

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020933.D
 Acq On : 24 Jan 2025 16:21
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
 Supervised By :Mahesh Dadoda 01/27/2025

Quant Time: Jan 25 00:50:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 00:43:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	281879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	419828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	342195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	161896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	10646	4.737	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.480%#		
35) Dibromofluoromethane	7.646	113	11086	4.600	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.200%#		
50) Toluene-d8	10.115	98	41178	4.405	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.800%#		
62) 4-Bromofluorobenzene	12.414	95	13378	4.300	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	8.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	11106	5.209	ug/l	98
3) Chloromethane	2.074	50	8479	5.347	ug/l	94
4) Vinyl Chloride	2.208	62	8700	5.034	ug/l	95
5) Bromomethane	2.604	94	6882	5.879	ug/l	93
6) Chloroethane	2.745	64	5140	5.069	ug/l	93
7) Trichlorofluoromethane	3.074	101	17977	4.896	ug/l	100
8) Diethyl Ether	3.464	74	5246	4.648	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.830	101	12332	5.090	ug/l	97
10) Methyl Iodide	4.019	142	13968	4.838	ug/l	99
11) Tert butyl alcohol	4.842	59	5388m	31.056	ug/l	
12) 1,1-Dichloroethene	3.805	96	11301	4.939	ug/l	93
13) Acrolein	3.671	56	4400	18.708	ug/l	93
14) Allyl chloride	4.397	41	15437	4.834	ug/l	97
15) Acrylonitrile	5.074	53	9621	21.688	ug/l	97
16) Acetone	3.873	43	7330	24.072	ug/l	90
17) Carbon Disulfide	4.116	76	34877	4.936	ug/l	100
18) Methyl Acetate	4.403	43	5424	4.931	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	23699	4.472	ug/l	97
20) Methylene Chloride	4.635	84	11691	5.162	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	12413	5.032	ug/l	96
22) Diisopropyl ether	6.031	45	30193	4.700	ug/l	94
23) Vinyl Acetate	5.976	43	74699	21.011	ug/l	99
24) 1,1-Dichloroethane	5.933	63	19970	4.904	ug/l	97
25) 2-Butanone	6.909	43	11135	21.588	ug/l	89
26) 2,2-Dichloropropane	6.896	77	21750	5.423	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	13712	4.925	ug/l	97
28) Bromochloromethane	7.256	49	6553	3.999	ug/l	96
29) Tetrahydrofuran	7.274	42	7033	20.459	ug/l	97
30) Chloroform	7.433	83	21395	4.964	ug/l	92
31) Cyclohexane	7.713	56	23036	5.756	ug/l #	75
32) 1,1,1-Trichloroethane	7.628	97	20789	4.973	ug/l	98
36) 1,1-Dichloropropene	7.847	75	17019	5.058	ug/l	99
37) Ethyl Acetate	6.994	43	5733	4.391	ug/l #	96
38) Carbon Tetrachloride	7.829	117	20118	4.958	ug/l	95
39) Methylcyclohexane	9.122	83	22003	4.830	ug/l	94
40) Benzene	8.091	78	48520	4.915	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020933.D
 Acq On : 24 Jan 2025 16:21
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
 Supervised By :Mahesh Dadoda 01/27/2025

Quant Time: Jan 25 00:50:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 00:43:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	2690	3.900	ug/l #	91
42) 1,2-Dichloroethane	8.164	62	11785	4.798	ug/l	99
43) Isopropyl Acetate	8.207	43	9892	3.996	ug/l	96
44) Trichloroethene	8.872	130	12984	4.841	ug/l	97
45) 1,2-Dichloropropane	9.152	63	10331	4.741	ug/l	99
46) Dibromomethane	9.237	93	5533	4.466	ug/l	95
47) Bromodichloromethane	9.432	83	15563	4.721	ug/l	98
48) Methyl methacrylate	9.231	41	4640	3.973	ug/l	92
49) 1,4-Dioxane	9.237	88	1089	85.374	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	25282	20.253	ug/l	98
52) Toluene	10.176	92	30300	4.772	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	13104	4.336	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	16741	4.639	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	7915	4.727	ug/l	98
56) Ethyl methacrylate	10.451	69	8214	3.743	ug/l	95
57) 1,3-Dichloropropane	10.725	76	13090	4.601	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.719	63	17897	17.967	ug/l	98
59) 2-Hexanone	10.768	43	14658	18.261	ug/l	99
60) Dibromochloromethane	10.920	129	10778	4.573	ug/l	96
61) 1,2-Dibromoethane	11.024	107	7318	4.569	ug/l	96
64) Tetrachloroethene	10.658	164	12240	5.140	ug/l	95
65) Chlorobenzene	11.450	112	33264	4.971	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	11714	4.926	ug/l	99
67) Ethyl Benzene	11.524	91	56470	4.836	ug/l	99
68) m/p-Xylenes	11.639	106	42909	9.597	ug/l	98
69) o-Xylene	11.963	106	19933	4.773	ug/l	98
70) Styrene	11.975	104	30761	4.494	ug/l	96
71) Bromoform	12.139	173	6090	4.523	ug/l #	98
73) Isopropylbenzene	12.261	105	54948	4.928	ug/l	99
74) N-amyl acetate	12.078	43	7568	3.814	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	7848	4.524	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	4726m	4.129	ug/l	
77) Bromobenzene	12.542	156	12881	4.928	ug/l	95
78) n-propylbenzene	12.603	91	64297	4.950	ug/l	100
79) 2-Chlorotoluene	12.688	91	36759	4.990	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	43435	4.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	2218	3.744	ug/l #	83
82) 4-Chlorotoluene	12.786	91	37376	4.969	ug/l	99
83) tert-Butylbenzene	13.005	119	40450	4.895	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	42059	4.769	ug/l	99
85) sec-Butylbenzene	13.182	105	57554	4.885	ug/l	99
86) p-Isopropyltoluene	13.298	119	47891	4.811	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	24928	4.981	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	24992	5.083	ug/l	94
89) n-Butylbenzene	13.627	91	41497	4.726	ug/l	100
90) Hexachloroethane	13.889	117	9929	5.021	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	21618	4.985	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1121	4.301	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	11281	4.325	ug/l	97
94) Hexachlorobutadiene	15.035	225	9074	5.084	ug/l	99
95) Naphthalene	15.157	128	15707	3.755	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	9532	4.349	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
Data File : VY020933.D
Acq On : 24 Jan 2025 16:21
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

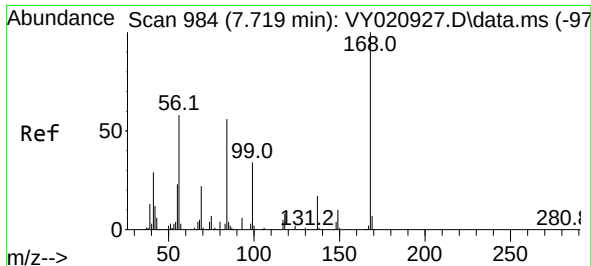
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

Quant Time: Jan 25 00:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 25 00:43:14 2025
Response via : Initial Calibration

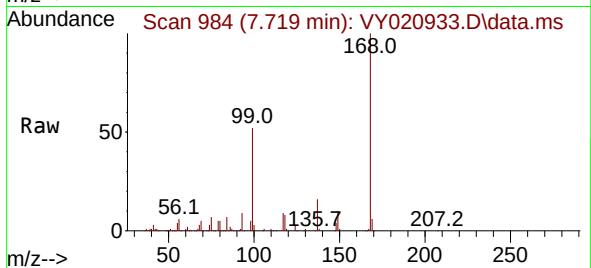
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

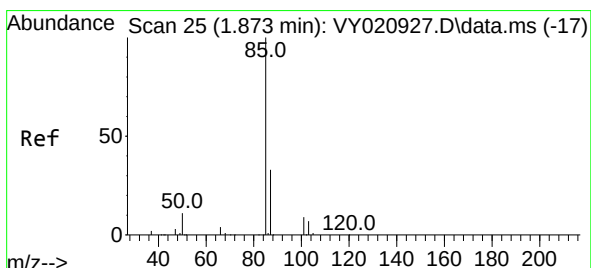
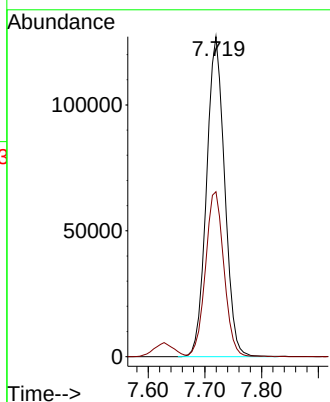
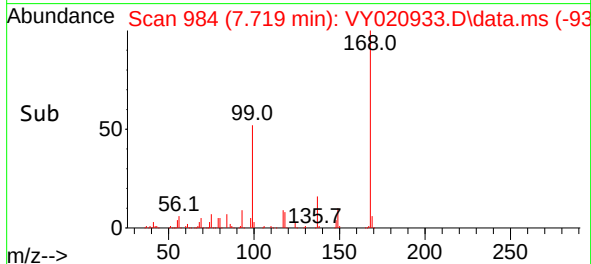
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 281879
Ion Ratio Lower Upper
168 100
99 51.5 43.0 64.6

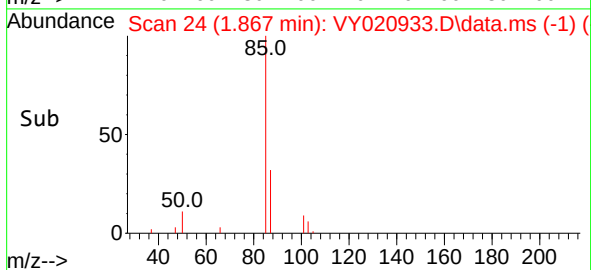
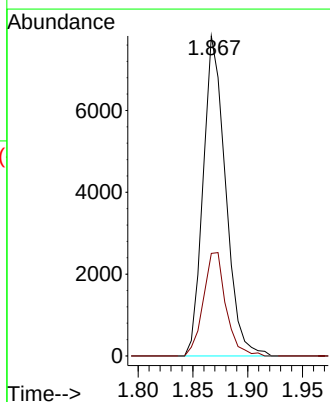
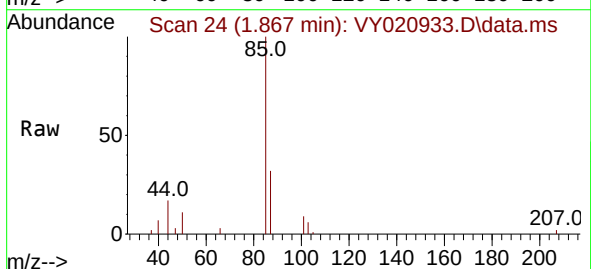
Manual Integrations
APPROVED

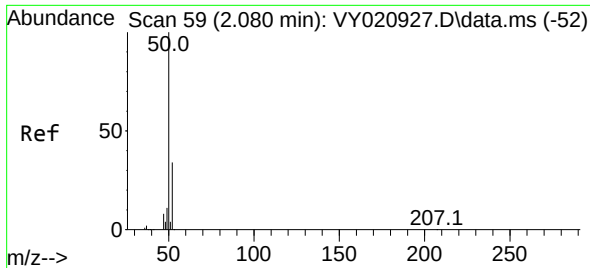
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#2
Dichlorodifluoromethane
Concen: 5.209 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

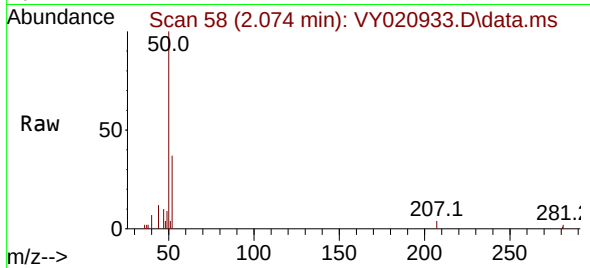
Tgt Ion: 85 Resp: 11106
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8





#3
Chloromethane
Concen: 5.347 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

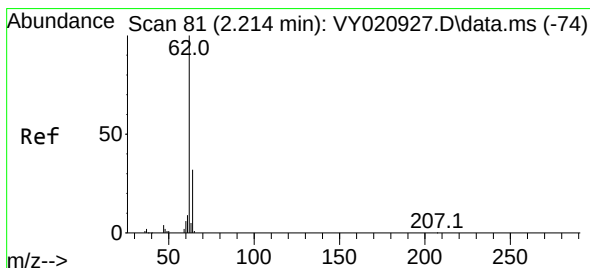
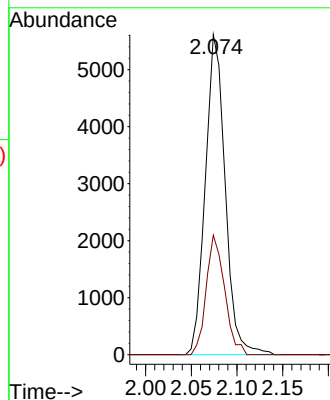
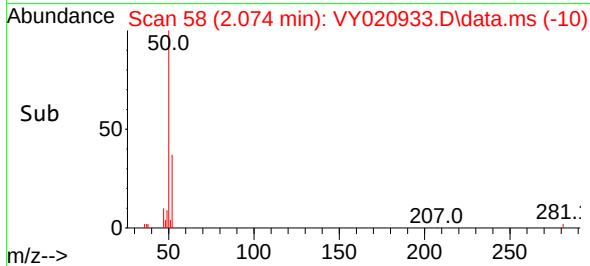
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 8479
Ion Ratio Lower Upper
50 100
52 37.4 27.4 41.0

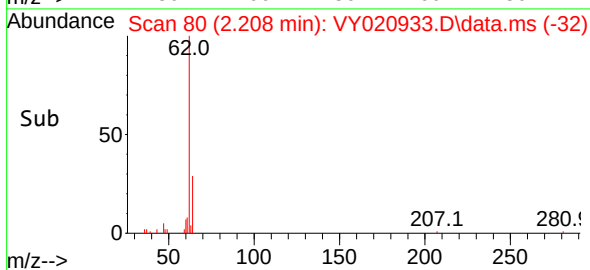
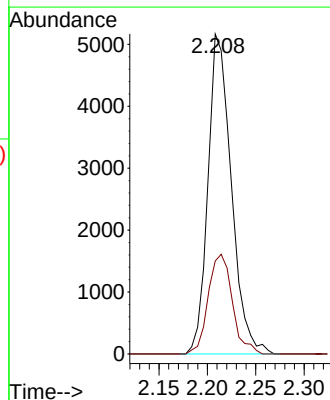
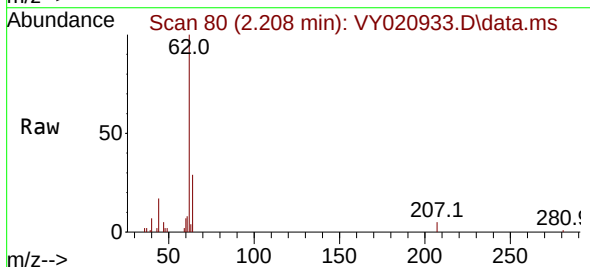
Manual Integrations
APPROVED

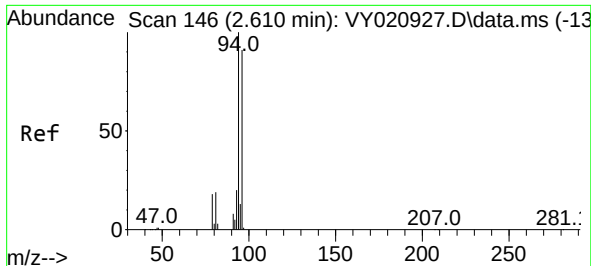
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#4
Vinyl Chloride
Concen: 5.034 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

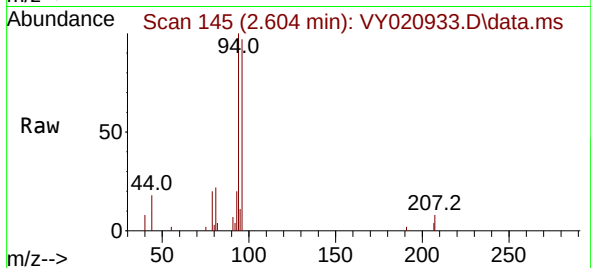
Tgt Ion: 62 Resp: 8700
Ion Ratio Lower Upper
62 100
64 29.1 25.7 38.5





#5
Bromomethane
Concen: 5.879 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

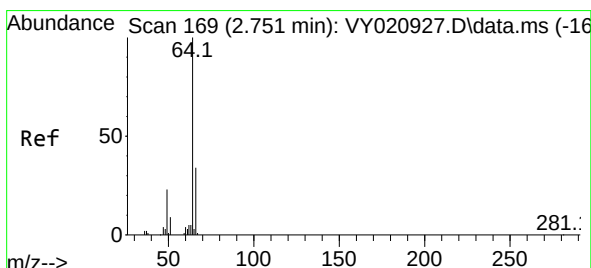
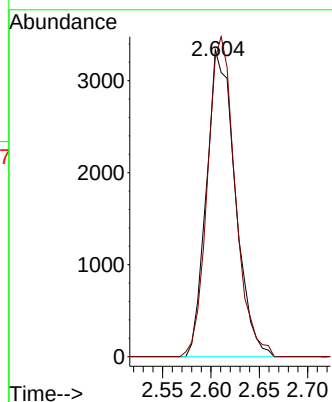
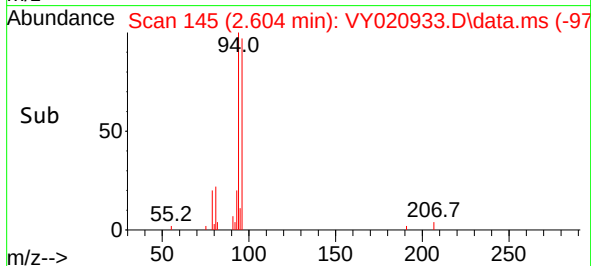
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



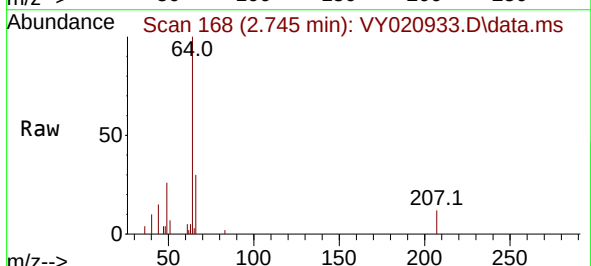
Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 97.3 72.6 109.0

Manual Integrations
APPROVED

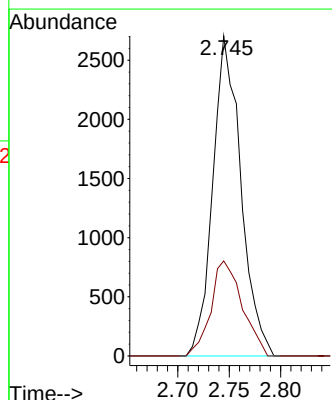
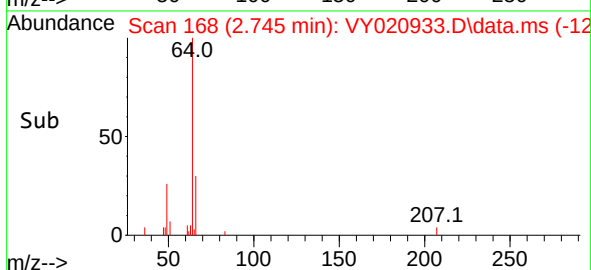
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

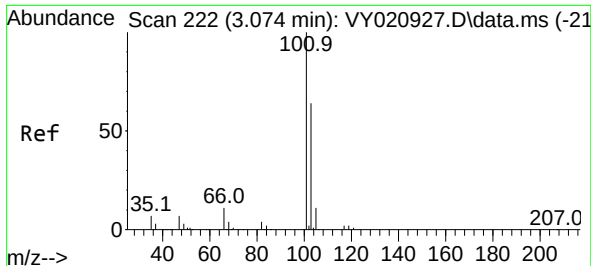


#6
Chloroethane
Concen: 5.069 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



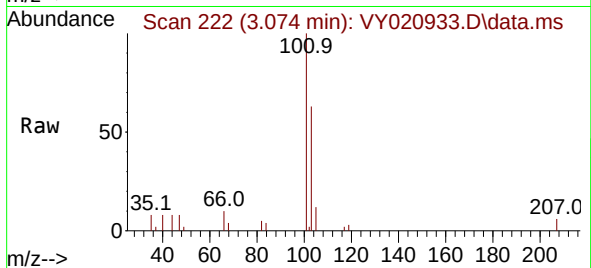
Tgt Ion: 64 Resp: 5140
Ion Ratio Lower Upper
64 100
66 29.7 26.9 40.3





#7
Trichlorofluoromethane
Concen: 4.896 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

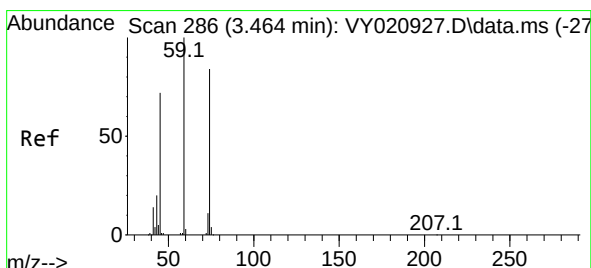
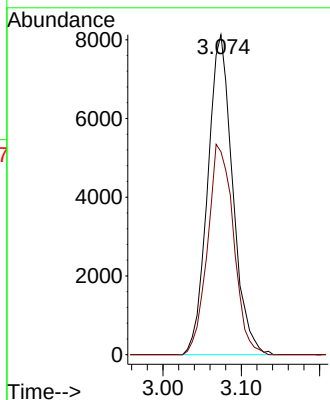
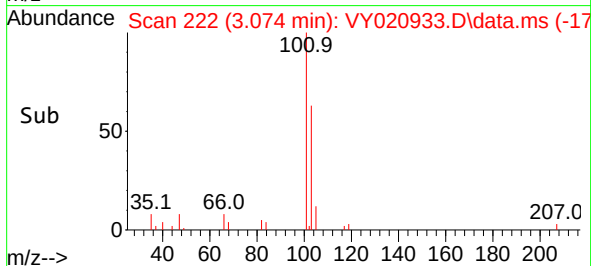
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 1797
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4

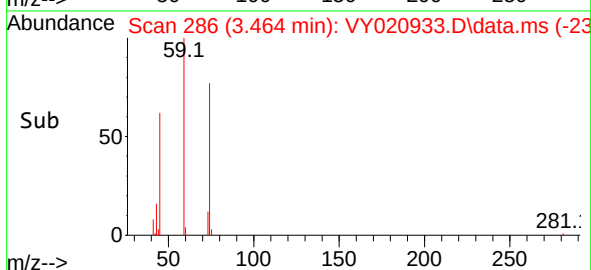
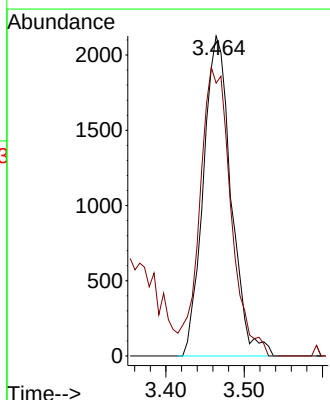
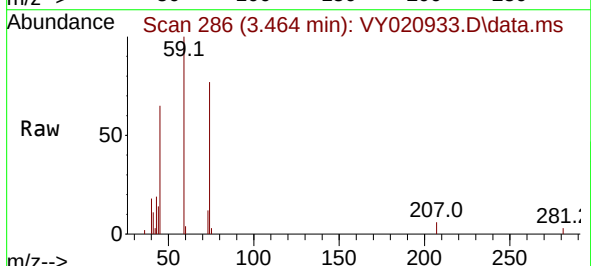
Manual Integrations
APPROVED

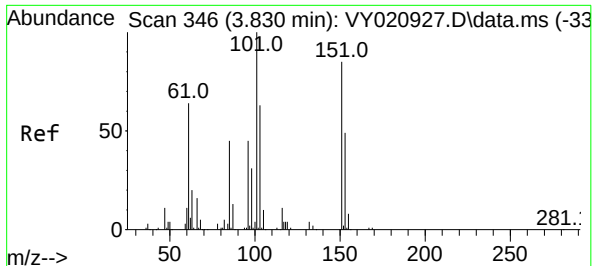
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#8
Diethyl Ether
Concen: 4.648 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 74 Resp: 5246
Ion Ratio Lower Upper
74 100
45 100.5 45.1 135.2





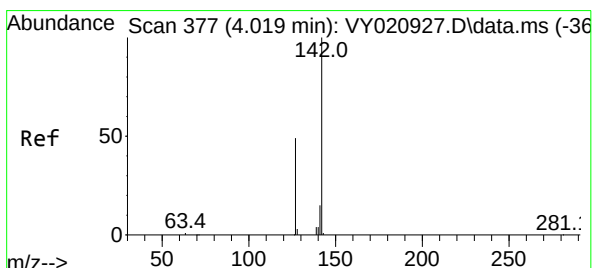
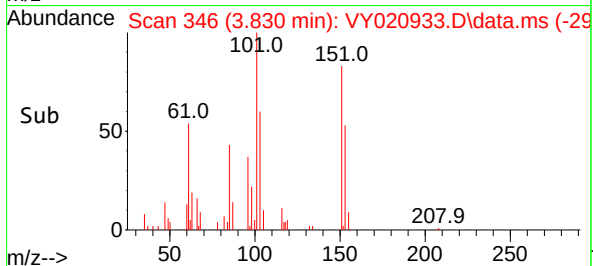
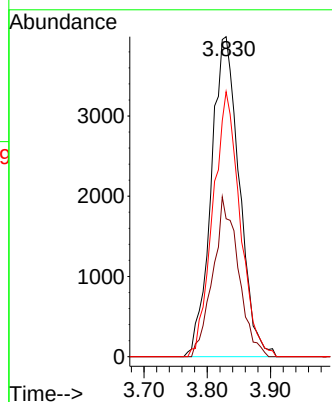
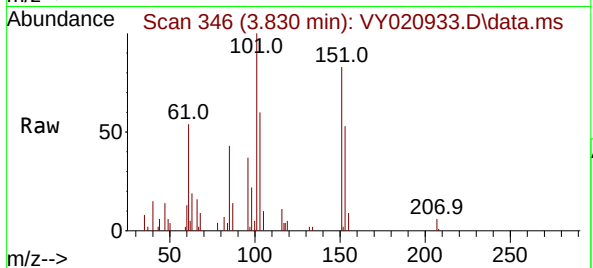
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.090 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1233
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.2
151 79.7 66.3 99.5

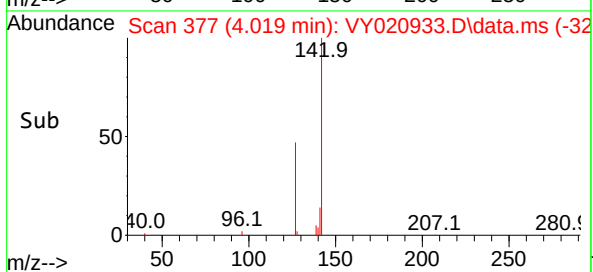
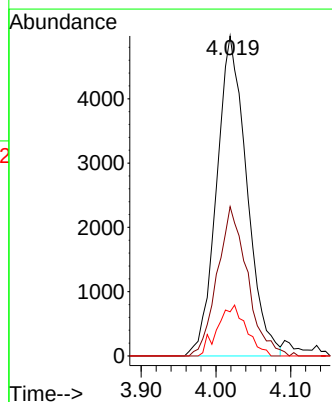
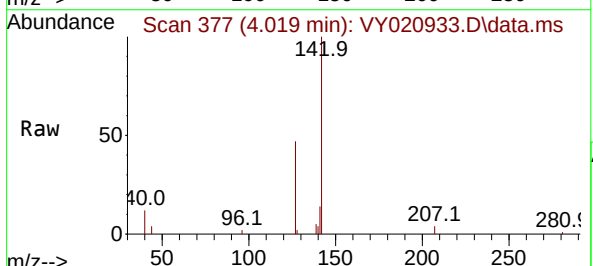
Manual Integrations
APPROVED

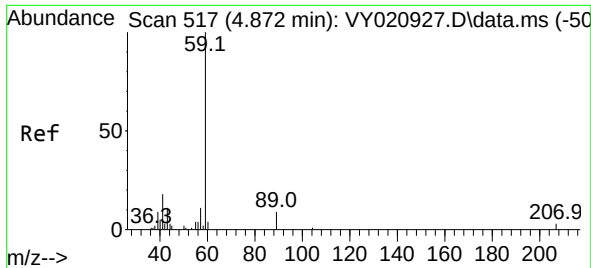
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#10
Methyl Iodide
Concen: 4.838 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

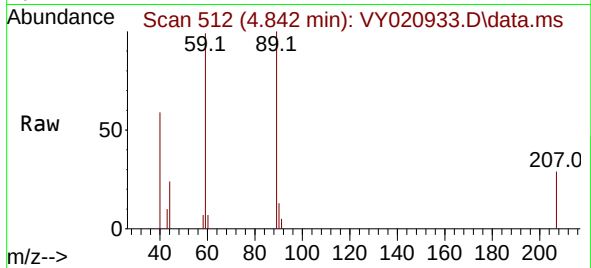
Tgt Ion:142 Resp: 13968
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 15.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 31.056 ug/l m
RT: 4.842 min Scan# 517
Delta R.T. -0.030 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

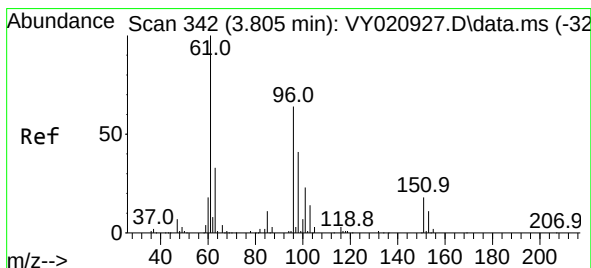
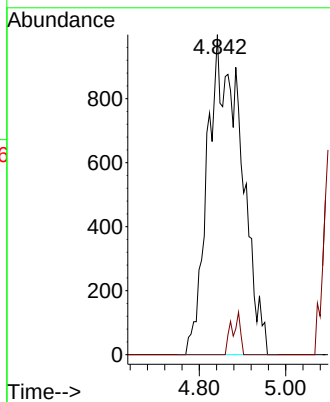
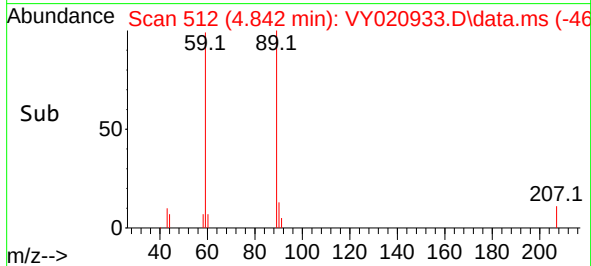
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



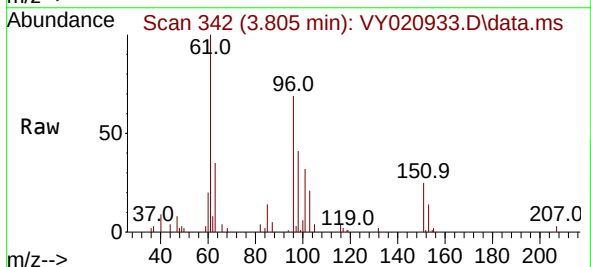
Tgt Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5

Manual Integrations
APPROVED

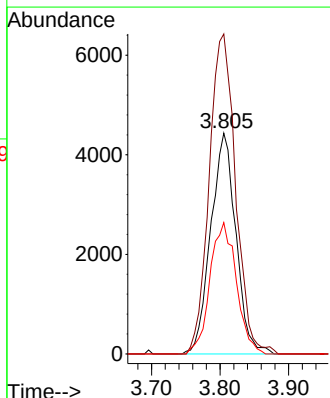
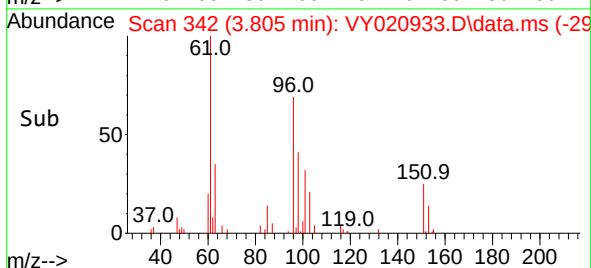
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

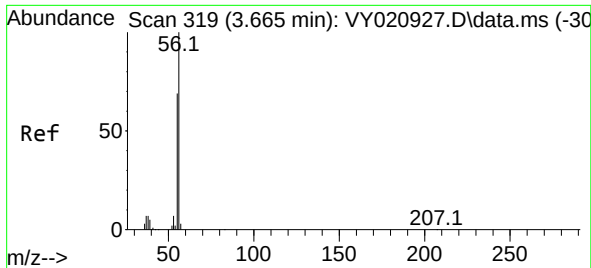


#12
1,1-Dichloroethene
Concen: 4.939 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



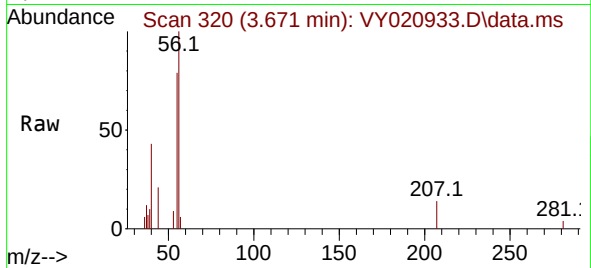
Tgt Ion: 96 Resp: 11301
Ion Ratio Lower Upper
96 100
61 145.0 124.5 186.7
98 59.5 50.5 75.7





#13
Acrolein
Concen: 18.708 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

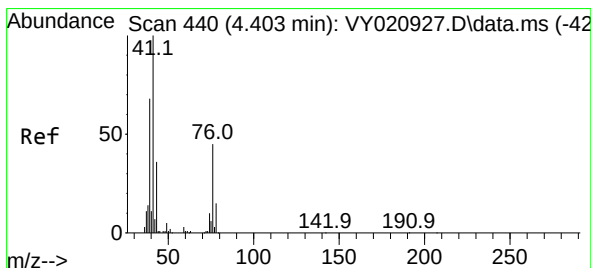
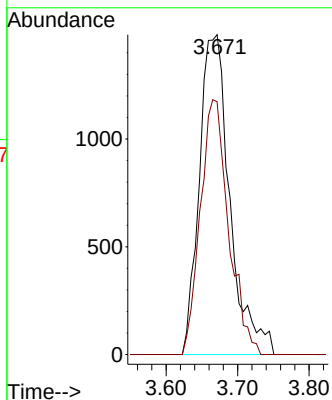
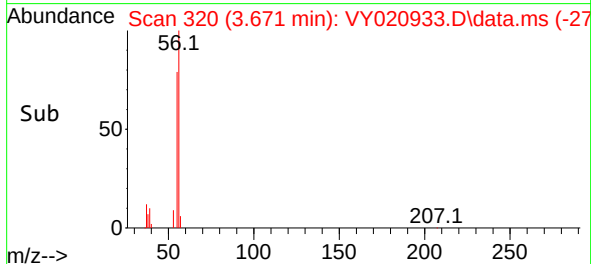
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 4400
Ion Ratio Lower Upper
56 100
55 73.8 54.6 81.8

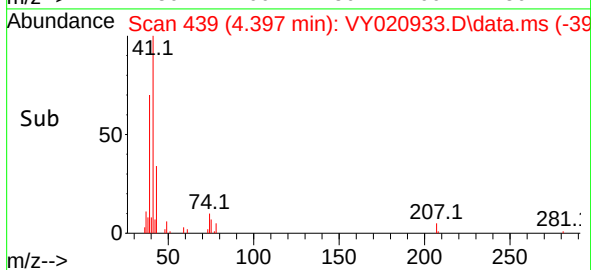
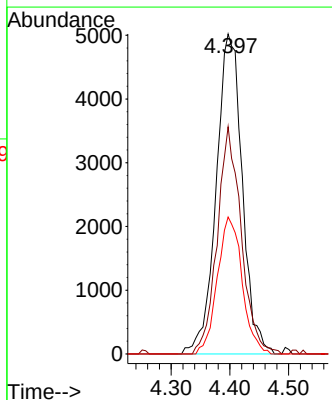
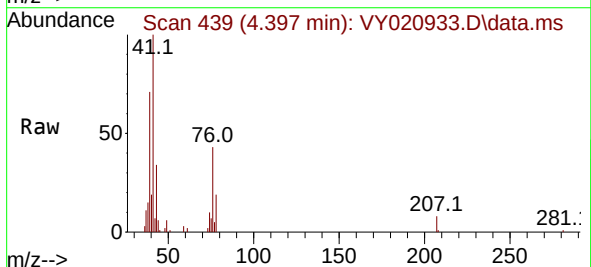
Manual Integrations
APPROVED

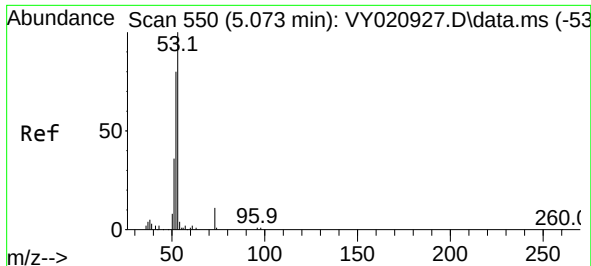
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#14
Allyl chloride
Concen: 4.834 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

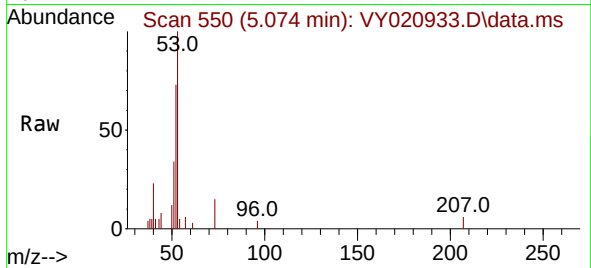
Tgt Ion: 41 Resp: 15437
Ion Ratio Lower Upper
41 100
39 65.6 53.8 80.6
76 40.7 34.2 51.4





#15
Acrylonitrile
Concen: 21.688 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

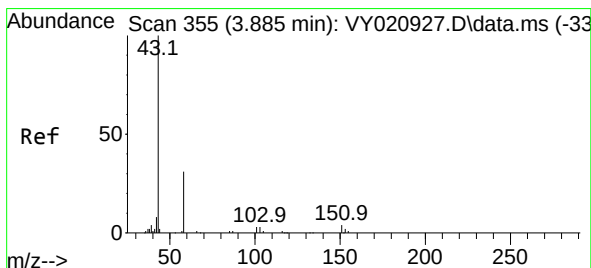
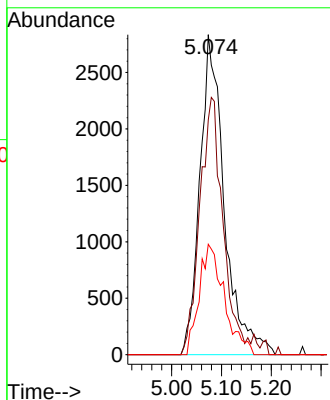
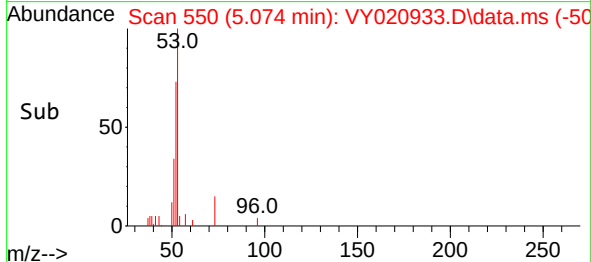
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 962
Ion Ratio Lower Upper
53 100
52 76.8 64.5 96.7
51 35.5 28.9 43.3

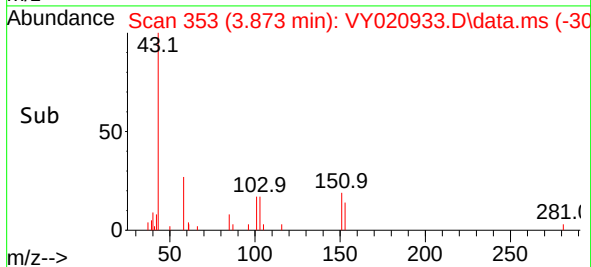
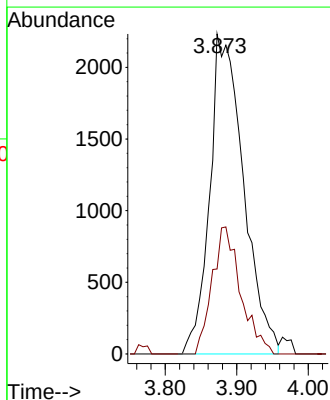
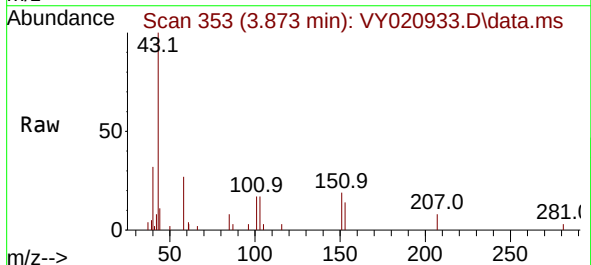
Manual Integrations
APPROVED

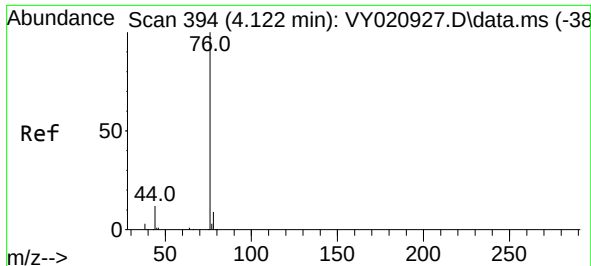
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#16
Acetone
Concen: 24.072 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.012 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

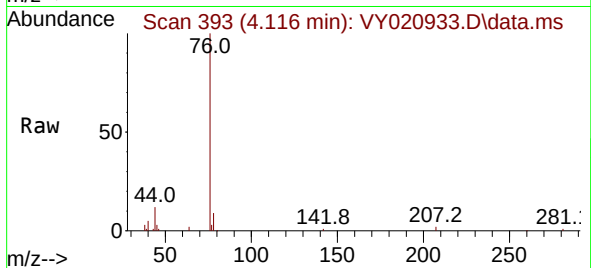
Tgt Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
58 26.6 25.6 38.4





#17
Carbon Disulfide
Concen: 4.936 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

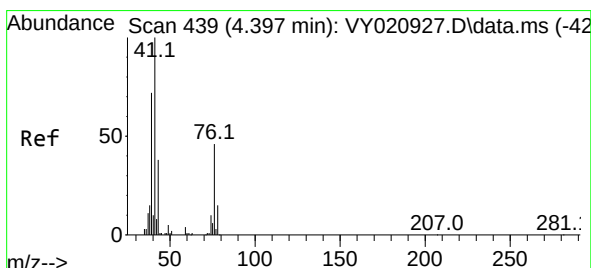
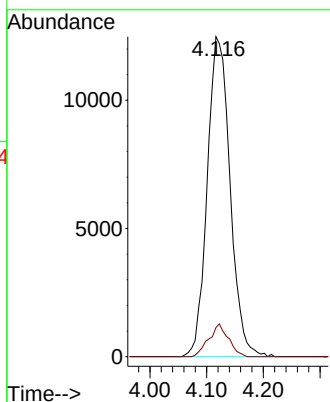
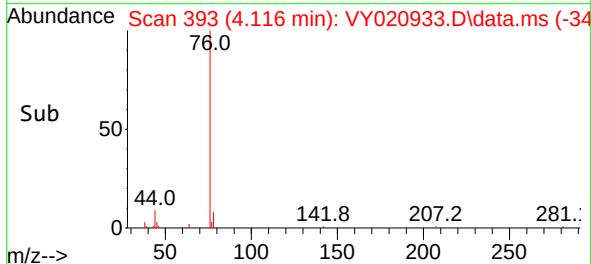
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 3487
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

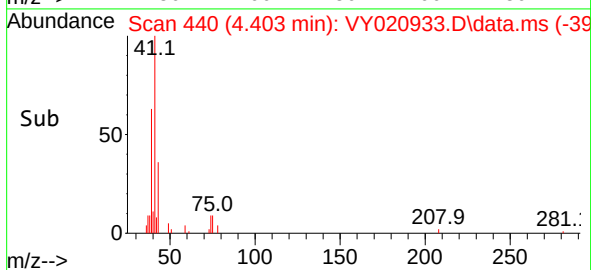
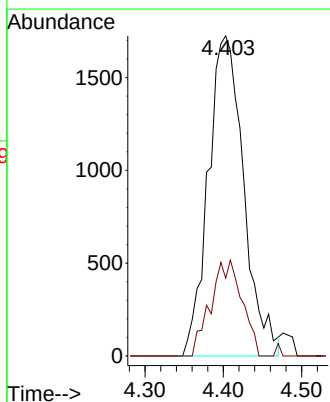
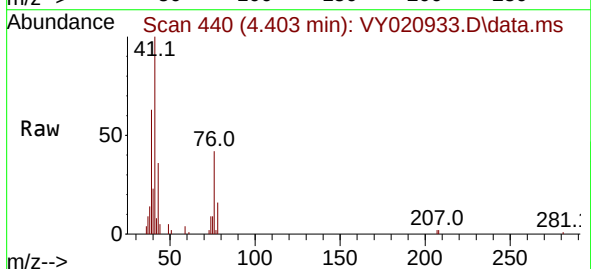
Manual Integrations
APPROVED

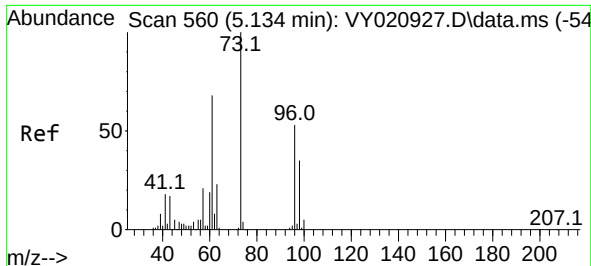
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#18
Methyl Acetate
Concen: 4.931 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

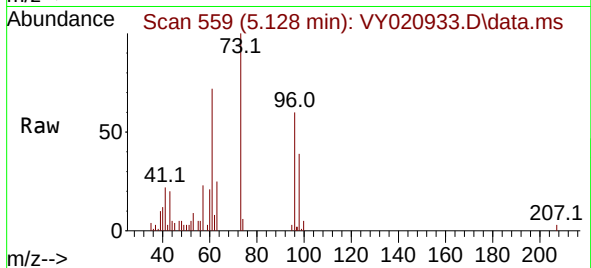
Tgt Ion: 43 Resp: 5424
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6





#19
Methyl tert-butyl Ether
Concen: 4.472 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

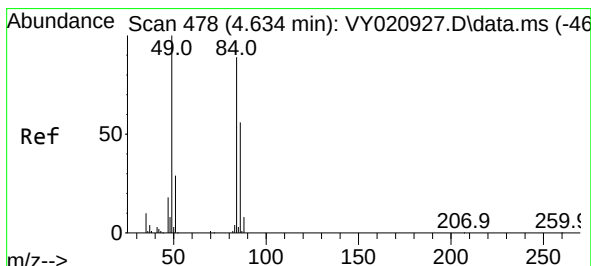
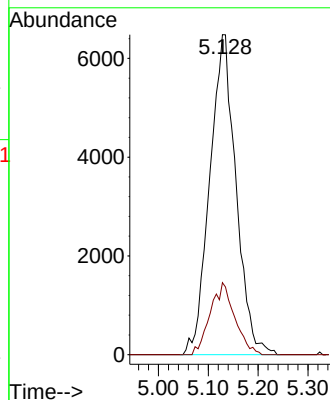
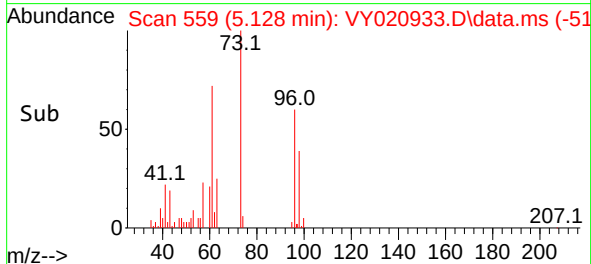
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



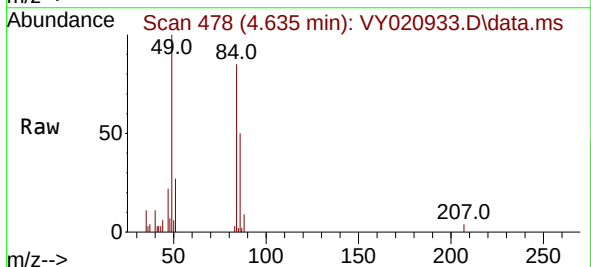
Tgt Ion: 73 Resp: 2369
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.6

Manual Integrations
APPROVED

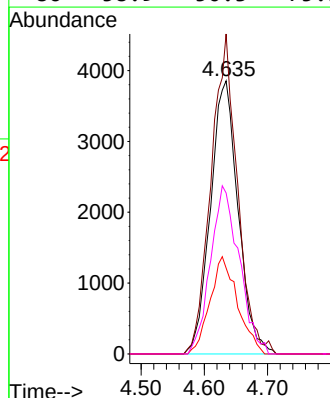
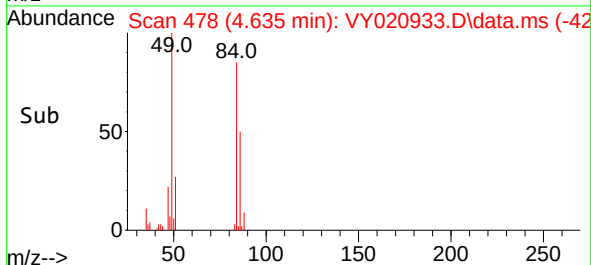
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

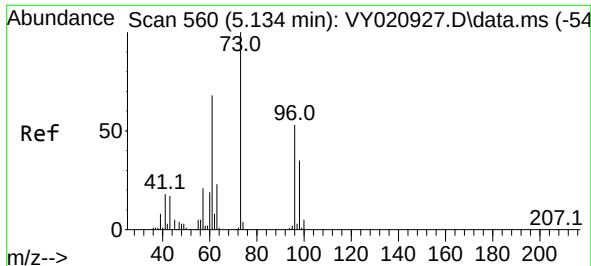


#20
Methylene Chloride
Concen: 5.162 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



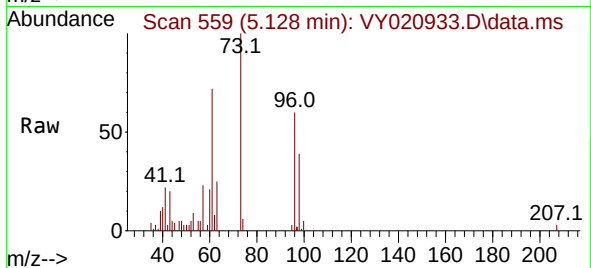
Tgt Ion: 84 Resp: 11691
Ion Ratio Lower Upper
84 100
49 117.2 90.3 135.5
51 31.4 26.6 39.8
86 58.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 5.032 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

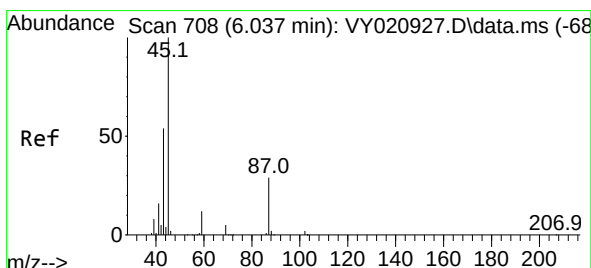
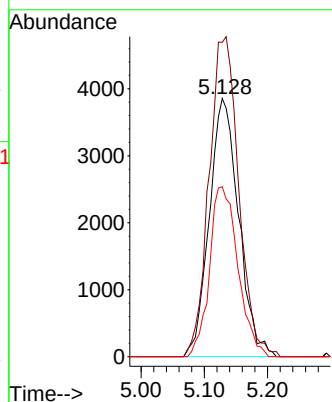
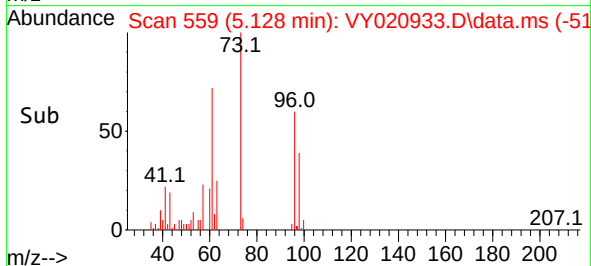
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



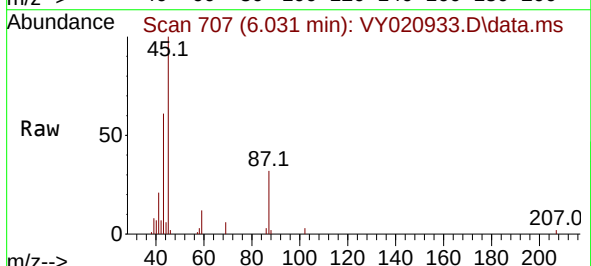
Tgt Ion: 96 Resp: 1241
Ion Ratio Lower Upper
96 100
61 121.8 102.4 153.6
98 65.8 52.0 78.0

Manual Integrations
APPROVED

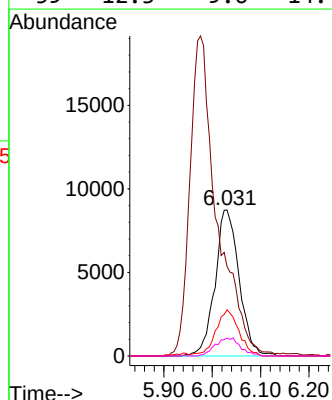
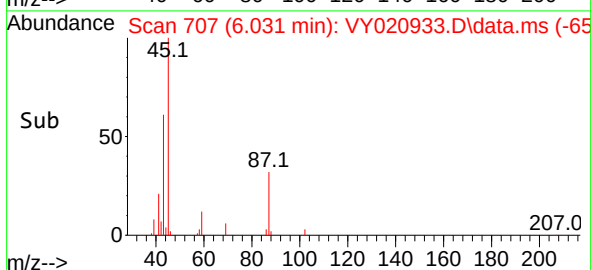
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

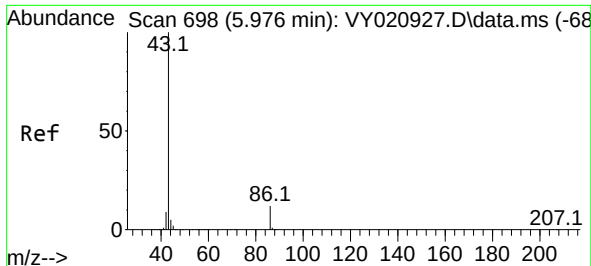


#22
Diisopropyl ether
Concen: 4.700 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



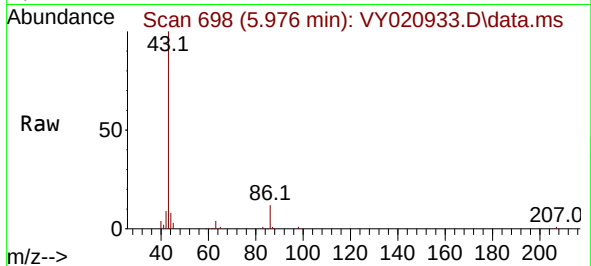
Tgt Ion: 45 Resp: 30193
Ion Ratio Lower Upper
45 100
43 59.8 43.2 64.8
87 31.6 23.4 35.0
59 12.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 21.011 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

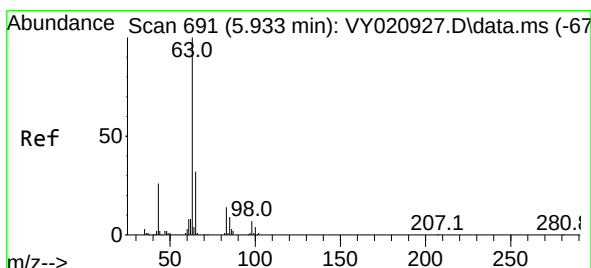
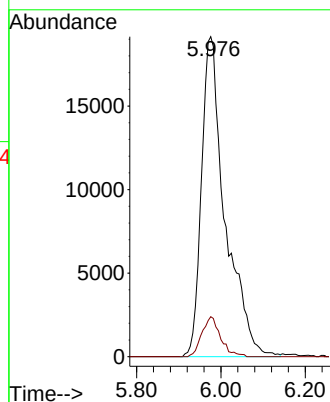
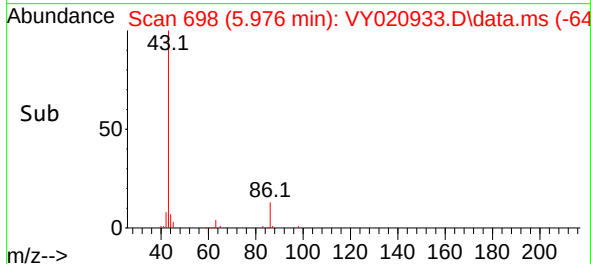
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



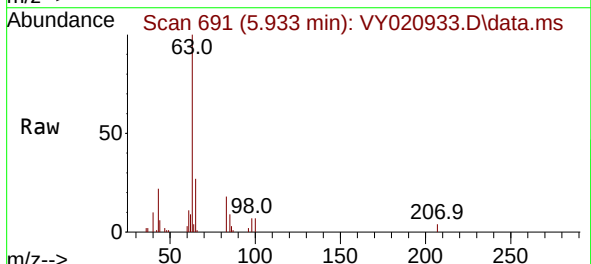
Tgt Ion: 43 Resp: 7469
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.6

Manual Integrations
 APPROVED

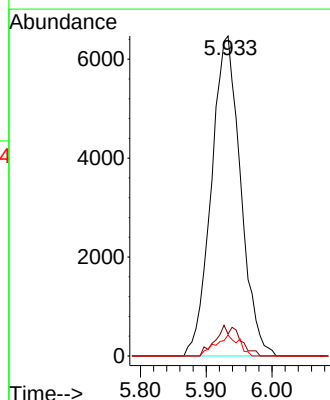
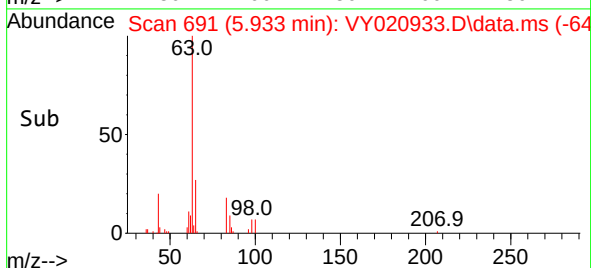
Reviewed By :Semsettin Yesilyurt 01/27/2025
 Supervised By :Mahesh Dadoda 01/27/2025

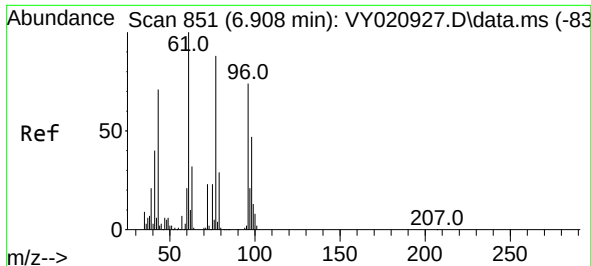


#24
 1,1-Dichloroethane
 Concen: 4.904 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21



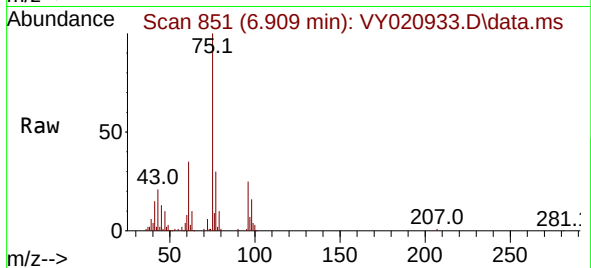
Tgt Ion: 63 Resp: 19970
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 6.6 2.3 6.8





#25
2-Butanone
Concen: 21.588 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

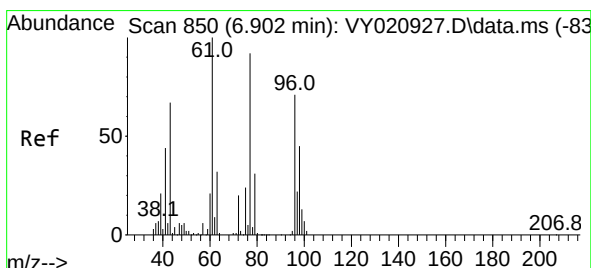
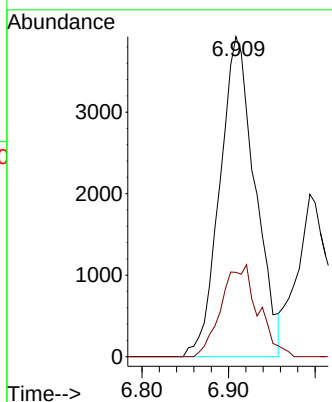
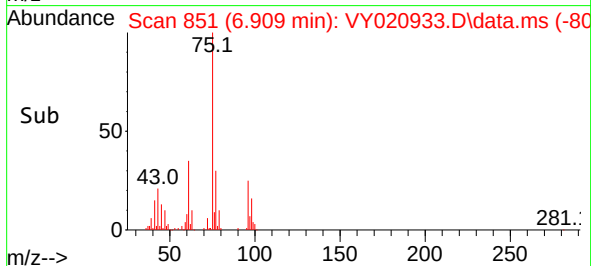
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



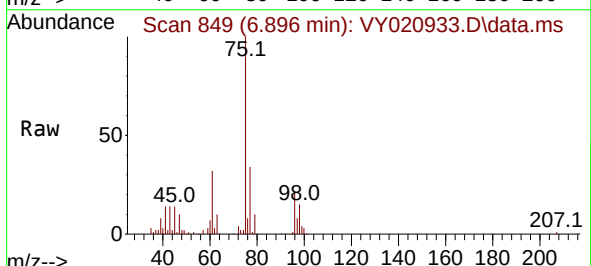
Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
72 26.4 25.8 38.8

Manual Integrations
APPROVED

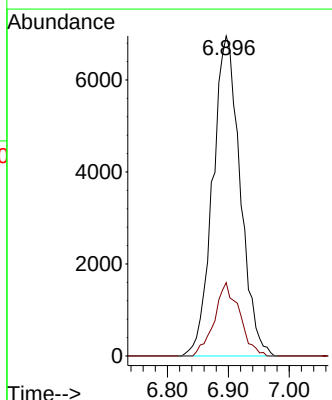
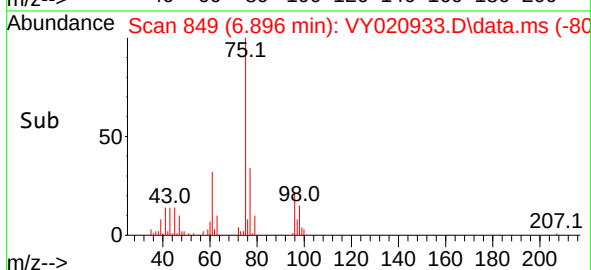
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

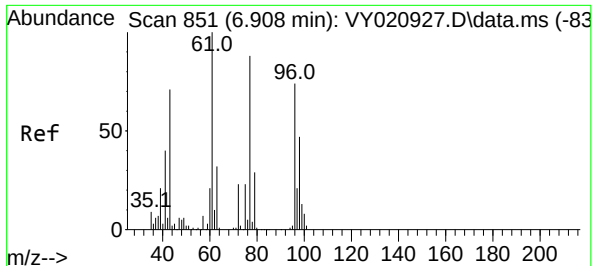


#26
2,2-Dichloropropane
Concen: 5.423 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



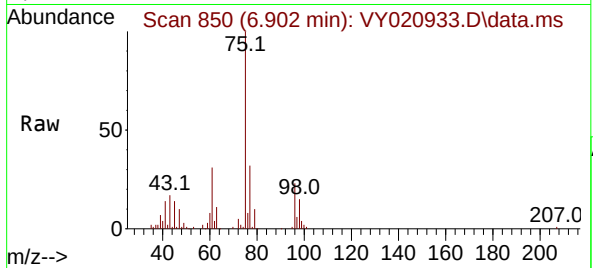
Tgt Ion: 77 Resp: 21750
Ion Ratio Lower Upper
77 100
97 21.0 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.925 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.006 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

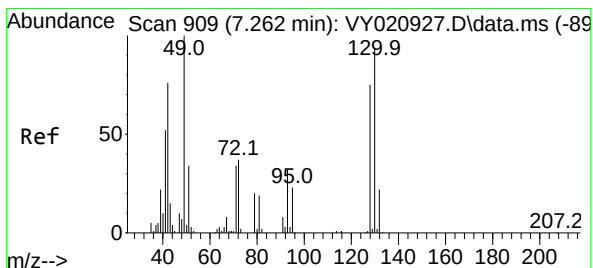
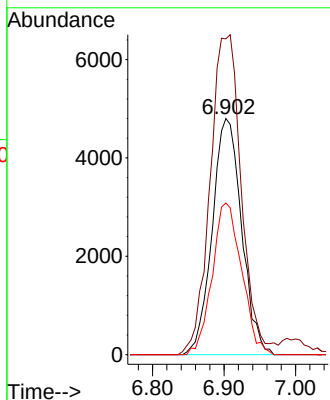
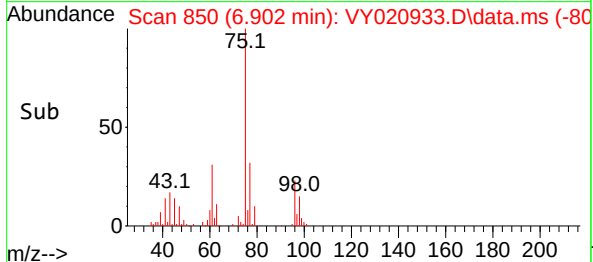
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 1371
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 275.2
 98 64.3 0.0 129.6

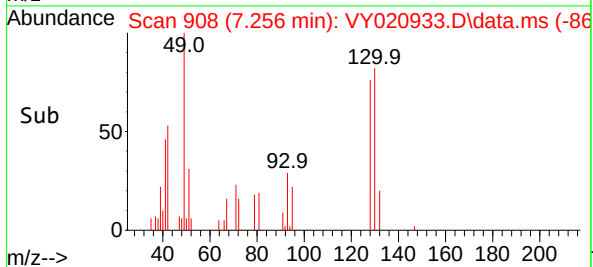
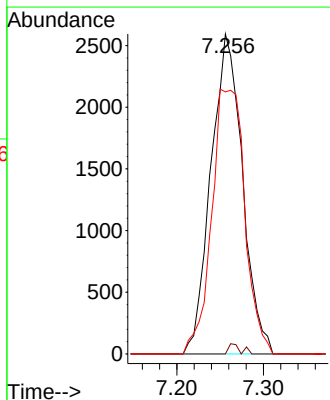
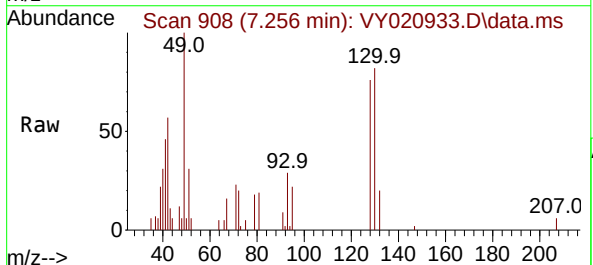
Manual Integrations
 APPROVED

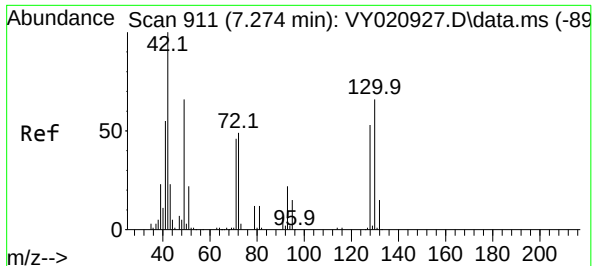
Reviewed By :Semsettin Yesilyurt 01/27/2025
 Supervised By :Mahesh Dadoda 01/27/2025



#28
 Bromochloromethane
 Concen: 3.999 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

Tgt Ion: 49 Resp: 6553
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 86.8 72.6 109.0





#29

Tetrahydrofuran

Concen: 20.459 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

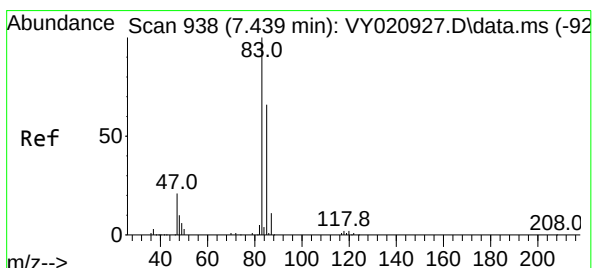
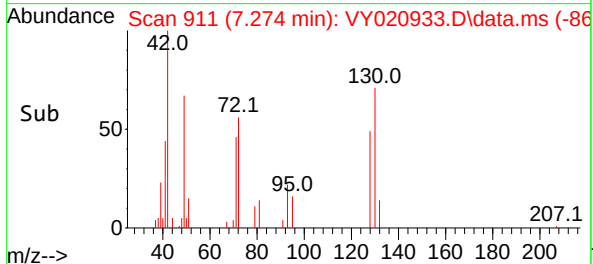
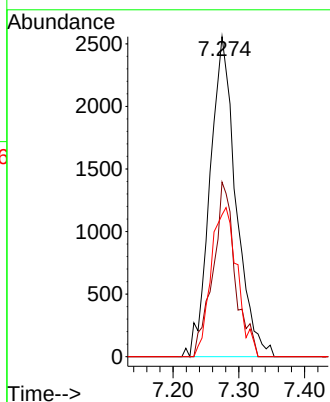
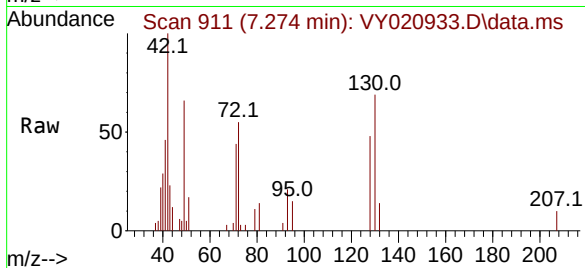
VSTDICC005

Tgt Ion:	42	Resp:	703
Ion	Ratio	Lower	Upper
42	100		
72	46.7	38.8	58.2
71	47.0	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#30

Chloroform

Concen: 4.964 ug/l

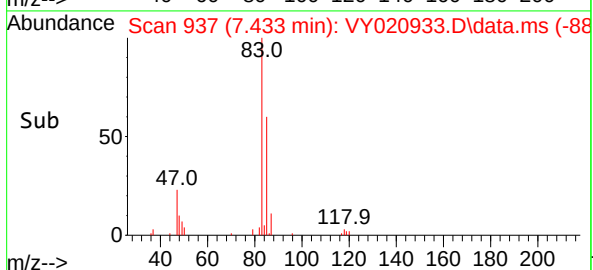
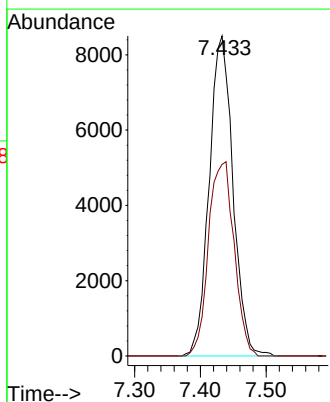
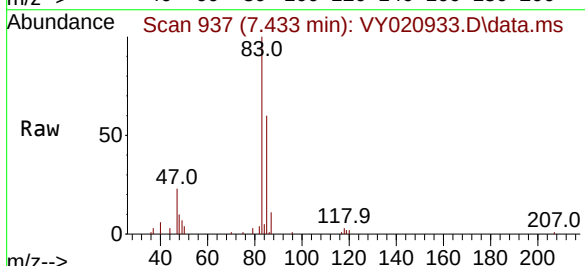
RT: 7.433 min Scan# 937

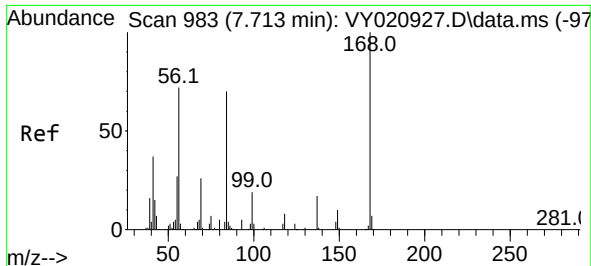
Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

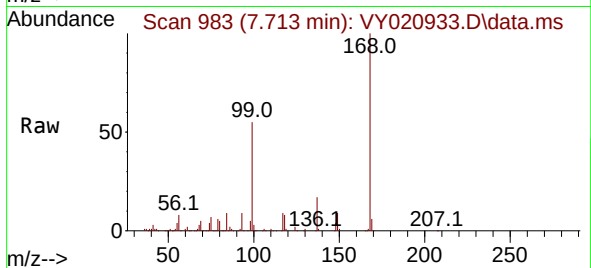
Tgt Ion:	83	Resp:	21395
Ion	Ratio	Lower	Upper
83	100		
85	59.9	53.0	79.4





#31
Cyclohexane
Concen: 5.756 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

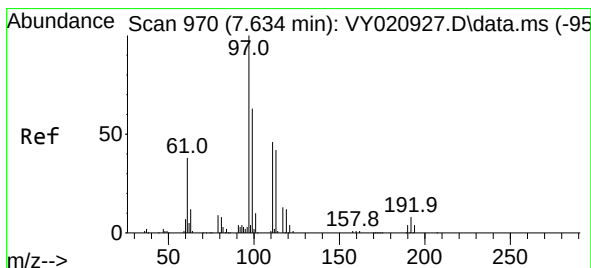
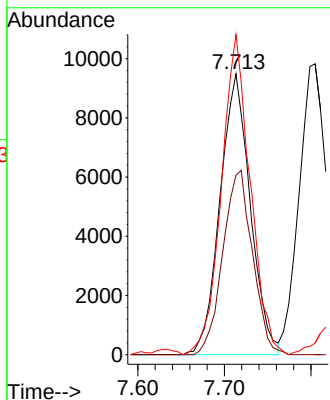
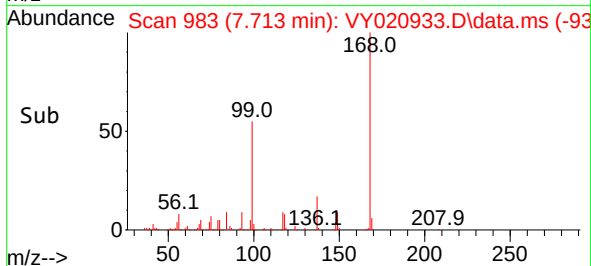
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 23030
Ion Ratio Lower Upper
56 100
69 63.9 28.7 43.1
84 112.9 77.4 116.0

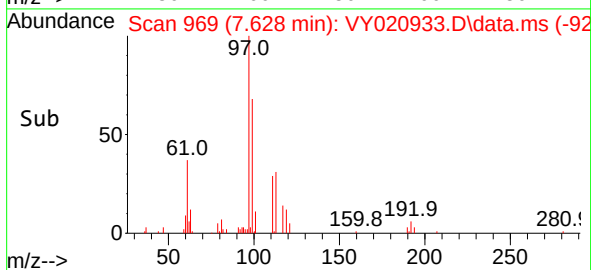
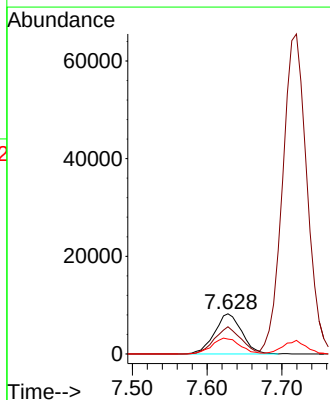
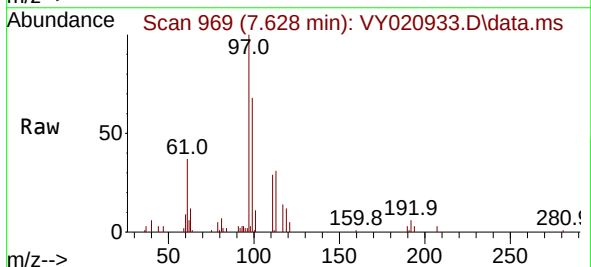
Manual Integrations
APPROVED

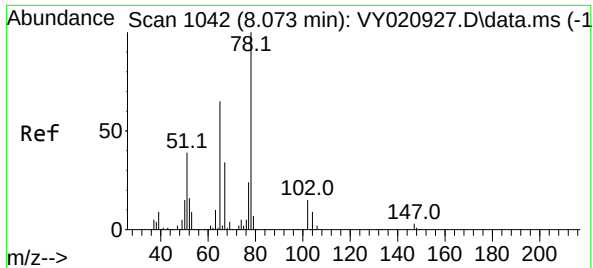
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#32
1,1,1-Trichloroethane
Concen: 4.973 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 97 Resp: 20789
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 40.7 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 4.737 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 10640

Ion Ratio Lower Upper

65 100

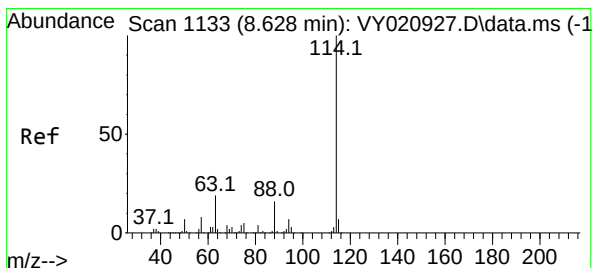
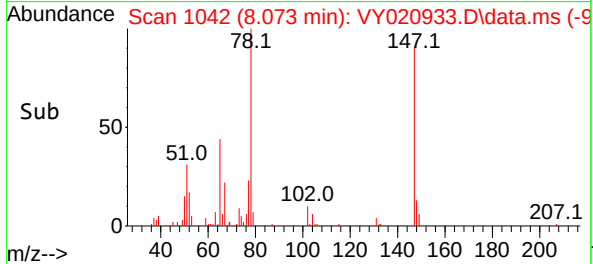
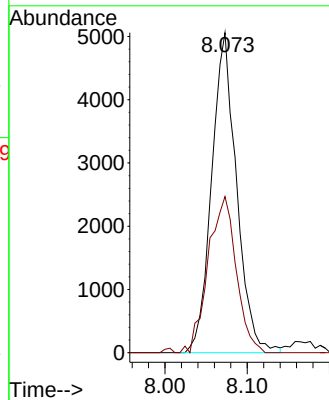
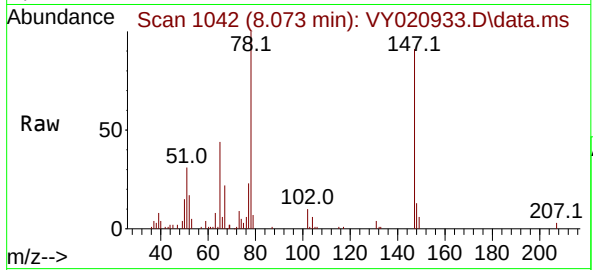
67 54.9 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025

Supervised By :Mahesh Dadoda 01/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

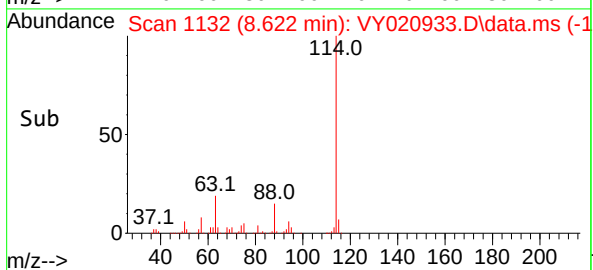
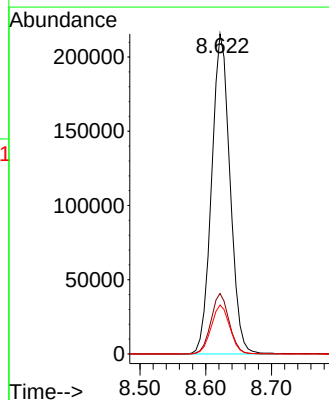
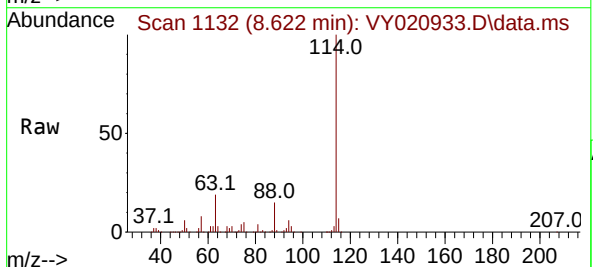
Tgt Ion:114 Resp: 419828

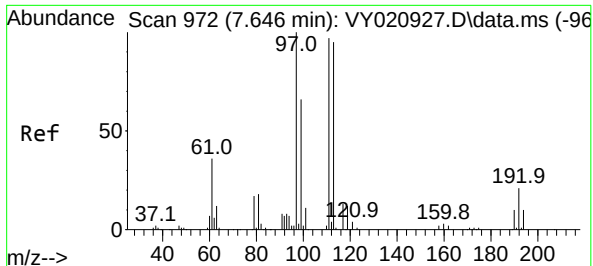
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

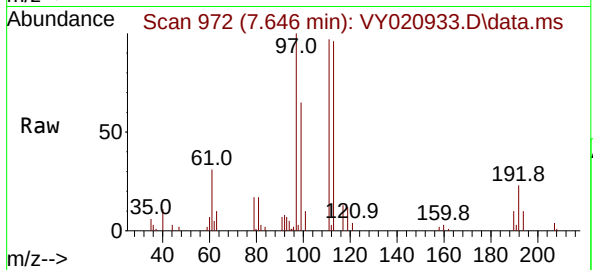
88 15.3 0.0 31.6





#35
Dibromofluoromethane
Concen: 4.600 ug/l
RT: 7.646 min Scan# 912
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

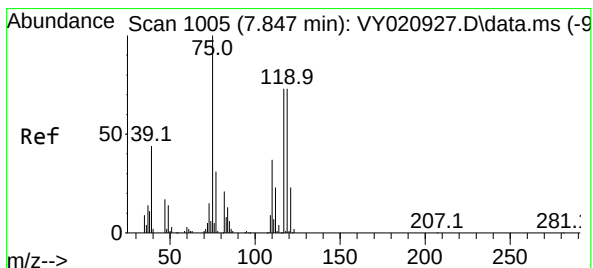
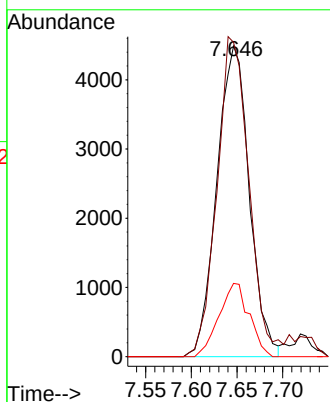
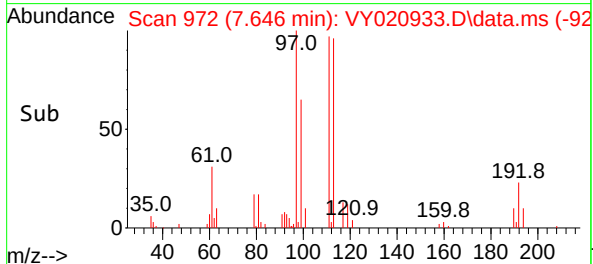
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



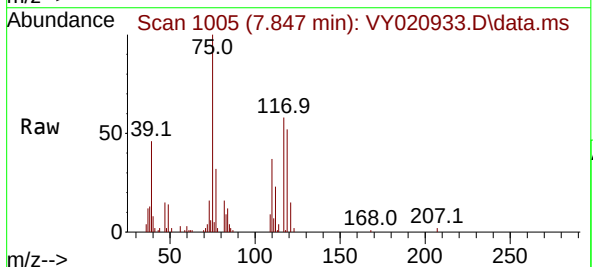
Tgt Ion: 113 Resp: 1108
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 21.9 17.4 26.2

Manual Integrations
APPROVED

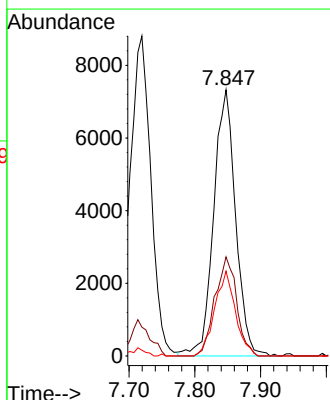
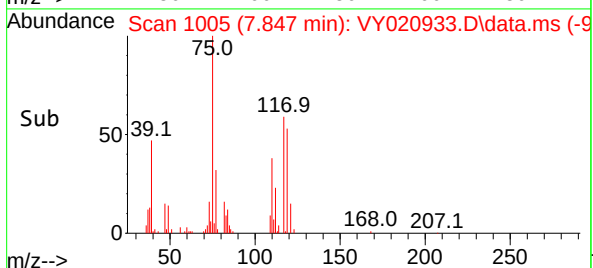
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

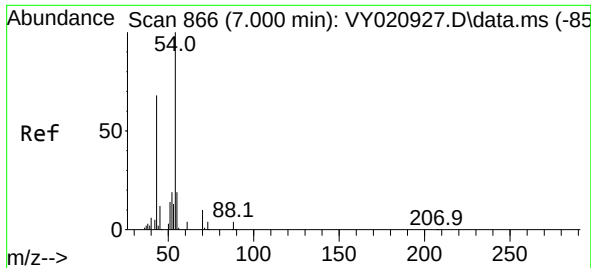


#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



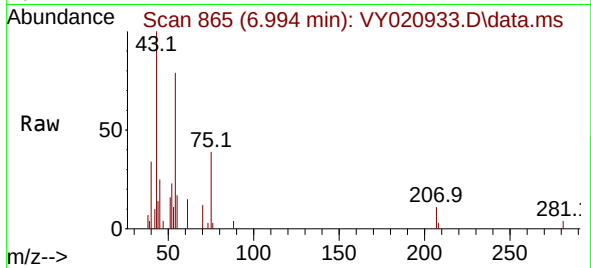
Tgt Ion: 75 Resp: 17019
Ion Ratio Lower Upper
75 100
110 36.7 18.5 55.5
77 30.2 25.0 37.4





#37
Ethyl Acetate
Concen: 4.391 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

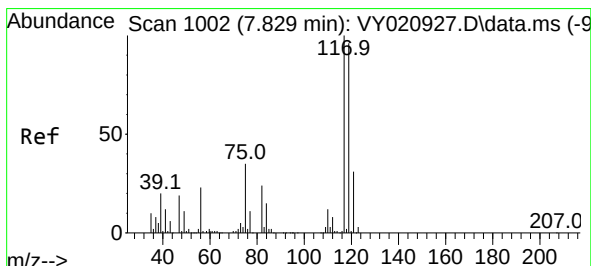
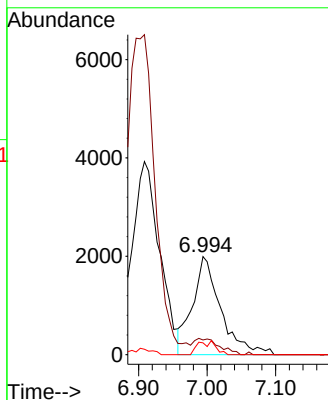
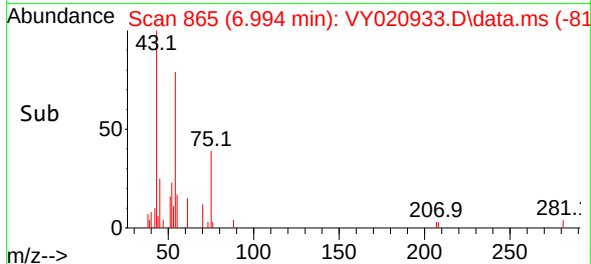
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 8.7 9.5 14.3

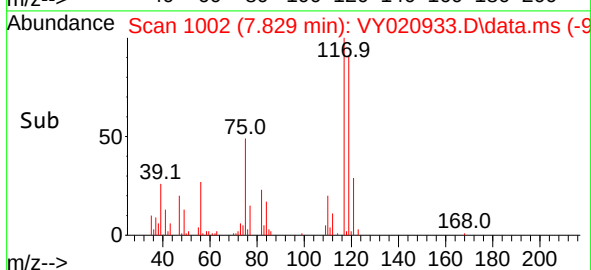
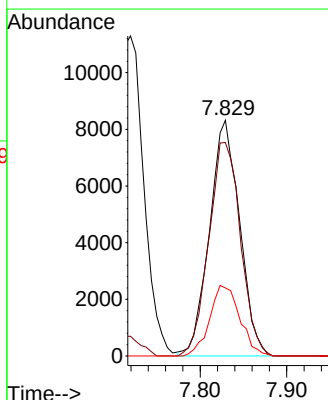
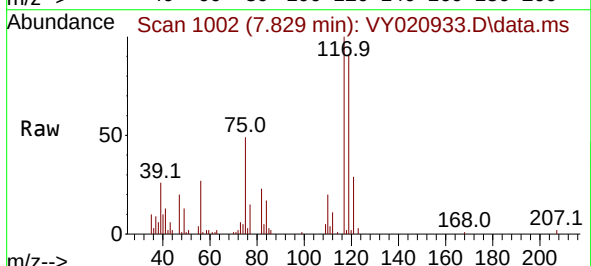
Manual Integrations
APPROVED

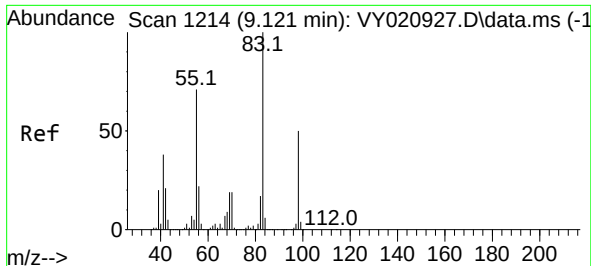
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#38
Carbon Tetrachloride
Concen: 4.958 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

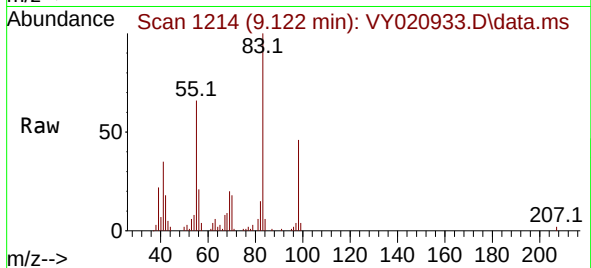
Tgt Ion:117 Resp: 20118
Ion Ratio Lower Upper
117 100
119 90.6 76.5 114.7
121 28.9 25.0 37.4





#39
Methylcyclohexane
Concen: 4.830 ug/l
RT: 9.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

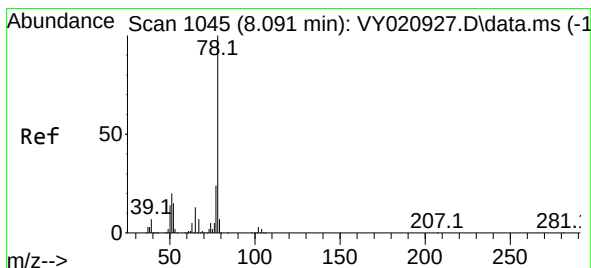
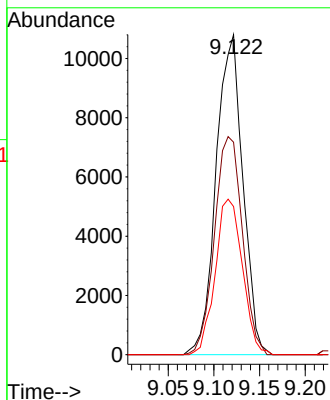
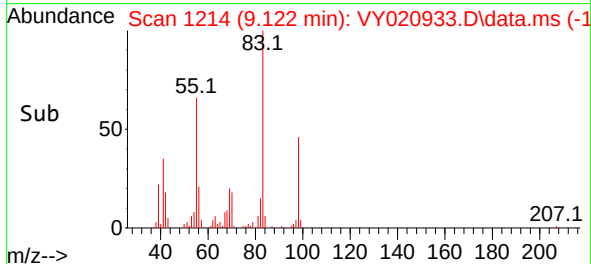
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



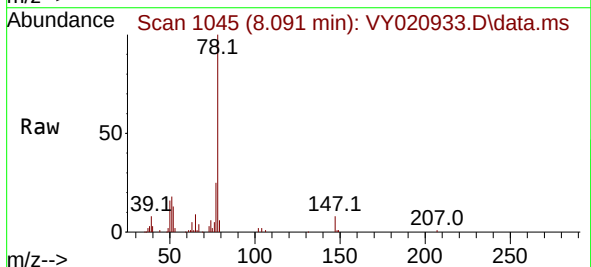
Tgt Ion: 83 Resp: 2200
Ion Ratio Lower Upper
83 100
55 66.4 57.0 85.4
98 46.3 40.1 60.1

Manual Integrations
APPROVED

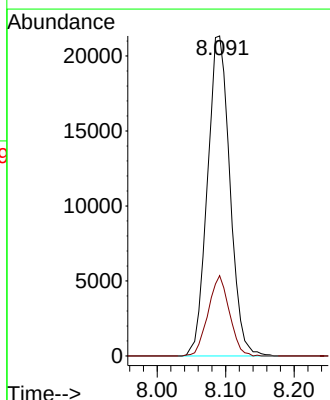
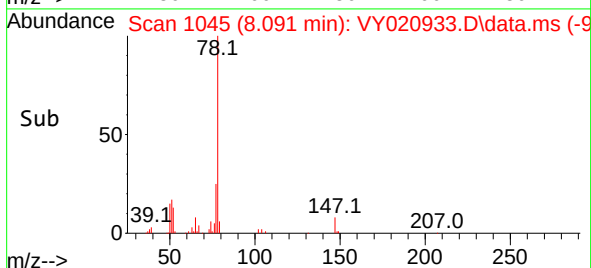
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

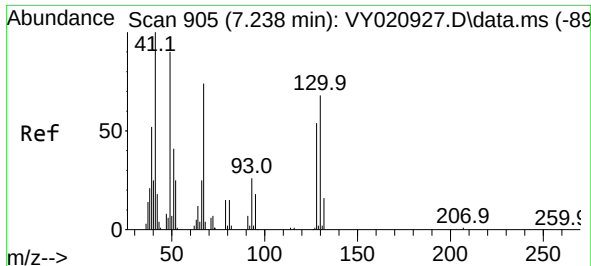


#40
Benzene
Concen: 4.915 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



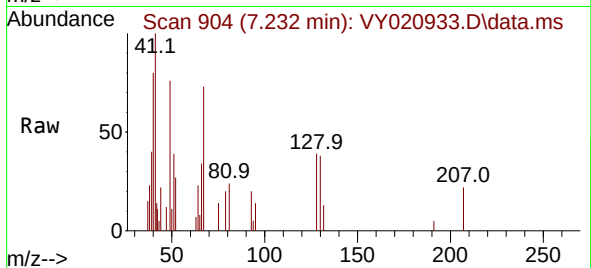
Tgt Ion: 78 Resp: 48520
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6





#41
Methacrylonitrile
Concen: 3.900 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

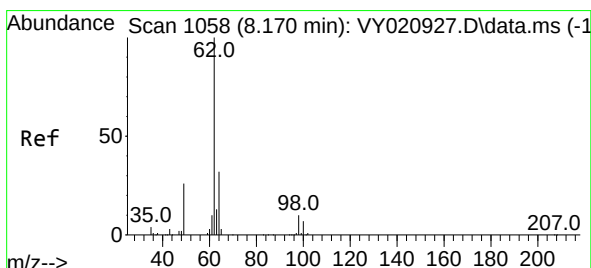
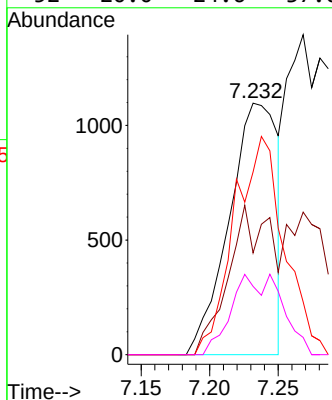
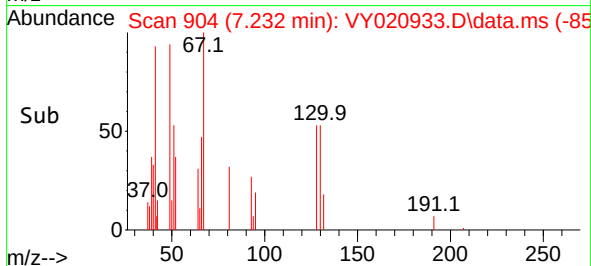
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 2690
Ion Ratio Lower Upper
41 100
39 52.8 46.4 69.6
67 89.6 66.7 100.1
52 20.0 24.6 37.0#

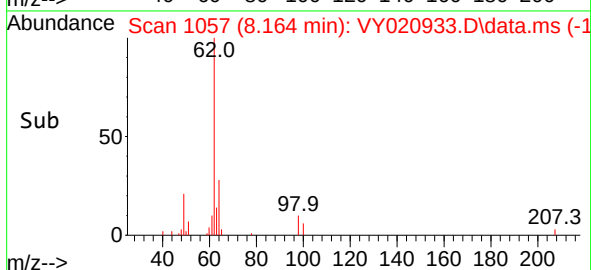
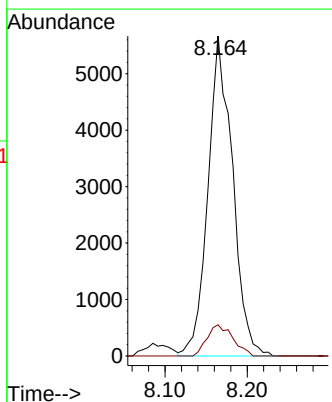
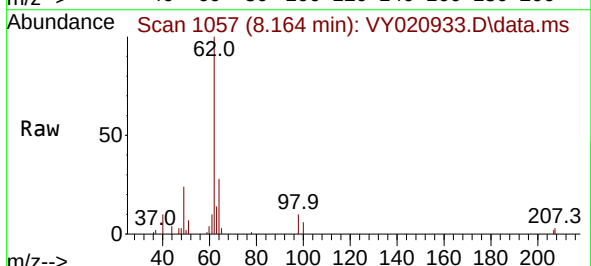
Manual Integrations
APPROVED

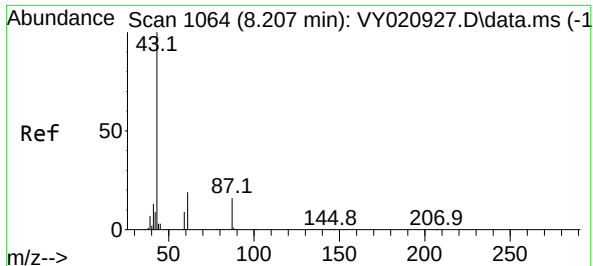
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#42
1,2-Dichloroethane
Concen: 4.798 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 62 Resp: 11785
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 3.996 ug/l

RT: 8.207 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

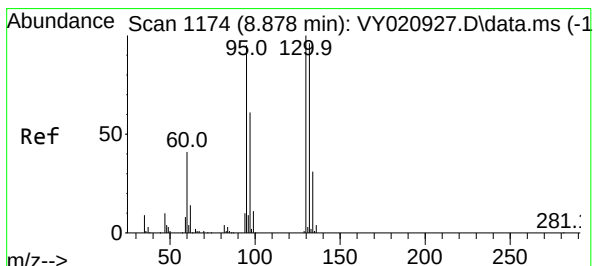
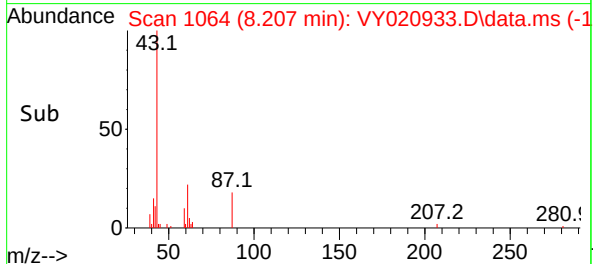
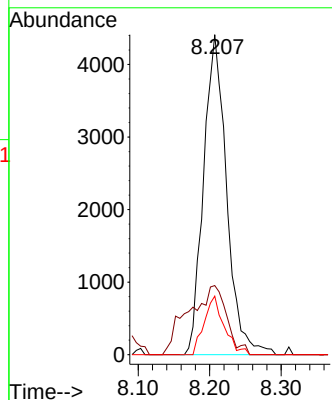
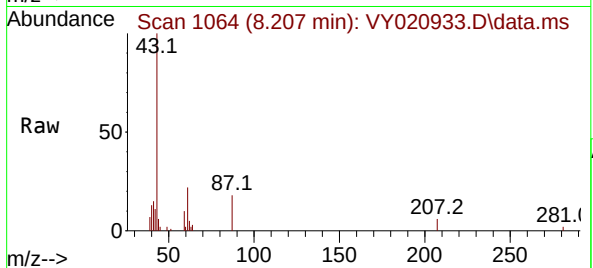
VSTDIC005

Tgt Ion: 43	Resp: 989
Ion Ratio	Lower Upper
43 100	
61 35.8	26.0 39.0
87 15.8	12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#44

Trichloroethene

Concen: 4.841 ug/l

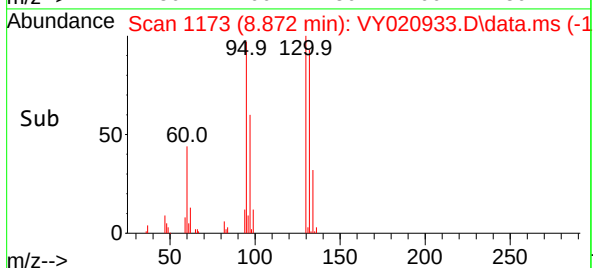
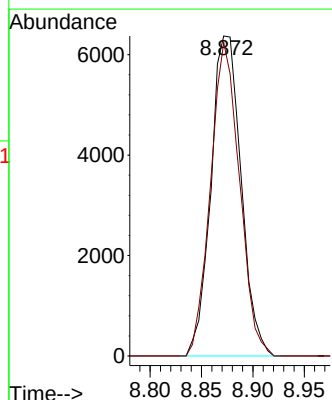
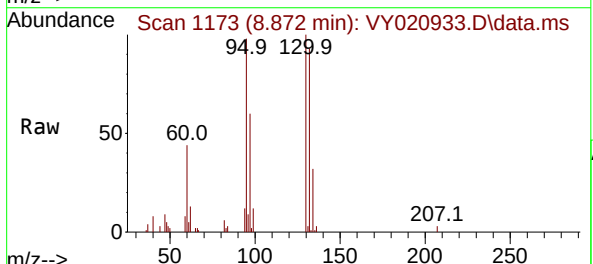
RT: 8.872 min Scan# 1173

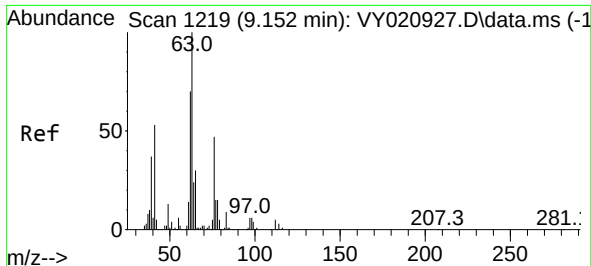
Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Tgt Ion:130	Resp: 12984
Ion Ratio	Lower Upper
130 100	
95 98.0	0.0 189.4





#45

1,2-Dichloropropane

Concen: 4.741 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1033

Ion Ratio Lower Upper

63 100

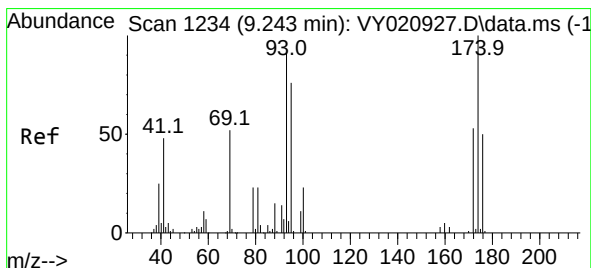
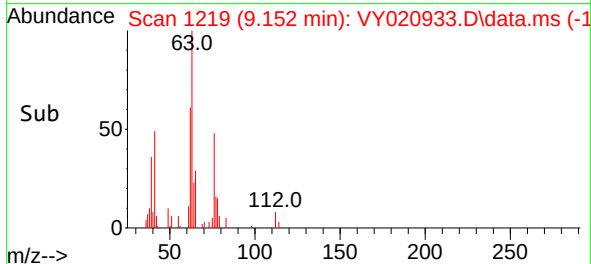
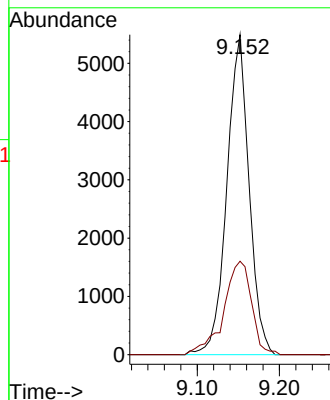
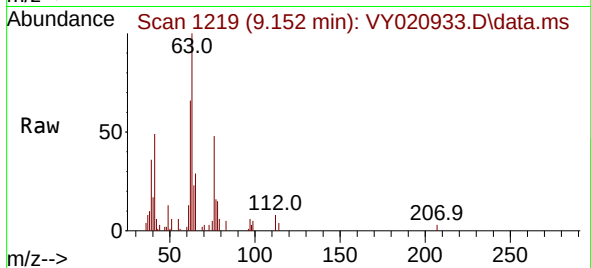
65 29.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025

Supervised By :Mahesh Dadoda 01/27/2025



#46

Dibromomethane

Concen: 4.466 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

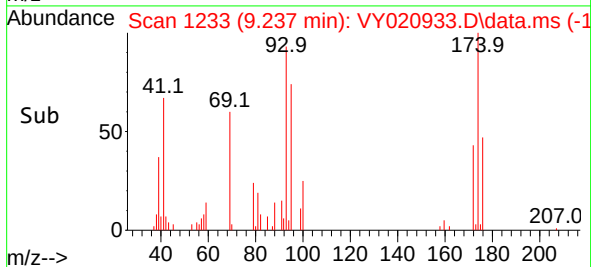
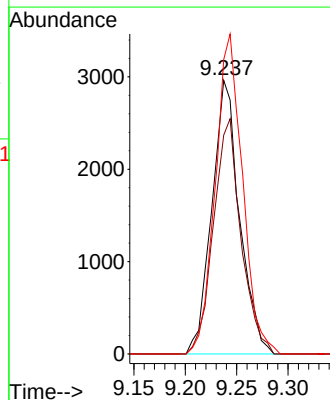
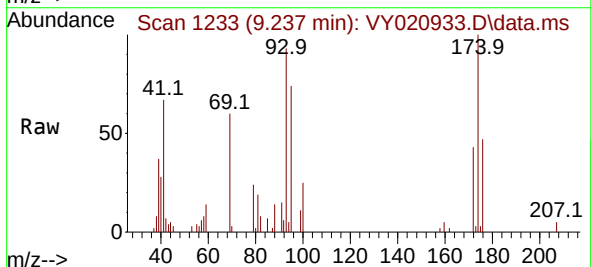
Tgt Ion: 93 Resp: 5533

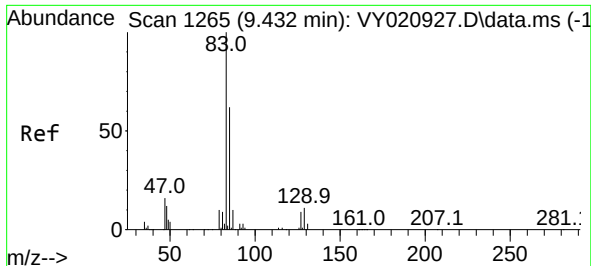
Ion Ratio Lower Upper

93 100

95 85.5 66.2 99.2

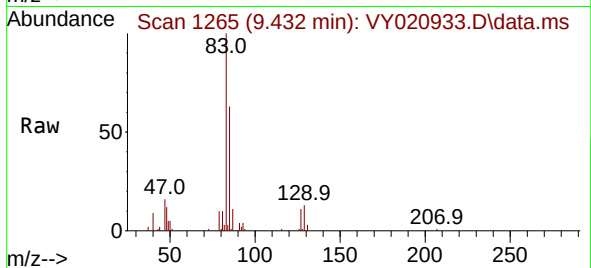
174 115.0 87.0 130.4





#47
Bromodichloromethane
Concen: 4.721 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

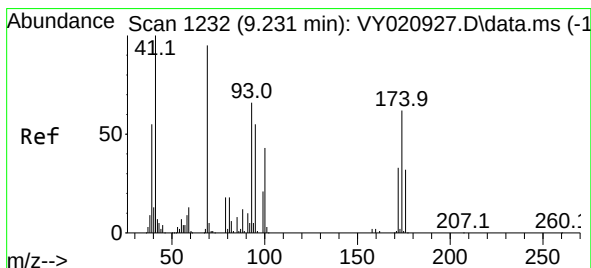
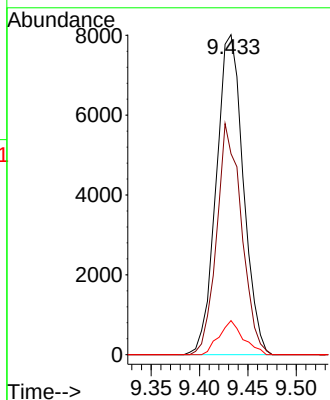
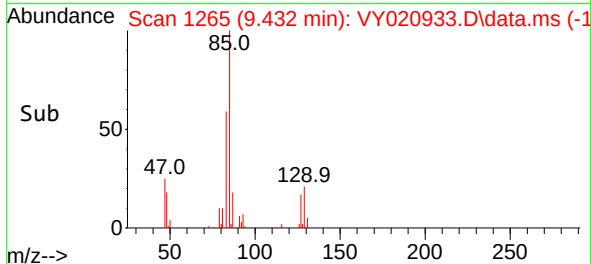
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 1556
Ion Ratio Lower Upper
83 100
85 62.8 49.3 73.9
127 10.6 7.4 11.0

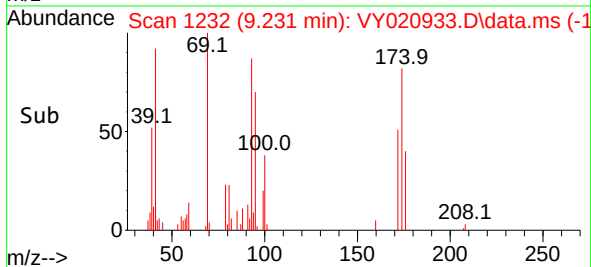
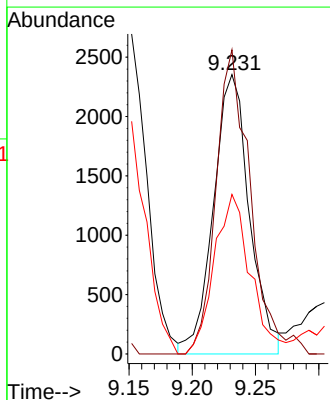
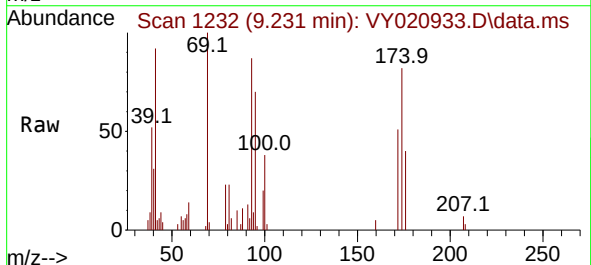
Manual Integrations
APPROVED

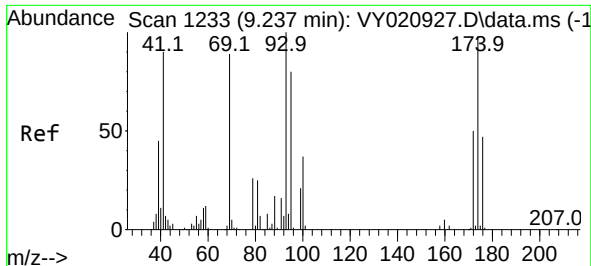
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#48
Methyl methacrylate
Concen: 3.973 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

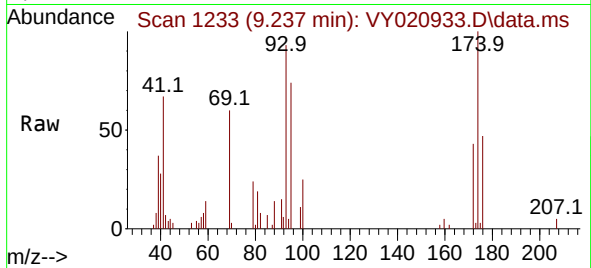
Tgt Ion: 41 Resp: 4640
Ion Ratio Lower Upper
41 100
69 104.1 77.0 115.4
39 57.7 41.1 61.7





#49
1,4-Dioxane
Concen: 85.374 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

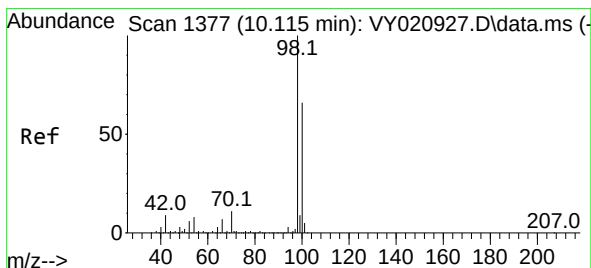
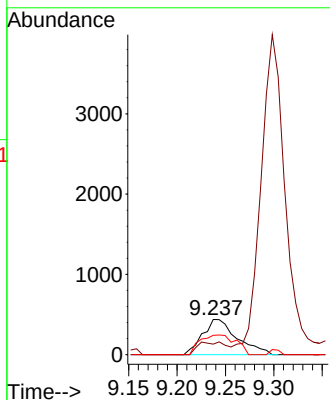
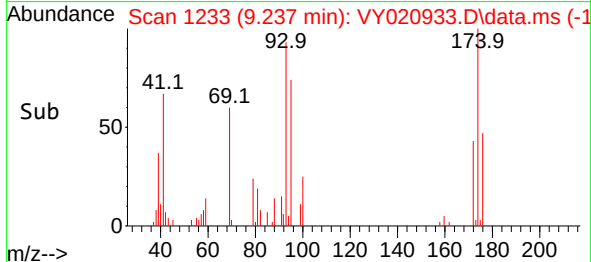
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



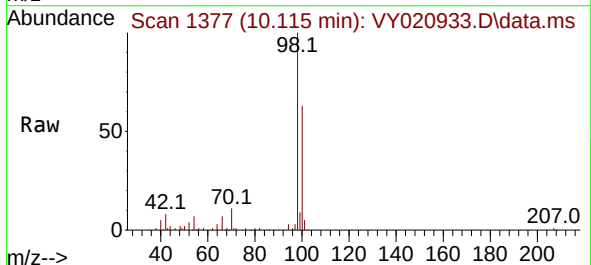
Tgt Ion: 88 Resp: 1089
Ion Ratio Lower Upper
88 100
43 30.0 23.1 34.7
58 57.9 49.0 73.6

Manual Integrations
APPROVED

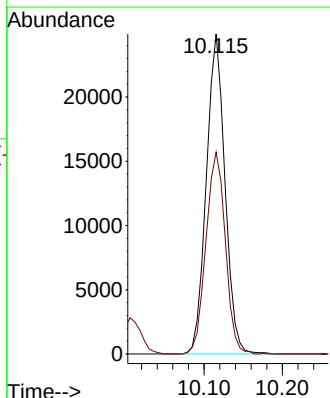
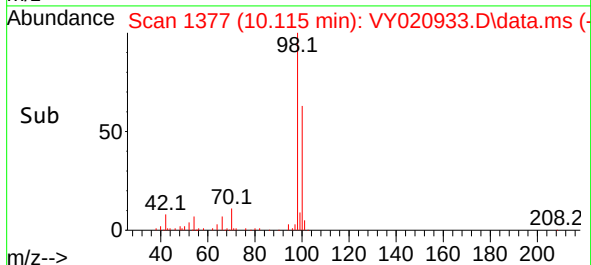
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

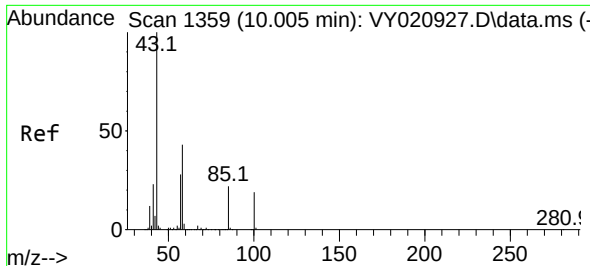


#50
Toluene-d8
Concen: 4.405 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



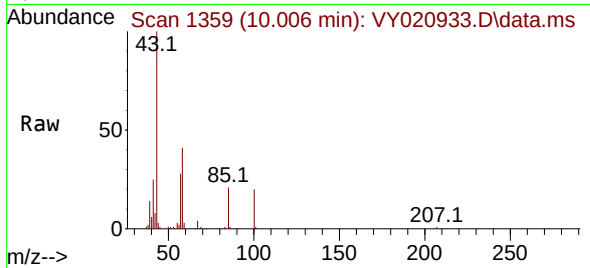
Tgt Ion: 98 Resp: 41178
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 20.253 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

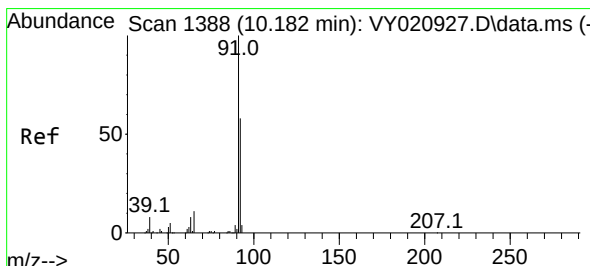
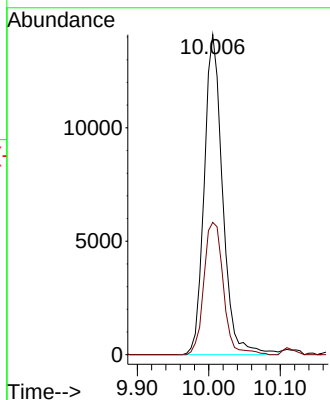
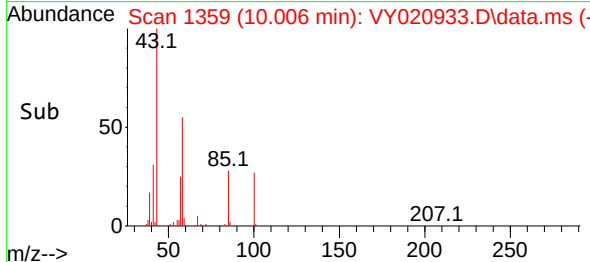
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2528
Ion Ratio Lower Upper
43 100
58 43.6 33.7 50.5

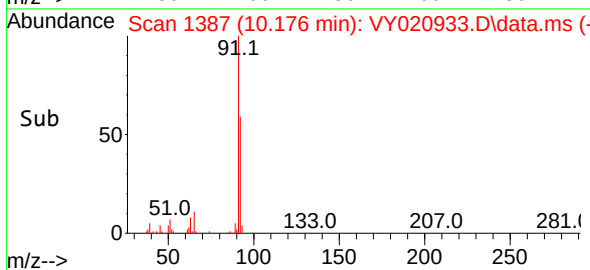
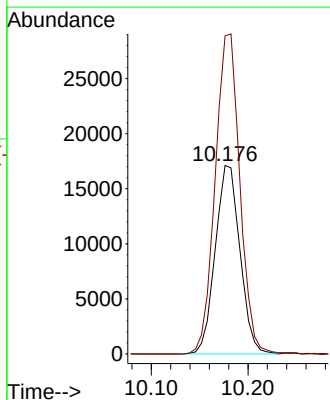
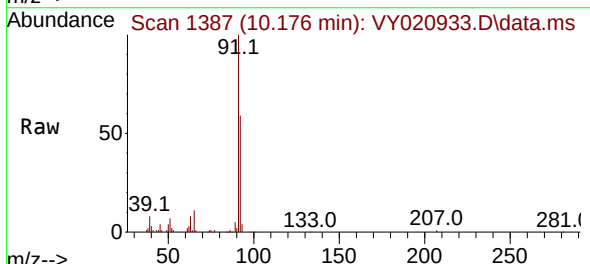
Manual Integrations
APPROVED

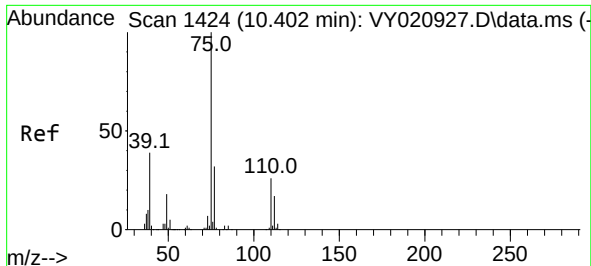
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#52
Toluene
Concen: 4.772 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

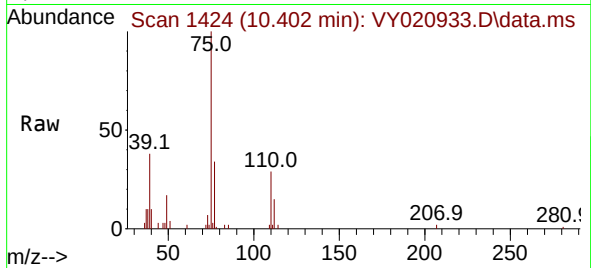
Tgt Ion: 92 Resp: 30300
Ion Ratio Lower Upper
92 100
91 170.0 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 4.336 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

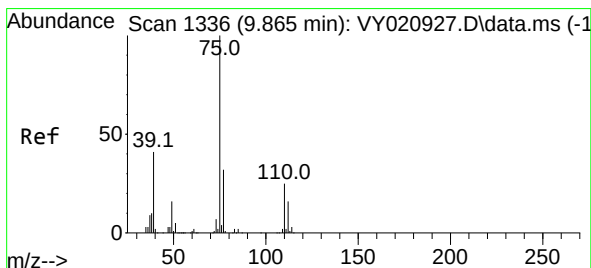
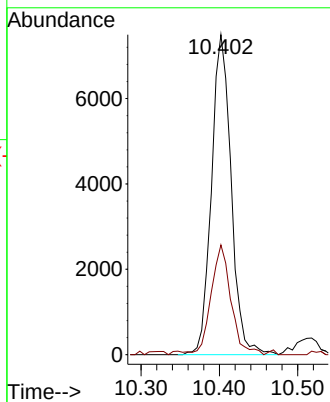
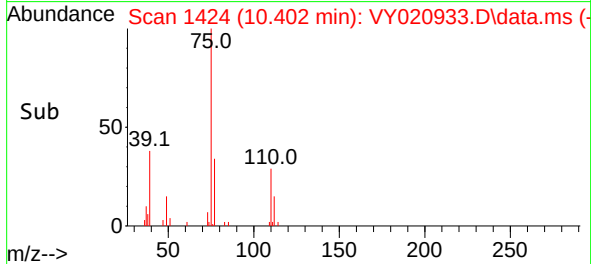
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 13104
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.4 38.2

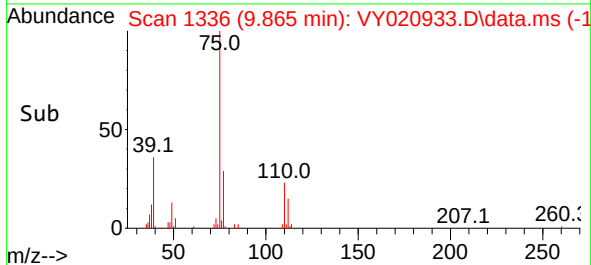
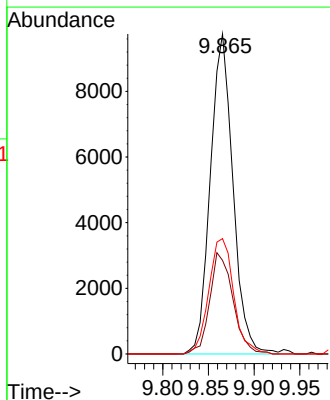
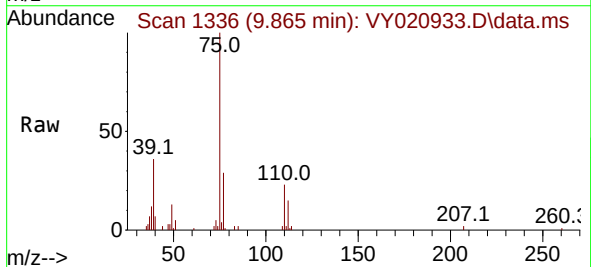
Manual Integrations
 APPROVED

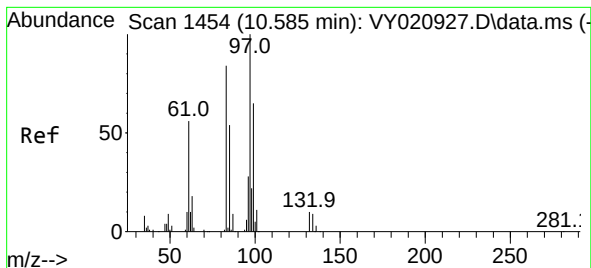
Reviewed By :Semsettin Yesilyurt 01/27/2025
 Supervised By :Mahesh Dadoda 01/27/2025



#54
 cis-1,3-Dichloropropene
 Concen: 4.639 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.000 min
 Lab File: VY020933.D
 Acq: 24 Jan 2025 16:21

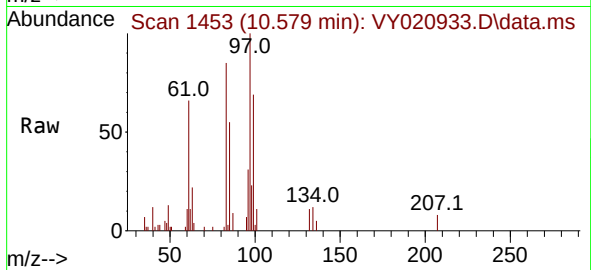
Tgt Ion: 75 Resp: 16741
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.7 38.5
 39 36.1 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 4.727 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

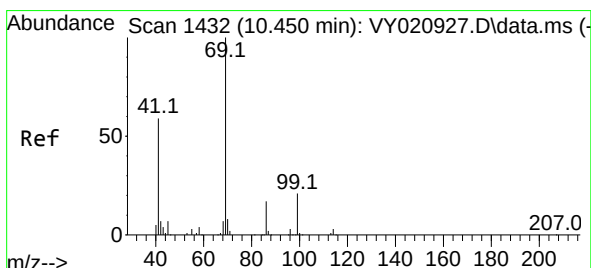
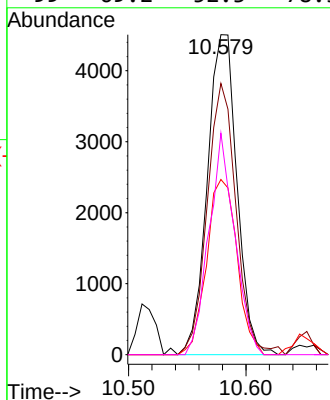
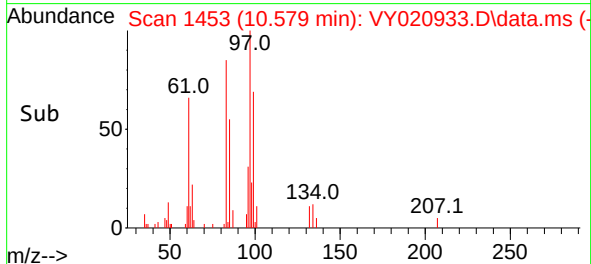
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.0	100.6
85	54.7	43.1	64.7
99	69.2	52.3	78.5

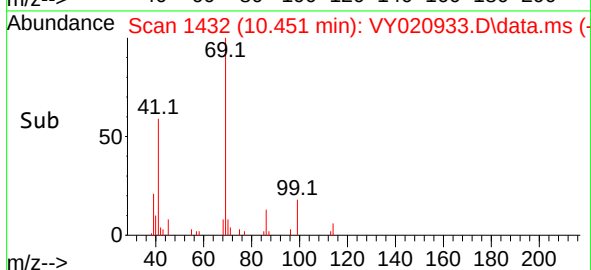
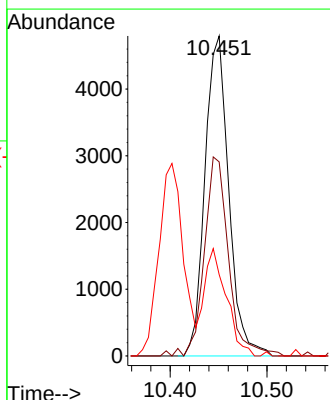
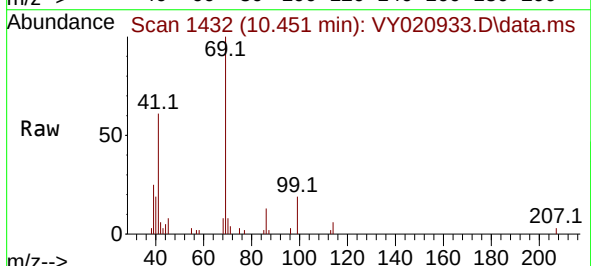
Manual Integrations
APPROVED

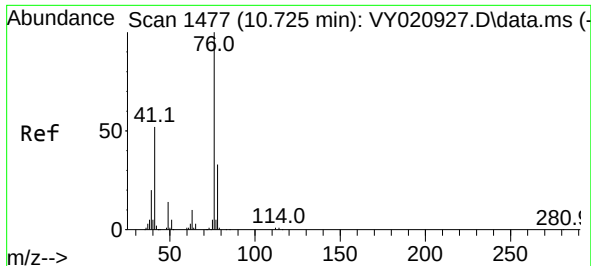
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#56
Ethyl methacrylate
Concen: 3.743 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

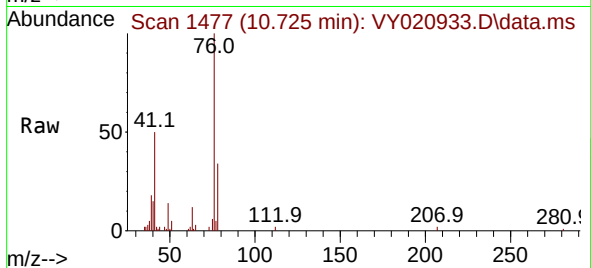
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	46.6	70.0
39	31.4	23.9	35.9





#57
1,3-Dichloropropane
Concen: 4.601 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

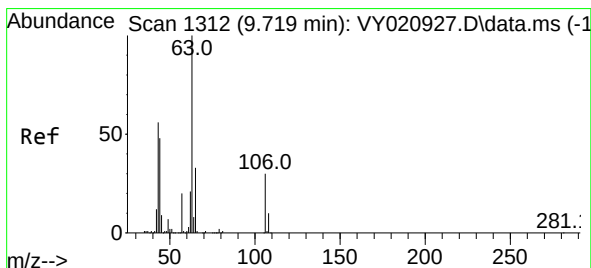
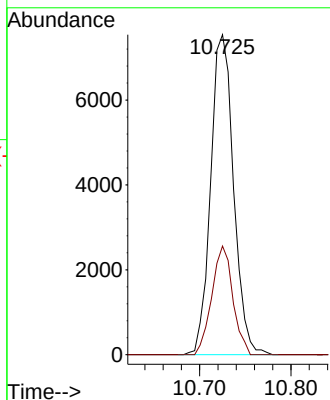
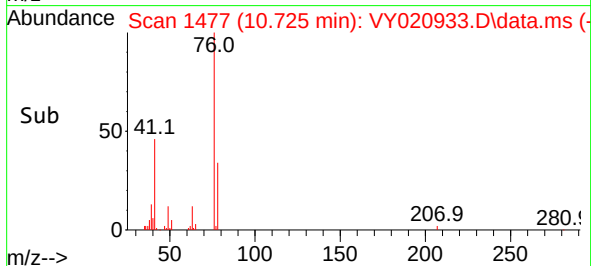
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



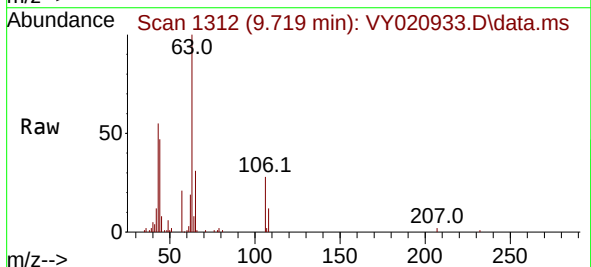
Tgt Ion: 76 Resp: 13090
Ion Ratio Lower Upper
76 100
78 31.2 26.2 39.2

Manual Integrations
APPROVED

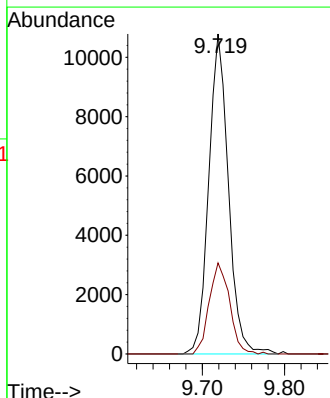
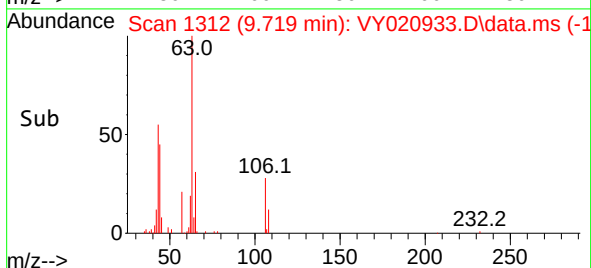
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

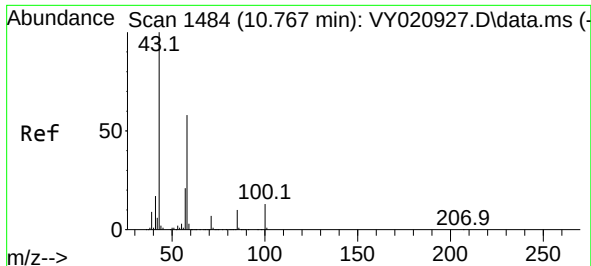


#58
2-Chloroethyl Vinyl ether
Concen: 17.967 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



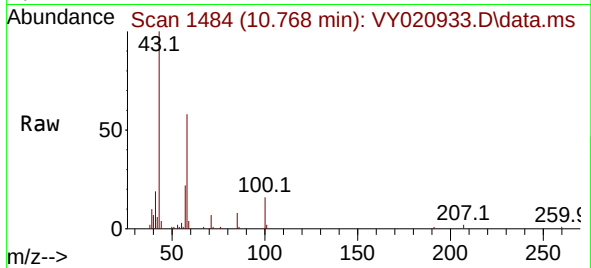
Tgt Ion: 63 Resp: 17897
Ion Ratio Lower Upper
63 100
106 29.6 24.7 37.1





#59
2-Hexanone
Concen: 18.261 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

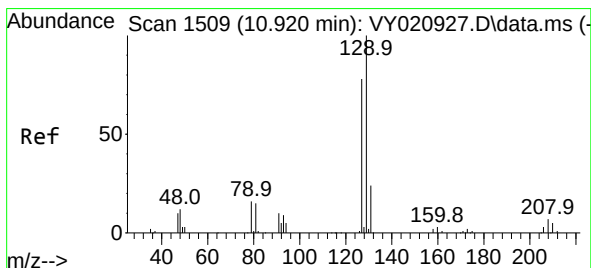
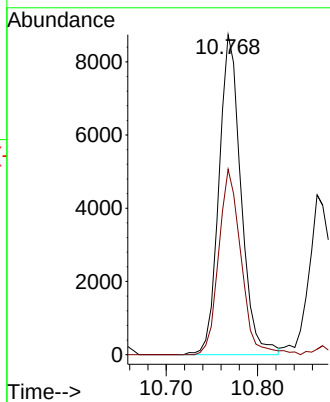
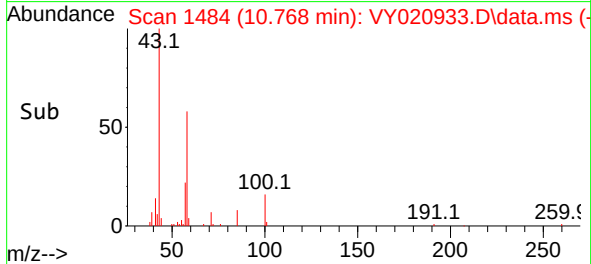
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



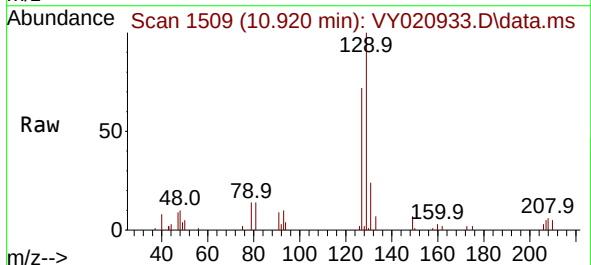
Tgt Ion: 43 Resp: 14658
Ion Ratio Lower Upper
43 100
58 58.8 29.9 89.8

Manual Integrations
APPROVED

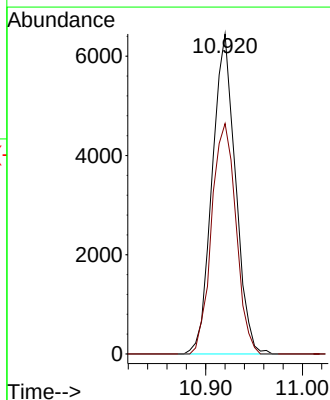
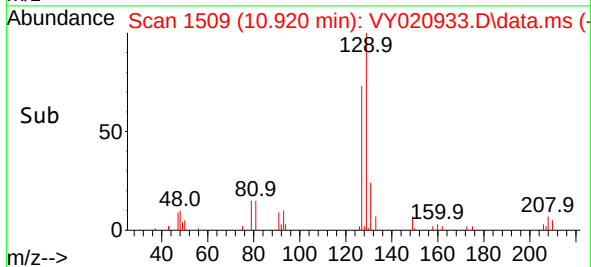
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

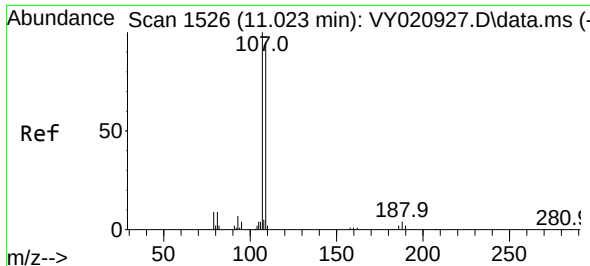


#60
Dibromochloromethane
Concen: 4.573 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



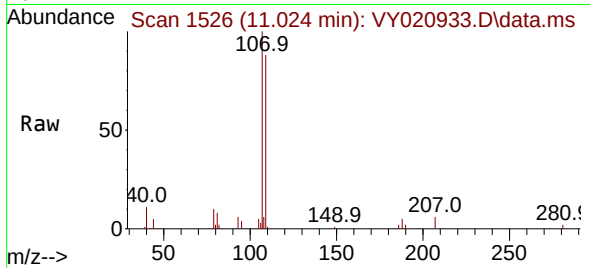
Tgt Ion:129 Resp: 10778
Ion Ratio Lower Upper
129 100
127 75.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 4.569 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

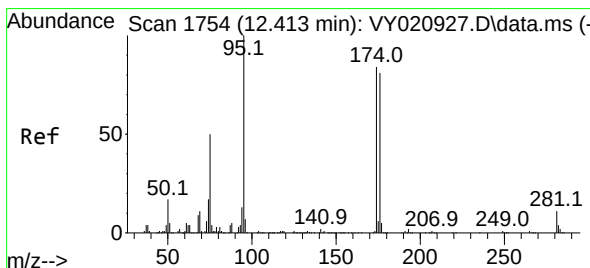
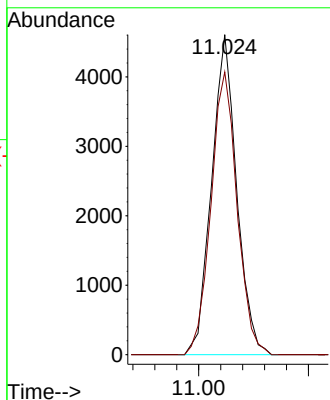
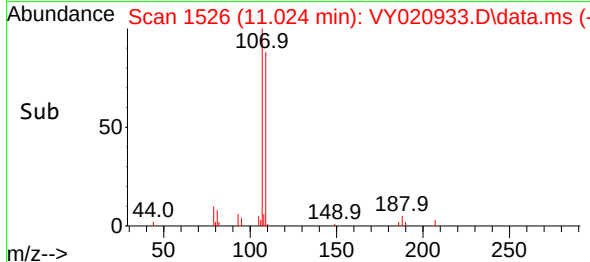
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



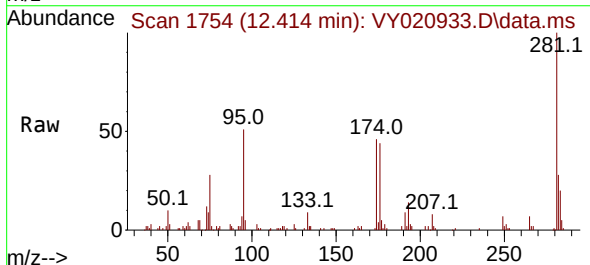
Tgt Ion:107 Resp: 7318
Ion Ratio Lower Upper
107 100
109 92.0 76.3 114.5

Manual Integrations
APPROVED

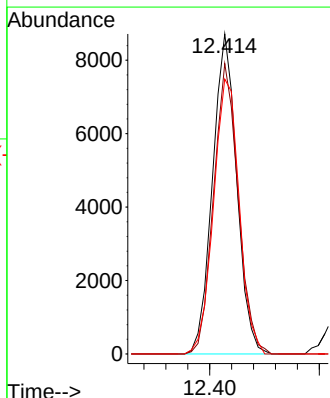
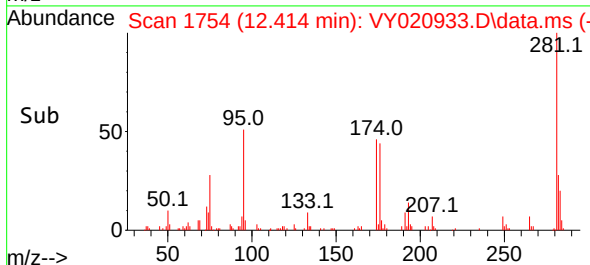
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

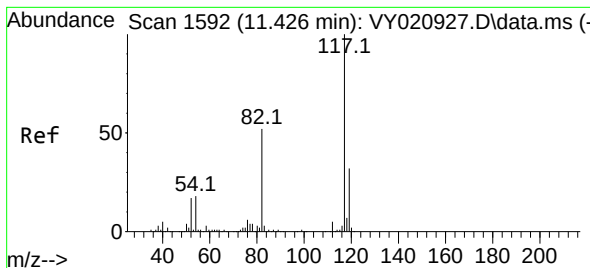


#62
4-Bromofluorobenzene
Concen: 4.300 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



Tgt Ion: 95 Resp: 13378
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.4
176 90.9 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

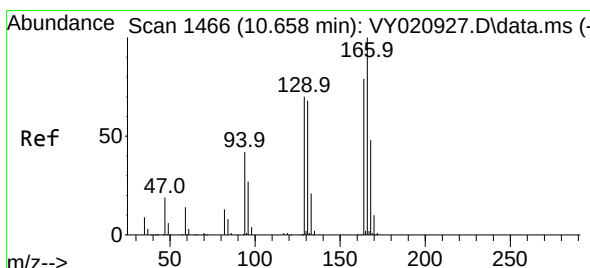
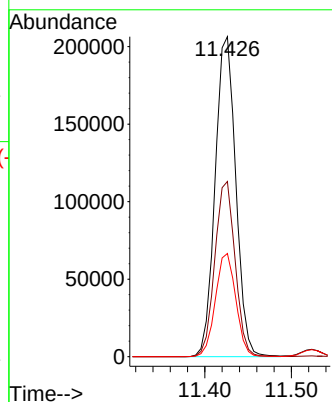
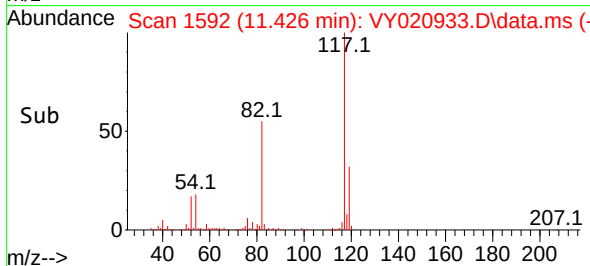
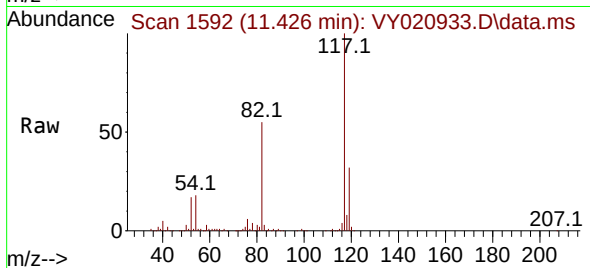
VSTDIC005

Tgt Ion:	117	Resp:	34219
Ion Ratio	Lower	Upper	
117	100		
82	54.7	41.8	62.8
119	32.2	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#64

Tetrachloroethene

Concen: 5.140 ug/l

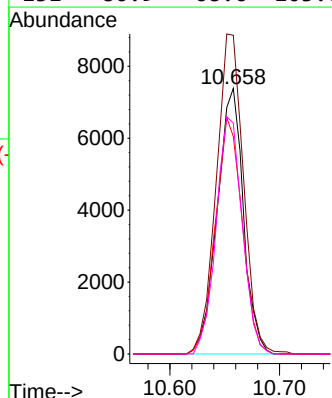
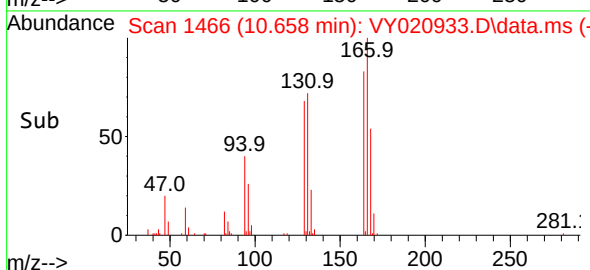
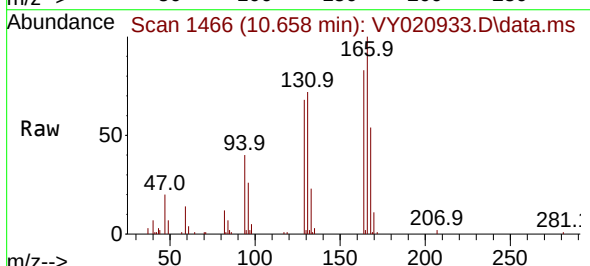
RT: 10.658 min Scan# 1466

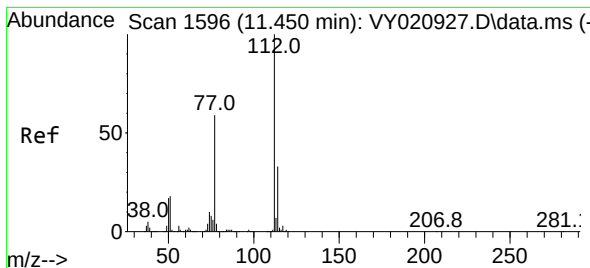
Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

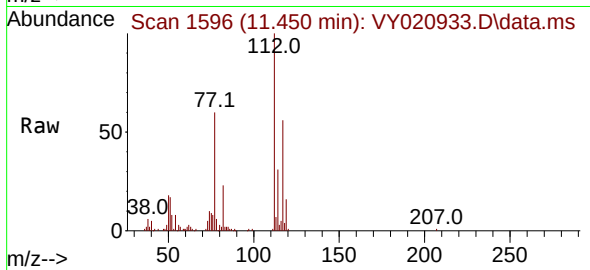
Tgt Ion:	164	Resp:	12240
Ion Ratio	Lower	Upper	
164	100		
166	120.0	101.0	151.6
129	81.9	70.8	106.2
131	86.9	68.6	103.0





#65
Chlorobenzene
Concen: 4.971 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

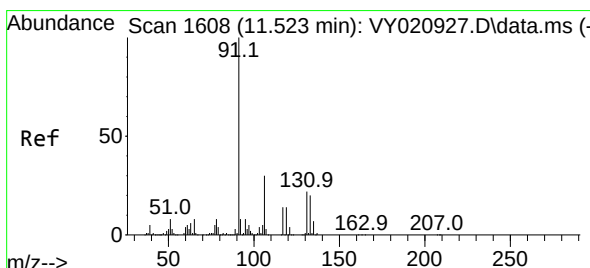
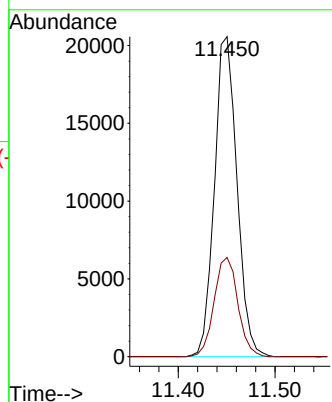
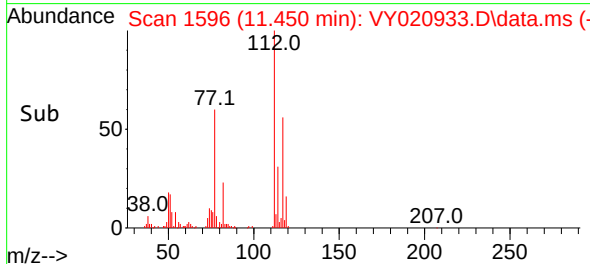
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



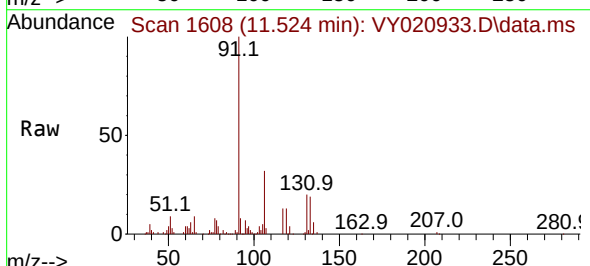
Tgt Ion:112 Resp: 33264
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0

Manual Integrations
APPROVED

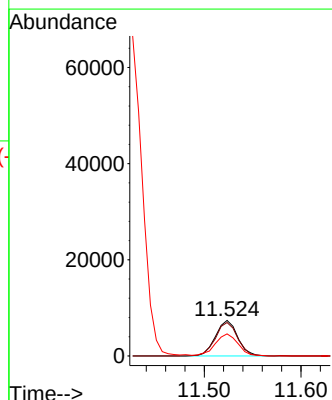
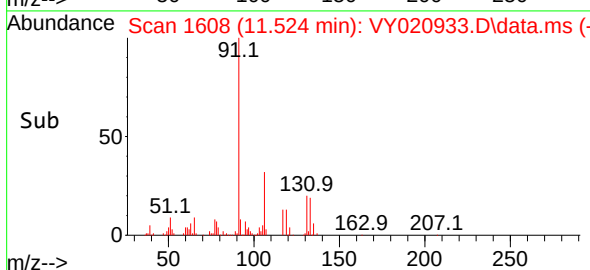
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

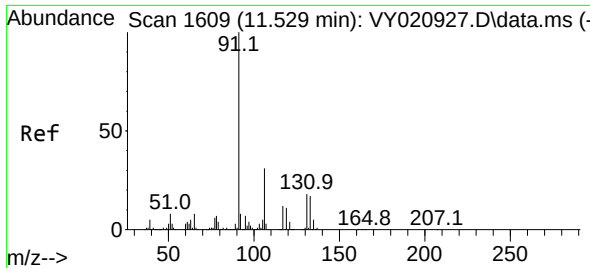


#66
1,1,1,2-Tetrachloroethane
Concen: 4.926 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



Tgt Ion:131 Resp: 11714
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 64.1 31.2 93.6





#67

Ethyl Benzene

Concen: 4.836 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 56470

Ion Ratio Lower Upper

91 100

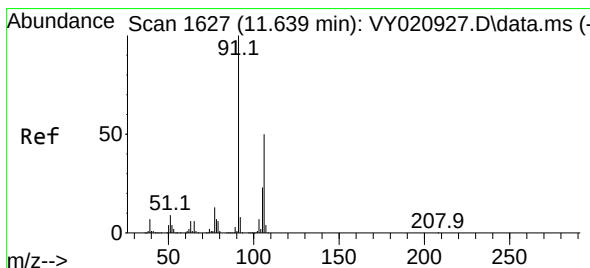
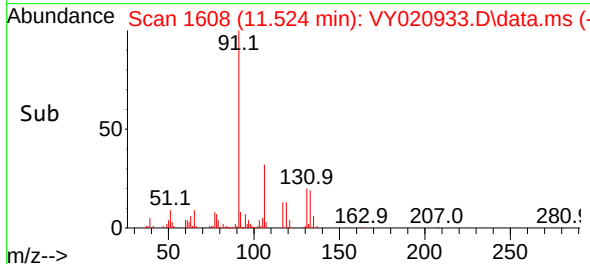
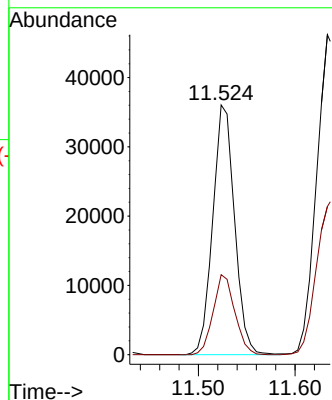
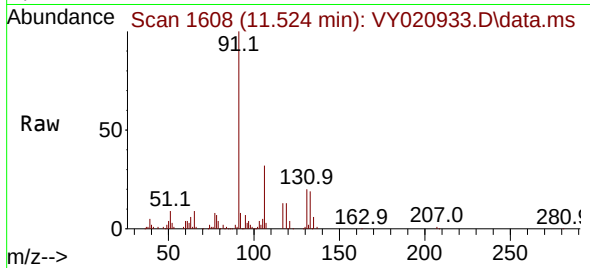
106 32.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025

Supervised By :Mahesh Dadoda 01/27/2025



#68

m/p-Xylenes

Concen: 9.597 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020933.D

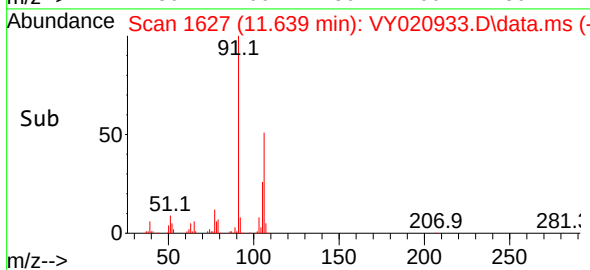
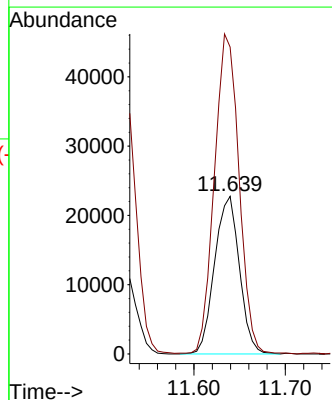
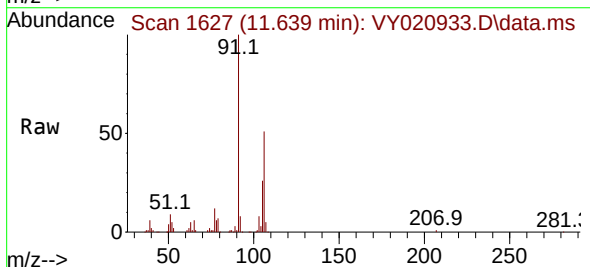
Acq: 24 Jan 2025 16:21

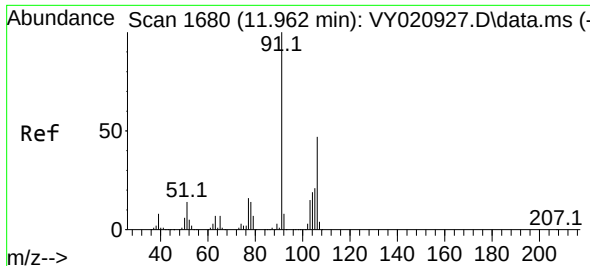
Tgt Ion:106 Resp: 42909

Ion Ratio Lower Upper

106 100

91 201.8 159.5 239.3





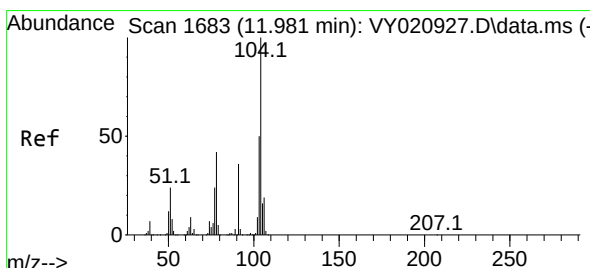
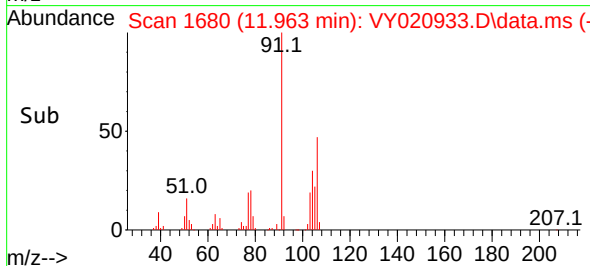
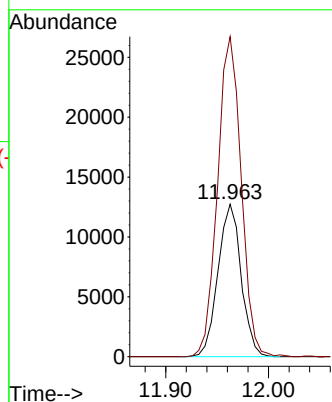
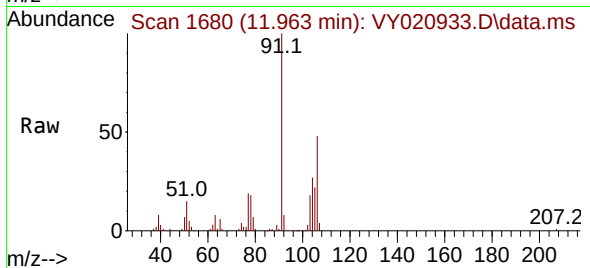
#69
o-Xylene
Concen: 4.773 ug/l
RT: 11.963 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1993
Ion Ratio Lower Upper
106 100
91 214.1 105.3 315.9

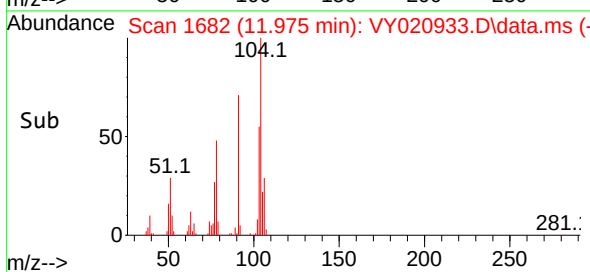
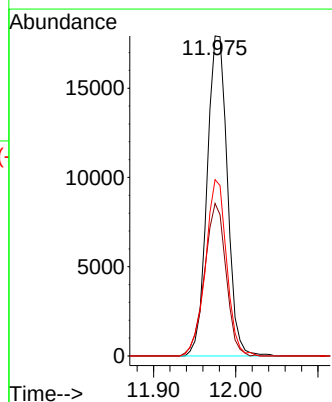
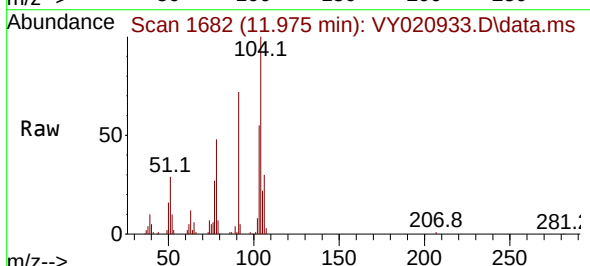
Manual Integrations
APPROVED

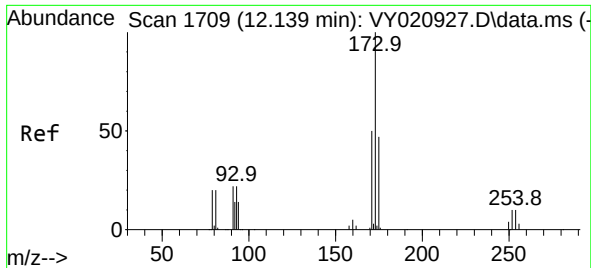
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#70
Styrene
Concen: 4.494 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

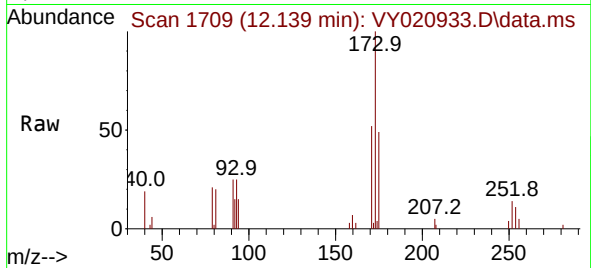
Tgt Ion:104 Resp: 30761
Ion Ratio Lower Upper
104 100
78 50.6 38.5 57.7
103 57.5 43.4 65.2





#71
Bromoform
Concen: 4.523 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

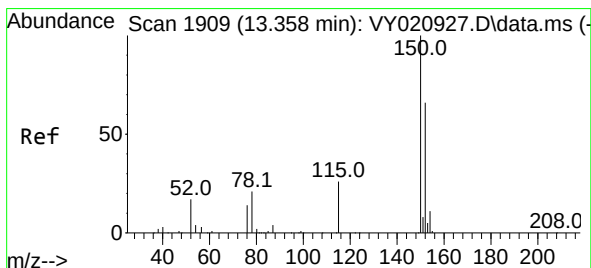
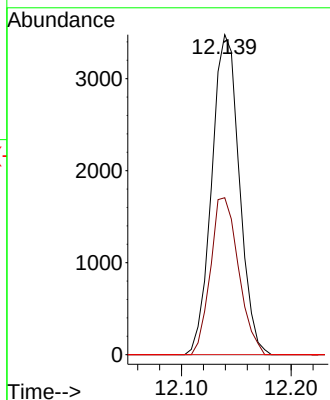
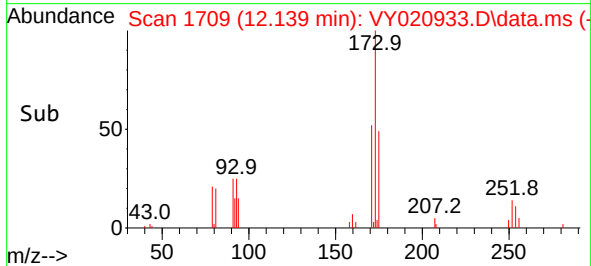
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



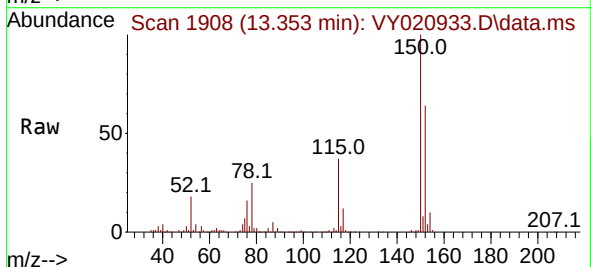
Tgt Ion:173 Resp: 6090
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.0 0.1 0.1

Manual Integrations
APPROVED

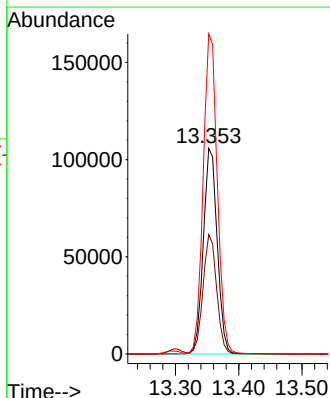
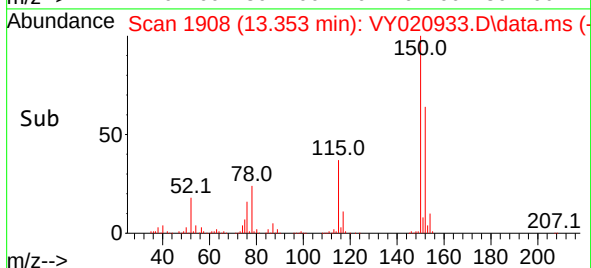
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

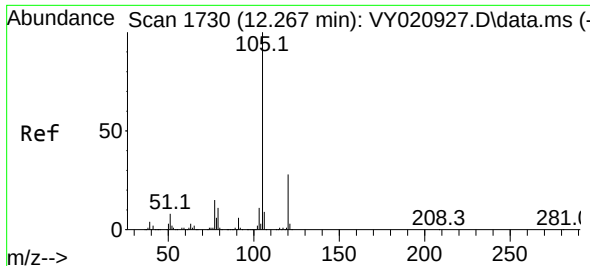


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



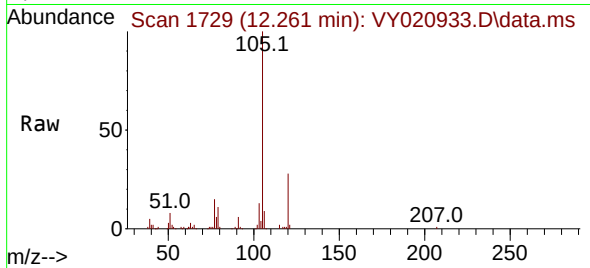
Tgt Ion:152 Resp: 161896
Ion Ratio Lower Upper
152 100
115 57.1 29.0 87.0
150 157.7 0.0 347.6





#73
Isopropylbenzene
Concen: 4.928 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

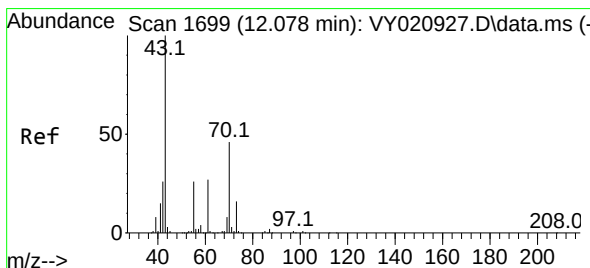
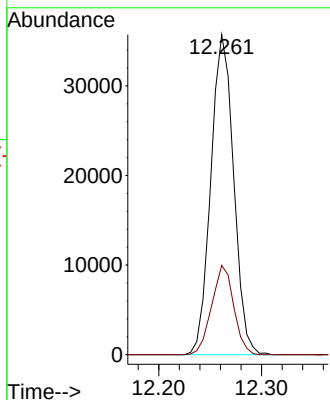
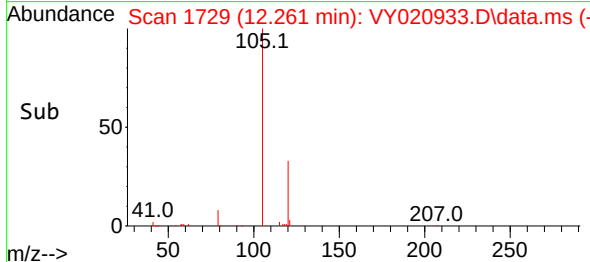
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 54948
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.1

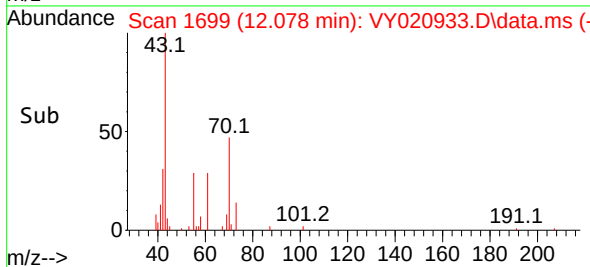
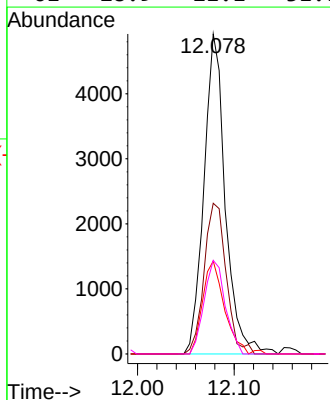
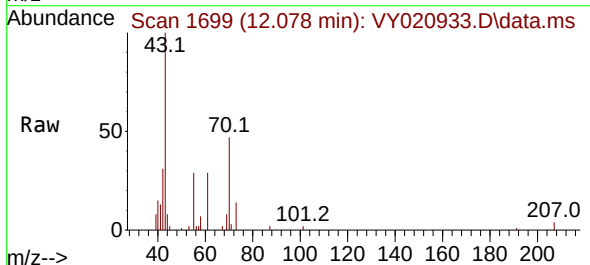
Manual Integrations
APPROVED

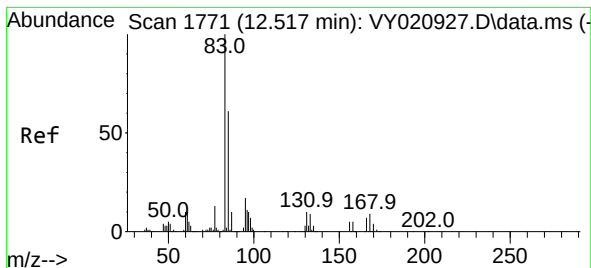
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#74
N-ethyl acetate
Concen: 3.814 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

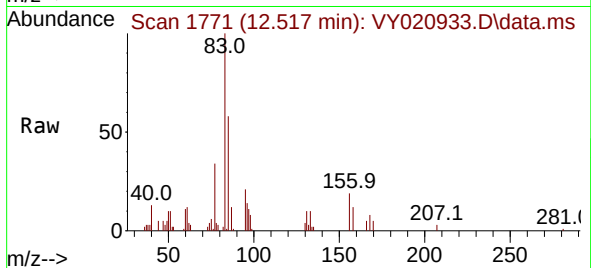
Tgt Ion: 43 Resp: 7568
Ion Ratio Lower Upper
43 100
70 48.6 38.7 58.1
55 30.0 21.6 32.4
61 28.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 4.524 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

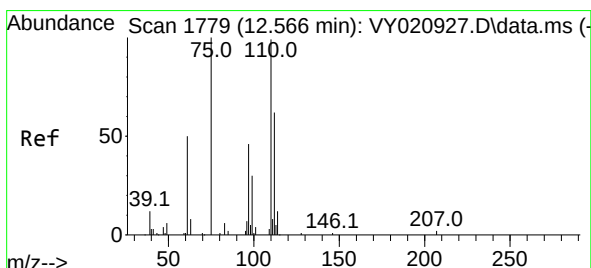
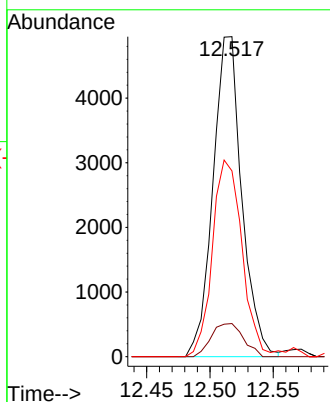
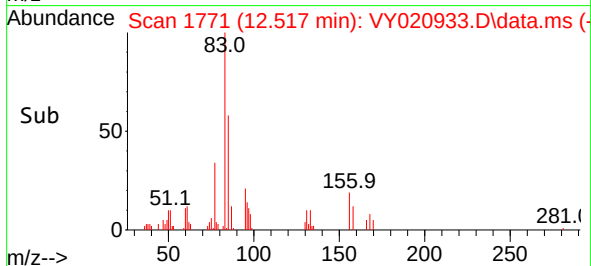
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



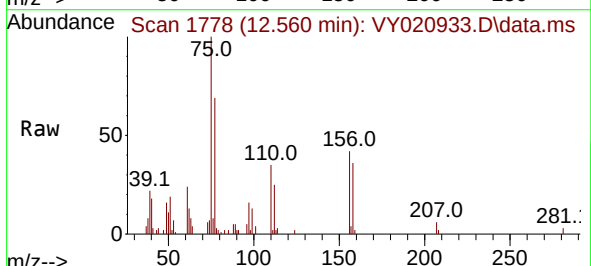
Tgt Ion: 83 Resp: 7848
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.7
85 62.7 31.8 95.4

Manual Integrations
APPROVED

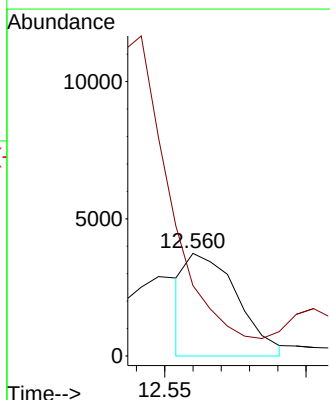
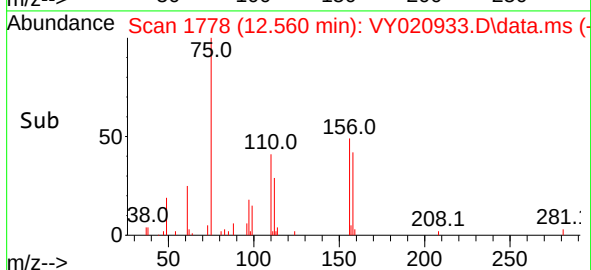
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025

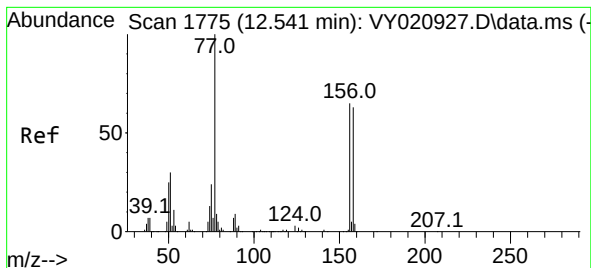


#76
1,2,3-Trichloropropane
Concen: 4.129 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21



Tgt Ion: 75 Resp: 4726
Ion Ratio Lower Upper
75 100
77 438.9 0.0 0.0#





#77

Bromobenzene

Concen: 4.928 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

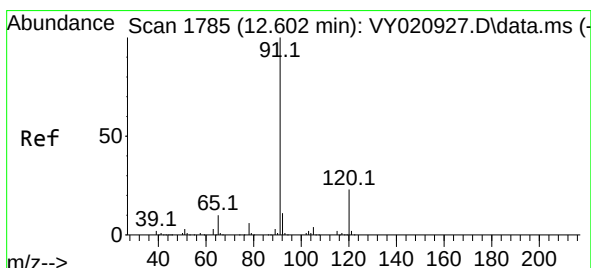
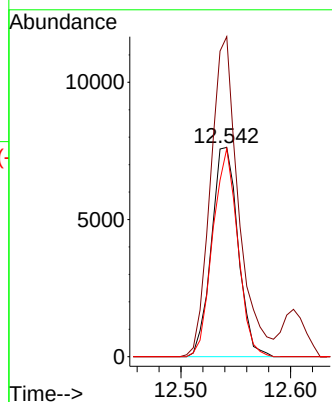
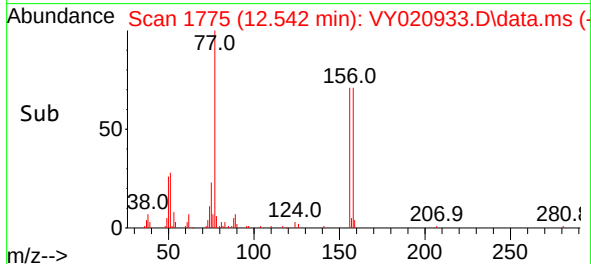
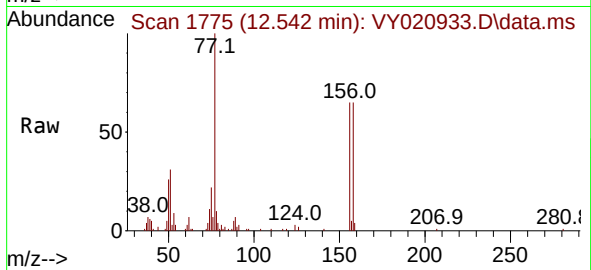
VSTDICC005

Tgt Ion:	156	Resp:	1288
Ion Ratio	Lower	Upper	
156	100		
77	161.0	84.4	253.1
158	93.5	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#78

n-propylbenzene

Concen: 4.950 ug/l

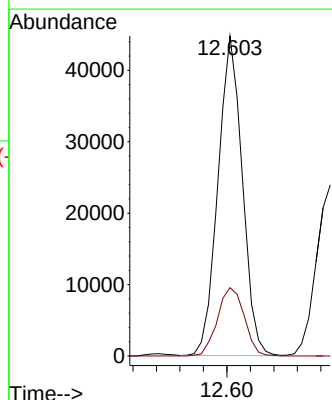
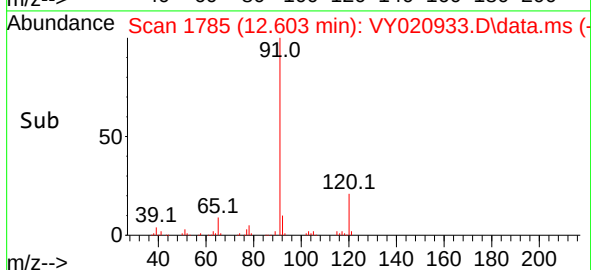
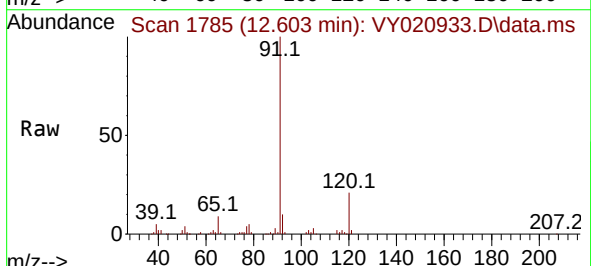
RT: 12.603 min Scan# 1785

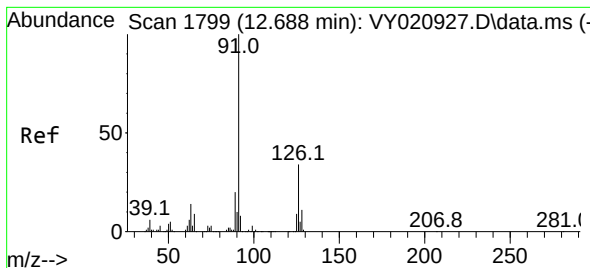
Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Tgt Ion:	91	Resp:	64297
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.4





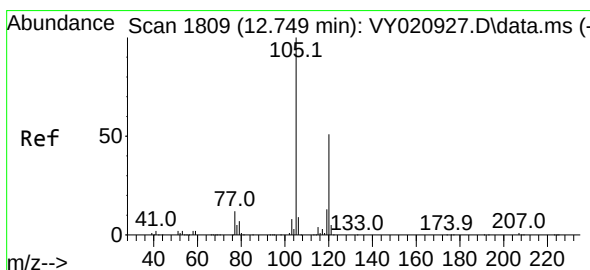
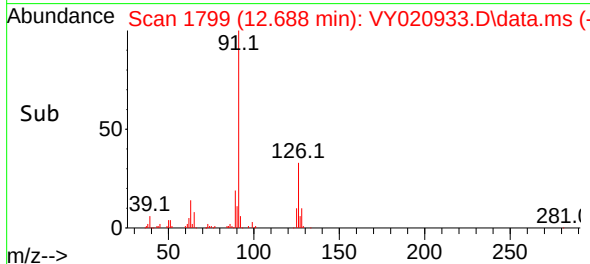
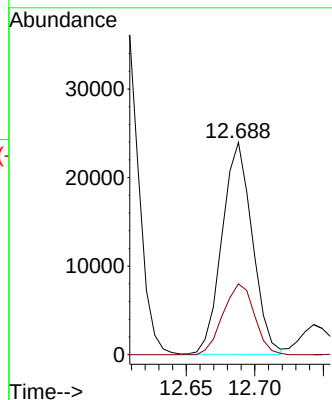
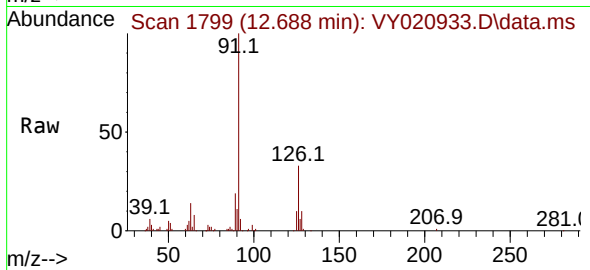
#79
2-Chlorotoluene
Concen: 4.990 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 36759
Ion Ratio Lower Upper
91 100
126 34.6 17.6 52.9

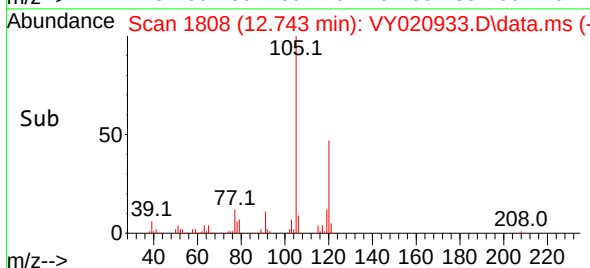
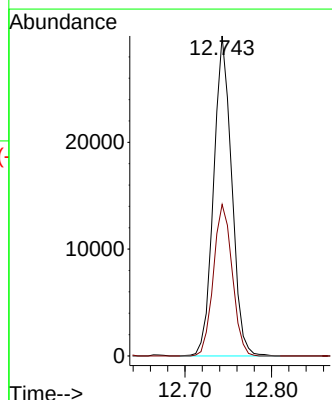
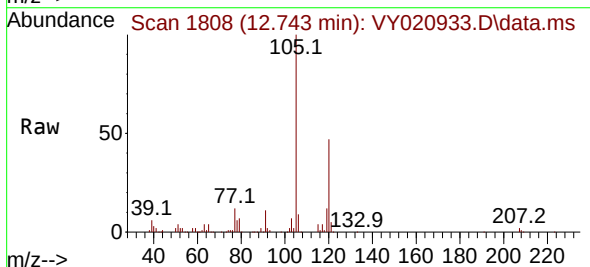
Manual Integrations
APPROVED

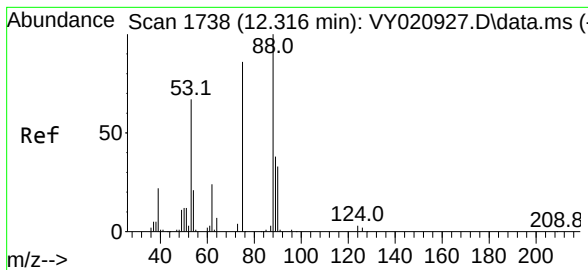
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.848 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:105 Resp: 43435
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6





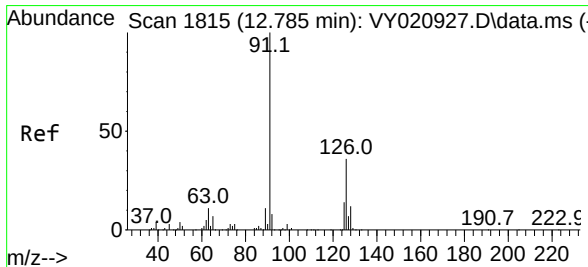
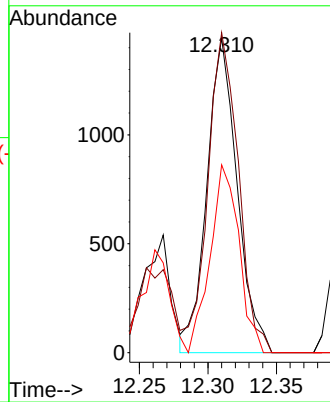
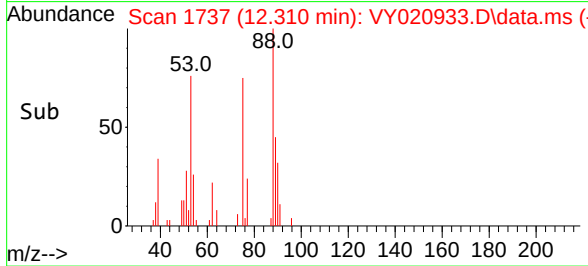
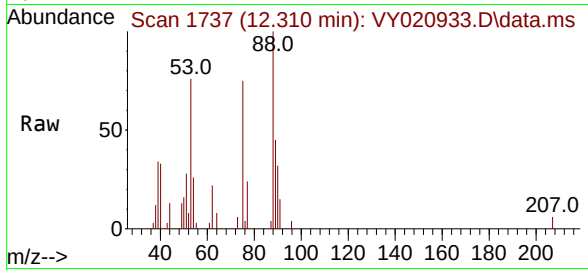
#81
trans-1,4-Dichloro-2-butene
Concen: 3.744 ug/l
RT: 12.310 min Scan# 1738
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2218
Ion Ratio Lower Upper
75 100
53 102.3 67.7 101.5
89 56.9 38.4 57.6

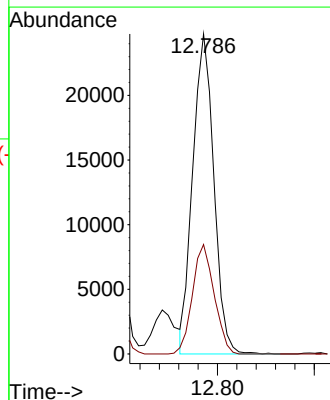
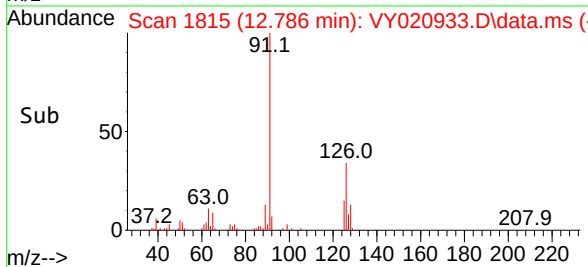
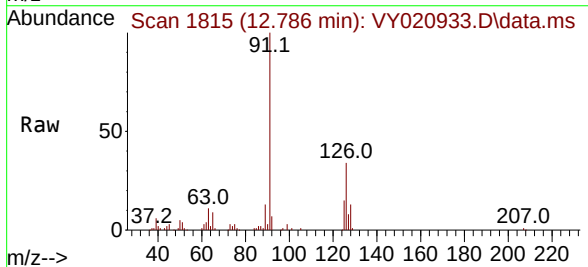
Manual Integrations
APPROVED

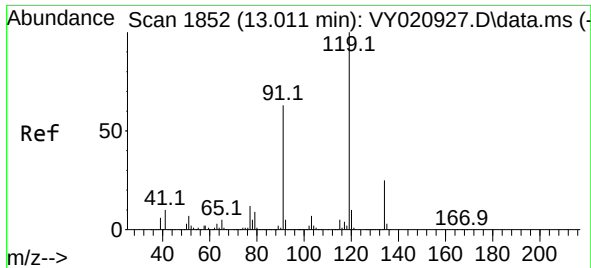
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#82
4-Chlorotoluene
Concen: 4.969 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 91 Resp: 37376
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.3





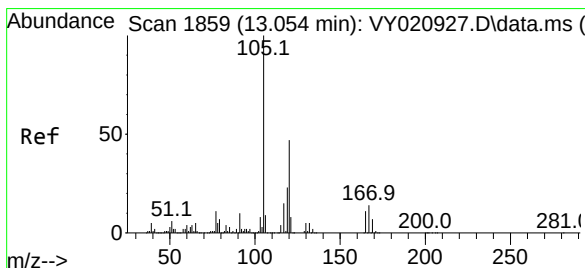
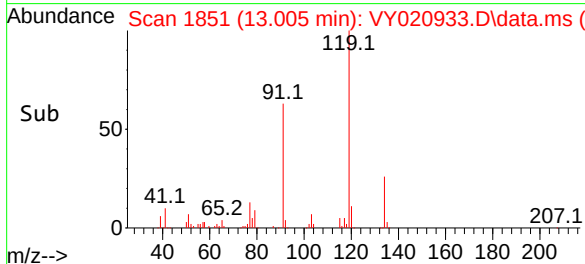
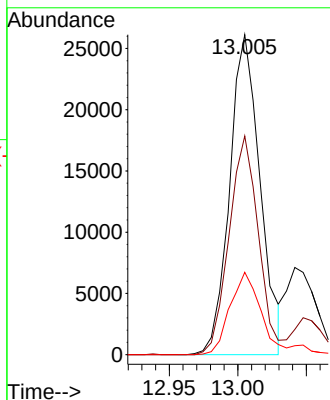
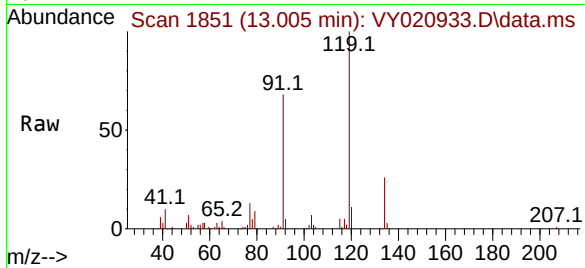
#83
tert-Butylbenzene
Concen: 4.895 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 40450
Ion Ratio Lower Upper
119 100
91 65.5 30.9 92.8
134 27.7 13.1 39.3

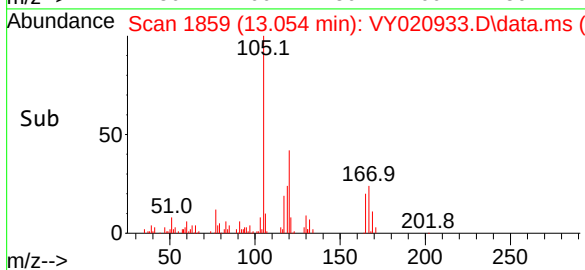
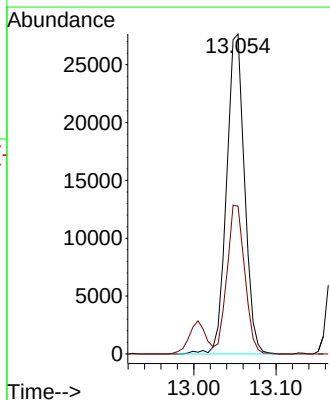
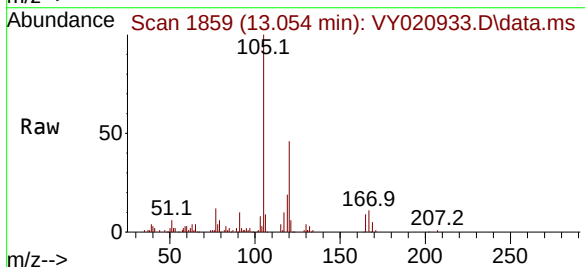
Manual Integrations
APPROVED

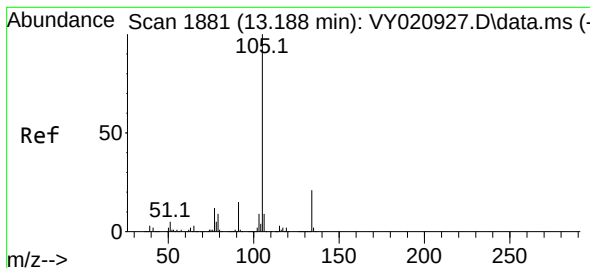
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.769 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion:105 Resp: 42059
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 4.885 ug/l

RT: 13.182 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 57554

Ion Ratio Lower Upper

105 100

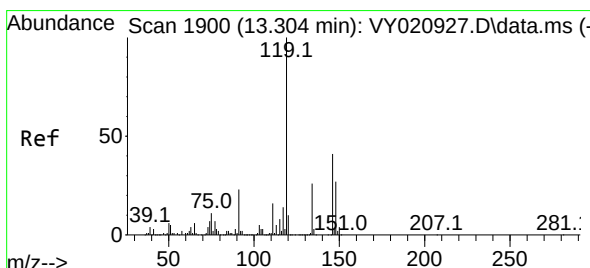
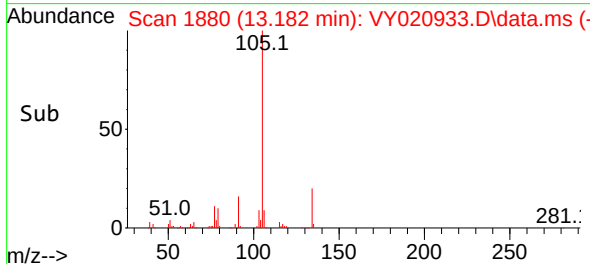
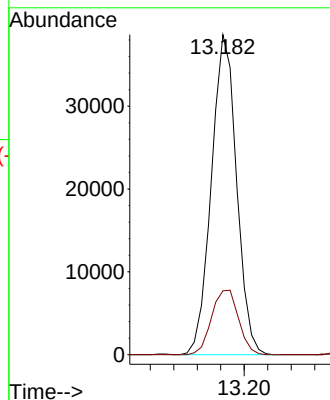
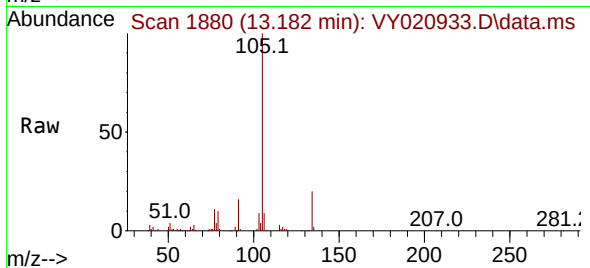
134 21.6 10.4 31.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025

Supervised By :Mahesh Dadoda 01/27/2025



#86

p-Isopropyltoluene

Concen: 4.811 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

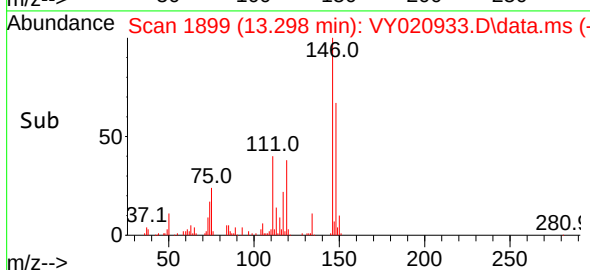
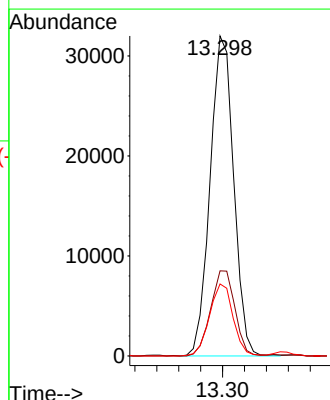
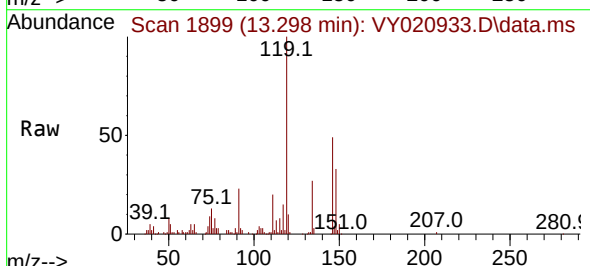
Tgt Ion:119 Resp: 47891

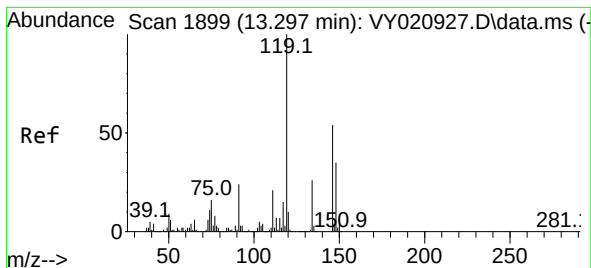
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

91 22.6 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 4.981 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

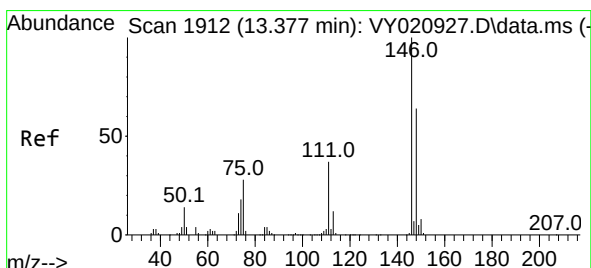
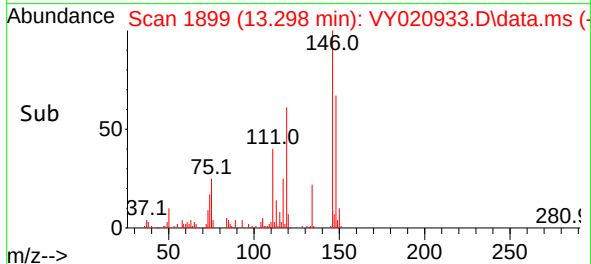
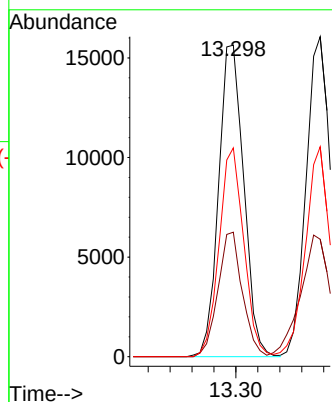
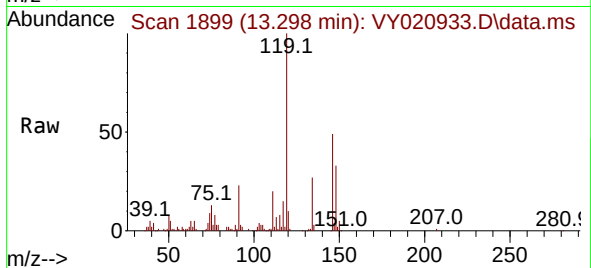
VSTDIC005

Tgt Ion:146	Resp:	24928
Ion Ratio	Lower	Upper
146	100	
111	38.8	19.4 58.2
148	65.7	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#88

1,4-Dichlorobenzene

Concen: 5.083 ug/l

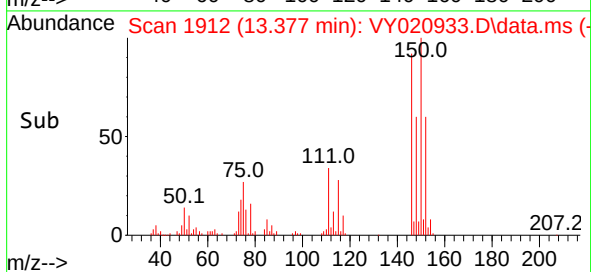
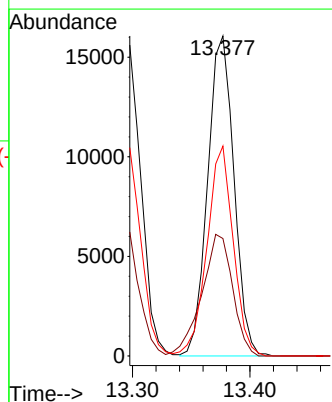
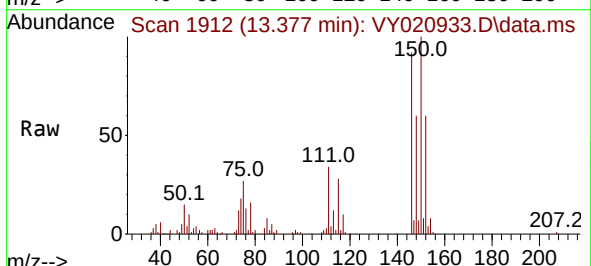
RT: 13.377 min Scan# 1912

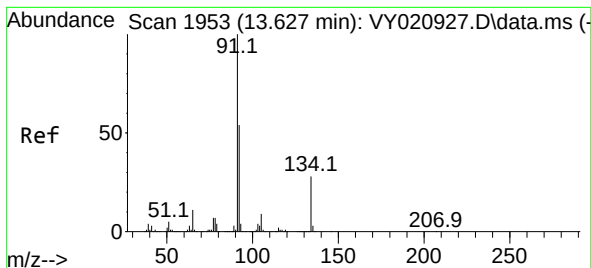
Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Tgt Ion:146	Resp:	24992
Ion Ratio	Lower	Upper
146	100	
111	44.7	18.8 56.4
148	65.5	32.0 96.0





#89

n-Butylbenzene

Concen: 4.726 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

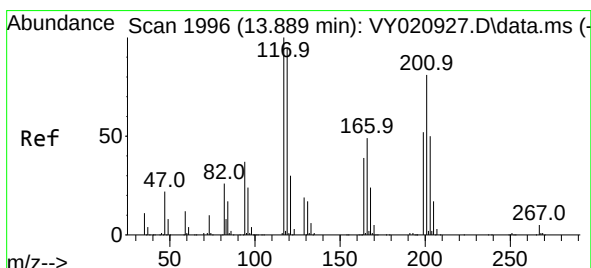
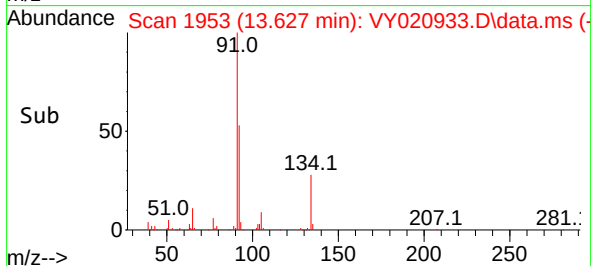
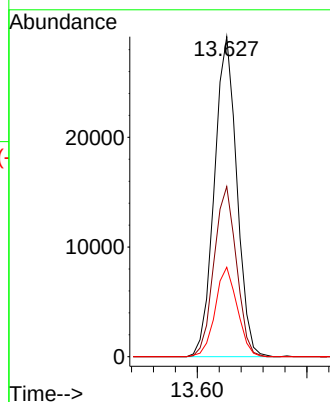
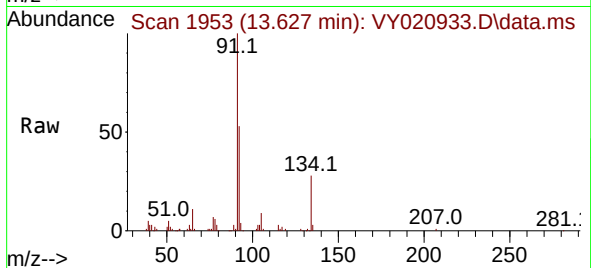
Tgt Ion: 91 Resp: 4149

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.3
134	27.5	13.8	41.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#90

Hexachloroethane

Concen: 5.021 ug/l

RT: 13.889 min Scan# 1996

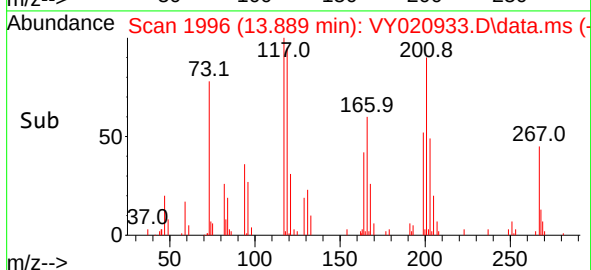
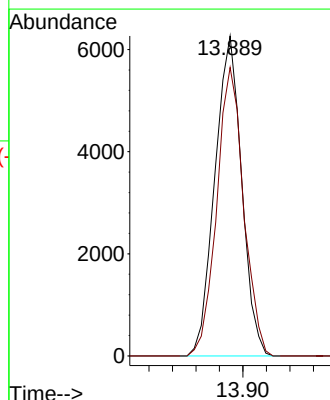
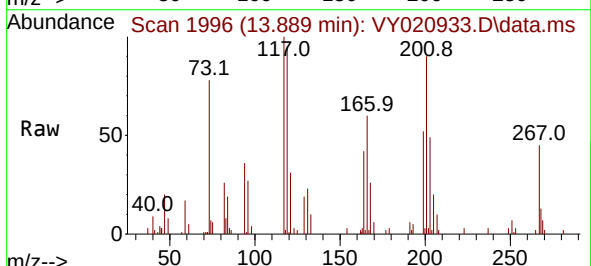
Delta R.T. 0.000 min

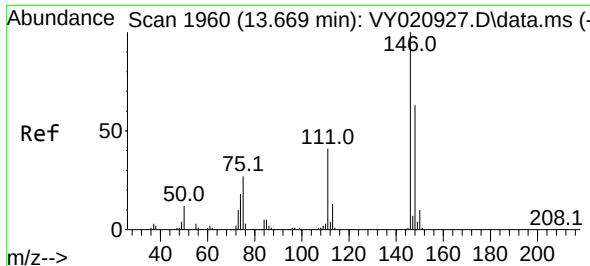
Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Tgt Ion:117 Resp: 9929

Ion	Ratio	Lower	Upper
117	100		
201	90.2	42.7	128.1





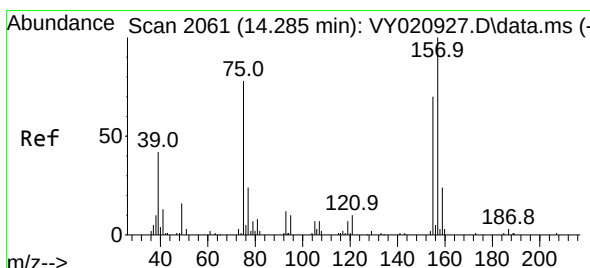
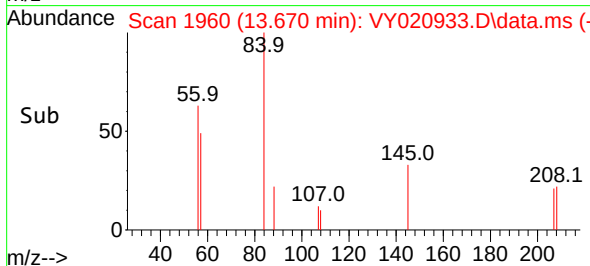
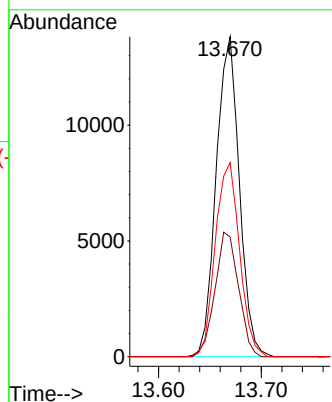
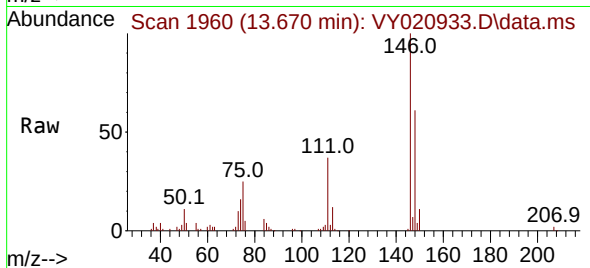
#91
1,2-Dichlorobenzene
Concen: 4.985 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 21618
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.6
148 63.5 32.2 96.6

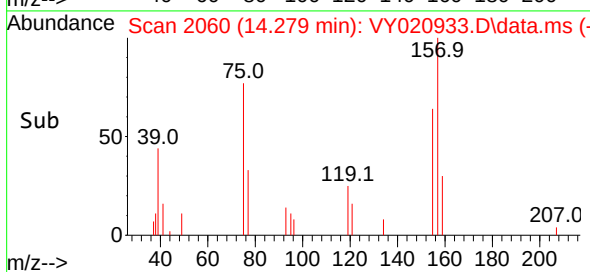
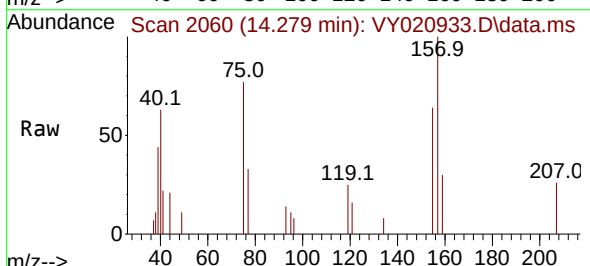
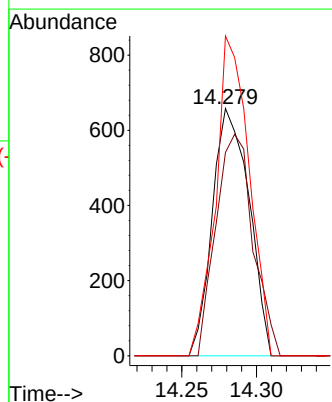
Manual Integrations
APPROVED

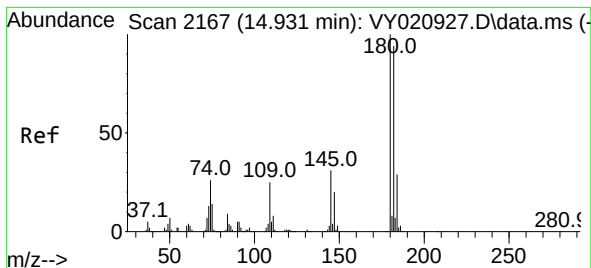
Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.301 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VY020933.D
Acq: 24 Jan 2025 16:21

Tgt Ion: 75 Resp: 1121
Ion Ratio Lower Upper
75 100
155 90.9 46.6 139.7
157 118.4 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 4.325 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

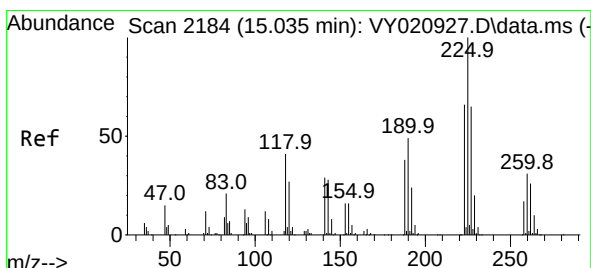
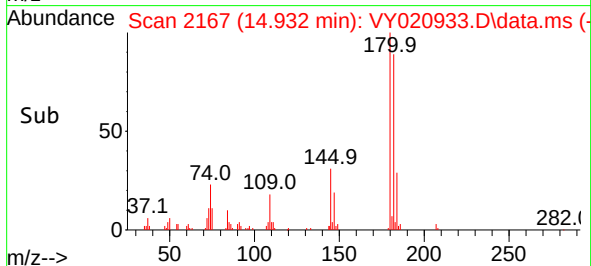
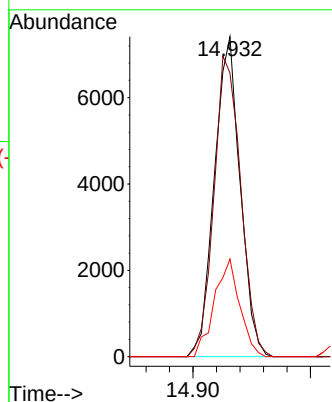
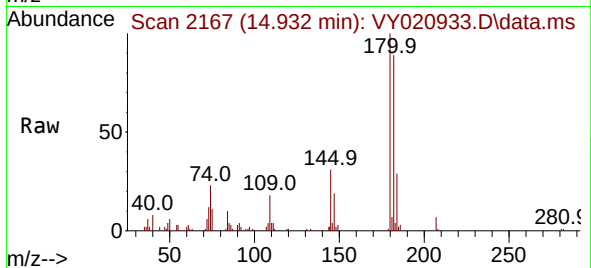
VSTDIC005

Tgt Ion:	180	Resp:	1128
Ion Ratio	Lower	Upper	
180	100		
182	98.0	47.0	141.2
145	30.1	14.9	44.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#94

Hexachlorobutadiene

Concen: 5.084 ug/l

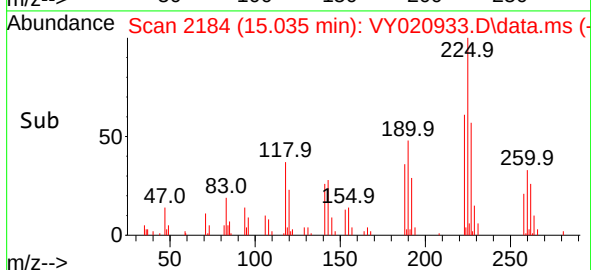
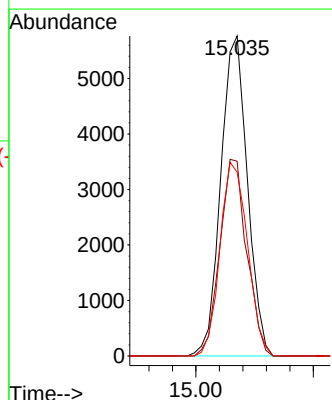
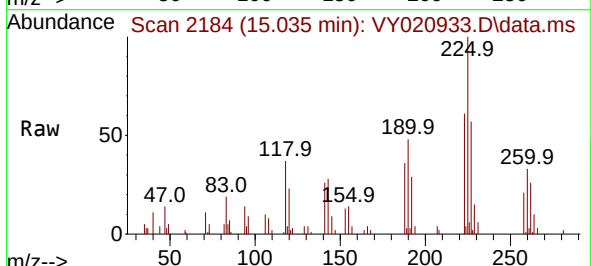
RT: 15.035 min Scan# 2184

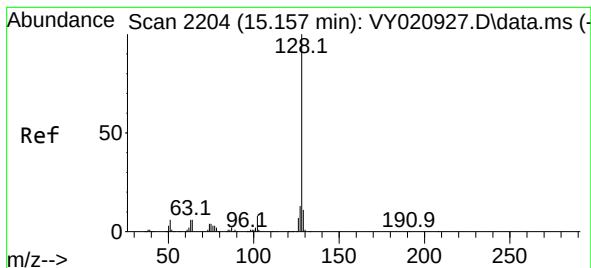
Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Tgt Ion:	225	Resp:	9074
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.5	94.5
227	62.6	31.9	95.9





#95

Naphthalene

Concen: 3.755 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Instrument :

MSVOA_Y

ClientSampleId :

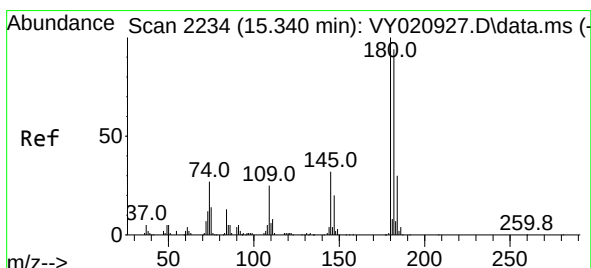
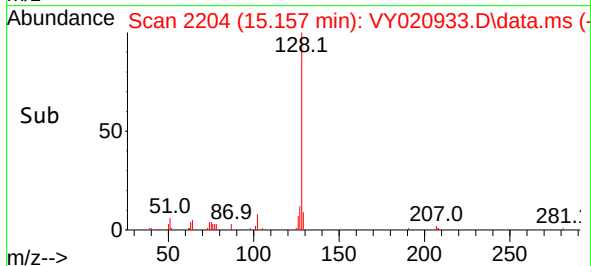
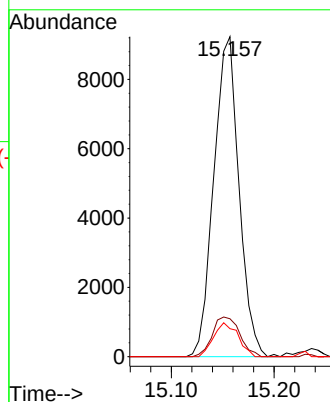
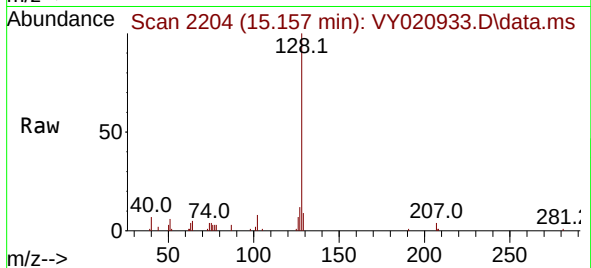
VSTDIC005

Tgt Ion:	128	Resp:	1570
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	10.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.349 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020933.D

Acq: 24 Jan 2025 16:21

Tgt Ion:	180	Resp:	9532
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.5	142.6
145	32.5	15.7	47.0

