

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021349.D
 Acq On : 27 Feb 2025 11:40
 Operator : SY/MD
 Sample : VY0227SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
 Supervised By :Semsettin Yesilyurt 02/28/2025

Quant Time: Feb 28 00:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	198659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	310671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101944	45.236	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.480%		
35) Dibromofluoromethane	7.634	113	92849	45.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.180%		
50) Toluene-d8	10.103	98	356688	45.313	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.620%		
62) 4-Bromofluorobenzene	12.402	95	119898	45.259	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	35262	18.721	ug/l	98
3) Chloromethane	2.068	50	44619	18.343	ug/l	97
4) Vinyl Chloride	2.202	62	44508	18.642	ug/l	99
5) Bromomethane	2.586	94	29567	18.635	ug/l	100
6) Chloroethane	2.733	64	29123	19.670	ug/l	98
7) Trichlorofluoromethane	3.056	101	70391	19.522	ug/l	99
8) Diethyl Ether	3.452	74	21878	20.216	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	42182	20.206	ug/l	98
10) Methyl Iodide	4.001	142	43590	19.847	ug/l	99
11) Tert butyl alcohol	4.848	59	16710m	96.398	ug/l	
12) 1,1-Dichloroethene	3.787	96	38944	19.483	ug/l	98
13) Acrolein	3.653	56	24700	185.946	ug/l	94
14) Allyl chloride	4.379	41	65599	18.510	ug/l	99
15) Acrylonitrile	5.055	53	47280	98.811	ug/l	99
16) Acetone	3.867	43	44126	102.074	ug/l	98
17) Carbon Disulfide	4.104	76	122176	18.407	ug/l	97
18) Methyl Acetate	4.385	43	20494	19.398	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	105075	19.896	ug/l	97
20) Methylene Chloride	4.616	84	48638	20.806	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	42797	19.449	ug/l	95
22) Diisopropyl ether	6.012	45	143925	19.625	ug/l	99
23) Vinyl Acetate	5.958	43	422766	96.470	ug/l	99
24) 1,1-Dichloroethane	5.915	63	79851	19.319	ug/l	97
25) 2-Butanone	6.890	43	65440	100.301	ug/l	93
26) 2,2-Dichloropropane	6.878	77	72271	19.269	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	49527	19.710	ug/l	98
28) Bromochloromethane	7.244	49	36677	20.054	ug/l	98
29) Tetrahydrofuran	7.256	42	42111	98.745	ug/l	99
30) Chloroform	7.415	83	83409	19.915	ug/l	96
31) Cyclohexane	7.695	56	72200	18.172	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	75049	19.686	ug/l	99
36) 1,1-Dichloropropene	7.835	75	59900	19.578	ug/l	99
37) Ethyl Acetate	6.982	43	29786	19.572	ug/l	98
38) Carbon Tetrachloride	7.817	117	68272	19.849	ug/l	99
39) Methylcyclohexane	9.109	83	74465	19.243	ug/l	96
40) Benzene	8.079	78	179474	19.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15267	17.942	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	52390	20.417	ug/l	99
43) Isopropyl Acetate	8.195	43	58264	19.779	ug/l	99
44) Trichloroethene	8.866	130	45194	19.959	ug/l	100
45) 1,2-Dichloropropane	9.140	63	42605	19.575	ug/l	100
46) Dibromomethane	9.225	93	24136	20.287	ug/l	99
47) Bromodichloromethane	9.420	83	64023	20.183	ug/l	98
48) Methyl methacrylate	9.219	41	27400	19.891	ug/l	99
49) 1,4-Dioxane	9.225	88	5250	396.870	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	149583	99.200	ug/l	100
52) Toluene	10.170	92	111889	19.915	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	57123	19.655	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	66848	19.483	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	31392	20.255	ug/l	98
56) Ethyl methacrylate	10.438	69	42049	19.635	ug/l	99
57) 1,3-Dichloropropane	10.713	76	55897	20.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	101862	99.097	ug/l	98
59) 2-Hexanone	10.762	43	98713	99.680	ug/l	99
60) Dibromochloromethane	10.908	129	43397	20.559	ug/l	99
61) 1,2-Dibromoethane	11.012	107	29498	20.104	ug/l	99
64) Tetrachloroethene	10.646	164	40481	19.686	ug/l	97
65) Chlorobenzene	11.438	112	119791	19.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	43652	20.414	ug/l	98
67) Ethyl Benzene	11.518	91	213261	19.715	ug/l	99
68) m/p-Xylenes	11.627	106	160355	39.412	ug/l	98
69) o-Xylene	11.957	106	74908	19.653	ug/l	99
70) Styrene	11.969	104	123889	19.536	ug/l	99
71) Bromoform	12.133	173	24357	19.911	ug/l #	95
73) Isopropylbenzene	12.255	105	202320	19.511	ug/l	99
74) N-amyl acetate	12.066	43	50118	19.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37100	20.272	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	25467m	18.446	ug/l	
77) Bromobenzene	12.530	156	46970	19.474	ug/l	99
78) n-propylbenzene	12.597	91	244088	19.398	ug/l	100
79) 2-Chlorotoluene	12.682	91	141363	19.575	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	166093	19.529	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12177	19.603	ug/l	99
82) 4-Chlorotoluene	12.780	91	146247	19.536	ug/l	100
83) tert-Butylbenzene	12.999	119	150694	19.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	168485	19.919	ug/l	99
85) sec-Butylbenzene	13.176	105	220676	19.665	ug/l	99
86) p-Isopropyltoluene	13.292	119	182981	19.528	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	93913	19.684	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	92534	19.632	ug/l	99
89) n-Butylbenzene	13.615	91	171802	19.483	ug/l	99
90) Hexachloroethane	13.883	117	37407	19.112	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	82600	19.760	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5991	20.694	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	48418	18.978	ug/l	99
94) Hexachlorobutadiene	15.023	225	30957	19.273	ug/l	99
95) Naphthalene	15.145	128	78577	18.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	41048	19.042	ug/l	99

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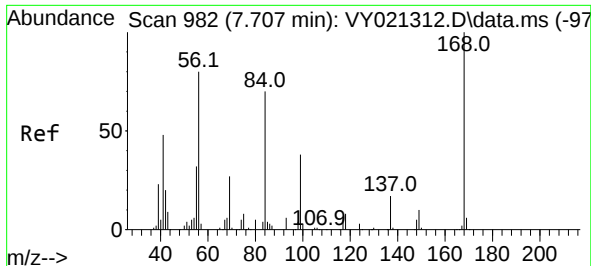
Manual Integrations
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Supervised By :Semsettin Yesilyurt 02/28/2025

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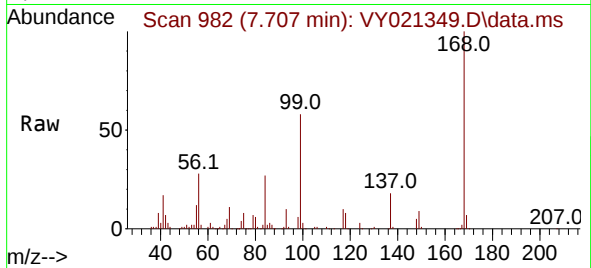
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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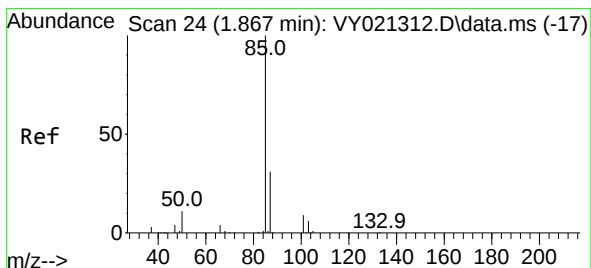
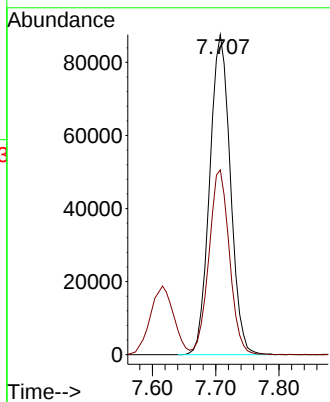
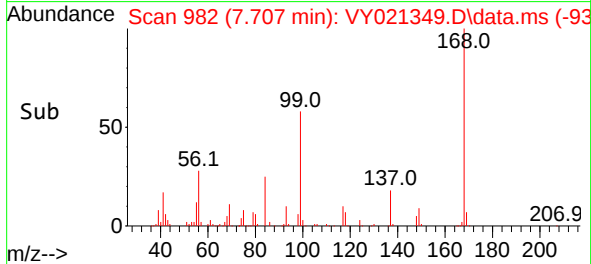
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 198659
Ion Ratio Lower Upper
168 100
99 57.7 47.1 70.7

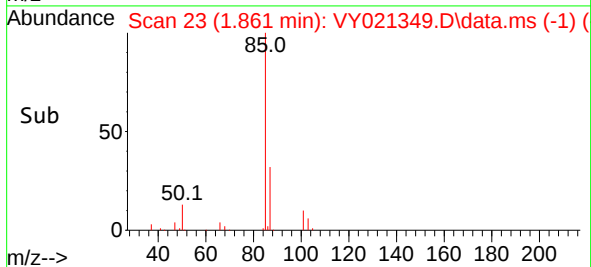
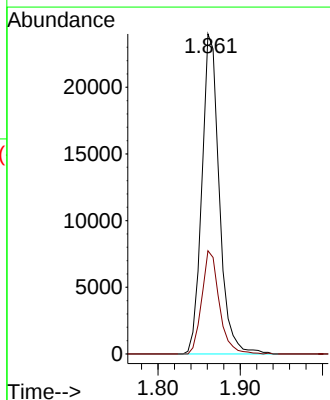
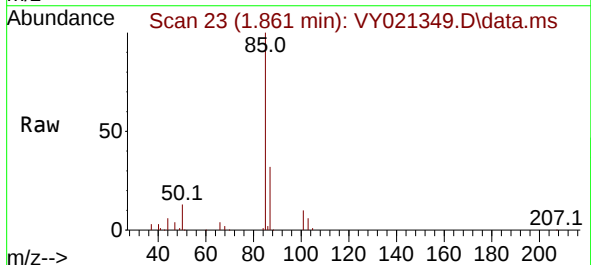
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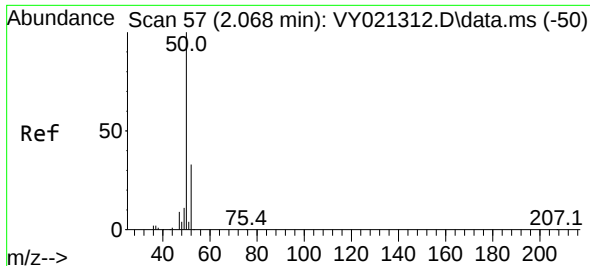
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#2
Dichlorodifluoromethane
Concen: 18.721 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

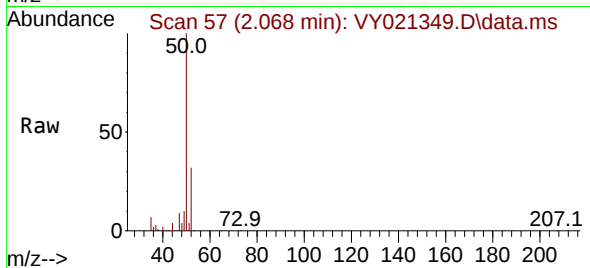
Tgt Ion: 85 Resp: 35262
Ion Ratio Lower Upper
85 100
87 32.2 15.4 46.4





#3
Chloromethane
Concen: 18.343 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

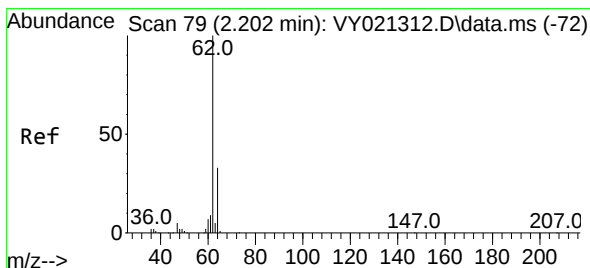
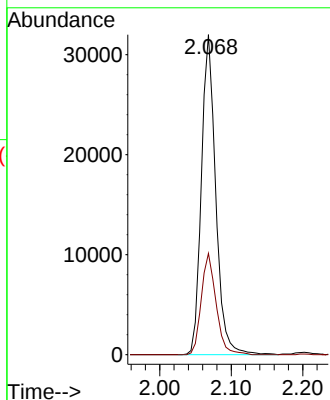
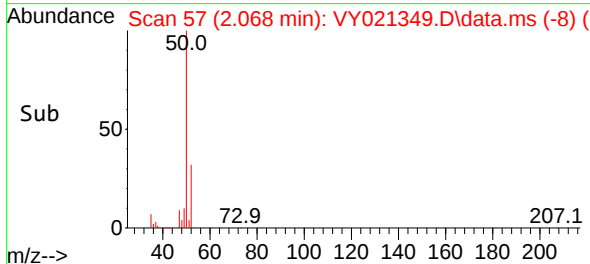
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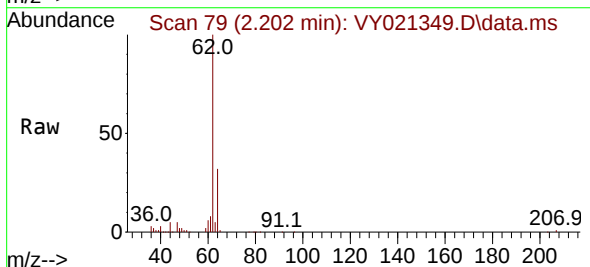
Tgt Ion: 50 Resp: 44619
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0

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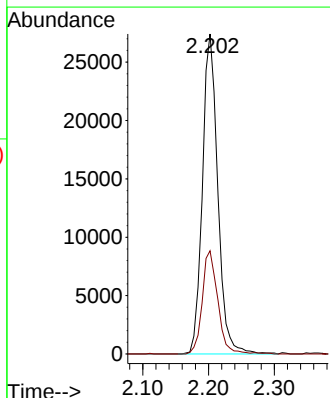
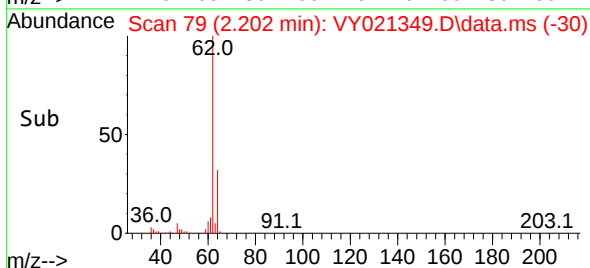
Reviewed By :Mahesh Dadoda 02/28/2025
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#4
Vinyl Chloride
Concen: 18.642 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



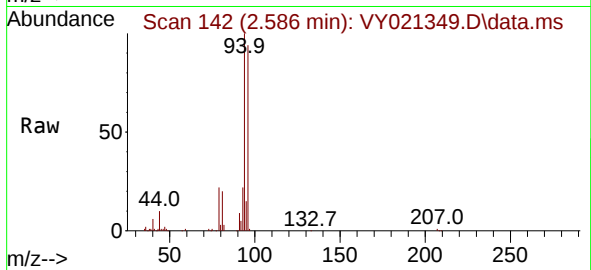
Tgt Ion: 62 Resp: 44508
Ion Ratio Lower Upper
62 100
64 32.2 26.3 39.5





#5
Bromomethane
Concen: 18.635 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

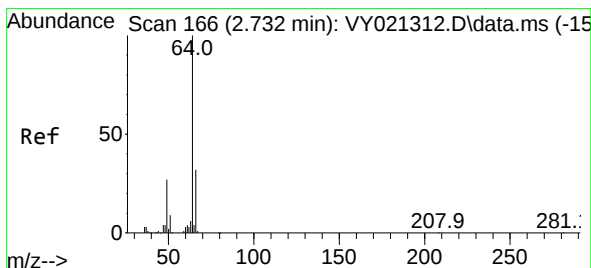
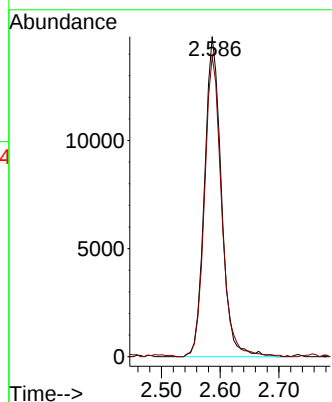
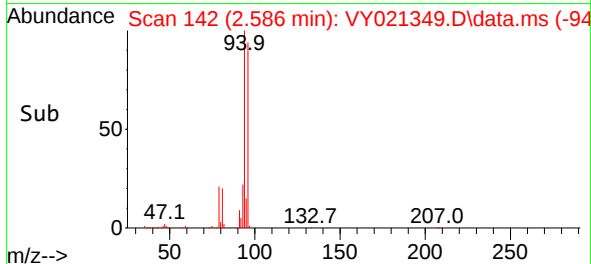
Instrument :
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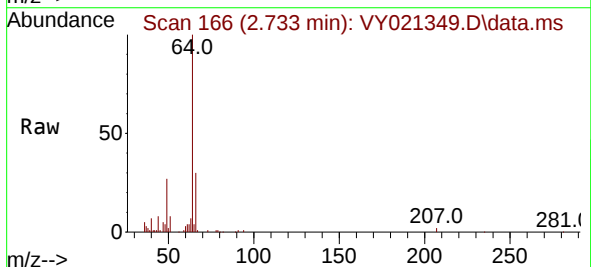
Tgt Ion: 94 Resp: 2956
Ion Ratio Lower Upper
94 100
96 93.8 75.2 112.8

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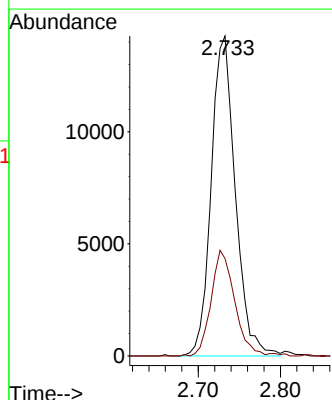
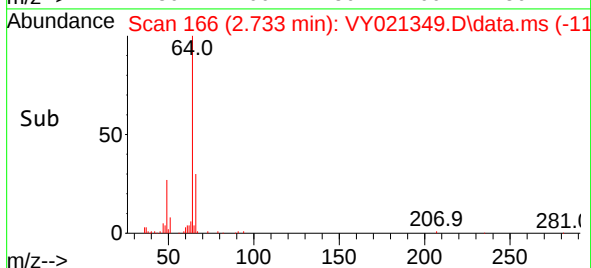
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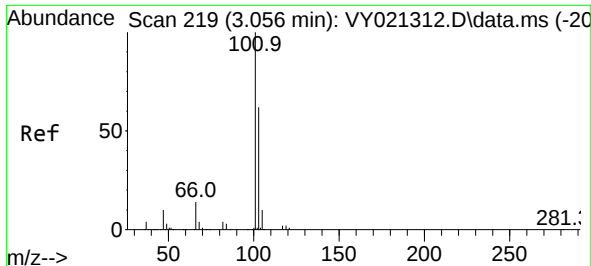


#6
Chloroethane
Concen: 19.670 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



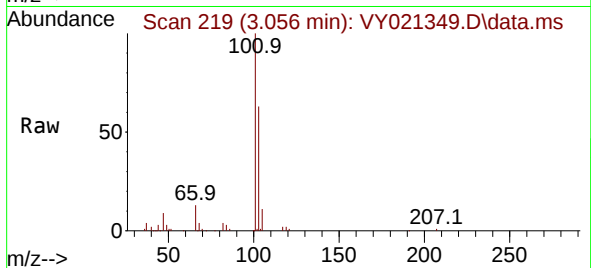
Tgt Ion: 64 Resp: 29123
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 19.522 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021349.D
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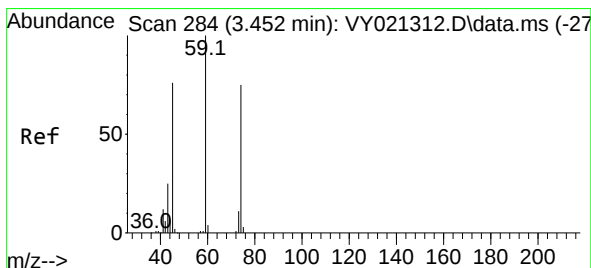
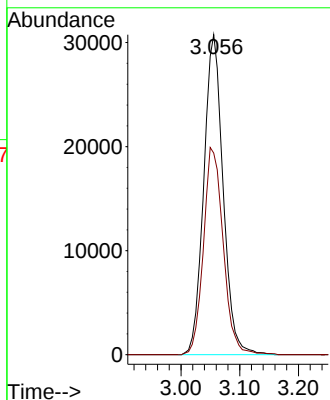
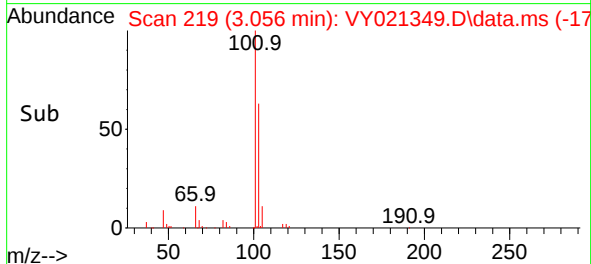
Instrument :
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Tgt Ion:101 Resp: 7039
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.7 74.5

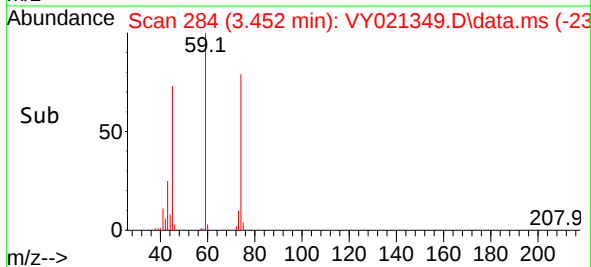
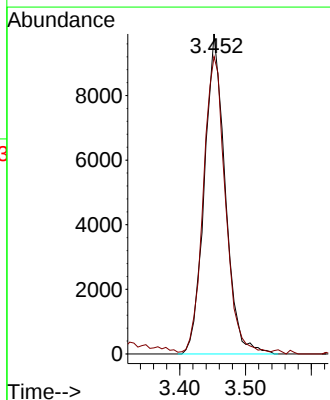
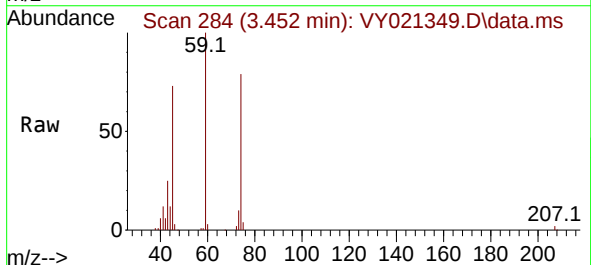
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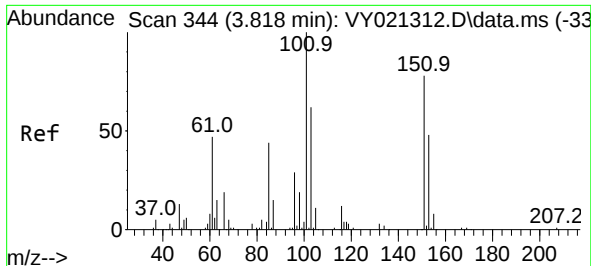
Reviewed By :Mahesh Dadoda 02/28/2025
 Supervised By :Semsettin Yesilyurt 02/28/2025



#8
 Diethyl Ether
 Concen: 20.216 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021349.D
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Tgt Ion: 74 Resp: 21878
 Ion Ratio Lower Upper
 74 100
 45 96.6 50.3 150.9





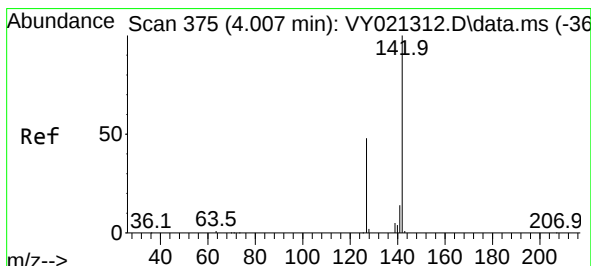
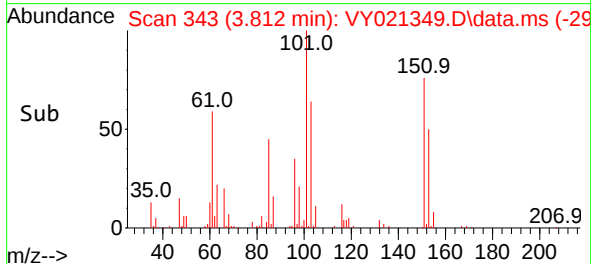
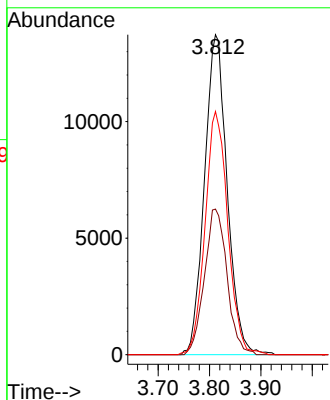
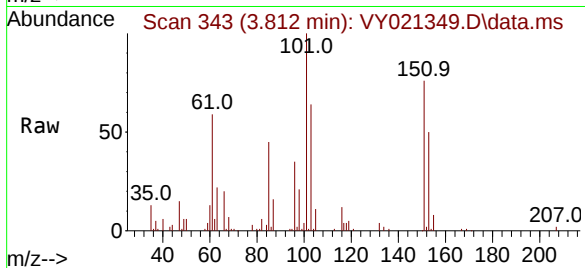
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.206 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Tgt Ion:101 Resp: 4218
Ion Ratio Lower Upper
101 100
85 45.3 36.7 55.1
151 75.9 62.6 94.0

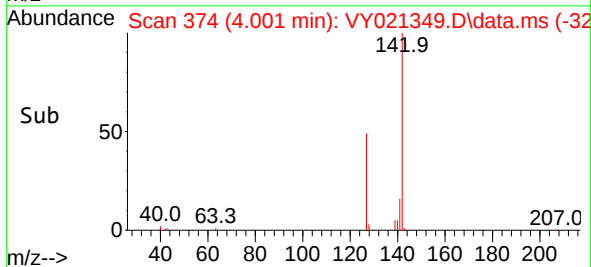
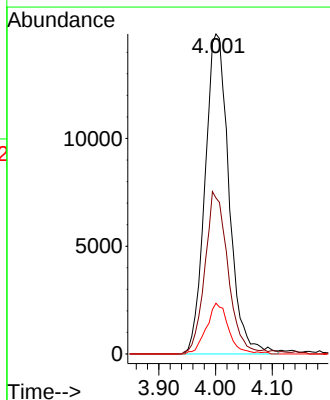
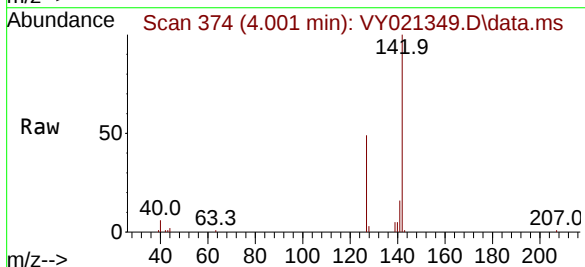
Manual Integrations
APPROVED

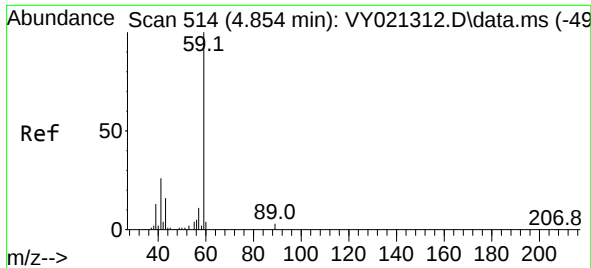
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#10
Methyl Iodide
Concen: 19.847 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

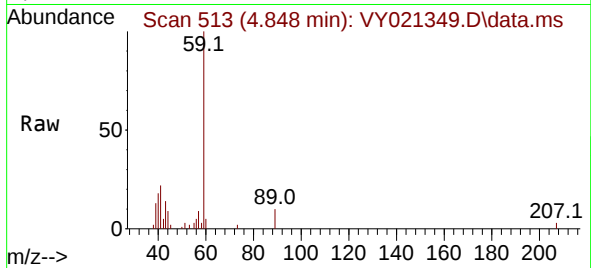
Tgt Ion:142 Resp: 43590
Ion Ratio Lower Upper
142 100
127 49.6 39.2 58.8
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 96.398 ug/l m
RT: 4.848 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

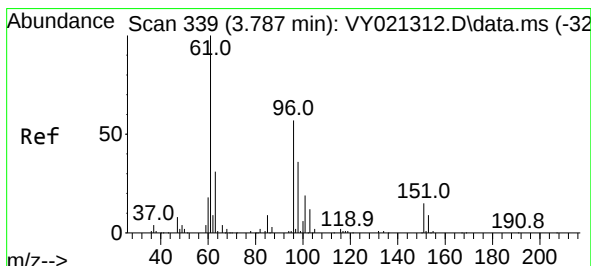
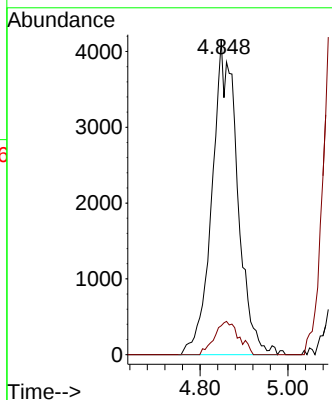
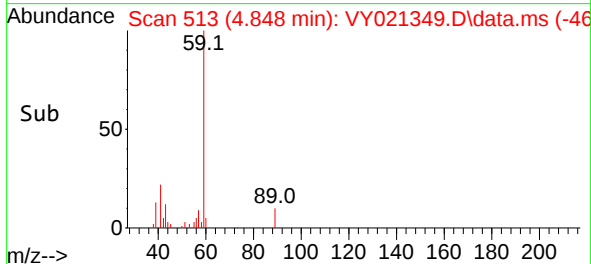
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 59 Resp: 16710
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

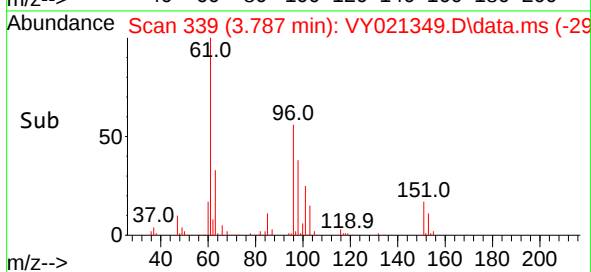
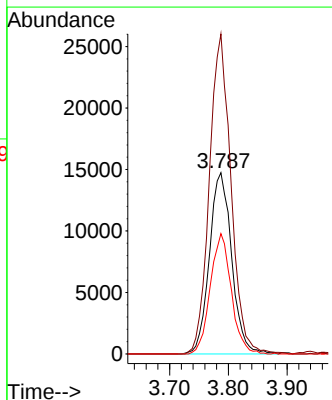
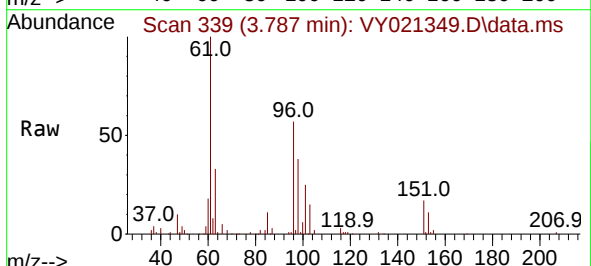
Manual Integrations
APPROVED

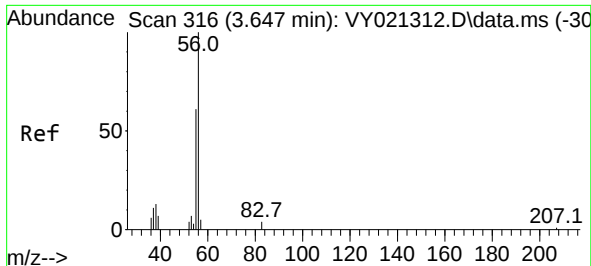
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#12
1,1-Dichloroethene
Concen: 19.483 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

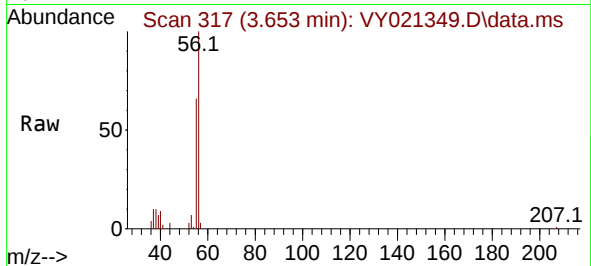
Tgt Ion: 96 Resp: 38944
Ion Ratio Lower Upper
96 100
61 176.5 139.7 209.5
98 66.3 49.7 74.5





#13
Acrolein
Concen: 185.946 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

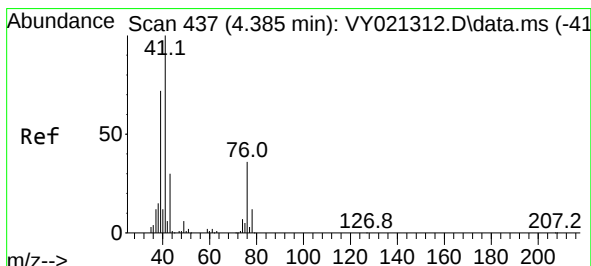
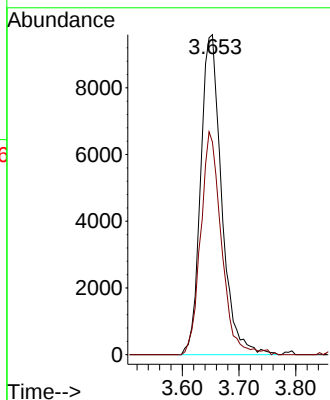
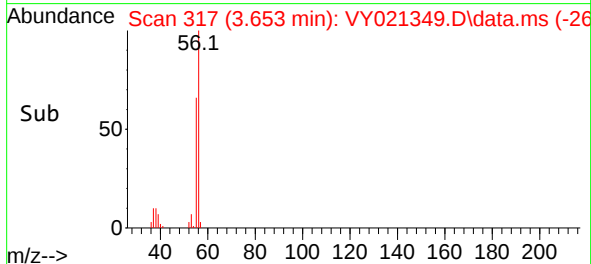
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 56 Resp: 24700
Ion Ratio Lower Upper
56 100
55 69.0 59.0 88.6

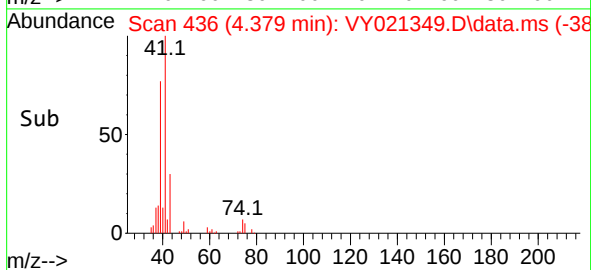
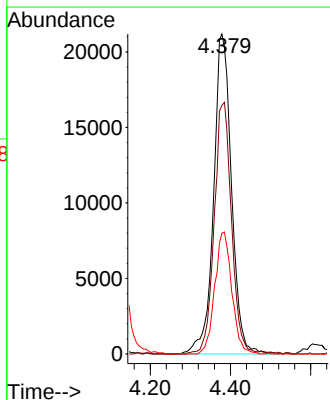
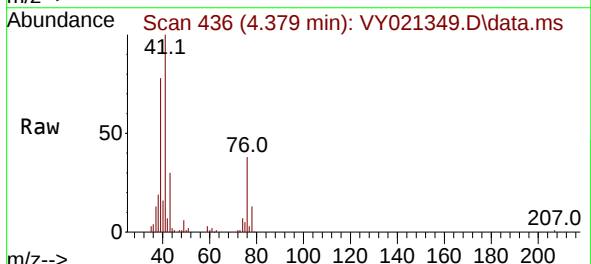
Manual Integrations
APPROVED

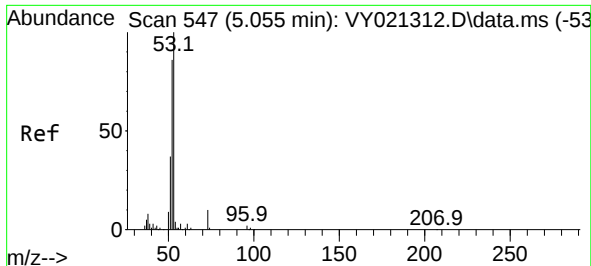
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#14
Allyl chloride
Concen: 18.510 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

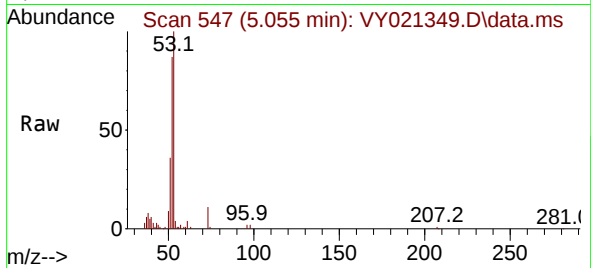
Tgt Ion: 41 Resp: 65599
Ion Ratio Lower Upper
41 100
39 76.3 60.0 90.0
76 36.3 29.0 43.6





#15
Acrylonitrile
Concen: 98.811 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

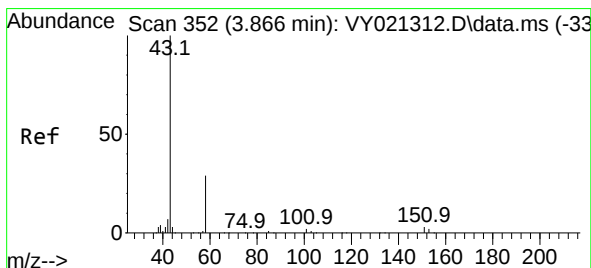
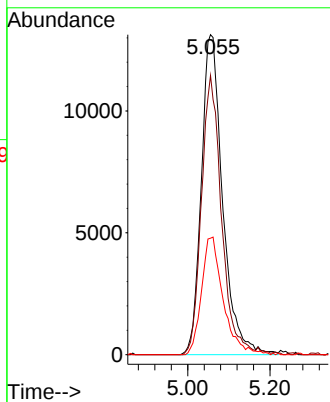
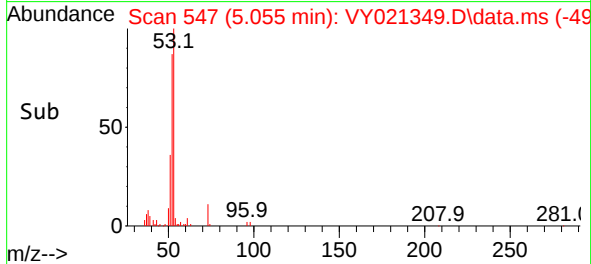
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



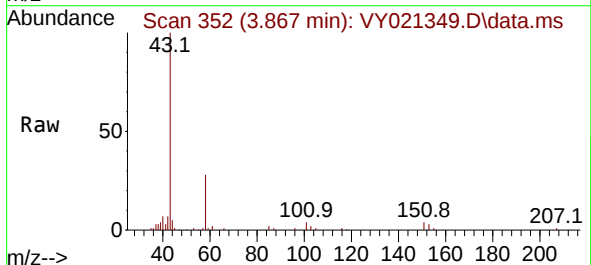
Tgt Ion: 53 Resp: 47280
Ion Ratio Lower Upper
53 100
52 81.7 65.5 98.3
51 37.4 30.6 46.0

Manual Integrations
APPROVED

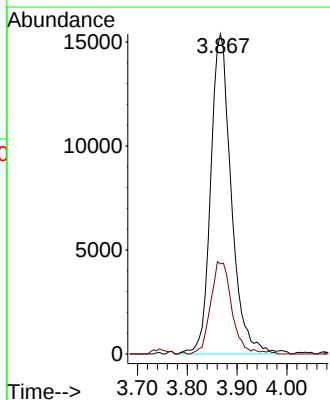
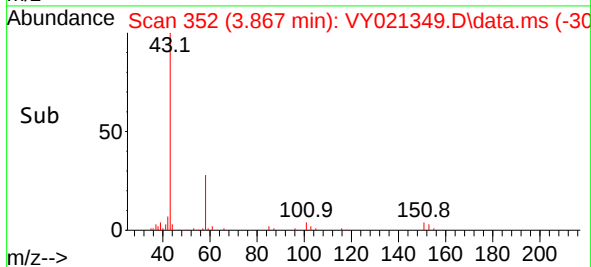
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#16
Acetone
Concen: 102.074 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



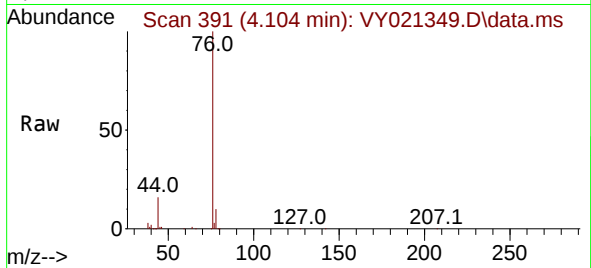
Tgt Ion: 43 Resp: 44126
Ion Ratio Lower Upper
43 100
58 28.1 23.5 35.3





#17
Carbon Disulfide
Concen: 18.407 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

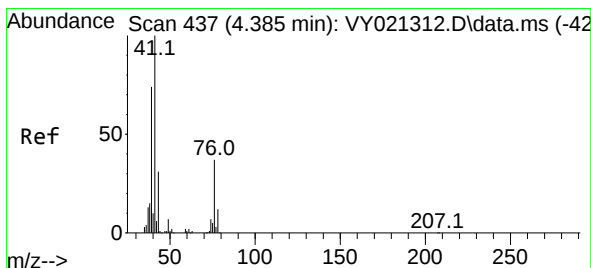
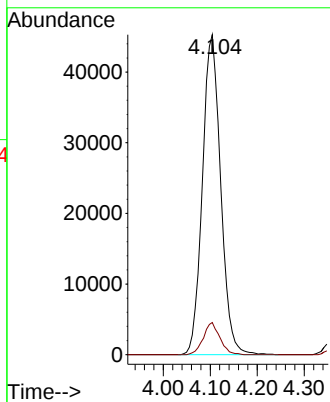
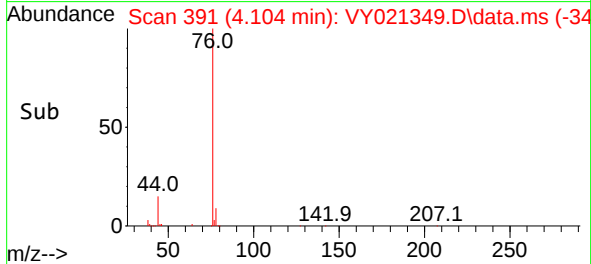
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



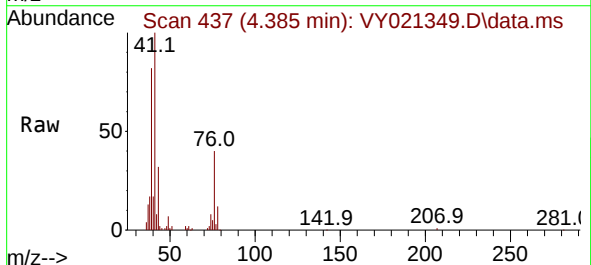
Tgt Ion: 76 Resp: 122170
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7

Manual Integrations
APPROVED

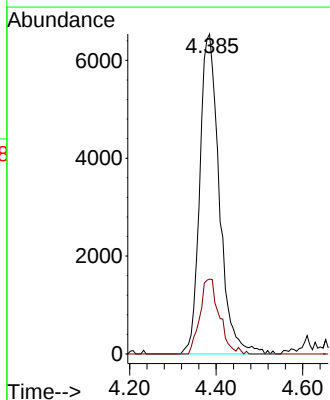
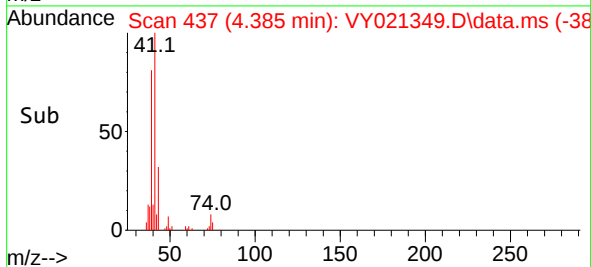
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

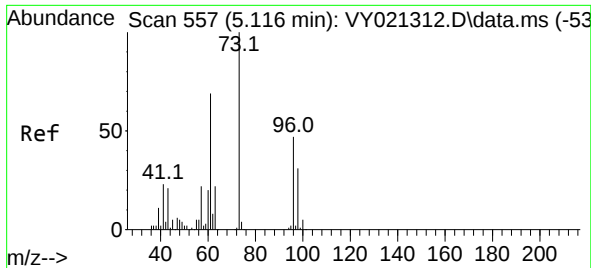


#18
Methyl Acetate
Concen: 19.398 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



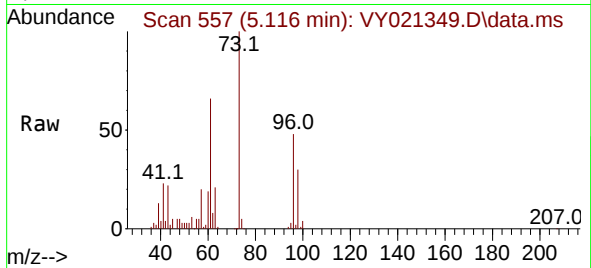
Tgt Ion: 43 Resp: 20494
Ion Ratio Lower Upper
43 100
74 23.3 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 19.896 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

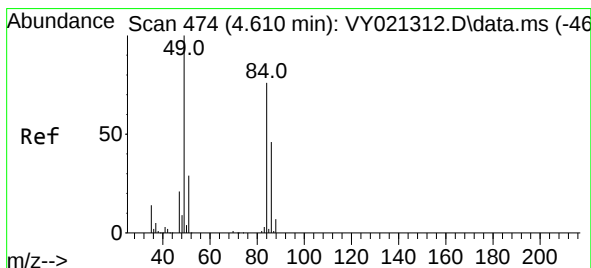
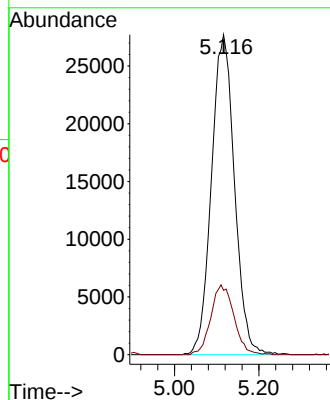
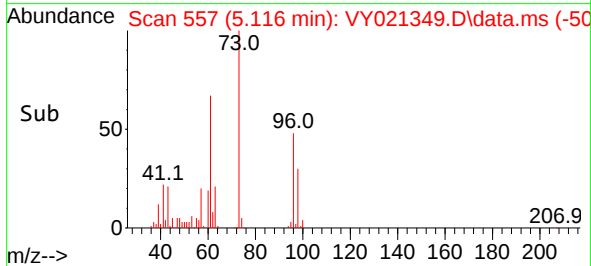
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 73 Resp: 10507
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.0

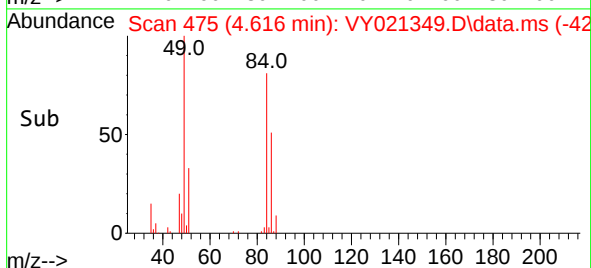
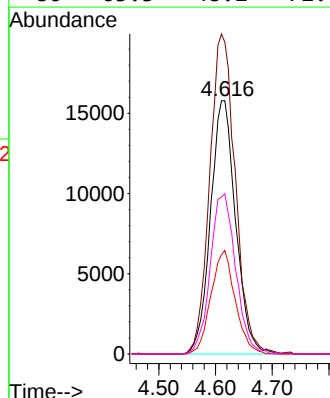
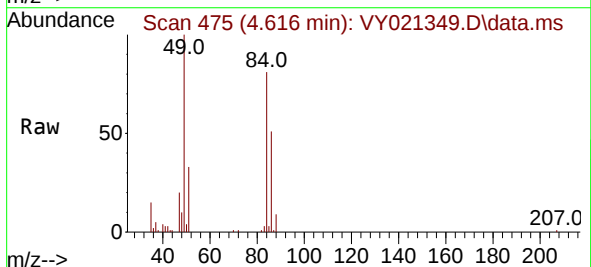
Manual Integrations
APPROVED

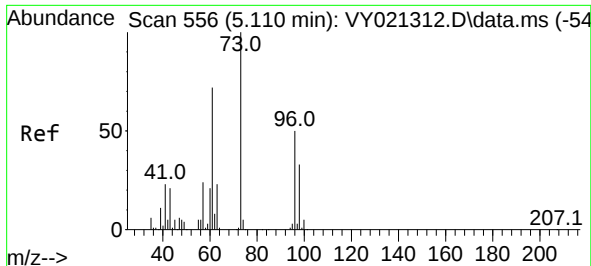
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#20
Methylene Chloride
Concen: 20.806 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

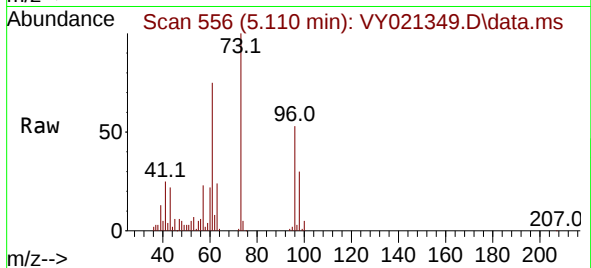
Tgt Ion: 84 Resp: 48638
Ion Ratio Lower Upper
84 100
49 123.2 105.1 157.7
51 40.9 31.0 46.4
86 63.3 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 19.449 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

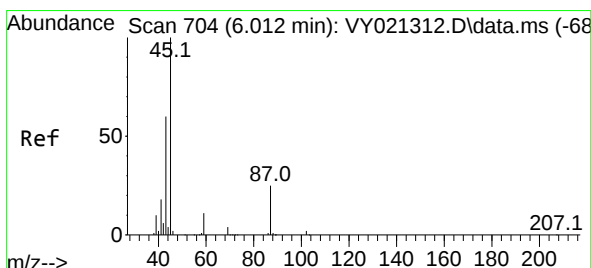
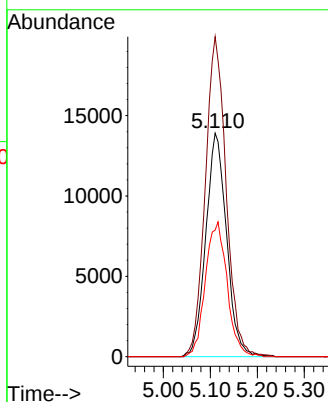
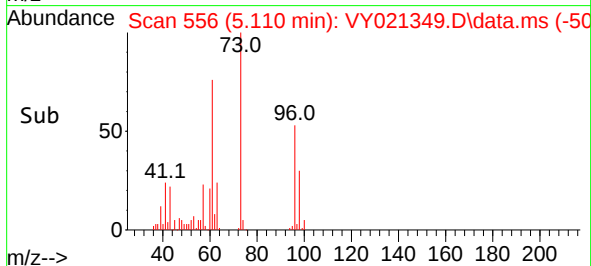
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



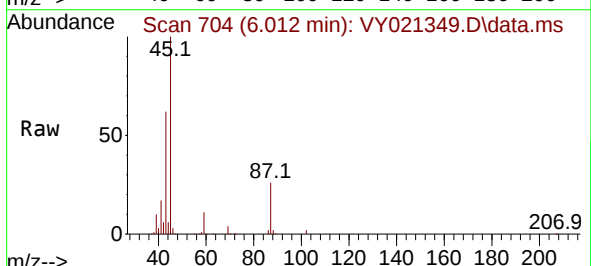
Tgt Ion: 96 Resp: 4279
Ion Ratio Lower Upper
96 100
61 143.1 116.3 174.5
98 56.6 52.6 78.8

Manual Integrations
APPROVED

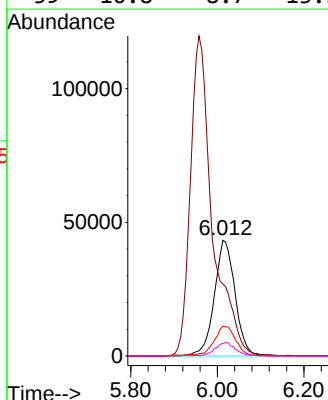
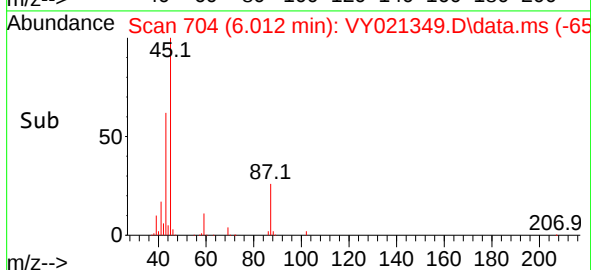
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

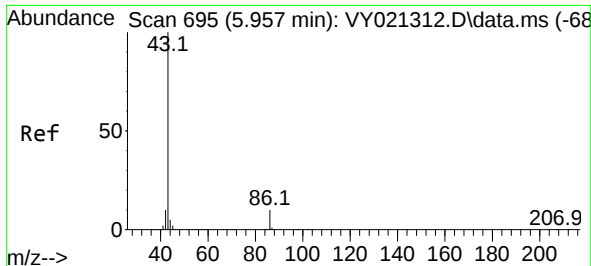


#22
Diisopropyl ether
Concen: 19.625 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



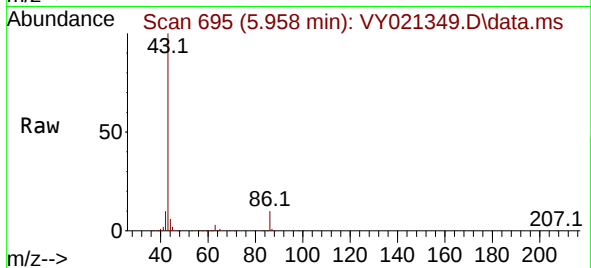
Tgt Ion: 45 Resp: 143925
Ion Ratio Lower Upper
45 100
43 61.7 48.2 72.4
87 25.8 20.3 30.5
59 10.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 96.470 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

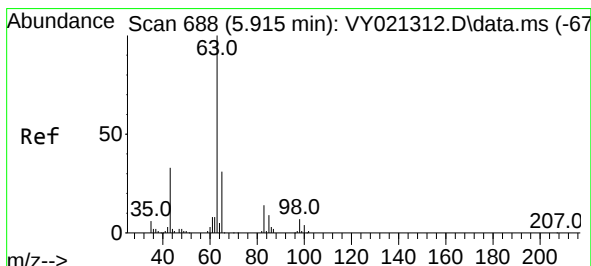
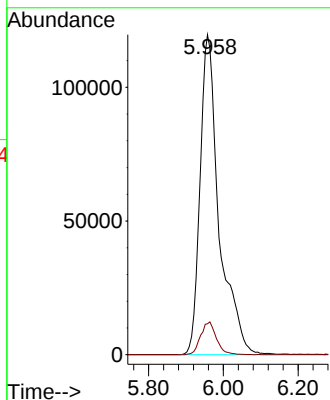
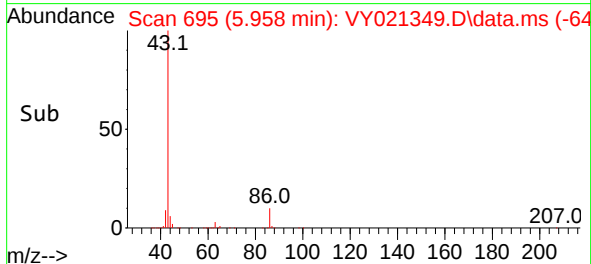
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBSD01



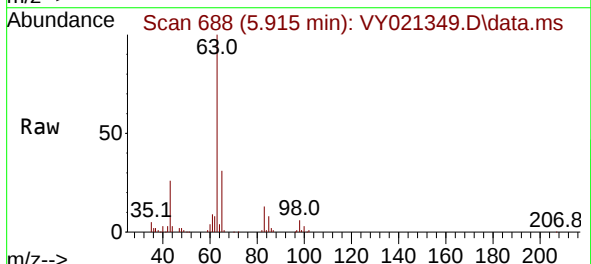
Tgt Ion: 43 Resp: 422760
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0

Manual Integrations
 APPROVED

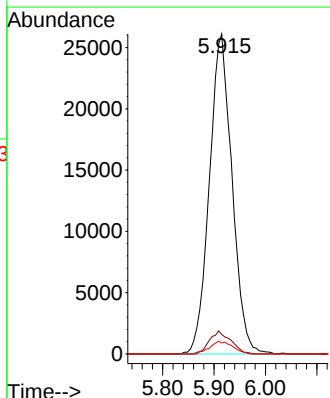
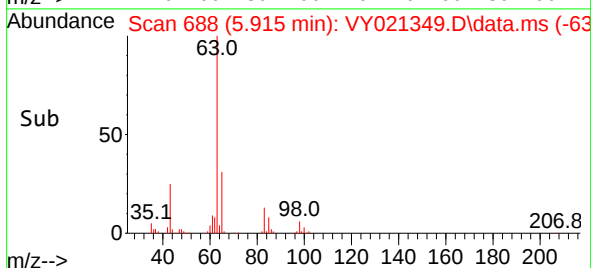
Reviewed By :Mahesh Dadoda 02/28/2025
 Supervised By :Semsettin Yesilyurt 02/28/2025

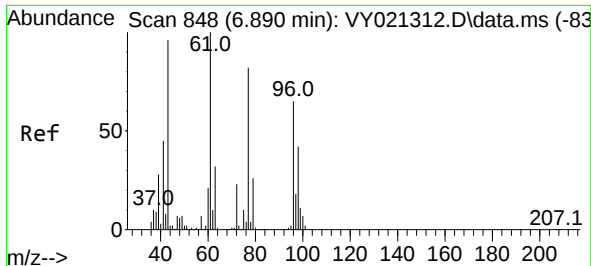


#24
 1,1-Dichloroethane
 Concen: 19.319 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40



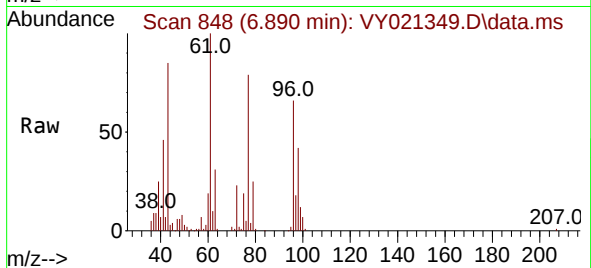
Tgt Ion: 63 Resp: 79851
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.7 11.1
 100 3.4 2.1 6.5





#25
2-Butanone
Concen: 100.301 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

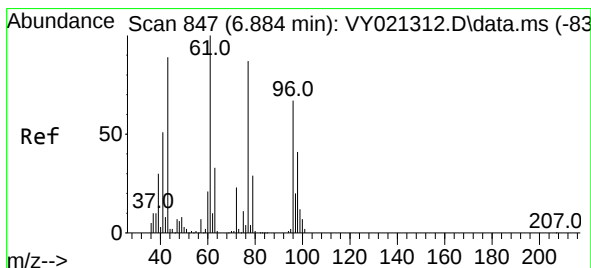
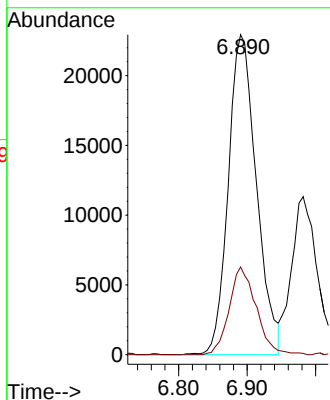
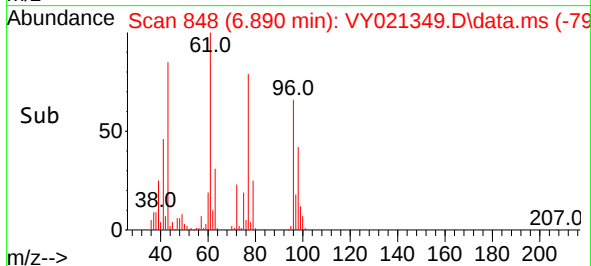
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



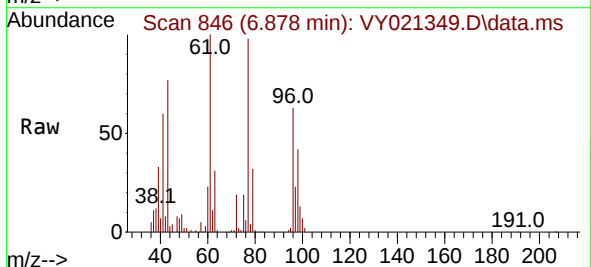
Tgt Ion: 43 Resp: 65440
Ion Ratio Lower Upper
43 100
72 27.4 19.0 28.6

Manual Integrations
APPROVED

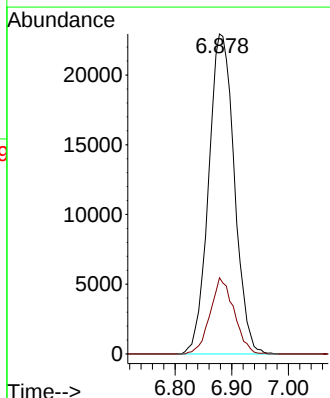
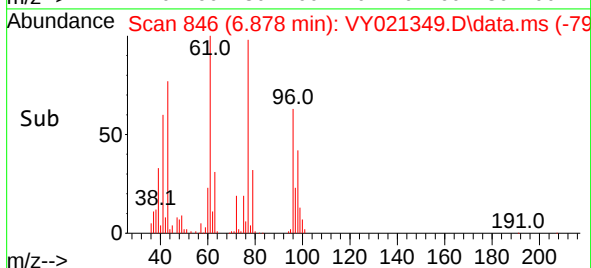
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

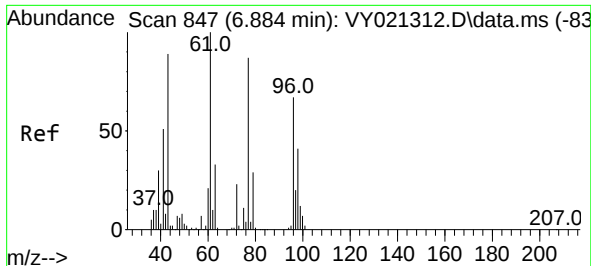


#26
2,2-Dichloropropane
Concen: 19.269 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



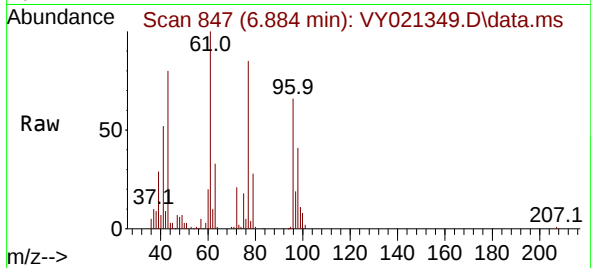
Tgt Ion: 77 Resp: 72271
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.710 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

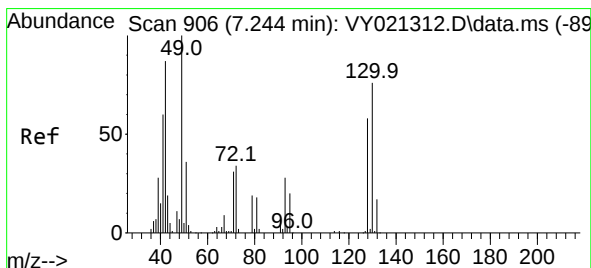
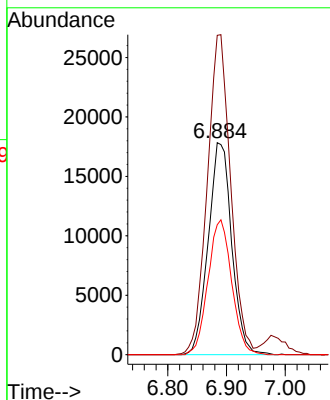
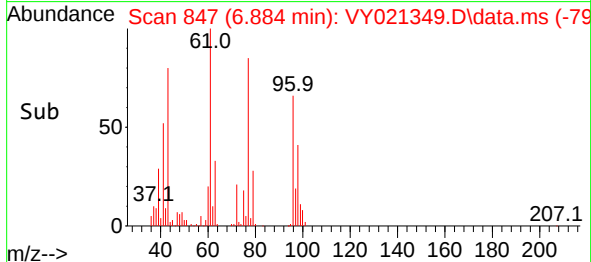
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBSD01



Tgt Ion: 96 Resp: 4952
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 308.0
 98 64.1 0.0 129.6

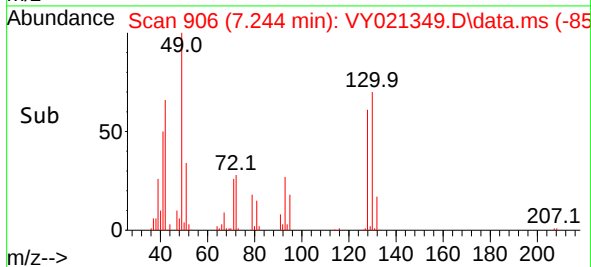
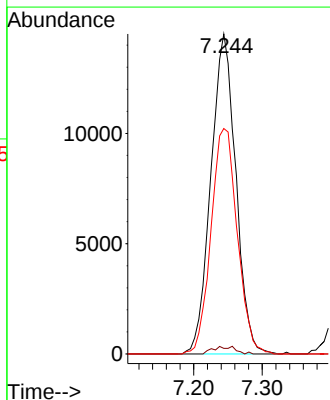
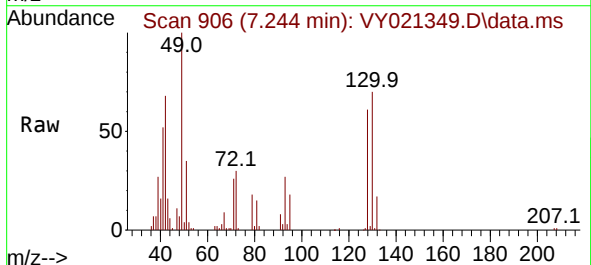
Manual Integrations
 APPROVED

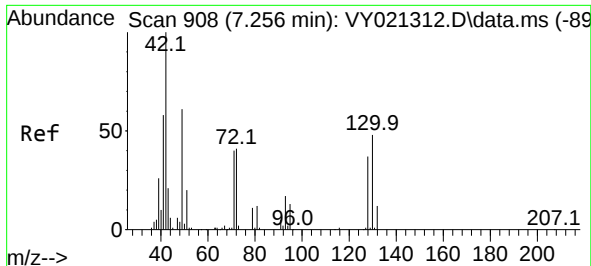
Reviewed By :Mahesh Dadoda 02/28/2025
 Supervised By :Semsettin Yesilyurt 02/28/2025



#28
 Bromochloromethane
 Concen: 20.054 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

Tgt Ion: 49 Resp: 36677
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 74.0 57.8 86.6





#29

Tetrahydrofuran

Concen: 98.745 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

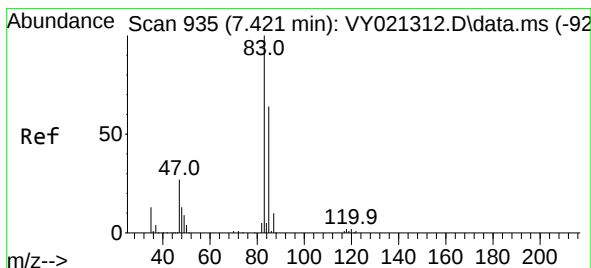
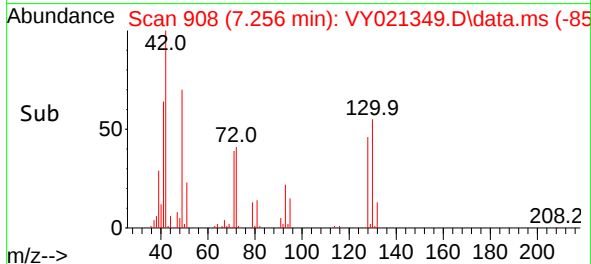
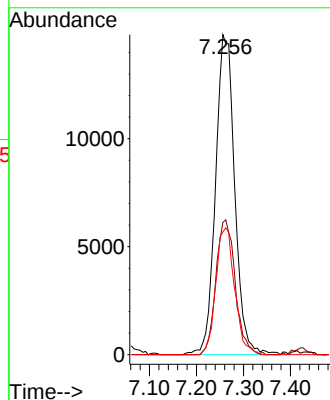
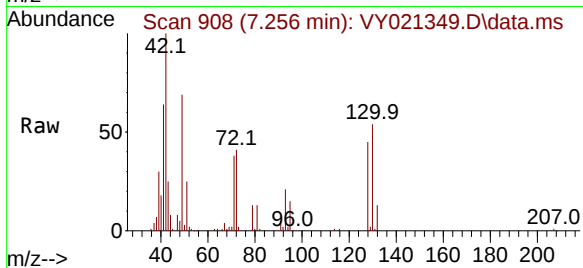
VY0227SBSD01

Tgt Ion:	42	Resp:	4211
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.1	49.7
71	39.0	31.4	47.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#30

Chloroform

Concen: 19.915 ug/l

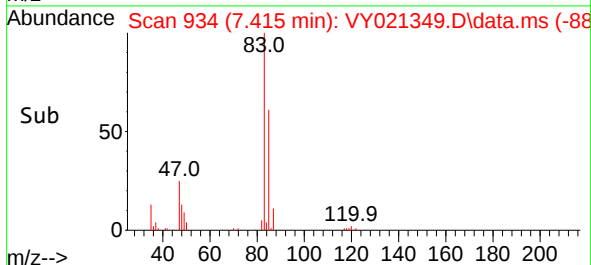
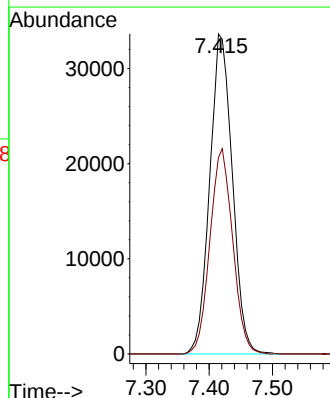
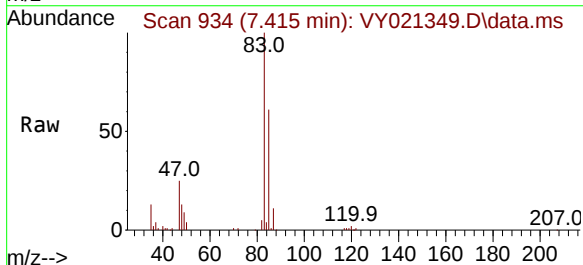
RT: 7.415 min Scan# 934

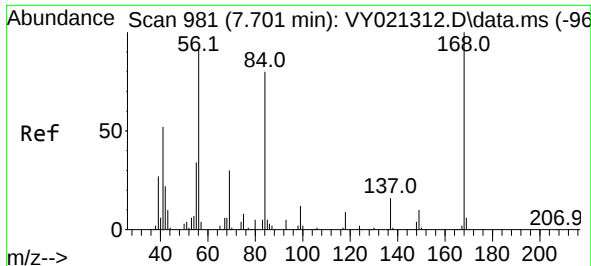
Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

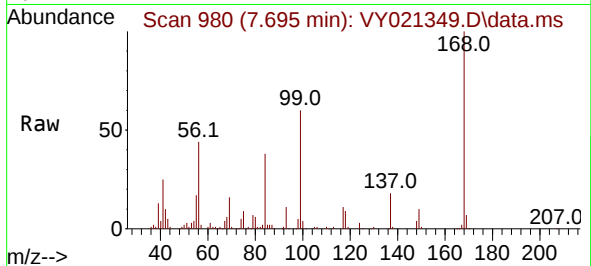
Tgt Ion:	83	Resp:	83409
Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.6	77.4





#31
Cyclohexane
Concen: 18.172 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

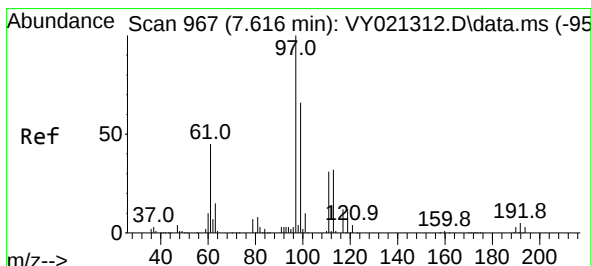
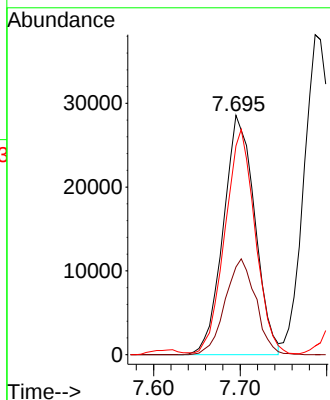
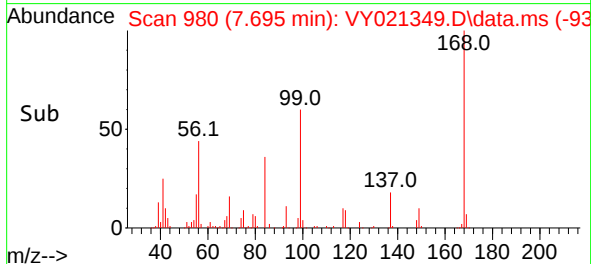
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 56 Resp: 72200
Ion Ratio Lower Upper
56 100
69 36.6 26.2 39.4
84 86.0 70.2 105.4

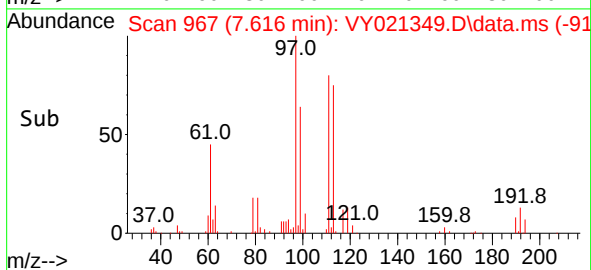
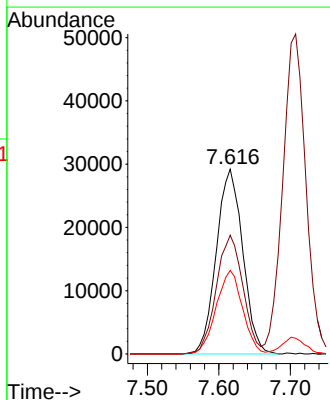
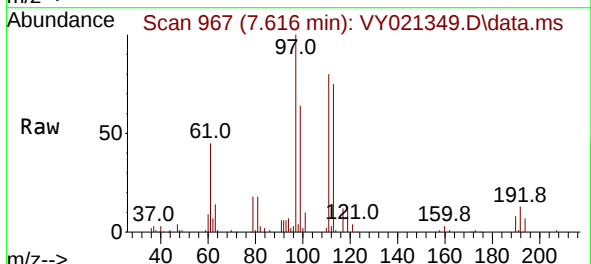
Manual Integrations
APPROVED

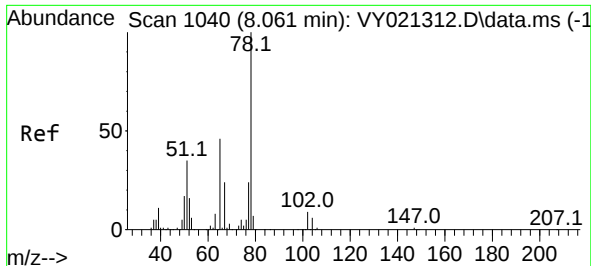
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 19.686 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 97 Resp: 75049
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 44.9 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 45.236 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

Tgt Ion: 65 Resp: 101944

Ion Ratio Lower Upper

65 100

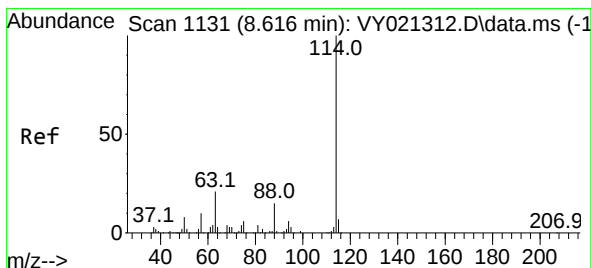
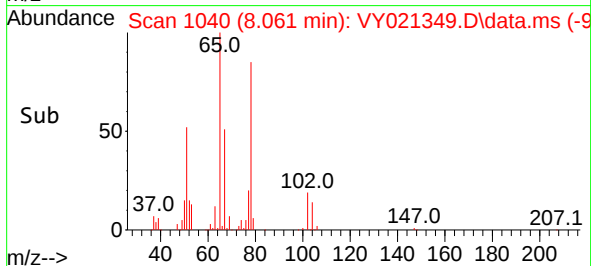
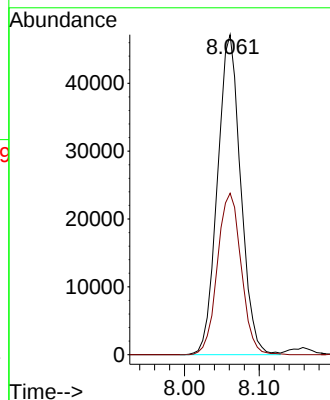
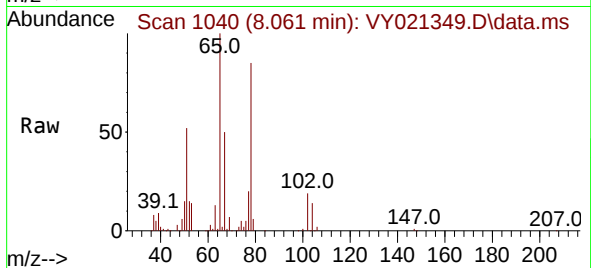
67 51.8 0.0 103.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/28/2025

Supervised By :Semsettin Yesilyurt 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

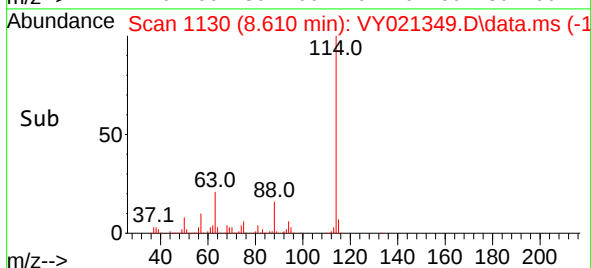
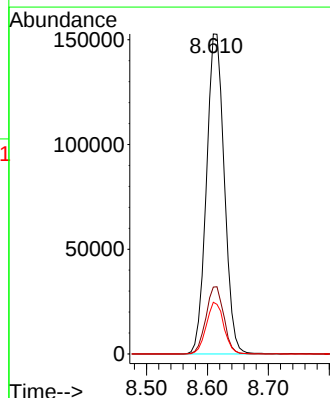
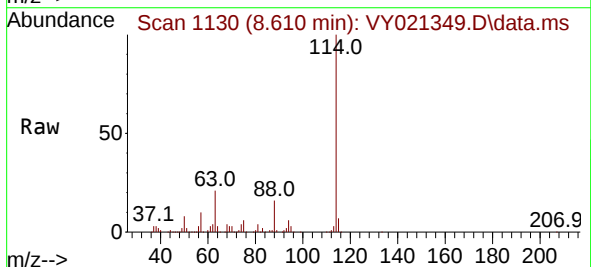
Tgt Ion:114 Resp: 310671

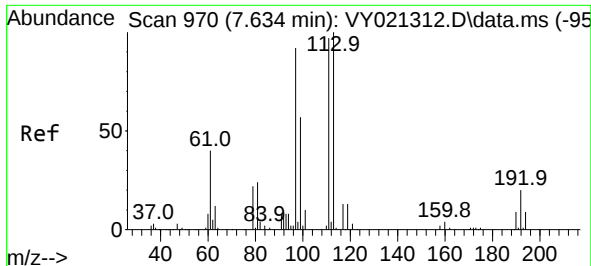
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

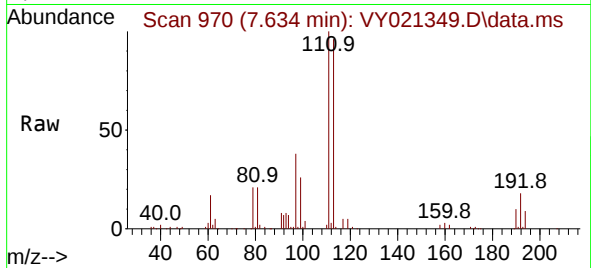
88 16.1 0.0 29.8





#35
Dibromofluoromethane
Concen: 45.586 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

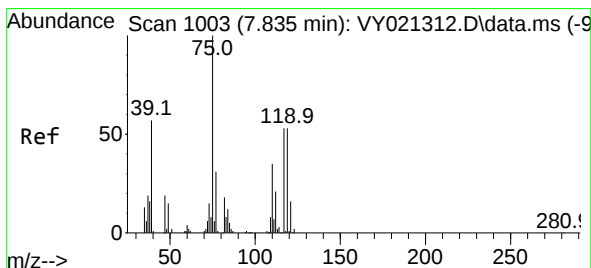
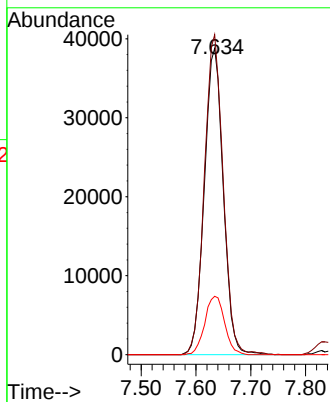
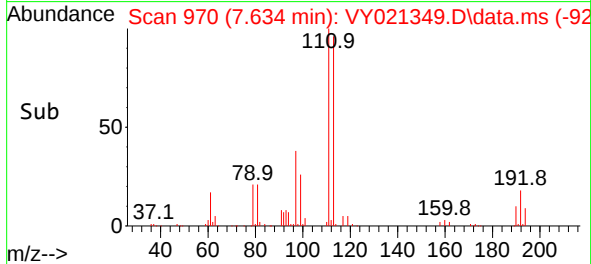
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



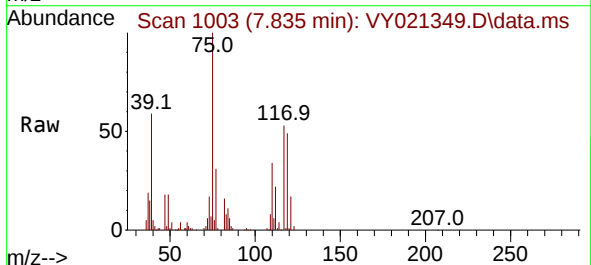
Tgt Ion: 113 Resp: 92849
Ion Ratio Lower Upper
113 100
111 103.7 81.0 121.6
192 20.0 15.8 23.8

Manual Integrations
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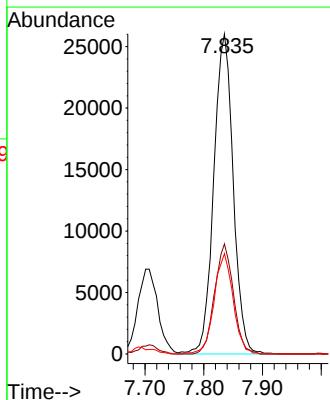
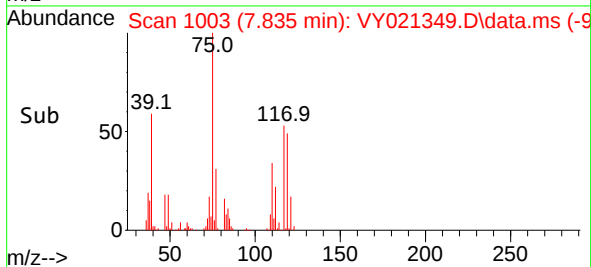
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

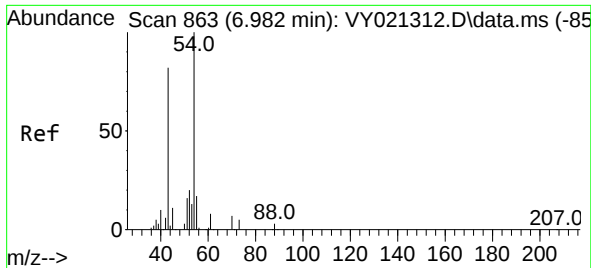


#36
1,1-Dichloropropene
Concen: 19.578 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



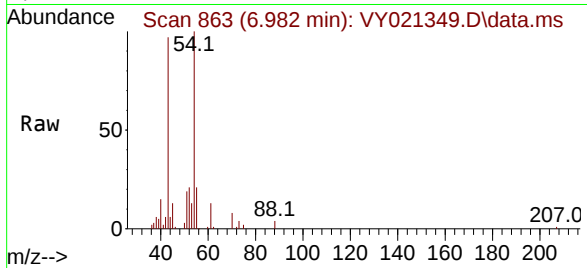
Tgt Ion: 75 Resp: 59900
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.7
77 30.6 24.6 36.8





#37
Ethyl Acetate
Concen: 19.572 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

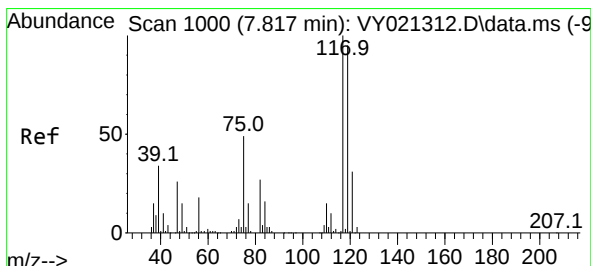
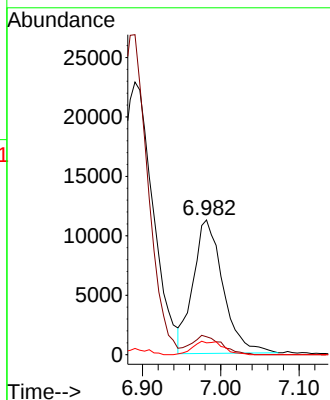
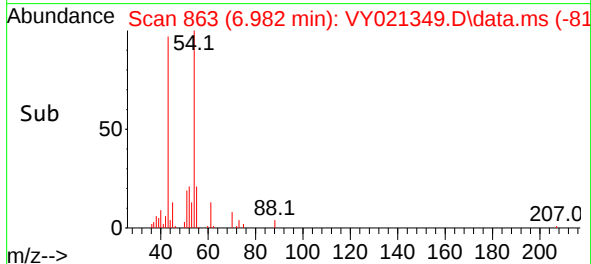
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 43 Resp: 29780
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 10.0 7.5 11.3

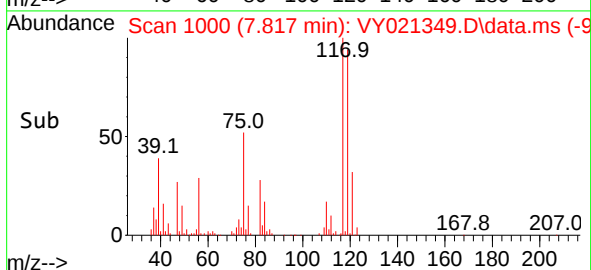
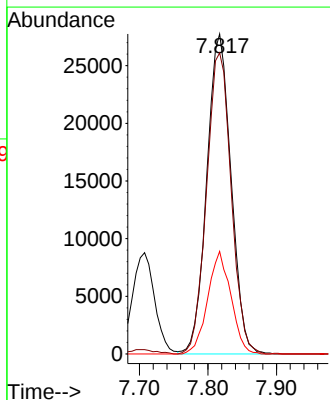
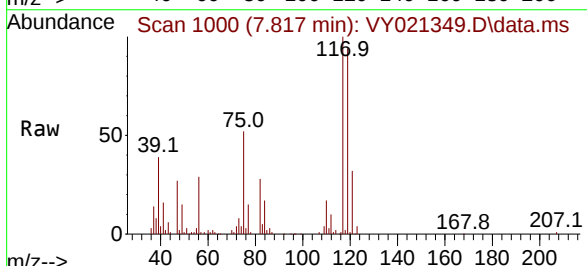
Manual Integrations
APPROVED

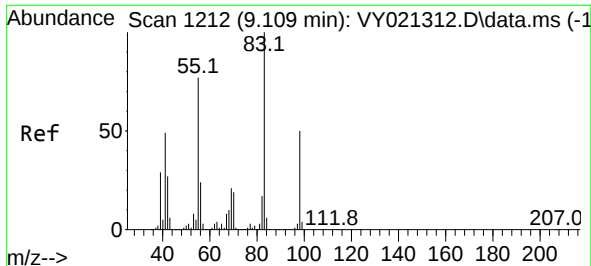
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#38
Carbon Tetrachloride
Concen: 19.849 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

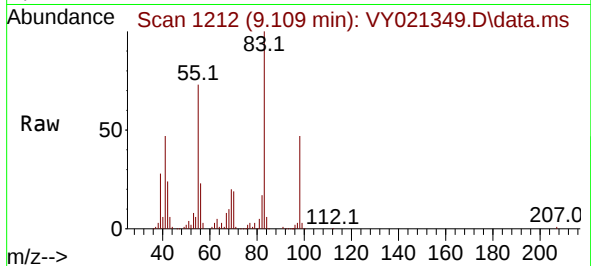
Tgt Ion:117 Resp: 68272
Ion Ratio Lower Upper
117 100
119 94.1 76.0 114.0
121 32.0 24.9 37.3





#39
Methylcyclohexane
Concen: 19.243 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

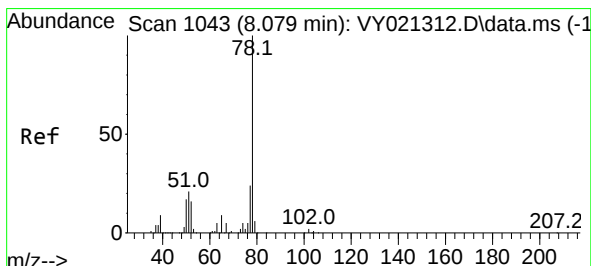
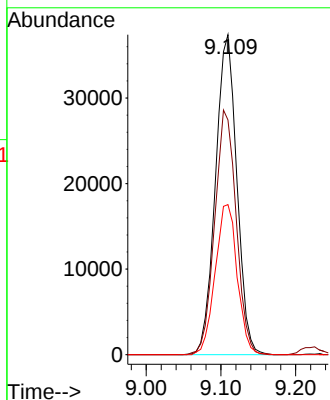
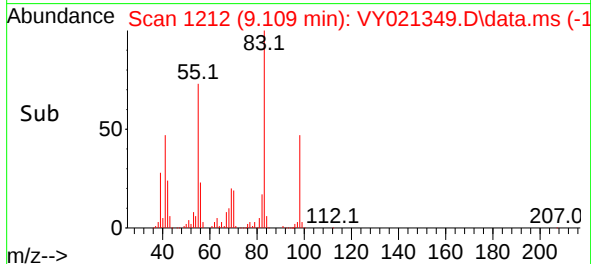
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 83 Resp: 7446
Ion Ratio Lower Upper
83 100
55 73.4 61.3 91.9
98 46.9 39.9 59.9

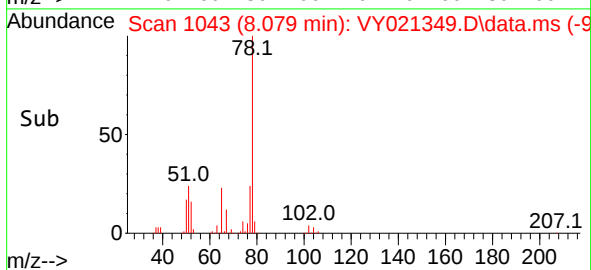
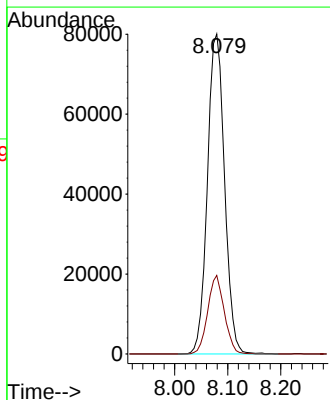
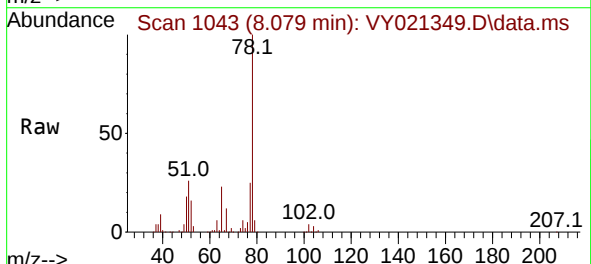
Manual Integrations
APPROVED

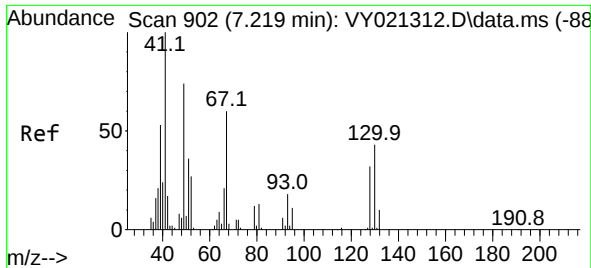
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#40
Benzene
Concen: 19.844 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

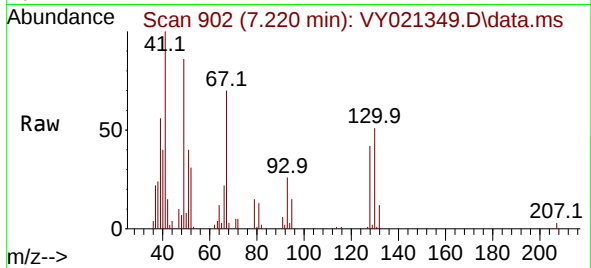
Tgt Ion: 78 Resp: 179474
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8





#41
Methacrylonitrile
Concen: 17.942 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

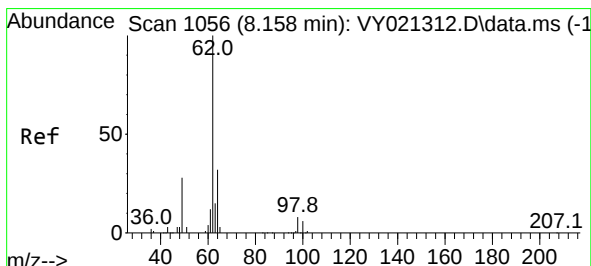
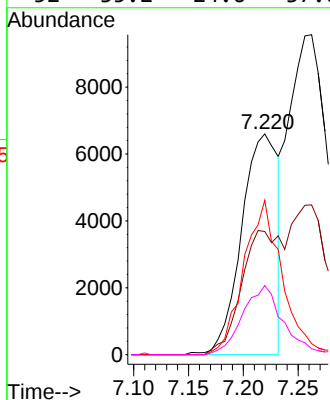
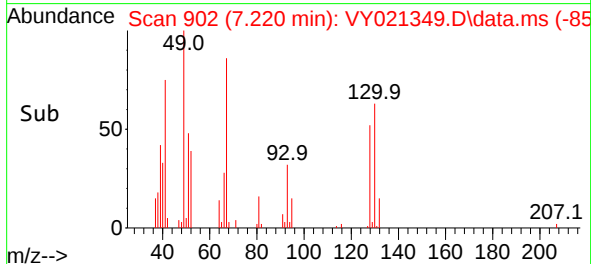
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion:	41	Resp:	1526
Ion Ratio	Lower	Upper	
41	100		
39	64.0	42.3	63.5
67	73.8	54.8	82.2
52	35.2	24.6	37.0

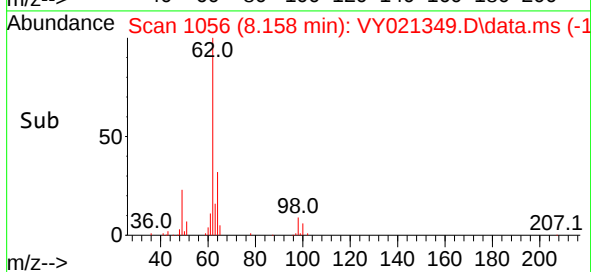
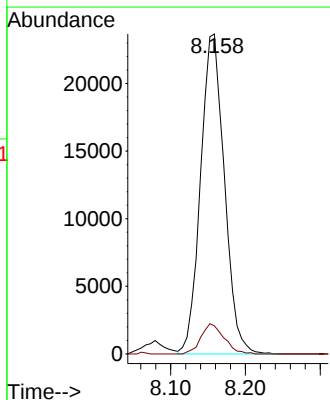
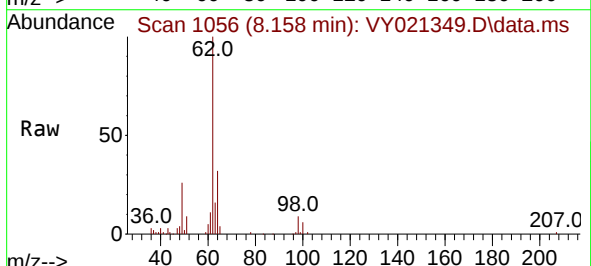
Manual Integrations
APPROVED

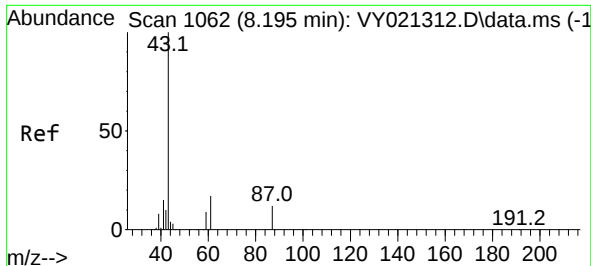
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#42
1,2-Dichloroethane
Concen: 20.417 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

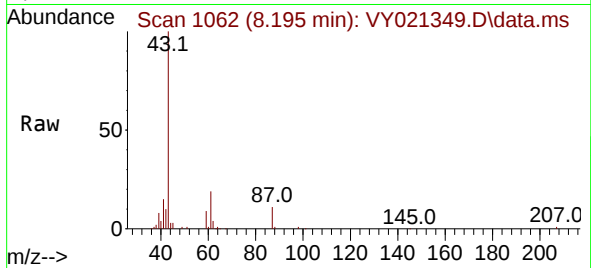
Tgt Ion:	62	Resp:	52390
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	17.6





#43
Isopropyl Acetate
Concen: 19.779 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

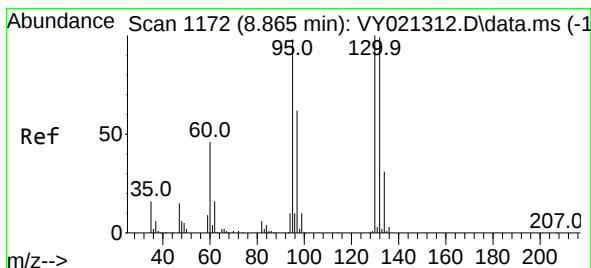
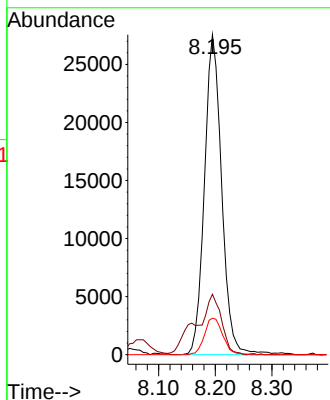
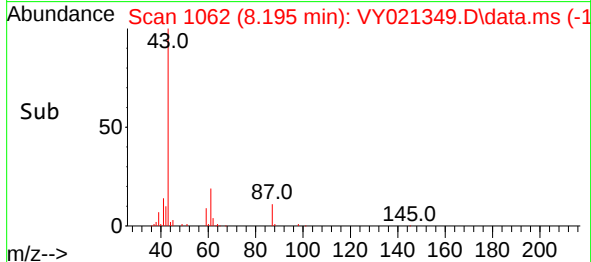
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 43 Resp: 58264
Ion Ratio Lower Upper
43 100
61 18.3 15.0 22.6
87 12.0 10.0 15.0

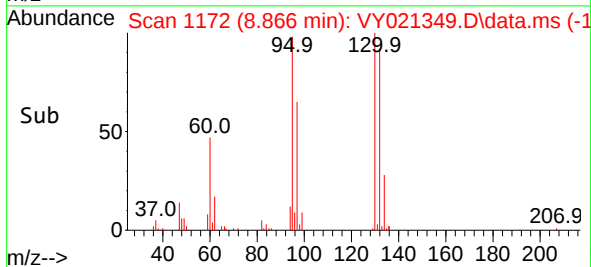
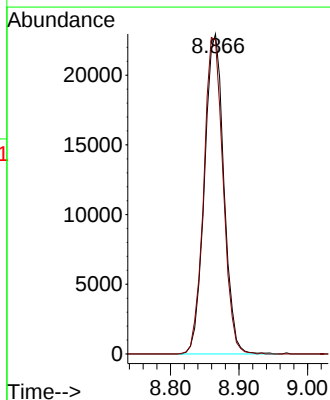
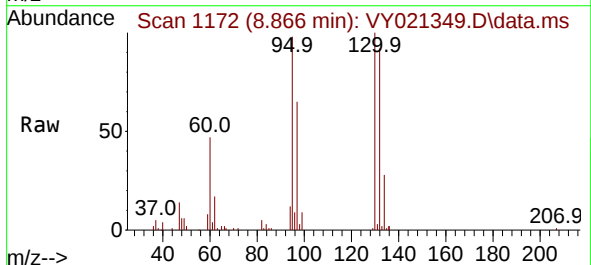
Manual Integrations
APPROVED

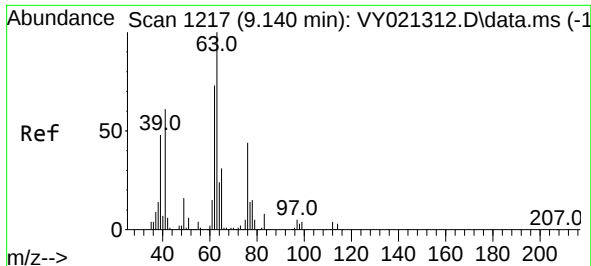
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#44
Trichloroethene
Concen: 19.959 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:130 Resp: 45194
Ion Ratio Lower Upper
130 100
95 98.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.575 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBSD01

Tgt Ion: 63 Resp: 4260

Ion Ratio Lower Upper

63 100

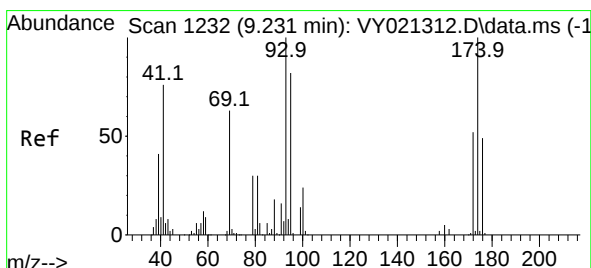
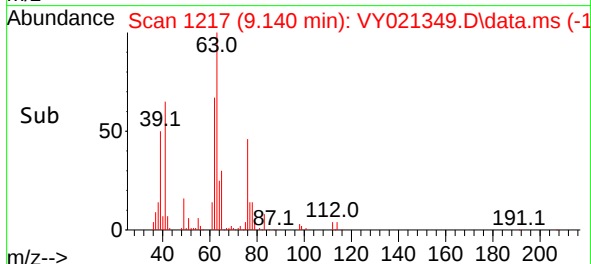
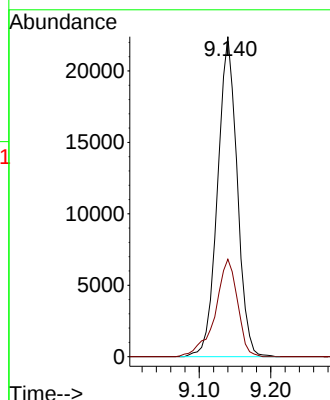
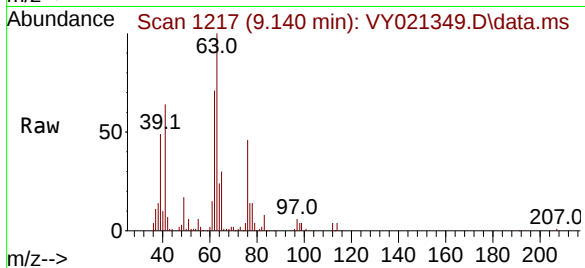
65 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025

Supervised By :Semsettin Yesilyurt 02/28/2025



#46

Dibromomethane

Concen: 20.287 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

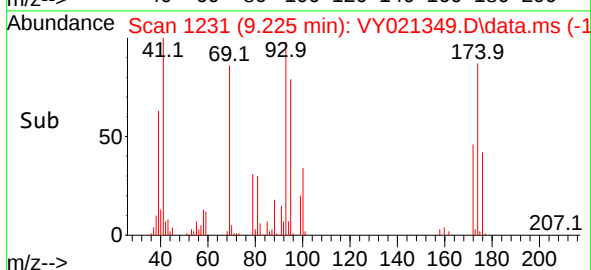
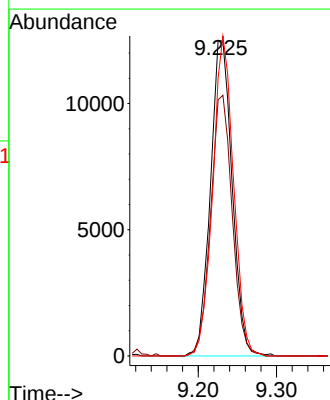
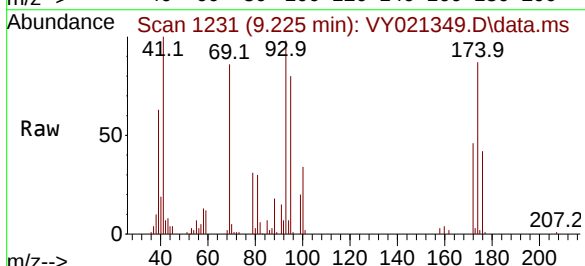
Tgt Ion: 93 Resp: 24136

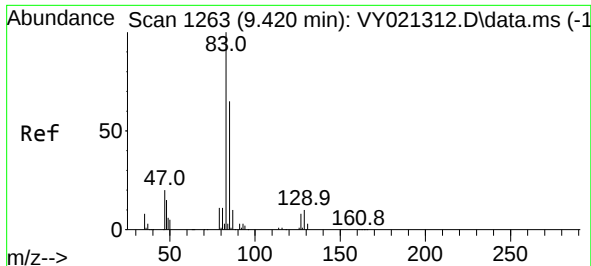
Ion Ratio Lower Upper

93 100

95 82.1 66.4 99.6

174 97.0 78.2 117.2





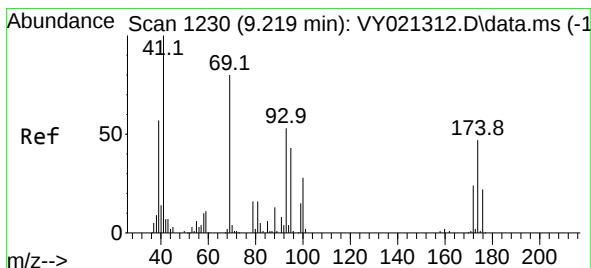
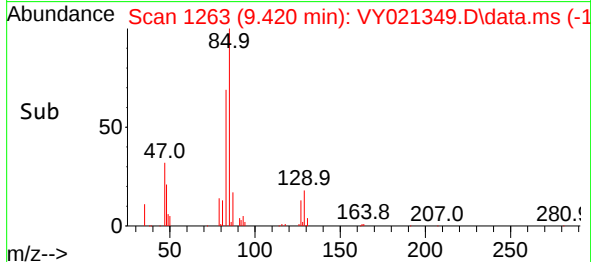
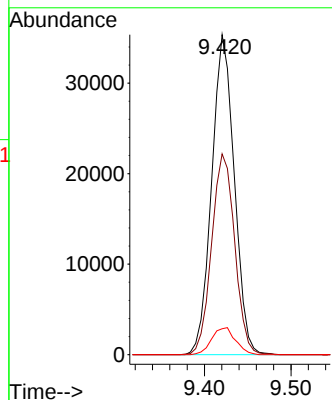
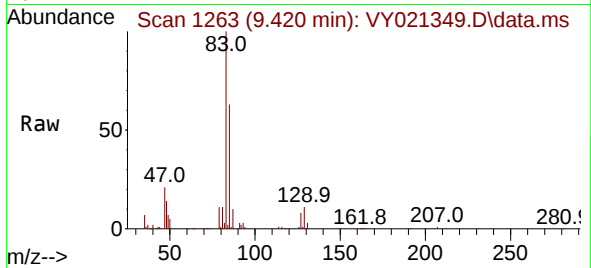
#47
Bromodichloromethane
Concen: 20.183 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Tgt Ion: 83 Resp: 6402
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8
127 8.1 6.7 10.1

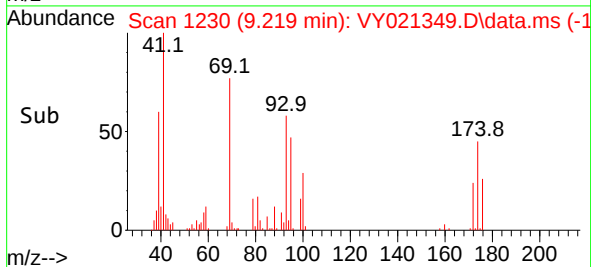
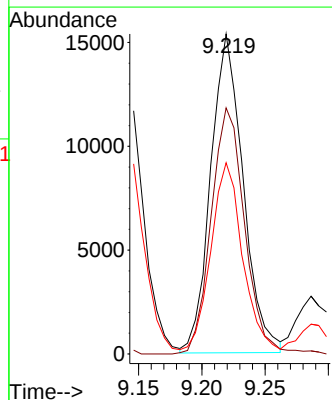
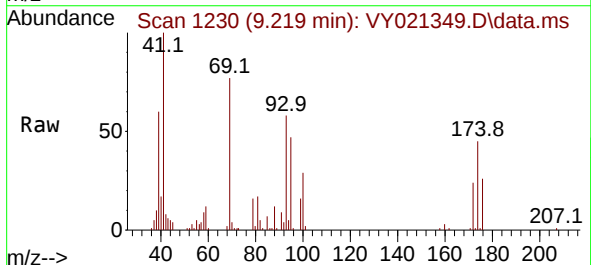
Manual Integrations
APPROVED

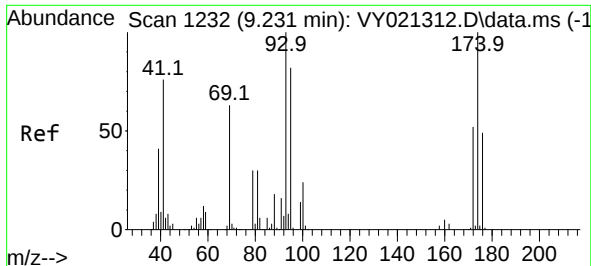
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#48
Methyl methacrylate
Concen: 19.891 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

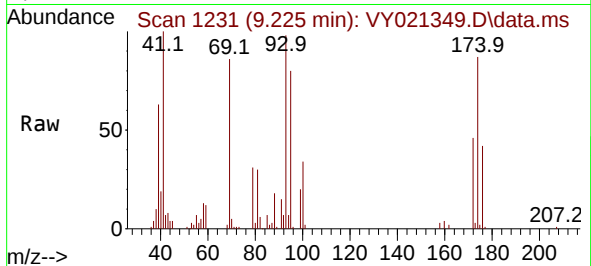
Tgt Ion: 41 Resp: 27400
Ion Ratio Lower Upper
41 100
69 79.9 63.3 94.9
39 56.9 45.0 67.6





#49
1,4-Dioxane
Concen: 396.870 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

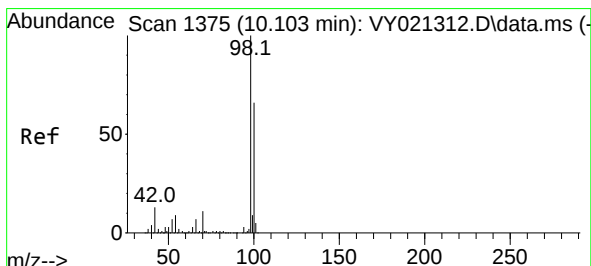
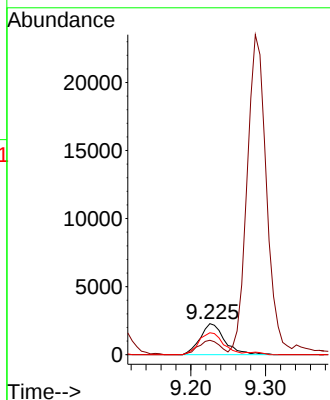
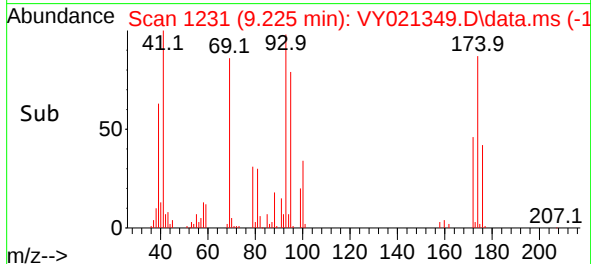
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 88 Resp: 5250
Ion Ratio Lower Upper
88 100
43 41.0 34.8 52.2
58 69.6 59.8 89.6

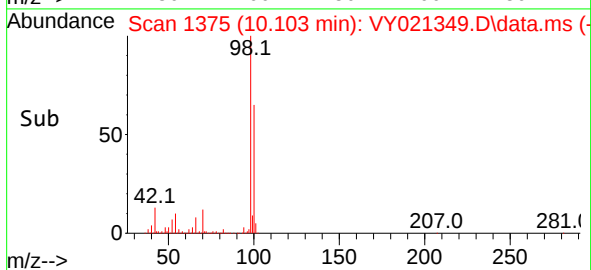
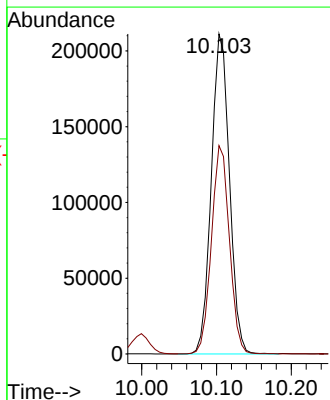
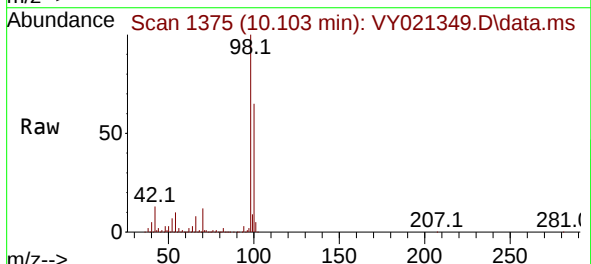
Manual Integrations
APPROVED

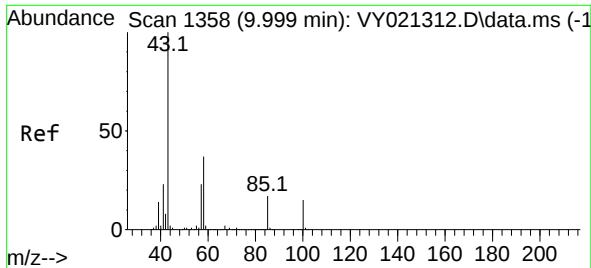
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#50
Toluene-d8
Concen: 45.313 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 98 Resp: 356688
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6





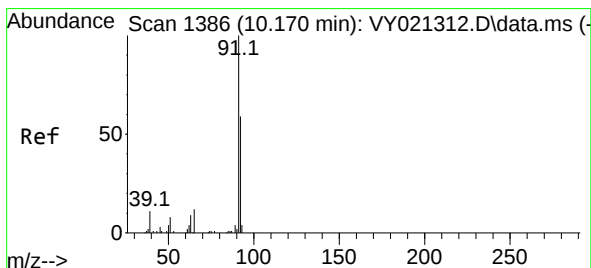
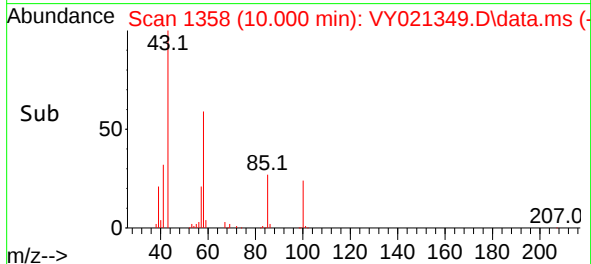
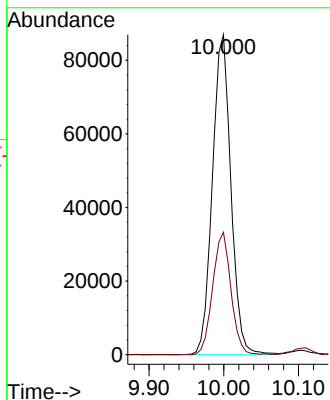
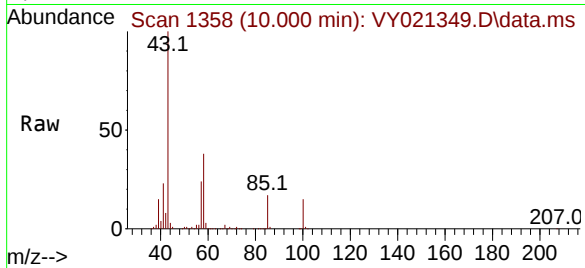
#51
4-Methyl-2-Pentanone
Concen: 99.200 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Tgt Ion: 43 Resp: 14958
Ion Ratio Lower Upper
43 100
58 37.8 30.1 45.1

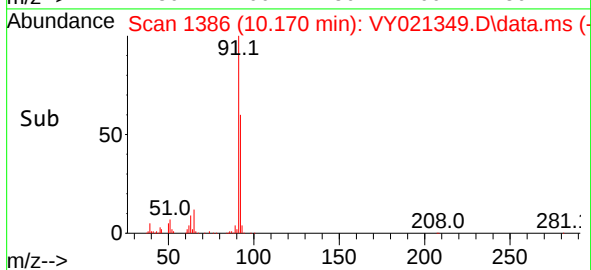
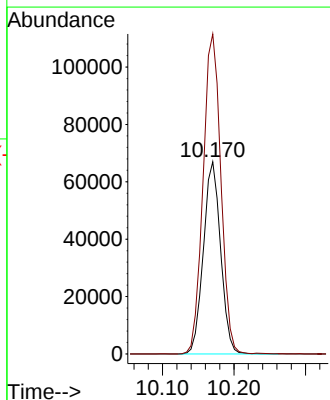
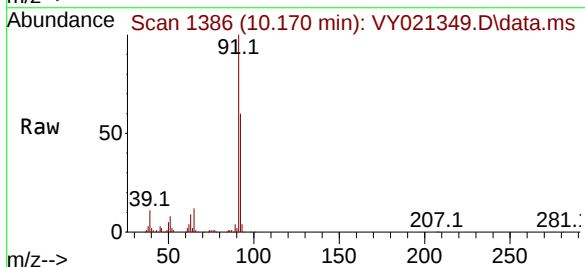
Manual Integrations
APPROVED

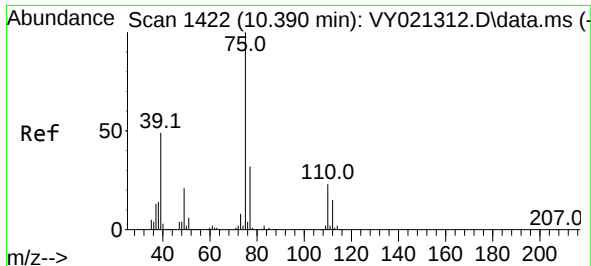
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#52
Toluene
Concen: 19.915 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 92 Resp: 111889
Ion Ratio Lower Upper
92 100
91 171.8 137.8 206.8





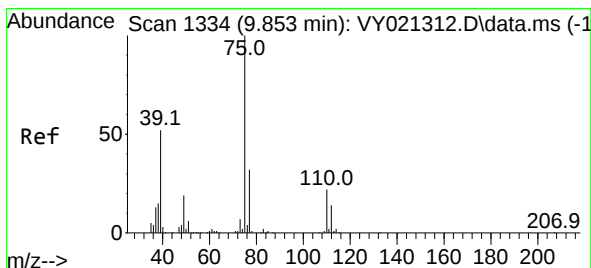
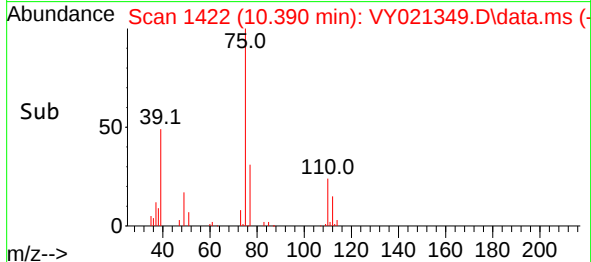
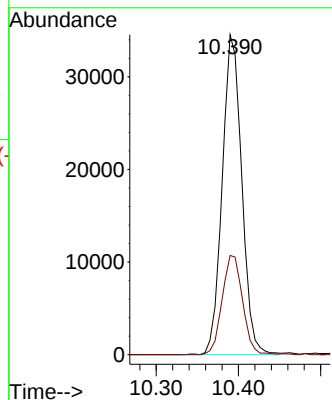
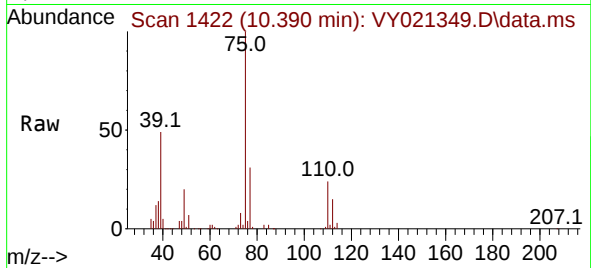
#53
 t-1,3-Dichloropropene
 Concen: 19.655 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBSD01

Tgt Ion: 75 Resp: 5712
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9

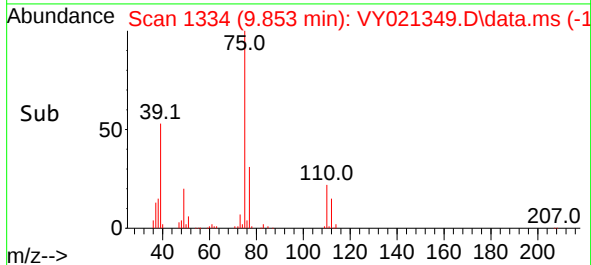
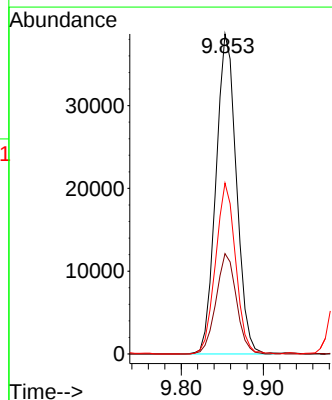
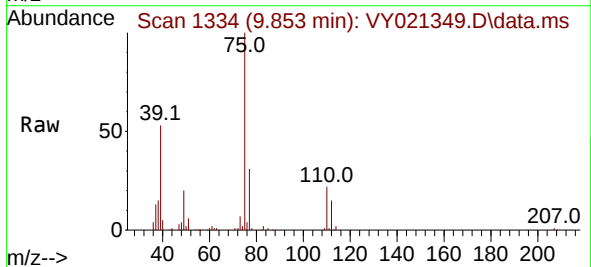
Manual Integrations
 APPROVED

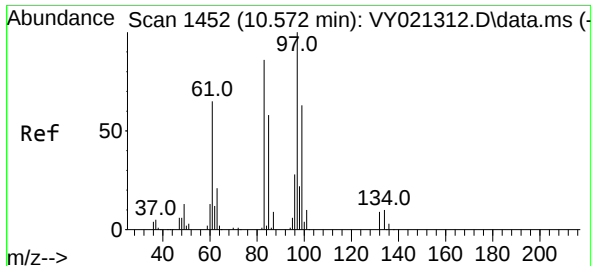
Reviewed By :Mahesh Dadoda 02/28/2025
 Supervised By :Semsettin Yesilyurt 02/28/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.483 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

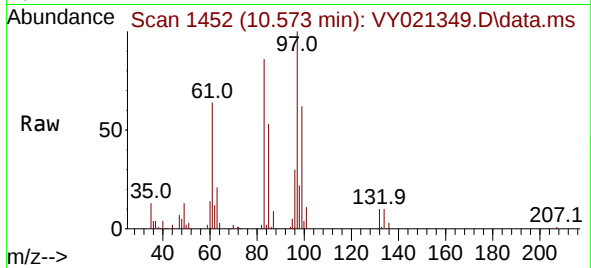
Tgt Ion: 75 Resp: 66848
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 53.4 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 20.255 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

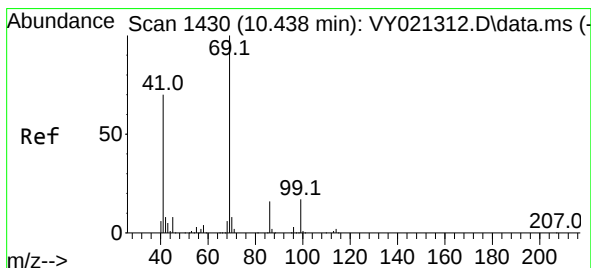
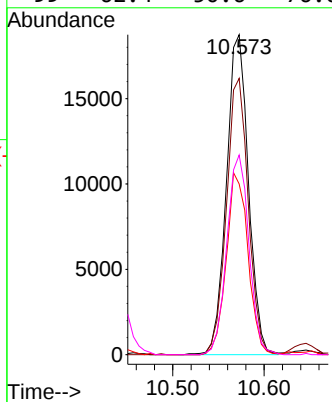
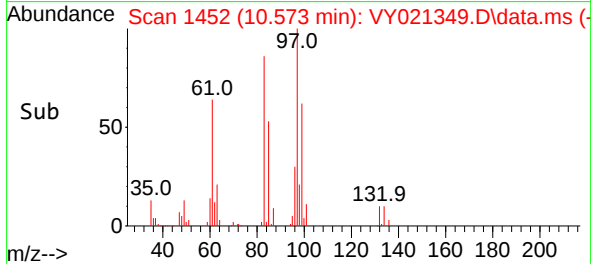
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



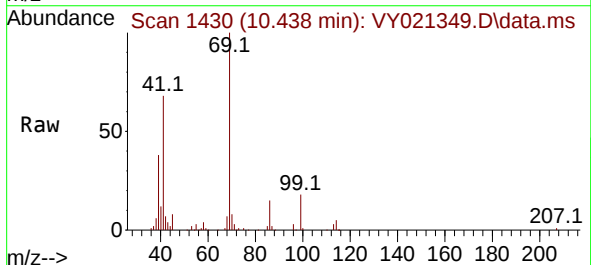
Tgt Ion:	97	Resp:	3139
Ion Ratio	100	Lower	Upper
97	100		
83	86.4	68.7	103.1
85	53.4	46.3	69.5
99	62.4	50.6	76.0

Manual Integrations
APPROVED

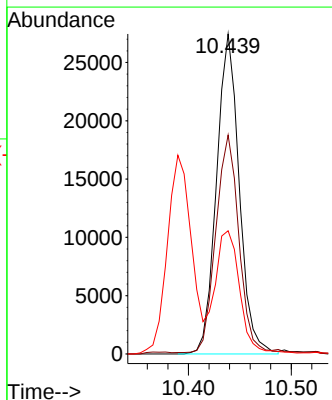
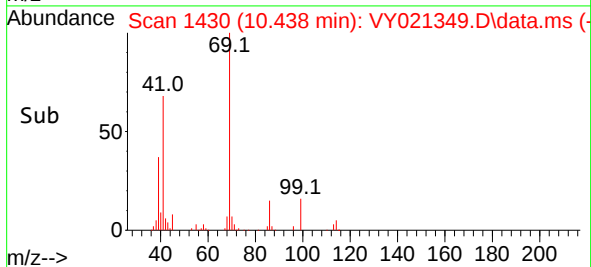
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

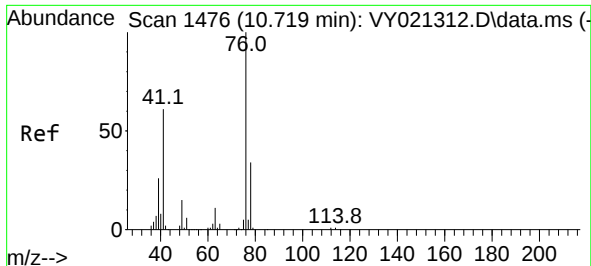


#56
Ethyl methacrylate
Concen: 19.635 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



Tgt Ion:	69	Resp:	42049
Ion Ratio	100	Lower	Upper
69	100		
41	69.0	56.2	84.4
39	41.6	32.7	49.1





#57

1,3-Dichloropropane

Concen: 20.553 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBSD01

Tgt Ion: 76 Resp: 5589

Ion Ratio Lower Upper

76 100

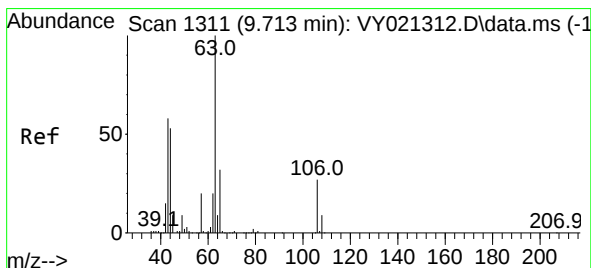
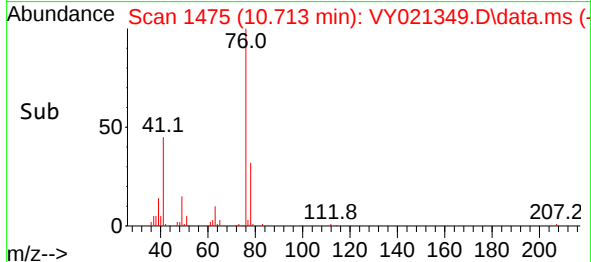
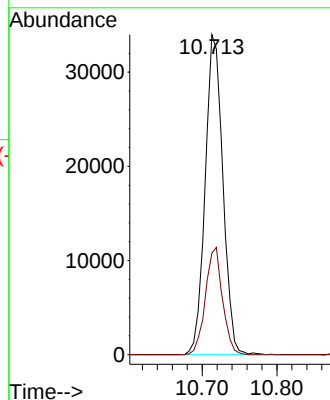
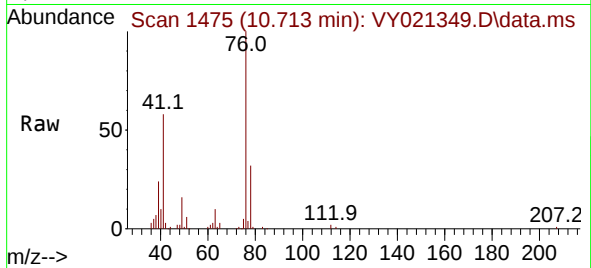
78 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025

Supervised By :Semsettin Yesilyurt 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 99.097 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021349.D

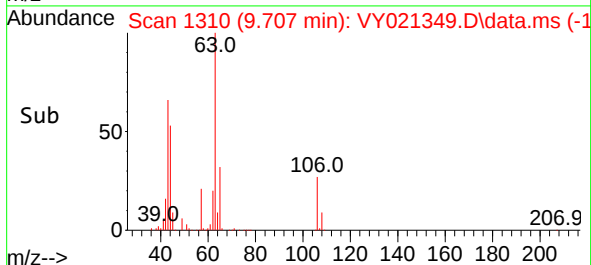
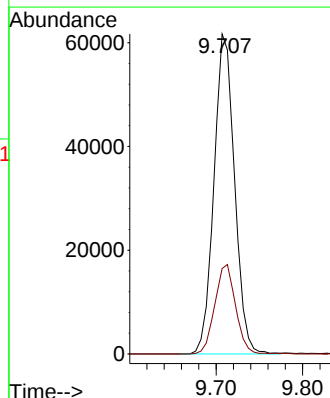
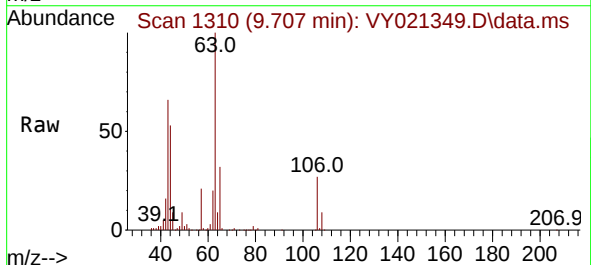
Acq: 27 Feb 2025 11:40

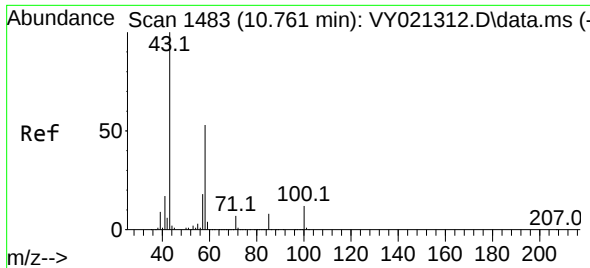
Tgt Ion: 63 Resp: 101862

Ion Ratio Lower Upper

63 100

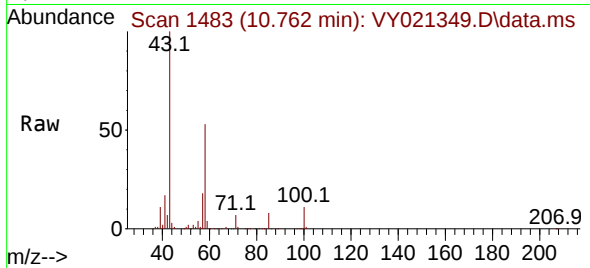
106 28.2 21.7 32.5





#59
2-Hexanone
Concen: 99.680 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

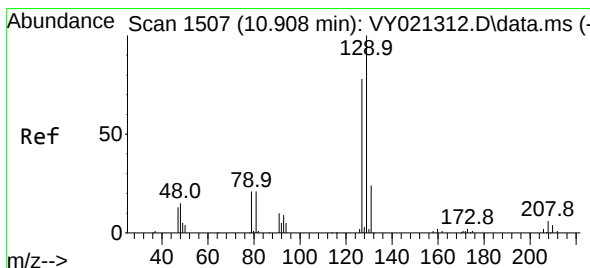
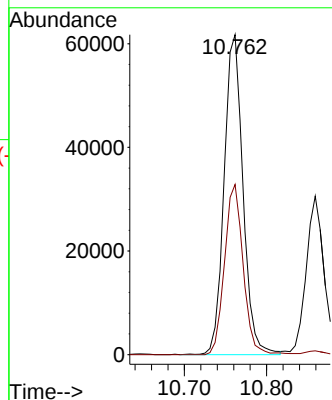
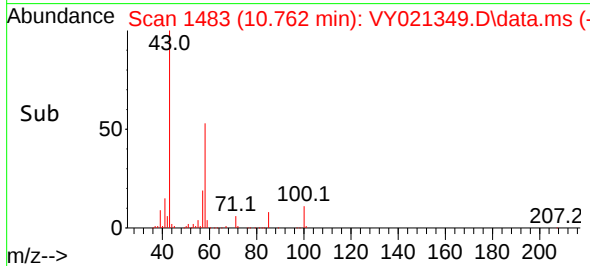
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion: 43 Resp: 9871
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.6

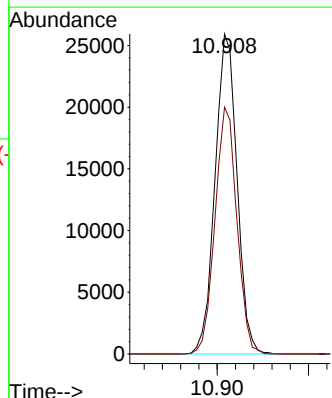
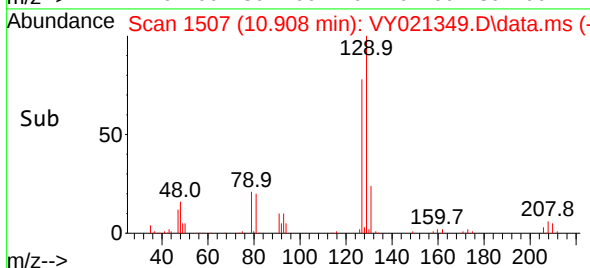
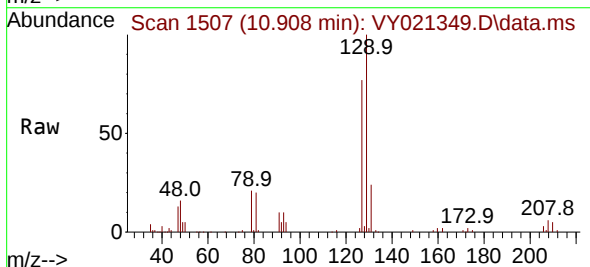
Manual Integrations
APPROVED

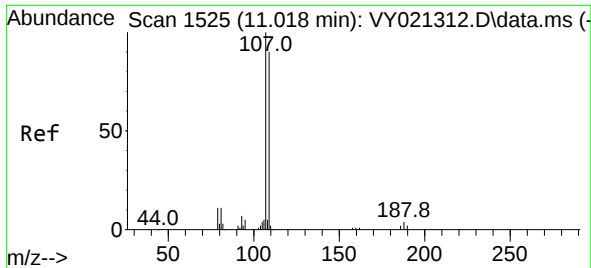
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#60
Dibromochloromethane
Concen: 20.559 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

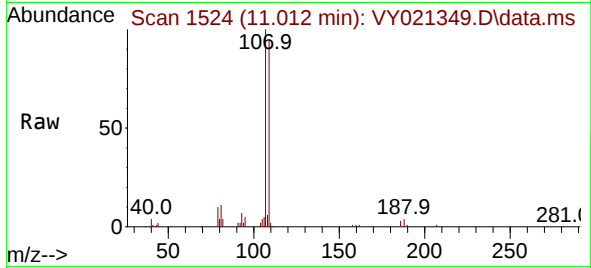
Tgt Ion:129 Resp: 43397
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.104 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

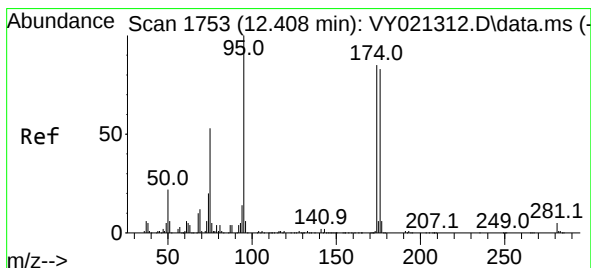
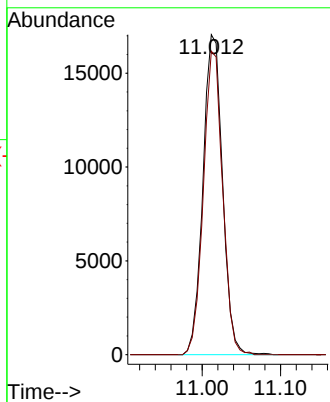
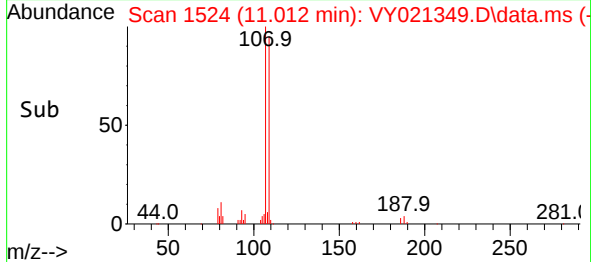
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



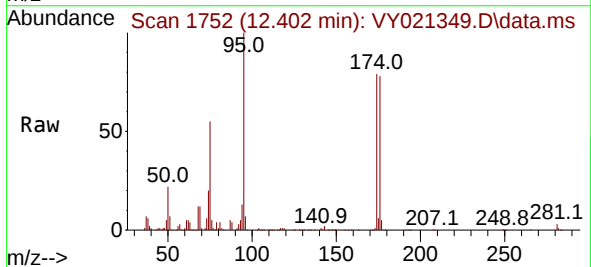
Tgt Ion:107 Resp: 29498
Ion Ratio Lower Upper
107 100
109 93.6 73.8 110.8

Manual Integrations
APPROVED

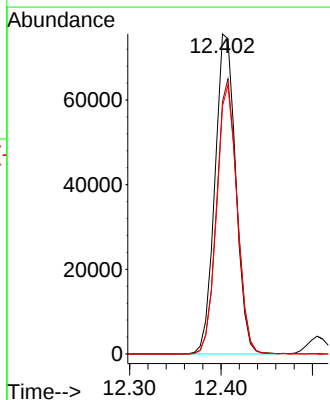
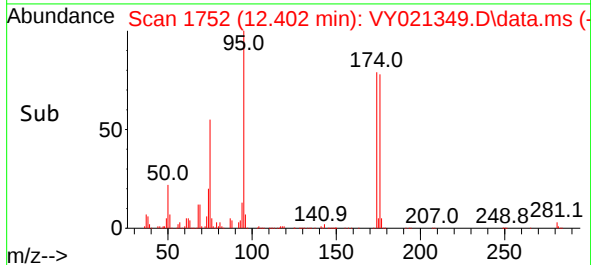
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

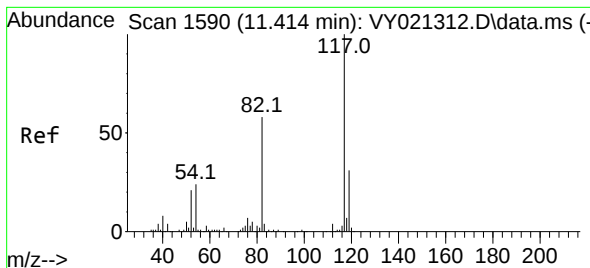


#62
4-Bromofluorobenzene
Concen: 45.259 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



Tgt Ion: 95 Resp: 119898
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.0
176 82.1 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

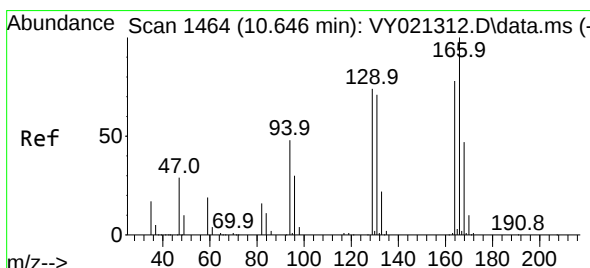
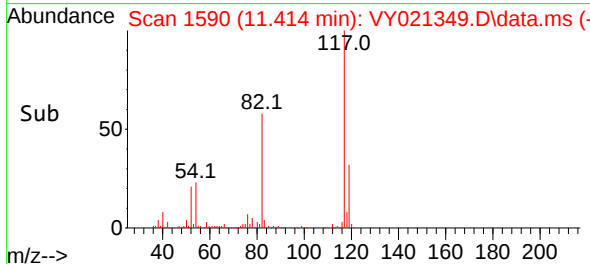
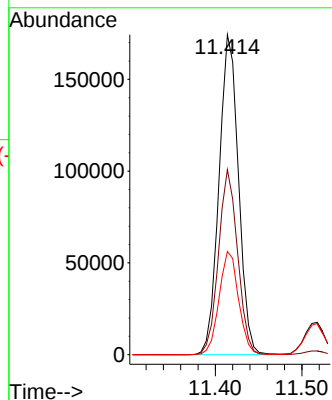
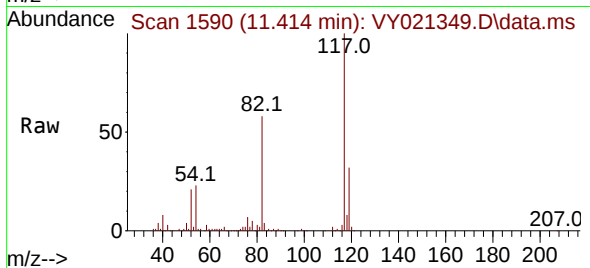
Tgt Ion:117 Resp: 272052

Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.2	69.4
119	32.2	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#64

Tetrachloroethene

Concen: 19.686 ug/l

RT: 10.646 min Scan# 1464

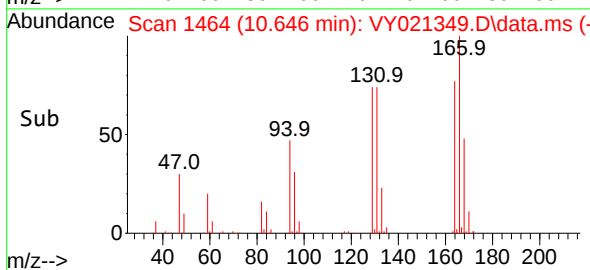
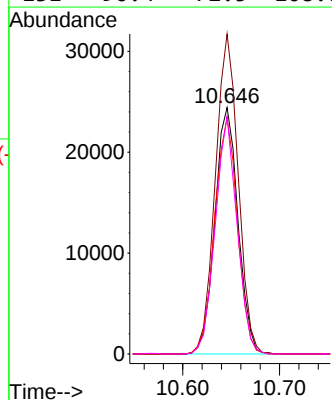
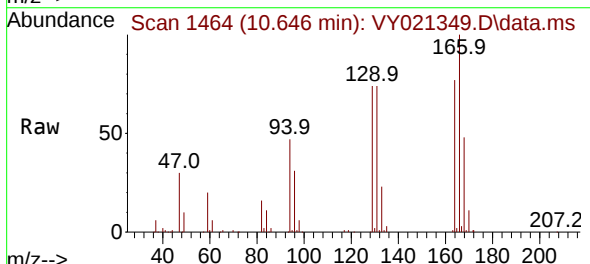
Delta R.T. 0.000 min

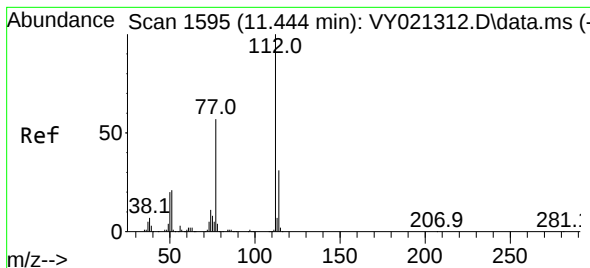
Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Tgt Ion:164 Resp: 40481

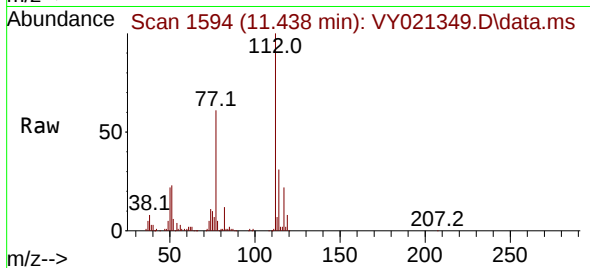
Ion	Ratio	Lower	Upper
164	100		
166	129.9	101.9	152.9
129	95.9	75.5	113.3
131	96.4	72.5	108.7





#65
Chlorobenzene
Concen: 19.616 ug/l
RT: 11.438 min Scan# 11979
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

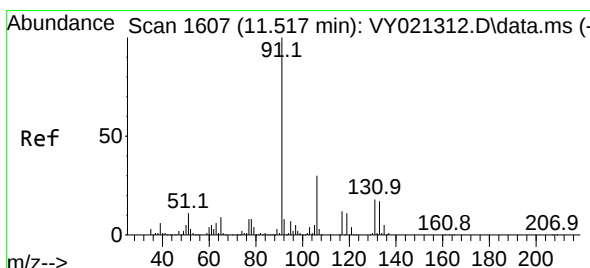
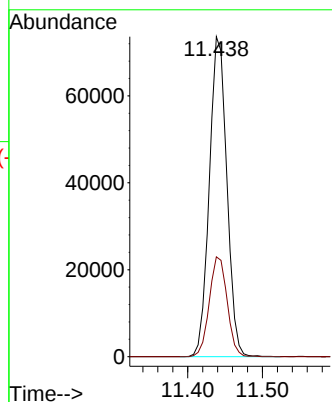
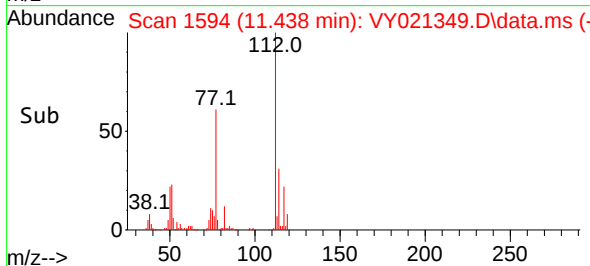
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



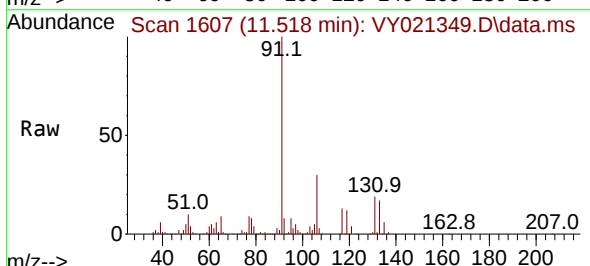
Tgt Ion:112 Resp: 11979
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6

Manual Integrations
APPROVED

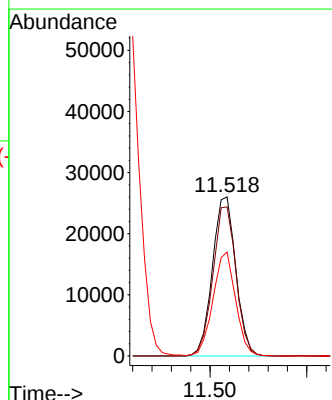
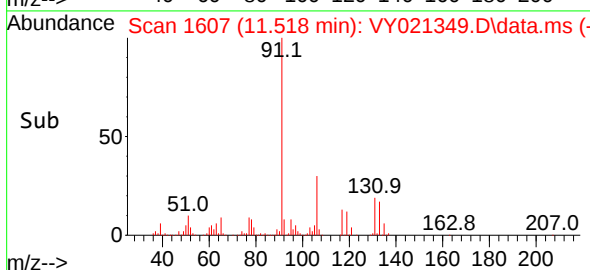
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

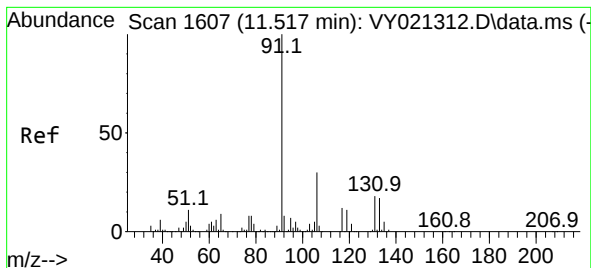


#66
1,1,1,2-Tetrachloroethane
Concen: 20.414 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



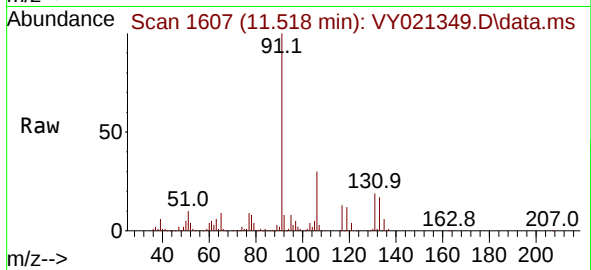
Tgt Ion:131 Resp: 43652
Ion Ratio Lower Upper
131 100
133 93.0 47.9 143.6
119 63.2 31.7 95.1





#67
Ethyl Benzene
Concen: 19.715 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

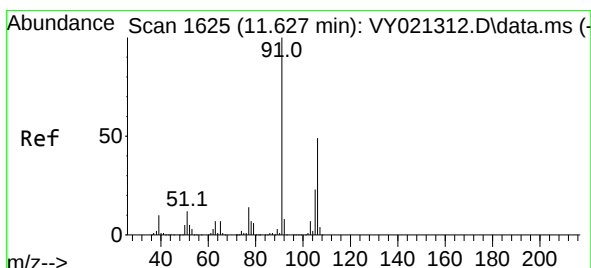
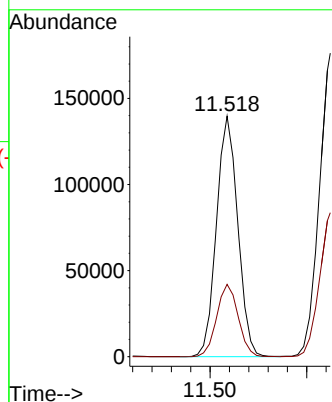
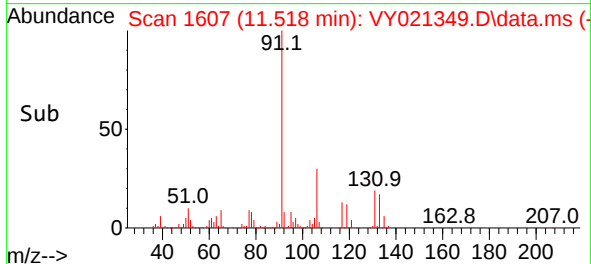
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



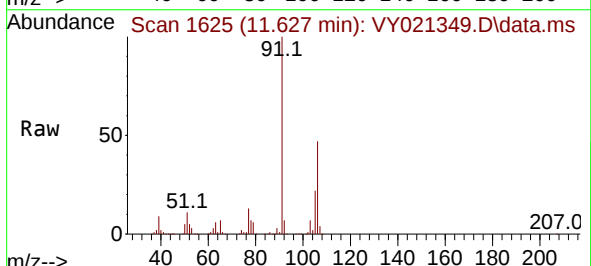
Tgt Ion: 91 Resp: 21326
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

Manual Integrations
APPROVED

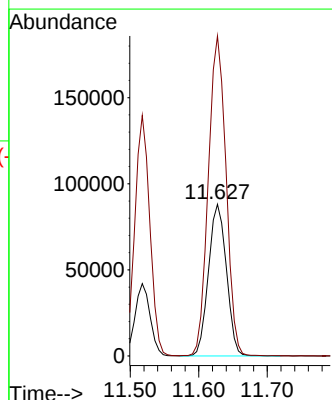
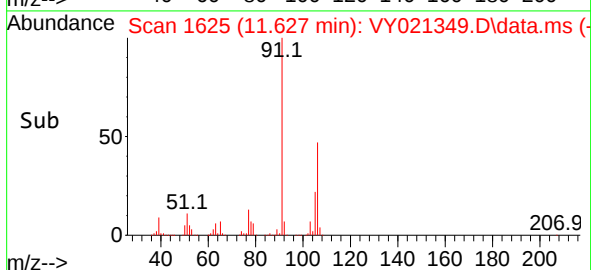
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

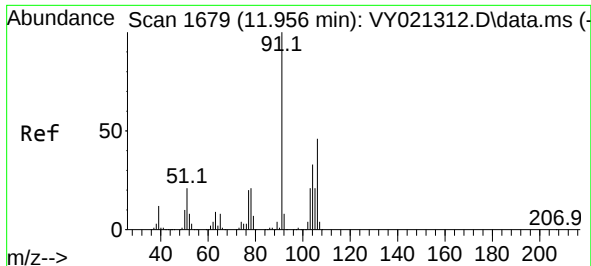


#68
m/p-Xylenes
Concen: 39.412 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



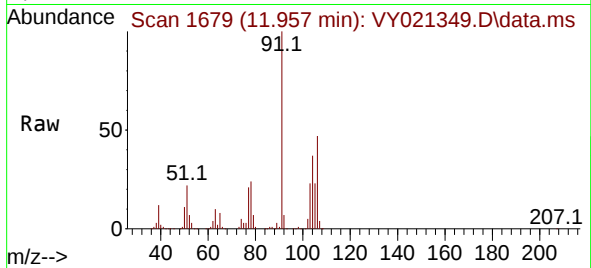
Tgt Ion:106 Resp: 160355
Ion Ratio Lower Upper
106 100
91 208.0 163.9 245.9





#69
o-Xylene
Concen: 19.653 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

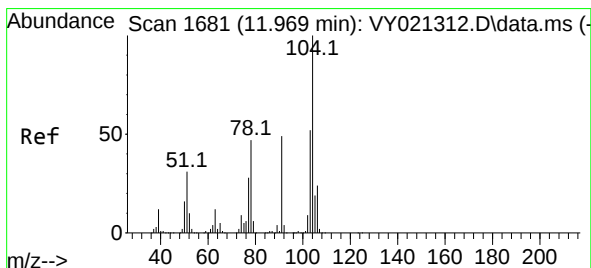
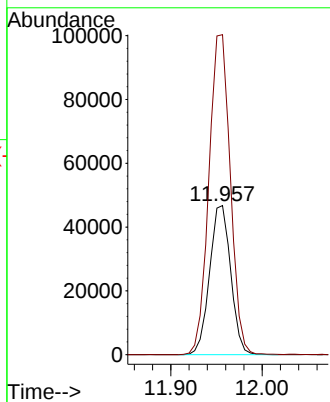
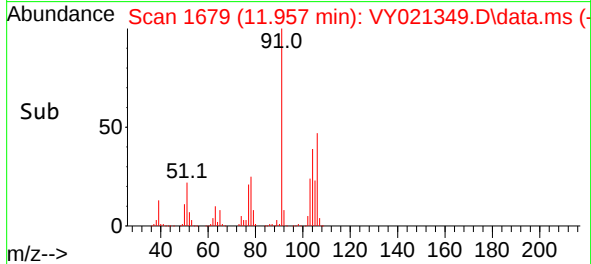
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion:106 Resp: 74908
Ion Ratio Lower Upper
106 100
91 218.4 108.1 324.2

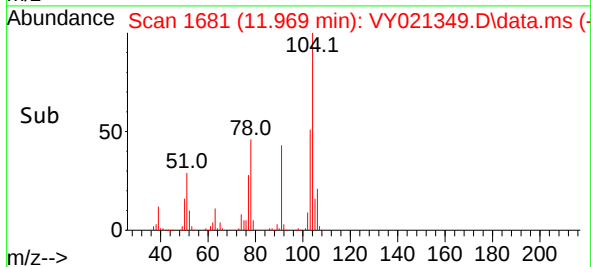
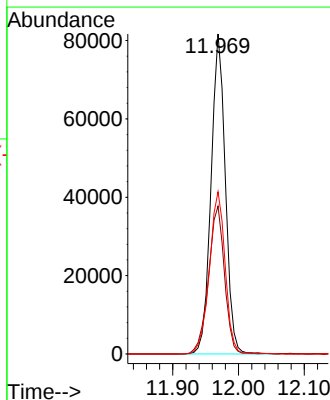
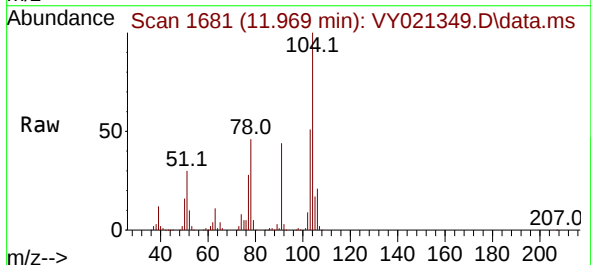
Manual Integrations
APPROVED

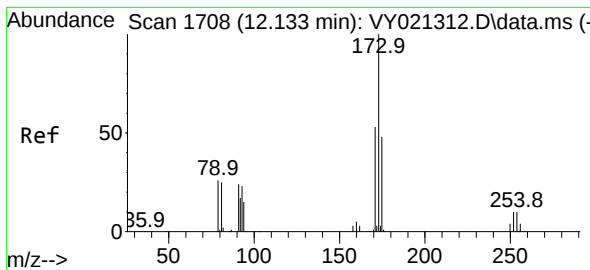
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#70
Styrene
Concen: 19.536 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

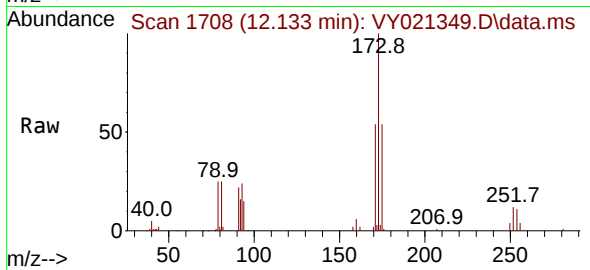
Tgt Ion:104 Resp: 123889
Ion Ratio Lower Upper
104 100
78 51.5 41.3 61.9
103 55.7 43.9 65.9





#71
Bromoform
Concen: 19.911 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

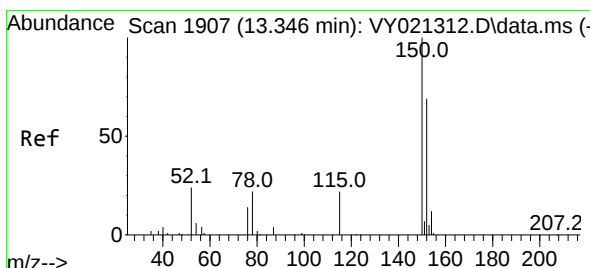
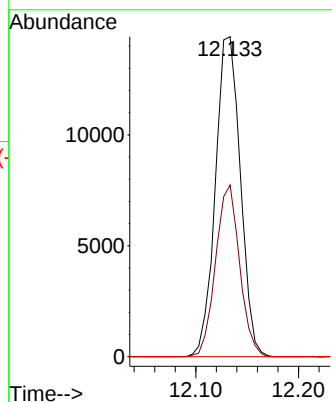
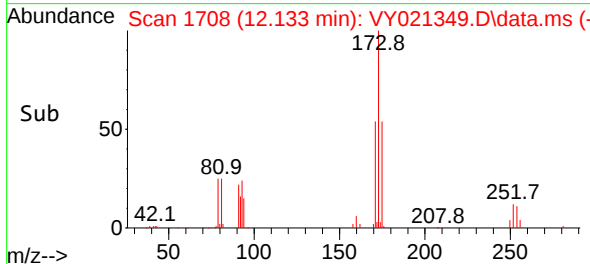
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



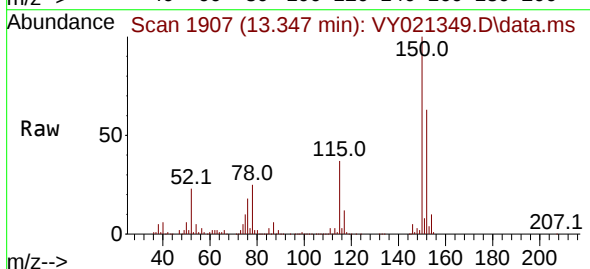
Tgt Ion:173 Resp: 2435
Ion Ratio Lower Upper
173 100
175 51.4 24.1 72.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

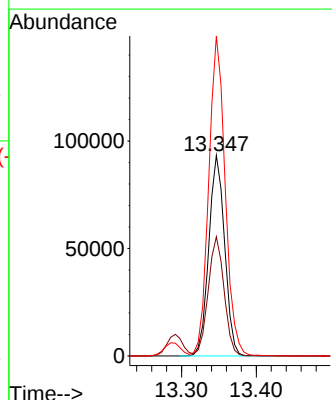
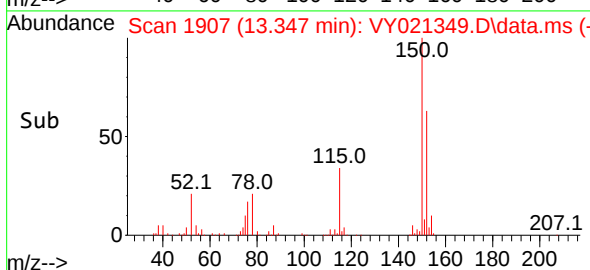
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

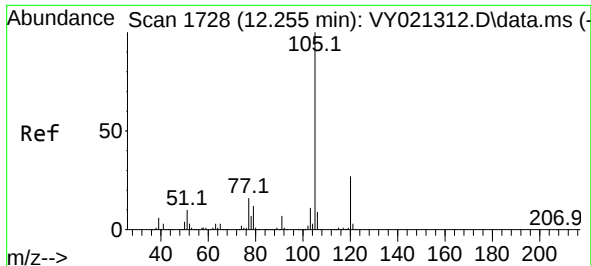


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



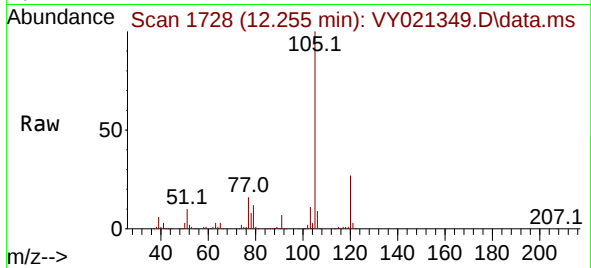
Tgt Ion:152 Resp: 137933
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 164.9 0.0 347.4





#73
Isopropylbenzene
Concen: 19.511 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

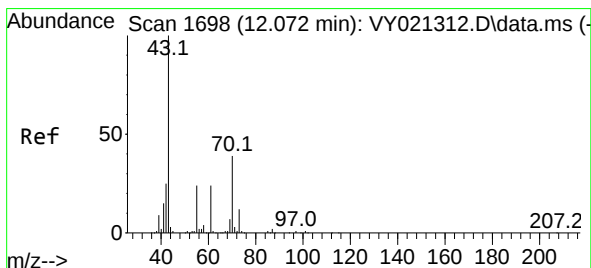
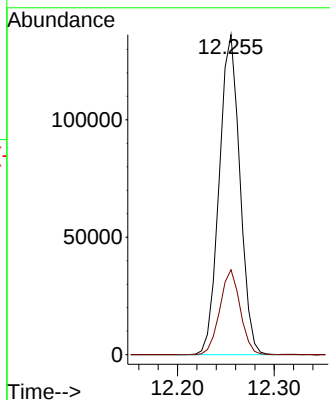
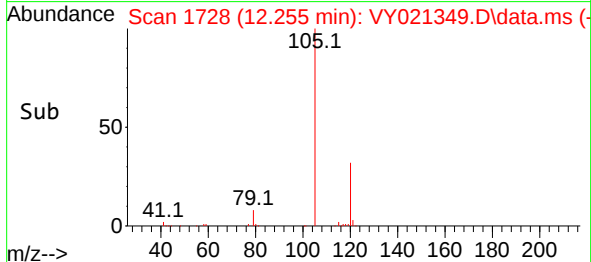
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



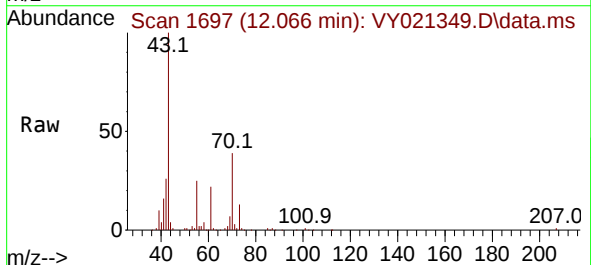
Tgt Ion:105 Resp: 202320
Ion Ratio Lower Upper
105 100
120 26.0 13.3 39.8

Manual Integrations
APPROVED

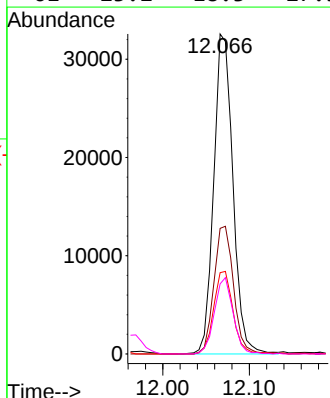
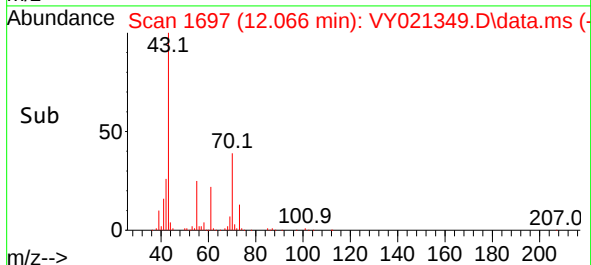
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

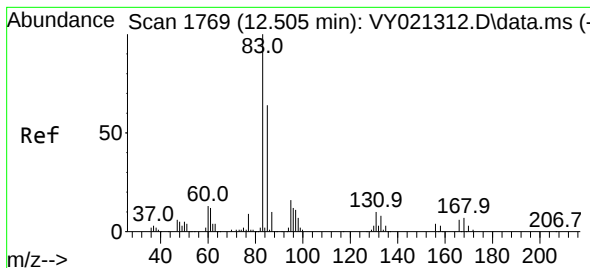


#74
N-ethyl acetate
Concen: 19.015 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



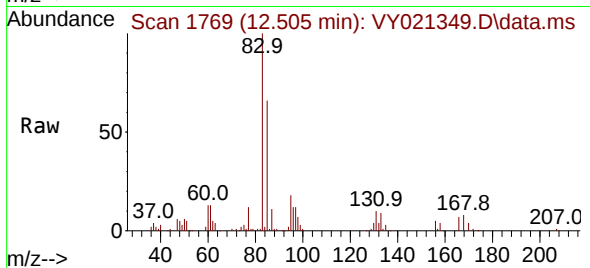
Tgt Ion: 43 Resp: 50118
Ion Ratio Lower Upper
43 100
70 41.0 32.2 48.2
55 26.2 19.6 29.4
61 23.2 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.272 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

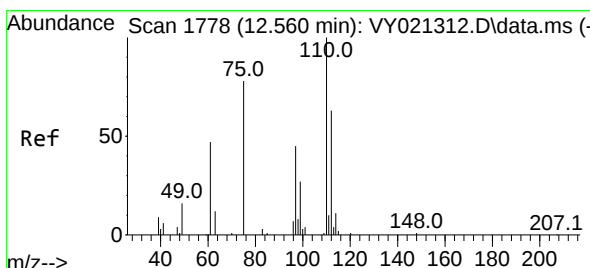
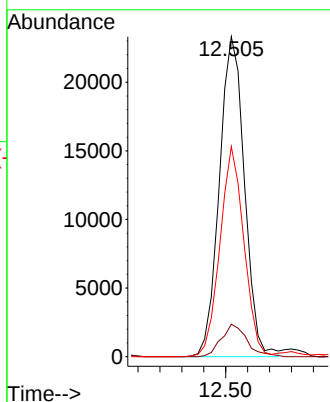
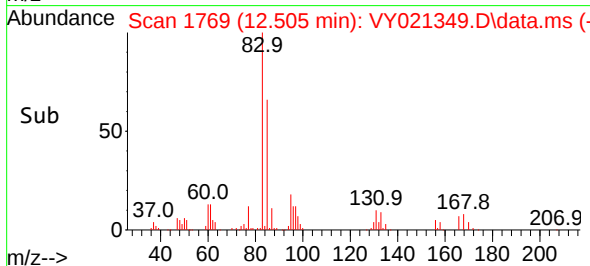
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 83 Resp: 37100
Ion Ratio Lower Upper
83 100
131 10.3 5.2 15.6
85 62.6 32.0 96.0

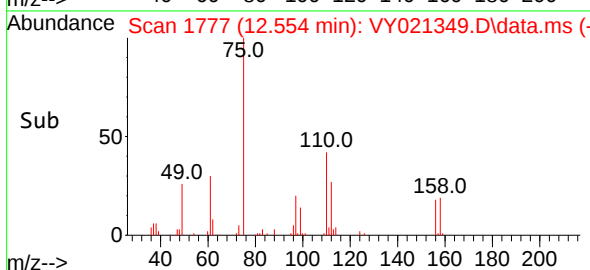
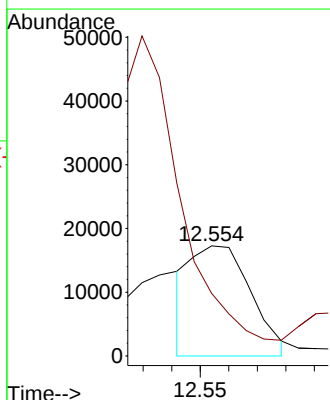
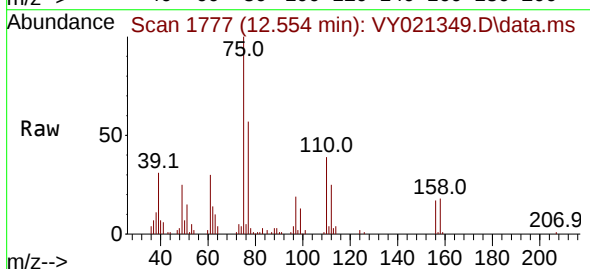
Manual Integrations
APPROVED

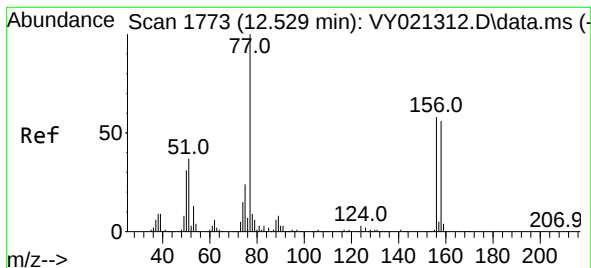
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 18.446 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 75 Resp: 25467
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.474 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

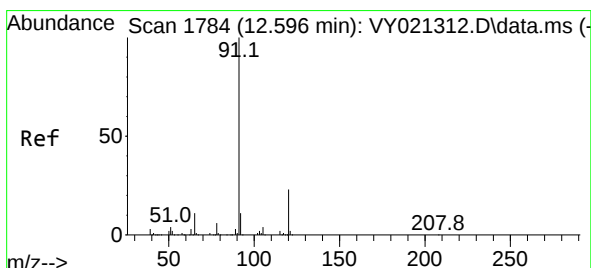
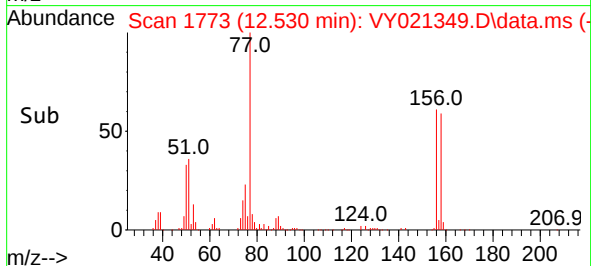
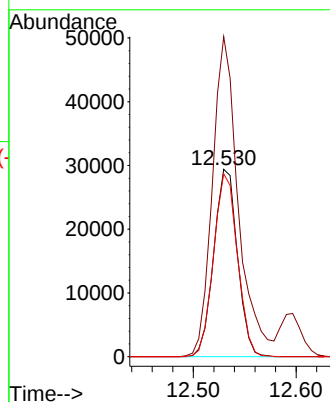
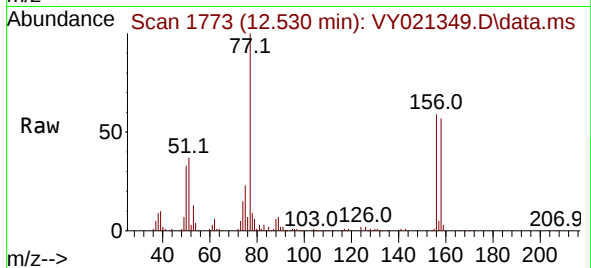
VY0227SBSD01

Tgt Ion:	156	Resp:	46970
Ion Ratio	Lower	Upper	
156	100		
77	187.3	94.0	282.1
158	98.6	48.7	146.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#78

n-propylbenzene

Concen: 19.398 ug/l

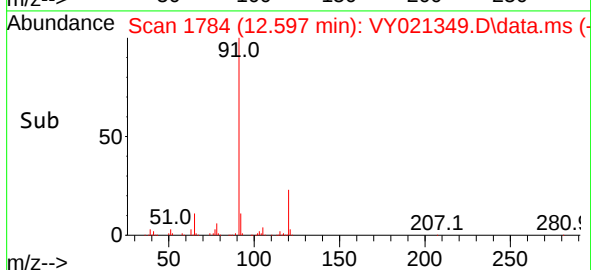
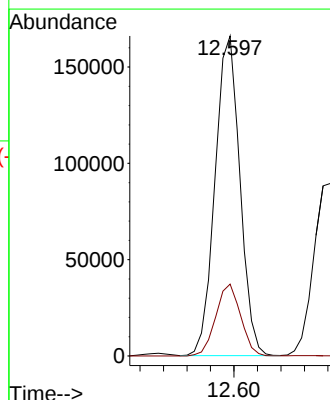
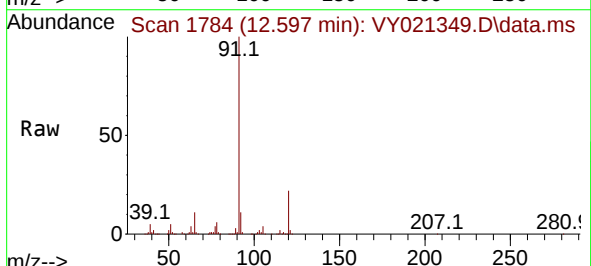
RT: 12.597 min Scan# 1784

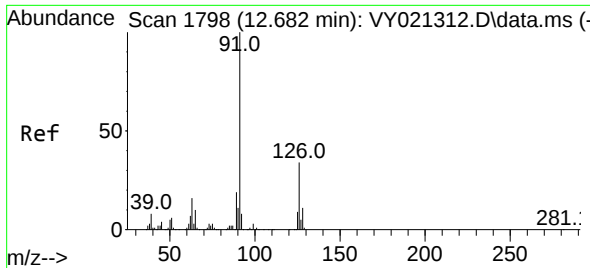
Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Tgt Ion:	91	Resp:	244088
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.2	33.5





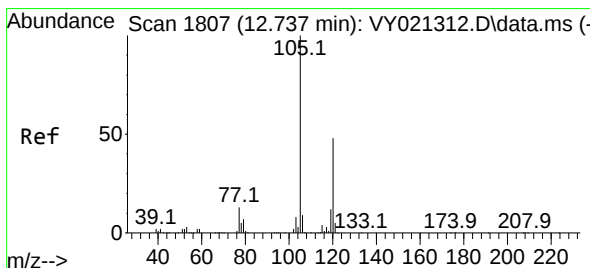
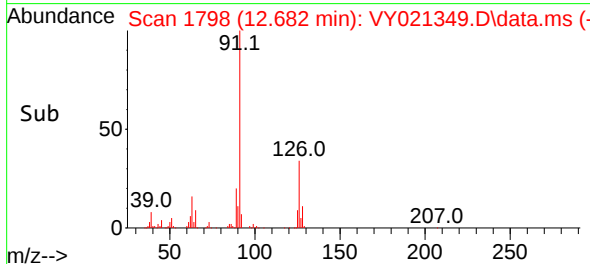
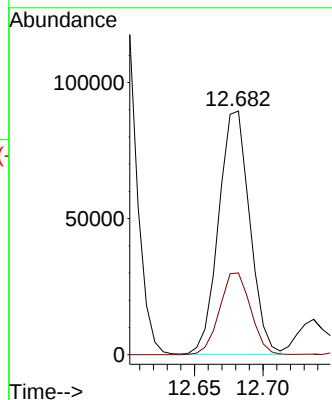
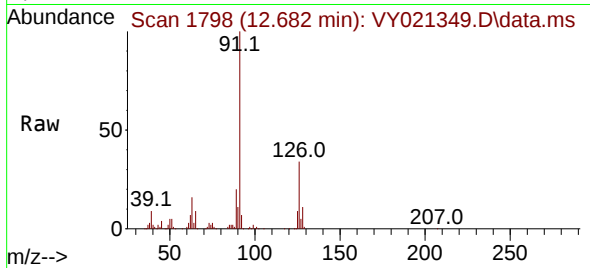
#79
2-Chlorotoluene
Concen: 19.575 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Tgt Ion: 91 Resp: 14136
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6

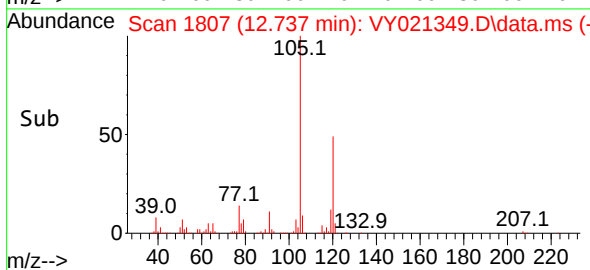
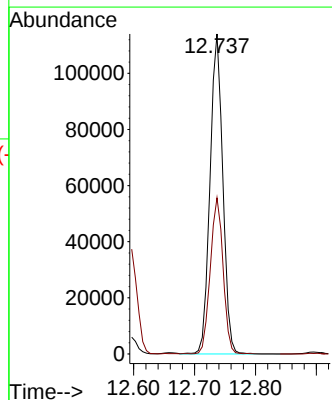
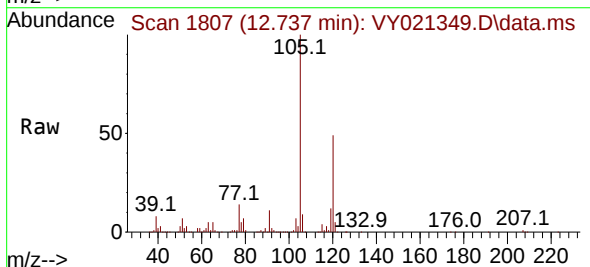
Manual Integrations
APPROVED

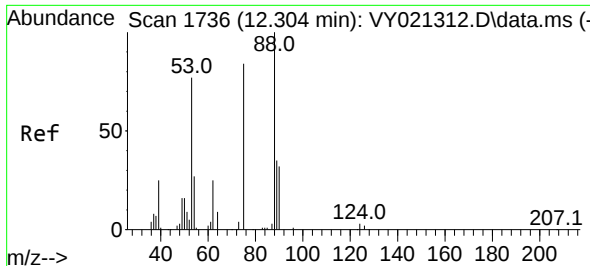
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.529 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

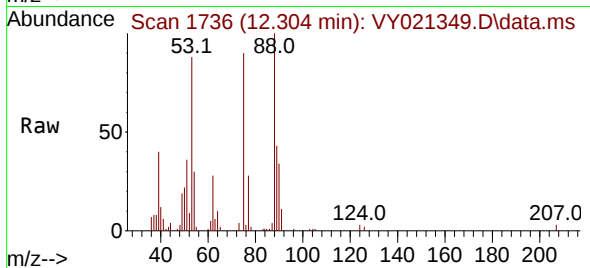
Tgt Ion:105 Resp: 166093
Ion Ratio Lower Upper
105 100
120 48.8 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.603 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

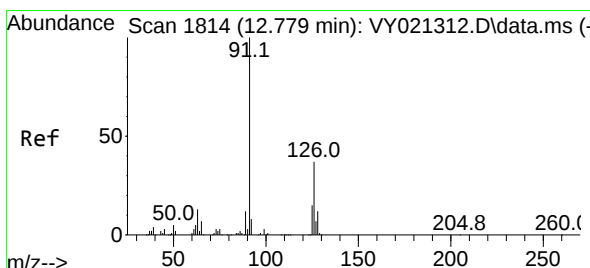
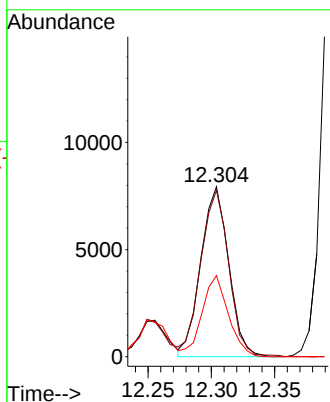
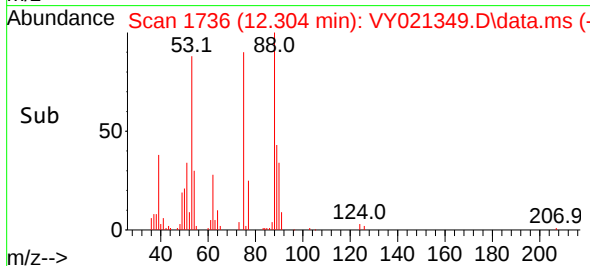
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 75 Resp: 1217
Ion Ratio Lower Upper
75 100
53 98.3 79.1 118.7
89 45.2 35.6 53.4

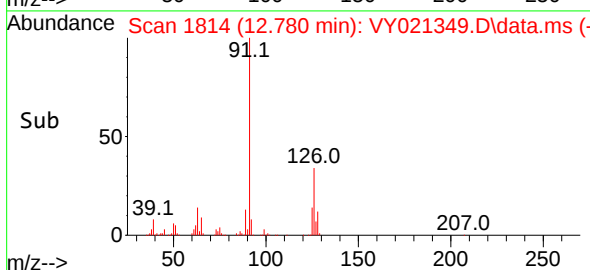
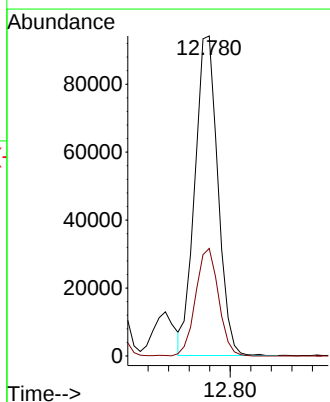
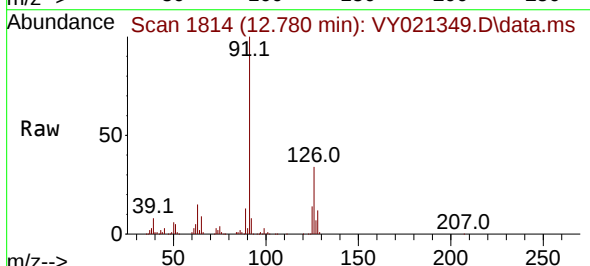
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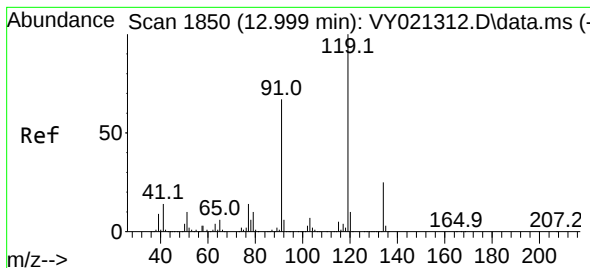
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#82
4-Chlorotoluene
Concen: 19.536 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 91 Resp: 146247
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.615 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

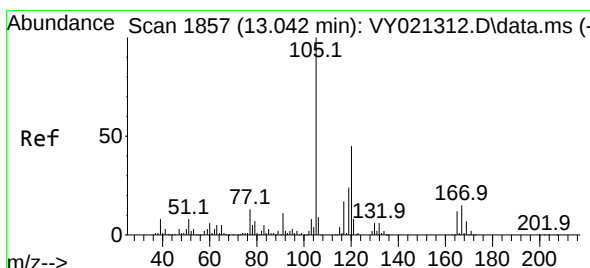
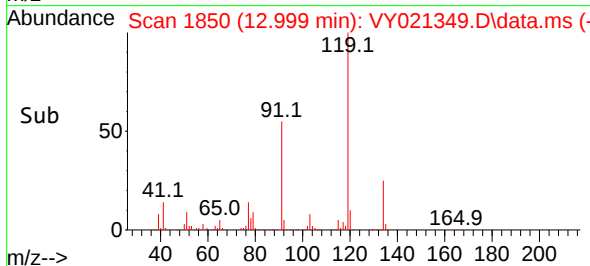
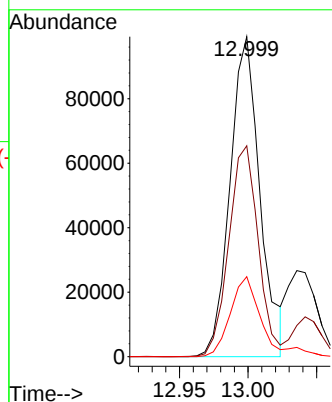
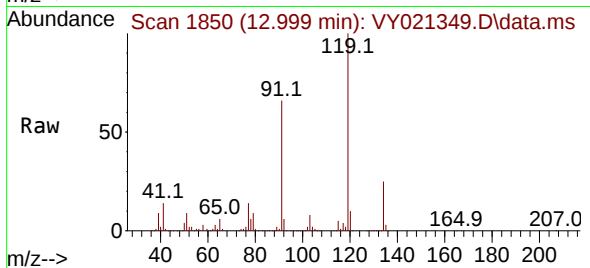
VY0227SBSD01

Tgt Ion:	119	Resp:	150694
Ion Ratio	Lower	Upper	
119	100		
91	64.9	32.7	98.1
134	26.3	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.919 ug/l

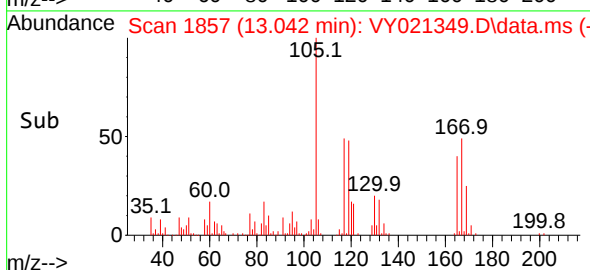
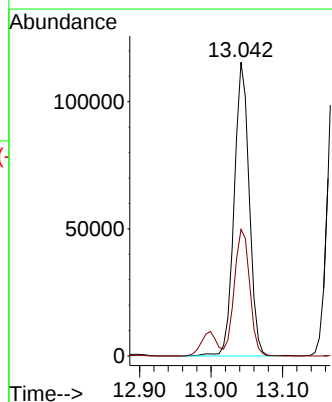
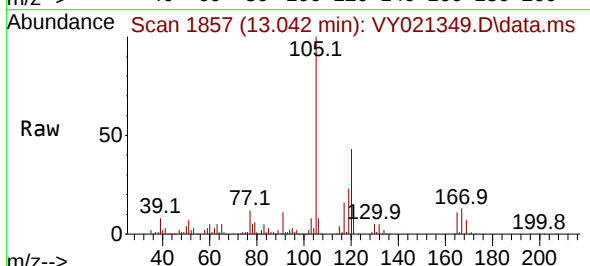
RT: 13.042 min Scan# 1857

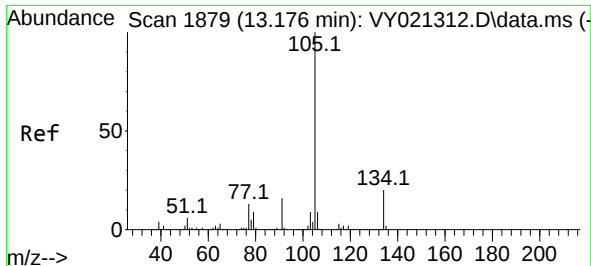
Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Tgt Ion:	105	Resp:	168485
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.4	67.3





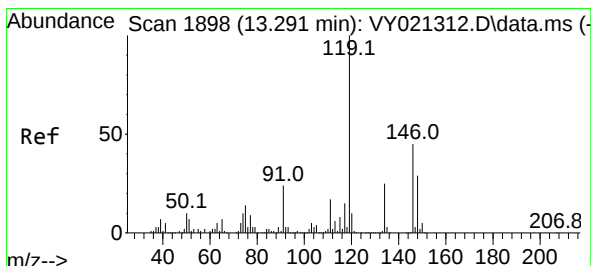
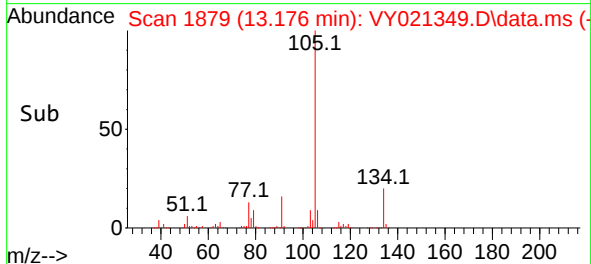
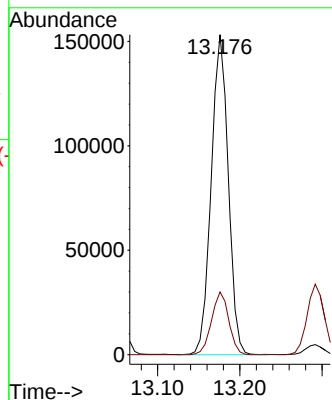
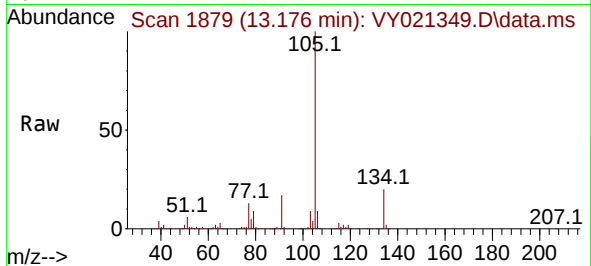
#85
 sec-Butylbenzene
 Concen: 19.665 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBSD01

Tgt Ion:105 Resp: 220670
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

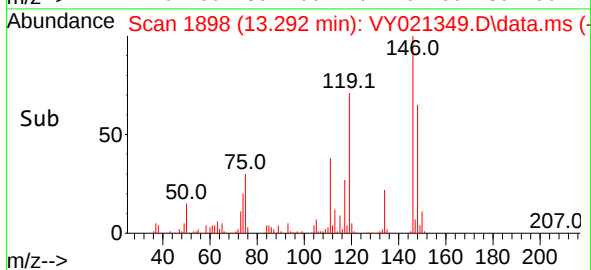
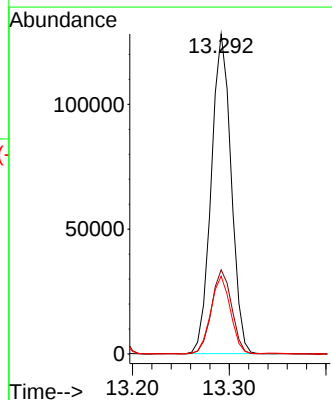
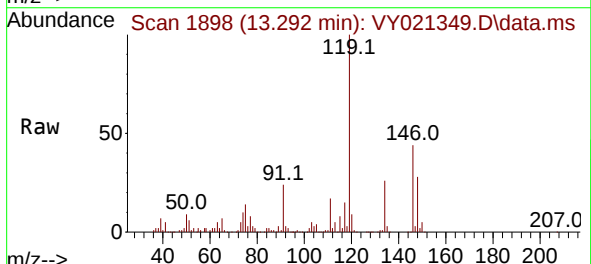
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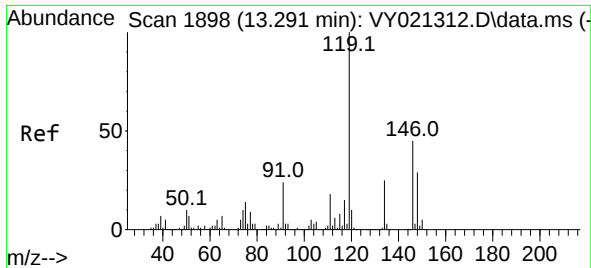
Reviewed By :Mahesh Dadoda 02/28/2025
 Supervised By :Semsettin Yesilyurt 02/28/2025



#86
 p-Isopropyltoluene
 Concen: 19.528 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

Tgt Ion:119 Resp: 182981
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 38.9
 91 24.1 12.0 36.1





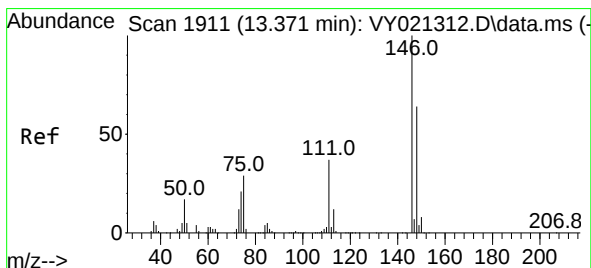
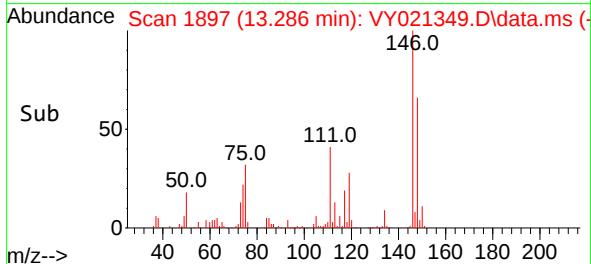
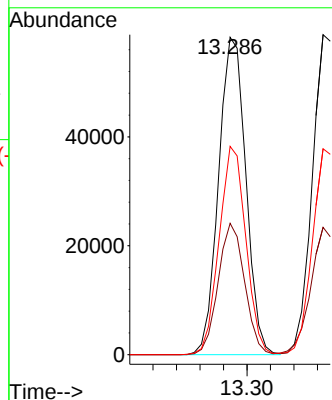
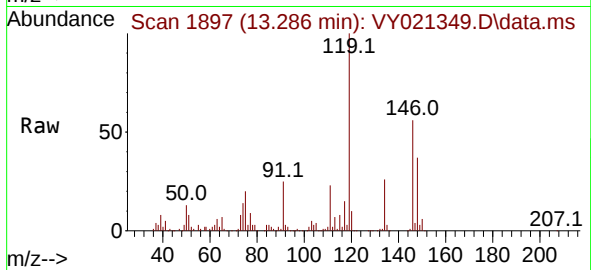
#87
1,3-Dichlorobenzene
Concen: 19.684 ug/l
RT: 13.286 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Tgt Ion:146 Resp: 9391
Ion Ratio Lower Upper
146 100
111 40.2 20.0 59.9
148 64.5 31.9 95.9

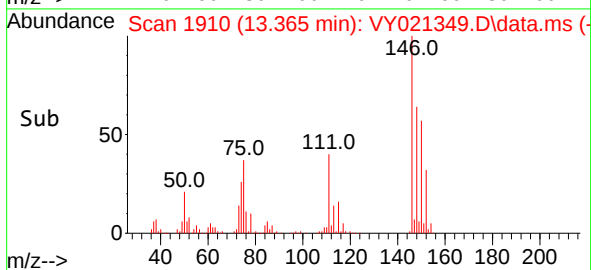
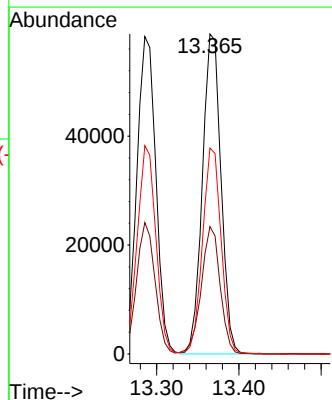
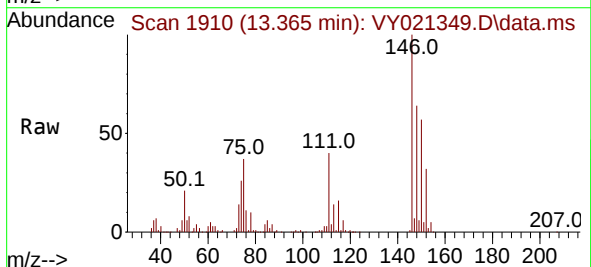
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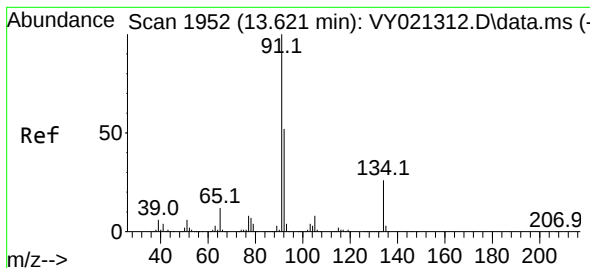
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#88
1,4-Dichlorobenzene
Concen: 19.632 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

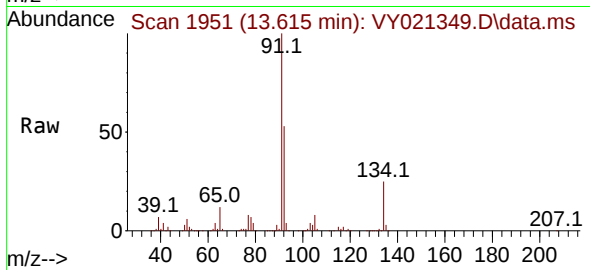
Tgt Ion:146 Resp: 92534
Ion Ratio Lower Upper
146 100
111 40.4 19.5 58.5
148 64.4 32.0 96.2





#89
n-Butylbenzene
Concen: 19.483 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

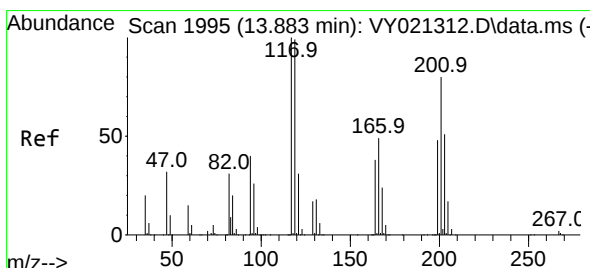
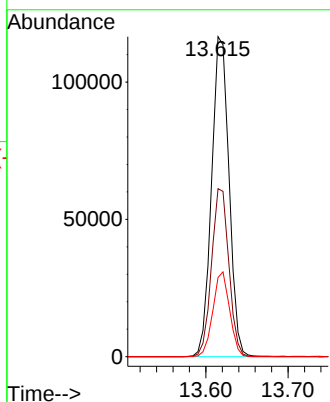
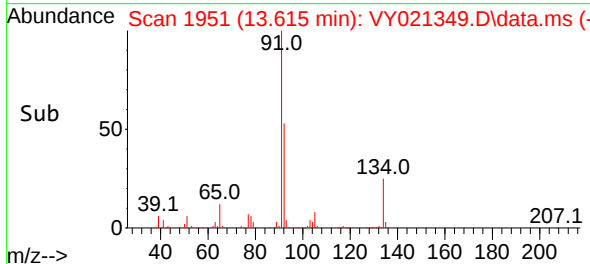
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



Tgt Ion: 91 Resp: 17180
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 25.4 12.7 38.0

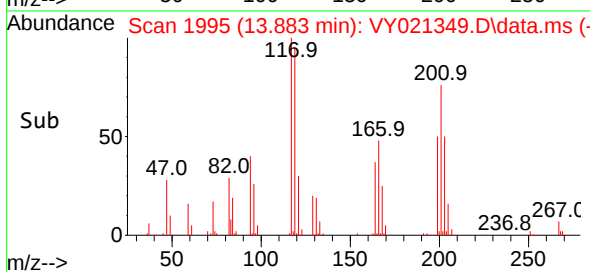
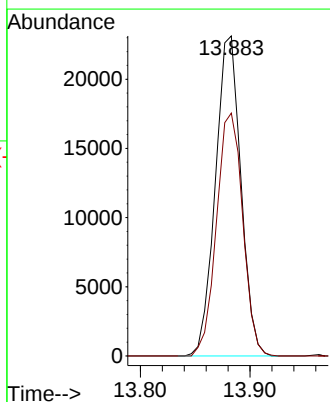
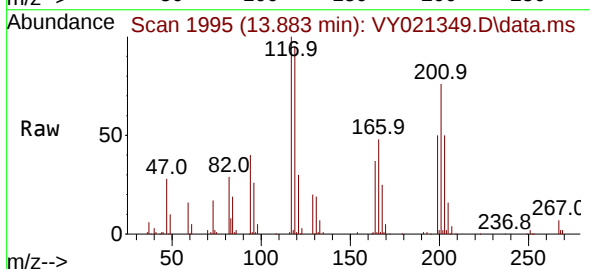
Manual Integrations
APPROVED

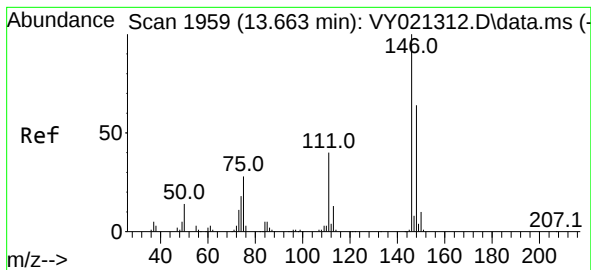
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#90
Hexachloroethane
Concen: 19.112 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:117 Resp: 37407
Ion Ratio Lower Upper
117 100
201 78.0 38.4 115.2





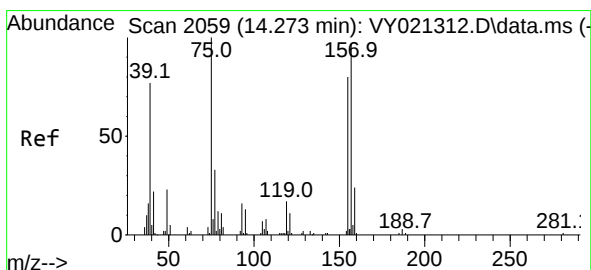
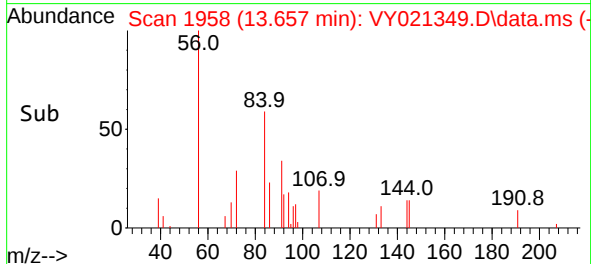
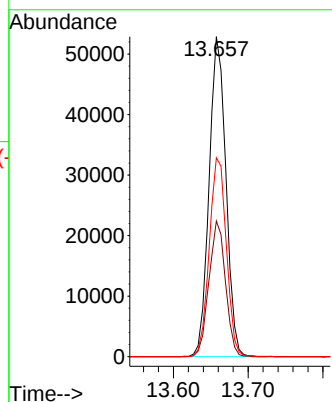
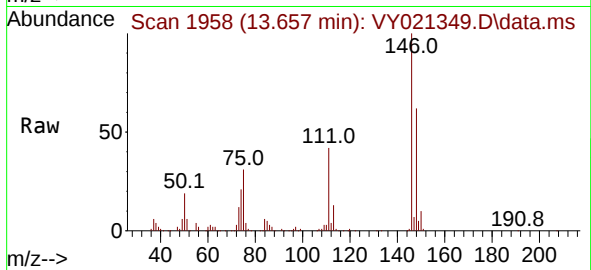
#91
1,2-Dichlorobenzene
Concen: 19.760 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Tgt Ion:146 Resp: 82600
Ion Ratio Lower Upper
146 100
111 41.8 20.7 62.1
148 63.3 31.7 95.1

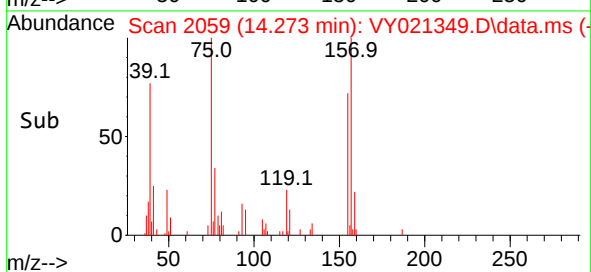
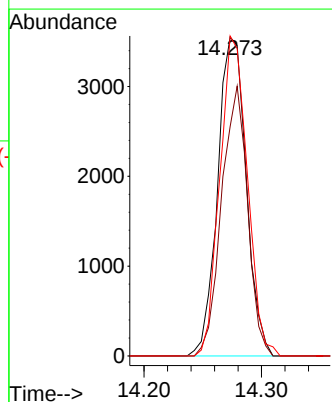
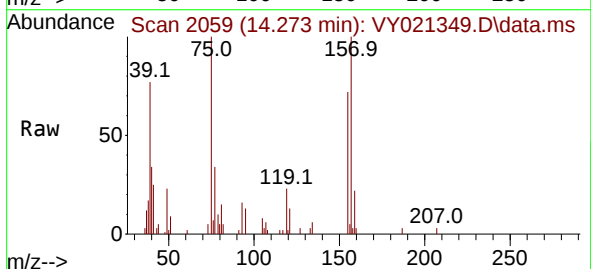
Manual Integrations
APPROVED

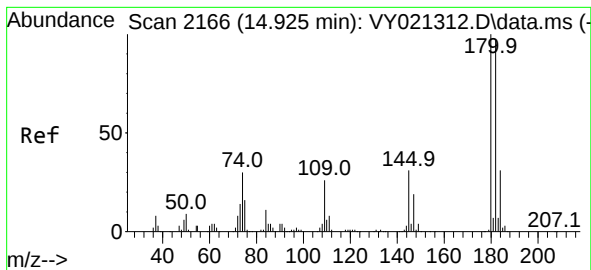
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.694 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

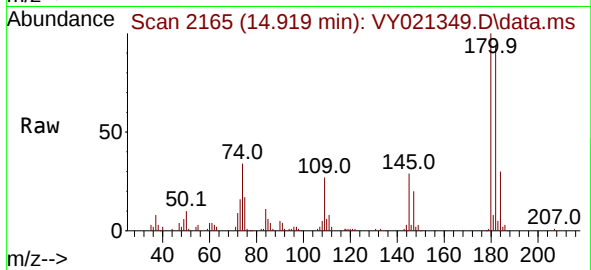
Tgt Ion: 75 Resp: 5991
Ion Ratio Lower Upper
75 100
155 77.0 41.9 125.6
157 96.7 52.5 157.6





#93
1,2,4-Trichlorobenzene
Concen: 18.978 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

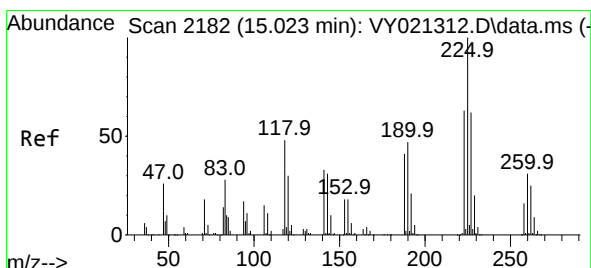
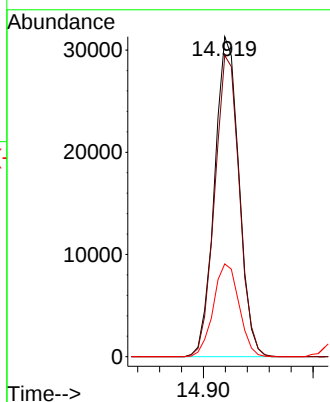
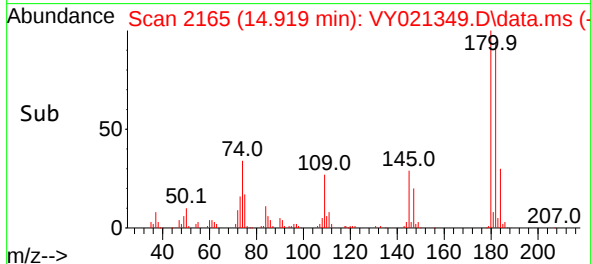
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01



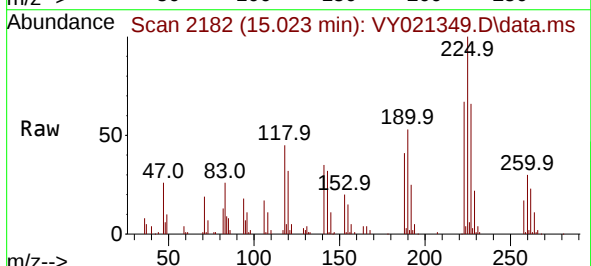
Tgt Ion:180 Resp: 48418
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.7
145 30.5 15.6 46.8

Manual Integrations
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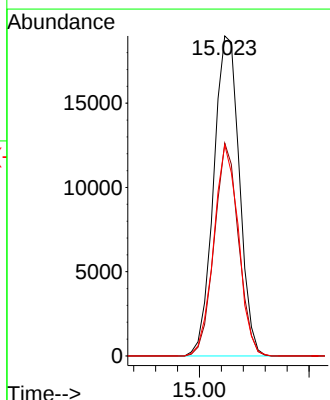
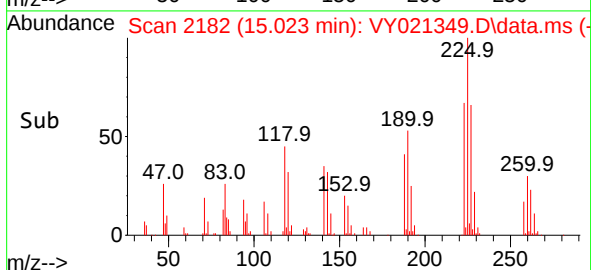
Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

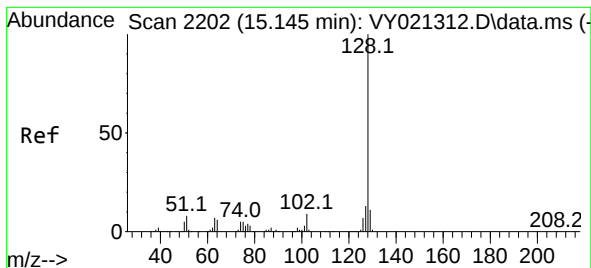


#94
Hexachlorobutadiene
Concen: 19.273 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



Tgt Ion:225 Resp: 30957
Ion Ratio Lower Upper
225 100
223 62.6 31.8 95.4
227 63.3 31.9 95.7





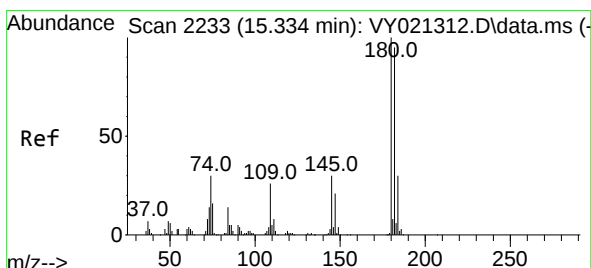
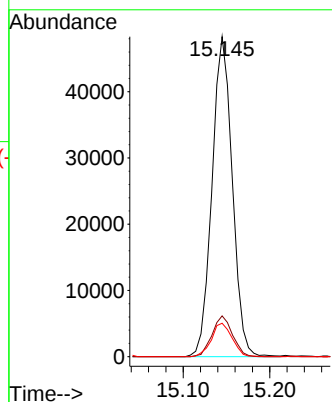
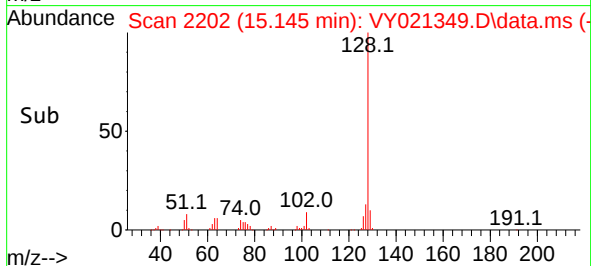
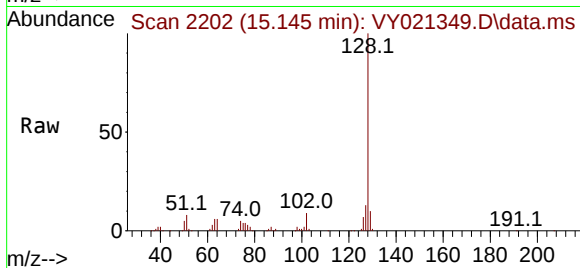
#95
Naphthalene
Concen: 18.594 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Tgt Ion:128 Resp: 7857
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.5 12.7

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.042 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:180 Resp: 41048
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 32.4 16.1 48.3

