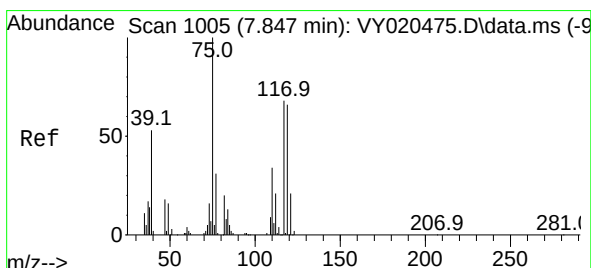
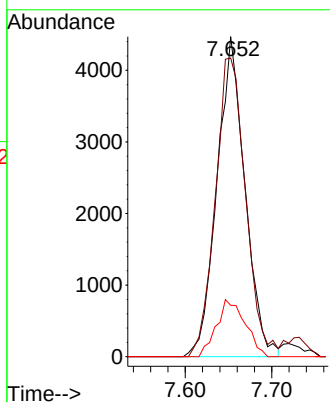
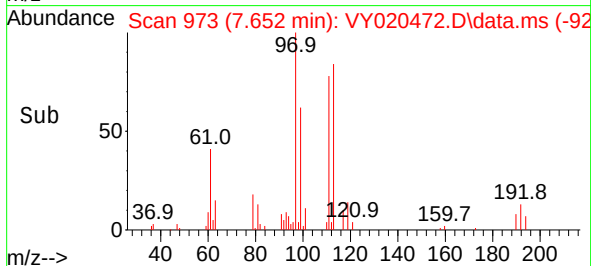
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



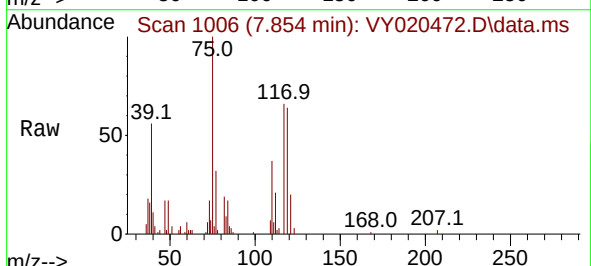
Tgt Ion: 113 Resp: 10015
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 18.3 15.1 22.7

Manual Integrations
APPROVED

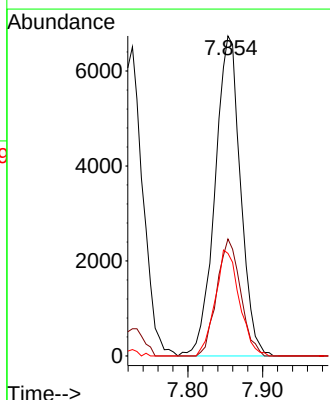
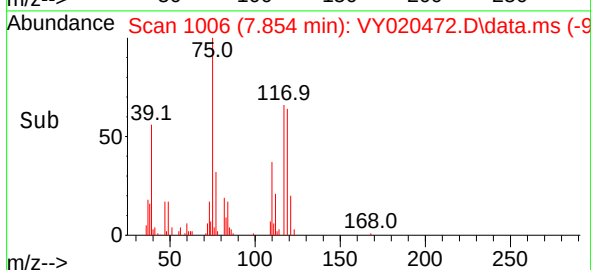
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

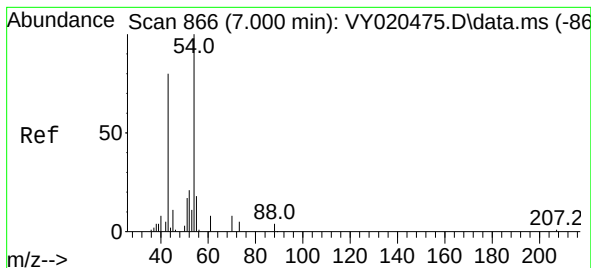


#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16



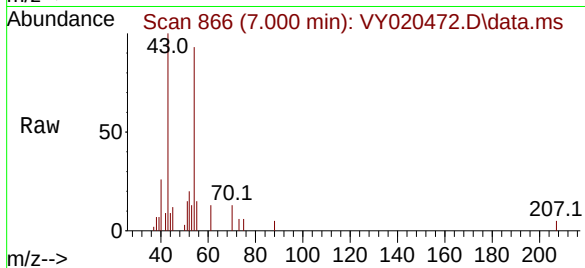
Tgt Ion: 75 Resp: 16015
Ion Ratio Lower Upper
75 100
110 34.1 16.7 50.0
77 31.4 24.6 36.8





#37
Ethyl Acetate
Concen: 5.856 ug/l
RT: 7.000 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

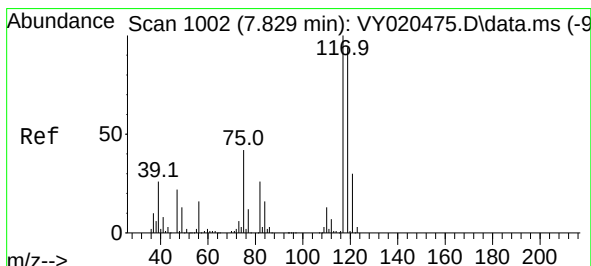
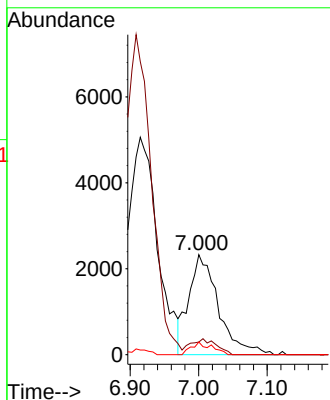
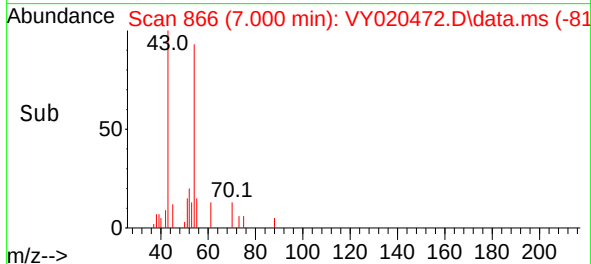
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 7014
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 8.6 7.3 10.9

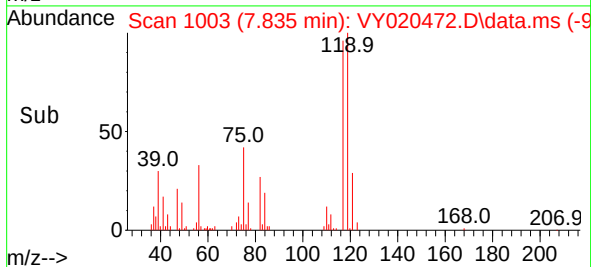
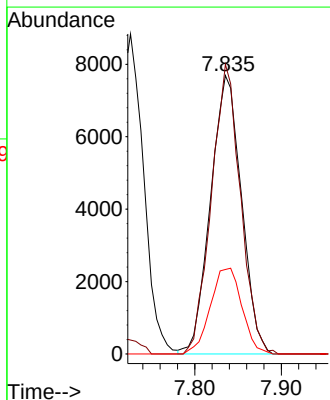
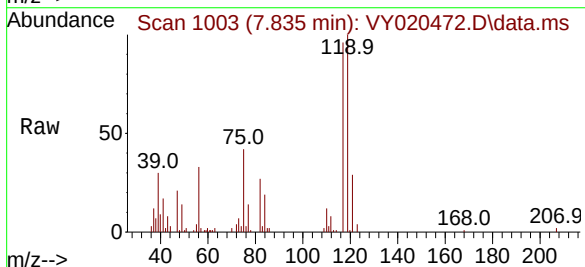
Manual Integrations
APPROVED

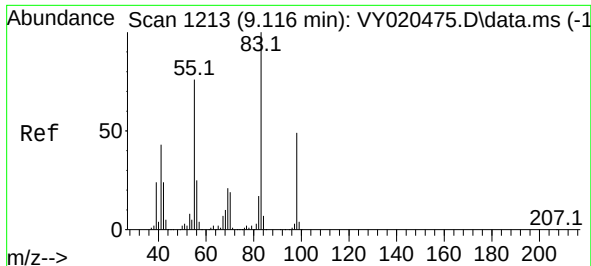
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#38
Carbon Tetrachloride
Concen: 5.282 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

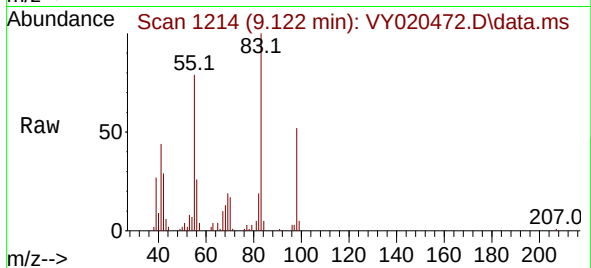
Tgt Ion:117 Resp: 19058
Ion Ratio Lower Upper
117 100
119 104.0 77.8 116.6
121 30.4 24.6 37.0





#39
Methylcyclohexane
Concen: 5.071 ug/l
RT: 9.122 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

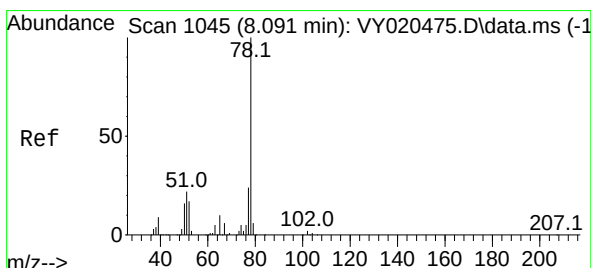
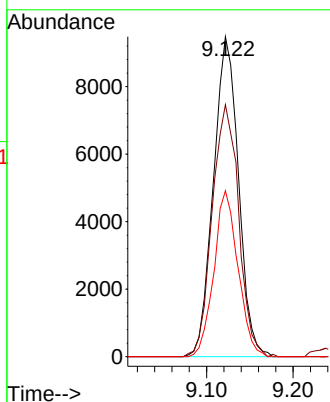
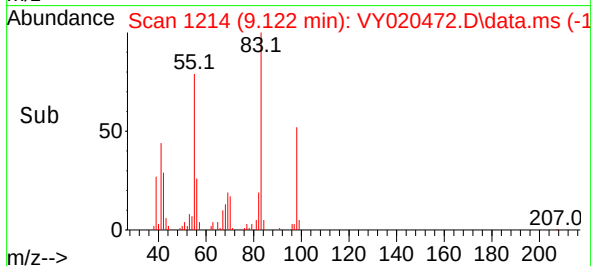
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 1902
Ion Ratio Lower Upper
83 100
55 78.8 62.6 93.8
98 51.9 37.0 55.4

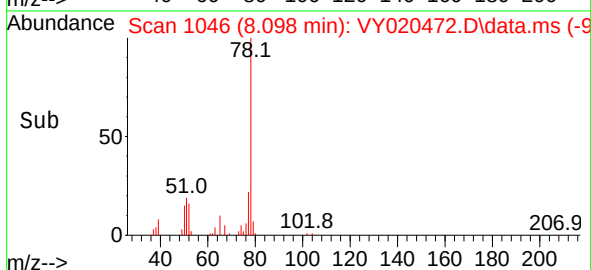
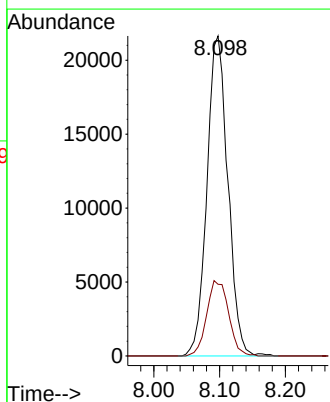
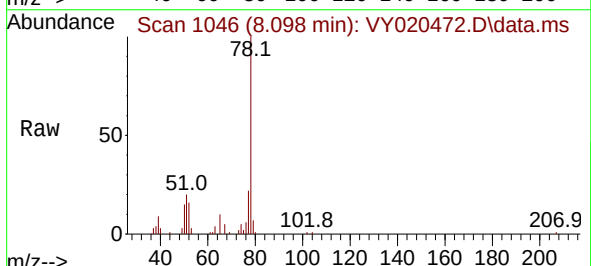
Manual Integrations
APPROVED

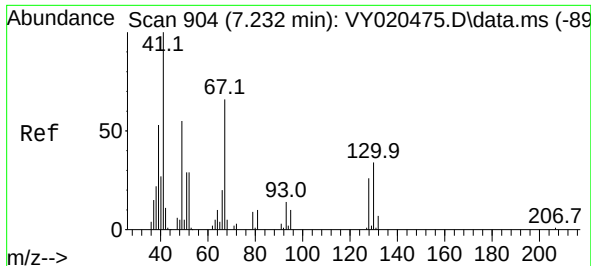
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#40
Benzene
Concen: 5.382 ug/l
RT: 8.098 min Scan# 1046
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

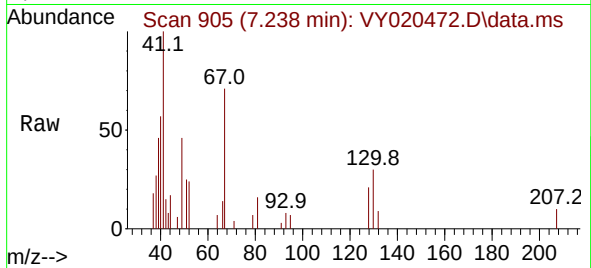
Tgt Ion: 78 Resp: 47972
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0





#41
Methacrylonitrile
Concen: 2.898 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

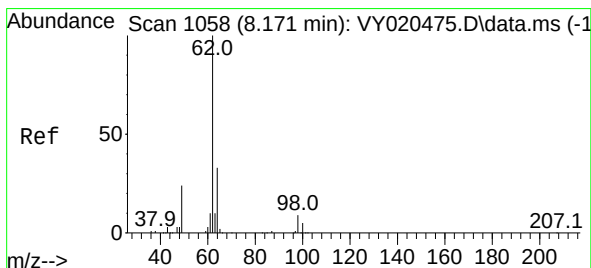
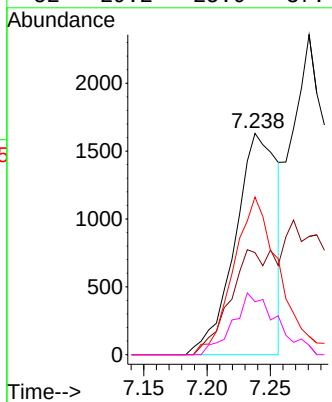
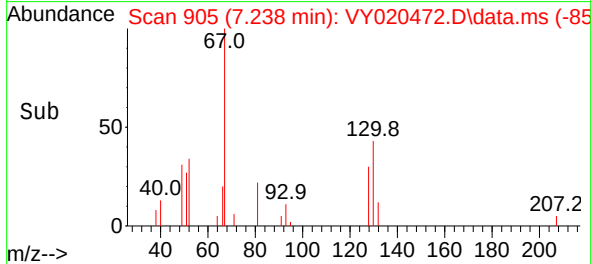
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 376
Ion Ratio Lower Upper
41 100
39 37.9 49.0 73.4
67 77.8 57.1 85.7
52 29.2 25.0 37.4

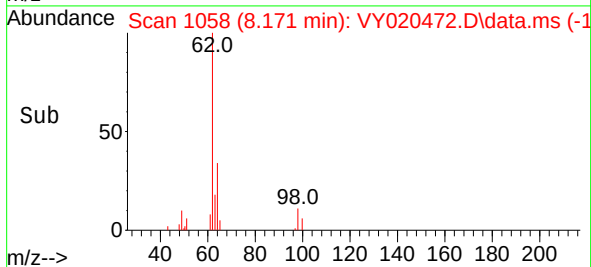
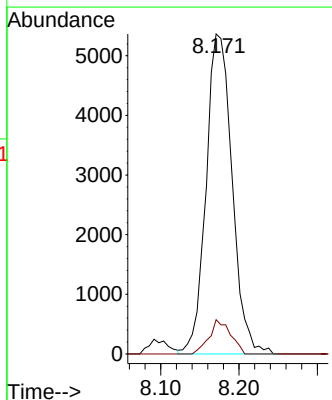
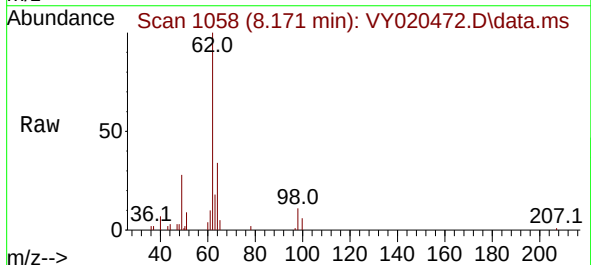
Manual Integrations
APPROVED

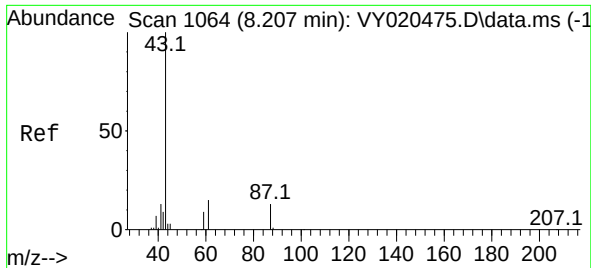
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#42
1,2-Dichloroethane
Concen: 5.297 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

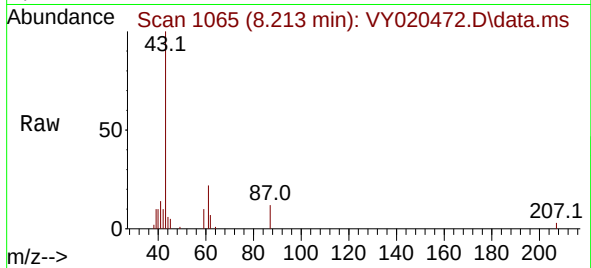
Tgt Ion: 62 Resp: 12405
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 5.214 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

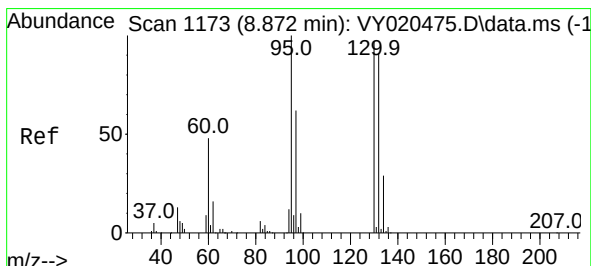
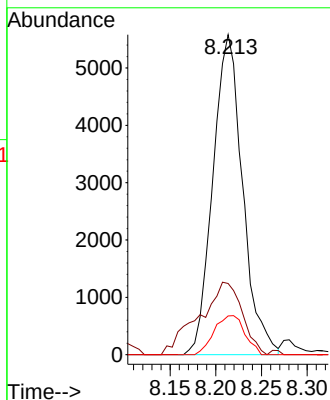
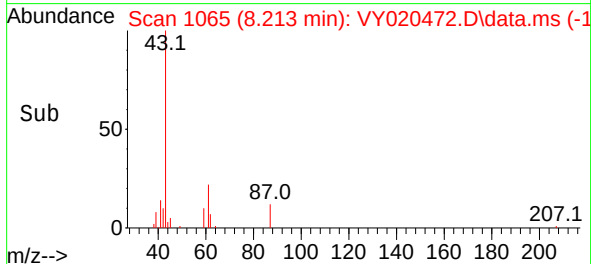
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 12609
Ion Ratio Lower Upper
43 100
61 32.9 22.8 34.2
87 12.6 9.6 14.4

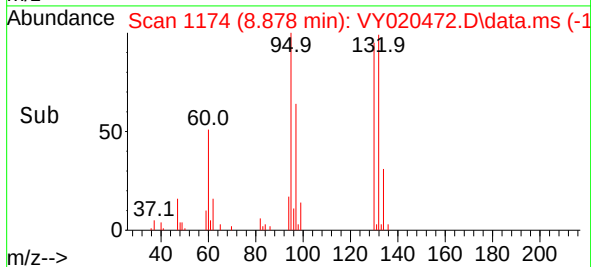
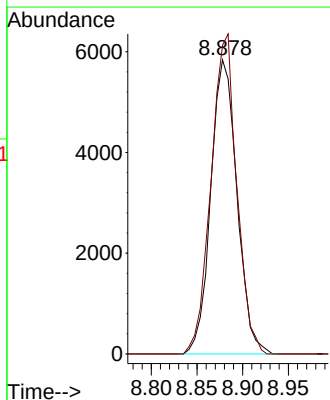
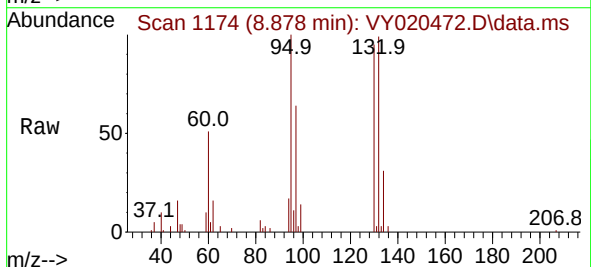
Manual Integrations
APPROVED

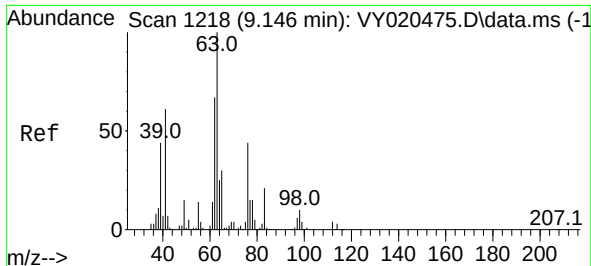
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#44
Trichloroethene
Concen: 5.299 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion:130 Resp: 11643
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.8





#45
1,2-Dichloropropane
Concen: 5.646 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

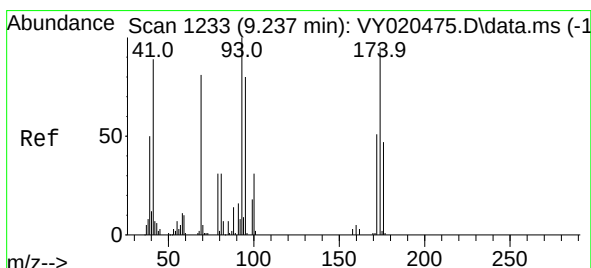
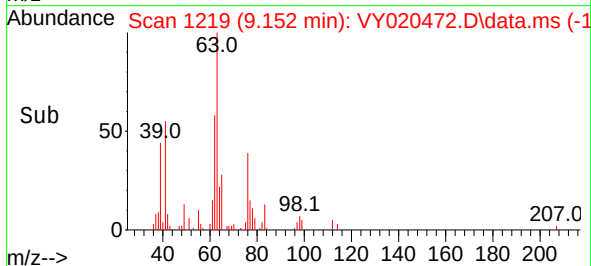
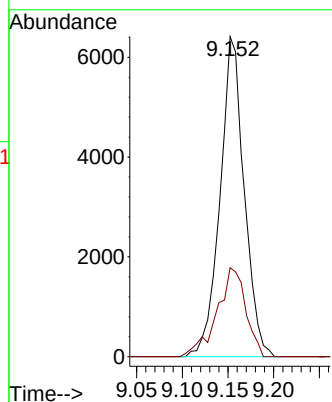
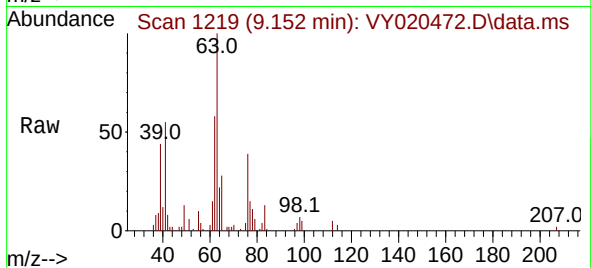
VSTDIC005

Tgt Ion: 63 Resp: 11770
Ion Ratio Lower Upper
63 100
65 27.8 24.2 36.4

Manual Integrations

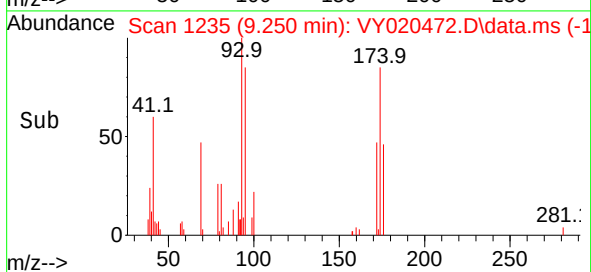
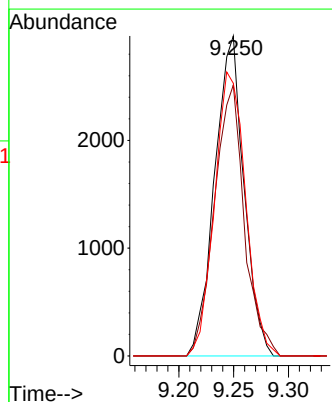
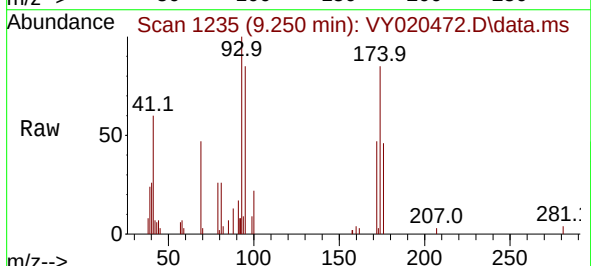
APPROVED

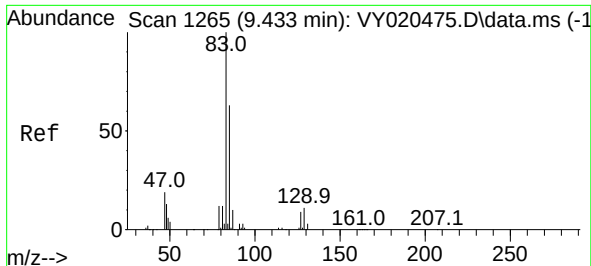
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#46
Dibromomethane
Concen: 5.340 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 93 Resp: 5515
Ion Ratio Lower Upper
93 100
95 86.2 65.3 97.9
174 94.1 74.4 111.6





#47

Bromodichloromethane

Concen: 5.495 ug/l

RT: 9.439 min Scan# 1265

Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

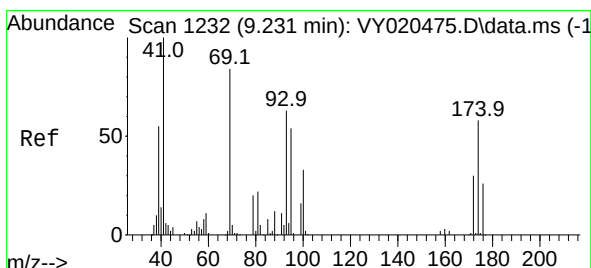
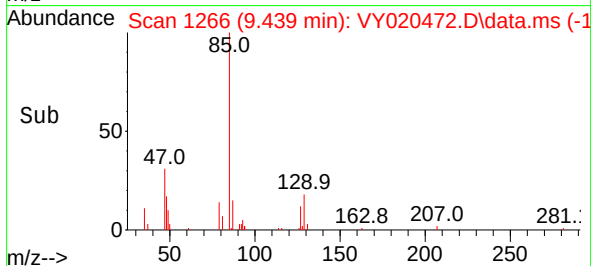
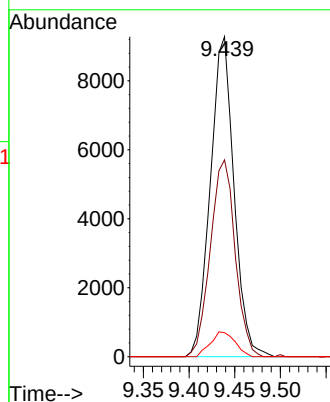
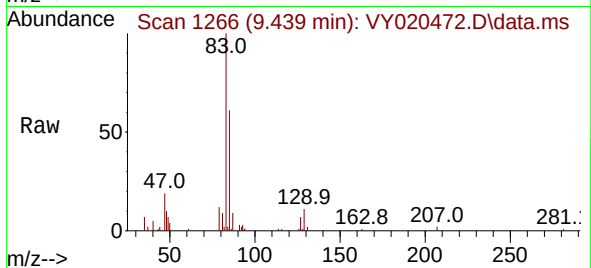
VSTDICC005

Tgt Ion: 83	Resp: 16718
Ion Ratio	Lower Upper
83 100	
85 61.5	51.4 77.2
127 7.5	6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#48

Methyl methacrylate

Concen: 4.928 ug/l

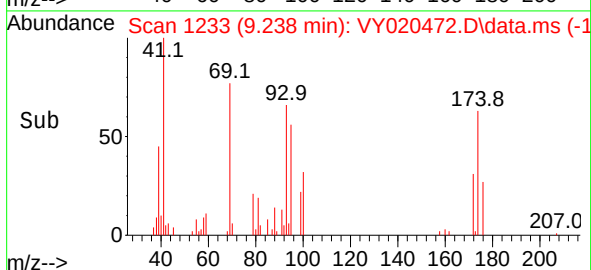
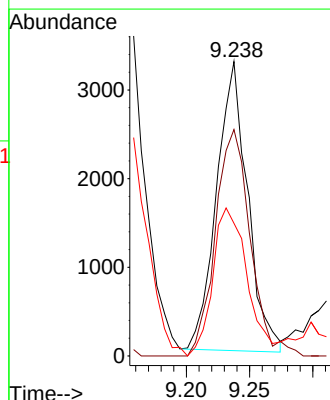
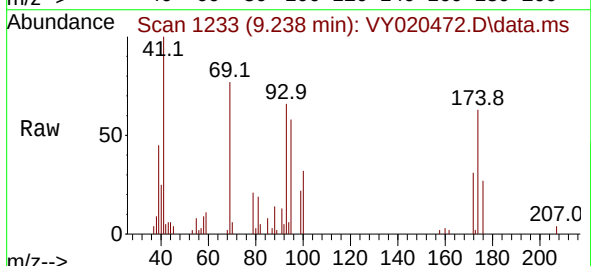
RT: 9.238 min Scan# 1233

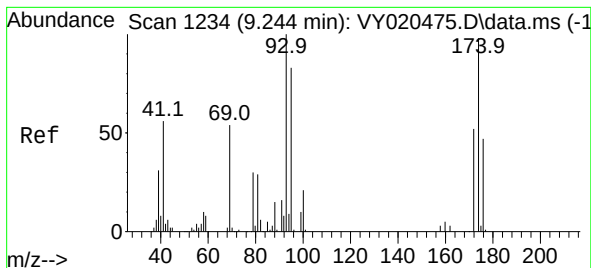
Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Tgt Ion: 41	Resp: 5558
Ion Ratio	Lower Upper
41 100	
69 88.0	66.1 99.1
39 57.4	46.0 69.0





#49

1,4-Dioxane

Concen: 120.246 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020472.D

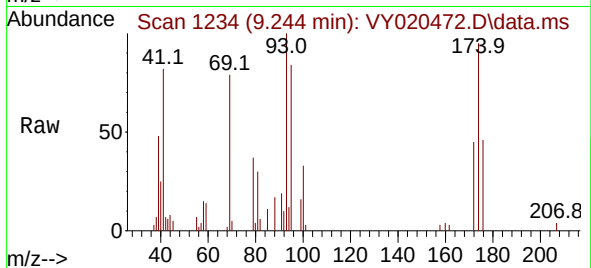
Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005



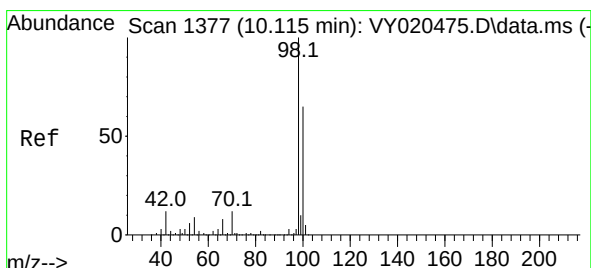
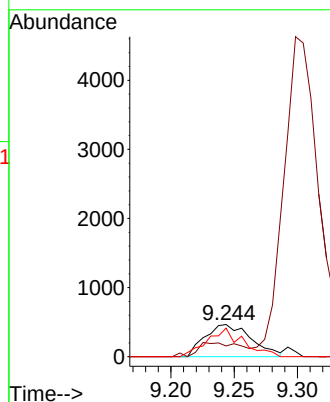
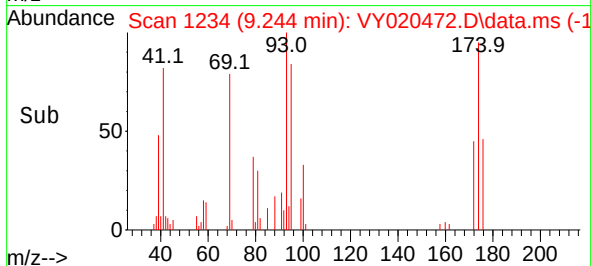
Tgt Ion:	88	Resp:	118
Ion Ratio	Lower	Upper	
88	100		
43	40.8	24.6	37.0
58	68.9	59.6	89.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#50

Toluene-d8

Concen: 5.485 ug/l

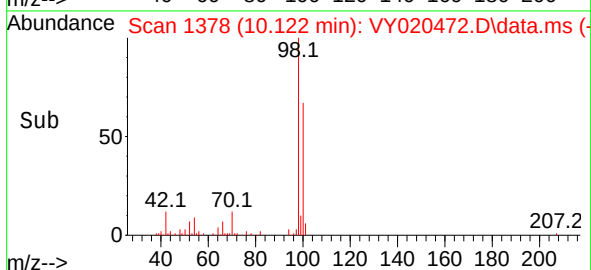
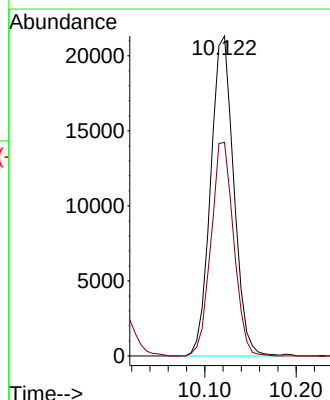
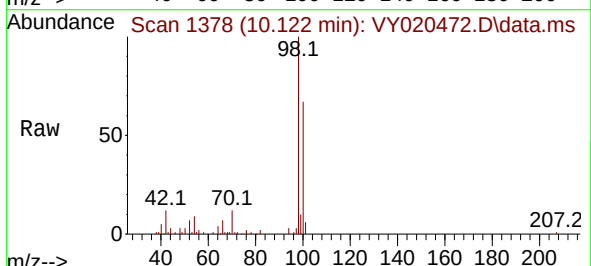
RT: 10.122 min Scan# 1378

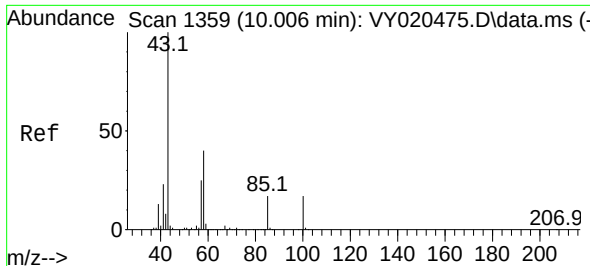
Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Tgt Ion:	98	Resp:	37392
Ion Ratio	Lower	Upper	
98	100		
100	65.7	51.3	76.9





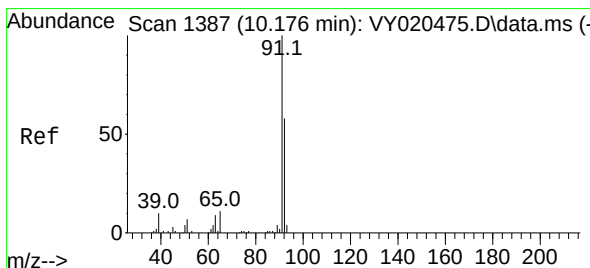
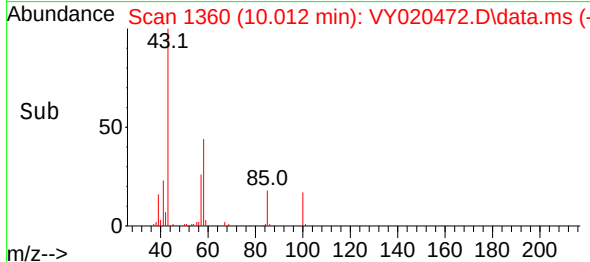
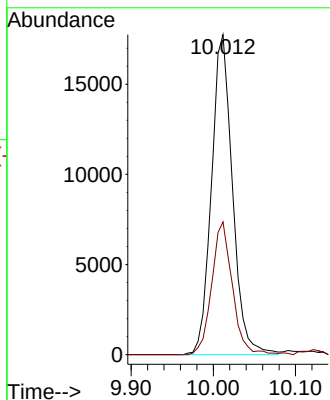
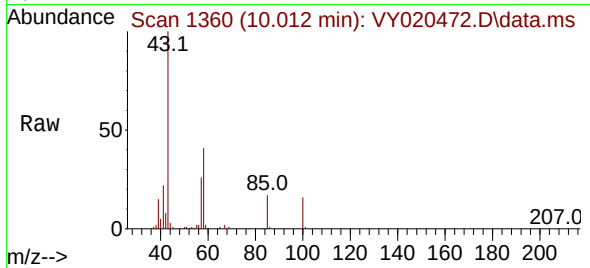
#51
4-Methyl-2-Pentanone
Concen: 26.432 ug/l
RT: 10.012 min Scan# 1359
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 31570
Ion Ratio Lower Upper
43 100
58 40.9 30.9 46.3

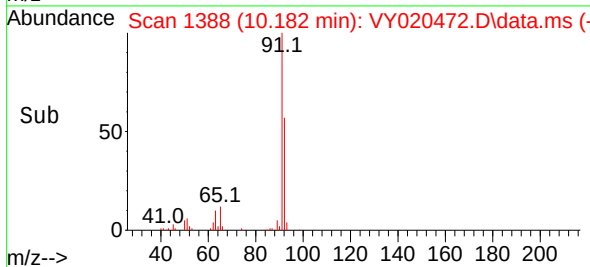
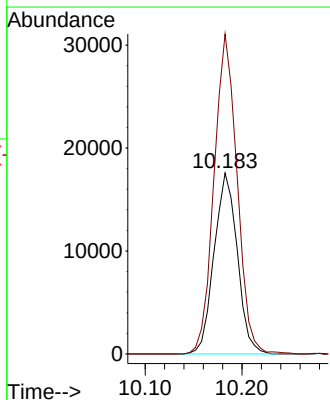
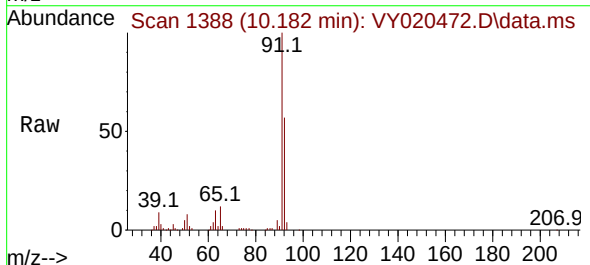
Manual Integrations
APPROVED

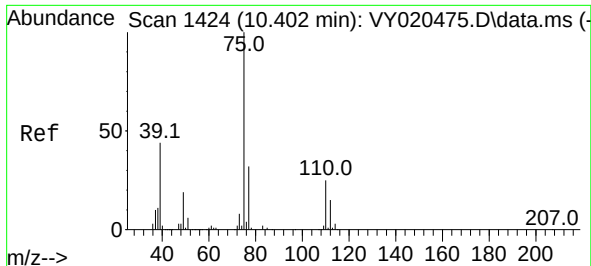
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#52
Toluene
Concen: 5.252 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

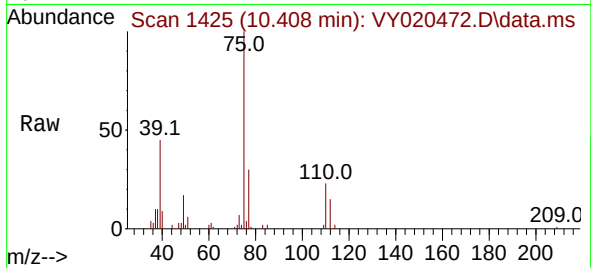
Tgt Ion: 92 Resp: 29207
Ion Ratio Lower Upper
92 100
91 176.1 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 5.239 ug/l
RT: 10.408 min Scan# 1424
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

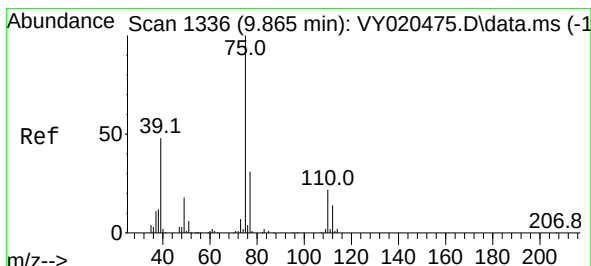
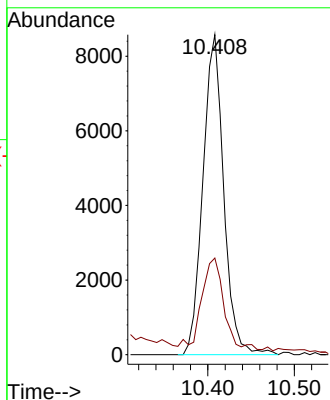
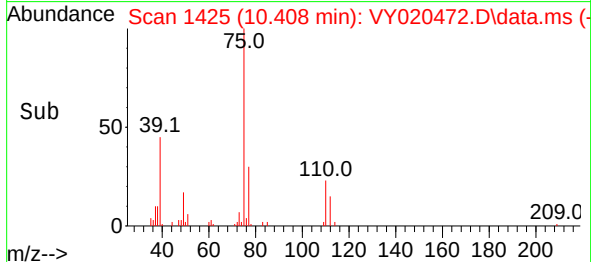
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1431
Ion Ratio Lower Upper
75 100
77 28.2 25.2 37.8

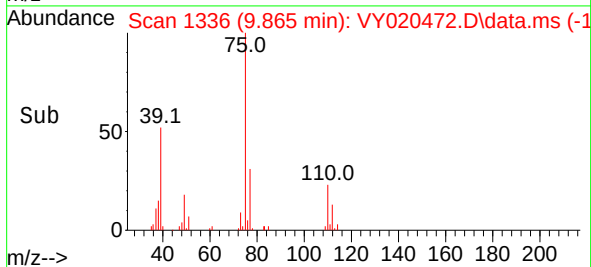
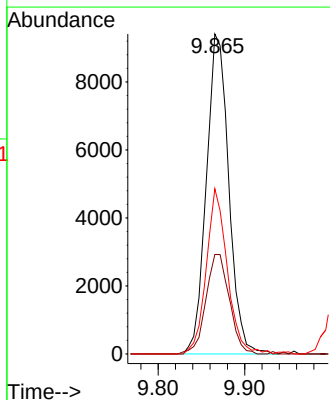
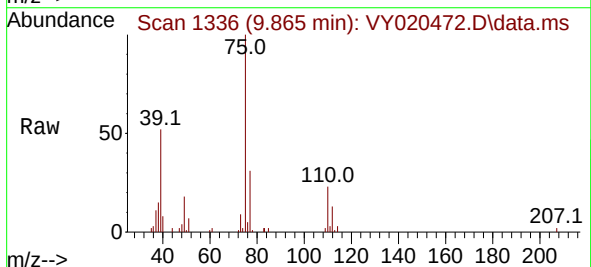
Manual Integrations
APPROVED

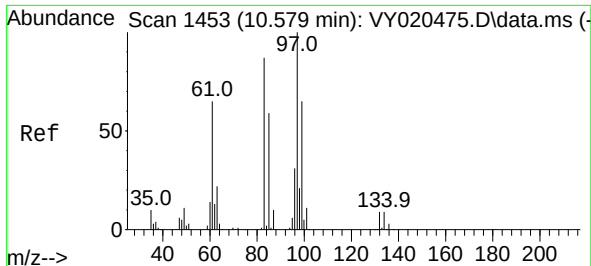
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#54
cis-1,3-Dichloropropene
Concen: 5.243 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 75 Resp: 16925
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 51.6 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 5.318 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.006 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

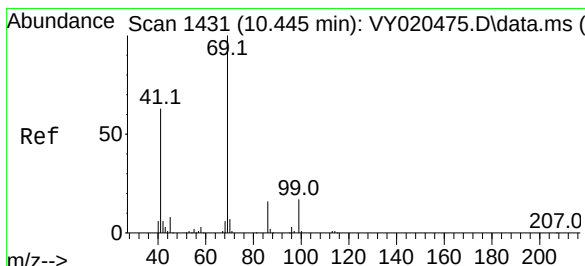
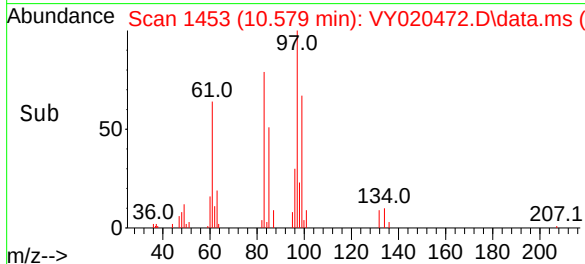
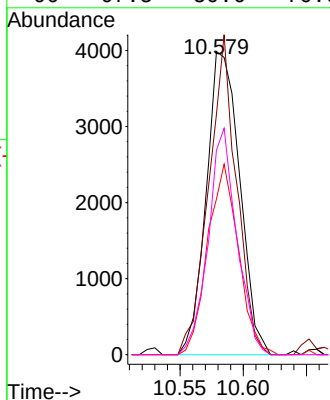
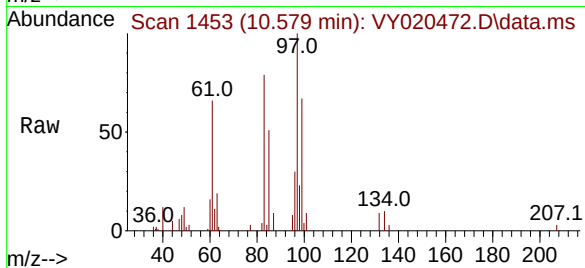
VSTDICC005

Tgt Ion:	97	Resp:	7320
Ion	Ratio	Lower	Upper
97	100		
83	79.3	70.8	106.2
85	51.3	44.9	67.3
99	67.5	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#56

Ethyl methacrylate

Concen: 4.907 ug/l

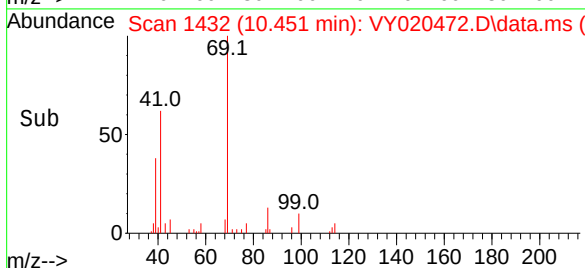
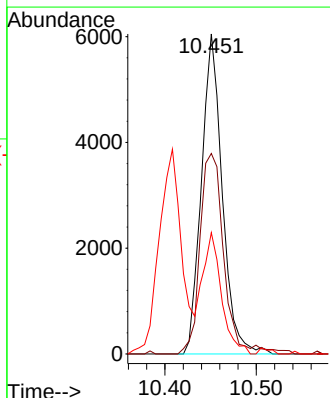
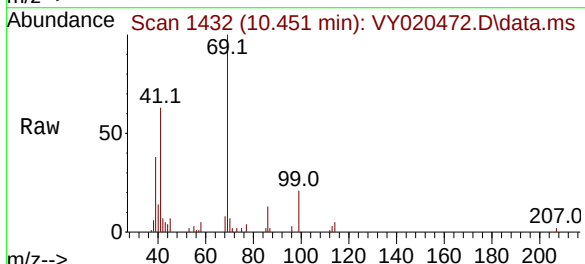
RT: 10.451 min Scan# 1432

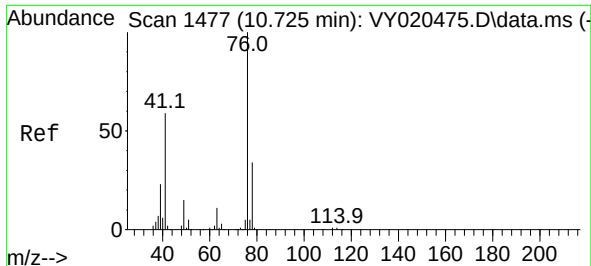
Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Tgt Ion:	69	Resp:	9564
Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.1	84.1
39	34.7	29.7	44.5





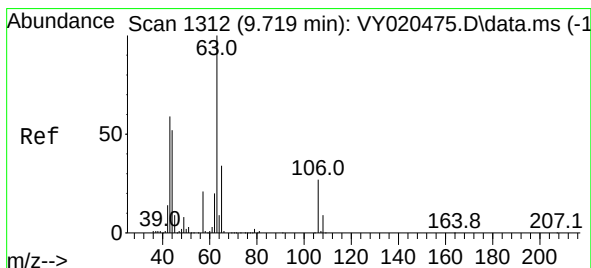
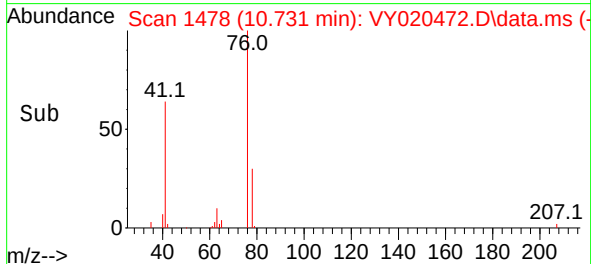
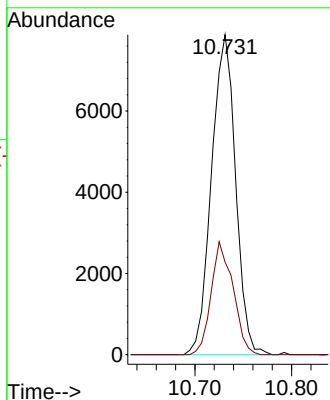
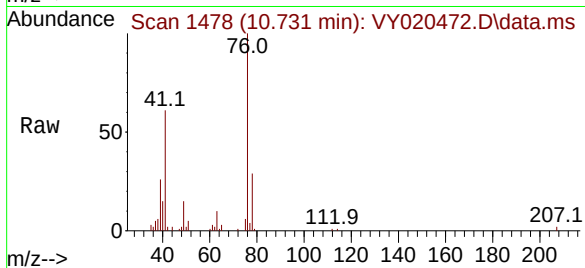
#57
1,3-Dichloropropane
Concen: 5.520 ug/l
RT: 10.731 min Scan# 1477
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 13618
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

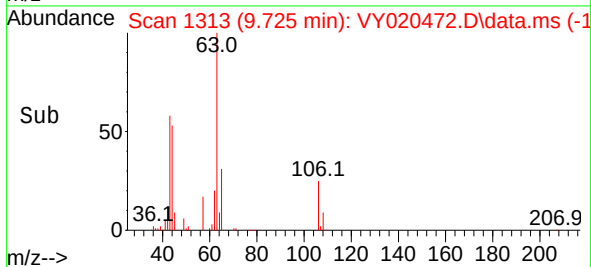
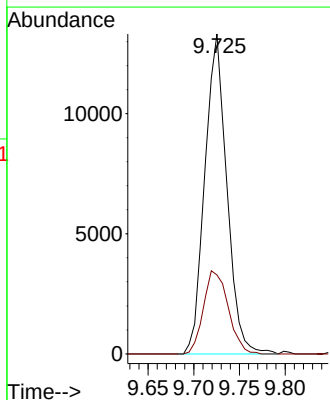
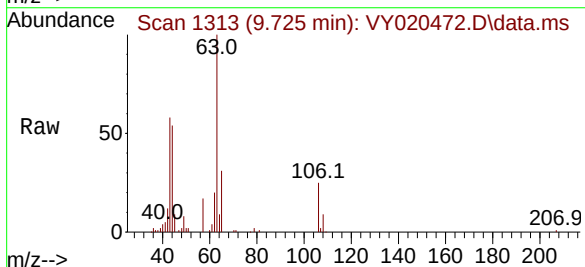
Manual Integrations
APPROVED

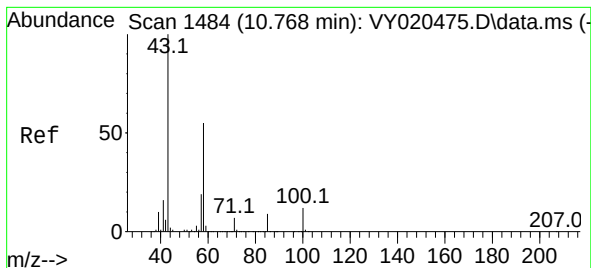
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 24.421 ug/l
RT: 9.725 min Scan# 1313
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

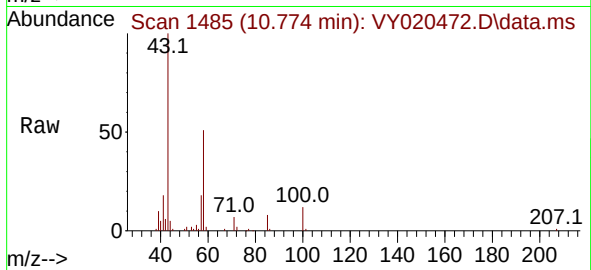
Tgt Ion: 63 Resp: 22288
Ion Ratio Lower Upper
63 100
106 29.2 21.0 31.4





#59
2-Hexanone
Concen: 25.477 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

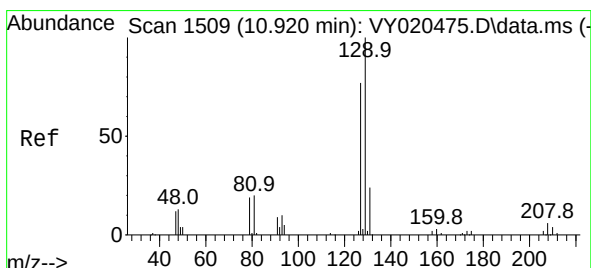
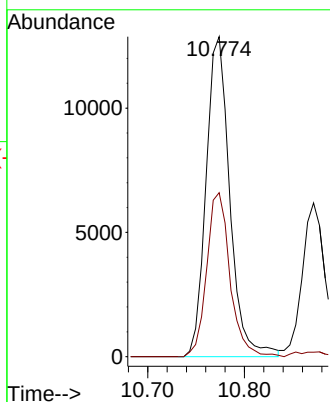
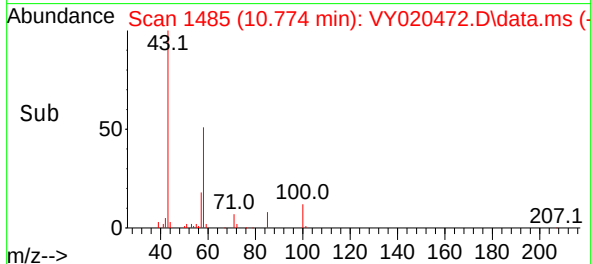
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 21952
Ion Ratio Lower Upper
43 100
58 50.3 26.4 79.2

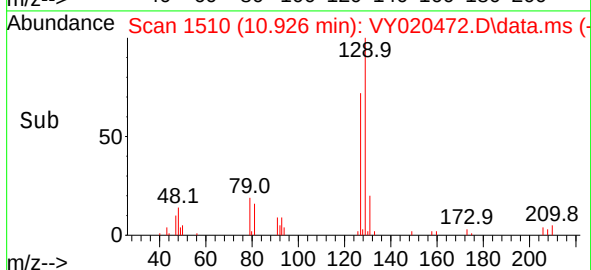
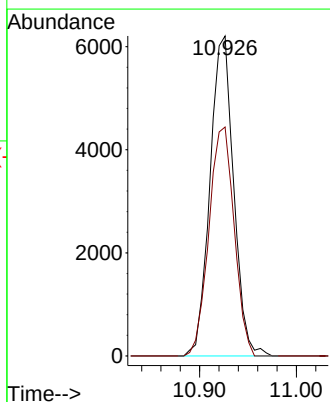
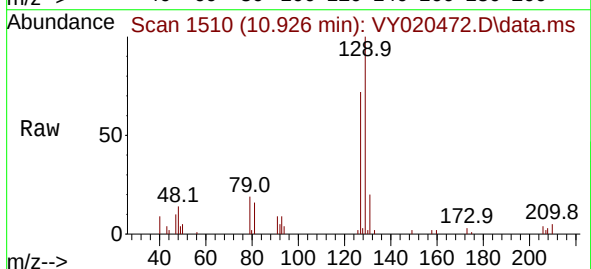
Manual Integrations
APPROVED

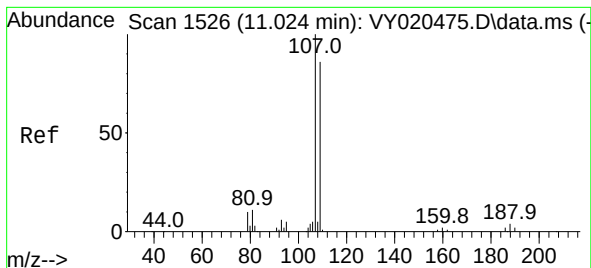
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#60
Dibromochloromethane
Concen: 5.494 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion:129 Resp: 10538
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 5.529 ug/l

RT: 11.024 min Scan# 1526

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:107 Resp: 696

Ion Ratio Lower Upper

107 100

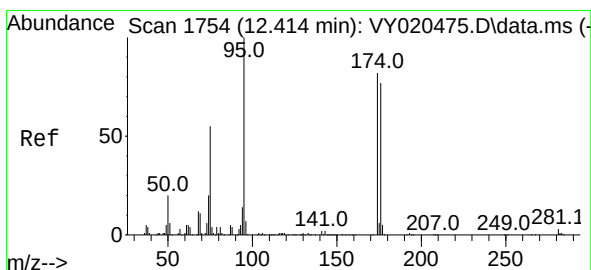
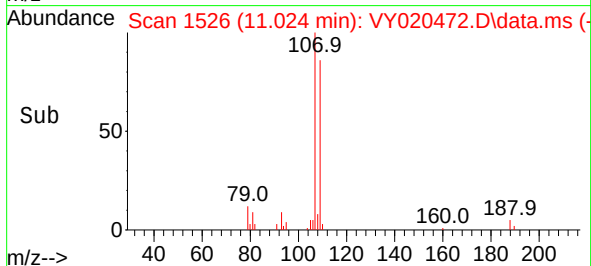
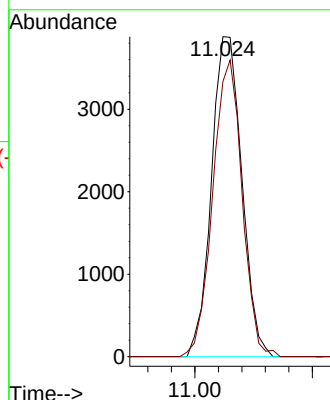
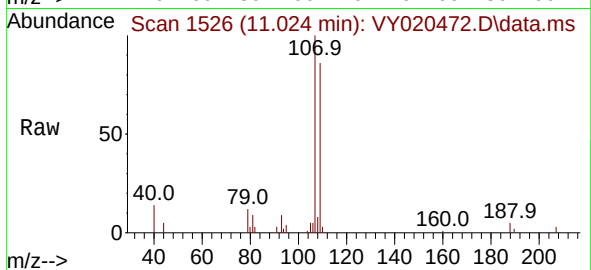
109 89.3 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#62

4-Bromofluorobenzene

Concen: 6.006 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

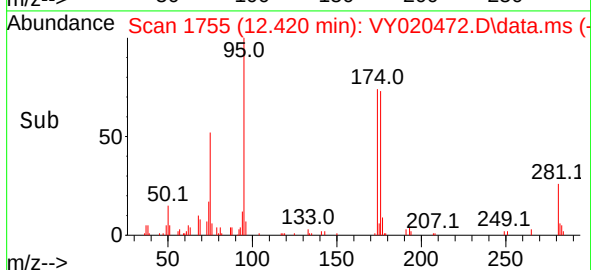
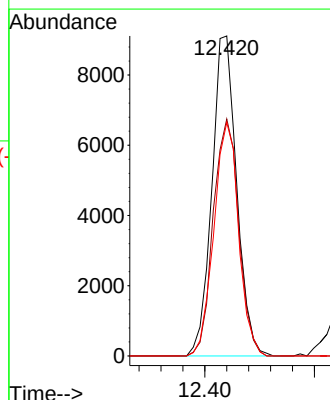
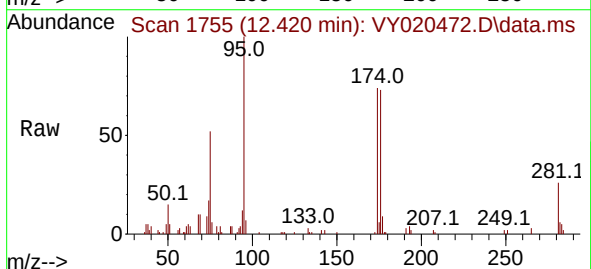
Tgt Ion: 95 Resp: 14320

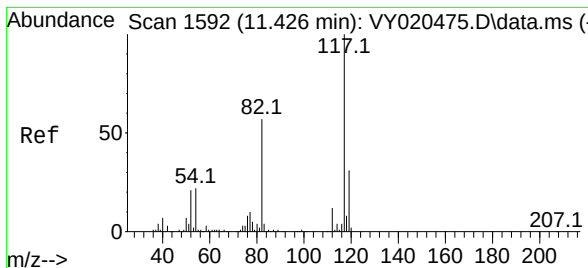
Ion Ratio Lower Upper

95 100

174 76.0 0.0 156.8

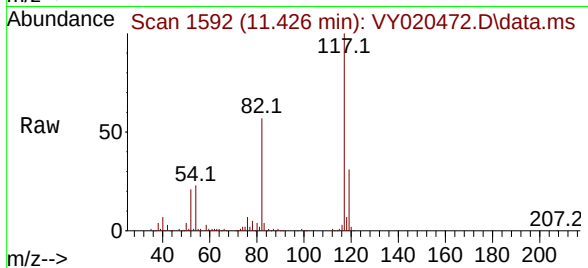
176 72.8 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

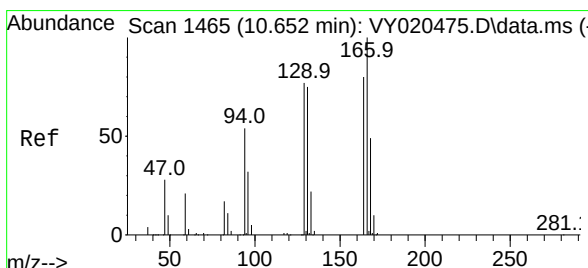
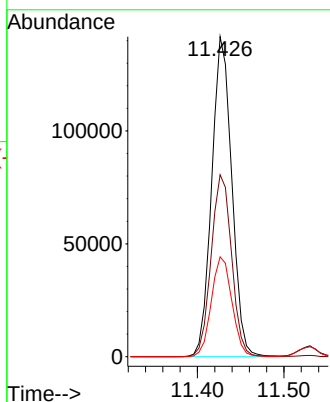
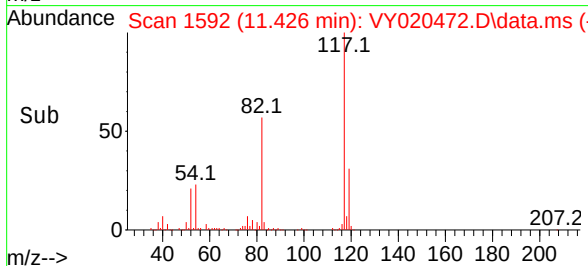
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



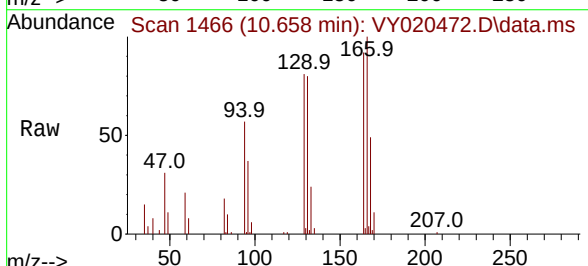
Tgt Ion:117 Resp: 22827
Ion Ratio Lower Upper
117 100
82 56.8 48.2 72.4
119 31.2 25.8 38.8

Manual Integrations
APPROVED

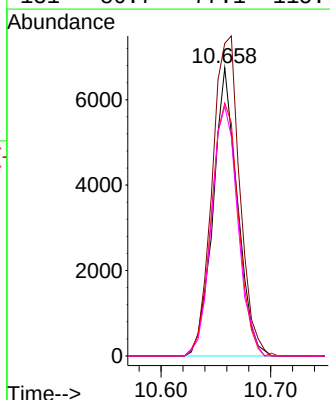
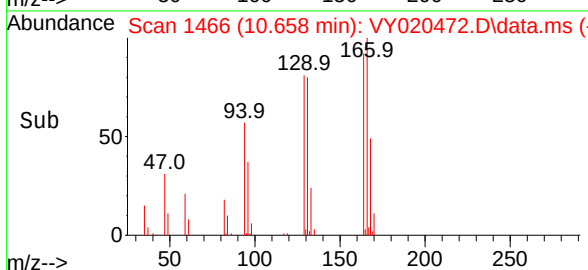
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

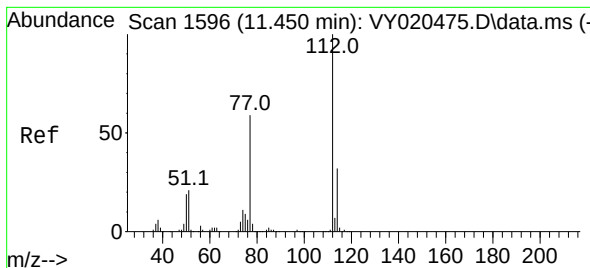


#64
Tetrachloroethene
Concen: 5.397 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16



Tgt Ion:164 Resp: 10411
Ion Ratio Lower Upper
164 100
166 108.5 103.8 155.8
129 87.7 79.0 118.4
131 86.7 77.1 115.7





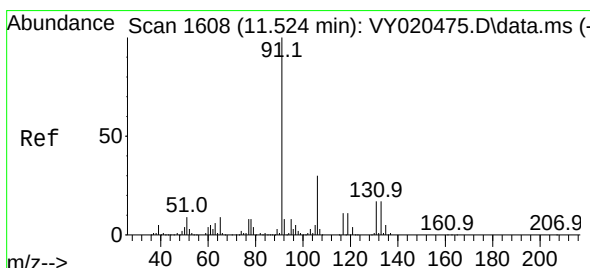
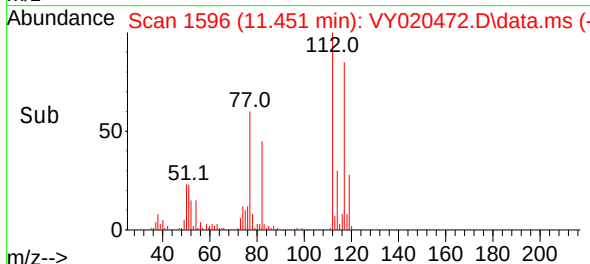
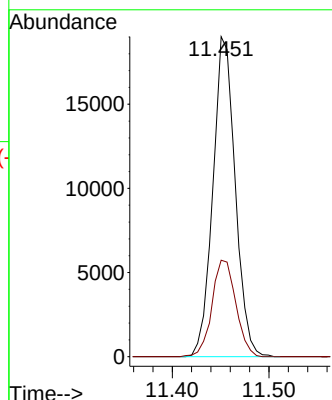
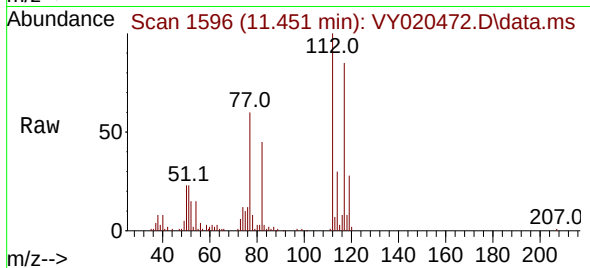
#65
Chlorobenzene
Concen: 5.331 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 3050
Ion Ratio Lower Upper
112 100
114 30.1 25.7 38.5

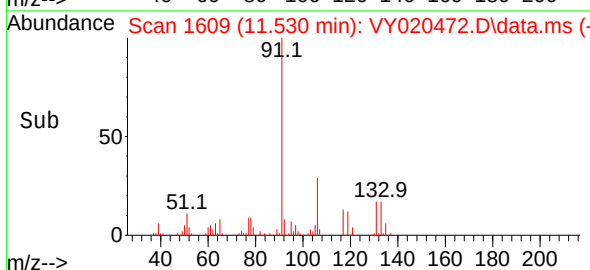
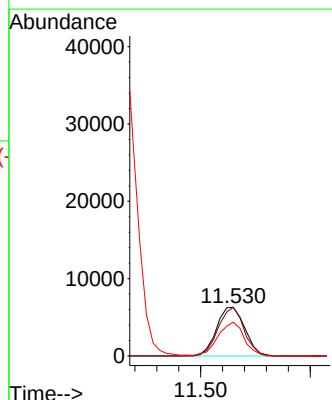
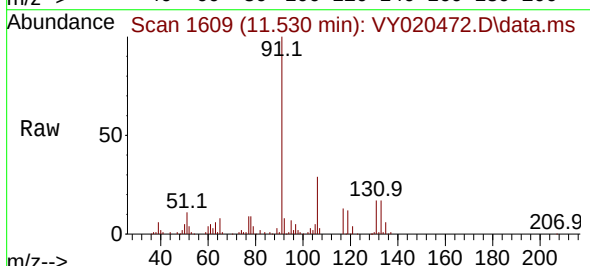
Manual Integrations
APPROVED

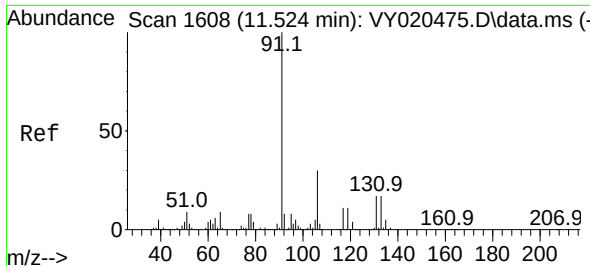
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.524 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion:131 Resp: 11209
Ion Ratio Lower Upper
131 100
133 92.1 47.8 143.3
119 64.3 32.5 97.5





#67

Ethyl Benzene

Concen: 5.280 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 56620

Ion Ratio Lower Upper

91 100

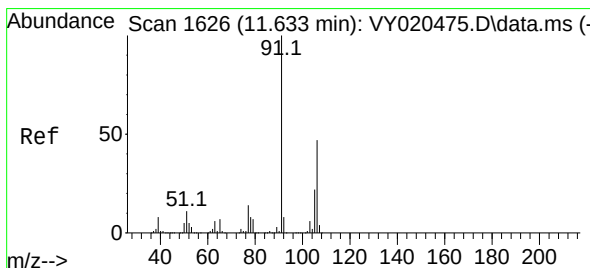
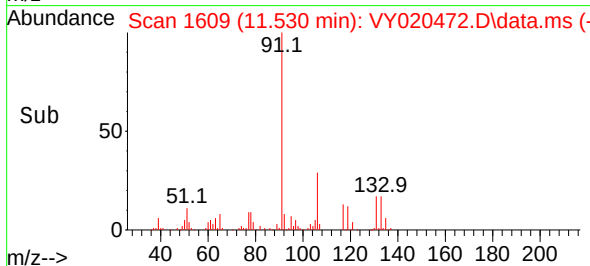
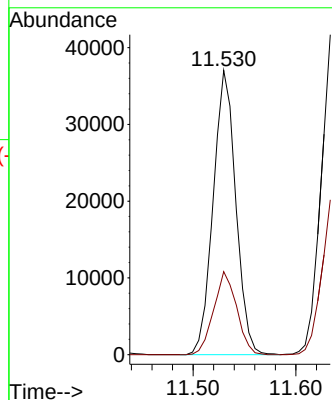
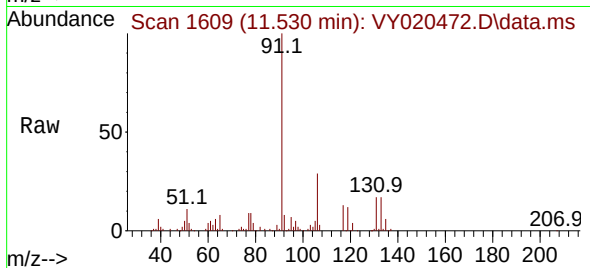
106 29.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#68

m/p-Xylenes

Concen: 10.570 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.012 min

Lab File: VY020472.D

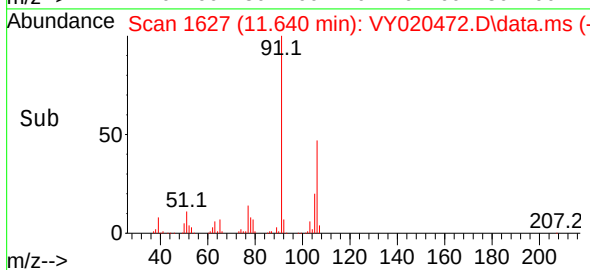
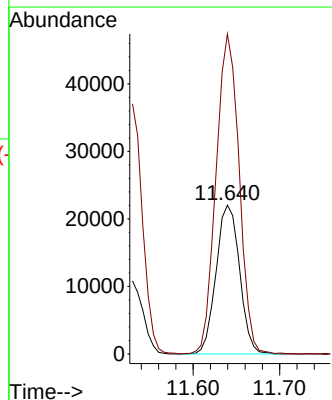
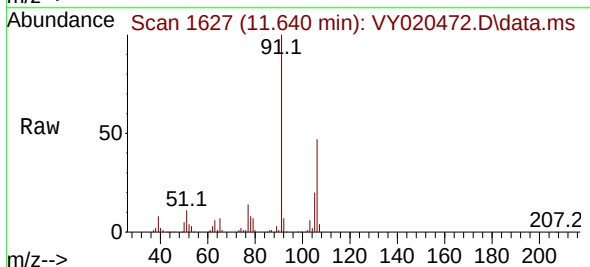
Acq: 02 Dec 2024 09:16

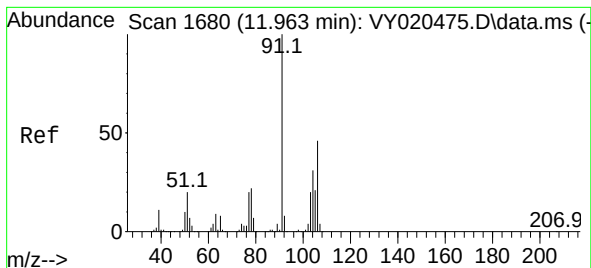
Tgt Ion:106 Resp: 41510

Ion Ratio Lower Upper

106 100

91 211.9 166.0 249.0





#69

o-Xylene

Concen: 5.216 ug/l

RT: 11.969 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion:106 Resp: 1919

Ion Ratio Lower Upper

106 100

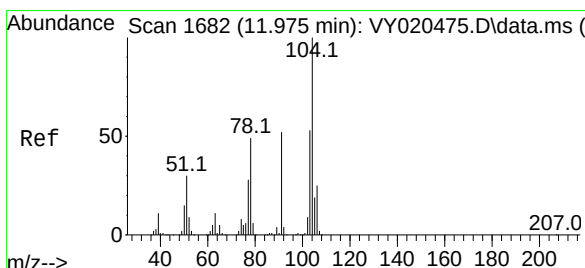
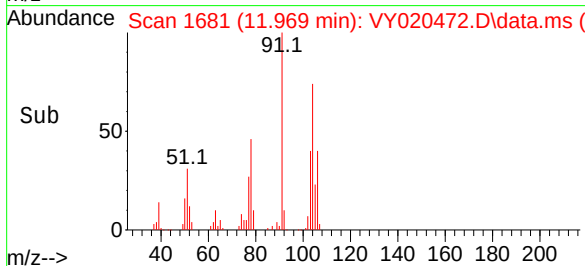
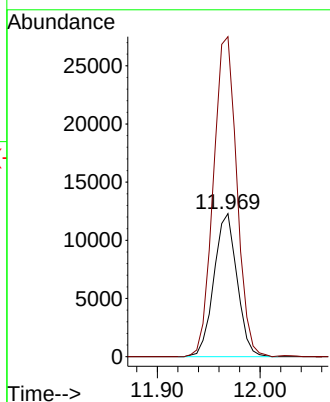
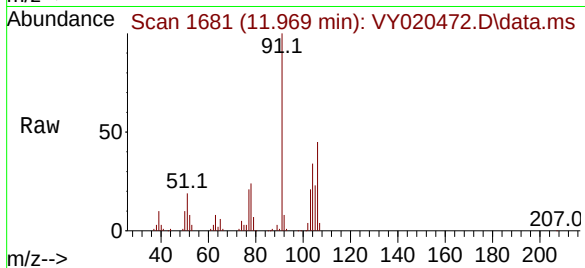
91 226.5 110.0 330.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#70

Styrene

Concen: 5.218 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

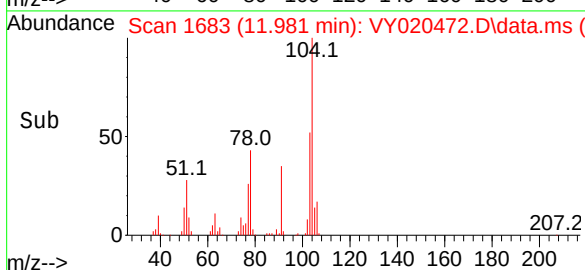
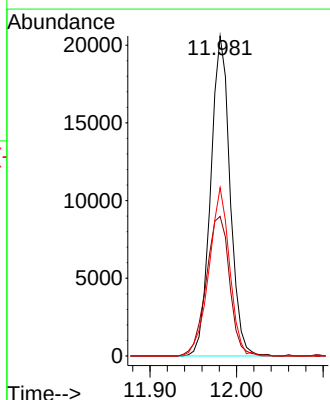
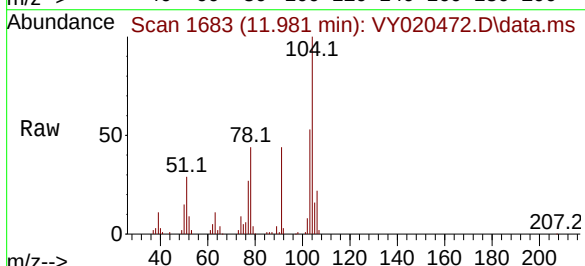
Tgt Ion:104 Resp: 32027

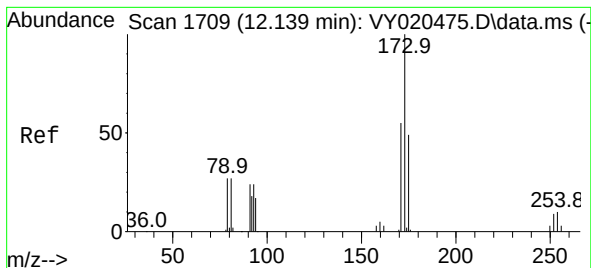
Ion Ratio Lower Upper

104 100

78 52.7 41.4 62.2

103 55.7 44.2 66.4





#71

Bromoform

Concen: 5.476 ug/l

RT: 12.146 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 5650

Ion Ratio Lower Upper

173 100

175 50.4 24.3 73.0

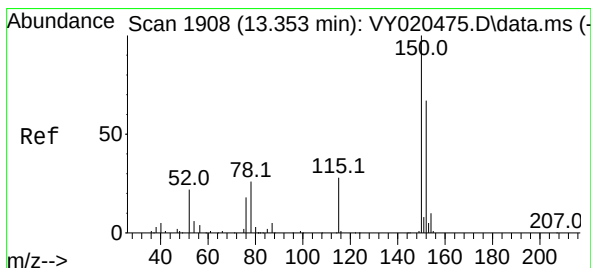
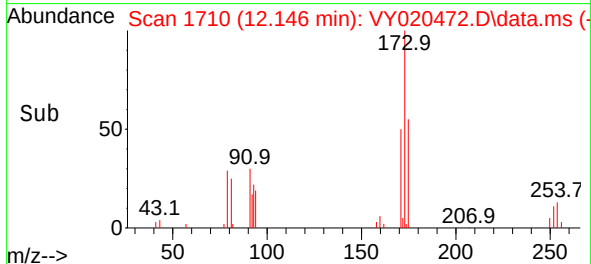
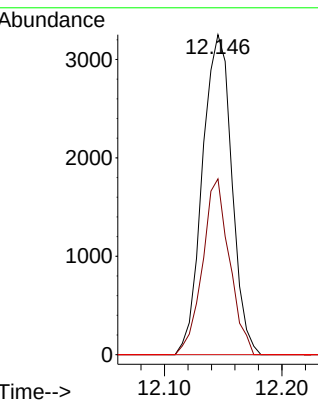
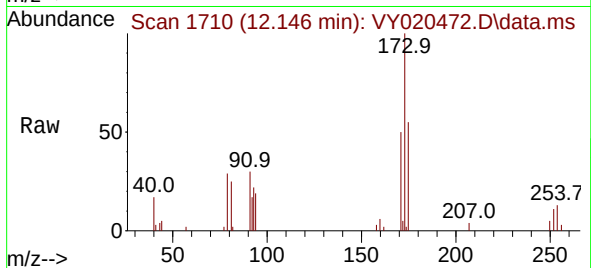
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

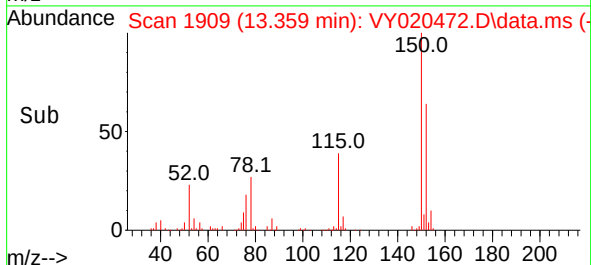
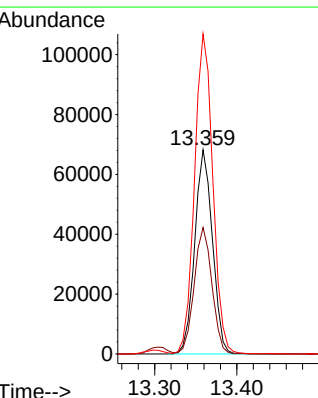
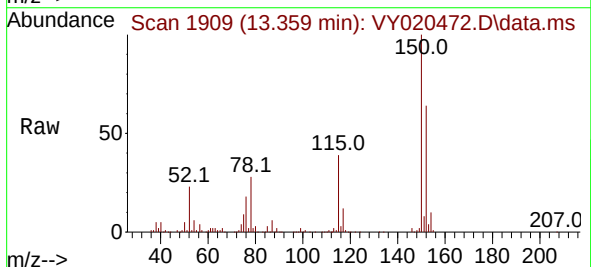
Tgt Ion:152 Resp: 102161

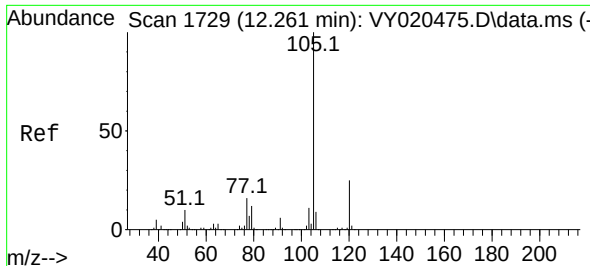
Ion Ratio Lower Upper

152 100

115 62.0 30.0 90.0

150 161.2 0.0 348.2





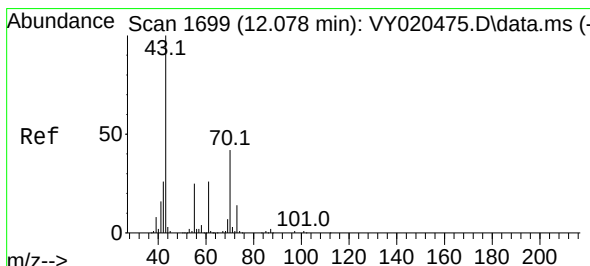
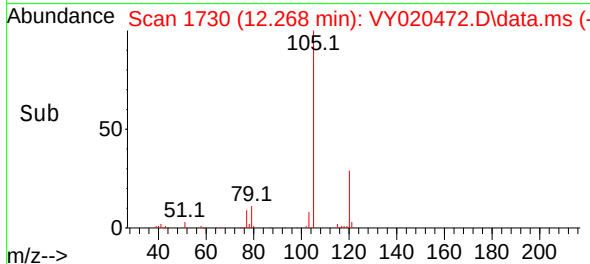
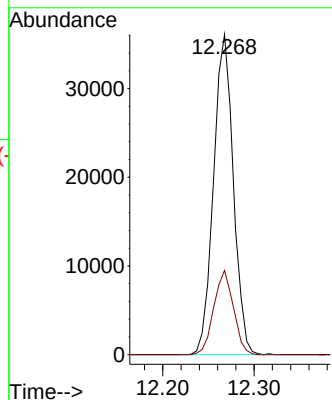
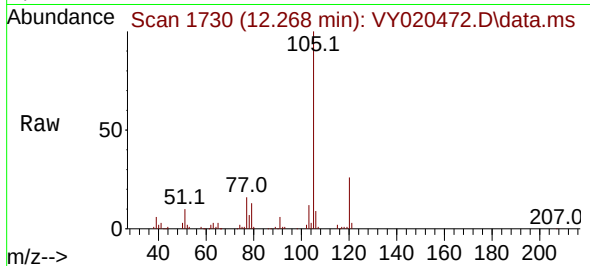
#73
Isopropylbenzene
Concen: 5.487 ug/l
RT: 12.268 min Scan# 1729
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 5424
Ion Ratio Lower Upper
105 100
120 26.1 12.7 38.1

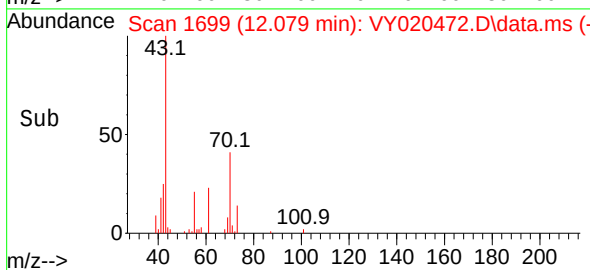
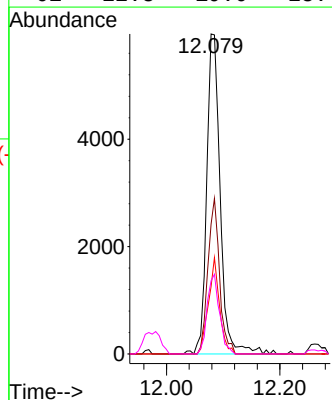
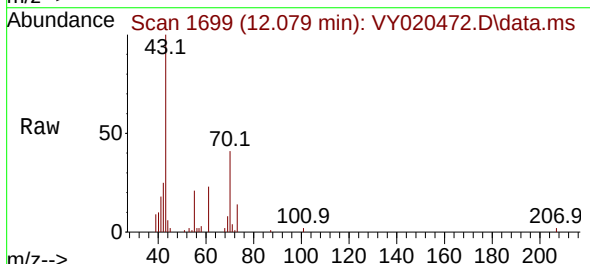
Manual Integrations
APPROVED

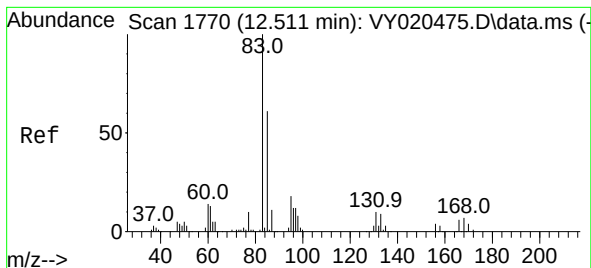
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#74
N-ethyl acetate
Concen: 5.090 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 43 Resp: 9861
Ion Ratio Lower Upper
43 100
70 41.8 32.9 49.3
55 24.8 19.3 28.9
61 22.8 19.0 28.4





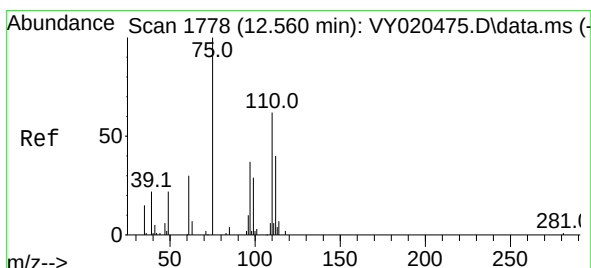
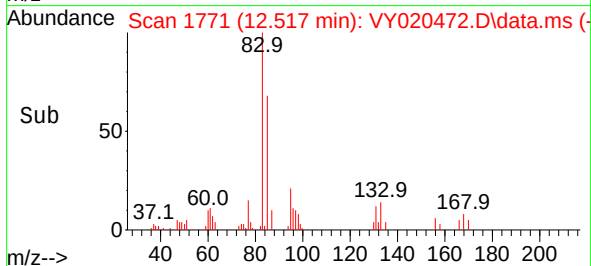
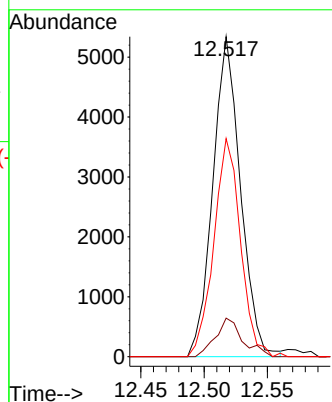
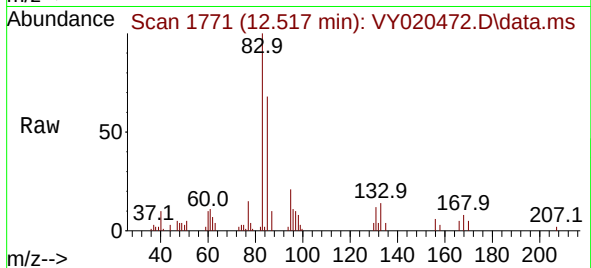
#75
1,1,2,2-Tetrachloroethane
Concen: 5.710 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 8110
Ion Ratio Lower Upper
83 100
131 11.7 4.8 14.4
85 65.7 32.0 96.0

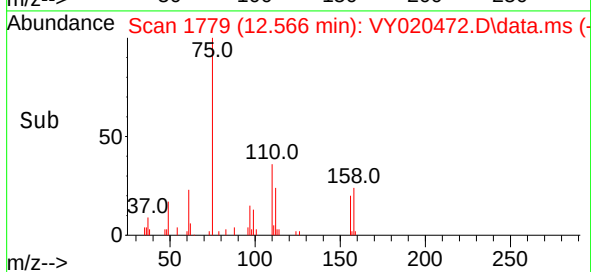
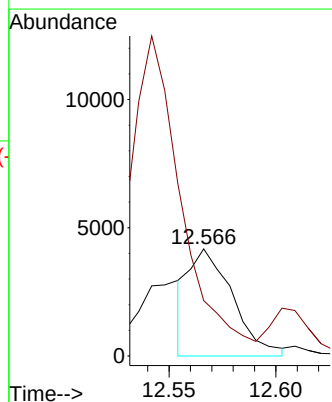
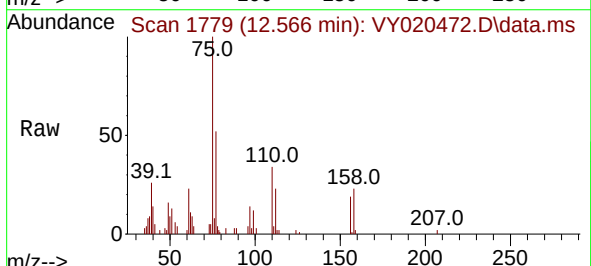
Manual Integrations
APPROVED

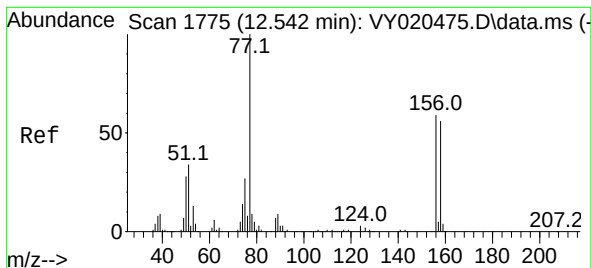
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#76
1,2,3-Trichloropropane
Concen: 3.096 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 75 Resp: 5973
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.475 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

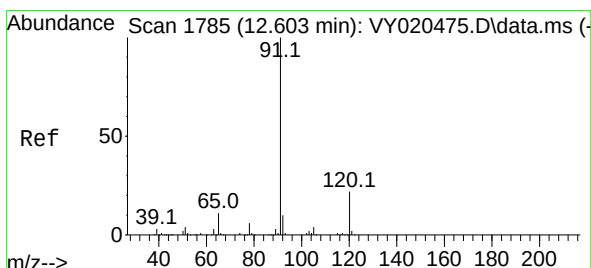
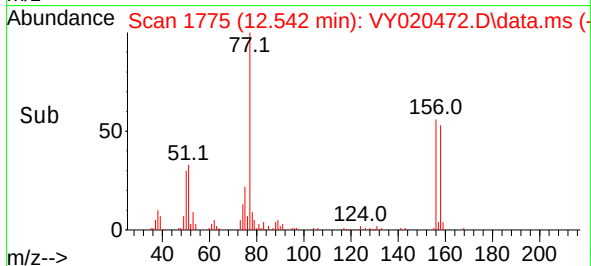
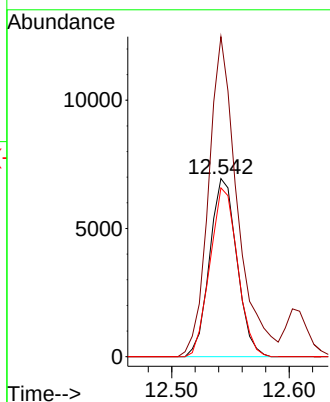
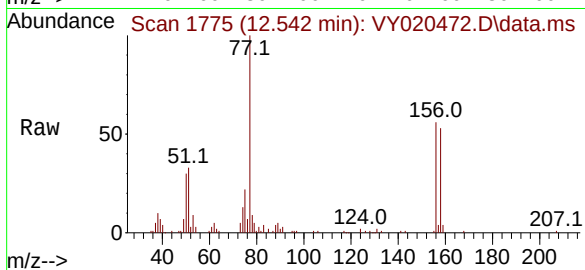
VSTDICC005

Tgt Ion:	156	Resp:	1120
Ion Ratio	Lower	Upper	
156	100		
77	189.8	97.2	291.6
158	95.7	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#78

n-propylbenzene

Concen: 5.440 ug/l

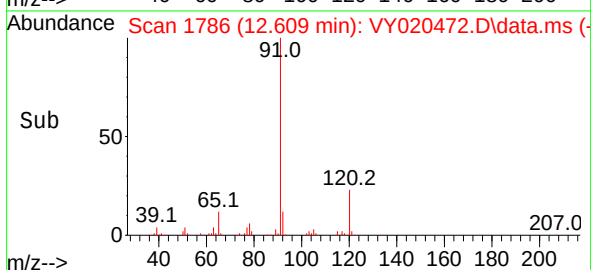
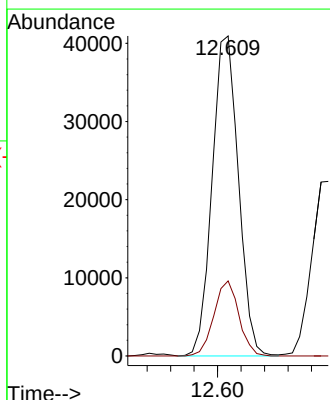
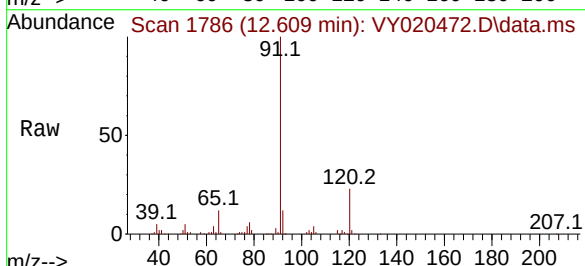
RT: 12.609 min Scan# 1786

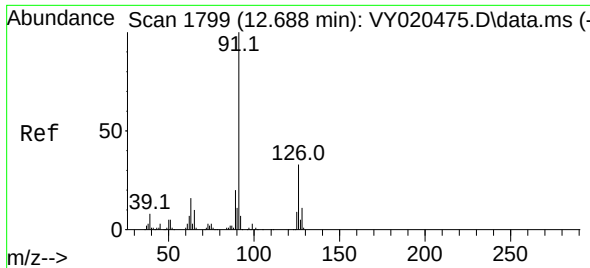
Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Tgt Ion:	91	Resp:	63666
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.9	32.6





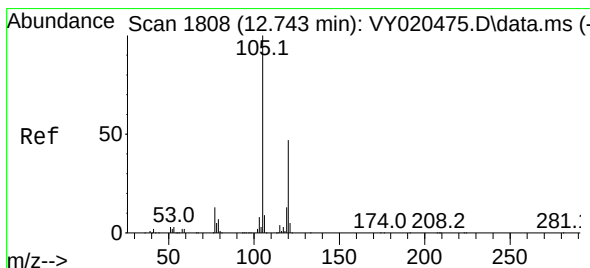
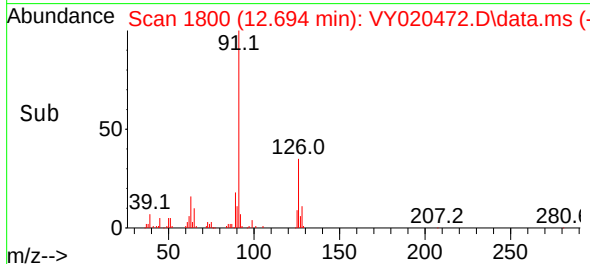
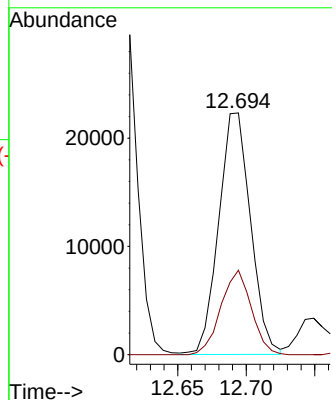
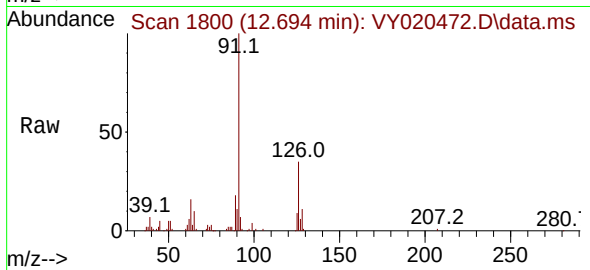
#79
2-Chlorotoluene
Concen: 5.469 ug/l
RT: 12.694 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 36119
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1

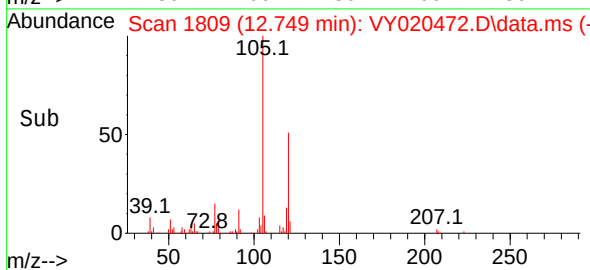
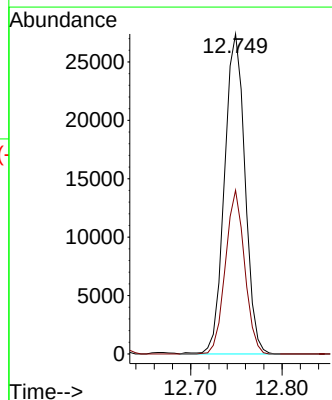
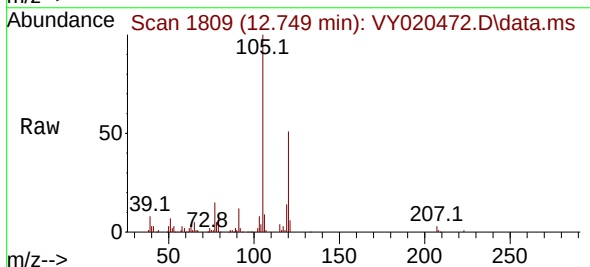
Manual Integrations
APPROVED

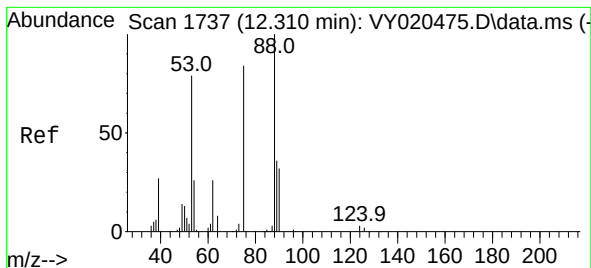
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.393 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion:105 Resp: 42721
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8





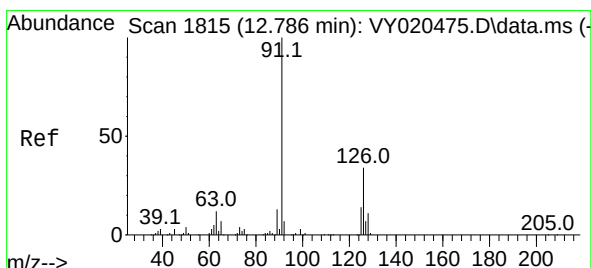
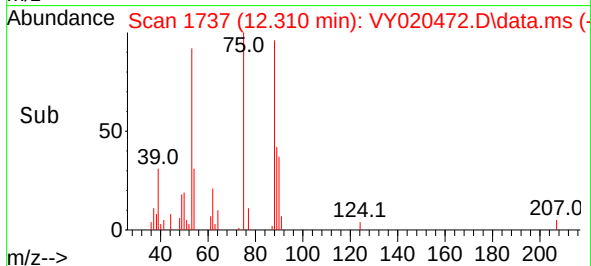
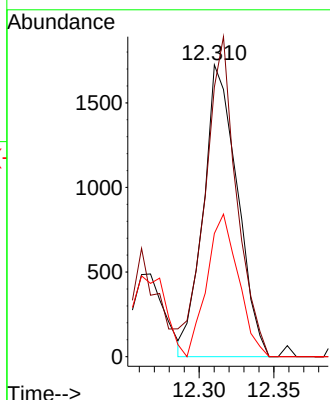
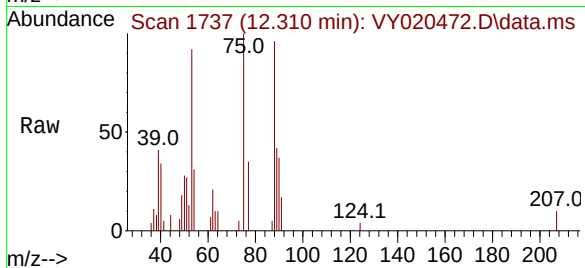
#81
trans-1,4-Dichloro-2-butene
Concen: 5.371 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 2724
Ion Ratio Lower Upper
75 100
53 100.7 81.1 121.7
89 45.0 35.1 52.7

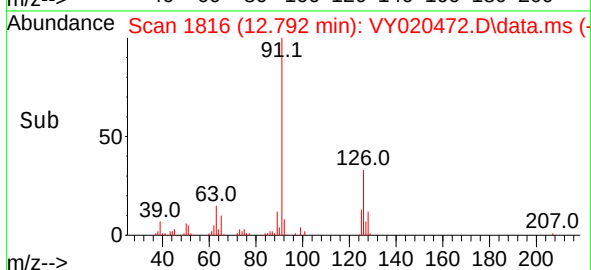
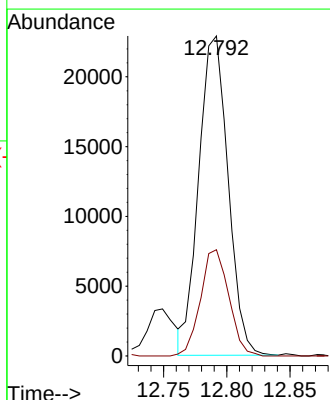
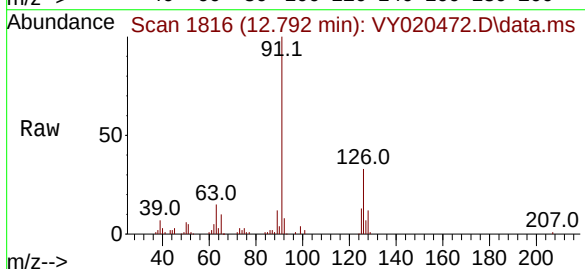
Manual Integrations
APPROVED

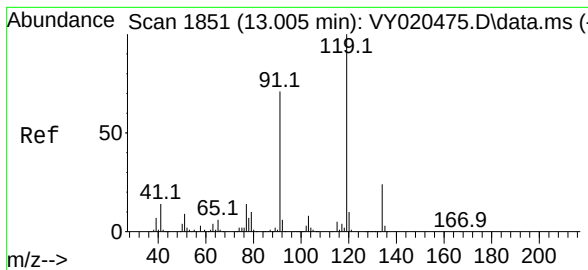
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#82
4-Chlorotoluene
Concen: 5.478 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion: 91 Resp: 36917
Ion Ratio Lower Upper
91 100
126 32.1 16.6 49.8





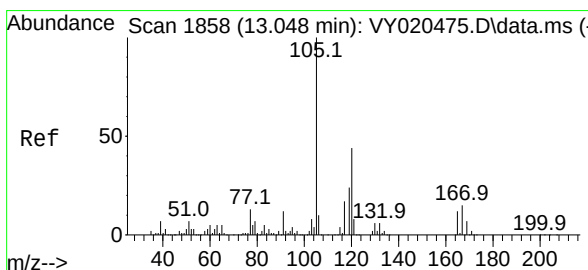
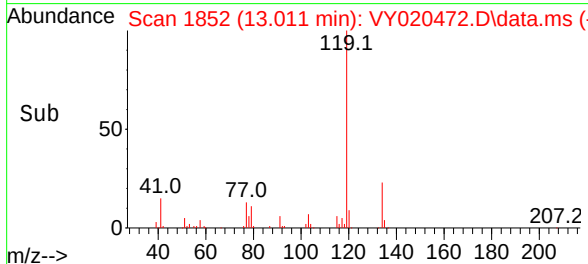
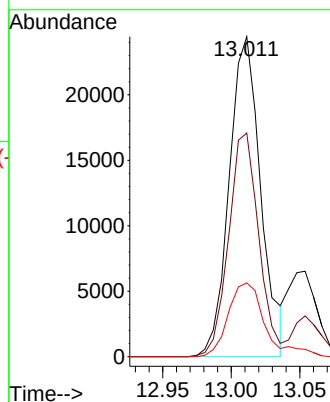
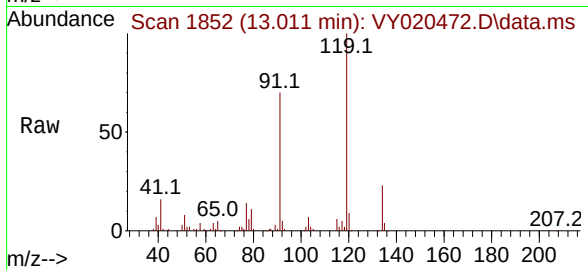
#83
tert-Butylbenzene
Concen: 5.459 ug/l
RT: 13.011 min Scan# 1852
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 3909
Ion Ratio Lower Upper
119 100
91 66.7 33.3 99.9
134 26.9 13.0 38.9

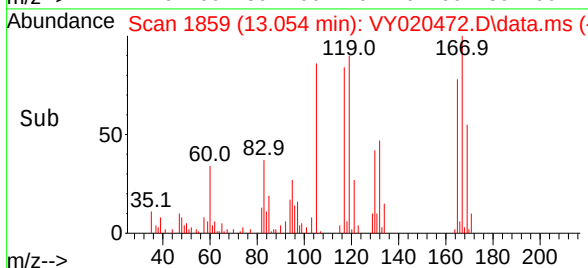
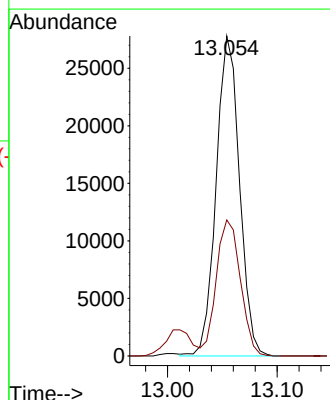
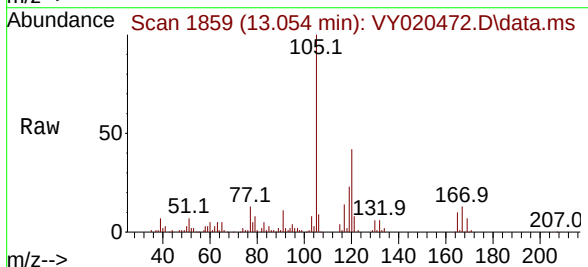
Manual Integrations
APPROVED

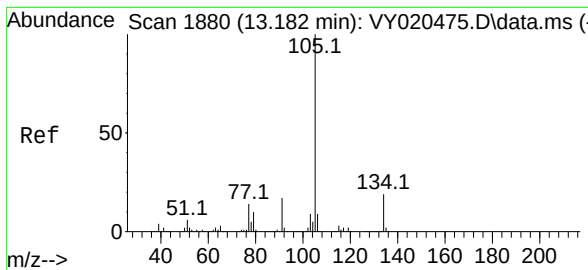
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#84
1,2,4-Trimethylbenzene
Concen: 5.339 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

Tgt Ion:105 Resp: 41106
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 5.391 ug/l
 RT: 13.188 min Scan# 1100
 Delta R.T. 0.012 min
 Lab File: VY020472.D
 Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

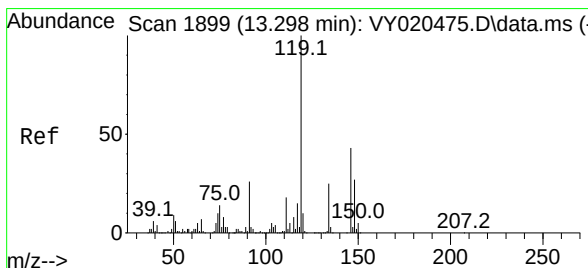
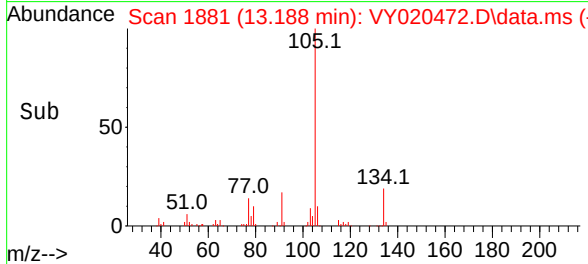
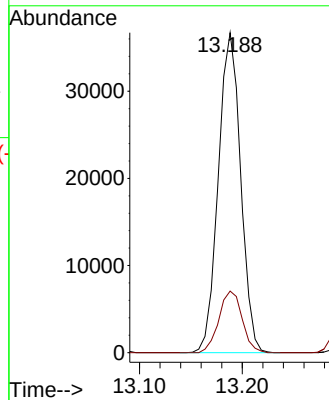
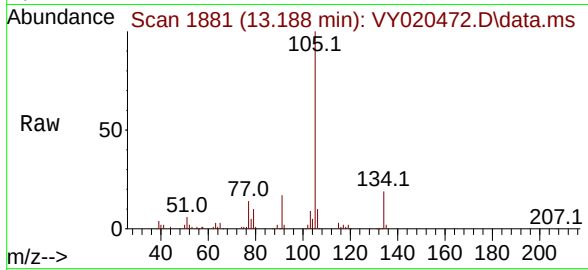
VSTDIC005

Tgt Ion:105 Resp: 5532
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5

Manual Integrations

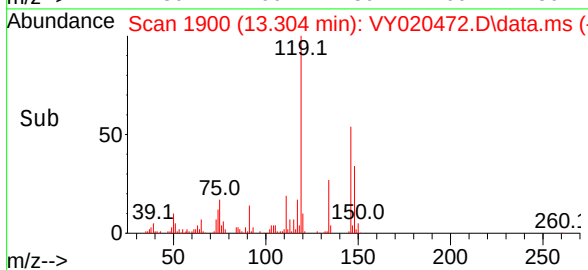
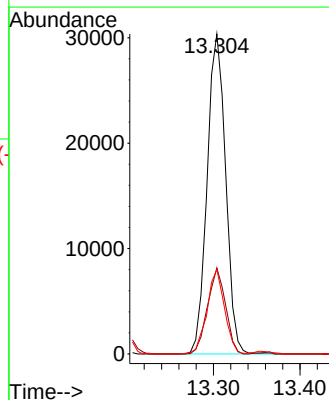
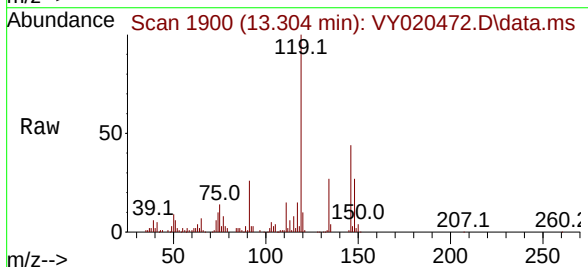
APPROVED

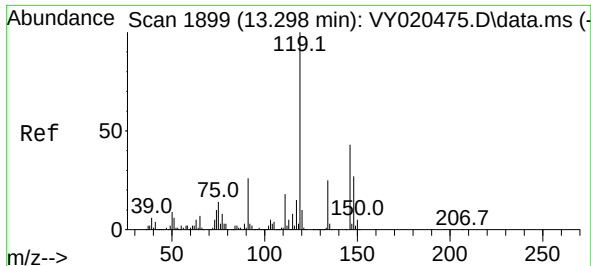
Reviewed By :Romaben Patel 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#86
 p-Isopropyltoluene
 Concen: 5.318 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.012 min
 Lab File: VY020472.D
 Acq: 02 Dec 2024 09:16

Tgt Ion:119 Resp: 45103
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 25.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 5.509 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

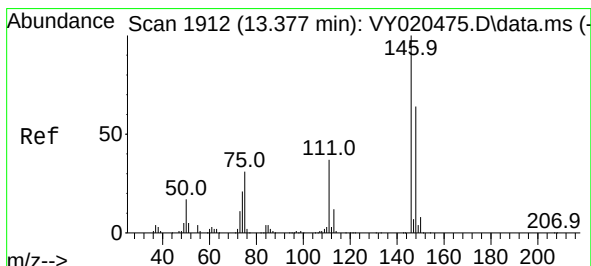
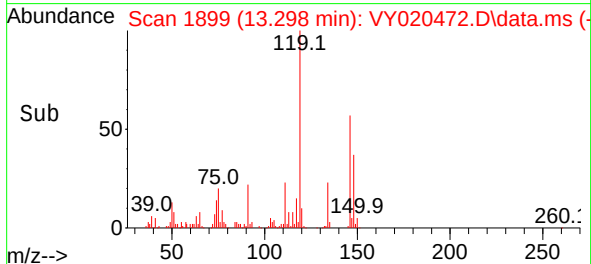
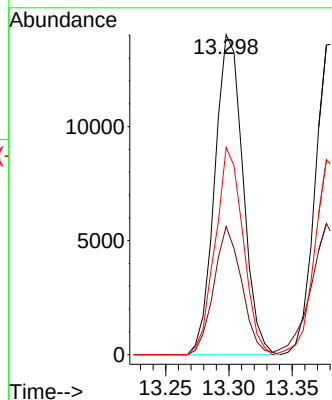
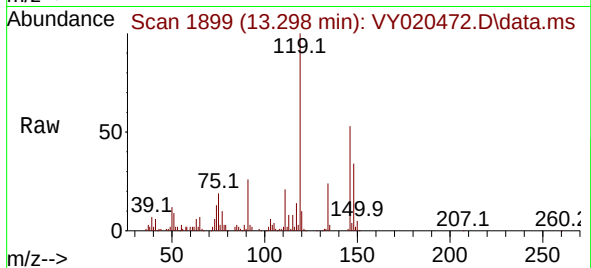
VSTDIC005

Tgt Ion:146	Resp:	21748
Ion Ratio	Lower	Upper
146	100	
111	39.5	20.5 61.6
148	64.0	32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#88

1,4-Dichlorobenzene

Concen: 5.503 ug/l

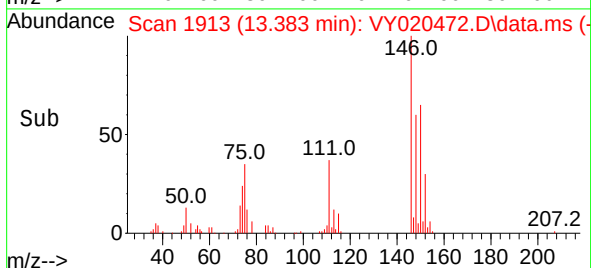
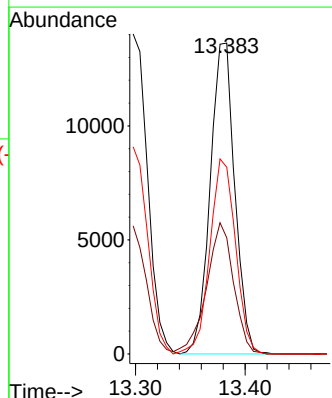
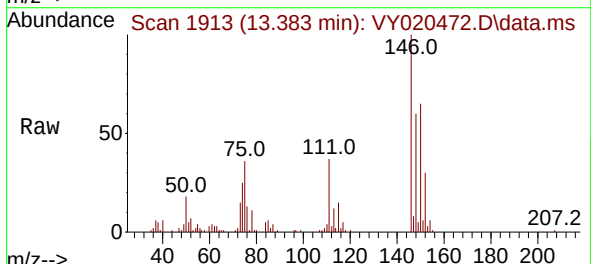
RT: 13.383 min Scan# 1913

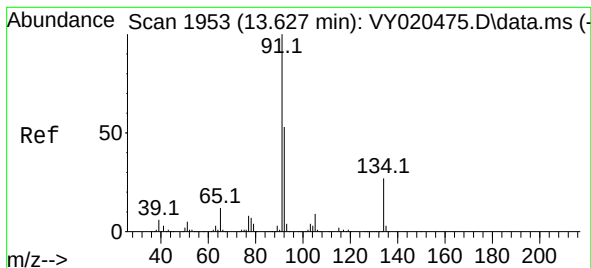
Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Tgt Ion:146	Resp:	21267
Ion Ratio	Lower	Upper
146	100	
111	46.5	19.9 59.6
148	65.5	32.0 96.2





#89

n-Butylbenzene

Concen: 5.201 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. 0.012 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

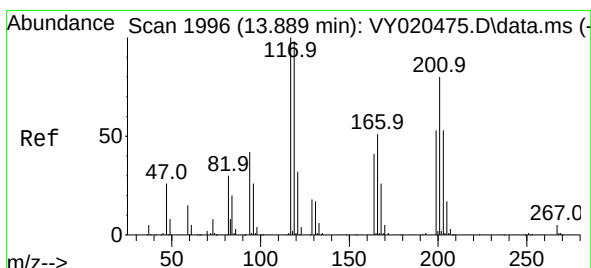
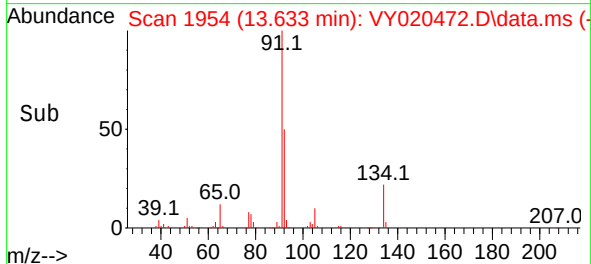
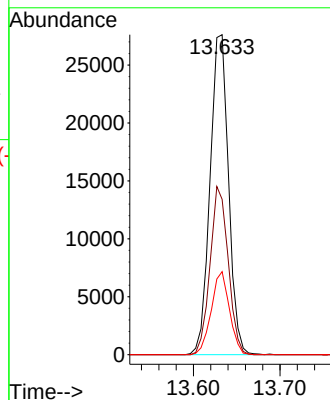
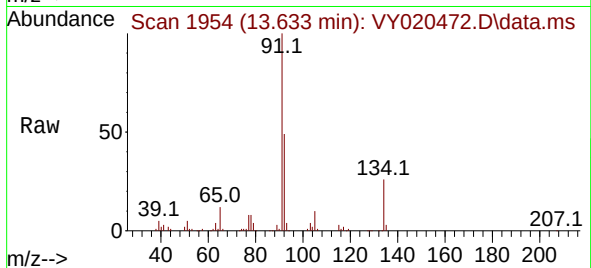
VSTDICC005

Tgt Ion:	91	Resp:	40910
Ion Ratio	Lower	Upper	
91	100		
92	51.5	26.5	79.5
134	25.6	12.2	36.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#90

Hexachloroethane

Concen: 5.465 ug/l

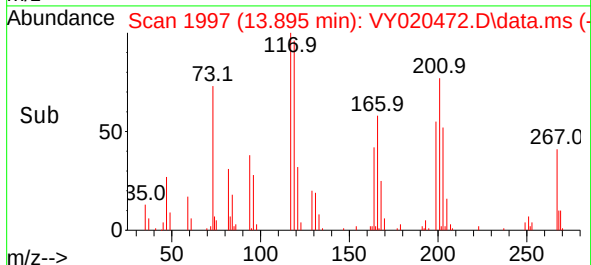
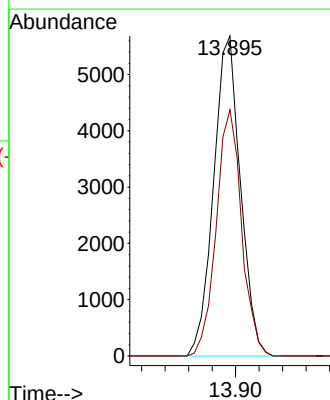
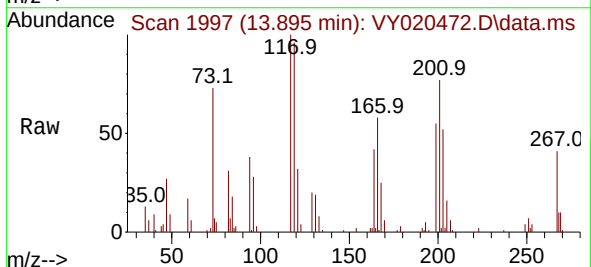
RT: 13.895 min Scan# 1997

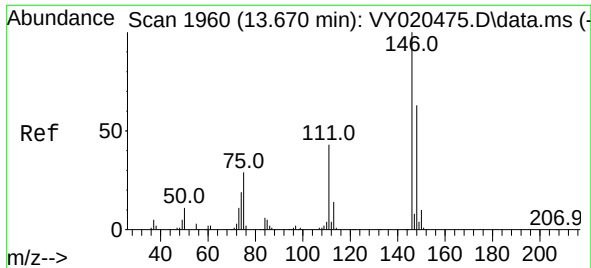
Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

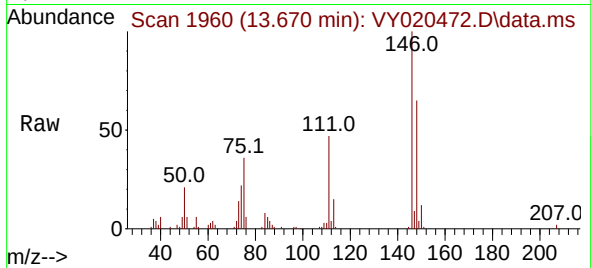
Tgt Ion:	117	Resp:	9033
Ion Ratio	Lower	Upper	
117	100		
201	72.5	37.1	111.3





#91
1,2-Dichlorobenzene
Concen: 5.406 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

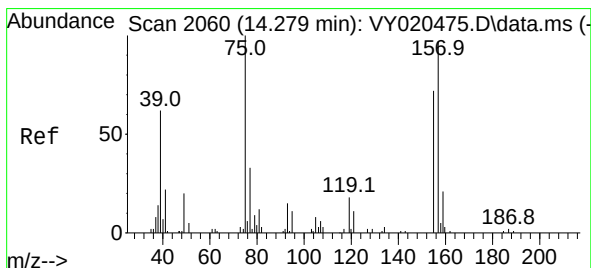
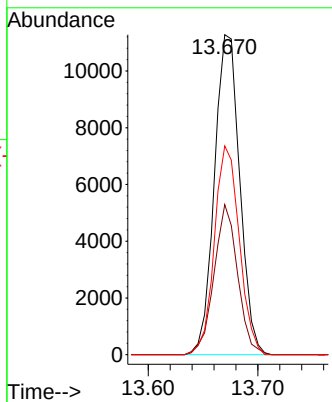
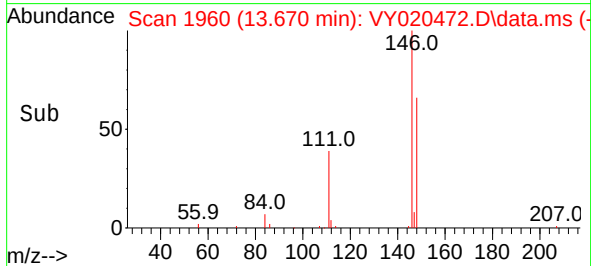
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



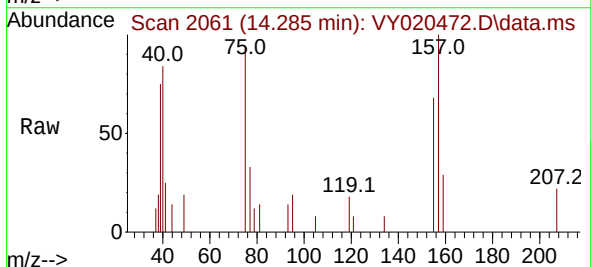
Tgt Ion:146 Resp: 1809
Ion Ratio Lower Upper
146 100
111 43.8 20.8 62.5
148 64.2 31.8 95.4

Manual Integrations
APPROVED

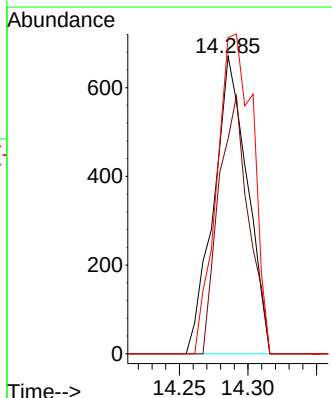
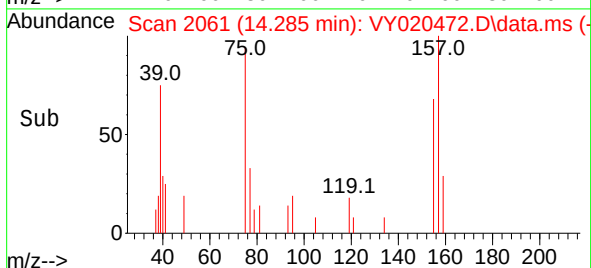
Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

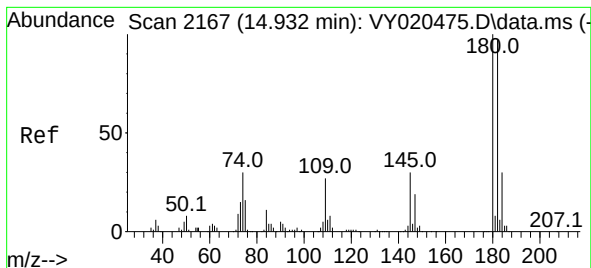


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.321 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16



Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
155 77.1 39.7 119.1
157 115.3 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 4.988 ug/l

RT: 14.938 min Scan# 2167

Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

Instrument :

MSVOA_Y

ClientSampleId :

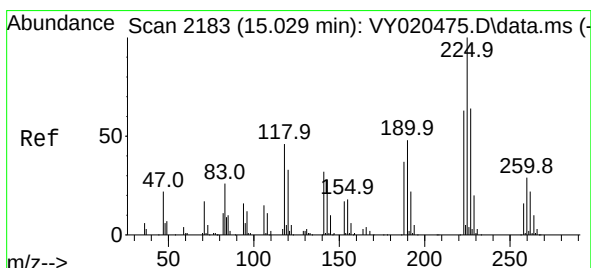
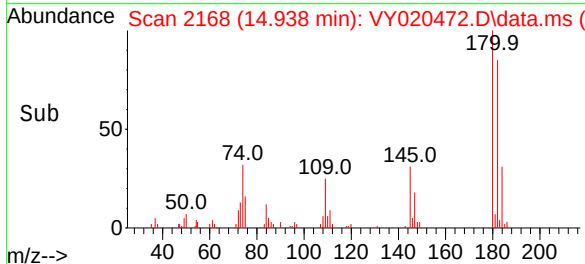
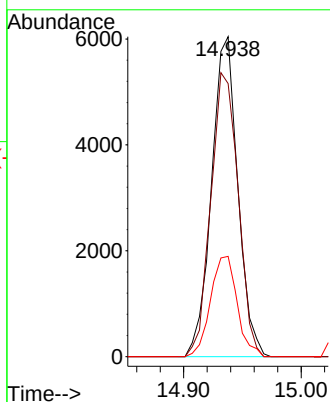
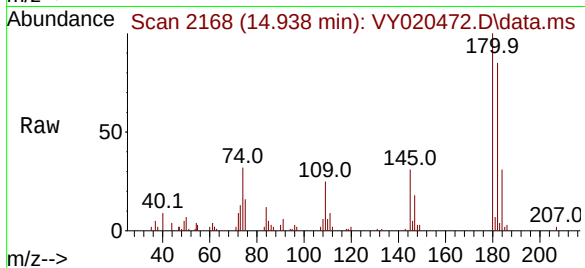
VSTDIC005

Tgt Ion:180	Resp:	9390
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.6 142.8
145	31.9	15.8 47.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#94

Hexachlorobutadiene

Concen: 5.021 ug/l

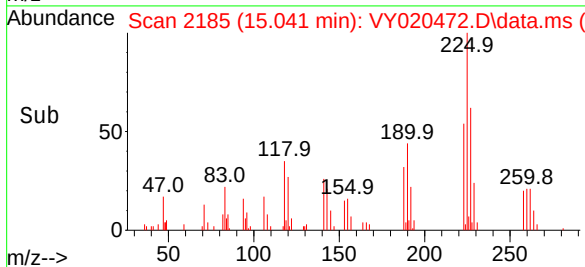
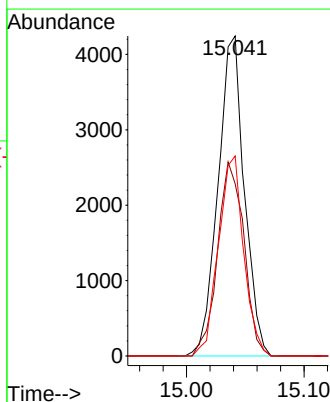
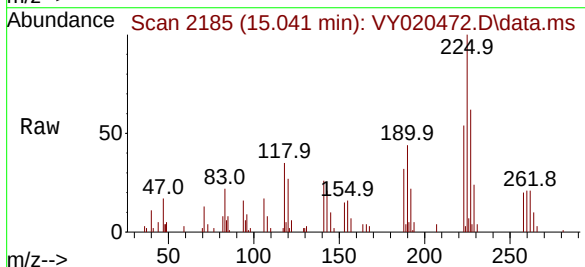
RT: 15.041 min Scan# 2185

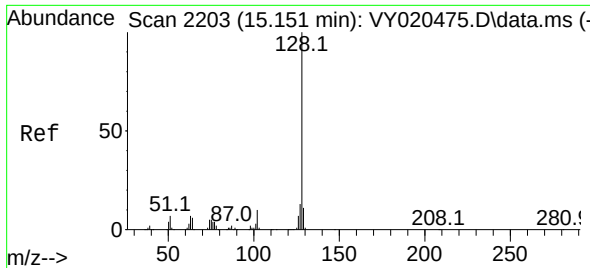
Delta R.T. 0.018 min

Lab File: VY020472.D

Acq: 02 Dec 2024 09:16

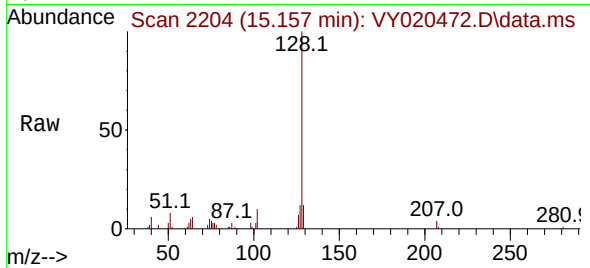
Tgt Ion:225	Resp:	6613
Ion Ratio	Lower	Upper
225	100	
223	60.9	31.9 95.5
227	60.0	32.3 96.8





#95
Naphthalene
Concen: 4.580 ug/l
RT: 15.157 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16

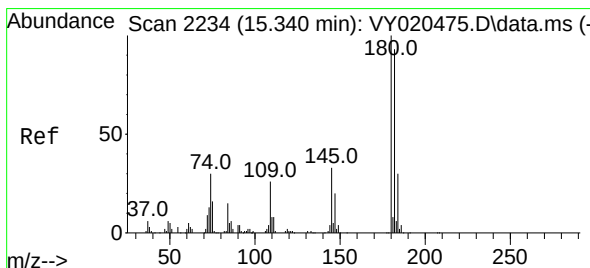
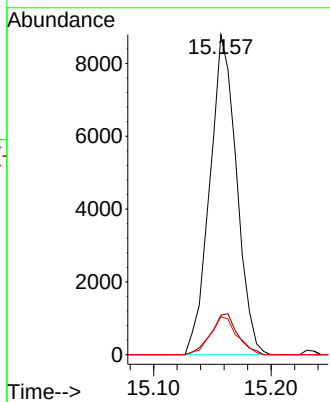
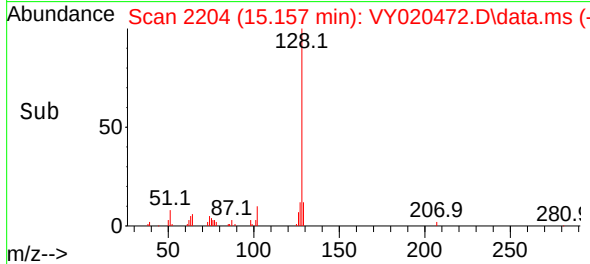
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



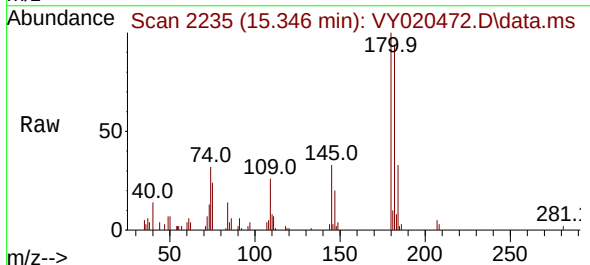
Tgt Ion:128 Resp: 13952
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.806 ug/l
RT: 15.346 min Scan# 2235
Delta R.T. 0.018 min
Lab File: VY020472.D
Acq: 02 Dec 2024 09:16



Tgt Ion:180 Resp: 7300
Ion Ratio Lower Upper
180 100
182 98.8 47.4 142.3
145 34.2 16.9 50.6

