

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023989.D
 Acq On : 16 Dec 2025 14:51
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 17 03:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025
 Supervised By :Mahesh Dadoda 12/18/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	487477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	676322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	590011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	301822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	394048	106.953	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 213.900%#			
35) Dibromofluoromethane	7.640	113	440590	108.857	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 217.720%#			
50) Toluene-d8	10.109	98	1605979	109.965	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 219.940%#			
62) 4-Bromofluorobenzene	12.408	95	534029	111.563	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 223.120%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	323412	103.404	ug/l	97
3) Chloromethane	2.074	50	412448	112.664	ug/l	99
4) Vinyl Chloride	2.214	62	530441	114.690	ug/l	97
5) Bromomethane	2.604	94	440921	107.421	ug/l	99
6) Chloroethane	2.745	64	366898	112.618	ug/l	99
7) Trichlorofluoromethane	3.068	101	811778	109.956	ug/l	98
8) Diethyl Ether	3.464	74	219948	111.487	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	465637	105.237	ug/l	98
10) Methyl Iodide	4.019	142	617074	111.875	ug/l	99
11) Tert butyl alcohol	4.878	59	122575	568.343	ug/l	100
12) 1,1-Dichloroethene	3.799	96	452564	112.858	ug/l	95
13) Acrolein	3.665	56	193177	534.193	ug/l	98
14) Allyl chloride	4.397	41	569784	117.308	ug/l	99
15) Acrylonitrile	5.067	53	443953	579.287	ug/l	99
16) Acetone	3.879	43	500477	525.979	ug/l	99
17) Carbon Disulfide	4.116	76	1221921	121.766	ug/l	99
18) Methyl Acetate	4.397	43	196770	118.246	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	1110218	116.532	ug/l	100
20) Methylene Chloride	4.628	84	460601	90.971	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	499476	114.616	ug/l	99
22) Diisopropyl ether	6.031	45	1316116	117.328	ug/l	98
23) Vinyl Acetate	5.970	43	3729783	610.823	ug/l	100
24) 1,1-Dichloroethane	5.927	63	816997	111.933	ug/l	98
25) 2-Butanone	6.902	43	608411	538.015	ug/l	100
26) 2,2-Dichloropropane	6.896	77	765865	112.440	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	593194	114.915	ug/l	98
28) Bromochloromethane	7.256	49	333475	114.480	ug/l	99
29) Tetrahydrofuran	7.268	42	345479	603.418	ug/l	99
30) Chloroform	7.433	83	886042	109.422	ug/l	99
31) Cyclohexane	7.713	56	711942	110.399	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	833426	110.956	ug/l	100
36) 1,1-Dichloropropene	7.847	75	638014	115.009	ug/l	100
37) Ethyl Acetate	6.994	43	246282	117.277	ug/l	100
38) Carbon Tetrachloride	7.829	117	772553	111.174	ug/l	100
39) Methylcyclohexane	9.115	83	880518	119.042	ug/l	98
40) Benzene	8.091	78	1936836	113.869	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	135272	106.676	ug/l	92
42) 1,2-Dichloroethane	8.164	62	495418	113.045	ug/l	99
43) Isopropyl Acetate	8.207	43	496674	122.268	ug/l	99
44) Trichloroethene	8.872	130	561777	112.075	ug/l	100
45) 1,2-Dichloropropane	9.146	63	432494	113.231	ug/l	99
46) Dibromomethane	9.237	93	262366	114.547	ug/l	98
47) Bromodichloromethane	9.426	83	676225	113.792	ug/l	98
48) Methyl methacrylate	9.225	41	241591	122.022	ug/l	99
49) 1,4-Dioxane	9.237	88	57725	2313.854	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	1312615	617.308	ug/l	100
52) Toluene	10.176	92	1311251	110.742	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	608491	120.473	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	716450	118.398	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	353240	112.282	ug/l	99
56) Ethyl methacrylate	10.445	69	464598	106.931	ug/l	99
57) 1,3-Dichloropropane	10.719	76	575014	114.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	872464	515.858	ug/l	100
59) 2-Hexanone	10.762	43	951098	595.198	ug/l	100
60) Dibromochloromethane	10.914	129	508565	114.948	ug/l	100
61) 1,2-Dibromoethane	11.018	107	334797	114.932	ug/l	100
64) Tetrachloroethene	10.652	164	652710	107.821	ug/l	98
65) Chlorobenzene	11.444	112	1447917	111.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	510921	111.489	ug/l	100
67) Ethyl Benzene	11.524	91	2484959	117.640	ug/l	100
68) m/p-Xylenes	11.633	106	1985556	234.030	ug/l	100
69) o-Xylene	11.956	106	932155	118.123	ug/l	100
70) Styrene	11.975	104	1525616	120.448	ug/l	100
71) Bromoform	12.133	173	310928	113.726	ug/l #	98
73) Isopropylbenzene	12.255	105	2453842	118.029	ug/l	100
74) N-amyl acetate	12.072	43	456785	110.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	363749	115.480	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	292196m	109.342	ug/l	
77) Bromobenzene	12.536	156	590228	112.946	ug/l	98
78) n-propylbenzene	12.597	91	2811922	118.014	ug/l	100
79) 2-Chlorotoluene	12.682	91	1580174	115.849	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1934727	118.350	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	124482	119.213	ug/l	98
82) 4-Chlorotoluene	12.779	91	1597747	114.088	ug/l	99
83) tert-Butylbenzene	12.999	119	1801957	117.427	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	1905197	117.874	ug/l	100
85) sec-Butylbenzene	13.176	105	2568608	115.959	ug/l	99
86) p-Isopropyltoluene	13.292	119	2192839	117.834	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	1121459	111.533	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	1090961	110.554	ug/l	100
89) n-Butylbenzene	13.621	91	1903767	118.414	ug/l	100
90) Hexachloroethane	13.883	117	436199	112.271	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	956817	110.325	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	53587	116.735	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	564090	114.336	ug/l	100
94) Hexachlorobutadiene	15.023	225	362949	105.082	ug/l	99
95) Naphthalene	15.145	128	929696	107.029	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	474010	114.488	ug/l	99

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ClientSampleId :
VSTDICC100

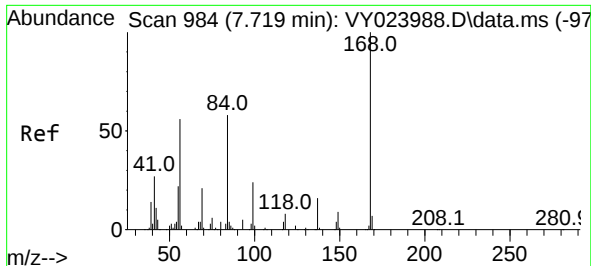
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/18/2025

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Quant Title : SW846 8260
QLast Update : Wed Dec 17 03:31:24 2025
Response via : Initial Calibration

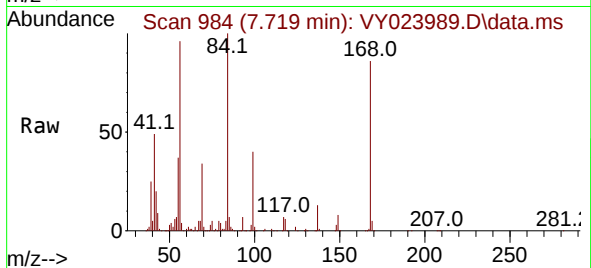
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

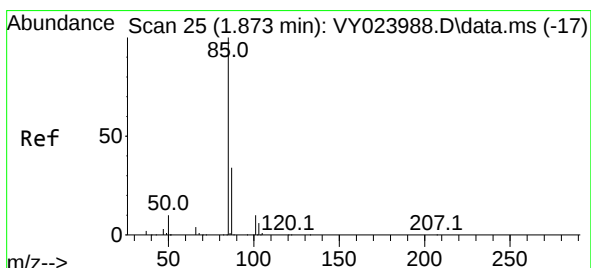
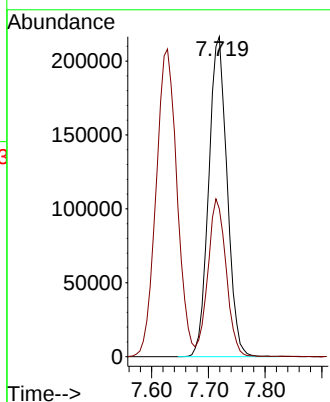
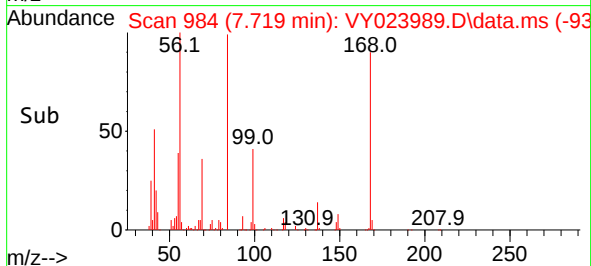
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 48747
Ion Ratio Lower Upper
168 100
99 46.1 38.3 57.5

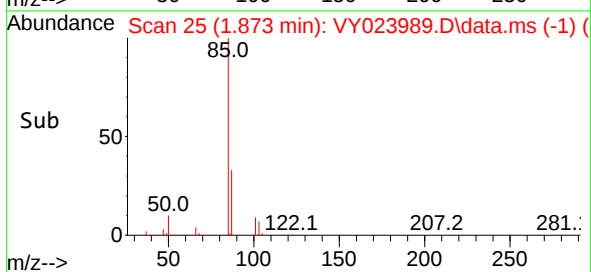
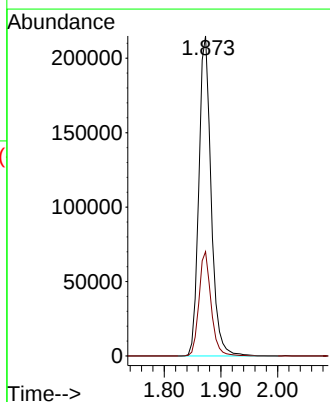
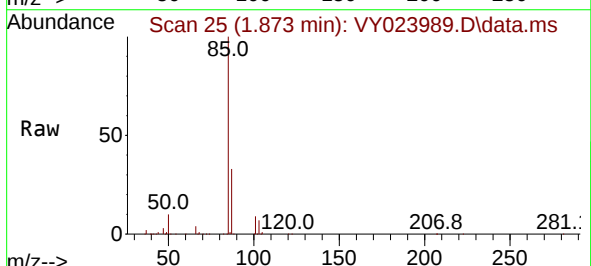
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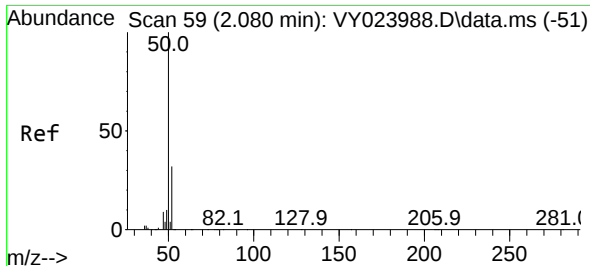
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#2
Dichlorodifluoromethane
Concen: 103.404 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

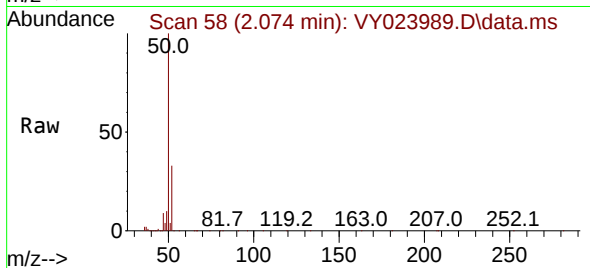
Tgt Ion: 85 Resp: 323412
Ion Ratio Lower Upper
85 100
87 32.6 17.3 51.7





#3
Chloromethane
Concen: 112.664 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

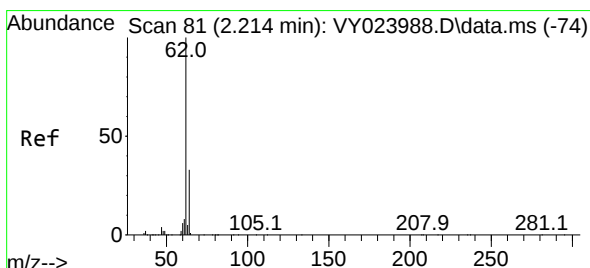
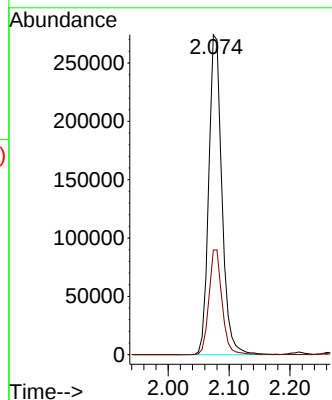
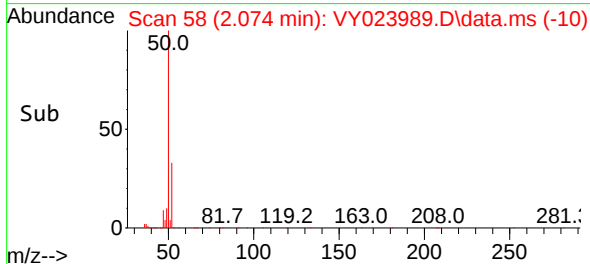
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 50 Resp: 412448
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8

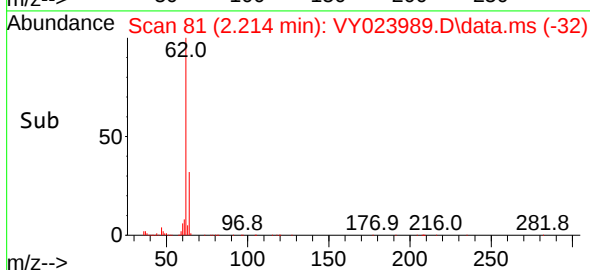
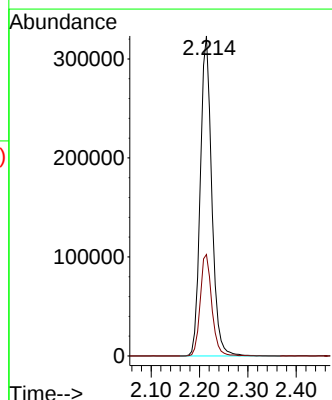
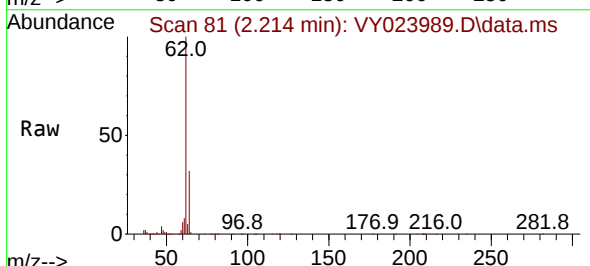
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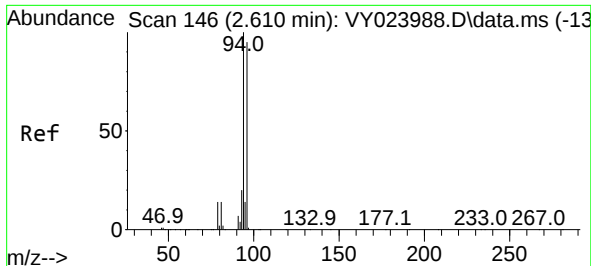
Reviewed By :Semsettin Yesilyurt 12/17/2025
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#4
Vinyl Chloride
Concen: 114.690 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

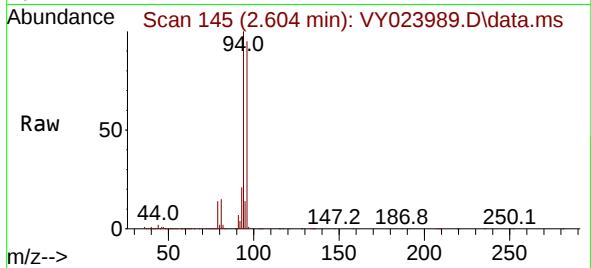
Tgt Ion: 62 Resp: 530441
Ion Ratio Lower Upper
62 100
64 31.7 26.6 40.0





#5
Bromomethane
Concen: 107.421 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

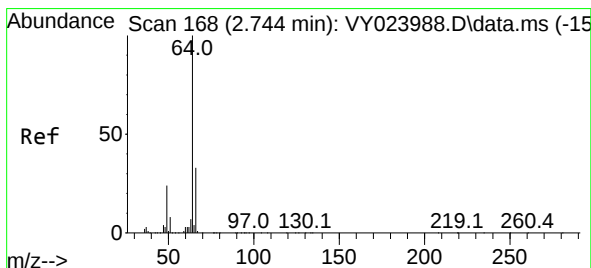
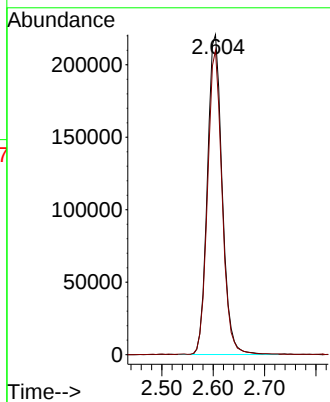
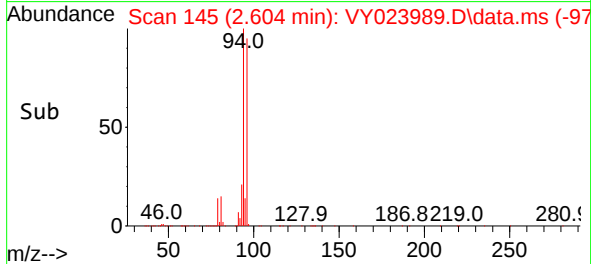
Instrument :
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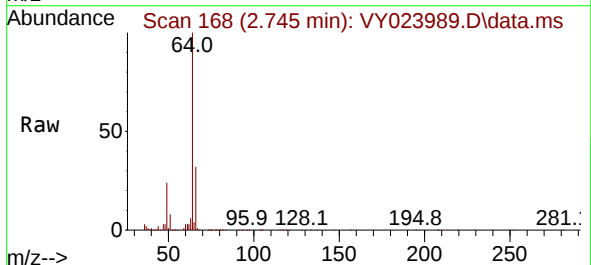
Tgt Ion: 94 Resp: 44092
Ion Ratio Lower Upper
94 100
96 95.0 75.6 113.4

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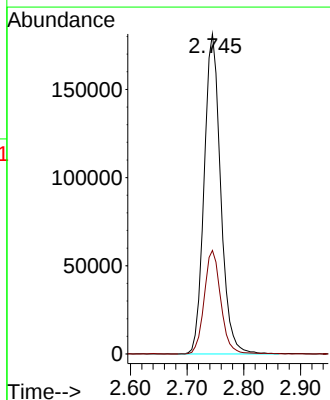
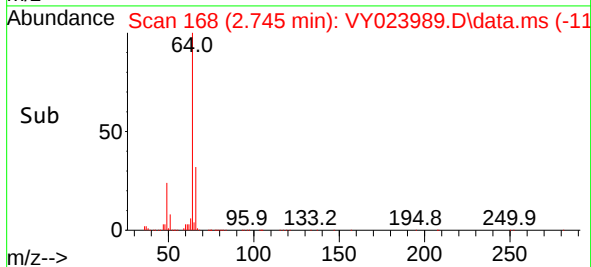
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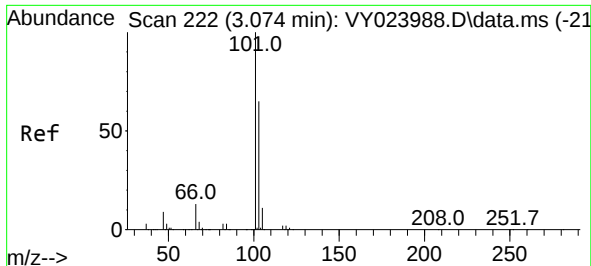


#6
Chloroethane
Concen: 112.618 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023989.D
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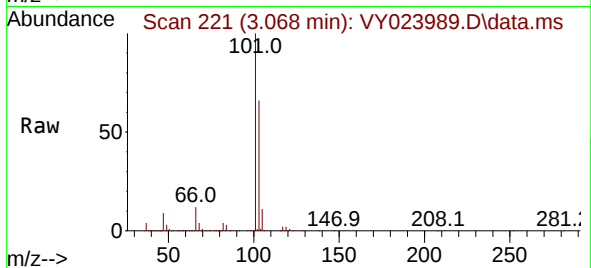
Tgt Ion: 64 Resp: 366898
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 109.956 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

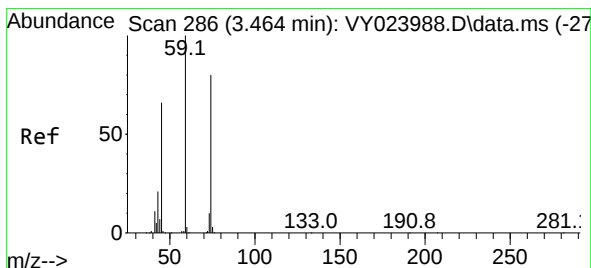
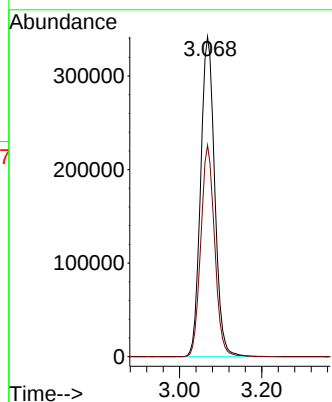
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 811778
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.6

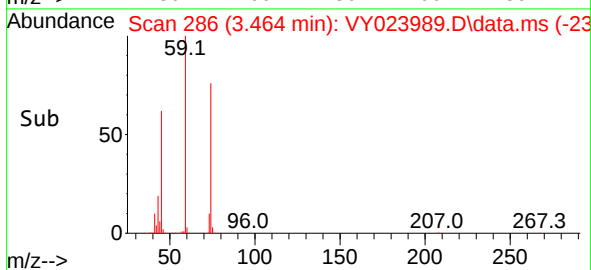
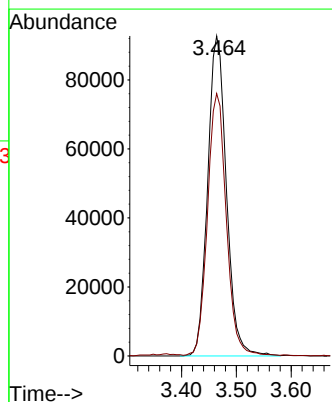
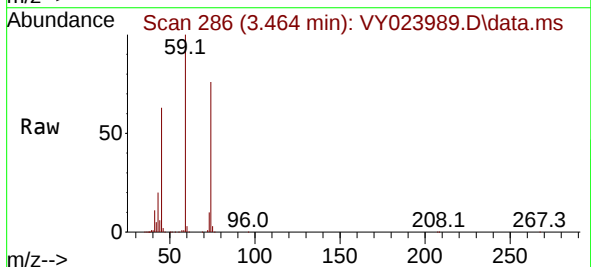
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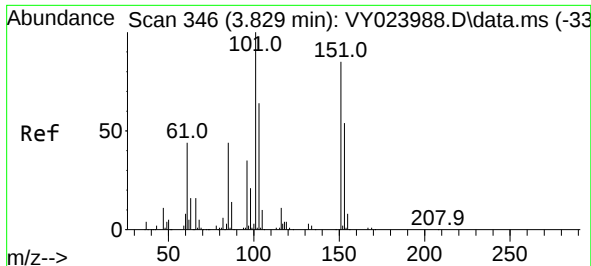
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#8
Diethyl Ether
Concen: 111.487 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

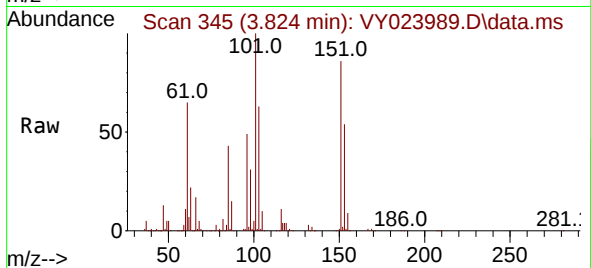
Tgt Ion: 74 Resp: 219948
Ion Ratio Lower Upper
74 100
45 81.7 39.9 119.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 105.237 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY023989.D
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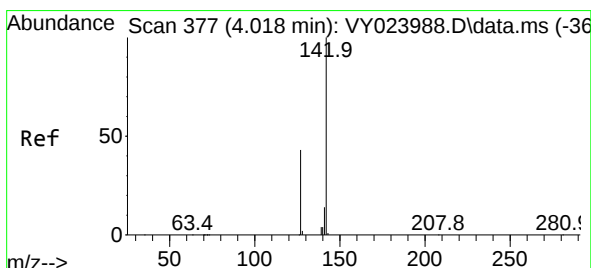
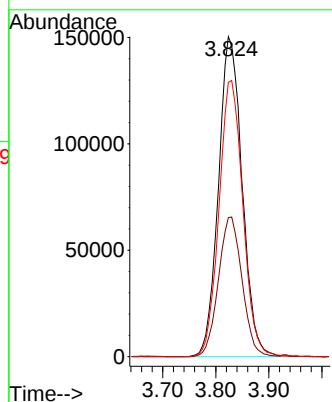
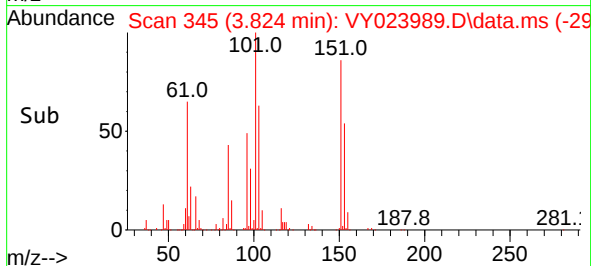
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



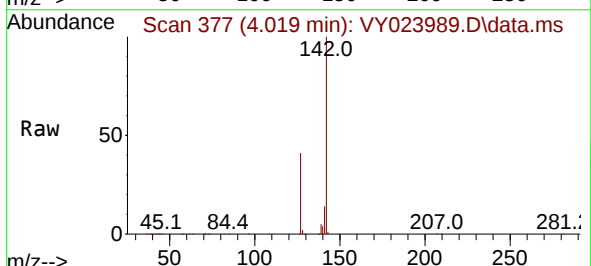
Tgt Ion:101 Resp: 46563
Ion Ratio Lower Upper
101 100
85 43.7 34.7 52.1
151 87.1 67.6 101.4

Manual Integrations
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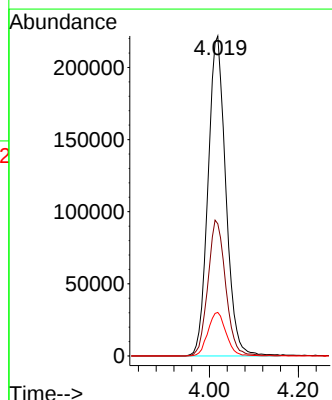
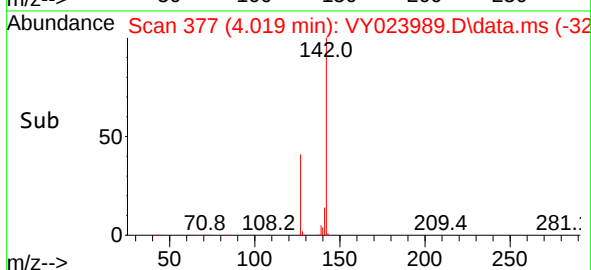
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

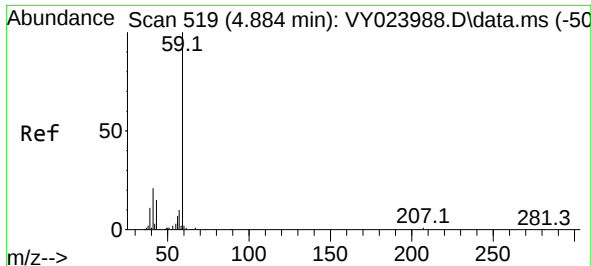


#10
Methyl Iodide
Concen: 111.875 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.001 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



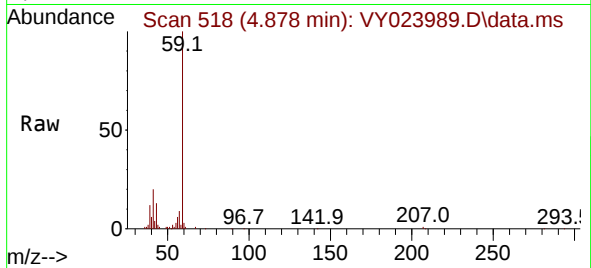
Tgt Ion:142 Resp: 617074
Ion Ratio Lower Upper
142 100
127 42.4 34.3 51.5
141 13.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 568.343 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

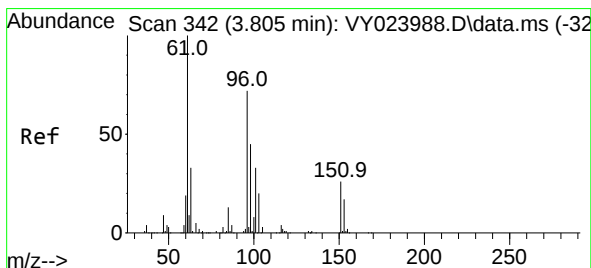
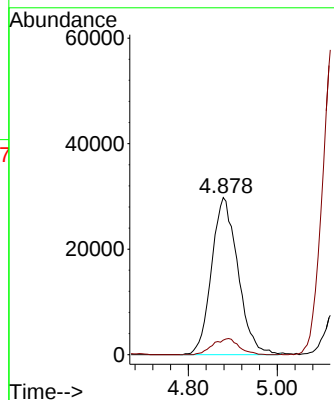
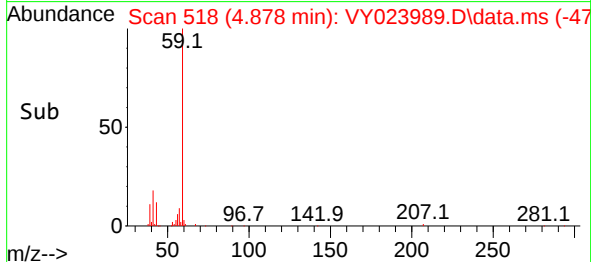
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



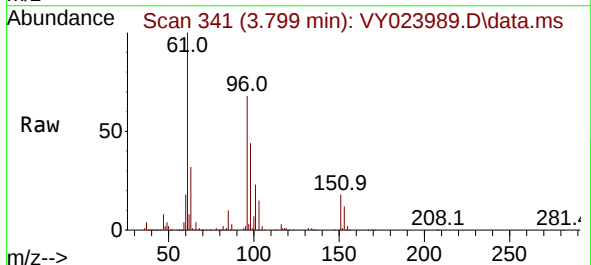
Tgt Ion: 59 Resp: 122579
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
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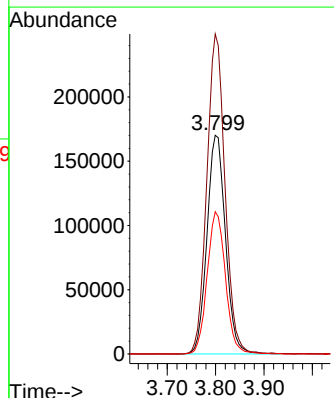
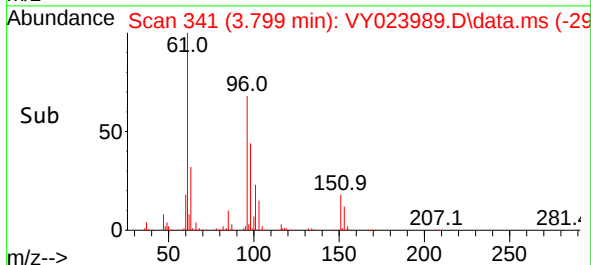
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

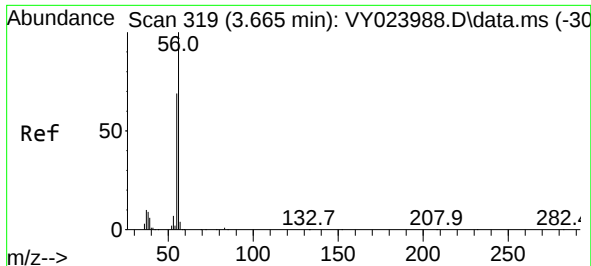


#12
1,1-Dichloroethene
Concen: 112.858 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



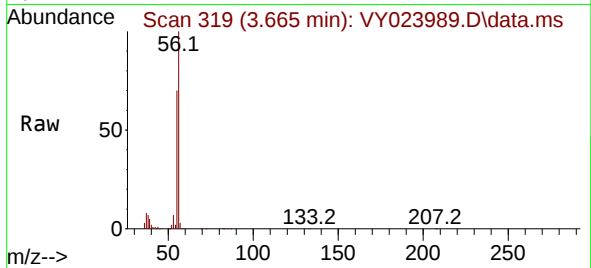
Tgt Ion: 96 Resp: 452564
Ion Ratio Lower Upper
96 100
61 146.3 111.1 166.7
98 65.0 50.2 75.2





#13
Acrolein
Concen: 534.193 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

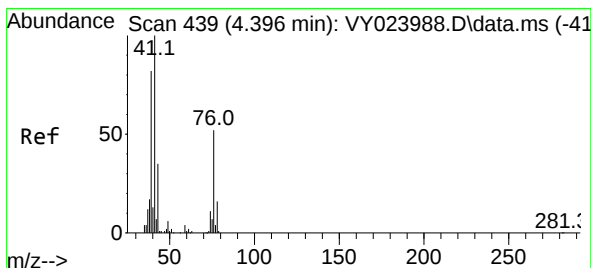
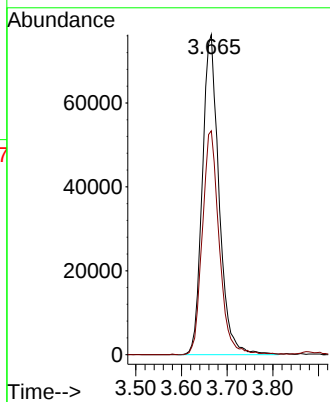
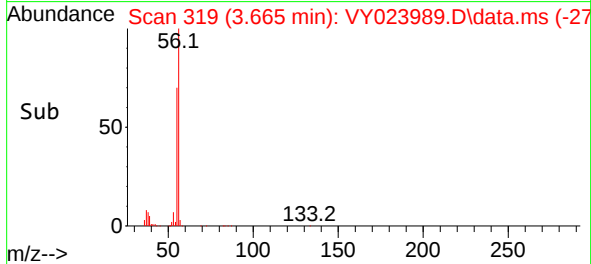
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 19317
Ion Ratio Lower Upper
56 100
55 70.6 58.1 87.1

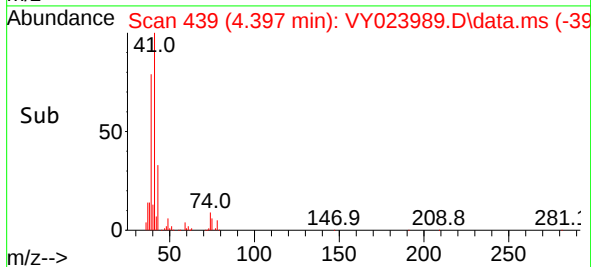
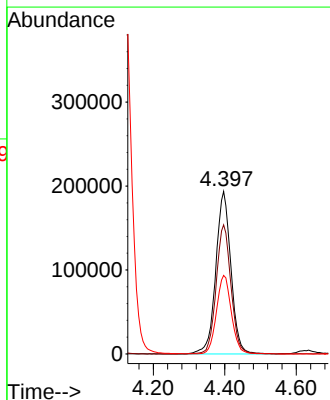
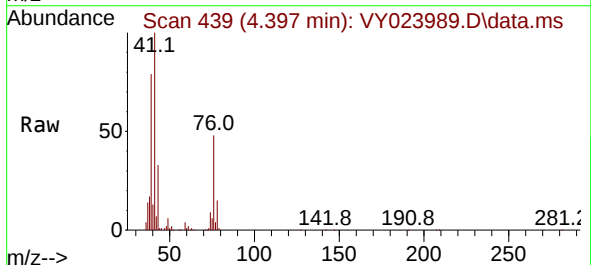
Manual Integrations
APPROVED

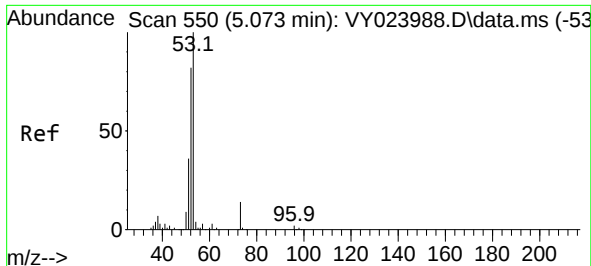
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#14
Allyl chloride
Concen: 117.308 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

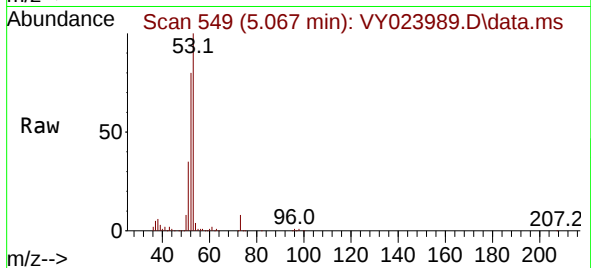
Tgt Ion: 41 Resp: 569784
Ion Ratio Lower Upper
41 100
39 77.6 62.9 94.3
76 47.3 38.7 58.1





#15
Acrylonitrile
Concen: 579.287 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

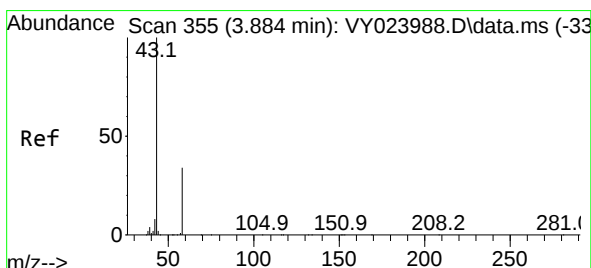
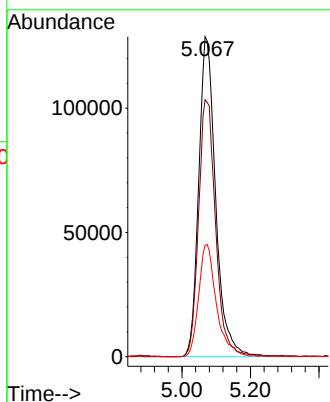
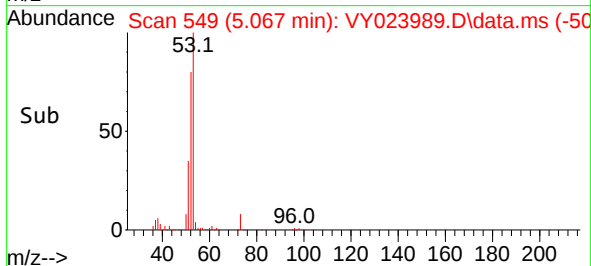
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



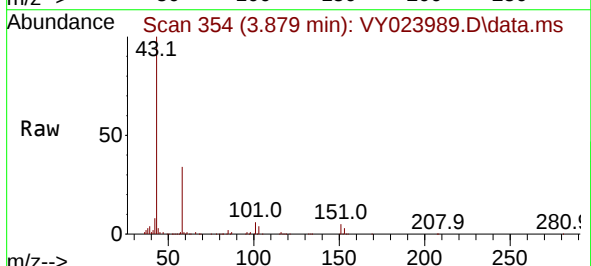
Tgt Ion: 53 Resp: 44395
Ion Ratio Lower Upper
53 100
52 80.8 64.2 96.4
51 36.7 29.1 43.7

Manual Integrations
APPROVED

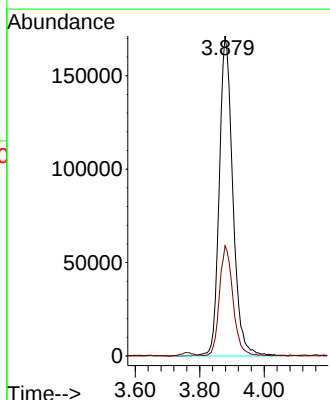
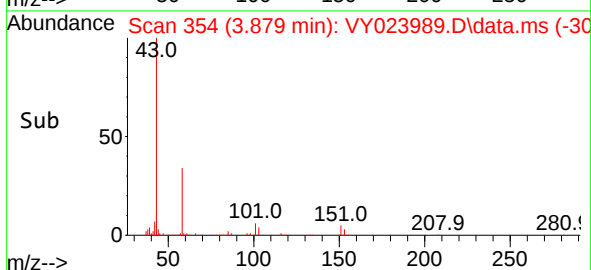
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

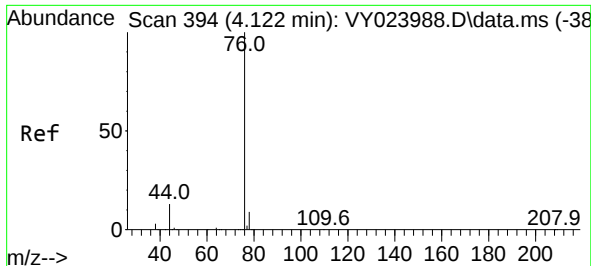


#16
Acetone
Concen: 525.979 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.005 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



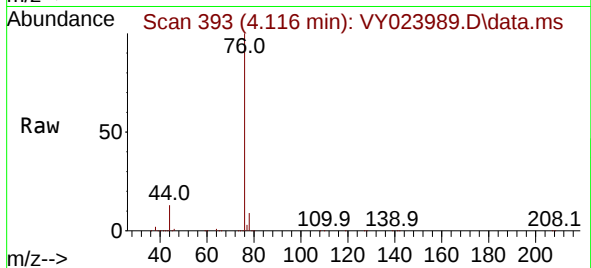
Tgt Ion: 43 Resp: 500477
Ion Ratio Lower Upper
43 100
58 34.3 27.7 41.5





#17
Carbon Disulfide
Concen: 121.766 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

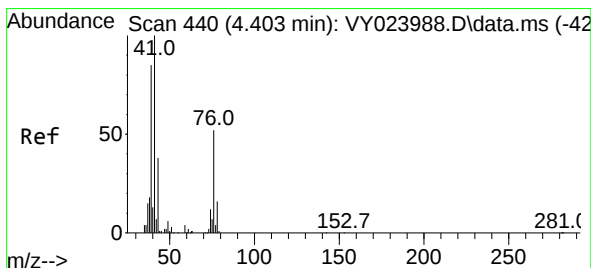
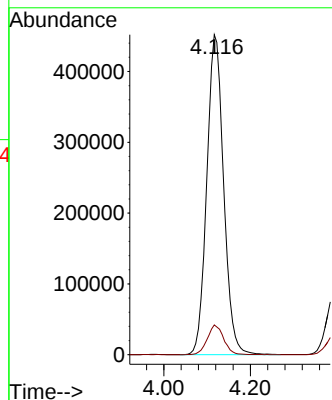
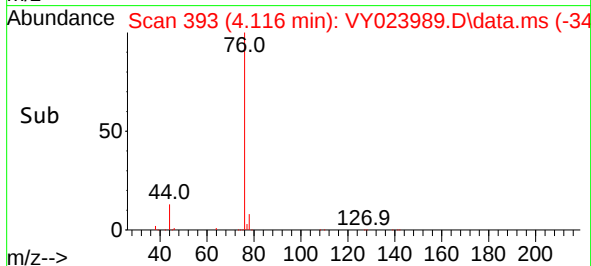
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 122192
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

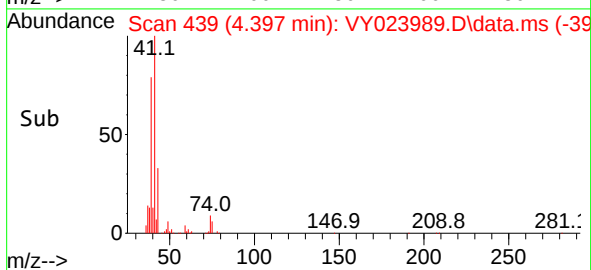
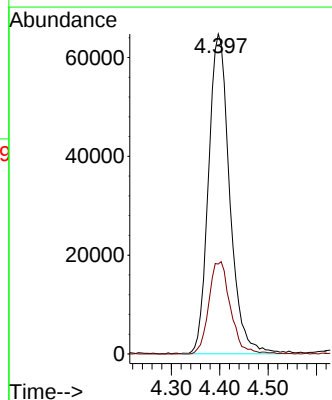
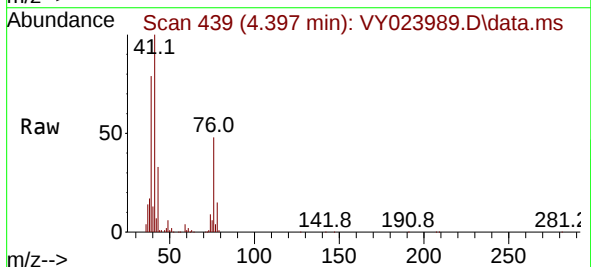
Manual Integrations
APPROVED

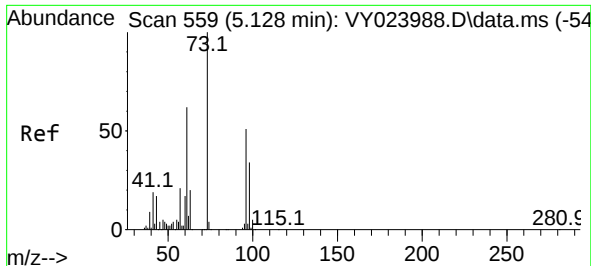
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#18
Methyl Acetate
Concen: 118.246 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

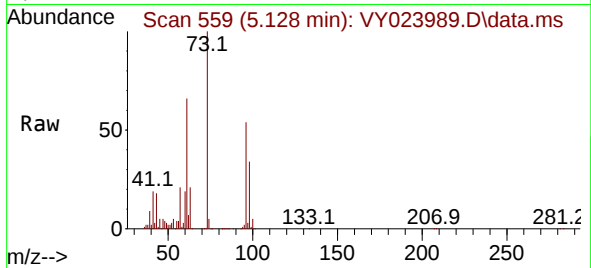
Tgt Ion: 43 Resp: 196770
Ion Ratio Lower Upper
43 100
74 29.5 24.7 37.1





#19
Methyl tert-butyl Ether
Concen: 116.532 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

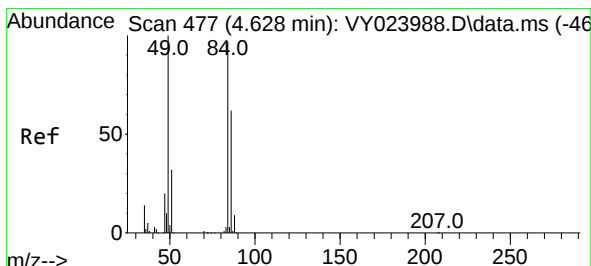
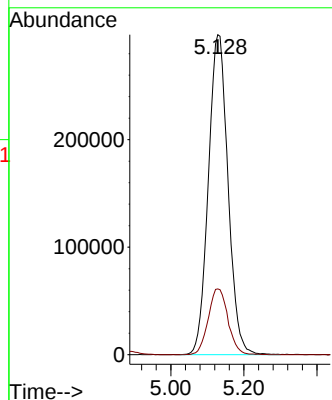
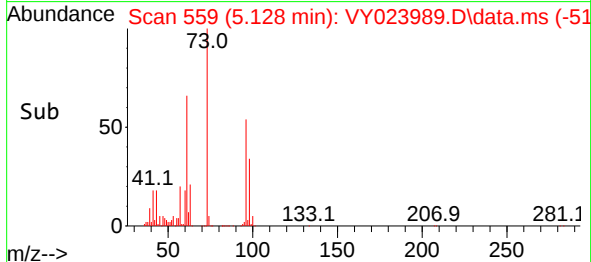
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 73 Resp: 1110218
Ion Ratio Lower Upper
73 100
57 20.6 16.6 24.8

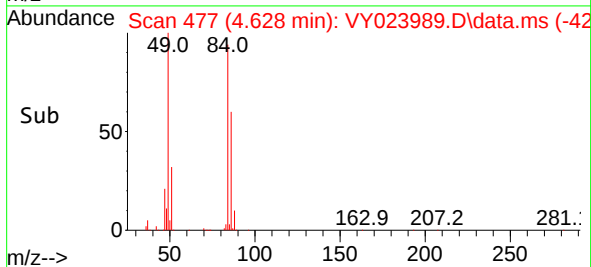
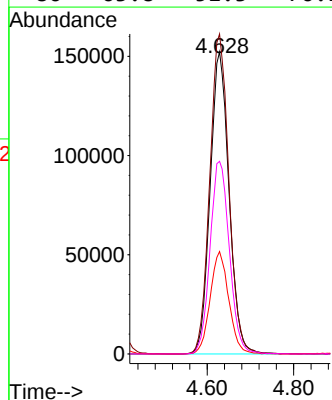
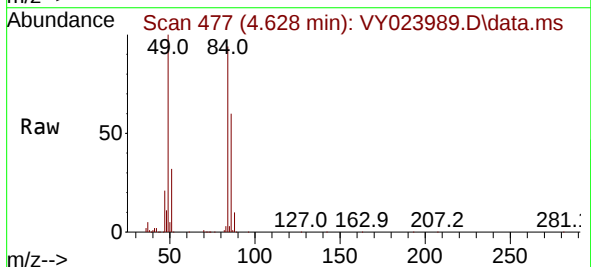
Manual Integrations
APPROVED

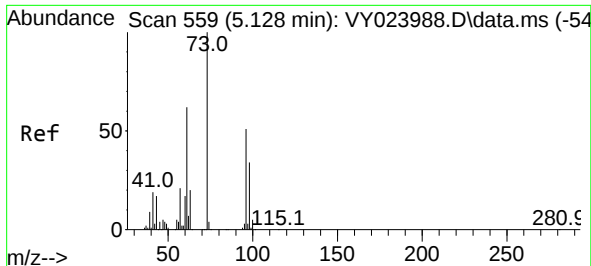
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#20
Methylene Chloride
Concen: 90.971 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

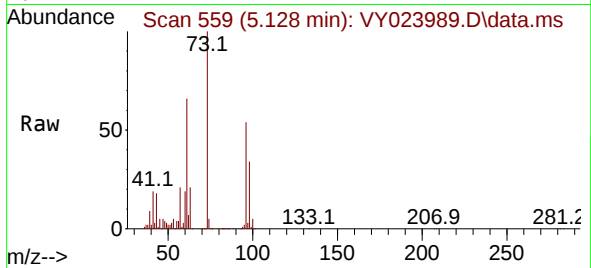
Tgt Ion: 84 Resp: 460601
Ion Ratio Lower Upper
84 100
49 105.9 82.6 124.0
51 33.9 26.4 39.6
86 63.8 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 114.616 ug/l
RT: 5.128 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

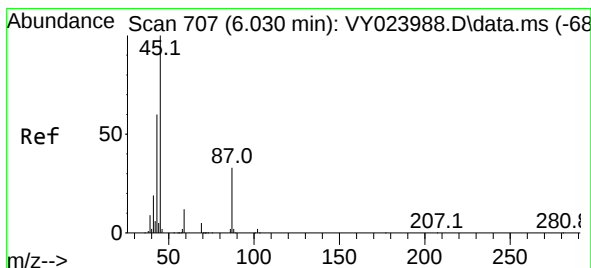
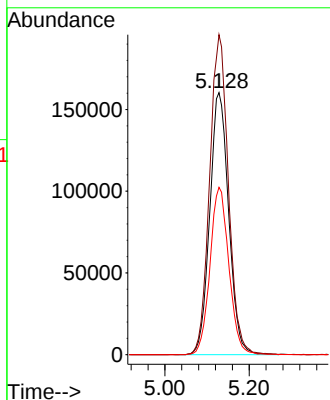
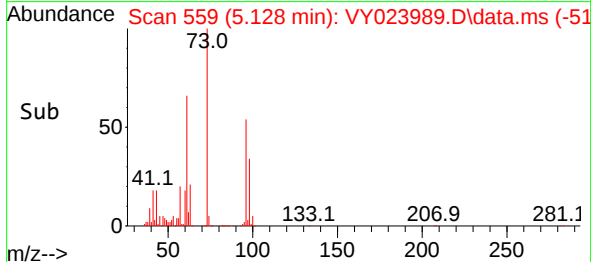
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 499470
Ion Ratio Lower Upper
96 100
61 122.1 97.8 146.8
98 63.8 52.8 79.2

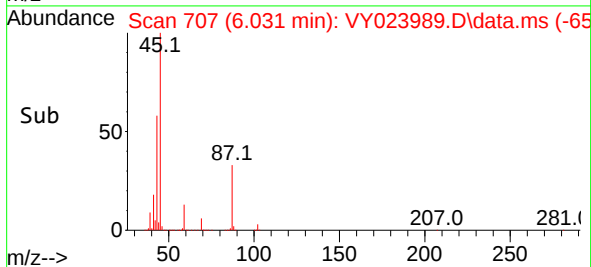
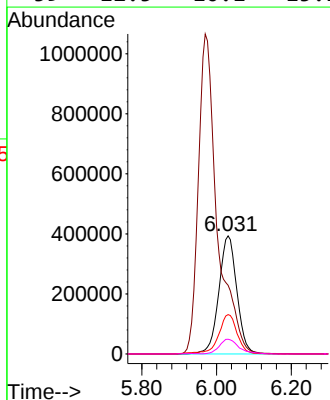
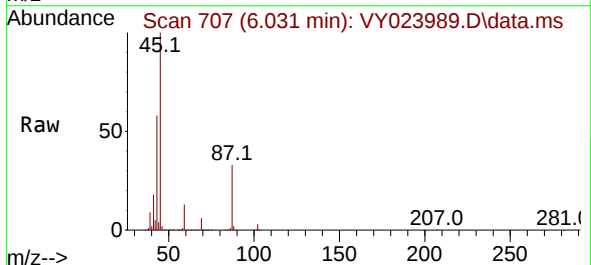
Manual Integrations
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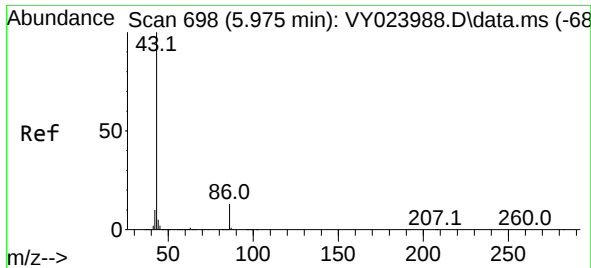
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#22
Diisopropyl ether
Concen: 117.328 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 45 Resp: 1316116
Ion Ratio Lower Upper
45 100
43 58.1 48.3 72.5
87 33.3 26.8 40.2
59 12.5 10.1 15.1





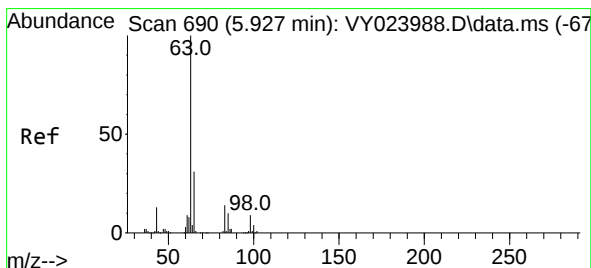
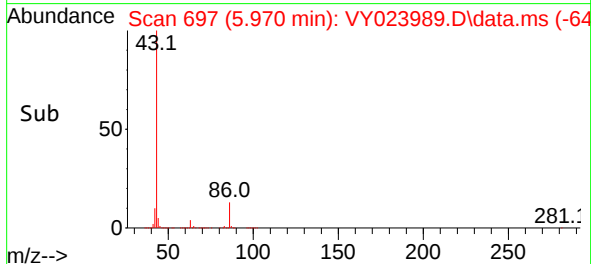
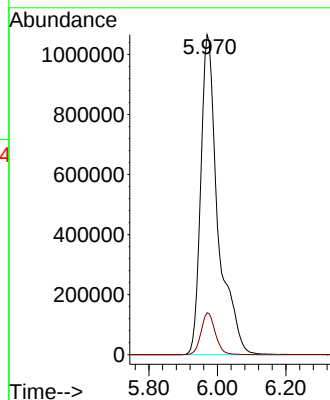
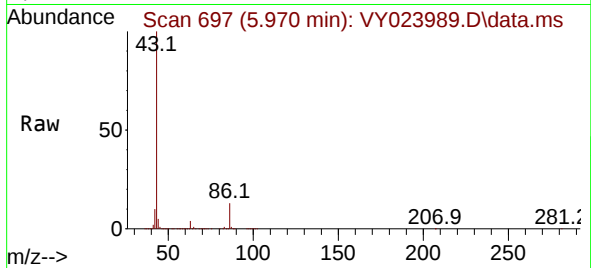
#23
 Vinyl Acetate
 Concen: 610.823 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 372978
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.3 15.5

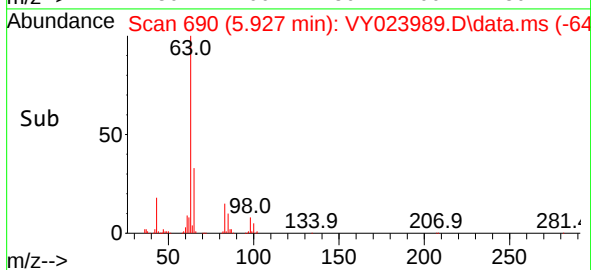
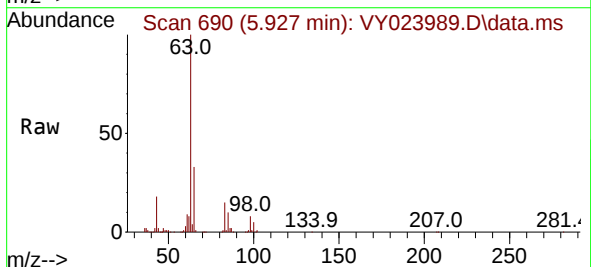
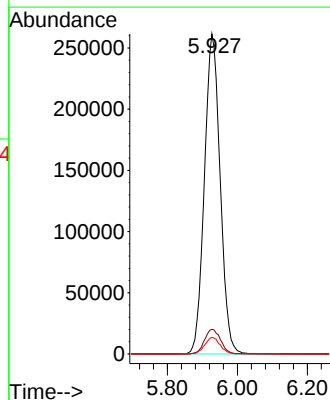
Manual Integrations
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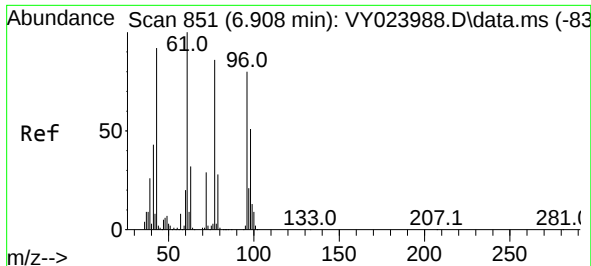
Reviewed By :Semsettin Yesilyurt 12/17/2025
 Supervised By :Mahesh Dadoda 12/18/2025



#24
 1,1-Dichloroethane
 Concen: 111.933 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

Tgt Ion: 63 Resp: 816997
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 12.9
 100 5.2 2.2 6.6





#25

2-Butanone

Concen: 538.015 ug/l

RT: 6.902 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 60841

Ion Ratio Lower Upper

43 100

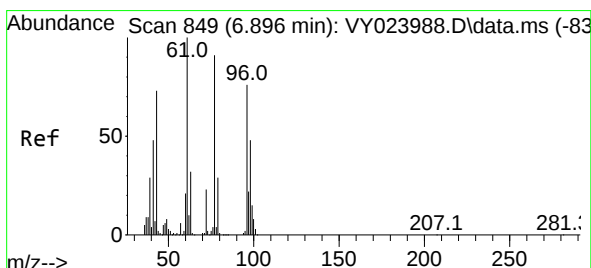
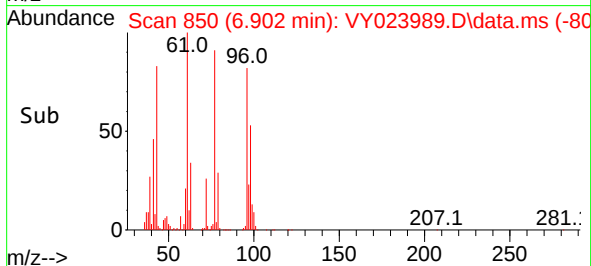
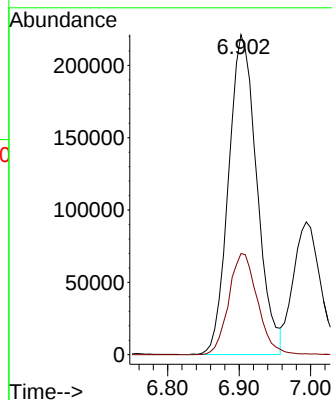
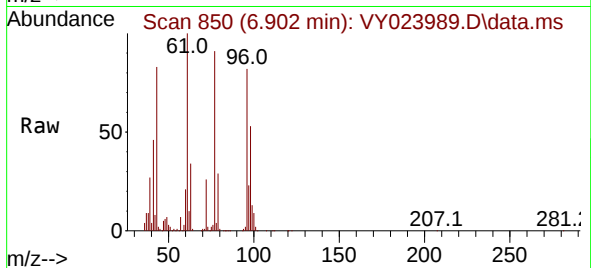
72 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025

Supervised By :Mahesh Dadoda 12/18/2025



#26

2,2-Dichloropropane

Concen: 112.440 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023989.D

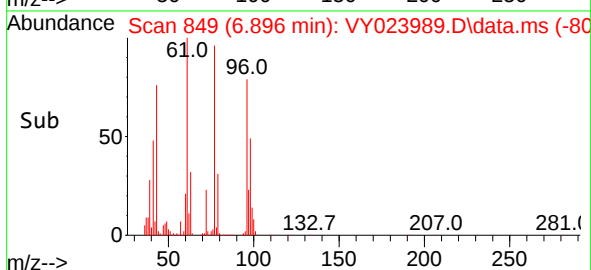
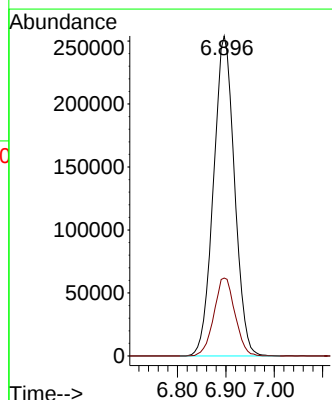
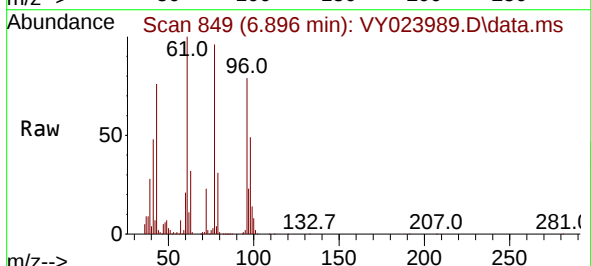
Acq: 16 Dec 2025 14:51

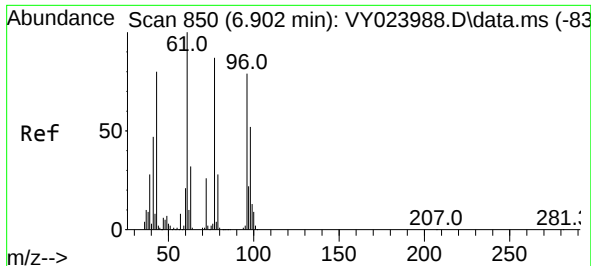
Tgt Ion: 77 Resp: 765865

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 114.915 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

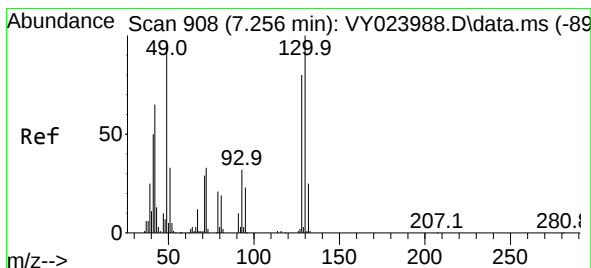
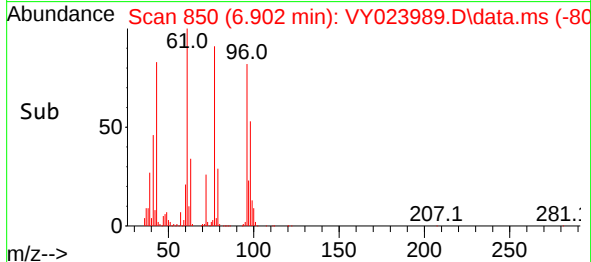
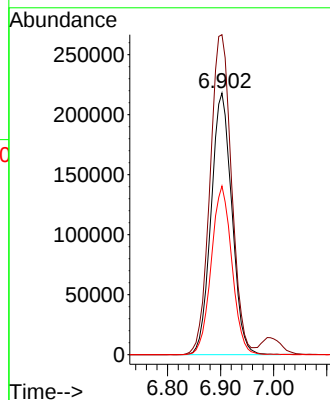
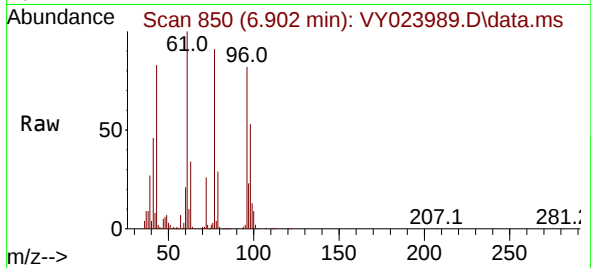
VSTDICC100

Tgt Ion: 96	Resp: 59319
Ion Ratio	Lower Upper
96 100	
61 127.2	0.0 258.8
98 64.0	0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#28

Bromochloromethane

Concen: 114.480 ug/l

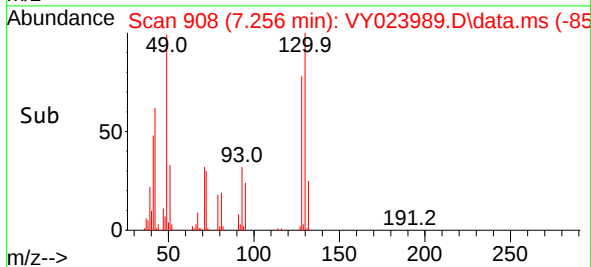
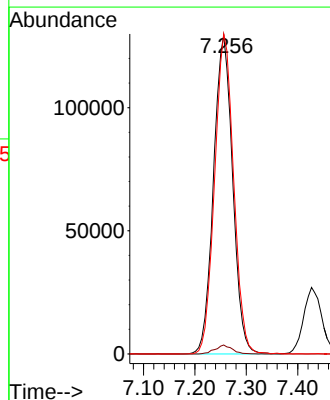
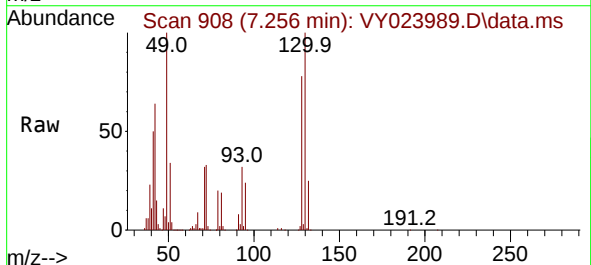
RT: 7.256 min Scan# 908

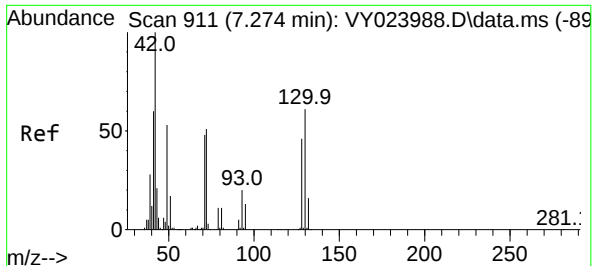
Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

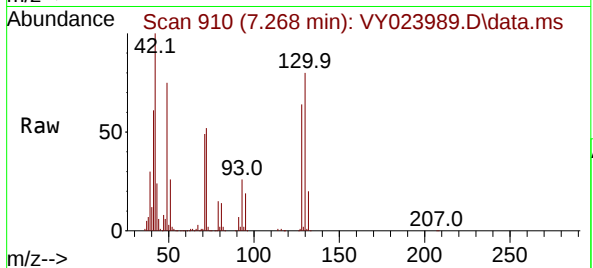
Tgt Ion: 49	Resp: 333475
Ion Ratio	Lower Upper
49 100	
129 2.5	0.0 5.4
130 99.8	80.3 120.5





#29
Tetrahydrofuran
Concen: 603.418 ug/l
RT: 7.268 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

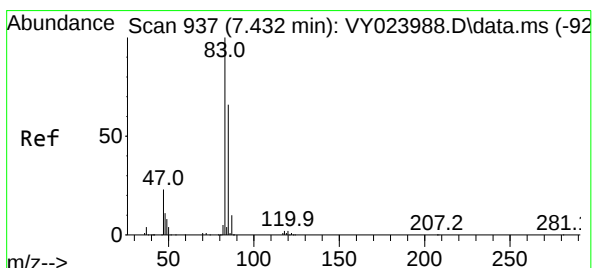
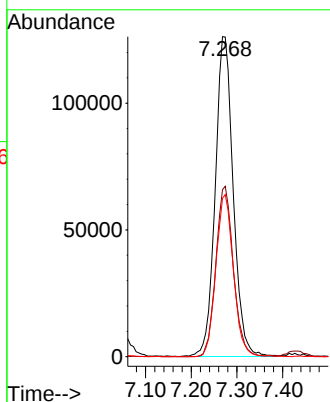
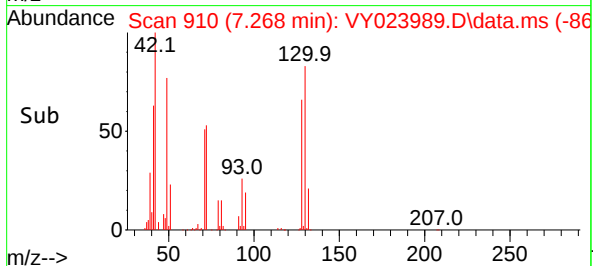
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



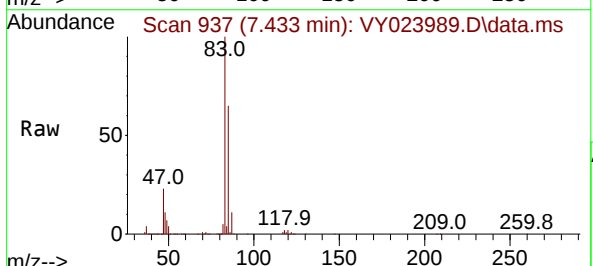
Tgt Ion: 42 Resp: 345479
Ion Ratio Lower Upper
42 100
72 51.9 41.4 62.0
71 49.3 38.6 57.8

Manual Integrations
APPROVED

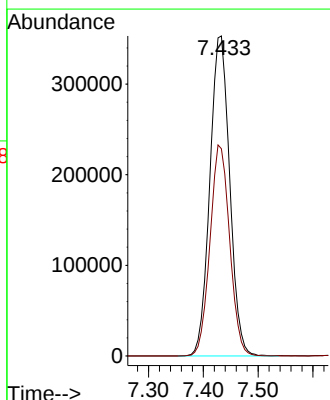
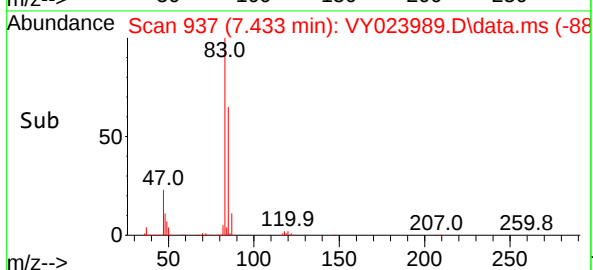
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

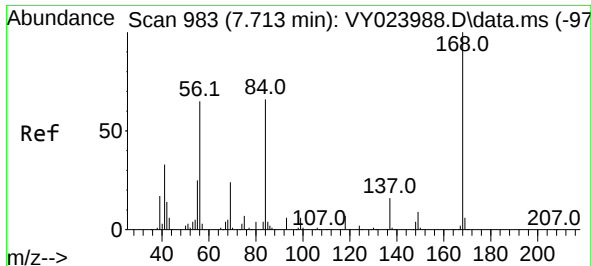


#30
Chloroform
Concen: 109.422 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



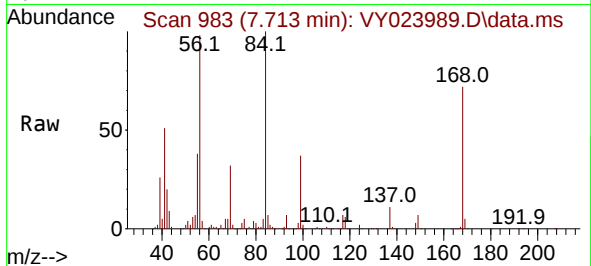
Tgt Ion: 83 Resp: 886042
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8





#31
Cyclohexane
Concen: 110.399 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

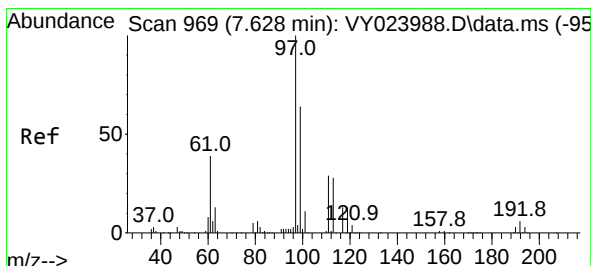
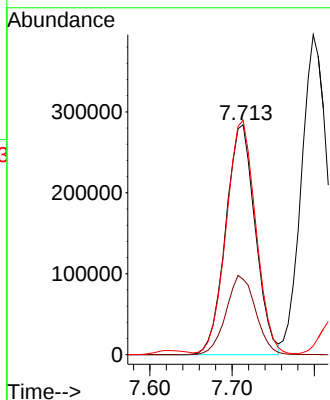
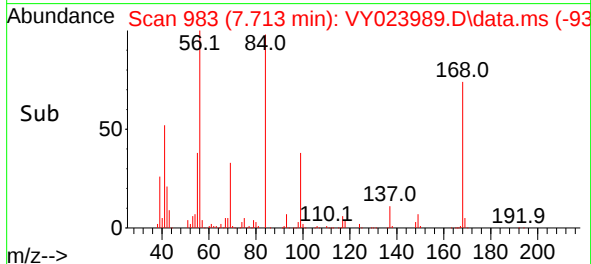
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 71194
Ion Ratio Lower Upper
56 100
69 32.8 30.0 45.0
84 100.2 81.0 121.4

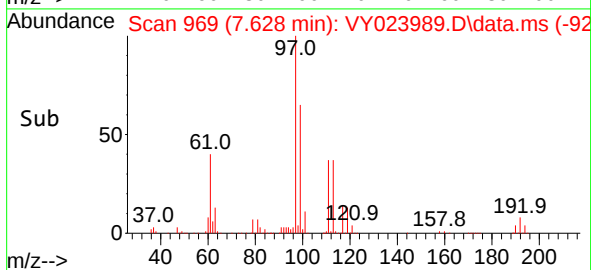
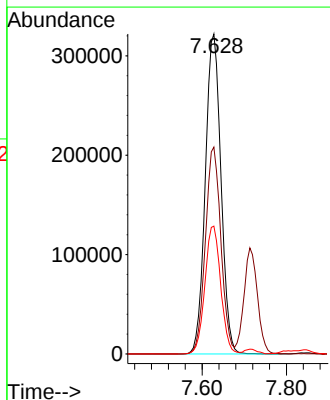
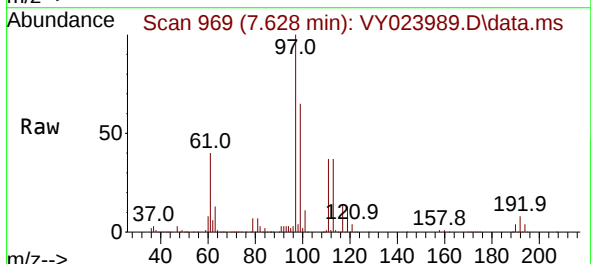
Manual Integrations
APPROVED

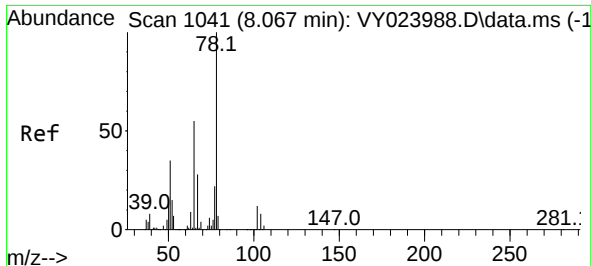
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#32
1,1,1-Trichloroethane
Concen: 110.956 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 97 Resp: 833426
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 40.3 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 106.953 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 394048

Ion Ratio Lower Upper

65 100

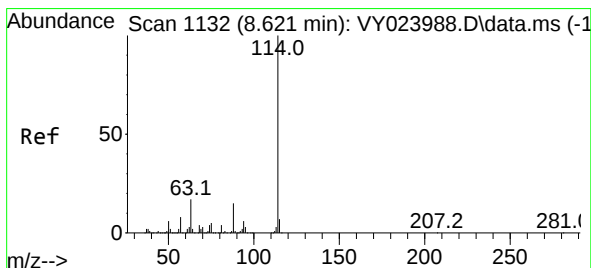
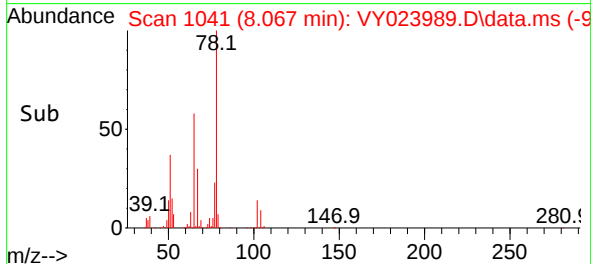
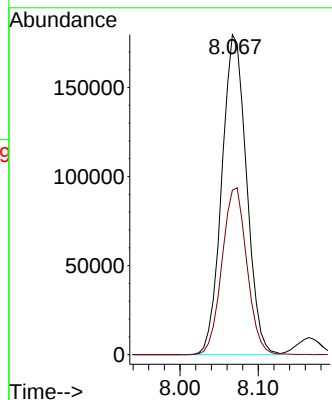
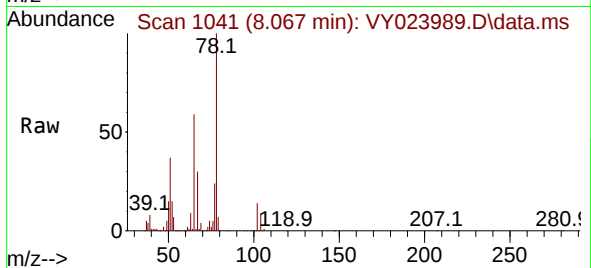
67 52.6 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025

Supervised By :Mahesh Dadoda 12/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

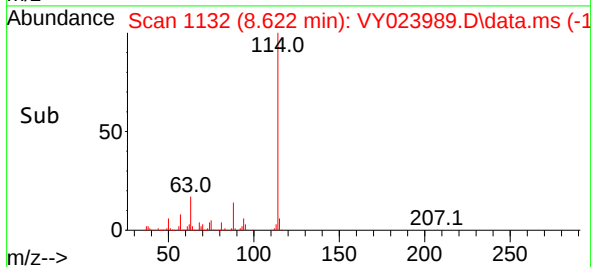
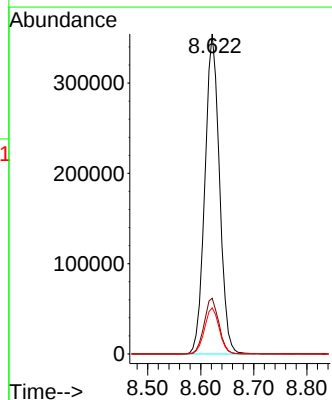
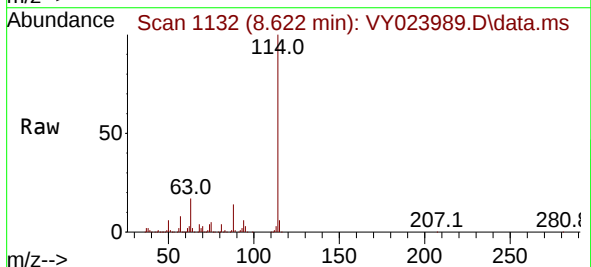
Tgt Ion:114 Resp: 676322

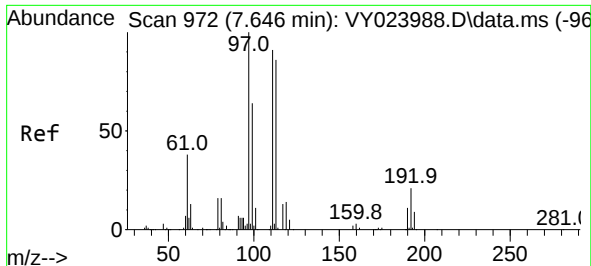
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.6

88 14.4 0.0 29.2





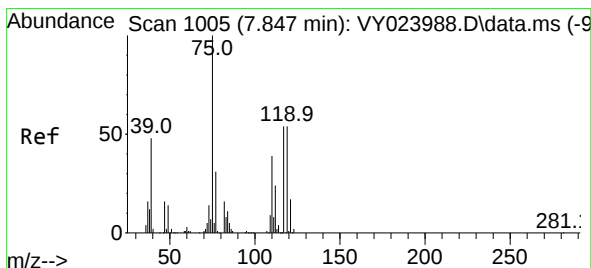
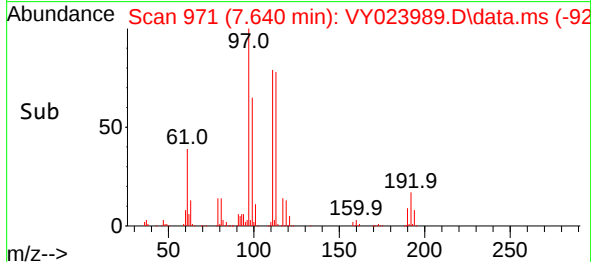
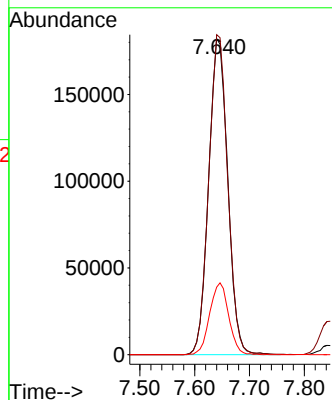
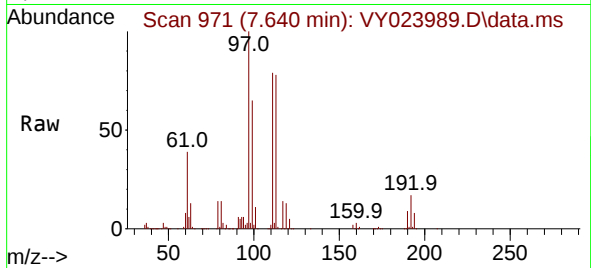
#35
Dibromofluoromethane
Concen: 108.857 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:113 Resp: 440590
Ion Ratio Lower Upper
113 100
111 100.7 82.1 123.1
192 22.5 18.2 27.4

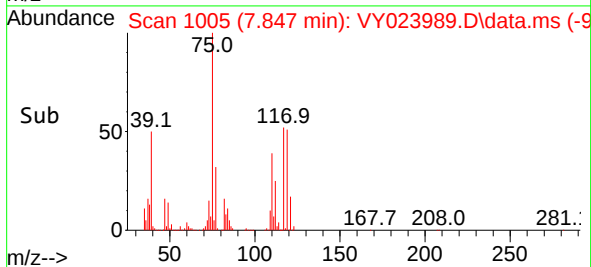
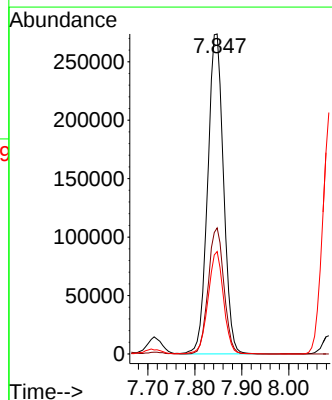
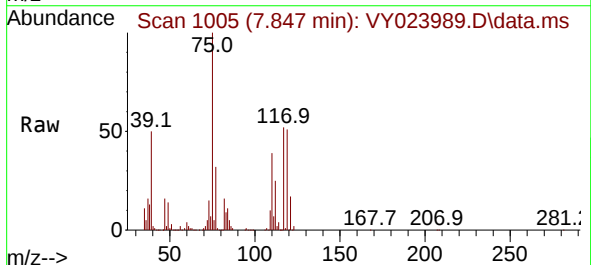
Manual Integrations
APPROVED

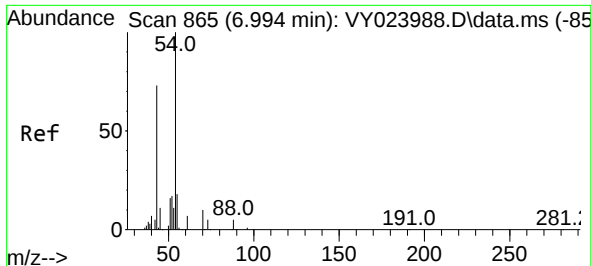
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#36
1,1-Dichloropropene
Concen: 115.009 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

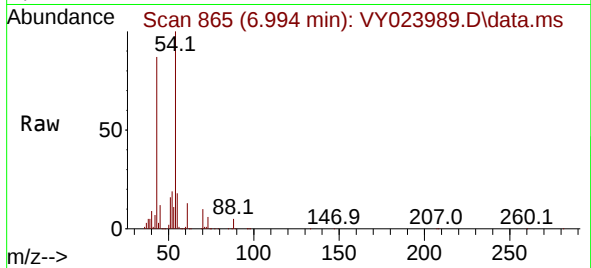
Tgt Ion: 75 Resp: 638014
Ion Ratio Lower Upper
75 100
110 39.1 19.6 58.8
77 31.5 25.4 38.0





#37
Ethyl Acetate
Concen: 117.277 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

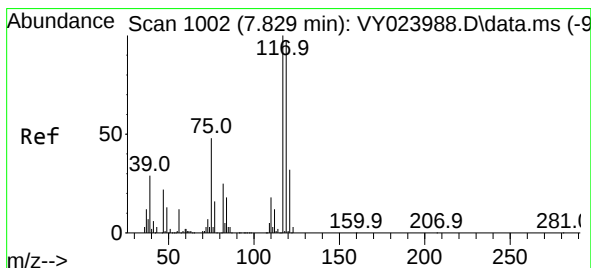
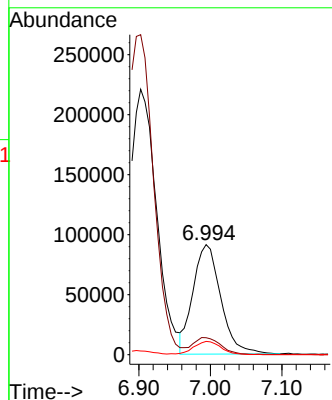
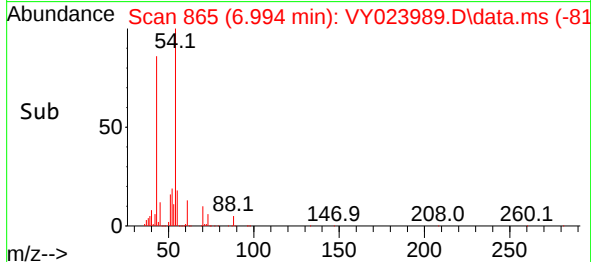
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



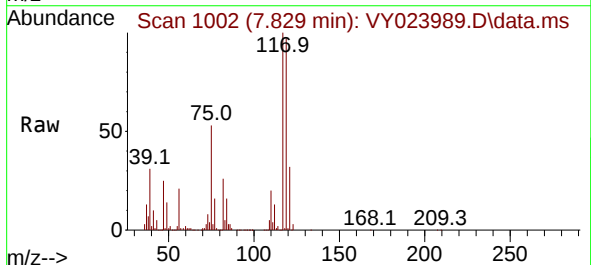
Tgt Ion: 43 Resp: 24628
Ion Ratio Lower Upper
43 100
61 15.6 12.6 18.8
70 11.5 9.0 13.6

Manual Integrations
APPROVED

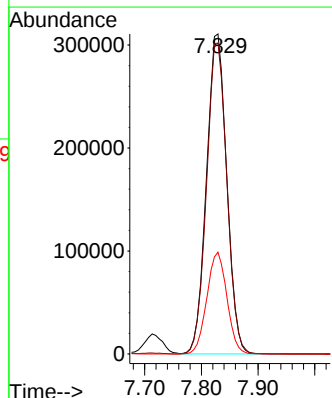
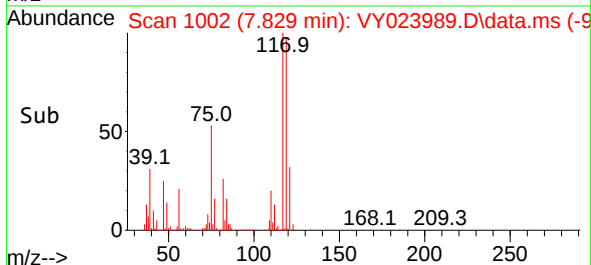
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

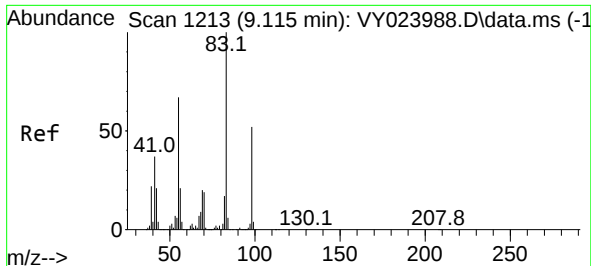


#38
Carbon Tetrachloride
Concen: 111.174 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



Tgt Ion:117 Resp: 772553
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5
121 31.8 25.3 37.9





#39

Methylcyclohexane

Concen: 119.042 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 880518

Ion Ratio Lower Upper

83 100

55 64.9 53.8 80.6

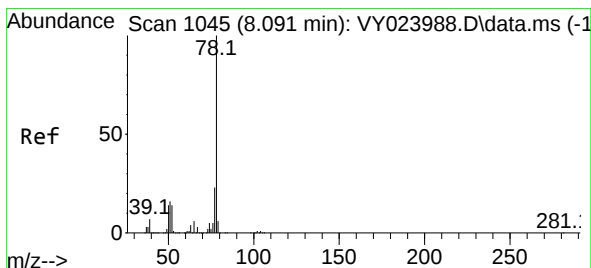
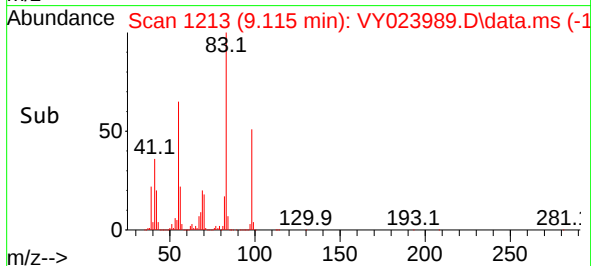
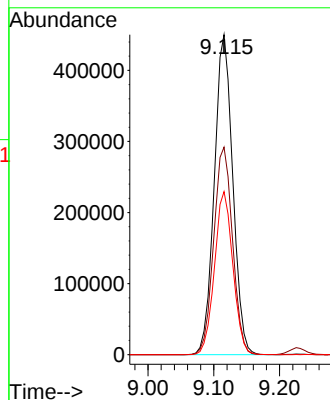
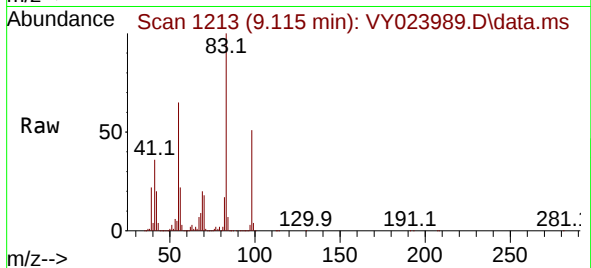
98 50.9 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025

Supervised By :Mahesh Dadoda 12/18/2025



#40

Benzene

Concen: 113.869 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY023989.D

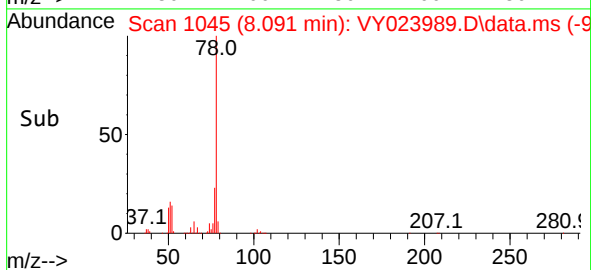
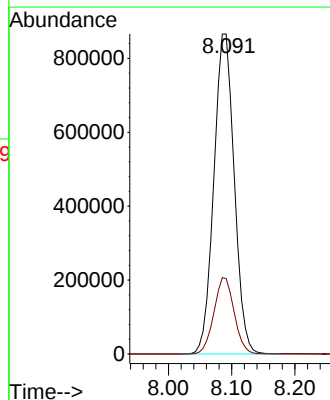
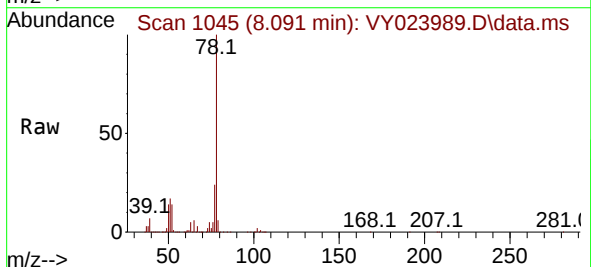
Acq: 16 Dec 2025 14:51

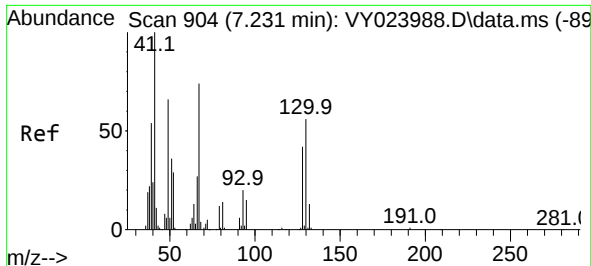
Tgt Ion: 78 Resp: 1936836

Ion Ratio Lower Upper

78 100

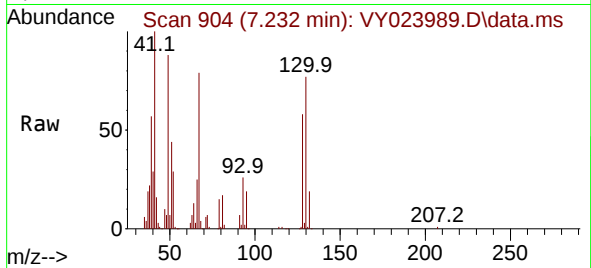
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 106.676 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

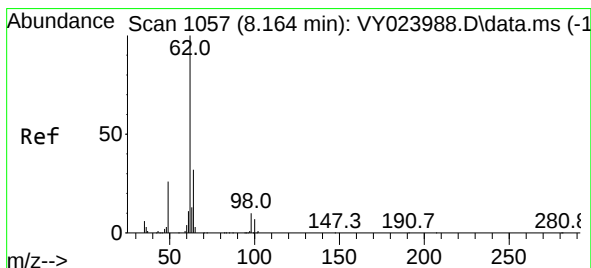
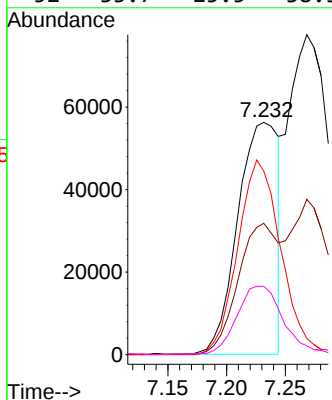
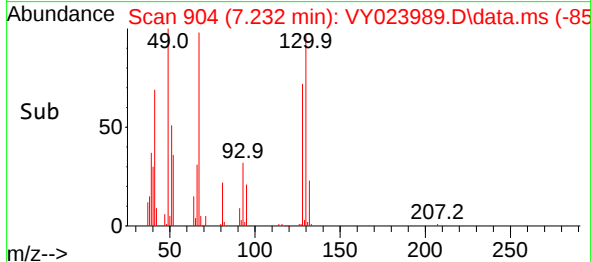
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



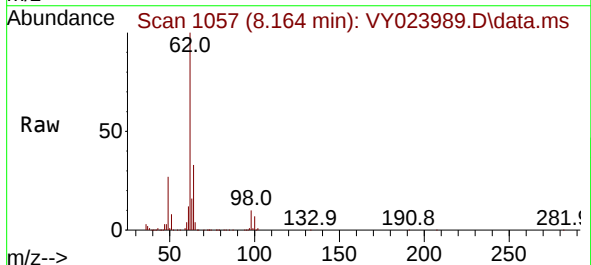
Tgt Ion: 41 Resp: 135272
Ion Ratio Lower Upper
41 100
39 55.1 37.9 56.9
67 89.7 65.6 98.4
52 33.7 25.5 38.3

Manual Integrations
APPROVED

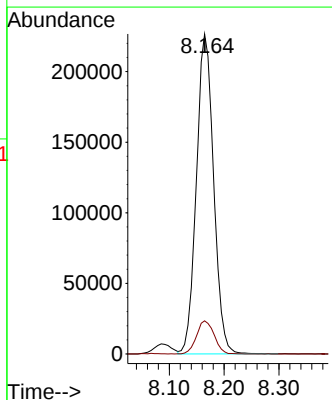
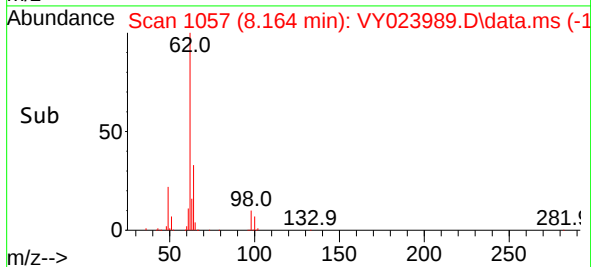
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

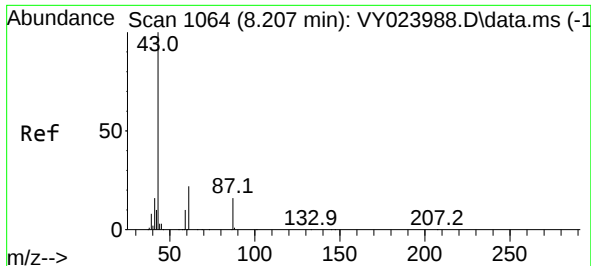


#42
1,2-Dichloroethane
Concen: 113.045 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



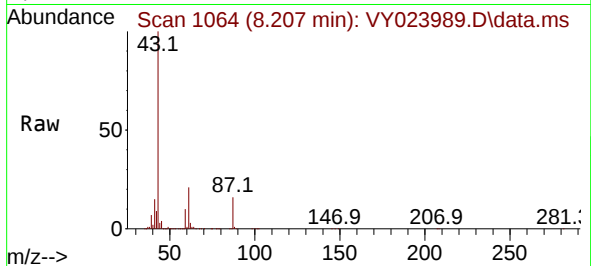
Tgt Ion: 62 Resp: 495418
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





#43
Isopropyl Acetate
Concen: 122.268 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

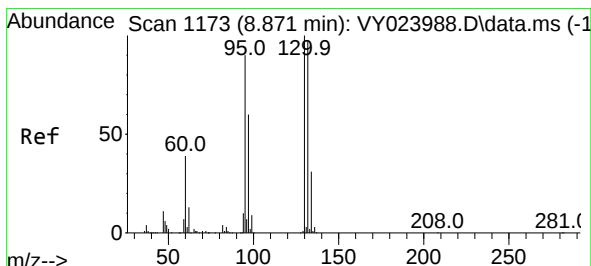
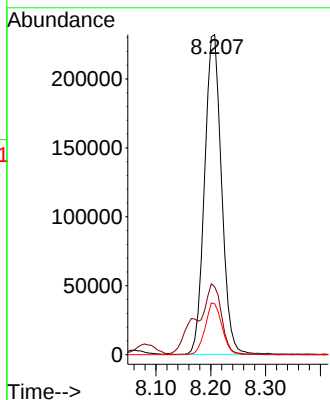
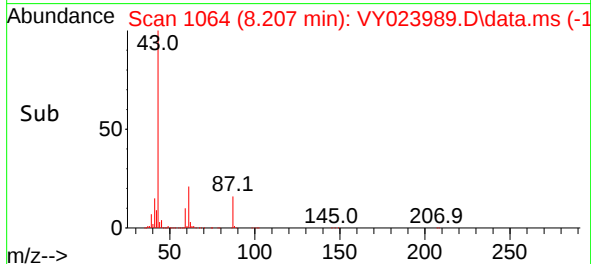
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



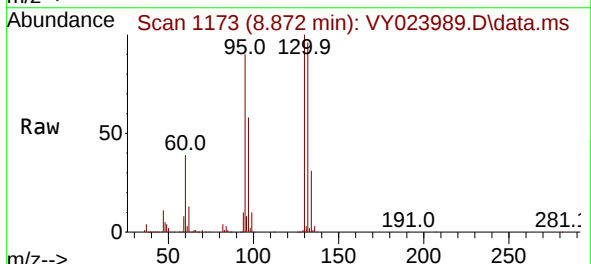
Tgt Ion: 43 Resp: 496674
Ion Ratio Lower Upper
43 100
61 32.3 26.6 39.8
87 16.1 13.1 19.7

Manual Integrations
APPROVED

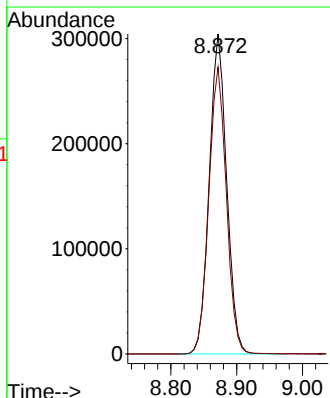
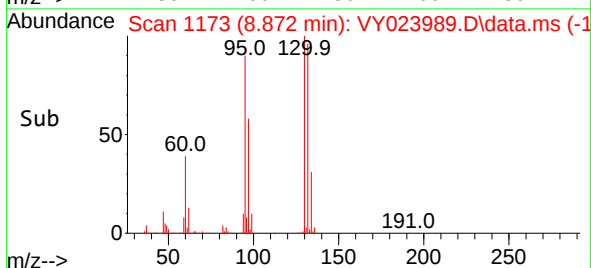
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

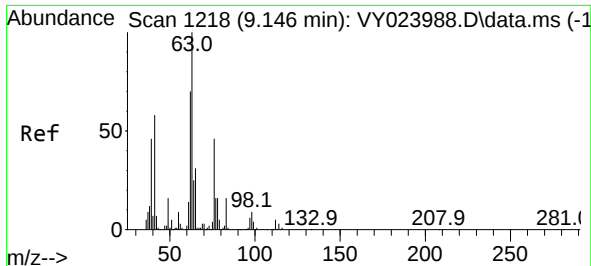


#44
Trichloroethene
Concen: 112.075 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



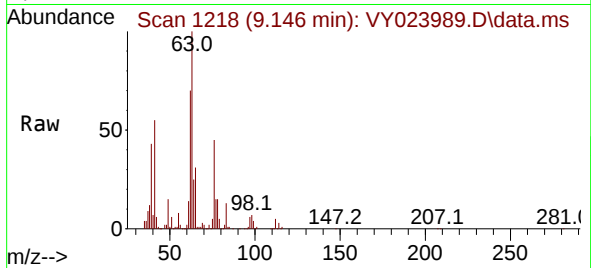
Tgt Ion:130 Resp: 561777
Ion Ratio Lower Upper
130 100
95 89.7 0.0 180.2





#45
1,2-Dichloropropane
Concen: 113.231 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

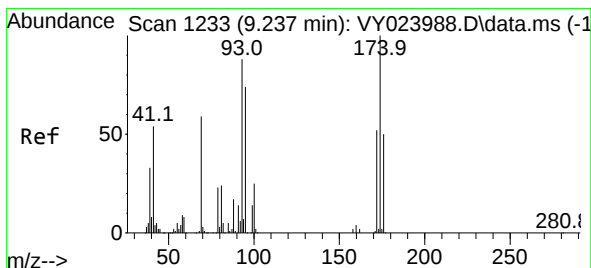
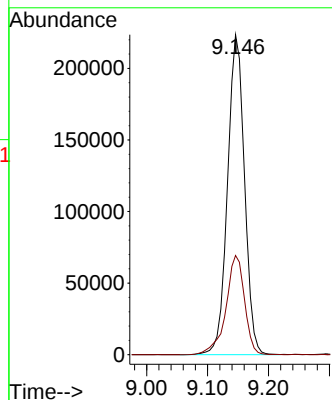
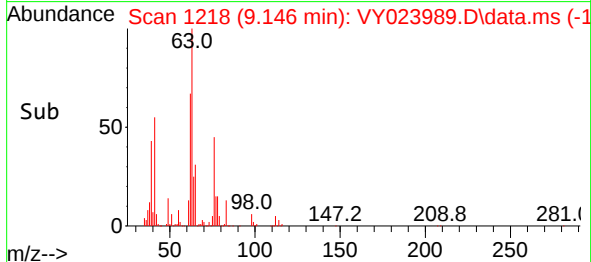
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



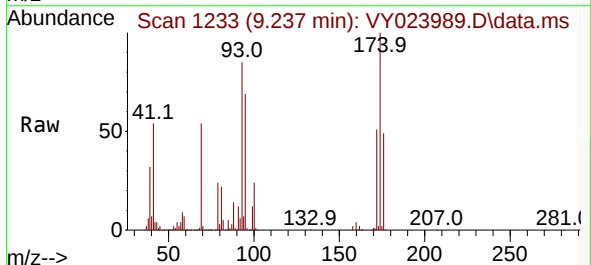
Tgt Ion: 63 Resp: 432494
Ion Ratio Lower Upper
63 100
65 31.0 25.0 37.6

Manual Integrations
APPROVED

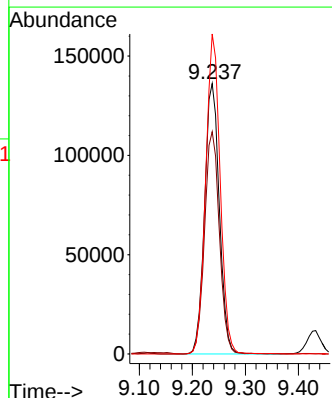
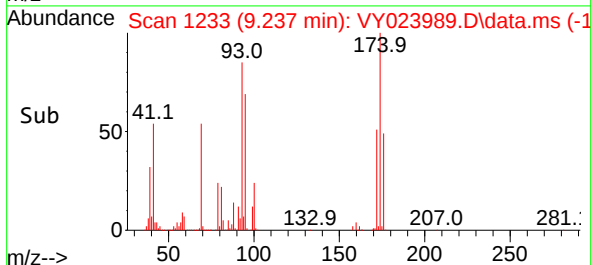
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

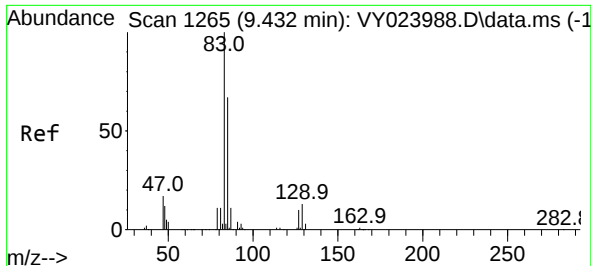


#46
Dibromomethane
Concen: 114.547 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



Tgt Ion: 93 Resp: 262366
Ion Ratio Lower Upper
93 100
95 82.7 67.4 101.2
174 116.4 94.6 141.8





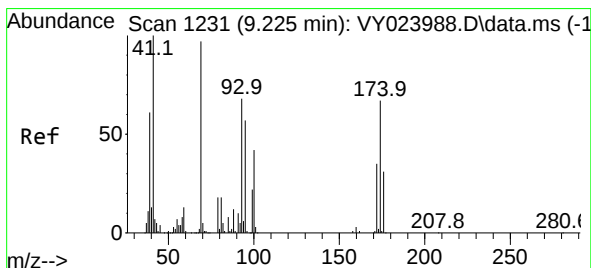
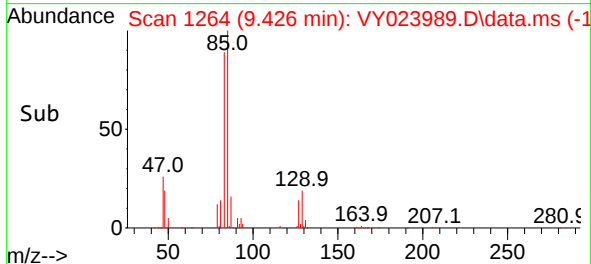
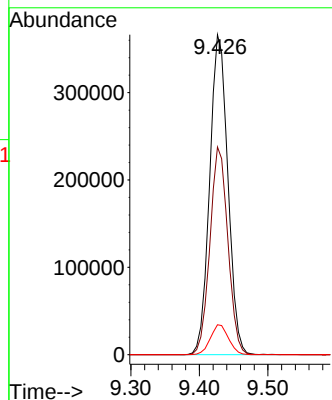
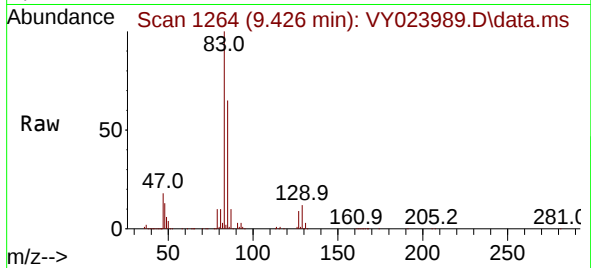
#47
Bromodichloromethane
Concen: 113.792 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 676225
Ion Ratio Lower Upper
83 100
85 64.9 53.5 80.3
127 9.3 7.8 11.6

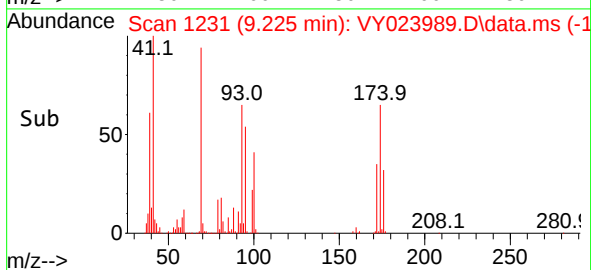
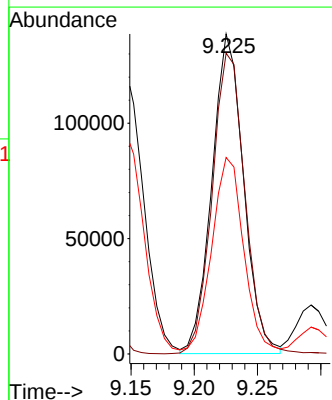
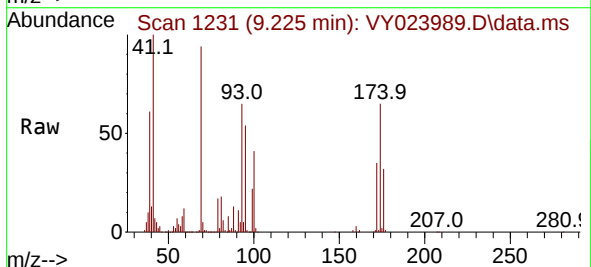
Manual Integrations
APPROVED

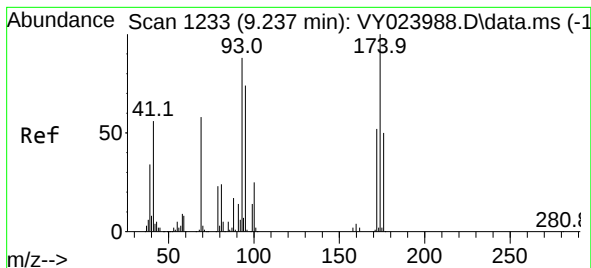
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#48
Methyl methacrylate
Concen: 122.022 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

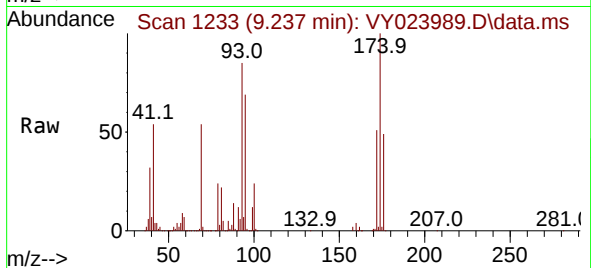
Tgt Ion: 41 Resp: 241591
Ion Ratio Lower Upper
41 100
69 97.2 78.2 117.4
39 59.8 47.2 70.8





#49
1,4-Dioxane
Concen: 2313.854 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

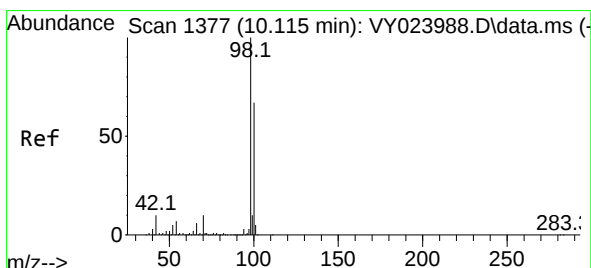
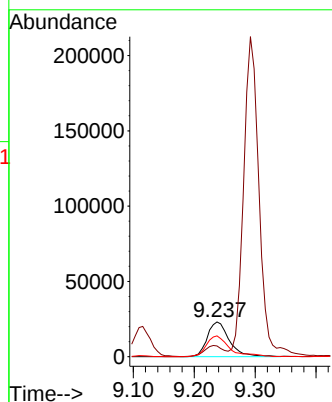
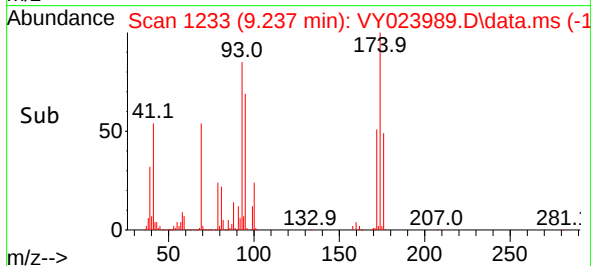
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



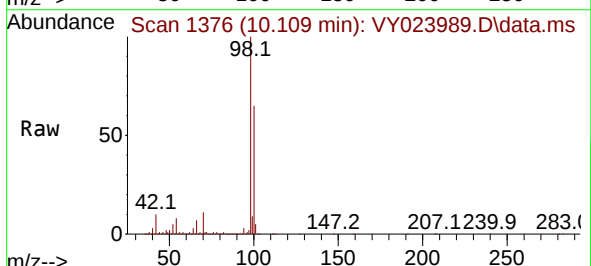
Tgt Ion: 88 Resp: 57729
Ion Ratio Lower Upper
88 100
43 27.4 21.0 31.4
58 63.3 48.9 73.3

Manual Integrations
APPROVED

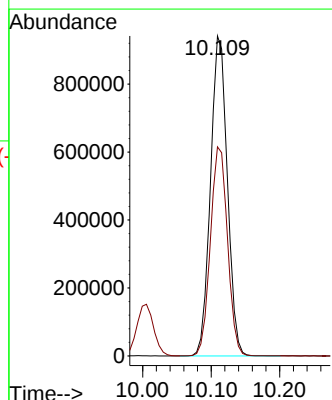
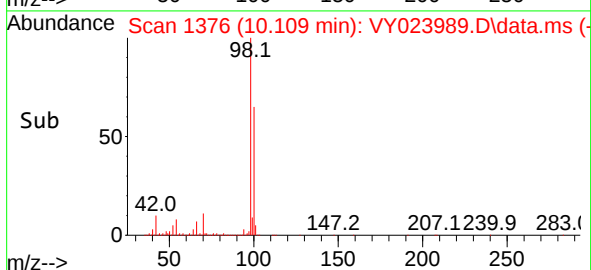
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

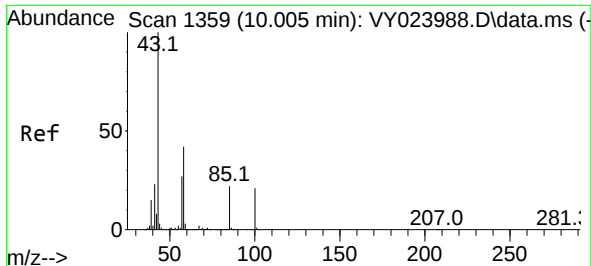


#50
Toluene-d8
Concen: 109.965 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



Tgt Ion: 98 Resp: 1605979
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





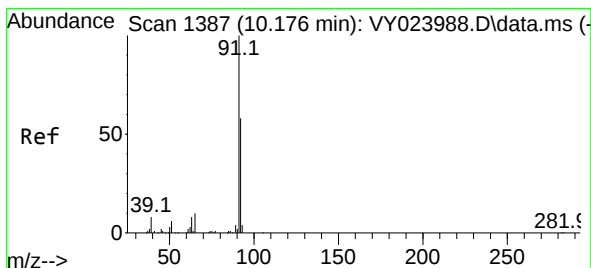
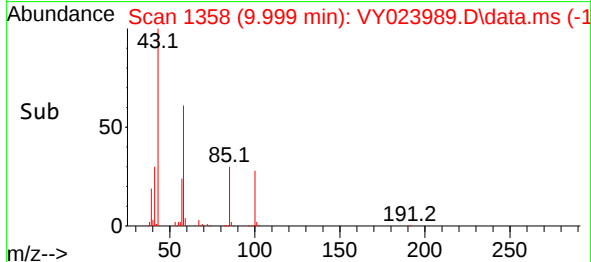
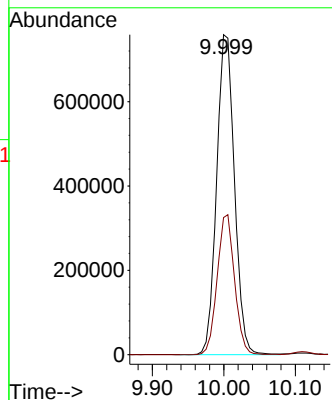
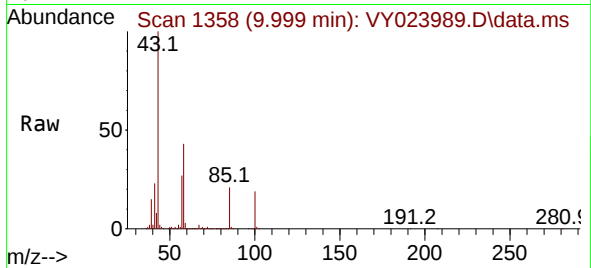
#51
4-Methyl-2-Pentanone
Concen: 617.308 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 131261
Ion Ratio Lower Upper
43 100
58 42.7 34.2 51.4

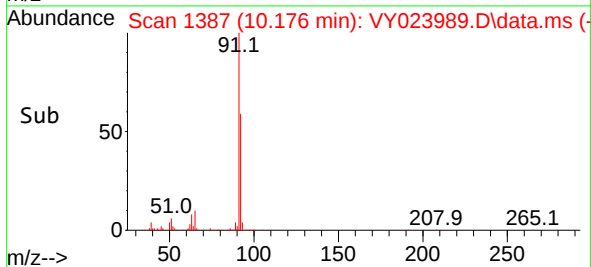
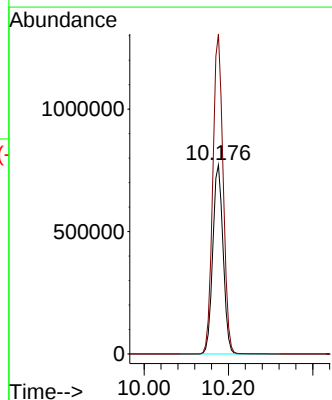
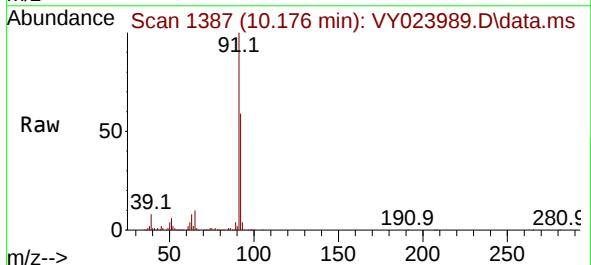
Manual Integrations
APPROVED

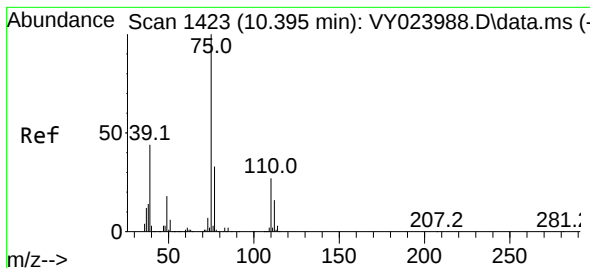
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#52
Toluene
Concen: 110.742 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

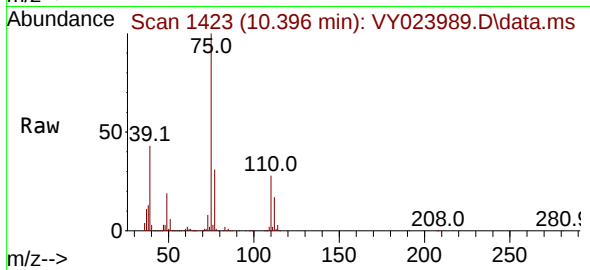
Tgt Ion: 92 Resp: 1311251
Ion Ratio Lower Upper
92 100
91 170.0 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 120.473 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

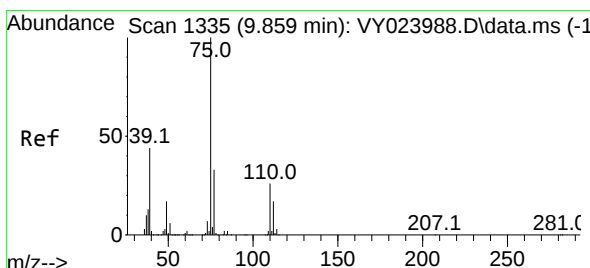
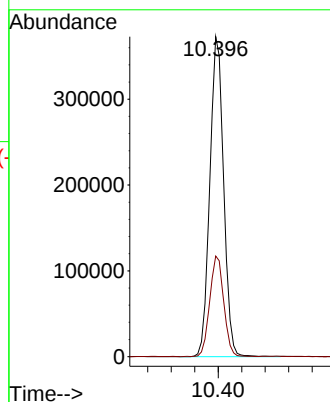
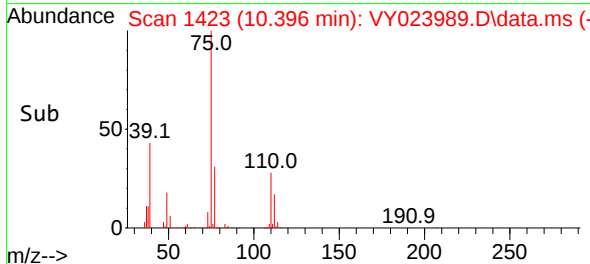
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 60849
Ion Ratio Lower Upper
75 100
77 31.5 26.5 39.7

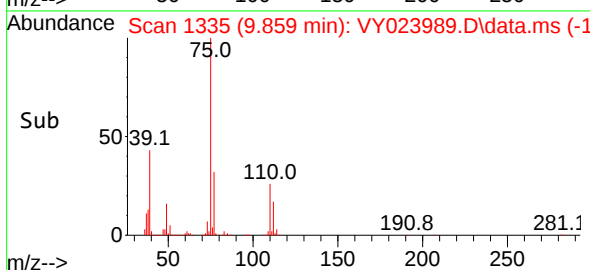
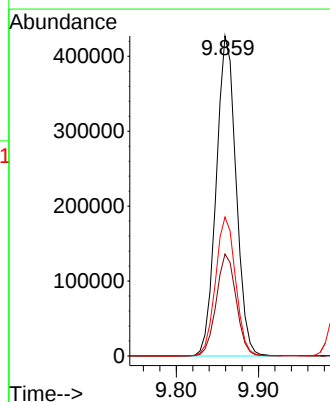
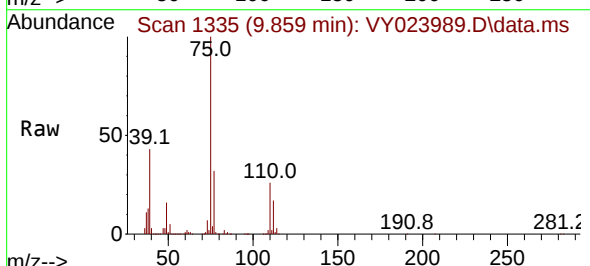
Manual Integrations
APPROVED

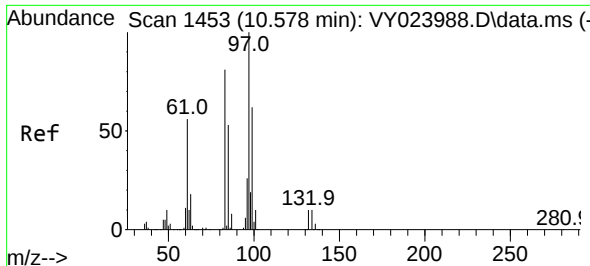
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#54
cis-1,3-Dichloropropene
Concen: 118.398 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

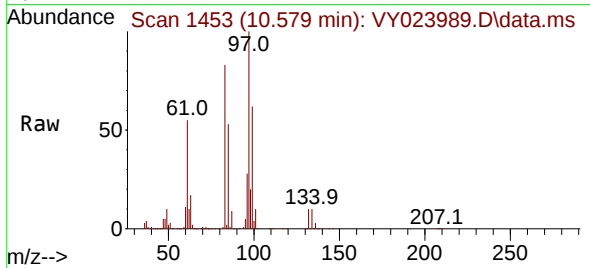
Tgt Ion: 75 Resp: 716450
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 43.4 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 112.282 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

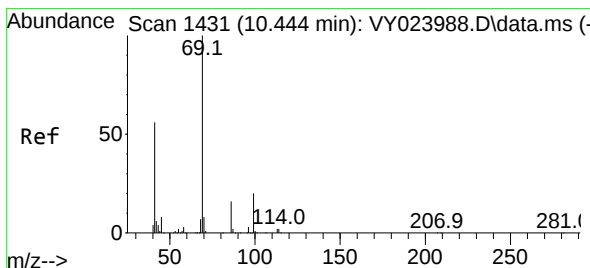
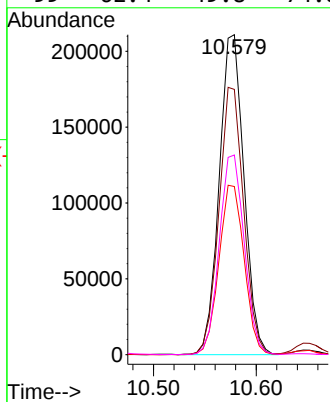
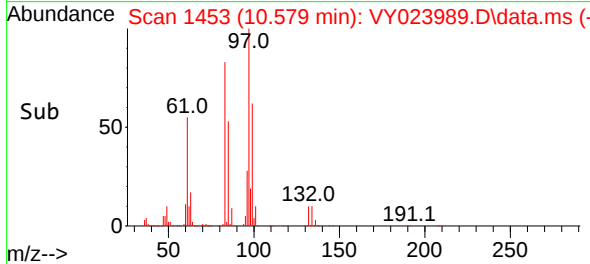


Tgt Ion: 97 Resp: 353240

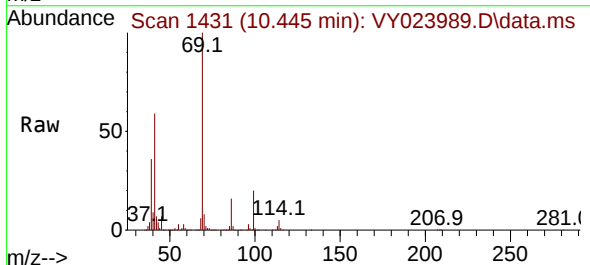
Ion	Ratio	Lower	Upper
97	100		
83	82.9	64.5	96.7
85	52.5	42.0	63.0
99	62.4	49.8	74.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

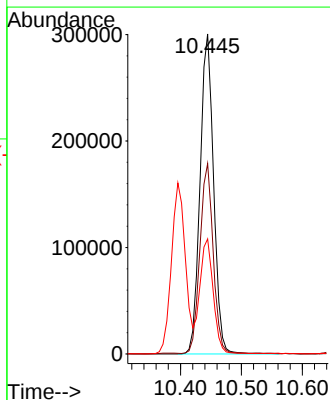
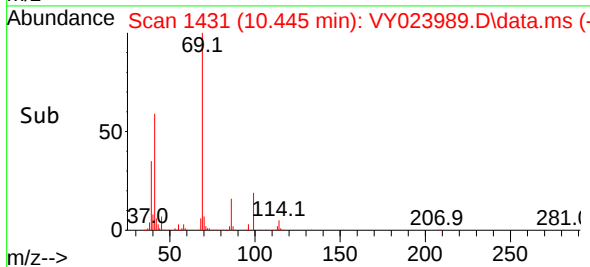


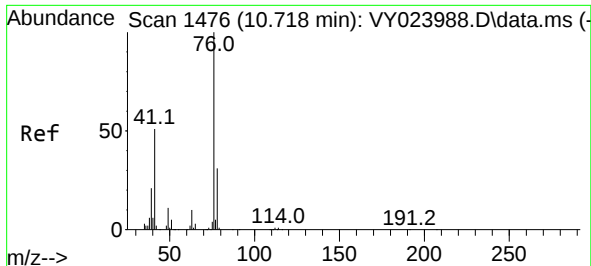
#56
Ethyl methacrylate
Concen: 106.931 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



Tgt Ion: 69 Resp: 464598

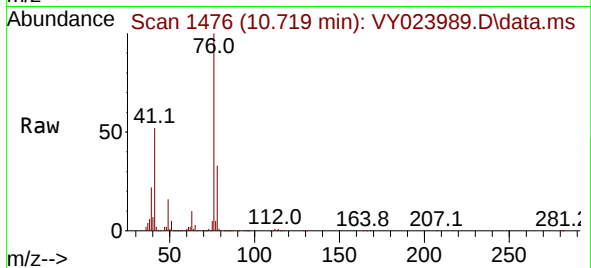
Ion	Ratio	Lower	Upper
69	100		
41	58.2	46.2	69.4
39	35.5	28.1	42.1





#57
1,3-Dichloropropane
Concen: 114.002 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

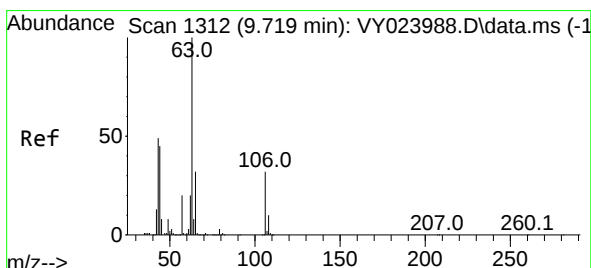
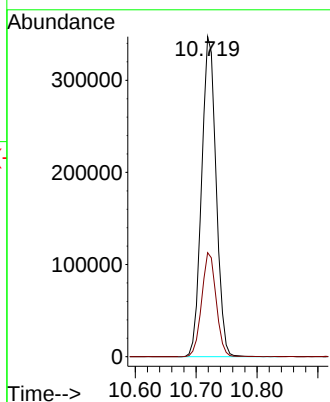
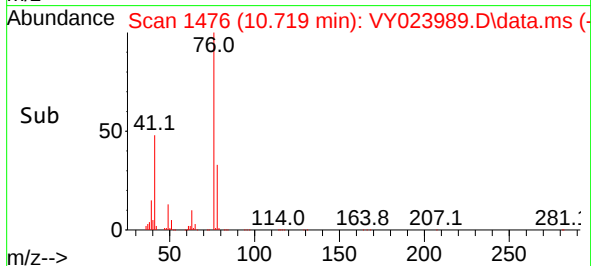
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 575014
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

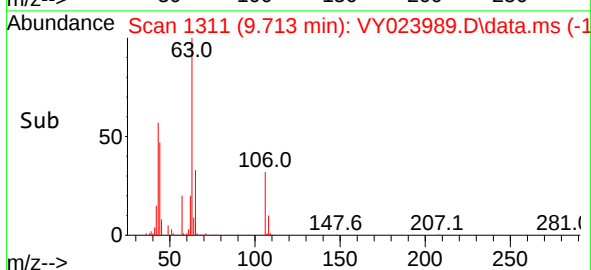
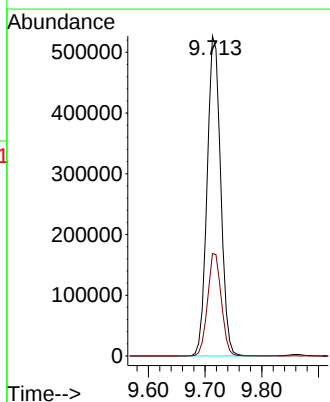
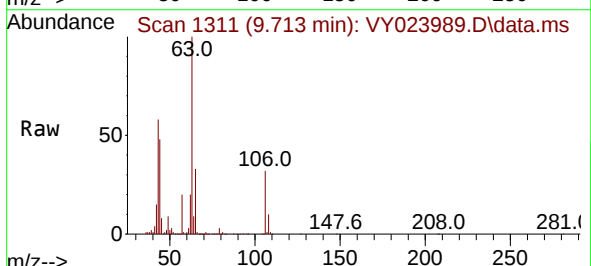
Manual Integrations
APPROVED

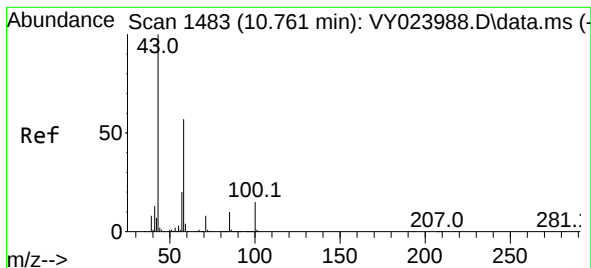
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 515.858 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

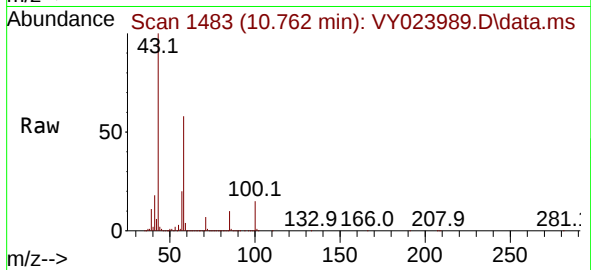
Tgt Ion: 63 Resp: 872464
Ion Ratio Lower Upper
63 100
106 32.5 25.8 38.8





#59
2-Hexanone
Concen: 595.198 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

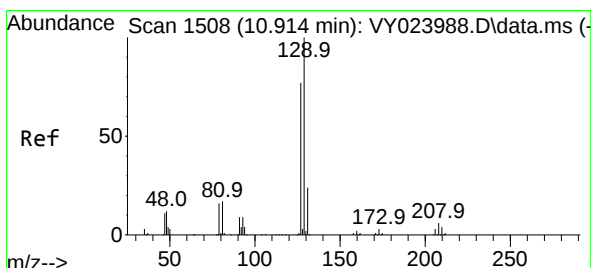
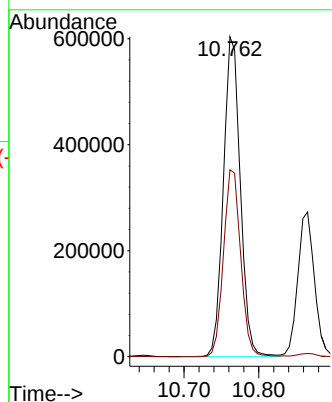
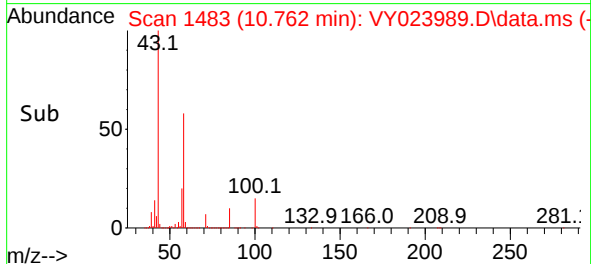
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 951098
Ion Ratio Lower Upper
43 100
58 59.4 29.6 88.9

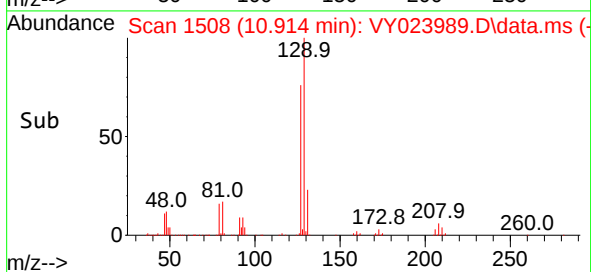
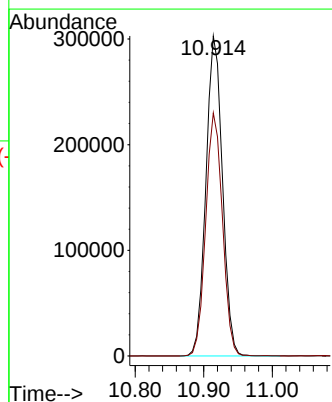
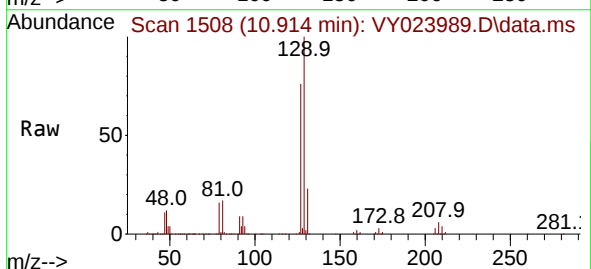
Manual Integrations
APPROVED

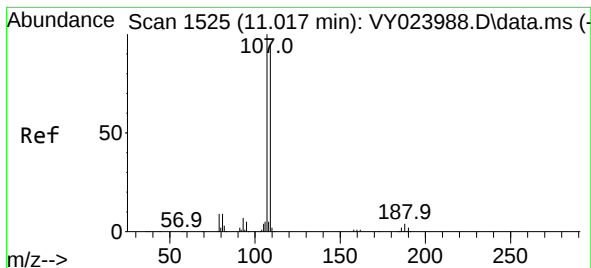
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#60
Dibromochloromethane
Concen: 114.948 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion:129 Resp: 508565
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





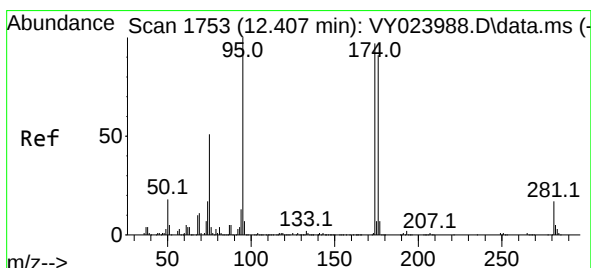
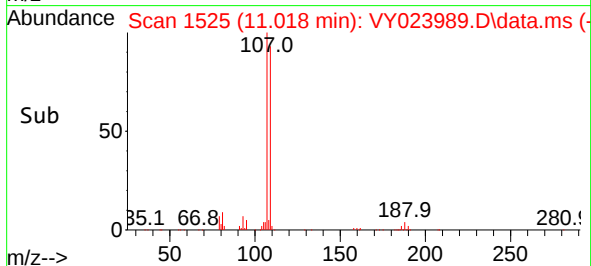
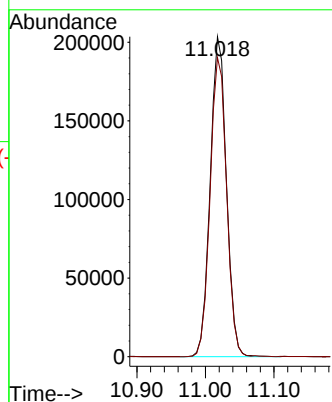
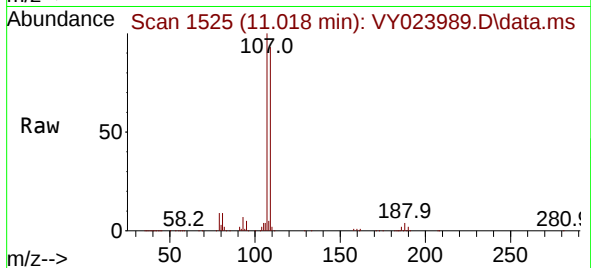
#61
1,2-Dibromoethane
Concen: 114.932 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 33479
Ion Ratio Lower Upper
107 100
109 95.1 76.2 114.2

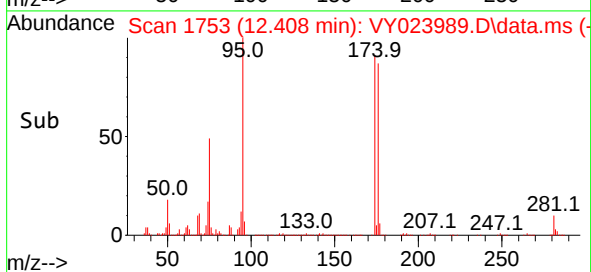
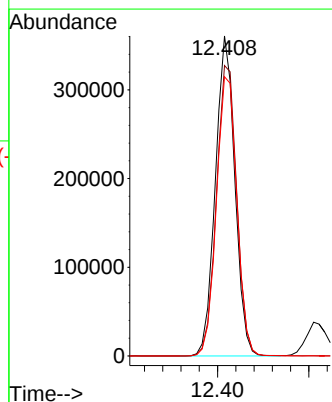
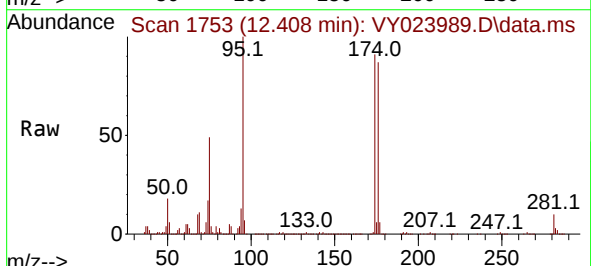
Manual Integrations
APPROVED

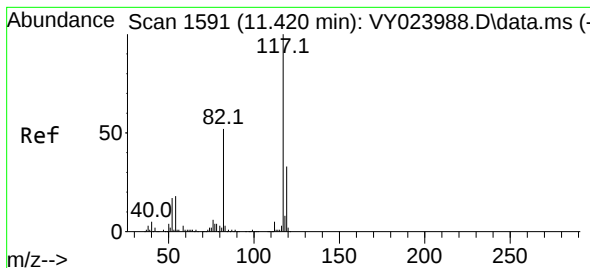
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#62
4-Bromofluorobenzene
Concen: 111.563 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

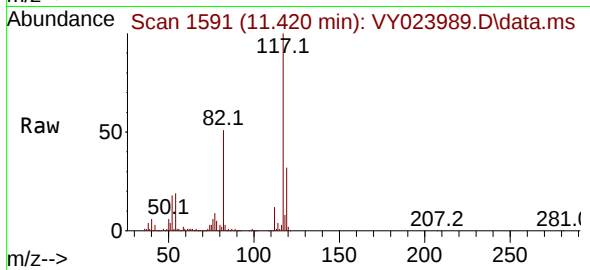
Tgt Ion: 95 Resp: 534029
Ion Ratio Lower Upper
95 100
174 94.8 0.0 196.6
176 91.6 0.0 189.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

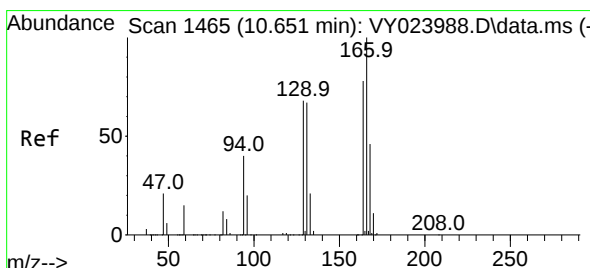
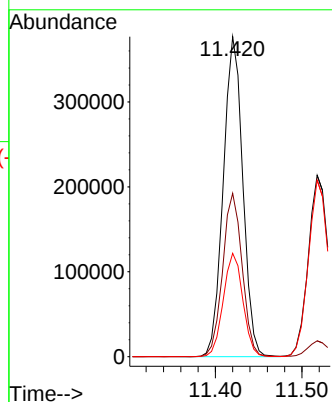
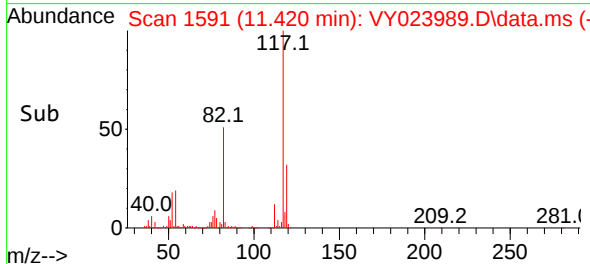
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 59001
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 32.3 26.2 39.2

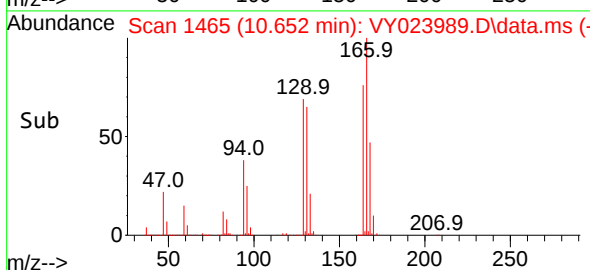
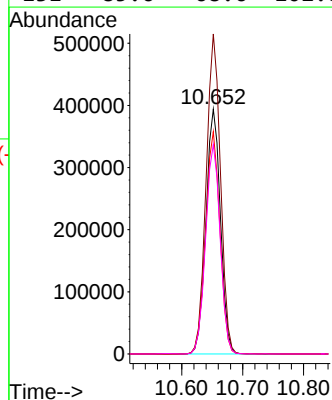
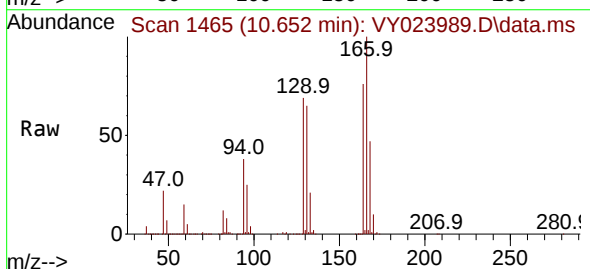
Manual Integrations
APPROVED

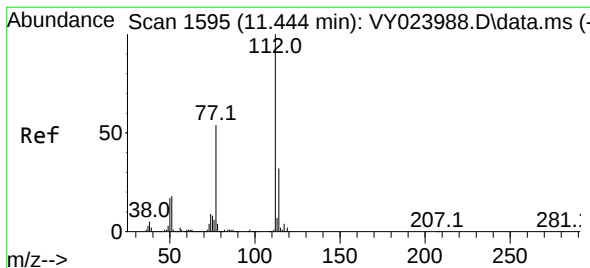
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#64
Tetrachloroethene
Concen: 107.821 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

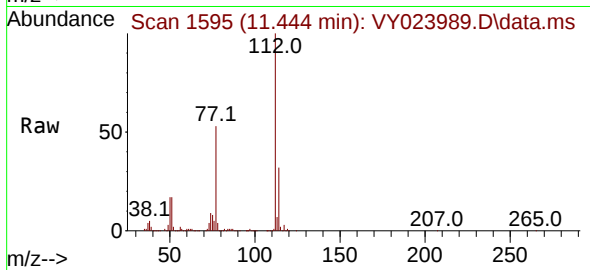
Tgt Ion:164 Resp: 652710
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 90.8 69.8 104.8
131 85.6 68.6 102.8





#65
Chlorobenzene
Concen: 111.512 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

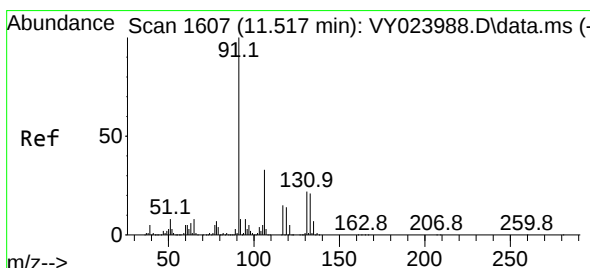
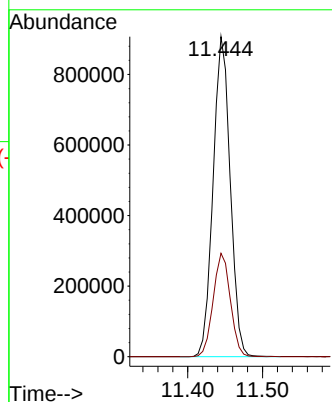
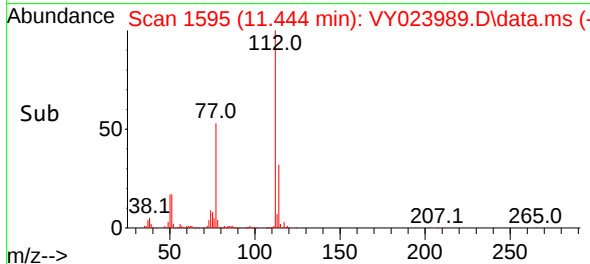
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



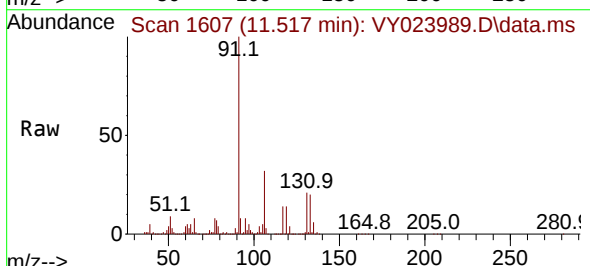
Tgt Ion:112 Resp: 144791
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
APPROVED

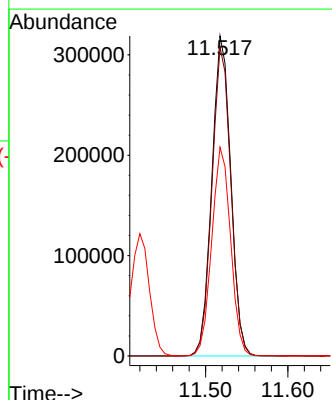
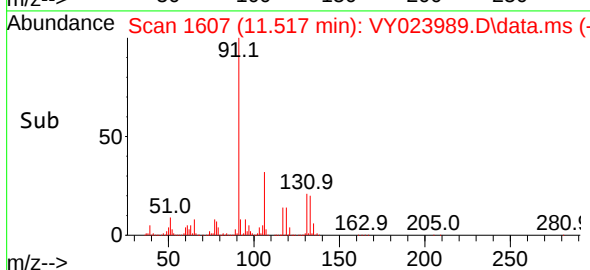
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

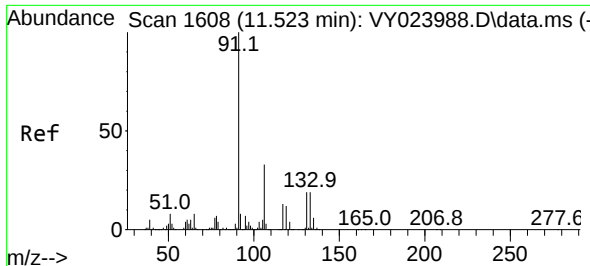


#66
1,1,1,2-Tetrachloroethane
Concen: 111.489 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



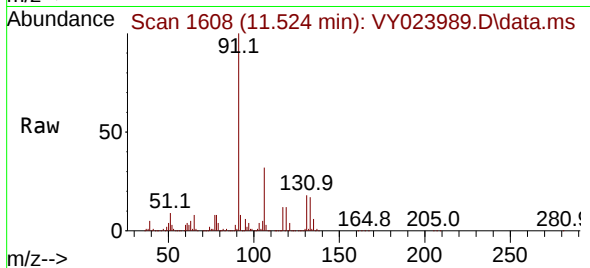
Tgt Ion:131 Resp: 510921
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 64.9 32.4 97.2





#67
Ethyl Benzene
Concen: 117.640 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

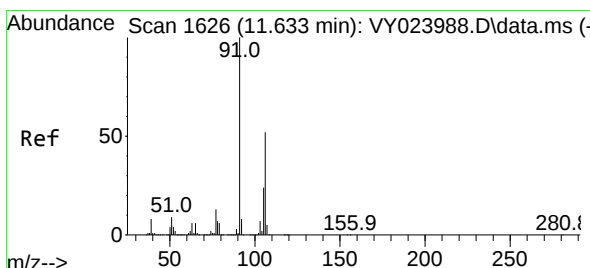
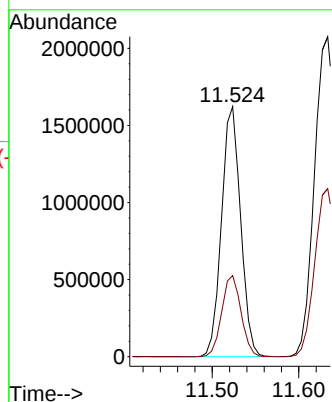
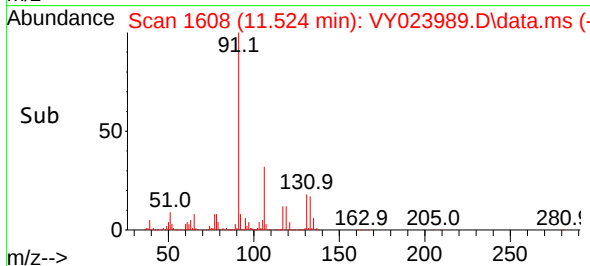
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



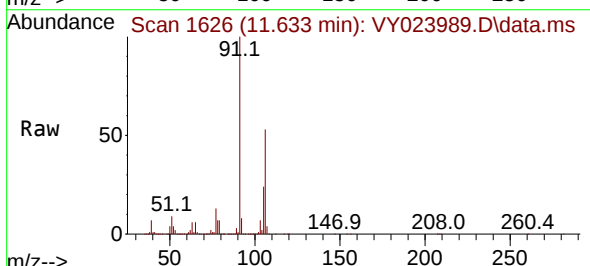
Tgt Ion: 91 Resp: 2484959
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2

Manual Integrations
APPROVED

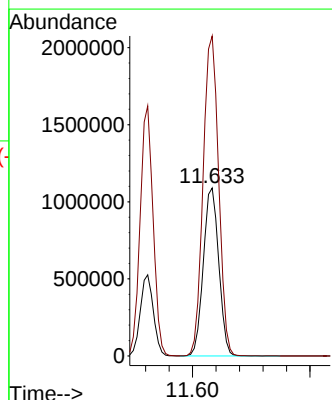
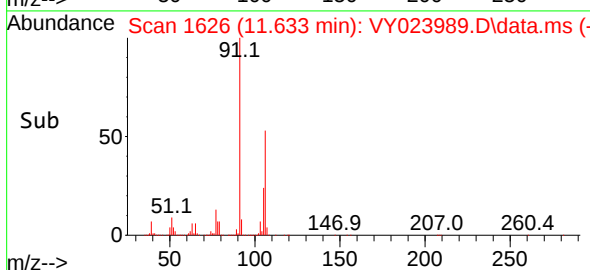
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

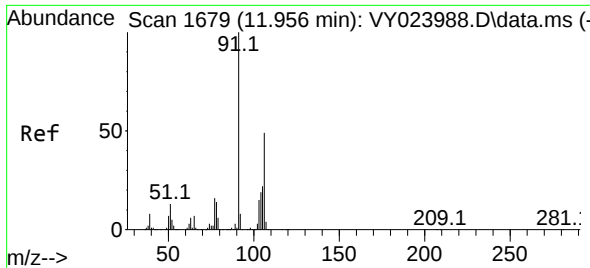


#68
m/p-Xylenes
Concen: 234.030 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



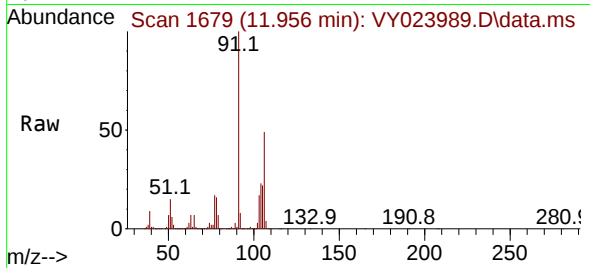
Tgt Ion:106 Resp: 1985556
Ion Ratio Lower Upper
106 100
91 191.8 153.8 230.6





#69
o-Xylene
Concen: 118.123 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

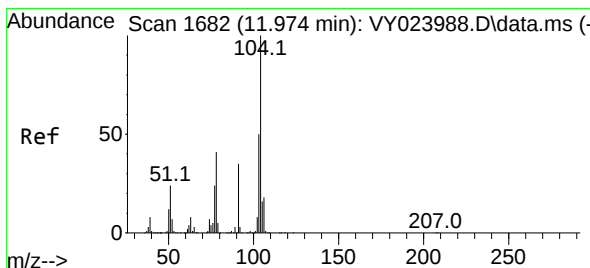
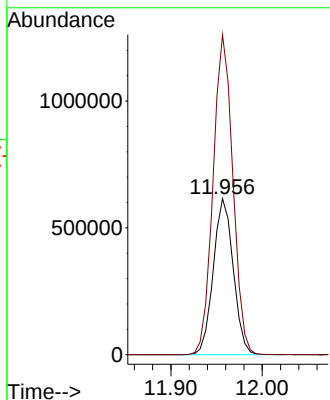
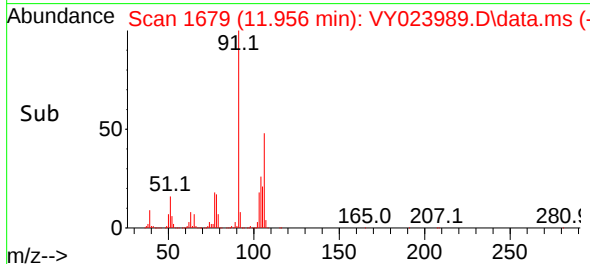
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



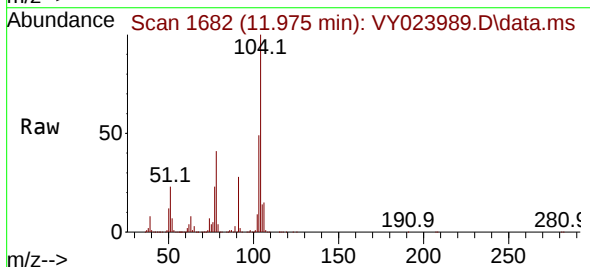
Tgt Ion:106 Resp: 932158
Ion Ratio Lower Upper
106 100
91 203.4 101.4 304.3

Manual Integrations
APPROVED

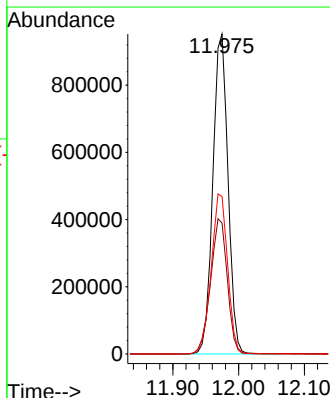
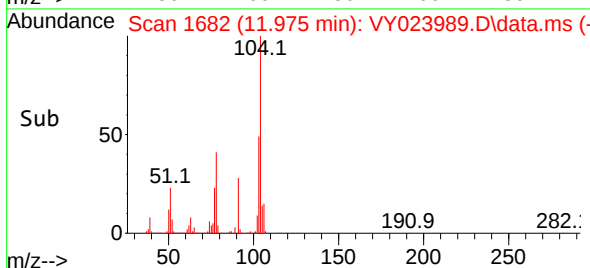
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

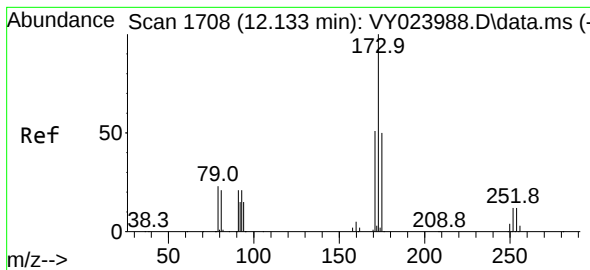


#70
Styrene
Concen: 120.448 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



Tgt Ion:104 Resp: 1525616
Ion Ratio Lower Upper
104 100
78 46.6 37.2 55.8
103 54.3 43.7 65.5





#71

Bromoform

Concen: 113.726 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 310928

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.7

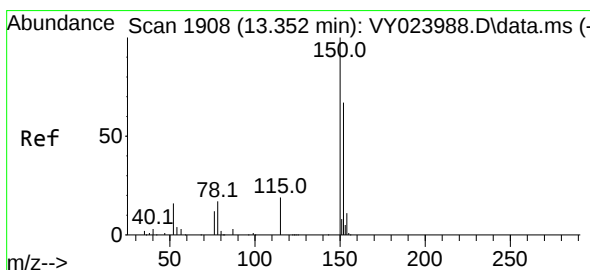
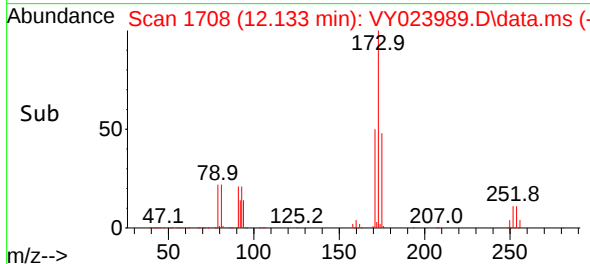
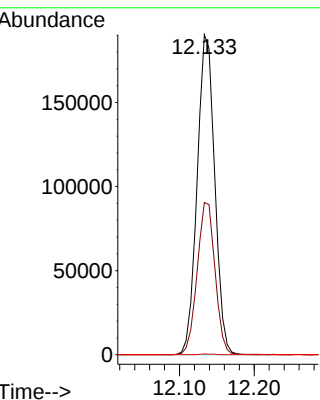
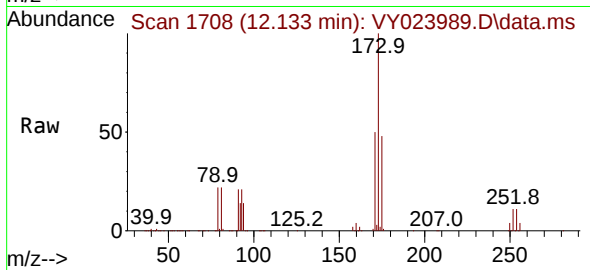
254 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025

Supervised By :Mahesh Dadoda 12/18/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

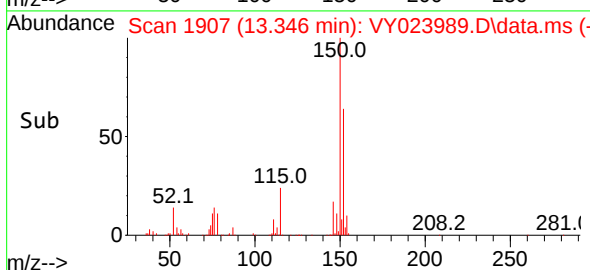
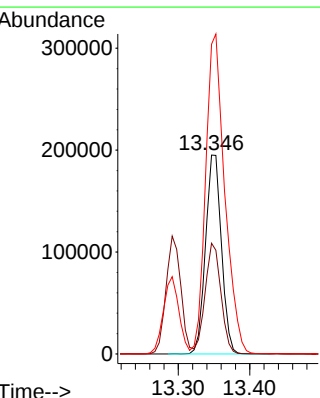
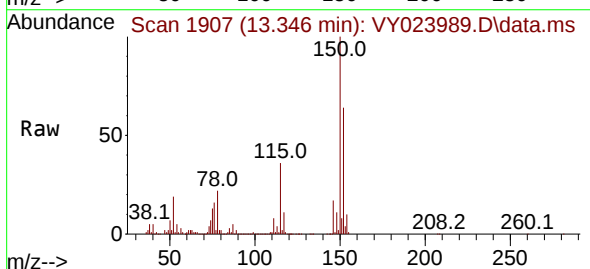
Tgt Ion:152 Resp: 301822

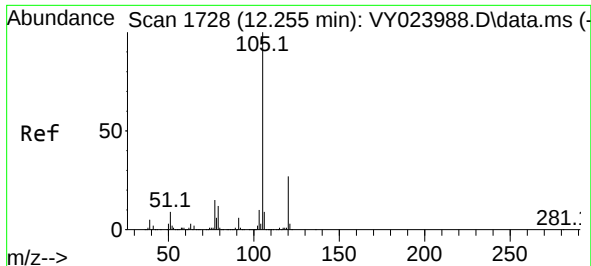
Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.5

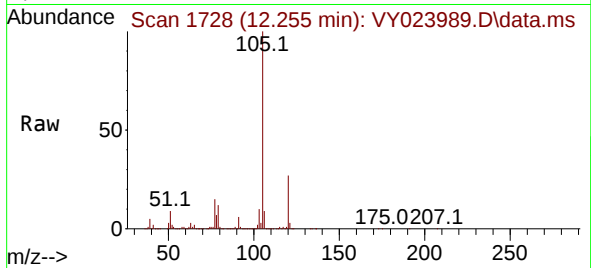
150 193.1 0.0 349.6





#73
Isopropylbenzene
Concen: 118.029 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

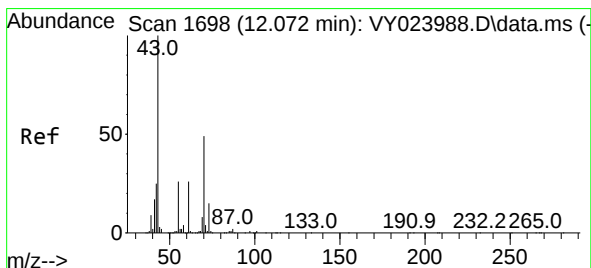
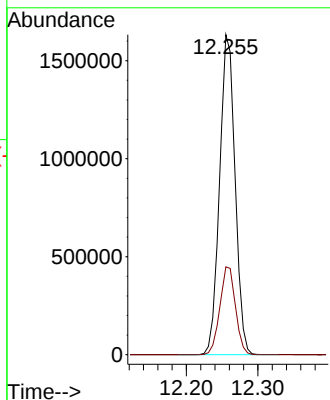
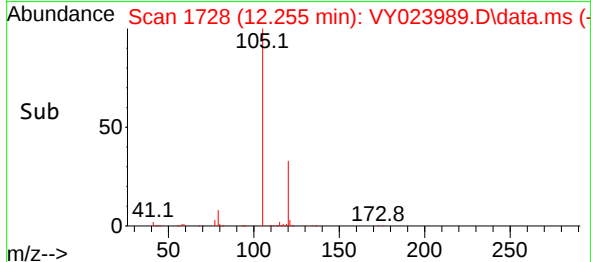
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:105 Resp: 245384
Ion Ratio Lower Upper
105 100
120 27.6 13.8 41.4

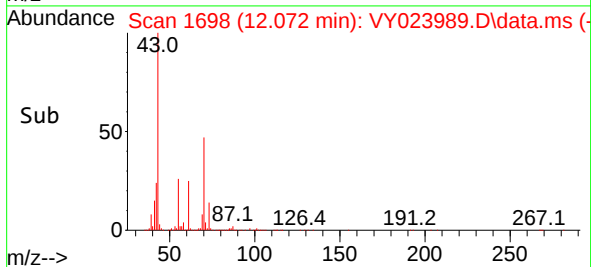
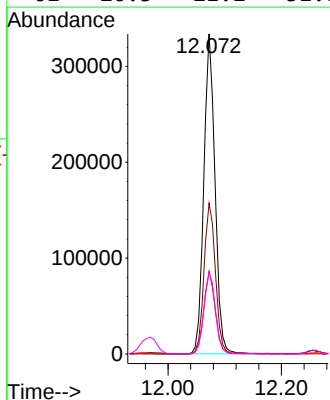
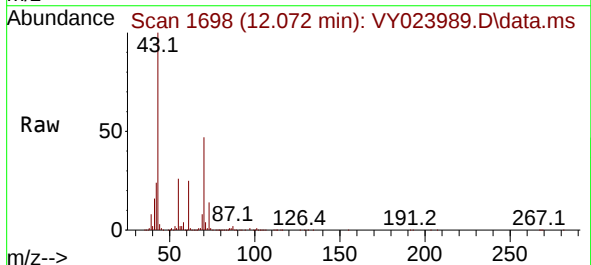
Manual Integrations
APPROVED

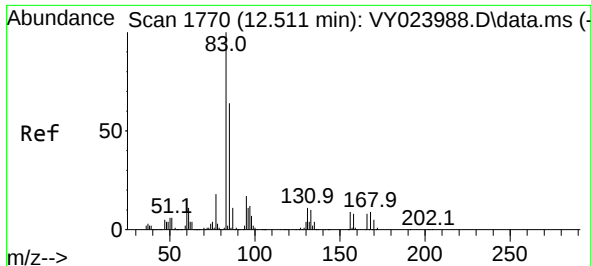
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#74
N-ethyl acetate
Concen: 110.544 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

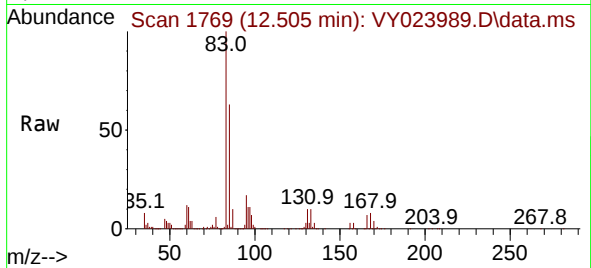
Tgt Ion: 43 Resp: 456785
Ion Ratio Lower Upper
43 100
70 48.4 39.3 58.9
55 26.4 22.5 33.7
61 26.3 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 115.480 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

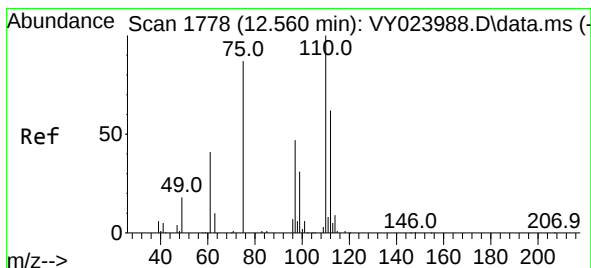
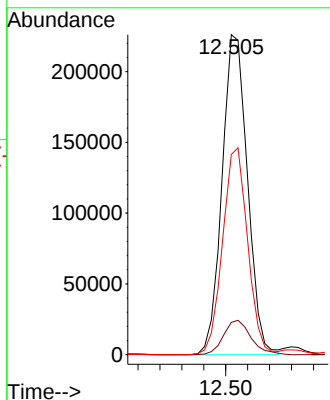
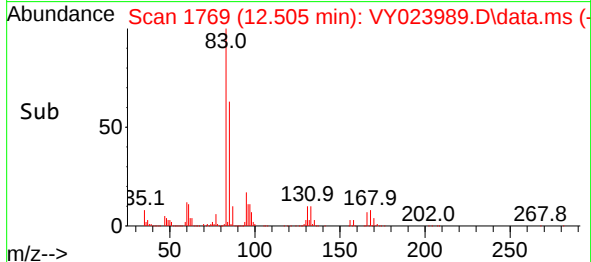
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 363749
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.7
85 63.9 32.1 96.5

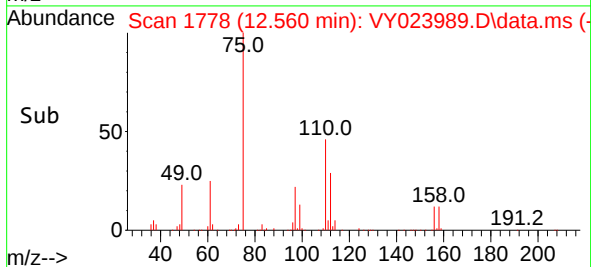
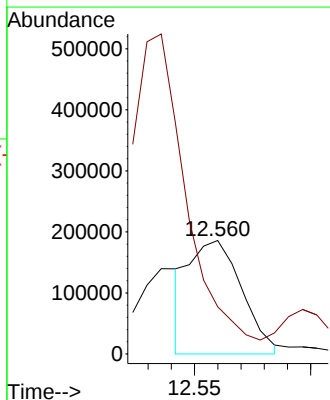
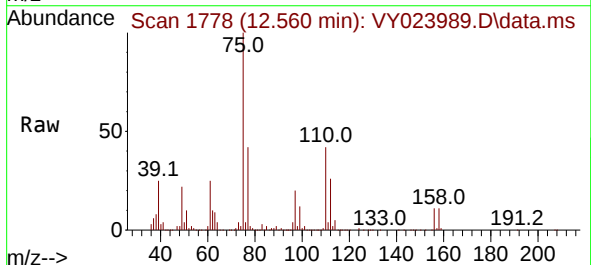
Manual Integrations
APPROVED

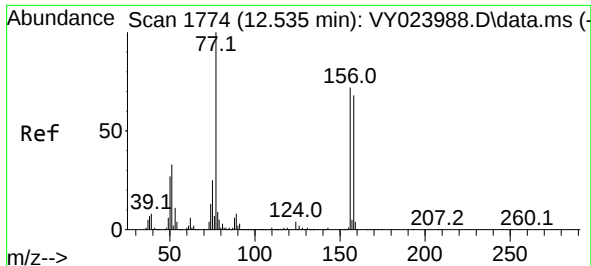
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#76
1,2,3-Trichloropropane
Concen: 109.342 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

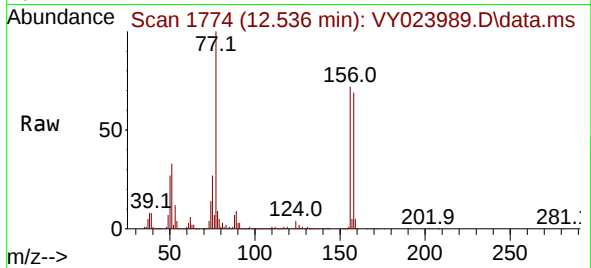
Tgt Ion: 75 Resp: 292196
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 112.946 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

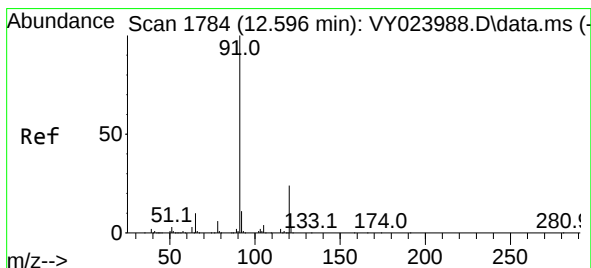
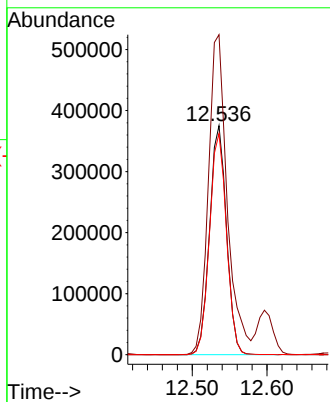
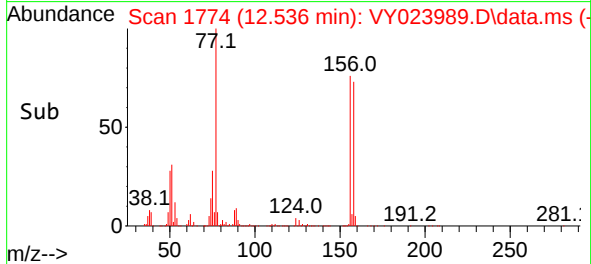
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



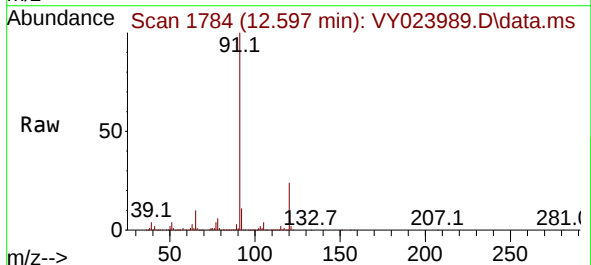
Tgt Ion:156 Resp: 590228
Ion Ratio Lower Upper
156 100
77 156.3 76.6 230.0
158 97.2 48.0 144.2

Manual Integrations
APPROVED

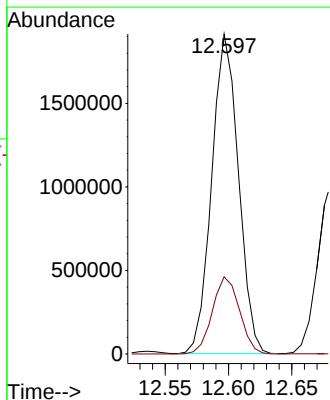
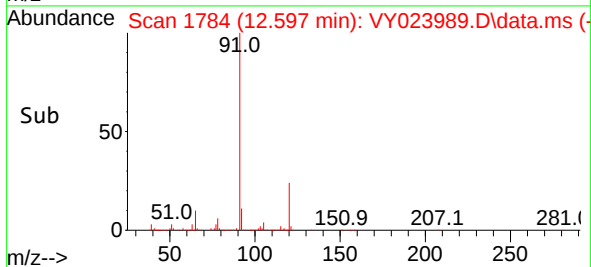
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

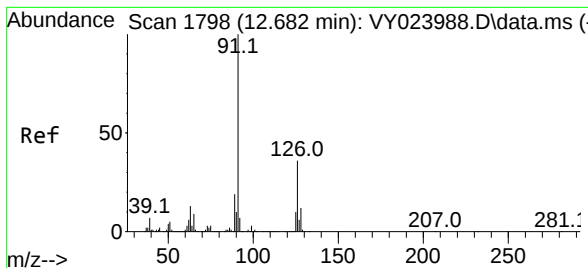


#78
n-propylbenzene
Concen: 118.014 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



Tgt Ion: 91 Resp: 2811922
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8





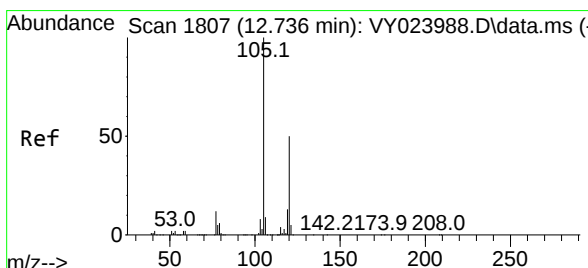
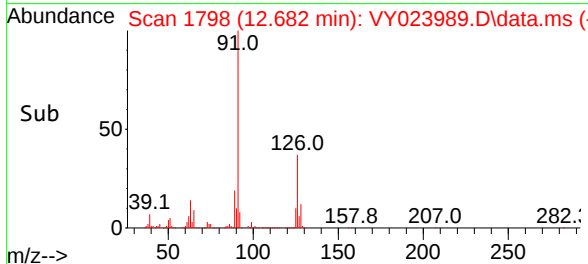
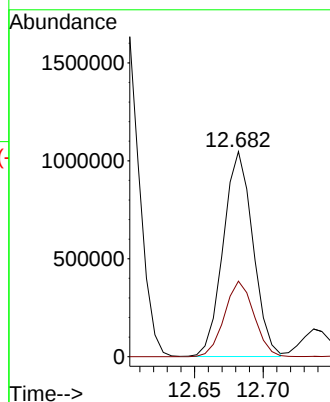
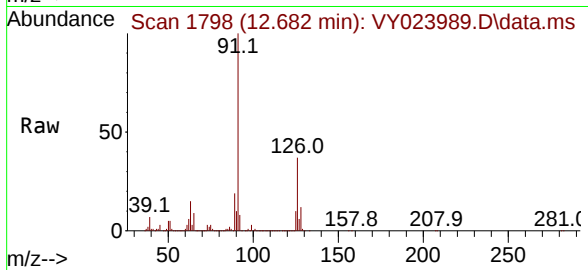
#79
2-Chlorotoluene
Concen: 115.849 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 1580174
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.2

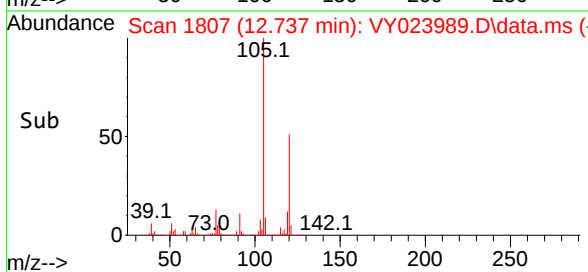
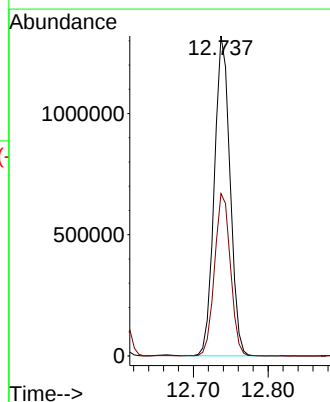
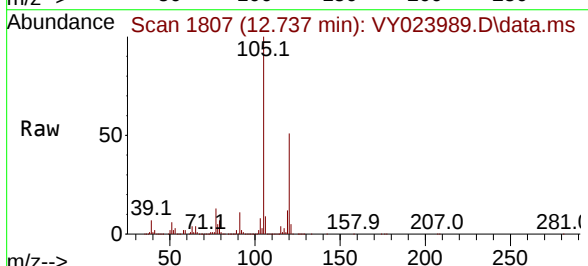
Manual Integrations
APPROVED

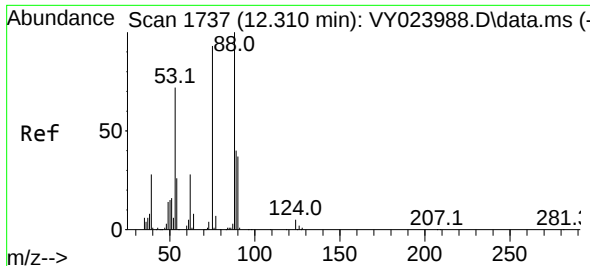
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 118.350 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

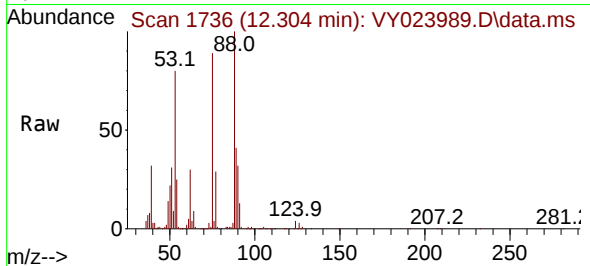
Tgt Ion:105 Resp: 1934727
Ion Ratio Lower Upper
105 100
120 51.1 25.6 76.6





#81
trans-1,4-Dichloro-2-butene
Concen: 119.213 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

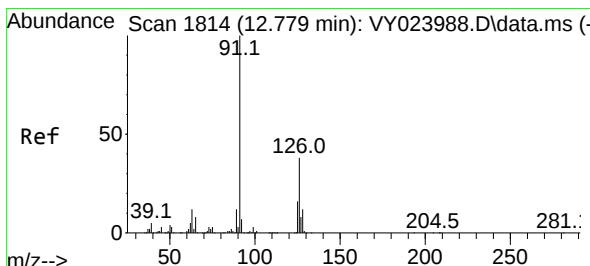
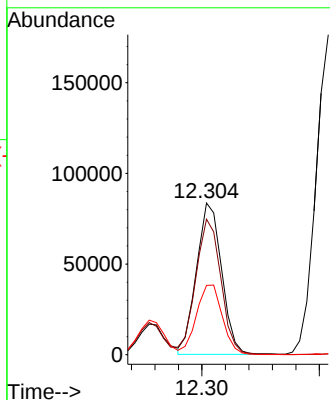
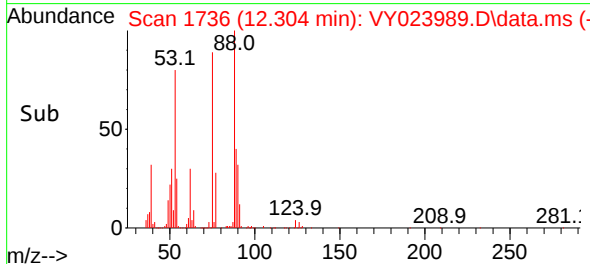
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 12448
Ion Ratio Lower Upper
75 100
53 89.3 69.9 104.9
89 47.7 38.6 57.8

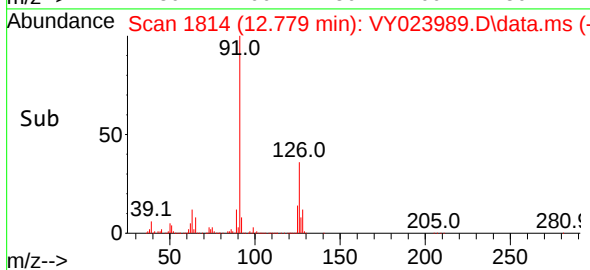
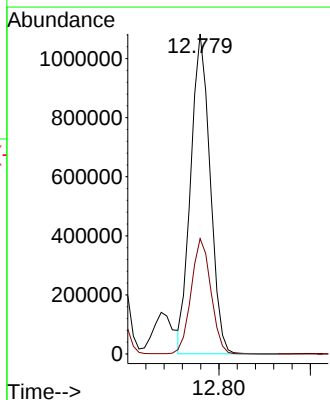
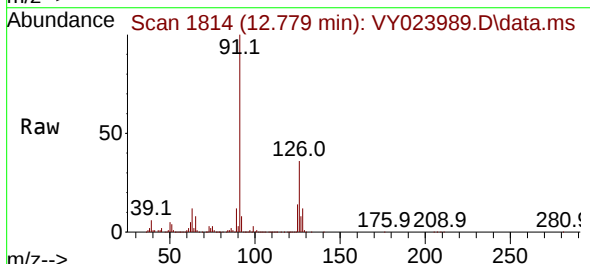
Manual Integrations
APPROVED

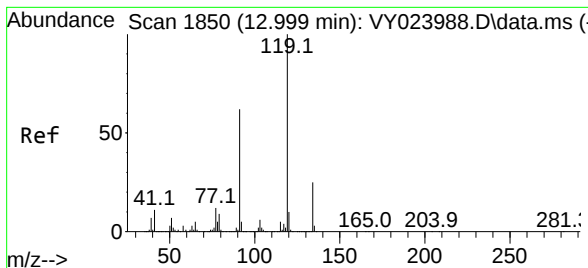
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#82
4-Chlorotoluene
Concen: 114.088 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

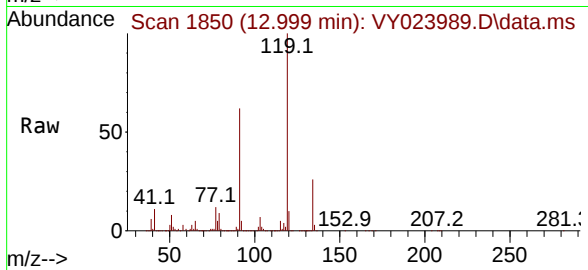
Tgt Ion: 91 Resp: 1597747
Ion Ratio Lower Upper
91 100
126 36.7 18.5 55.5





#83
tert-Butylbenzene
Concen: 117.427 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

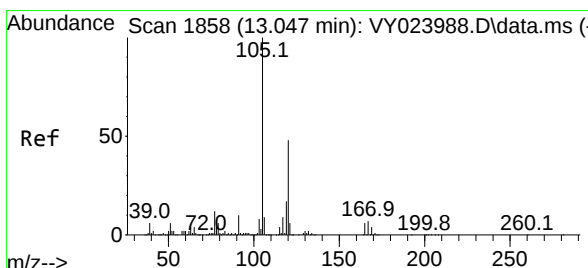
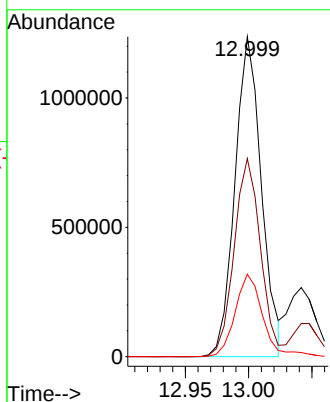
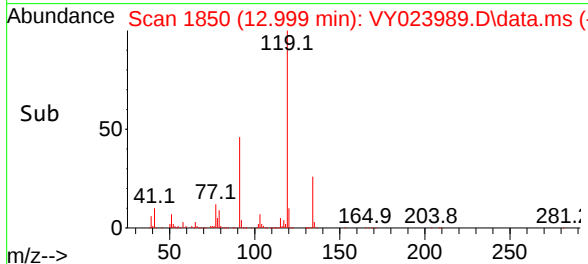
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



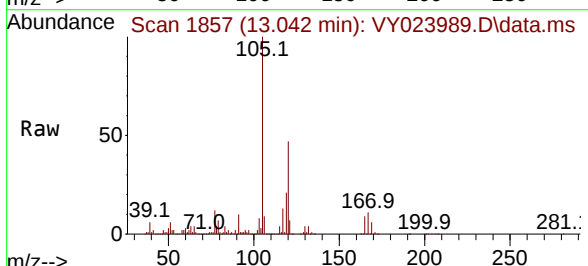
Tgt Ion:119 Resp: 180195
Ion Ratio Lower Upper
119 100
91 62.3 29.8 89.4
134 27.0 13.1 39.3

Manual Integrations
APPROVED

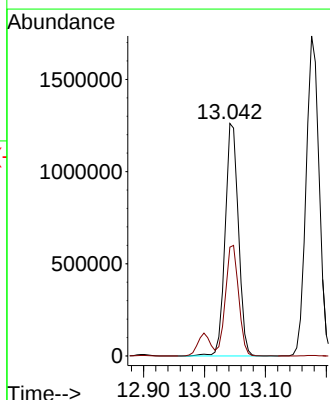
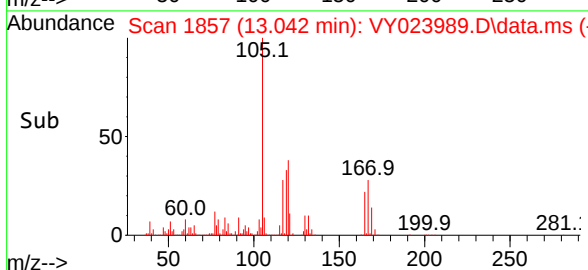
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

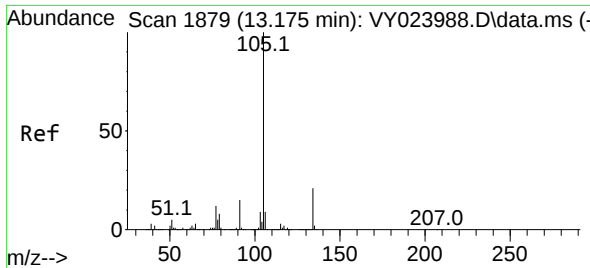


#84
1,2,4-Trimethylbenzene
Concen: 117.874 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



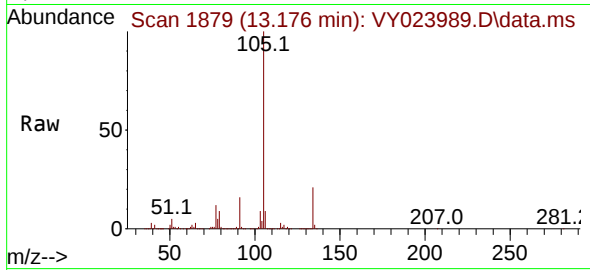
Tgt Ion:105 Resp: 1905197
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5





#85
 sec-Butylbenzene
 Concen: 115.959 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

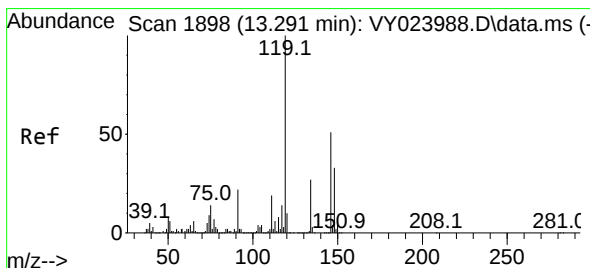
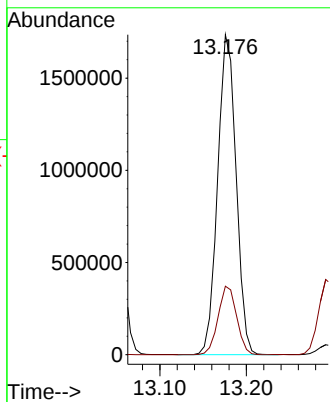
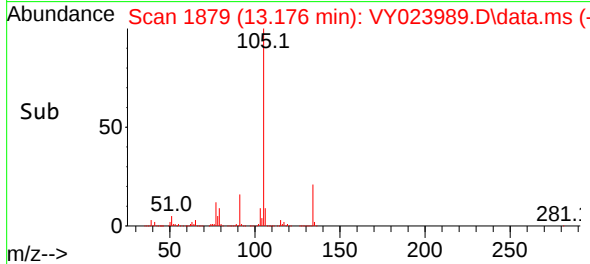
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



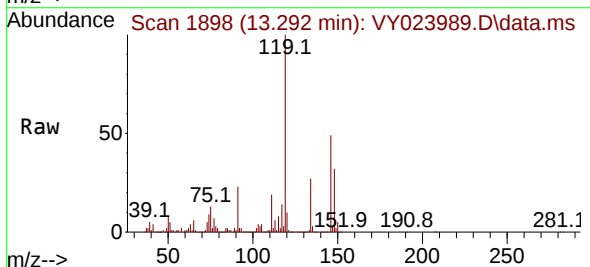
Tgt Ion:105 Resp: 2568608
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.6 31.8

Manual Integrations
 APPROVED

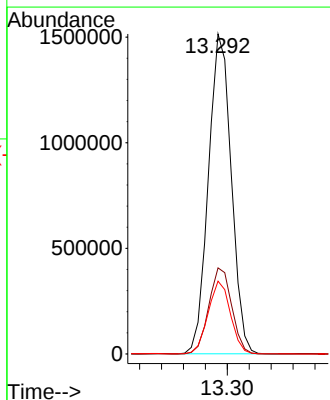
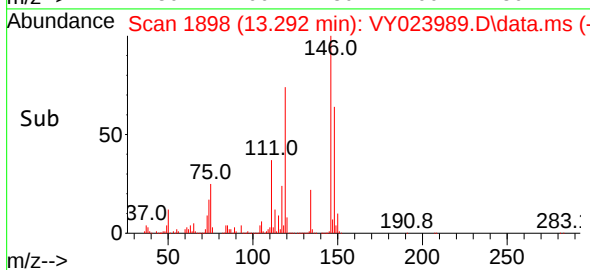
Reviewed By :Semsettin Yesilyurt 12/17/2025
 Supervised By :Mahesh Dadoda 12/18/2025

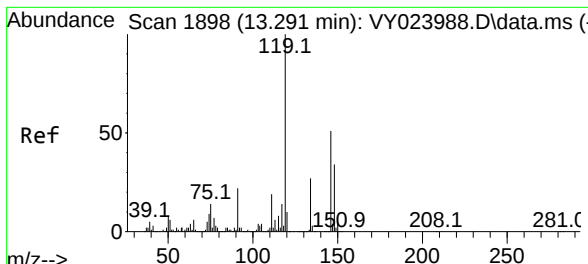


#86
 p-Isopropyltoluene
 Concen: 117.834 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51



Tgt Ion:119 Resp: 2192839
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.7 41.0
 91 22.2 10.9 32.9





#87
 1,3-Dichlorobenzene
 Concen: 111.533 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

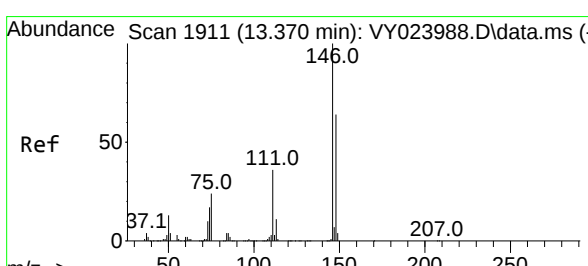
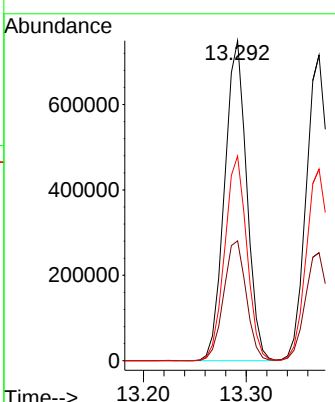
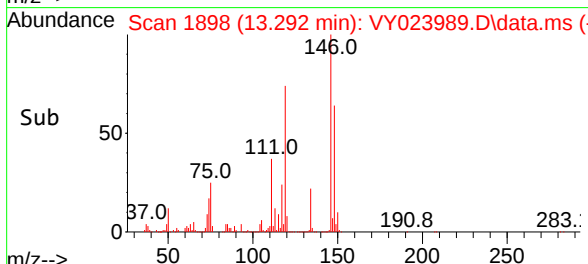
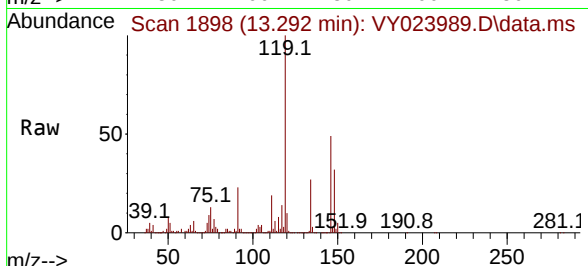
Instrument : MSVOA_Y
 ClientSampleId : VSTDIC100

Tgt Ion:146 Resp: 1121459

Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.7	56.1
148	64.1	31.9	95.9

Manual Integrations
 APPROVED

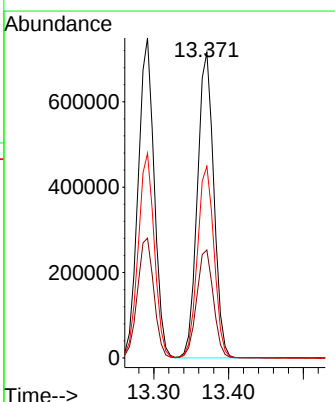
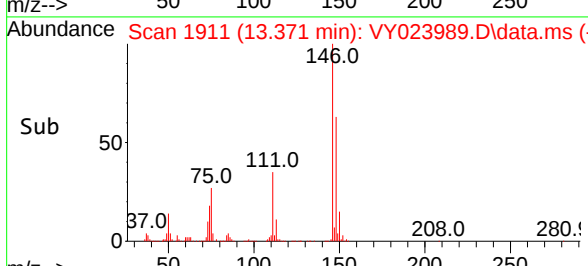
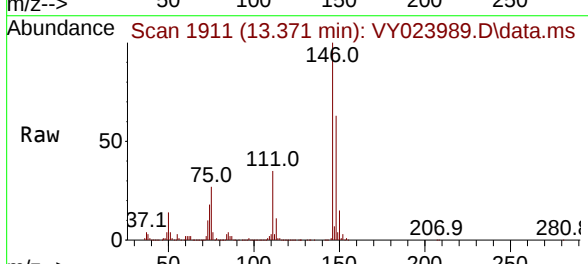
Reviewed By :Semsettin Yesilyurt 12/17/2025
 Supervised By :Mahesh Dadoda 12/18/2025

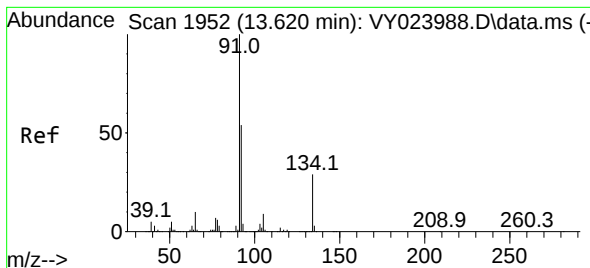


#88
 1,4-Dichlorobenzene
 Concen: 110.554 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY023989.D
 Acq: 16 Dec 2025 14:51

Tgt Ion:146 Resp: 1090961

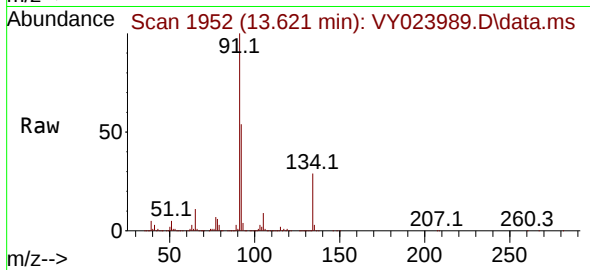
Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.8
148	63.6	31.9	95.5





#89
n-Butylbenzene
Concen: 118.414 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

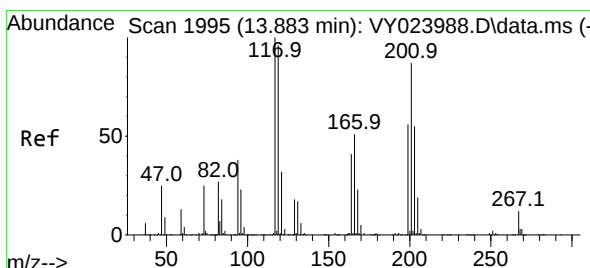
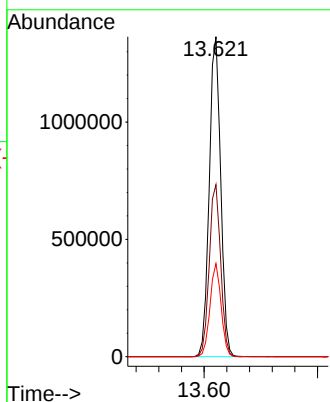
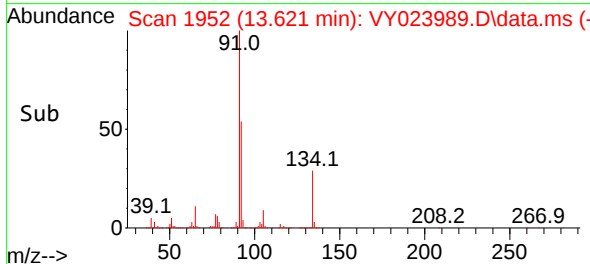
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



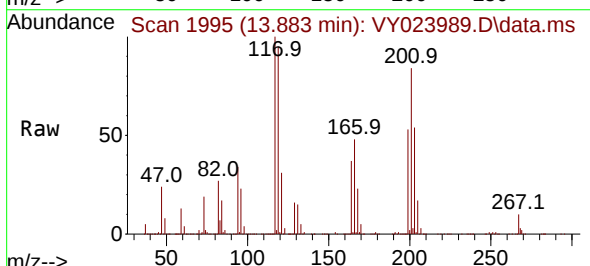
Tgt Ion: 91 Resp: 190376
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.1
134 28.2 14.2 42.6

Manual Integrations
APPROVED

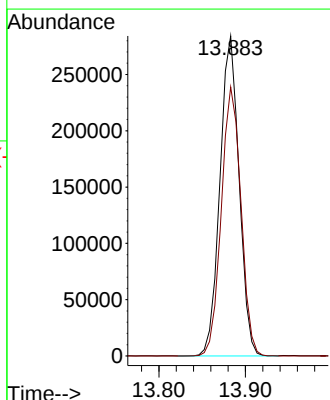
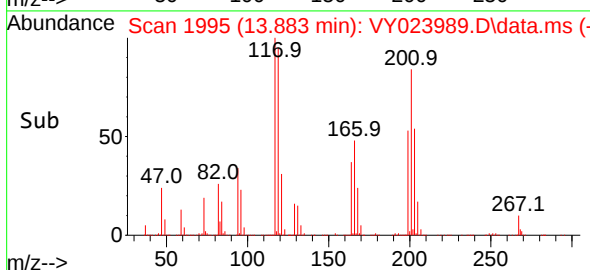
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025

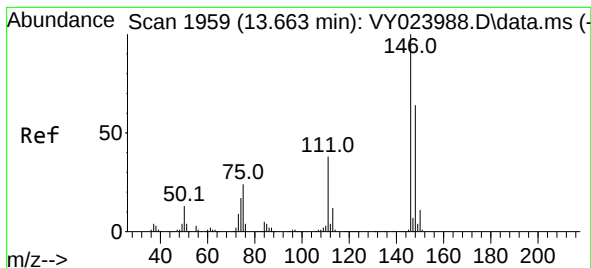


#90
Hexachloroethane
Concen: 112.271 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51



Tgt Ion:117 Resp: 436199
Ion Ratio Lower Upper
117 100
201 85.9 43.5 130.7





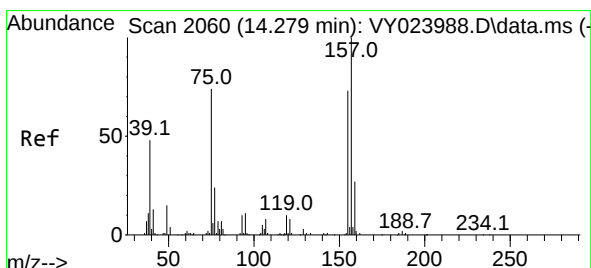
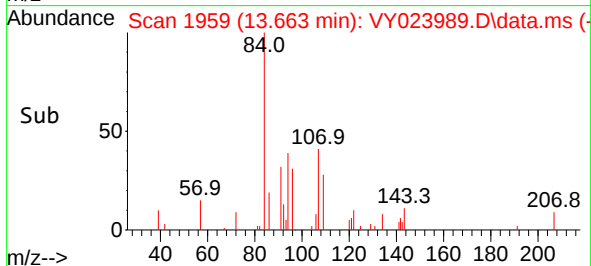
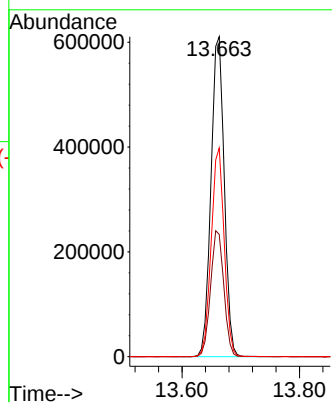
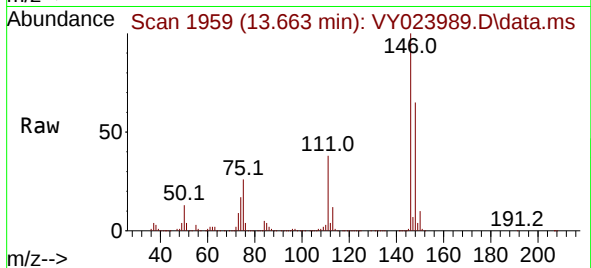
#91
1,2-Dichlorobenzene
Concen: 110.325 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 95681
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.4
148 64.0 32.0 96.2

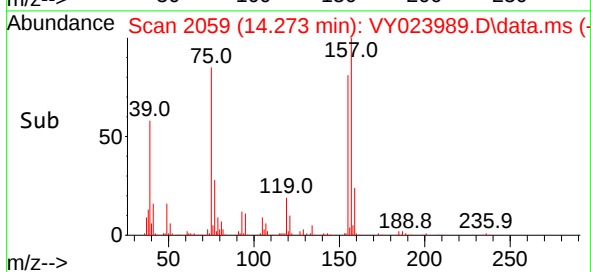
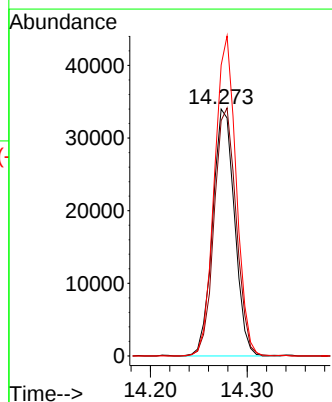
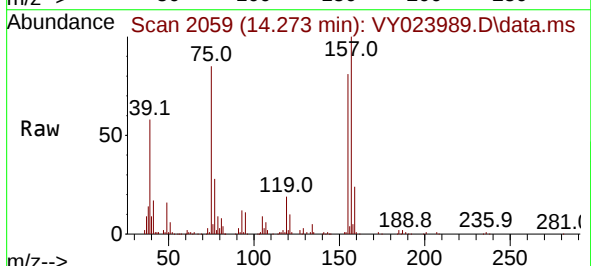
Manual Integrations
APPROVED

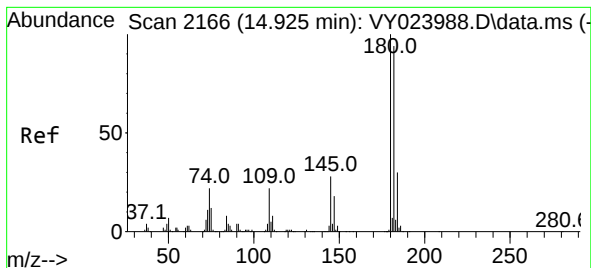
Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 116.735 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY023989.D
Acq: 16 Dec 2025 14:51

Tgt Ion: 75 Resp: 53587
Ion Ratio Lower Upper
75 100
155 100.6 49.3 147.8
157 127.5 64.3 192.9





#93

1,2,4-Trichlorobenzene

Concen: 114.336 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

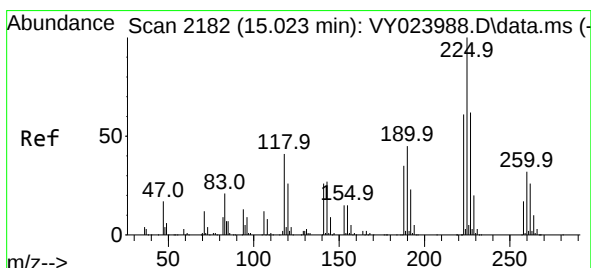
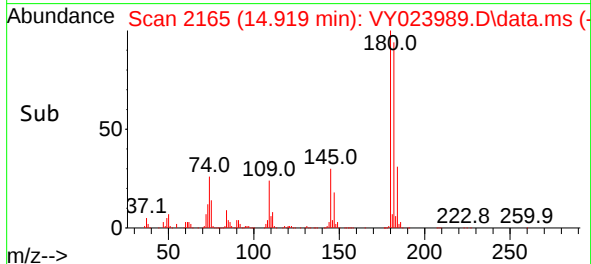
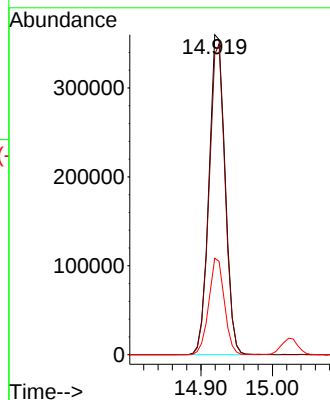
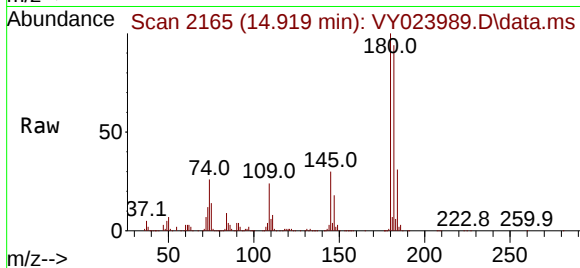
Tgt Ion:180 Resp: 564090

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.6
145	29.3	14.4	43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025
Supervised By :Mahesh Dadoda 12/18/2025



#94

Hexachlorobutadiene

Concen: 105.082 ug/l

RT: 15.023 min Scan# 2182

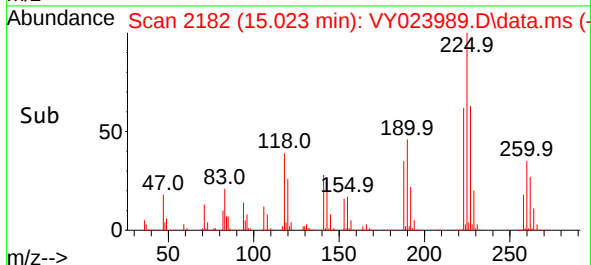
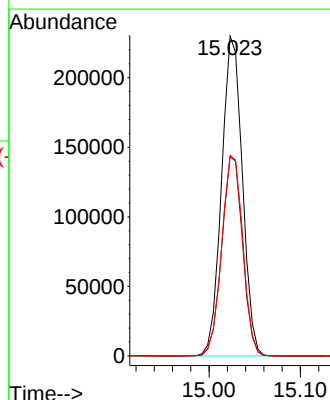
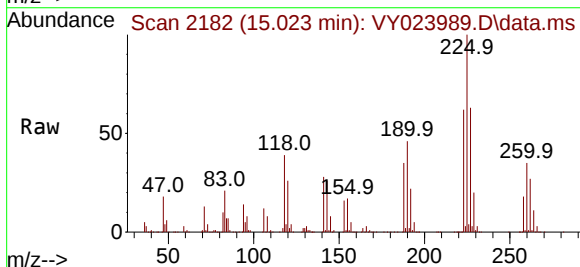
Delta R.T. 0.000 min

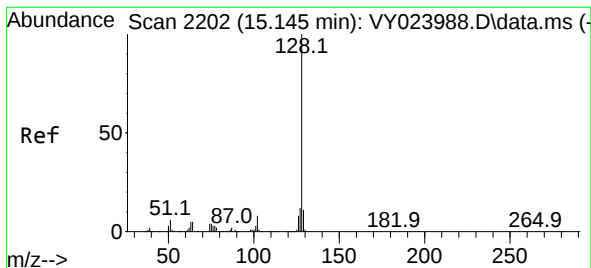
Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Tgt Ion:225 Resp: 362949

Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.9	92.5
227	63.9	32.1	96.3





#95

Naphthalene

Concen: 107.029 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 929690

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

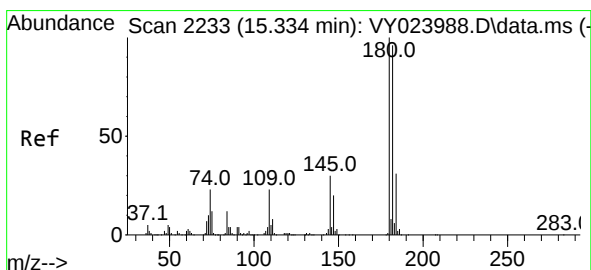
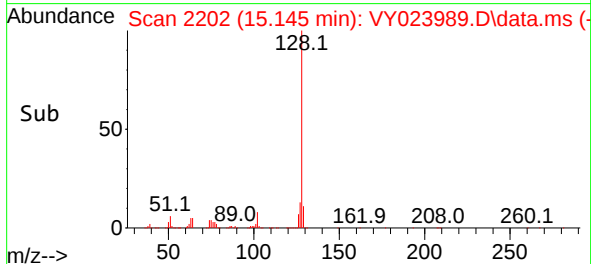
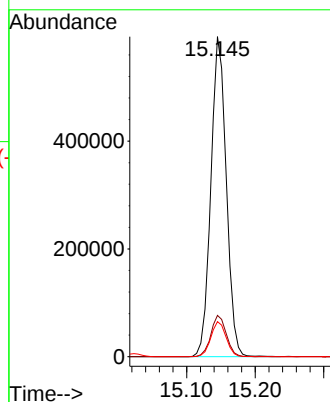
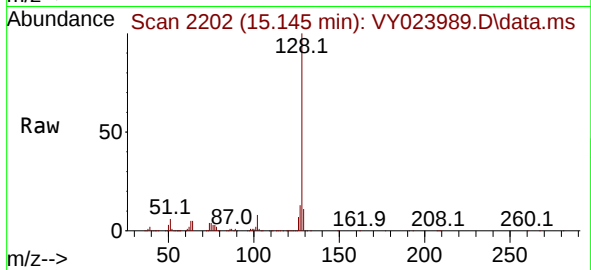
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2025

Supervised By :Mahesh Dadoda 12/18/2025



#96

1,2,3-Trichlorobenzene

Concen: 114.488 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023989.D

Acq: 16 Dec 2025 14:51

Tgt Ion:180 Resp: 474010

Ion Ratio Lower Upper

180 100

182 94.7 47.7 143.1

145 30.7 15.6 46.7

