

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120325\
 Data File : VY023872.D
 Acq On : 03 Dec 2025 15:35
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 03:40:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:37:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	549971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	838731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	733022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	373937	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	816576	148.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 296.840%#	
35) Dibromofluoromethane	7.640	113	813510	151.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 302.460%#	
50) Toluene-d8	10.109	98	3159448	150.929	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 301.860%#	
62) 4-Bromofluorobenzene	12.407	95	1086257	152.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 304.280%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.866	85	619326	148.882	ug/l	98
3) Chloromethane	2.074	50	914405	154.097	ug/l	97
4) Vinyl Chloride	2.208	62	1068530	157.863	ug/l	100
5) Bromomethane	2.592	94	749169	153.290	ug/l	99
6) Chloroethane	2.738	64	706601	153.975	ug/l	99
7) Trichlorofluoromethane	3.061	101	1442851	152.454	ug/l	97
8) Diethyl Ether	3.458	74	452499	159.592	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.817	101	845317	149.074	ug/l	99
10) Methyl Iodide	4.012	142	987902	151.888	ug/l	99
11) Tert butyl alcohol	4.872	59	286158	748.237	ug/l	99
12) 1,1-Dichloroethene	3.793	96	849091	160.261	ug/l	99
13) Acrolein	3.659	56	236864	689.621	ug/l	97
14) Allyl chloride	4.390	41	1392191	164.351	ug/l	98
15) Acrylonitrile	5.061	53	1005175	814.540	ug/l	99
16) Acetone	3.872	43	1159022	703.035	ug/l	100
17) Carbon Disulfide	4.110	76	2662403	170.078	ug/l	100
18) Methyl Acetate	4.390	43	447163	159.910	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	2214440	166.388	ug/l	100
20) Methylene Chloride	4.622	84	887878	153.382	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	938198	160.498	ug/l	99
22) Diisopropyl ether	6.024	45	3036807	162.821	ug/l	97
23) Vinyl Acetate	5.963	43	8755240	846.842	ug/l	98
24) 1,1-Dichloroethane	5.921	63	1685752	156.428	ug/l	99
25) 2-Butanone	6.896	43	1487269	748.352	ug/l	97
26) 2,2-Dichloropropane	6.890	77	1474101	149.247	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	1097531	161.693	ug/l	99
28) Bromochloromethane	7.250	49	589930	143.270	ug/l	100
29) Tetrahydrofuran	7.262	42	855375	832.226	ug/l	99
30) Chloroform	7.426	83	1678521	154.141	ug/l	100
31) Cyclohexane	7.707	56	1619783	157.206	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	1523297	154.964	ug/l	100
36) 1,1-Dichloropropene	7.841	75	1280900	161.483	ug/l	100
37) Ethyl Acetate	6.987	43	594564	162.324	ug/l	99
38) Carbon Tetrachloride	7.823	117	1377236	157.318	ug/l	99
39) Methylcyclohexane	9.109	83	1772467	171.667	ug/l	98
40) Benzene	8.085	78	3816578	159.185	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	276918	146.634	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	984153	157.302	ug/l	99
43) Isopropyl Acetate	8.201	43	1163699	169.806	ug/l	99
44) Trichloroethene	8.865	130	983378	159.403	ug/l	97
45) 1,2-Dichloropropane	9.146	63	901787	158.852	ug/l	99
46) Dibromomethane	9.231	93	492887	160.372	ug/l	99
47) Bromodichloromethane	9.426	83	1281714	158.071	ug/l	99
48) Methyl methacrylate	9.219	41	573982	179.279	ug/l	99
49) 1,4-Dioxane	9.231	88	112893	3303.532	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	3052838	847.158	ug/l	99
52) Toluene	10.170	92	2468676	164.423	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	1243642	169.938	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	1456993	169.068	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	663115	159.836	ug/l	98
56) Ethyl methacrylate	10.438	69	983339	153.027	ug/l	99
57) 1,3-Dichloropropane	10.719	76	1159589	162.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	2086927	760.461	ug/l	99
59) 2-Hexanone	10.761	43	2257507	830.621	ug/l	98
60) Dibromochloromethane	10.914	129	900437	161.860	ug/l	99
61) 1,2-Dibromoethane	11.017	107	623960	165.028	ug/l	99
64) Tetrachloroethene	10.645	164	1073993	149.720	ug/l	98
65) Chlorobenzene	11.444	112	2653945	158.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	899977	157.658	ug/l	99
67) Ethyl Benzene	11.517	91	4735004	163.704	ug/l	99
68) m/p-Xylenes	11.627	106	3662998	331.330	ug/l	98
69) o-Xylene	11.956	106	1751753	169.408	ug/l	99
70) Styrene	11.968	104	2898141	170.022	ug/l	100
71) Bromoform	12.133	173	532116	164.976	ug/l #	99
73) Isopropylbenzene	12.255	105	4595007	166.785	ug/l	100
74) N-amyl acetate	12.072	43	1102752	184.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	731655	164.599	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	550722m	148.558	ug/l	
77) Bromobenzene	12.529	156	1034389	161.662	ug/l	98
78) n-propylbenzene	12.596	91	5408902	162.699	ug/l	99
79) 2-Chlorotoluene	12.682	91	3050917	161.589	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	3673892	164.117	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	271155	175.188	ug/l	98
82) 4-Chlorotoluene	12.779	91	3145945	160.716	ug/l	100
83) tert-Butylbenzene	12.999	119	3352060	166.095	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	3656720	164.888	ug/l	99
85) sec-Butylbenzene	13.175	105	4840736	161.246	ug/l	99
86) p-Isopropyltoluene	13.291	119	4107675	165.255	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	2027489	157.280	ug/l	100
88) 1,4-Dichlorobenzene	13.364	146	1962768	155.259	ug/l	100
89) n-Butylbenzene	13.614	91	3842972	167.040	ug/l	99
90) Hexachloroethane	13.877	117	822867	157.801	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	1765543	157.466	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	114369	163.638	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	1126109	169.402	ug/l	99
94) Hexachlorobutadiene	15.023	225	648633	155.522	ug/l	99
95) Naphthalene	15.145	128	2040346	186.243	ug/l	100
96) 1,2,3-Trichlorobenzene	15.327	180	952579	167.923	ug/l	99

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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

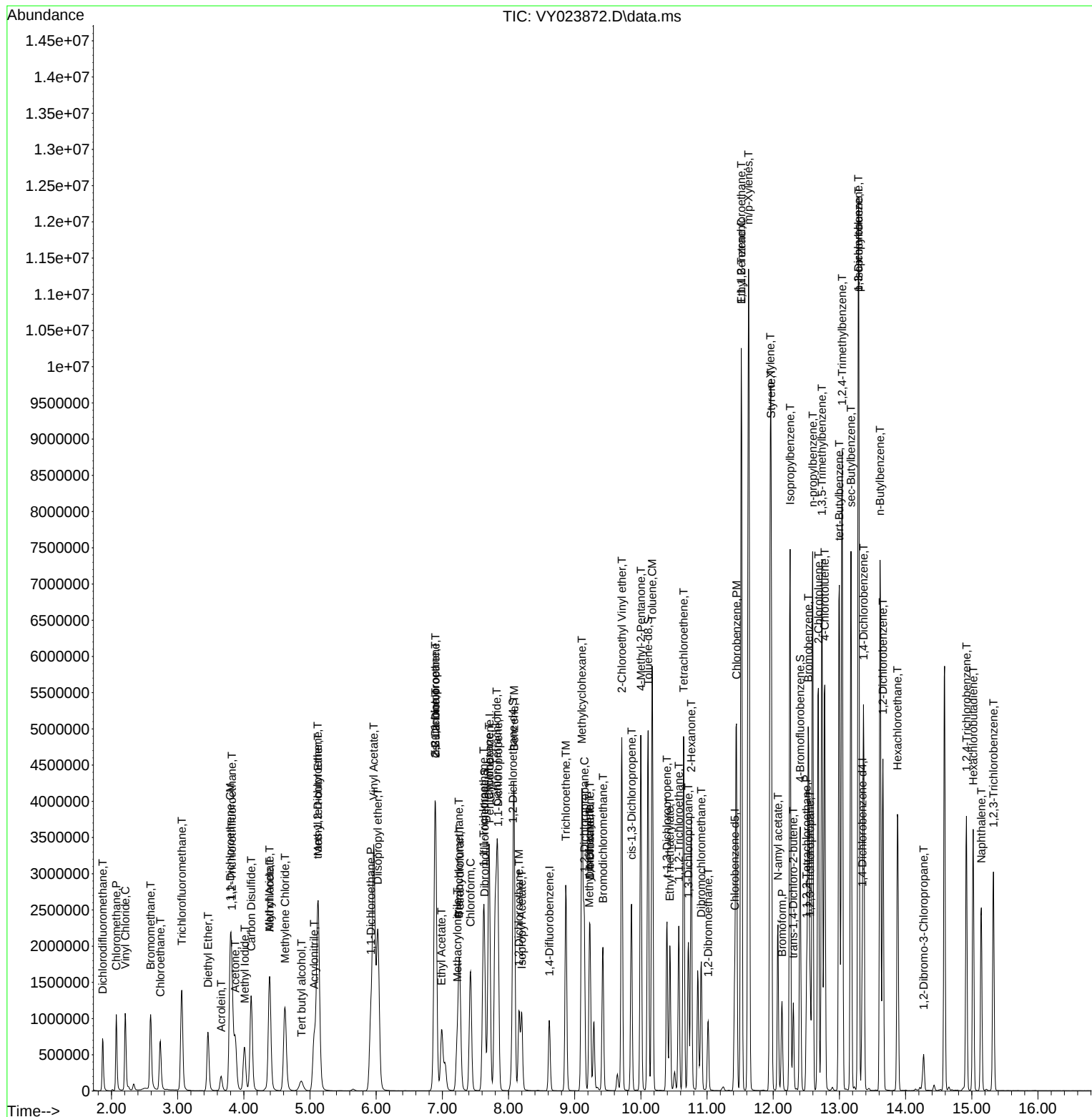
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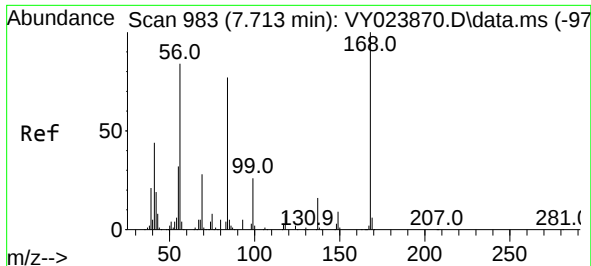
Instrument :
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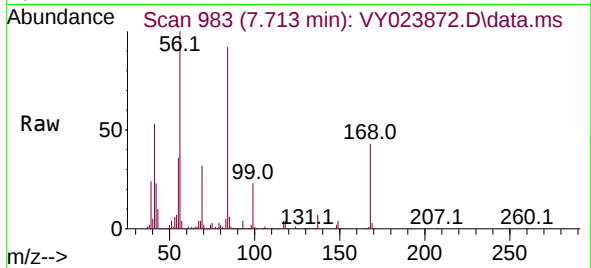
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

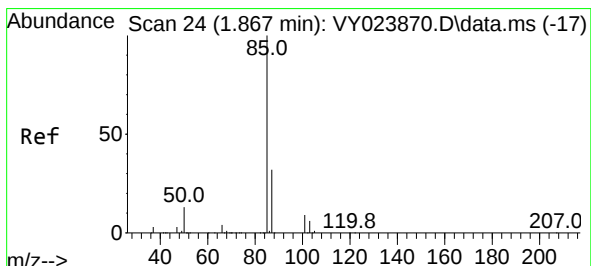
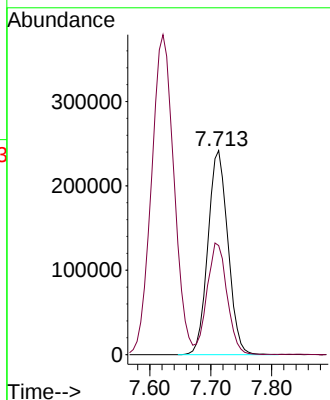
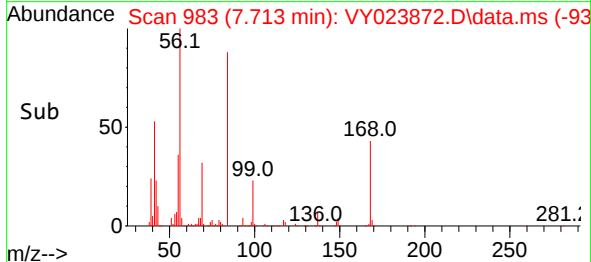
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:168 Resp: 549973
Ion Ratio Lower Upper
168 100
99 53.3 42.5 63.7

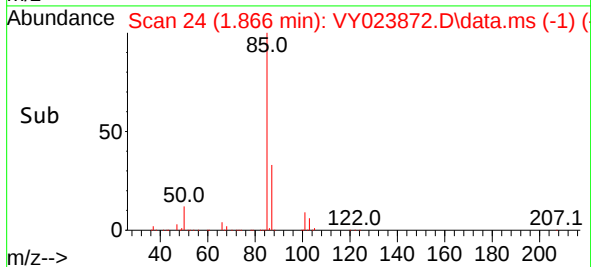
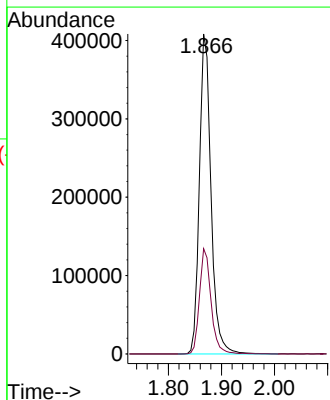
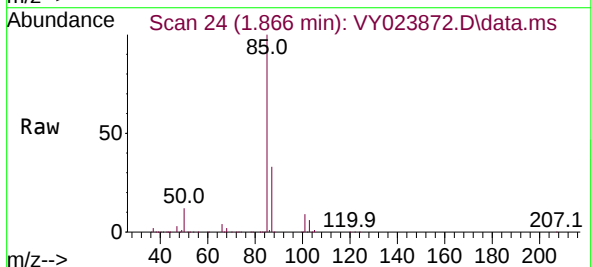
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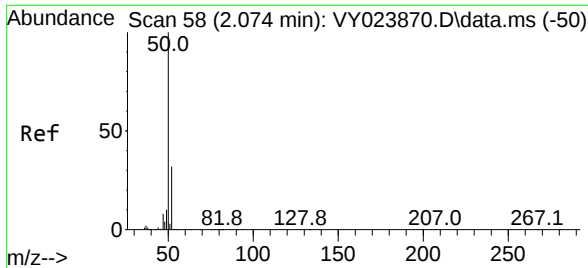
Reviewed By :John Carlone 12/04/2025
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#2
Dichlorodifluoromethane
Concen: 148.882 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

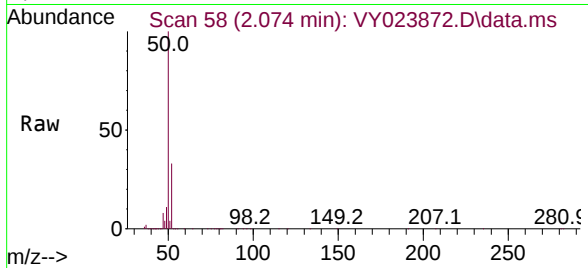
Tgt Ion: 85 Resp: 619326
Ion Ratio Lower Upper
85 100
87 32.9 15.9 47.6





#3
Chloromethane
Concen: 154.097 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

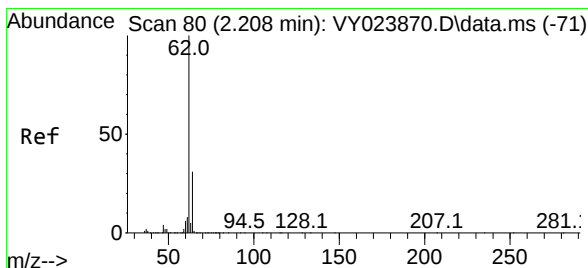
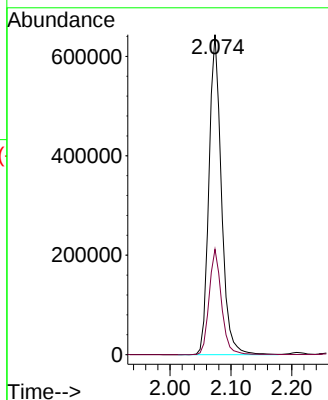
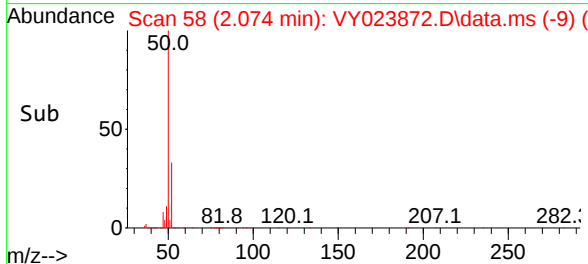
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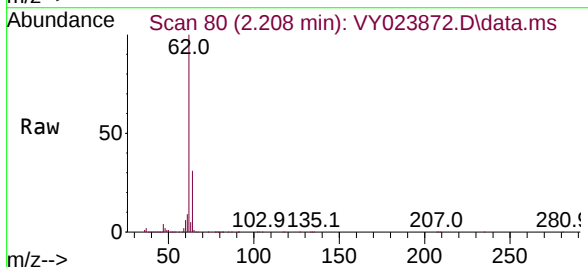
Tgt Ion: 50 Resp: 914405
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8

Manual Integrations
APPROVED

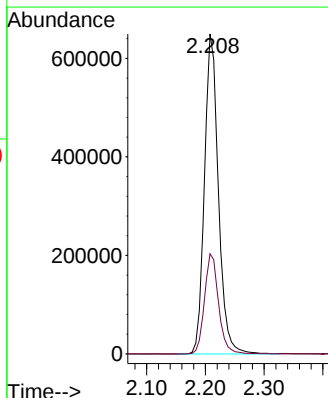
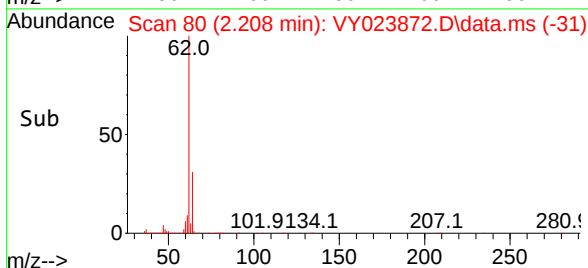
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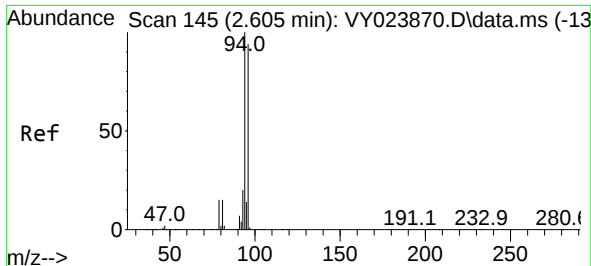


#4
Vinyl Chloride
Concen: 157.863 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



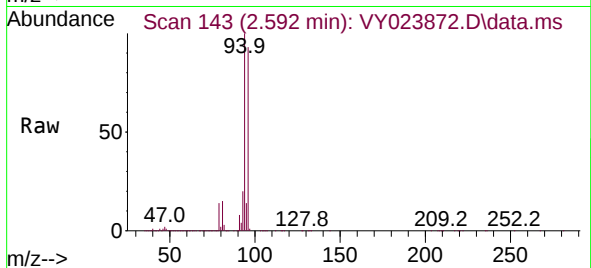
Tgt Ion: 62 Resp: 1068530
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 153.290 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.013 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

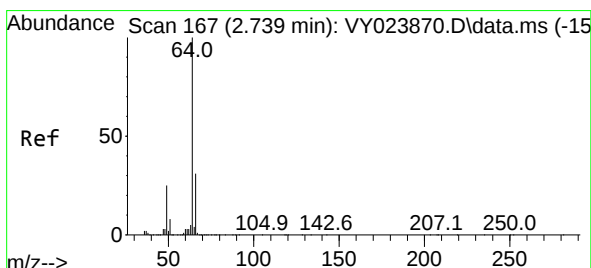
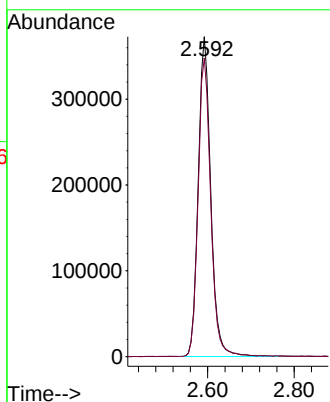
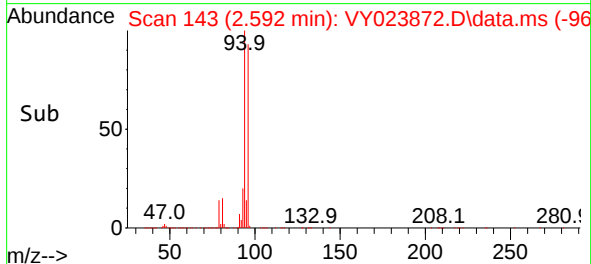
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Tgt Ion: 94 Resp: 749169
Ion Ratio Lower Upper
94 100
96 93.2 75.2 112.8

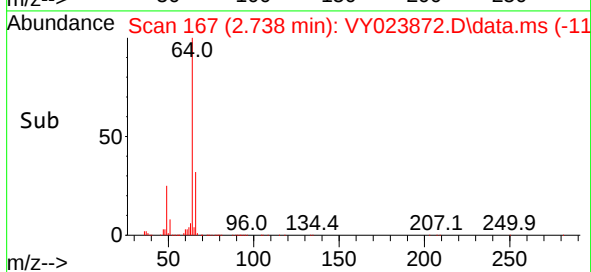
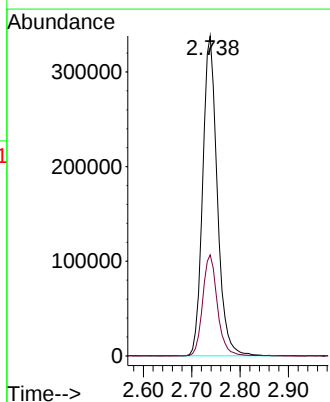
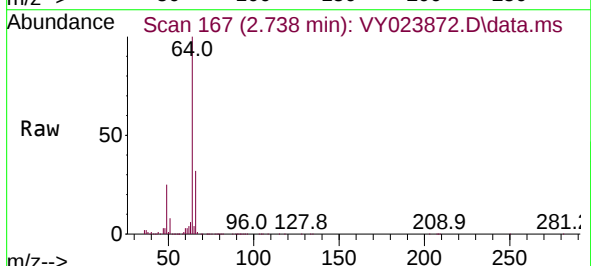
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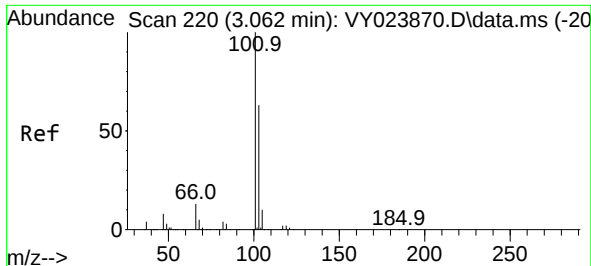
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 153.975 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

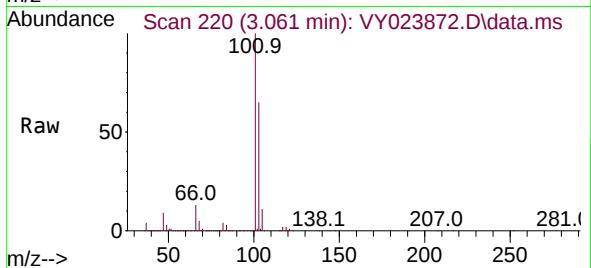
Tgt Ion: 64 Resp: 706601
Ion Ratio Lower Upper
64 100
66 31.5 24.8 37.2





#7
Trichlorofluoromethane
Concen: 152.454 ug/l
RT: 3.061 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

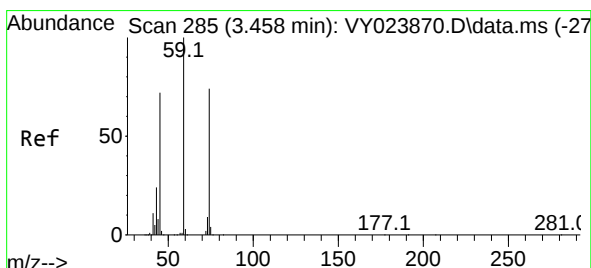
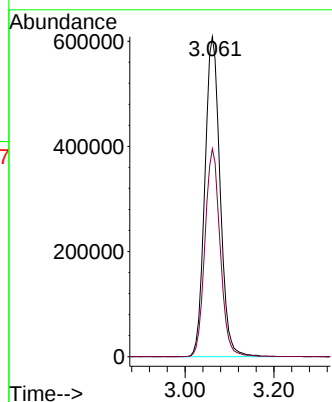
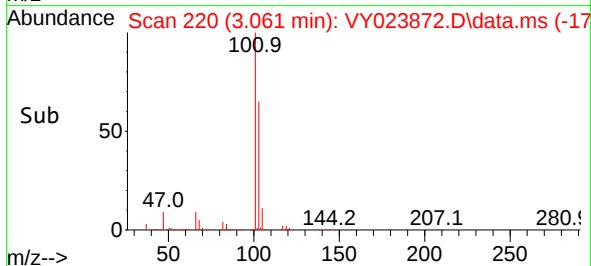
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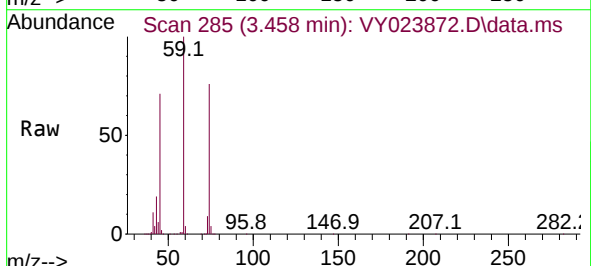
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Ion Ratio Lower Upper
101 100
103 64.9 50.2 75.2

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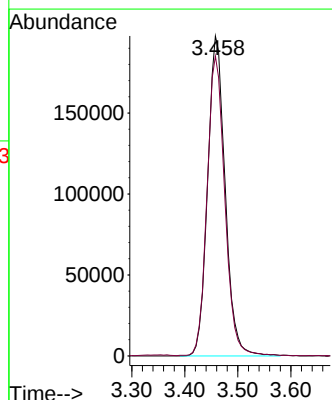
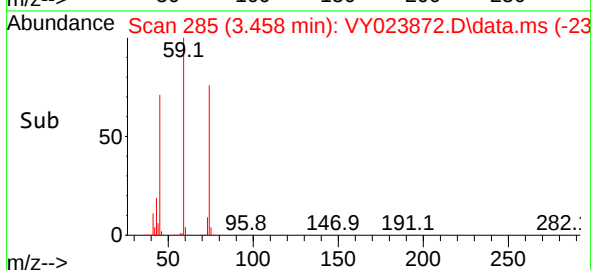
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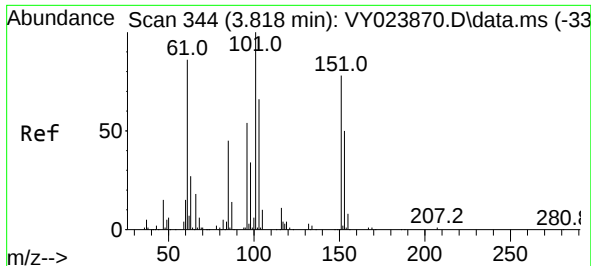


#8
Diethyl Ether
Concen: 159.592 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



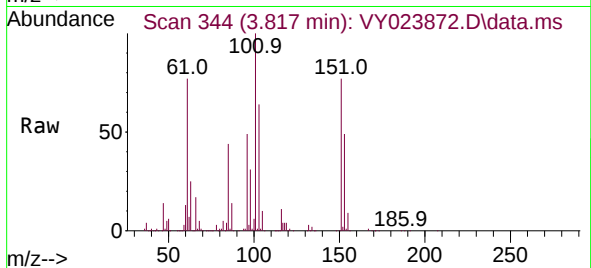
Tgt Ion: 74 Resp: 452499
Ion Ratio Lower Upper
74 100
45 95.2 48.4 145.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.074 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

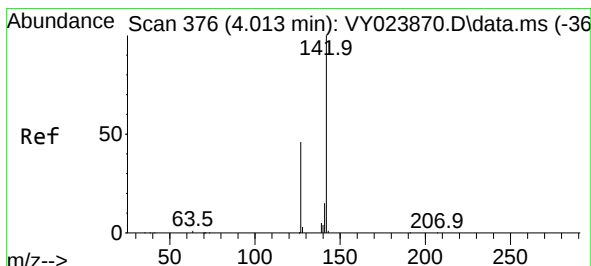
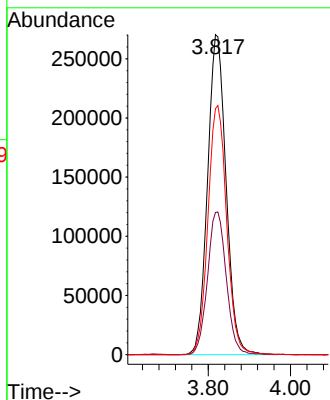
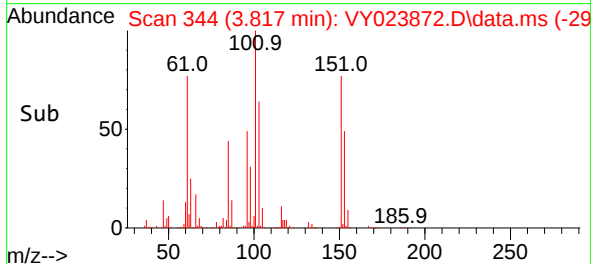
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



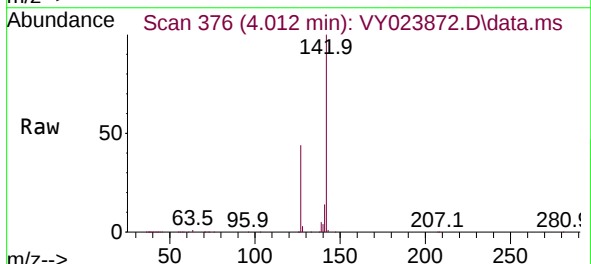
Tgt Ion:101 Resp: 845317
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.8
151 78.7 63.4 95.0

Manual Integrations
APPROVED

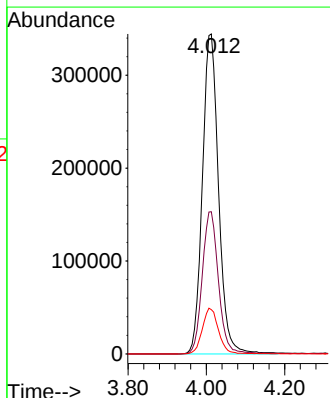
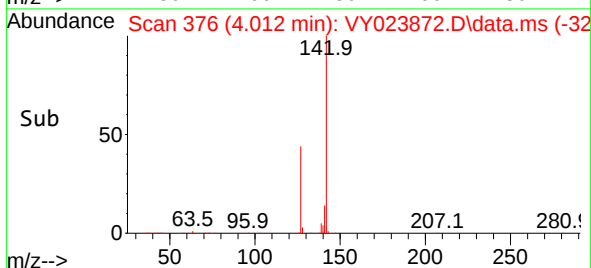
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

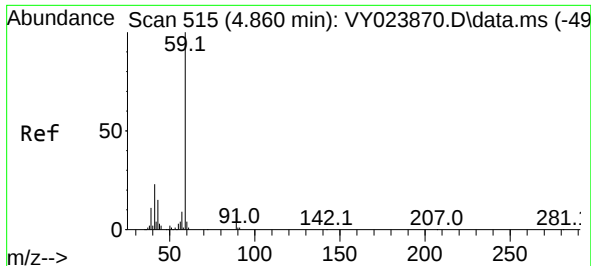


#10
Methyl Iodide
Concen: 151.888 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



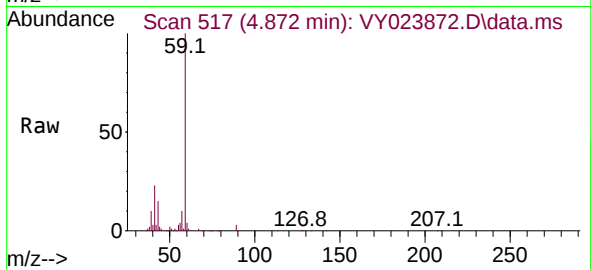
Tgt Ion:142 Resp: 987902
Ion Ratio Lower Upper
142 100
127 44.6 36.1 54.1
141 14.3 11.8 17.8





#11
Tert butyl alcohol
Concen: 748.237 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

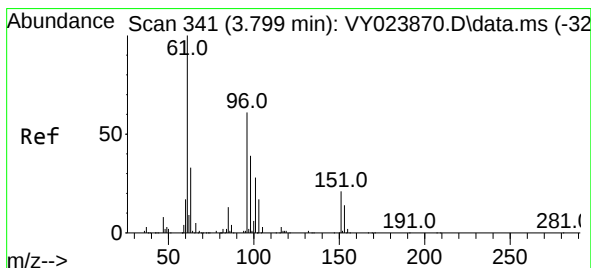
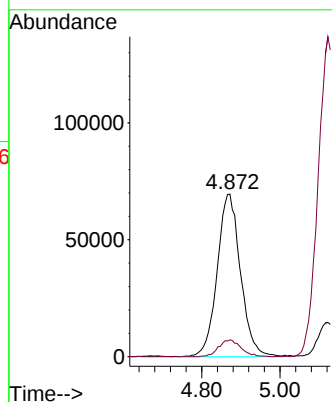
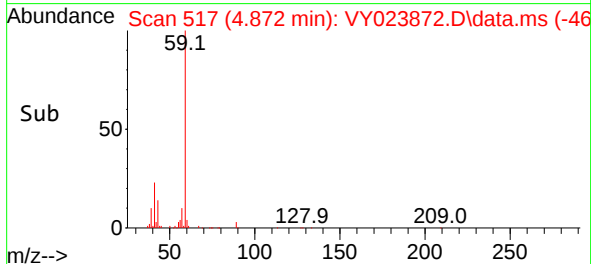
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



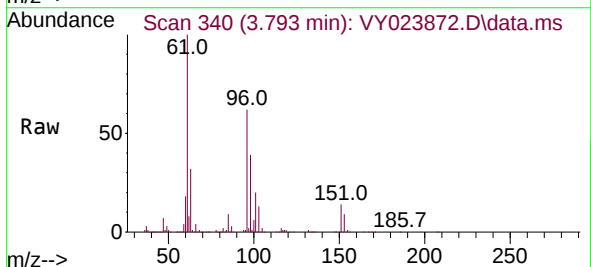
Tgt Ion: 59 Resp: 286158
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5

Manual Integrations
APPROVED

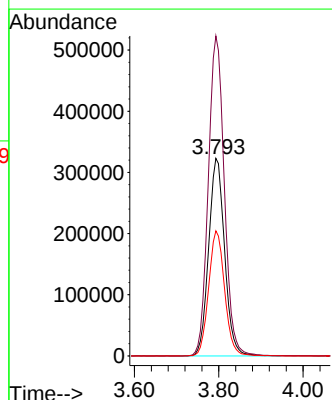
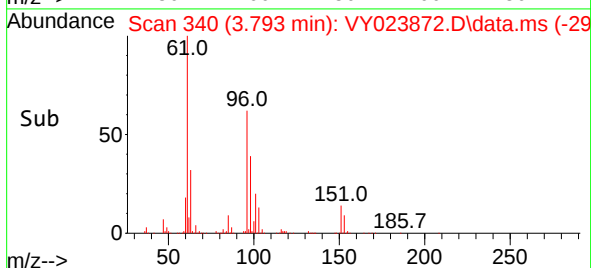
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

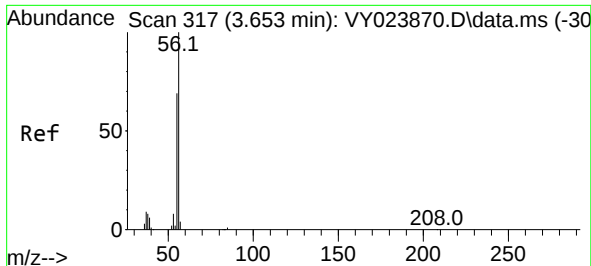


#12
1,1-Dichloroethene
Concen: 160.261 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.007 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



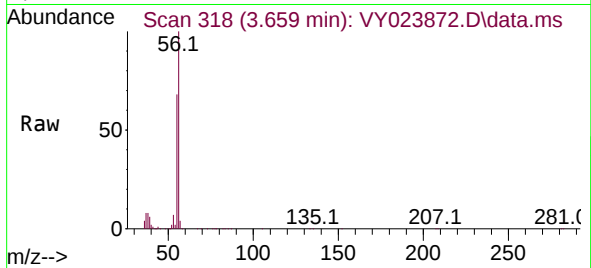
Tgt Ion: 96 Resp: 849091
Ion Ratio Lower Upper
96 100
61 162.0 131.2 196.8
98 63.3 51.3 76.9





#13
Acrolein
Concen: 689.621 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

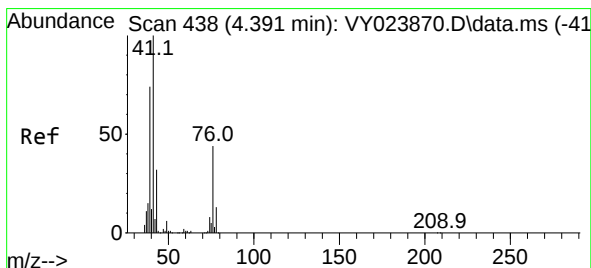
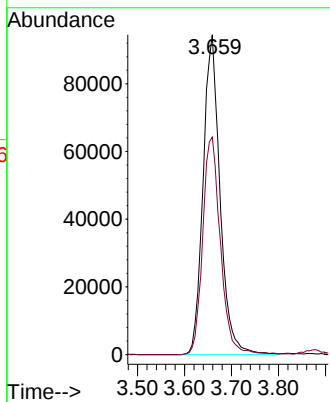
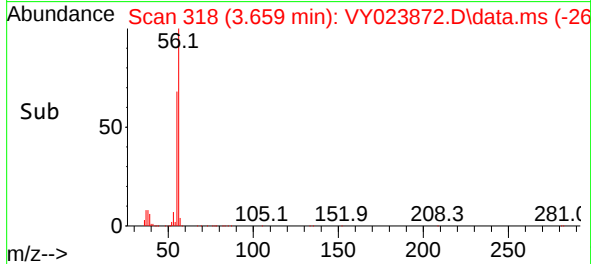
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 236864
Ion Ratio Lower Upper
56 100
55 71.2 59.0 88.6

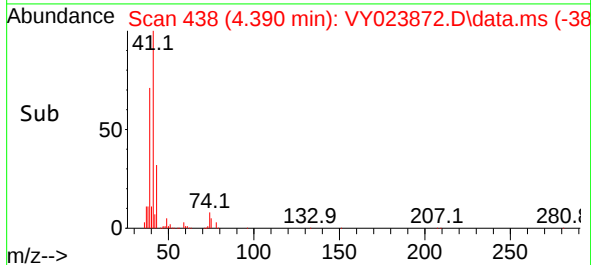
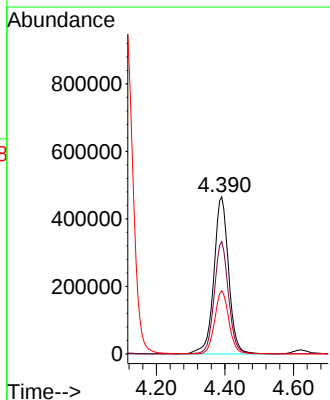
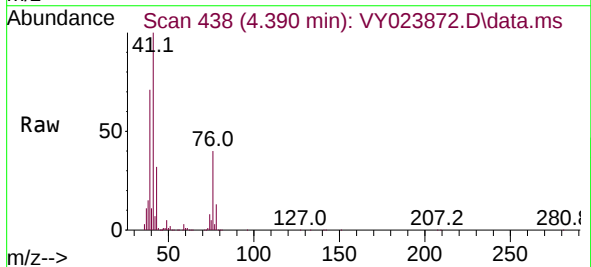
Manual Integrations
APPROVED

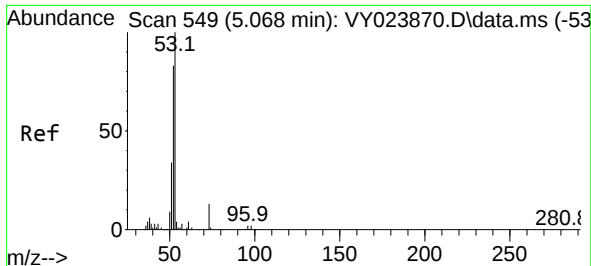
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 164.351 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

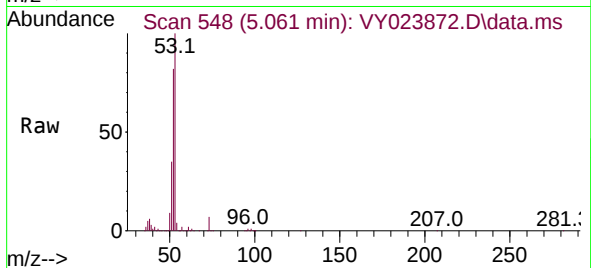
Tgt Ion: 41 Resp: 1392191
Ion Ratio Lower Upper
41 100
39 69.4 57.4 86.0
76 38.5 30.8 46.2





#15
Acrylonitrile
Concen: 814.540 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.007 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

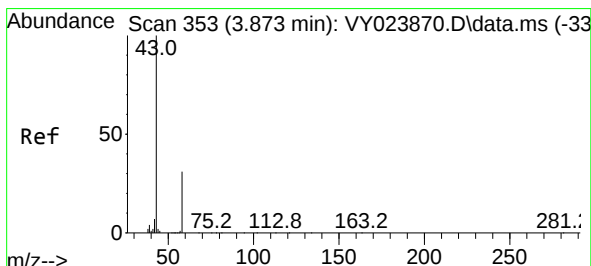
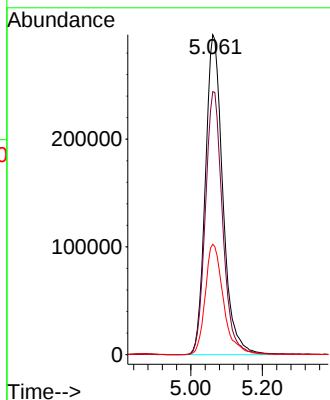
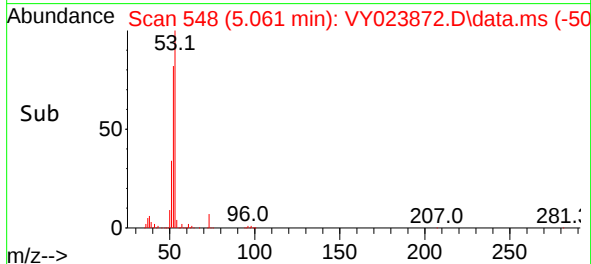
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



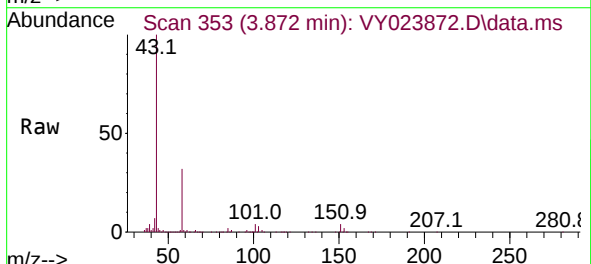
Tgt Ion: 53 Resp: 1005175
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 36.0 29.5 44.3

Manual Integrations
APPROVED

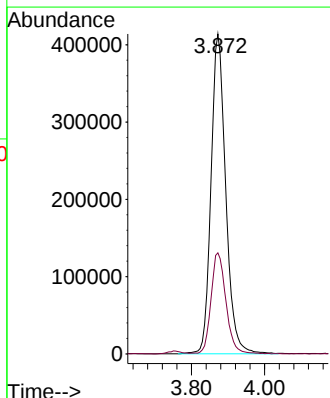
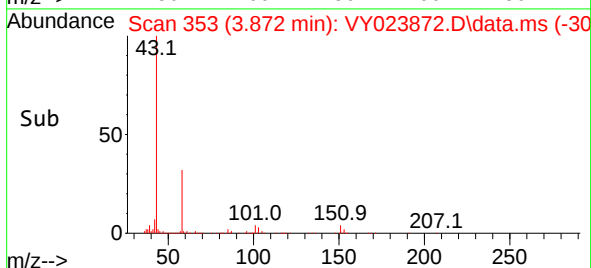
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

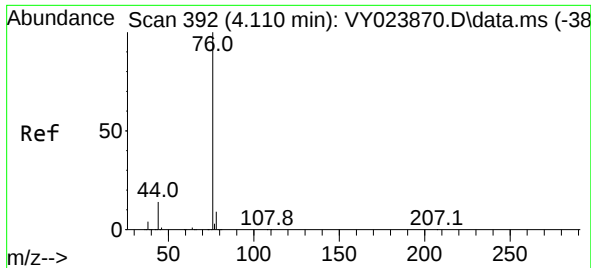


#16
Acetone
Concen: 703.035 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



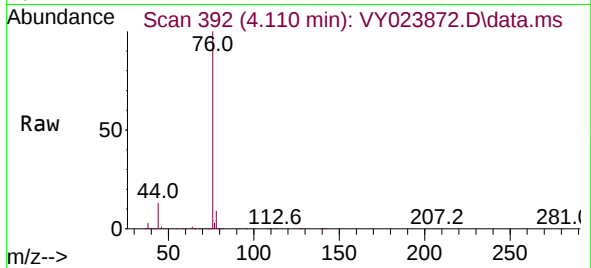
Tgt Ion: 43 Resp: 1159022
Ion Ratio Lower Upper
43 100
58 31.5 25.1 37.7





#17
Carbon Disulfide
Concen: 170.078 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

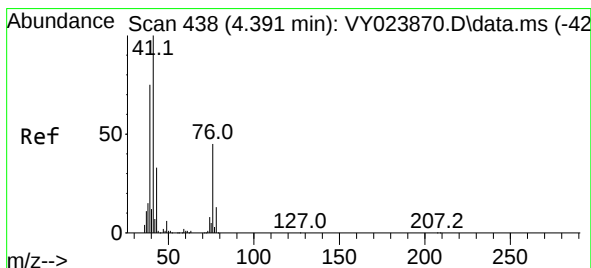
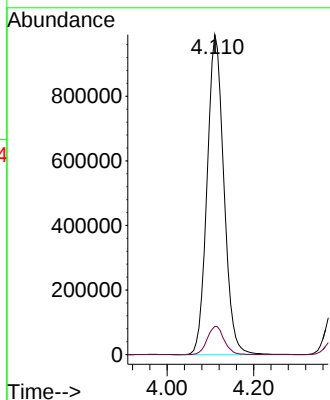
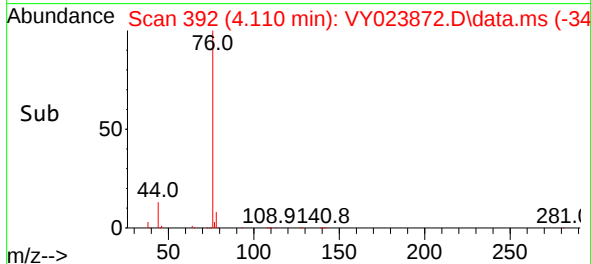
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



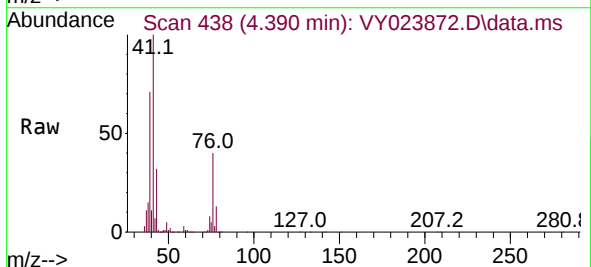
Tgt Ion: 76 Resp: 2662403
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

Manual Integrations
APPROVED

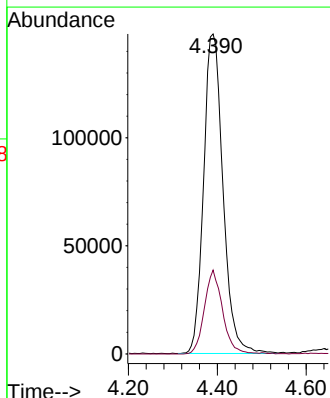
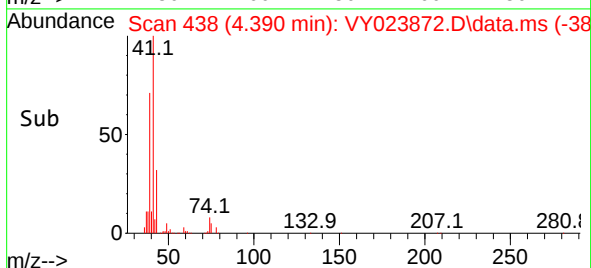
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

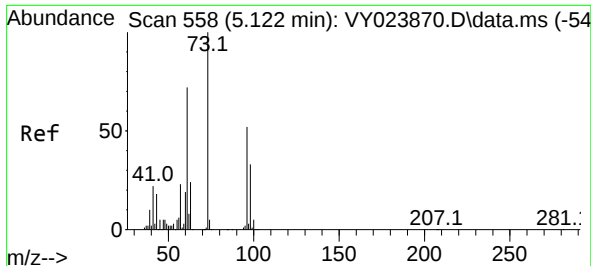


#18
Methyl Acetate
Concen: 159.910 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



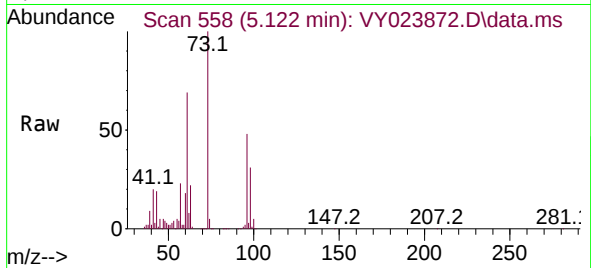
Tgt Ion: 43 Resp: 447163
Ion Ratio Lower Upper
43 100
74 24.4 19.6 29.4





#19
Methyl tert-butyl Ether
Concen: 166.388 ug/l
RT: 5.122 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

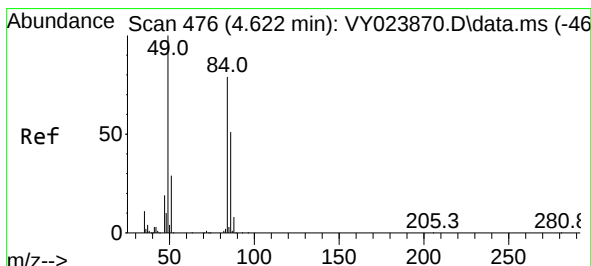
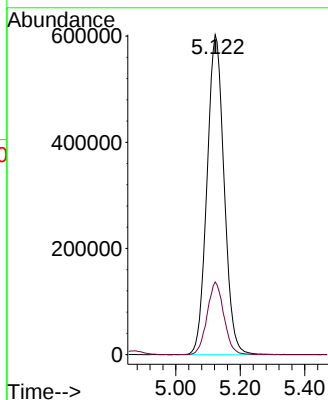
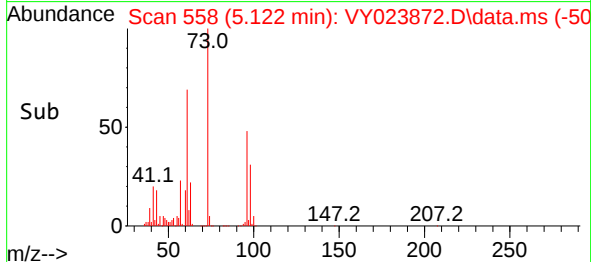
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



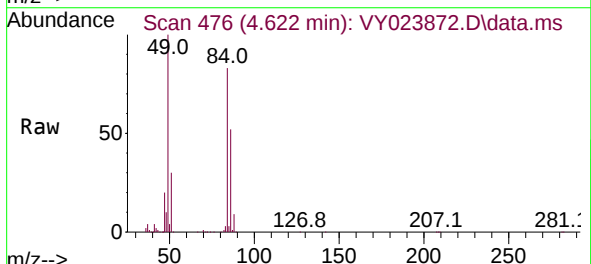
Tgt Ion: 73 Resp: 2214440
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2

Manual Integrations
APPROVED

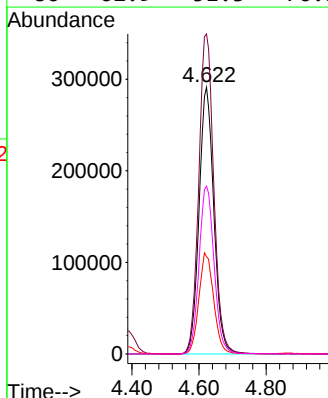
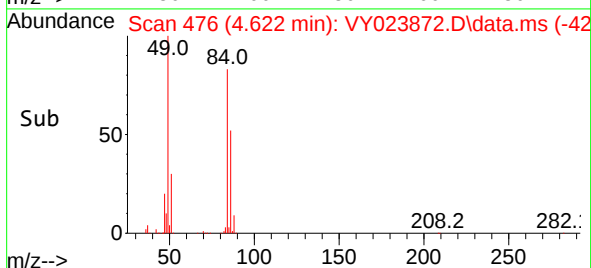
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

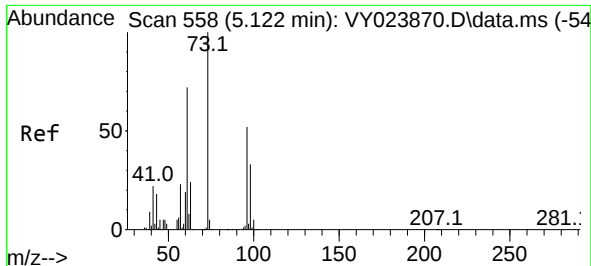


#20
Methylene Chloride
Concen: 153.382 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



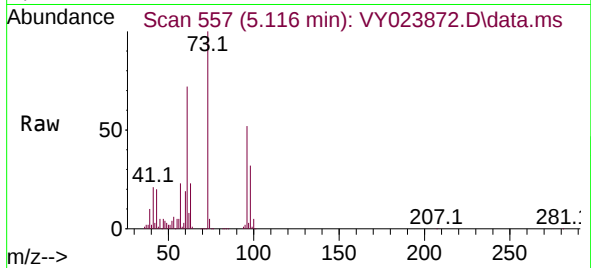
Tgt Ion: 84 Resp: 887878
Ion Ratio Lower Upper
84 100
49 120.0 100.6 151.0
51 36.5 29.0 43.6
86 62.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 160.498 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.007 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

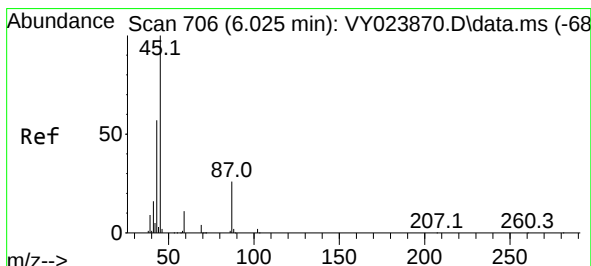
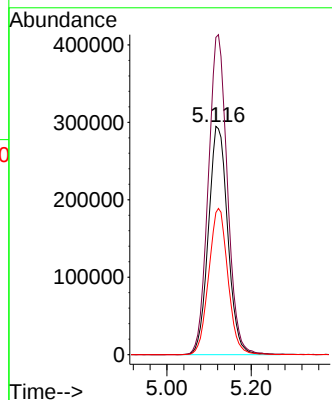
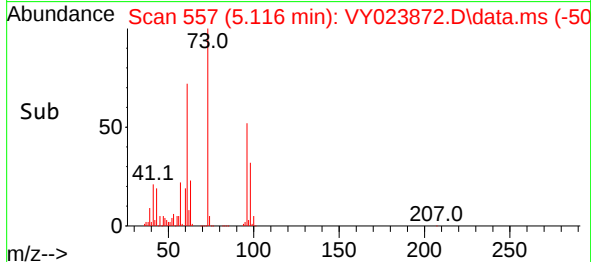
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 938198
Ion Ratio Lower Upper
96 100
61 138.9 111.7 167.5
98 62.2 51.5 77.3

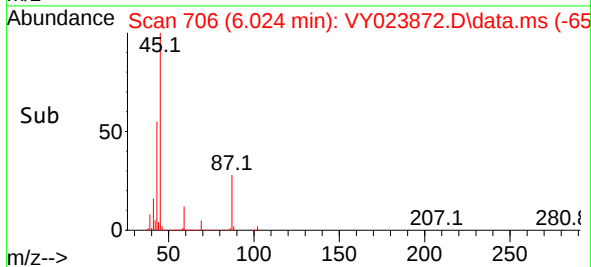
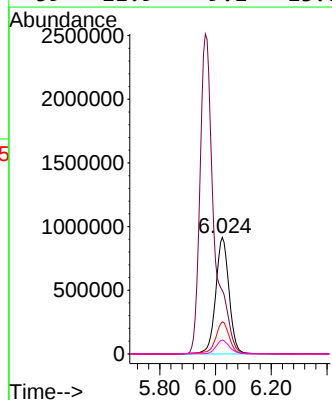
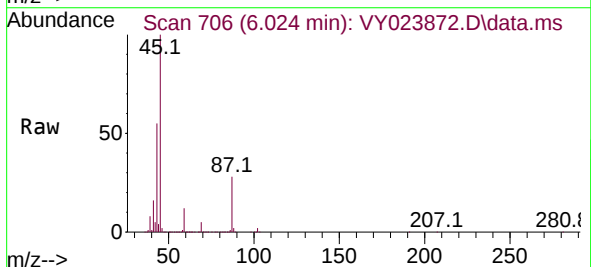
Manual Integrations
APPROVED

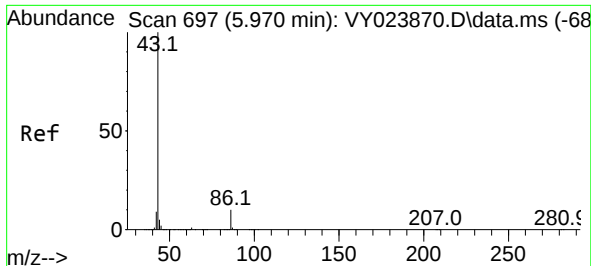
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 162.821 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

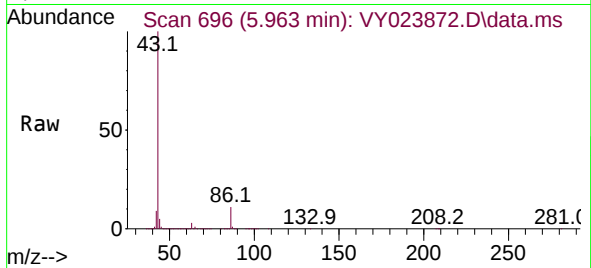
Tgt Ion: 45 Resp: 3036807
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 27.6 20.7 31.1
59 11.9 9.1 13.7





#23
 Vinyl Acetate
 Concen: 846.842 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.007 min
 Lab File: VY023872.D
 Acq: 03 Dec 2025 15:35

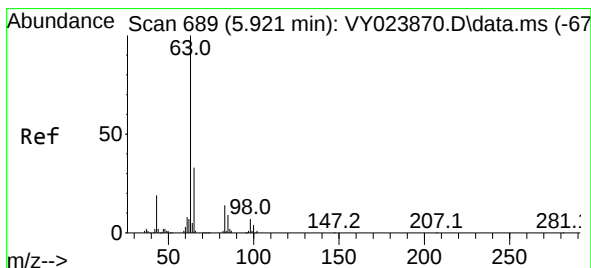
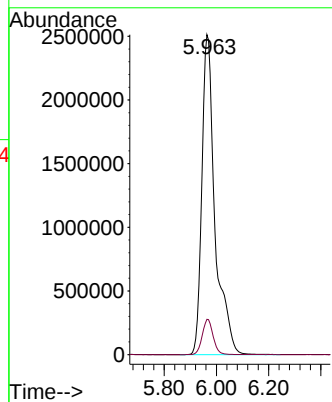
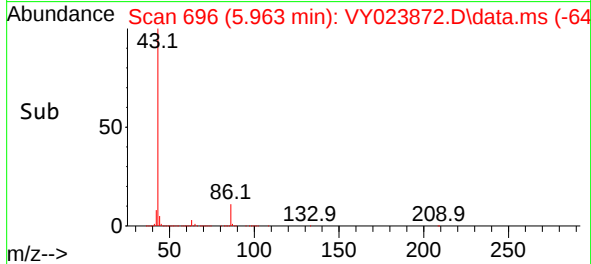
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



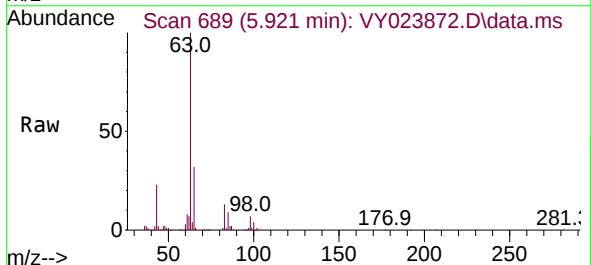
Tgt Ion: 43 Resp: 8755240
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4

Manual Integrations
 APPROVED

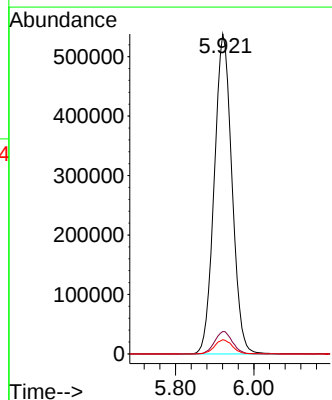
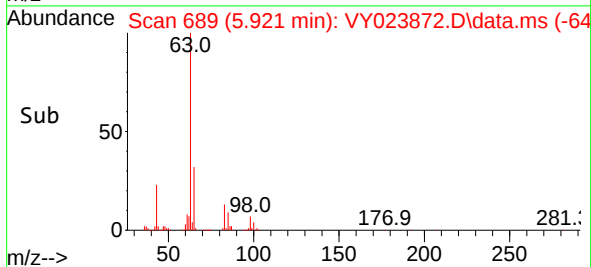
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

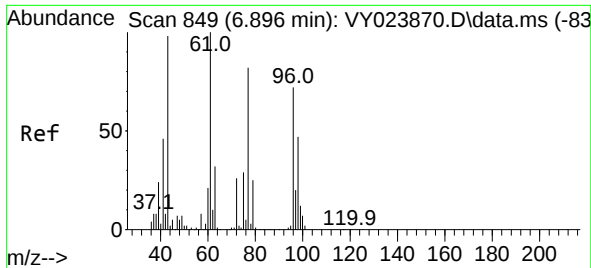


#24
 1,1-Dichloroethane
 Concen: 156.428 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY023872.D
 Acq: 03 Dec 2025 15:35



Tgt Ion: 63 Resp: 1685752
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.4 2.2 6.6





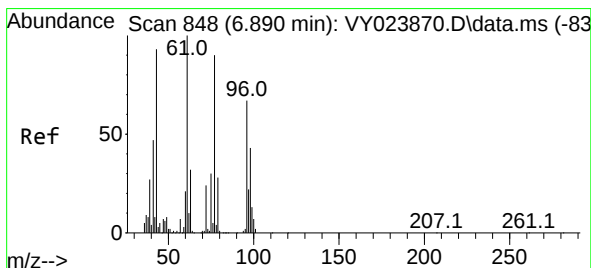
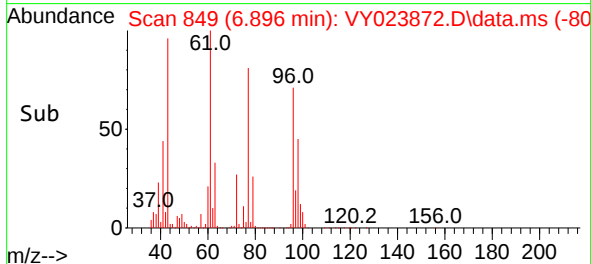
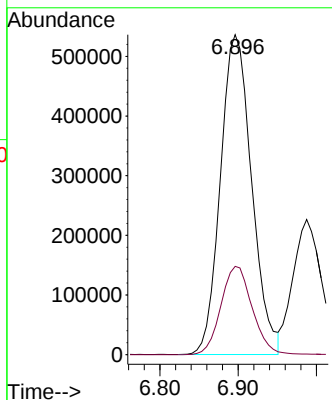
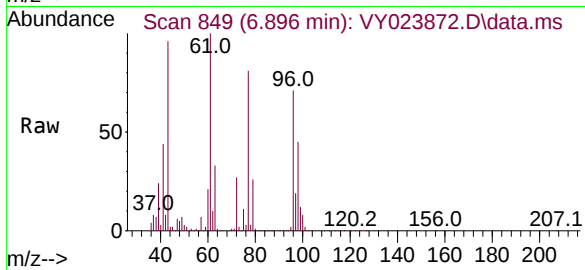
#25
2-Butanone
Concen: 748.352 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1487269
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.6

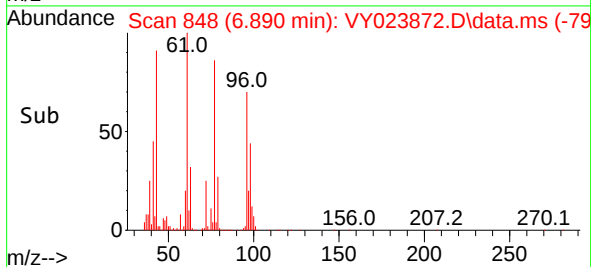
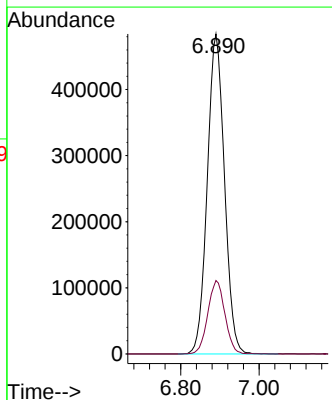
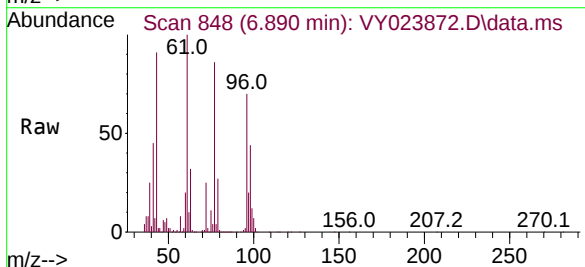
Manual Integrations
APPROVED

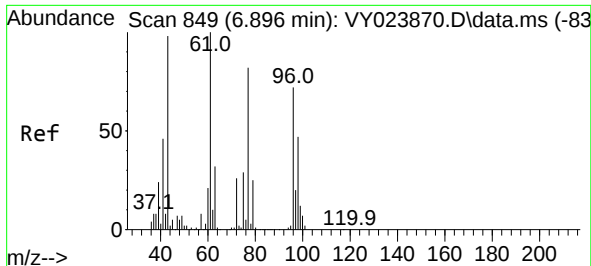
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 149.247 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Tgt Ion: 77 Resp: 1474101
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.8





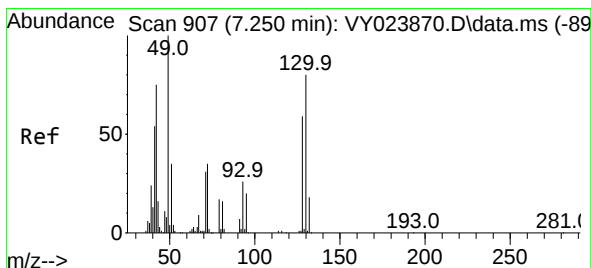
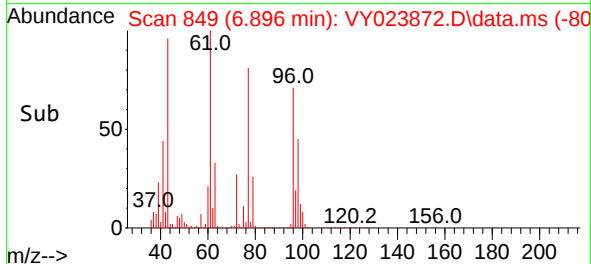
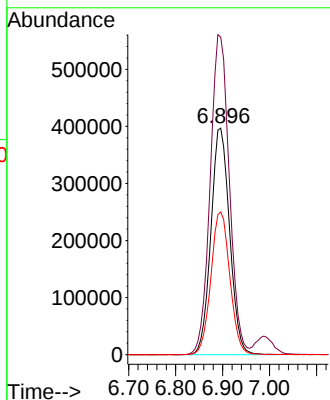
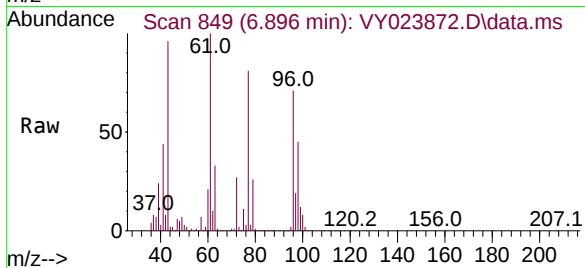
#27
 cis-1,2-Dichloroethene
 Concen: 161.693 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY023872.D
 Acq: 03 Dec 2025 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Tgt Ion: 96 Resp: 109753
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 292.8
 98 63.9 0.0 128.4

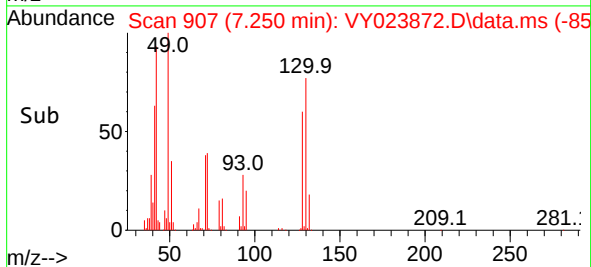
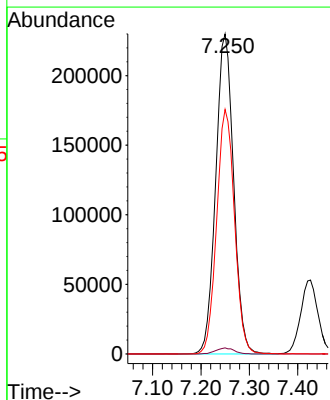
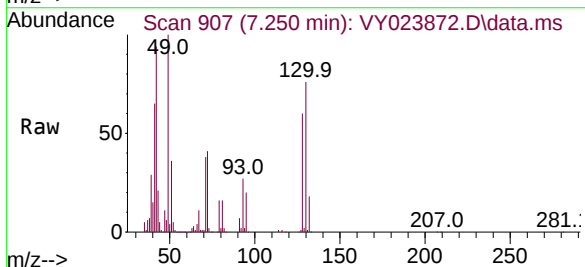
Manual Integrations
 APPROVED

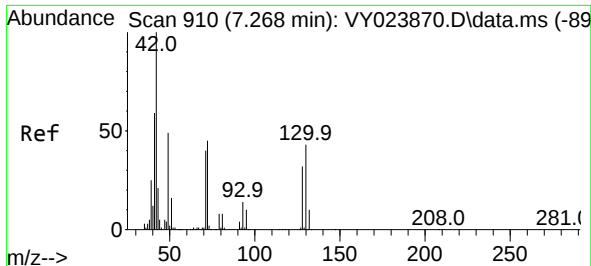
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#28
 Bromochloromethane
 Concen: 143.270 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY023872.D
 Acq: 03 Dec 2025 15:35

Tgt Ion: 49 Resp: 589930
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 76.3 61.0 91.6





#29

Tetrahydrofuran

Concen: 832.226 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.007 min

Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 855375

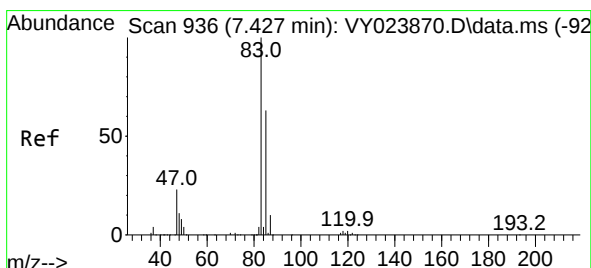
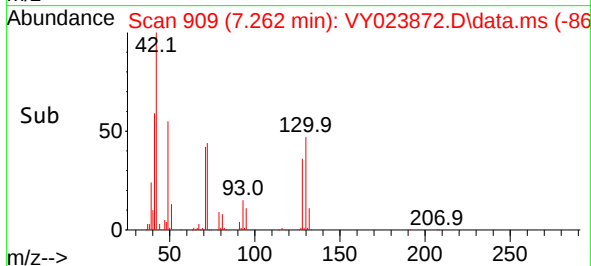
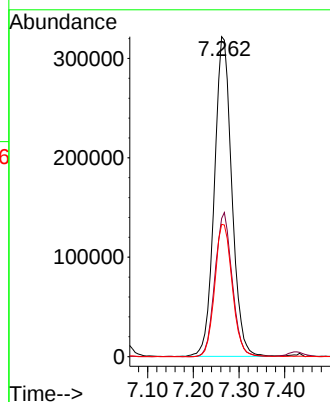
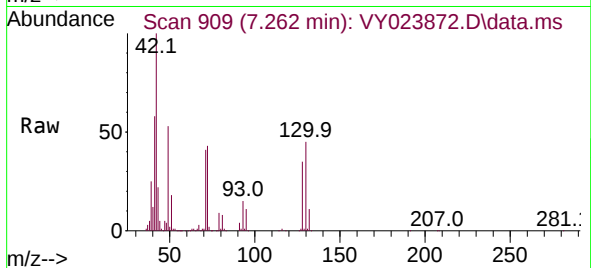
Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.6	53.4
71	41.5	32.5	48.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 154.141 ug/l

RT: 7.426 min Scan# 936

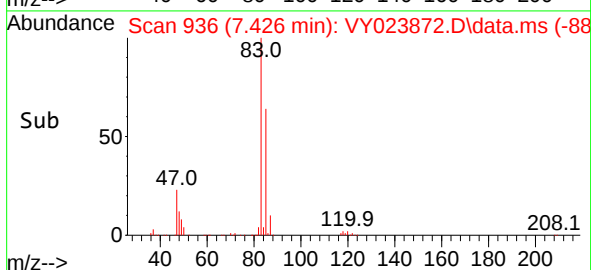
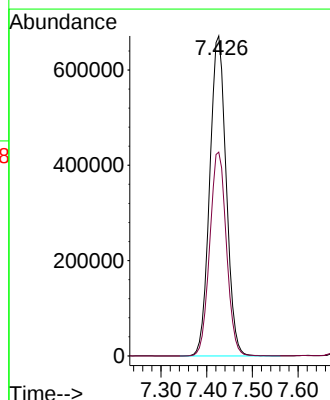
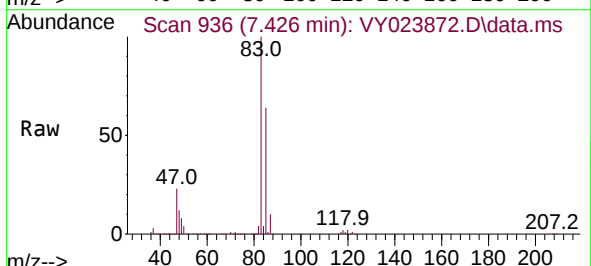
Delta R.T. -0.000 min

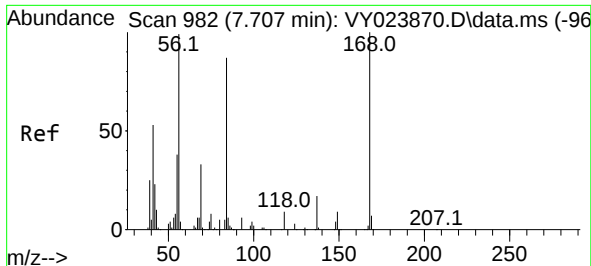
Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

Tgt Ion: 83 Resp: 1678521

Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.6	76.0





#31

Cyclohexane

Concen: 157.206 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.000 min

Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 1619783

Ion Ratio Lower Upper

56 100

69 32.1 26.8 40.2

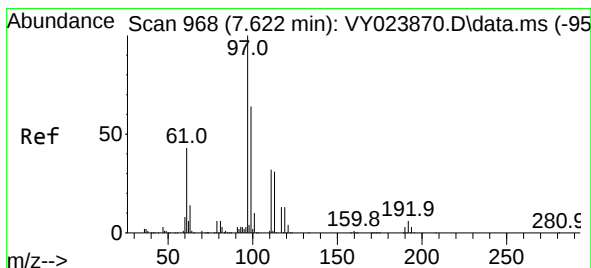
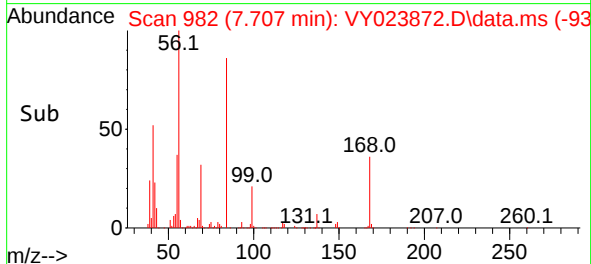
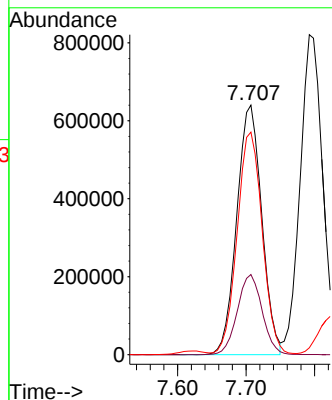
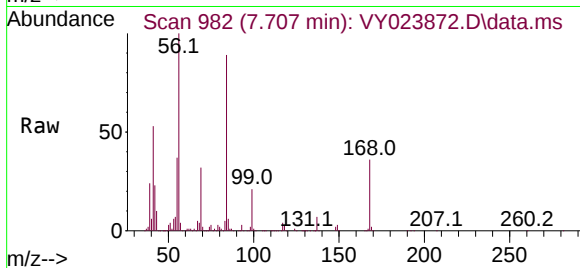
84 88.3 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#32

1,1,1-Trichloroethane

Concen: 154.964 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

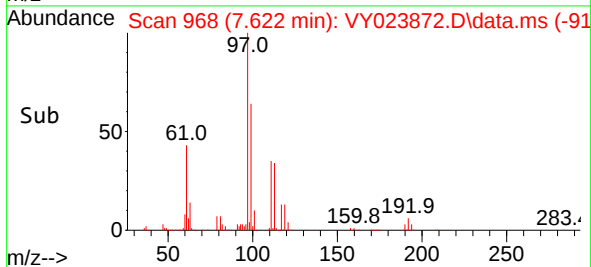
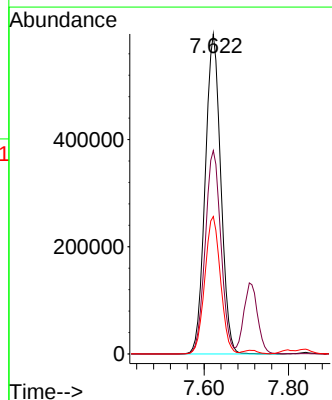
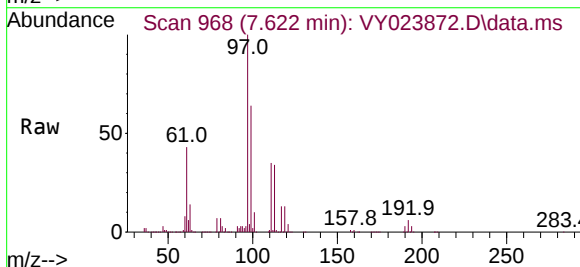
Tgt Ion: 97 Resp: 1523297

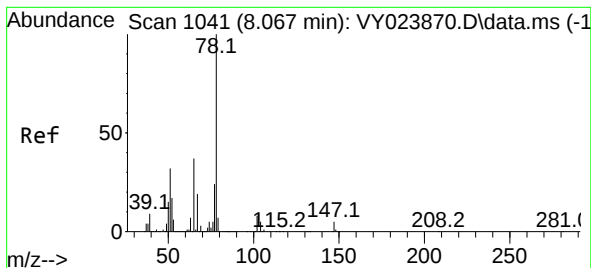
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 43.3 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 148.423 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 816576

Ion Ratio Lower Upper

65 100

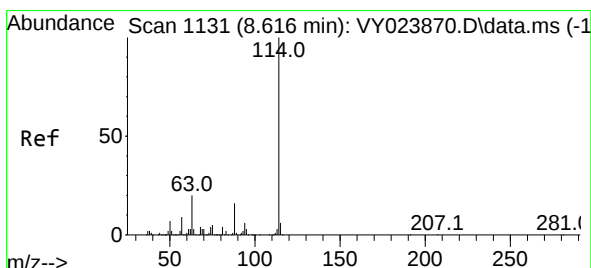
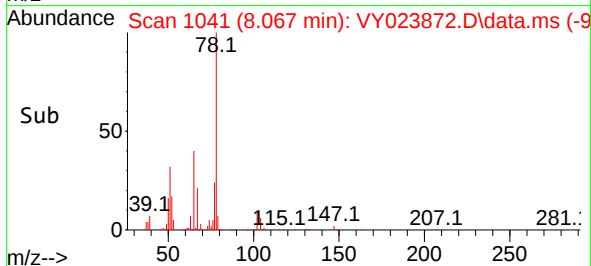
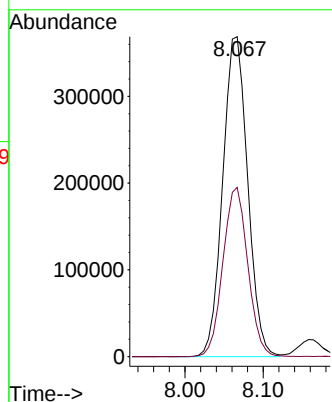
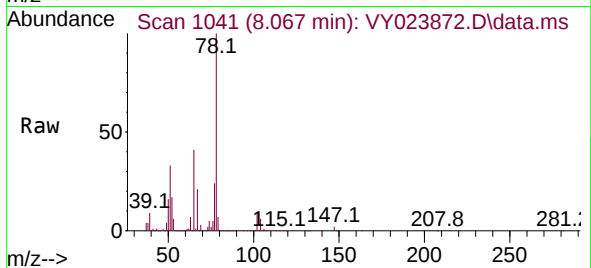
67 52.7 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

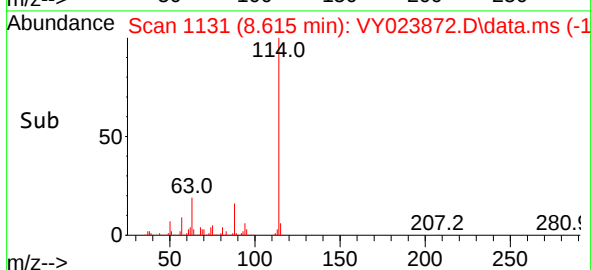
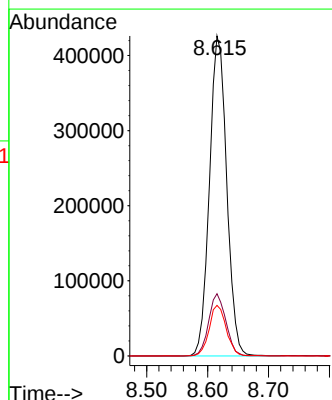
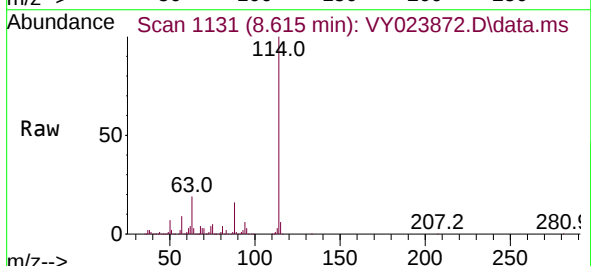
Tgt Ion:114 Resp: 838731

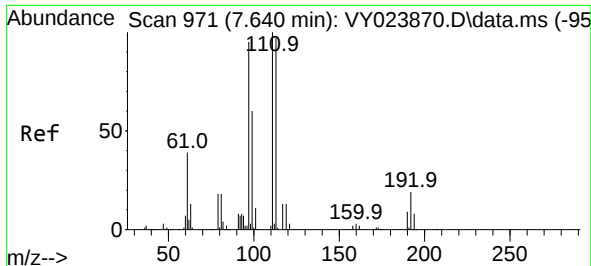
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

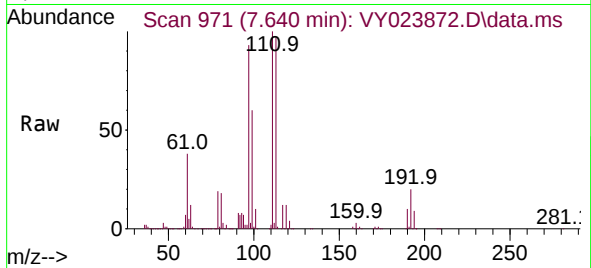
88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 151.227 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

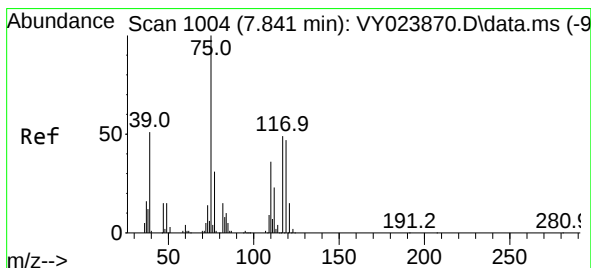
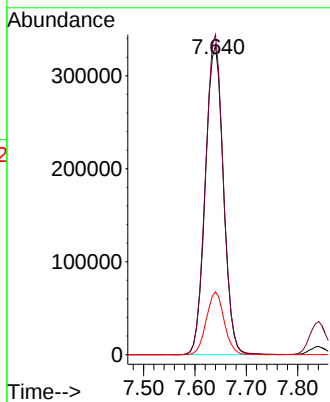
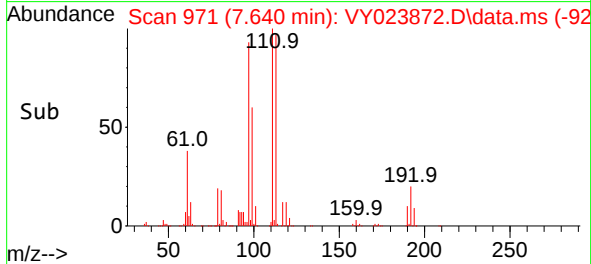
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



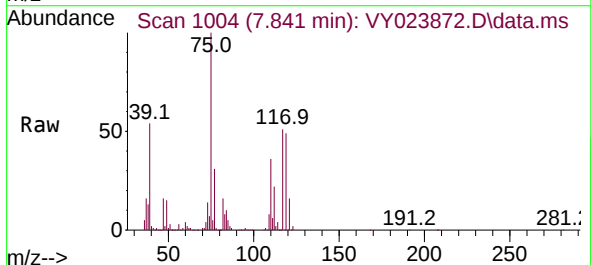
Tgt Ion: 113 Resp: 813510
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.0 15.8 23.8

Manual Integrations
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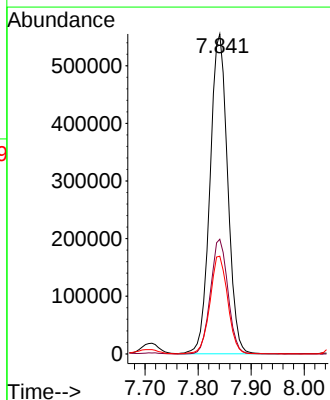
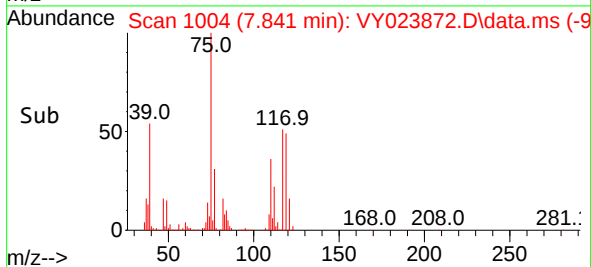
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

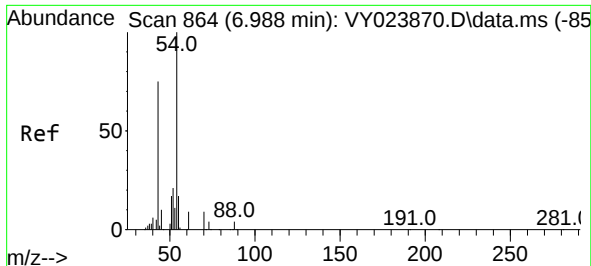


#36
1,1-Dichloropropene
Concen: 161.483 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



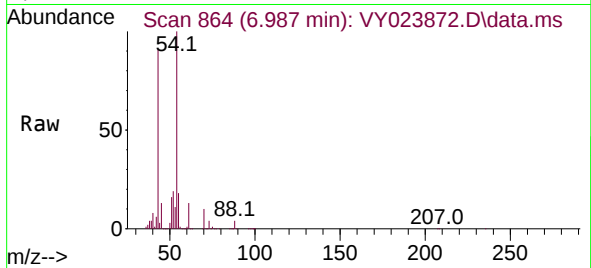
Tgt Ion: 75 Resp: 1280900
Ion Ratio Lower Upper
75 100
110 35.4 17.6 52.9
77 30.8 24.6 37.0





#37
Ethyl Acetate
Concen: 162.324 ug/l
RT: 6.987 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

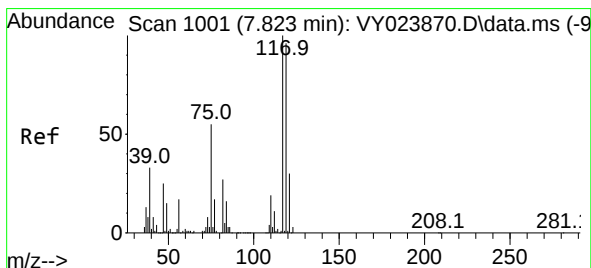
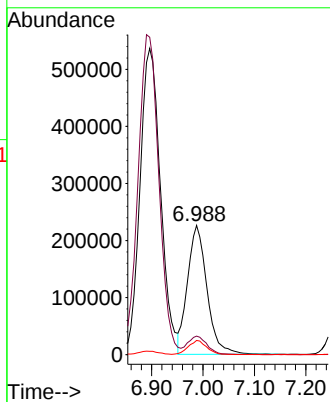
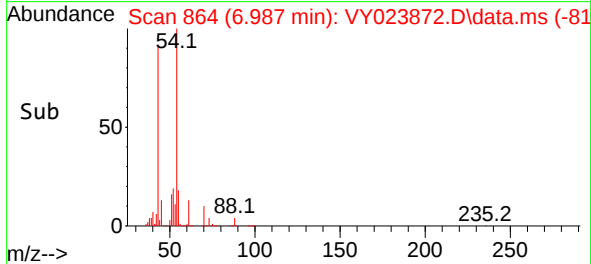
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



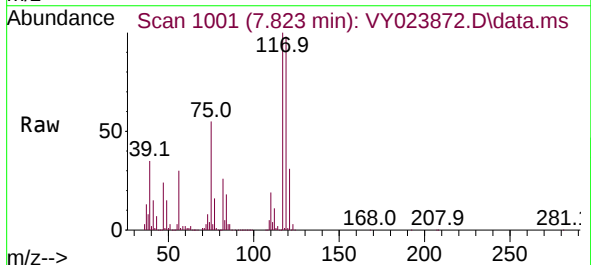
Tgt Ion: 43 Resp: 594564
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 10.4 8.1 12.1

Manual Integrations
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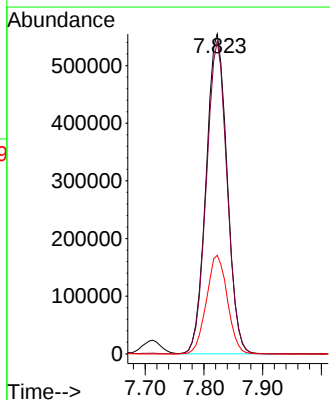
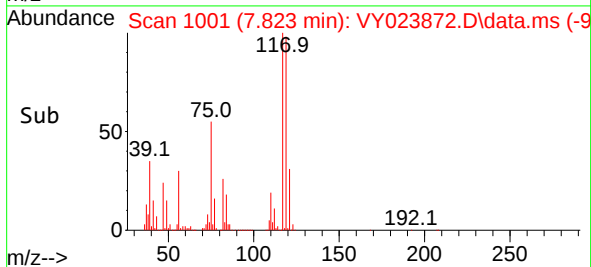
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

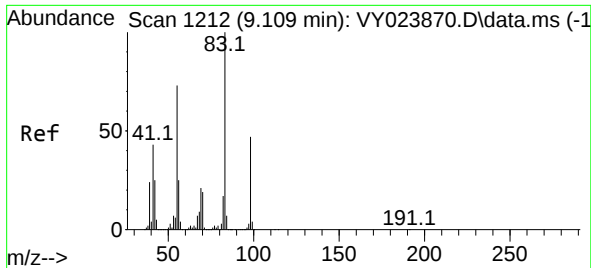


#38
Carbon Tetrachloride
Concen: 157.318 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



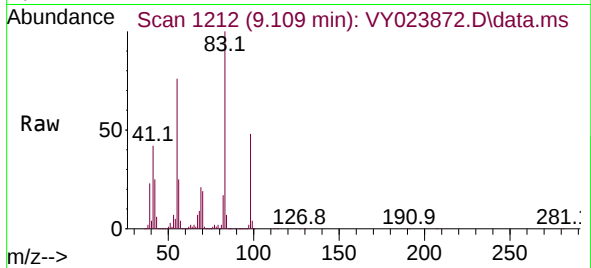
Tgt Ion:117 Resp: 1377236
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.6
121 30.8 23.9 35.9





#39
Methylcyclohexane
Concen: 171.667 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

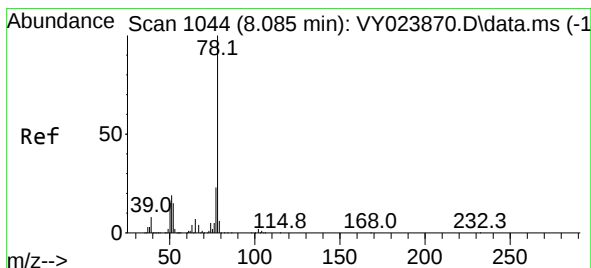
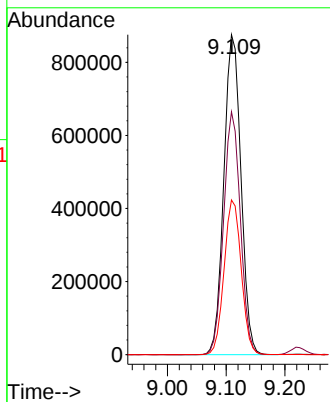
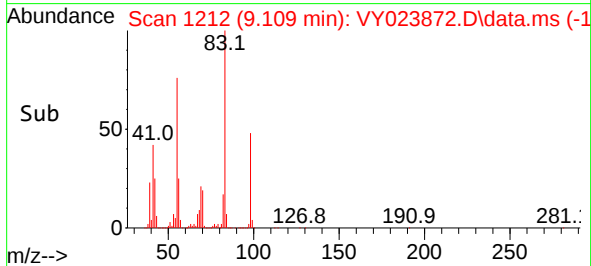
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 1772462
Ion Ratio Lower Upper
83 100
55 75.9 58.8 88.2
98 48.3 37.8 56.6

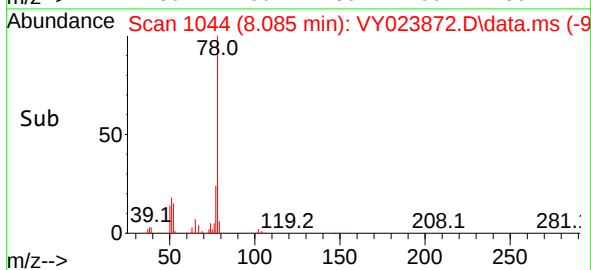
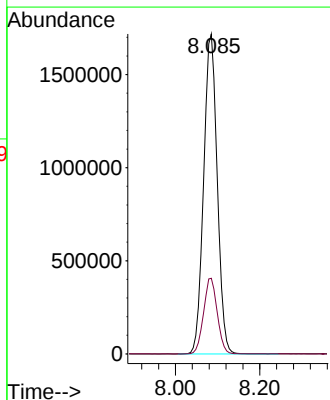
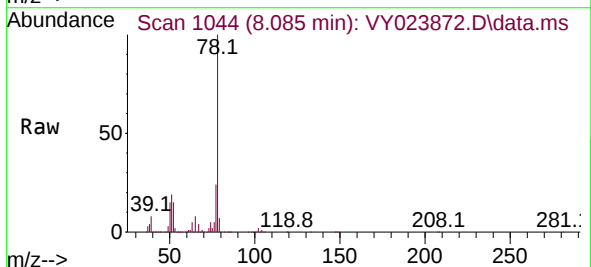
Manual Integrations
APPROVED

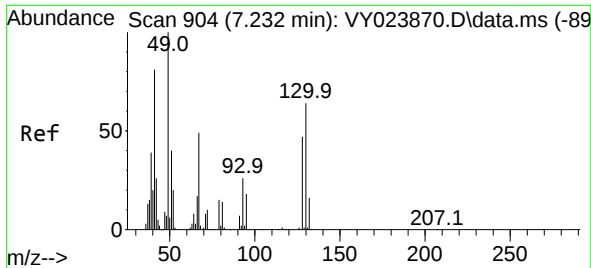
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#40
Benzene
Concen: 159.185 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

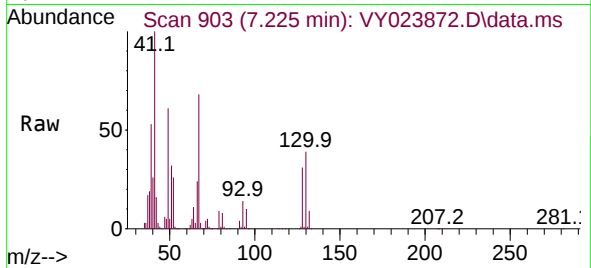
Tgt Ion: 78 Resp: 3816578
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0





#41
Methacrylonitrile
Concen: 146.634 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.007 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

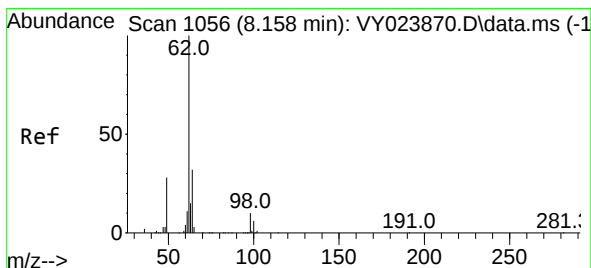
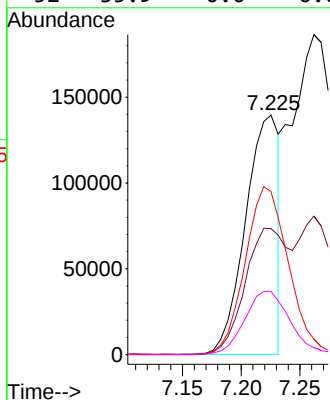
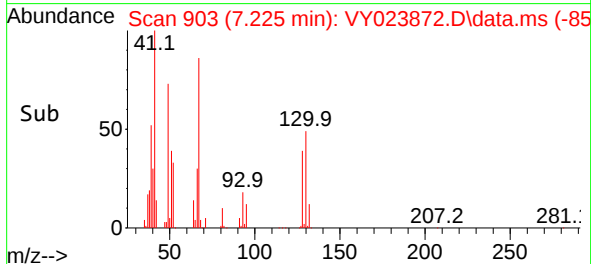
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 276918
Ion Ratio Lower Upper
41 100
39 70.0 49.4 74.2
67 91.2 0.0 0.0
52 35.9 0.0 0.0

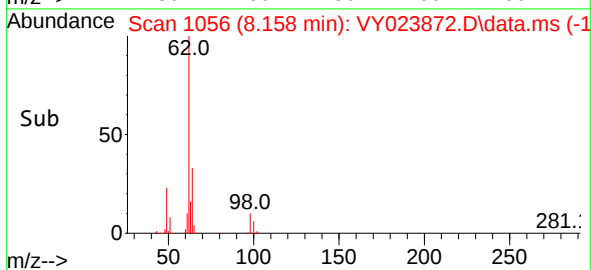
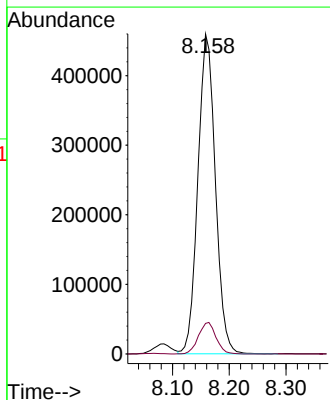
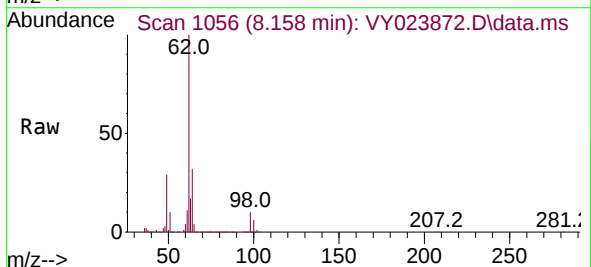
Manual Integrations
APPROVED

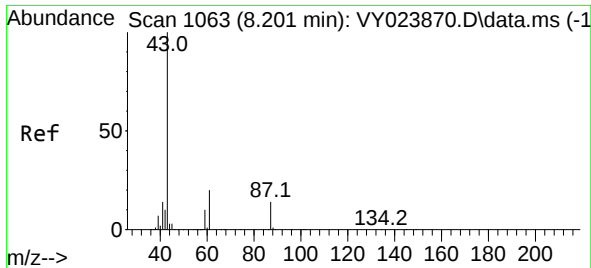
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 157.302 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Tgt Ion: 62 Resp: 984153
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2





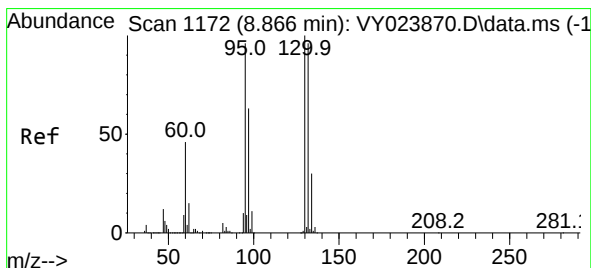
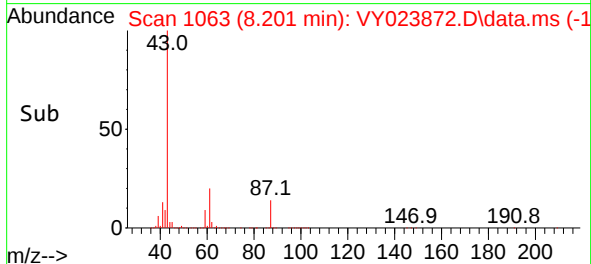
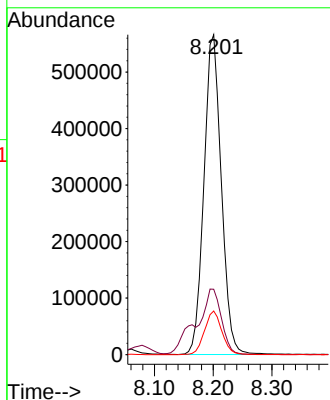
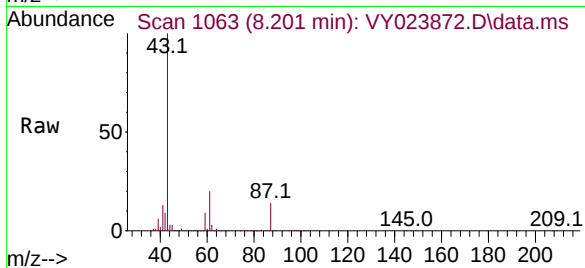
#43
Isopropyl Acetate
Concen: 169.806 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1163699
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 13.6 11.0 16.4

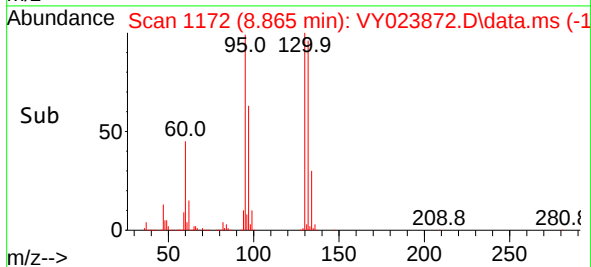
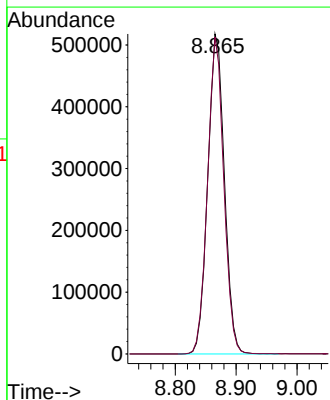
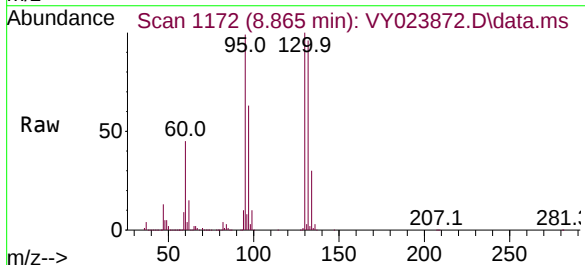
Manual Integrations
APPROVED

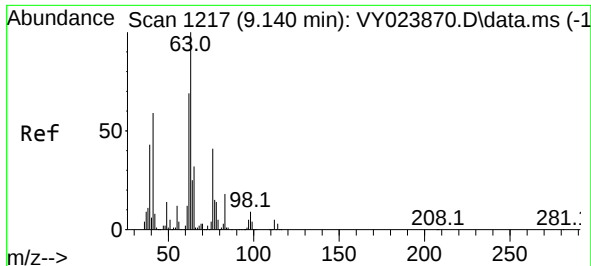
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 159.403 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

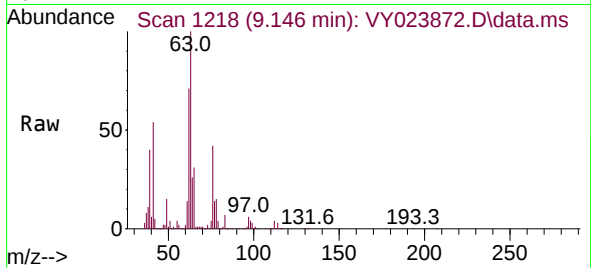
Tgt Ion:130 Resp: 983378
Ion Ratio Lower Upper
130 100
95 99.0 0.0 192.4





#45
1,2-Dichloropropane
Concen: 158.852 ug/l
RT: 9.146 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

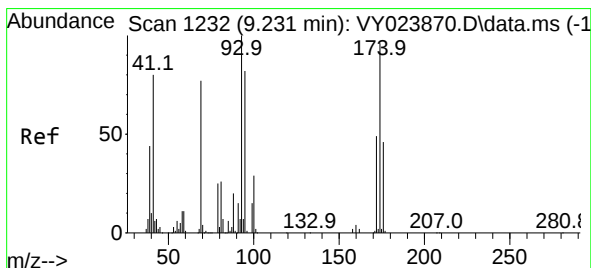
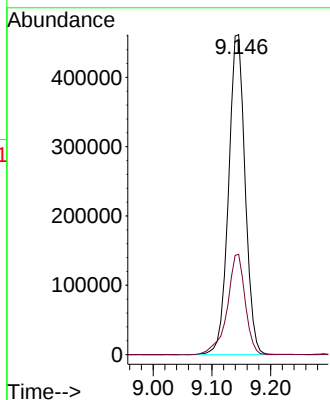
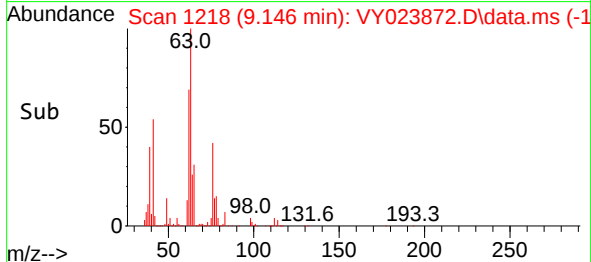
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 90178
Ion Ratio Lower Upper
63 100
65 31.3 25.6 38.4

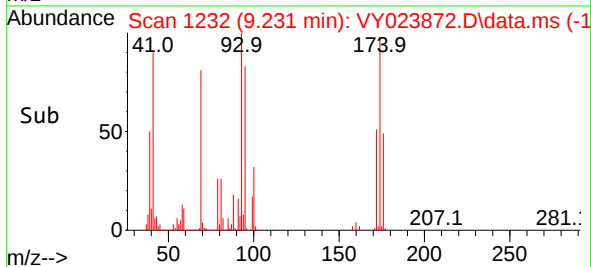
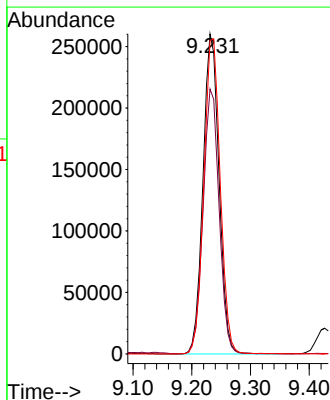
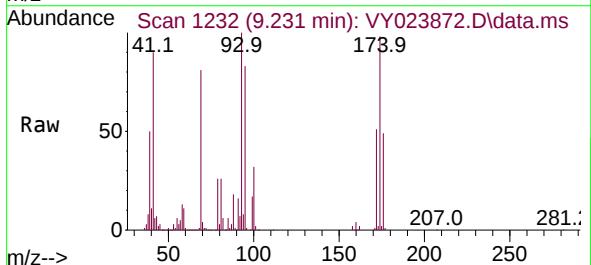
Manual Integrations
APPROVED

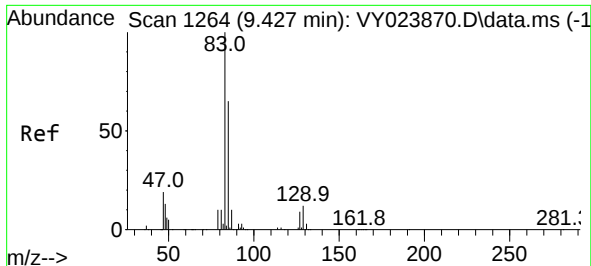
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#46
Dibromomethane
Concen: 160.372 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

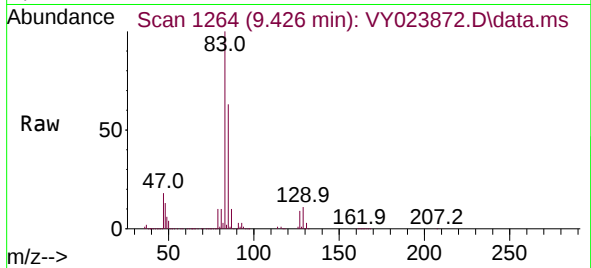
Tgt Ion: 93 Resp: 492887
Ion Ratio Lower Upper
93 100
95 82.7 66.4 99.6
174 100.6 81.4 122.0





#47
Bromodichloromethane
Concen: 158.071 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

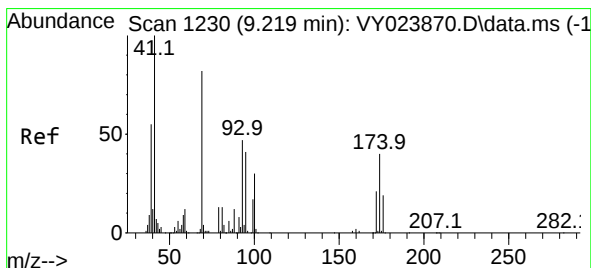
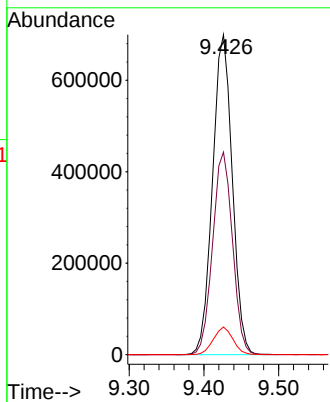
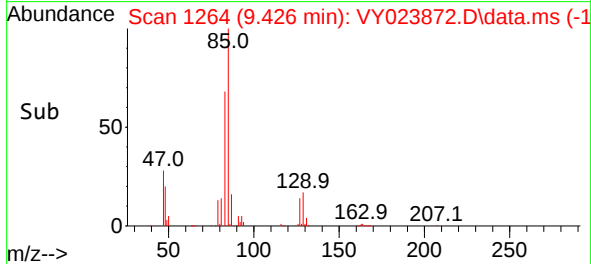
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



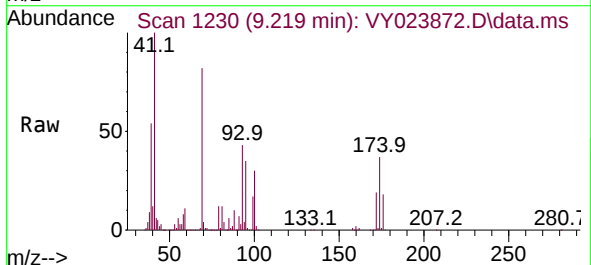
Tgt Ion: 83 Resp: 1281714
Ion Ratio Lower Upper
83 100
85 63.3 51.6 77.4
127 8.7 7.2 10.8

Manual Integrations
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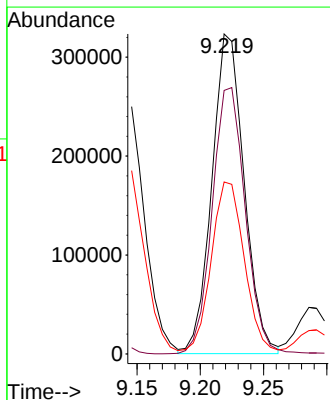
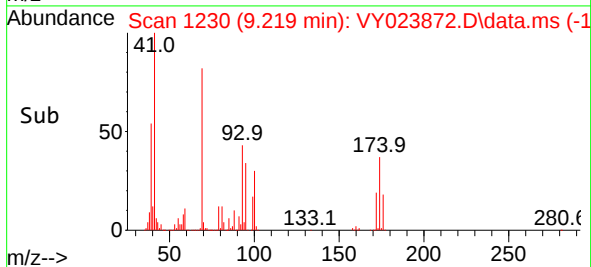
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

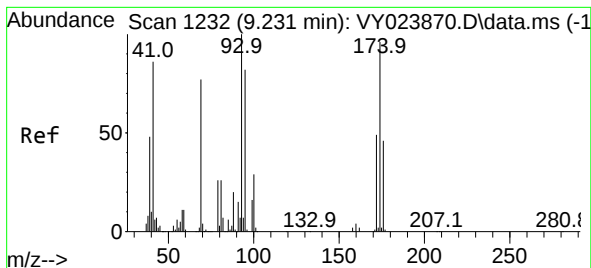


#48
Methyl methacrylate
Concen: 179.279 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



Tgt Ion: 41 Resp: 573982
Ion Ratio Lower Upper
41 100
69 85.5 67.7 101.5
39 53.3 43.4 65.0





#49

1,4-Dioxane

Concen: 3303.532 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 112893

Ion Ratio Lower Upper

88 100

43 32.8 26.8 40.2

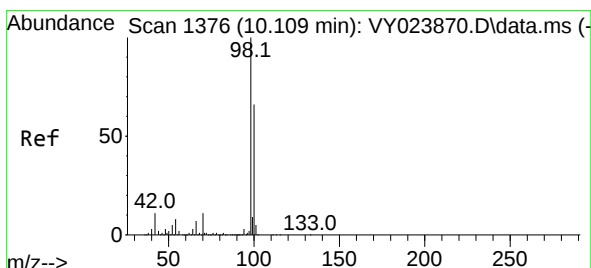
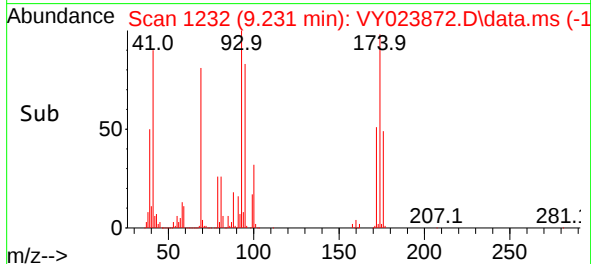
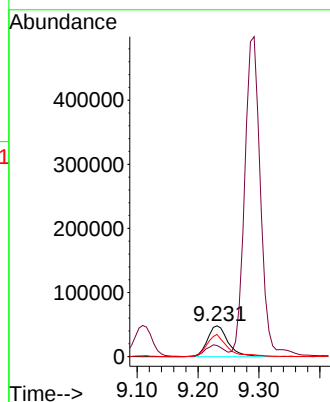
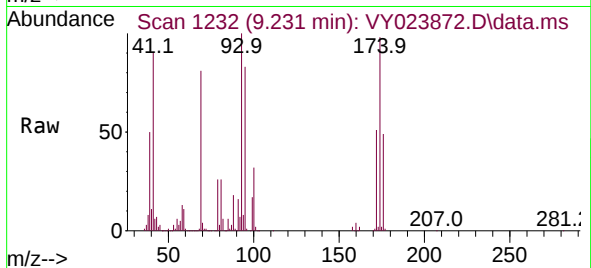
58 71.5 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 150.929 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023872.D

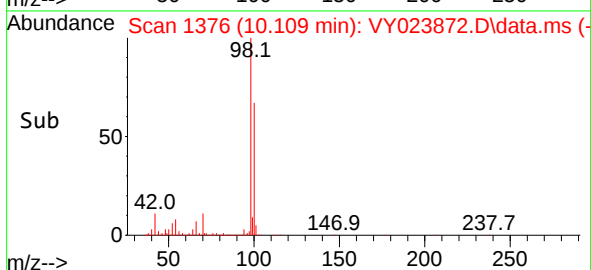
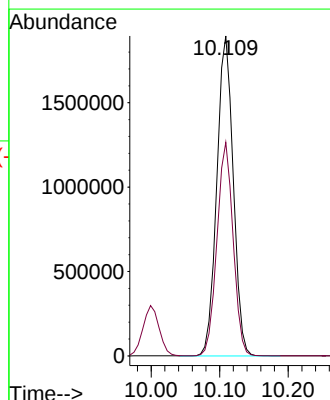
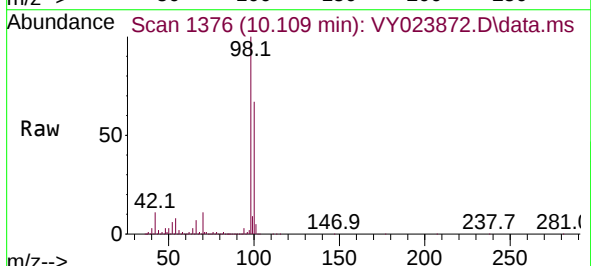
Acq: 03 Dec 2025 15:35

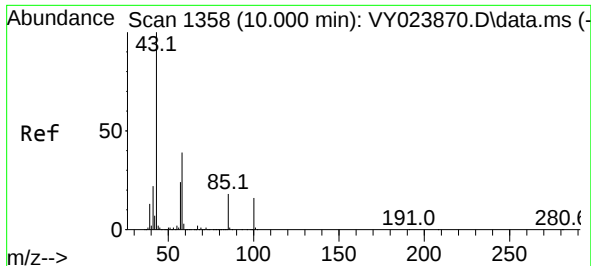
Tgt Ion: 98 Resp: 3159448

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





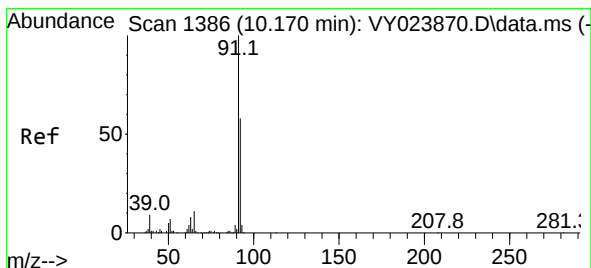
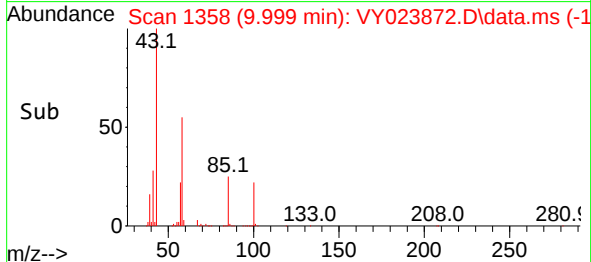
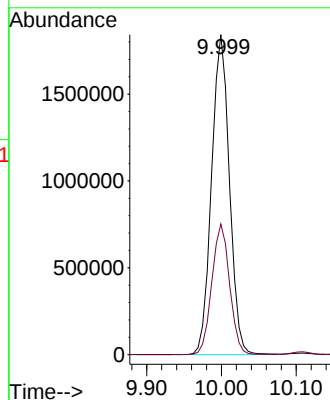
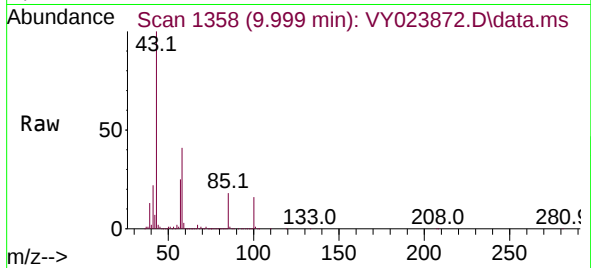
#51
4-Methyl-2-Pentanone
Concen: 847.158 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 3052838
Ion Ratio Lower Upper
43 100
58 40.6 31.8 47.8

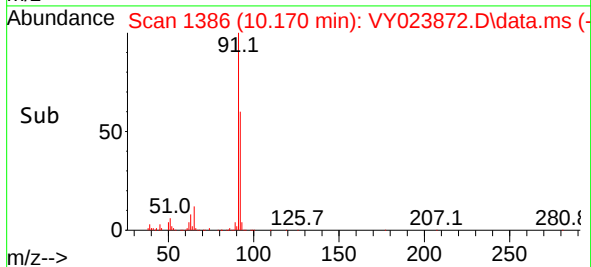
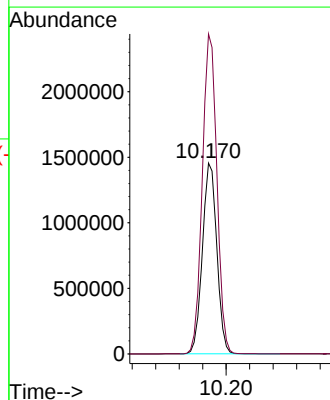
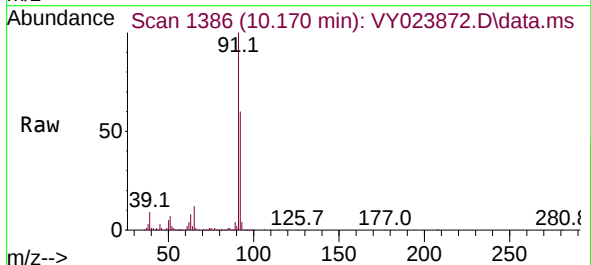
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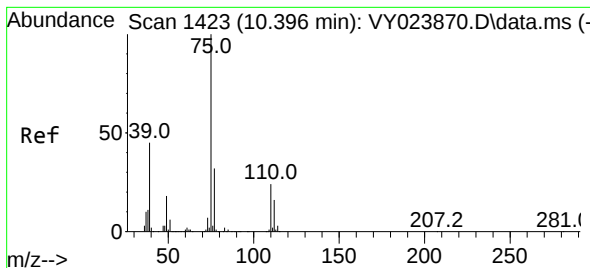
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 164.423 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Tgt Ion: 92 Resp: 2468676
Ion Ratio Lower Upper
92 100
91 169.8 137.3 205.9





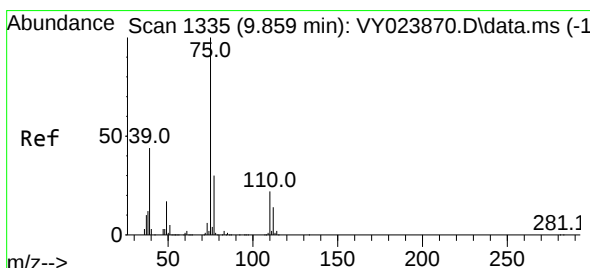
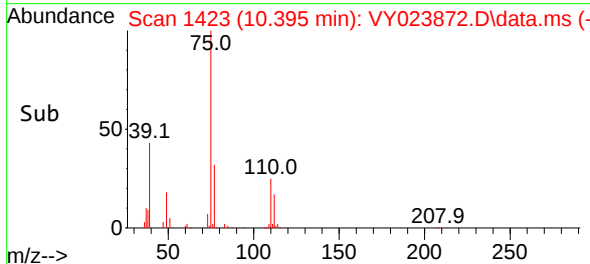
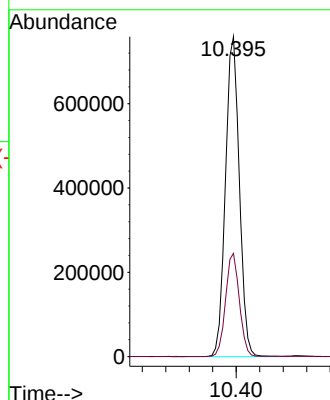
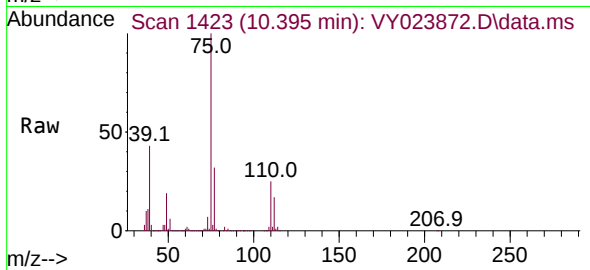
#53
t-1,3-Dichloropropene
Concen: 169.938 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 1243642
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0

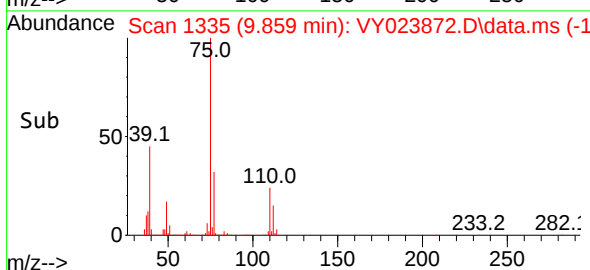
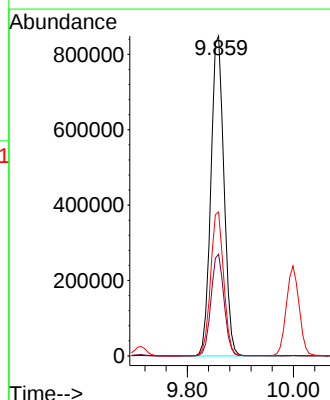
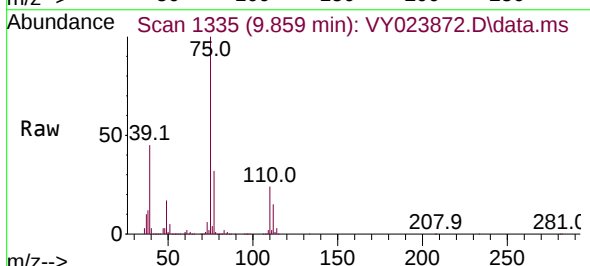
Manual Integrations
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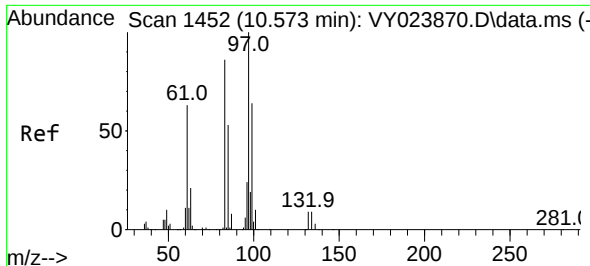
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 169.068 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

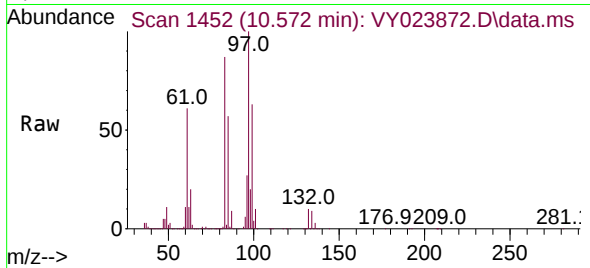
Tgt Ion: 75 Resp: 1456993
Ion Ratio Lower Upper
75 100
77 31.8 23.8 35.6
39 45.0 35.5 53.3





#55
1,1,2-Trichloroethane
Concen: 159.836 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

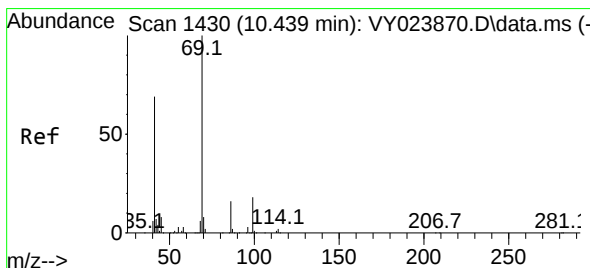
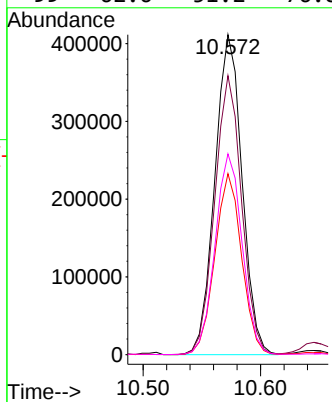
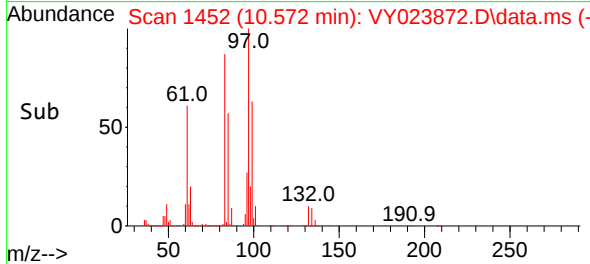


Tgt Ion: 97 Resp: 663115

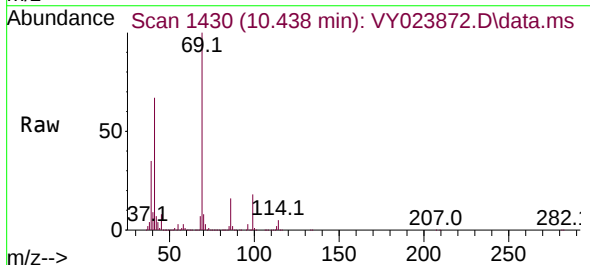
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.0	103.4
85	56.5	42.6	63.8
99	62.6	51.2	76.8

Manual Integrations
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Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

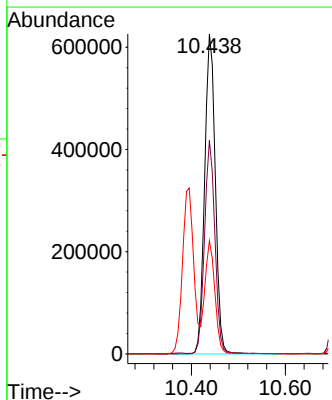
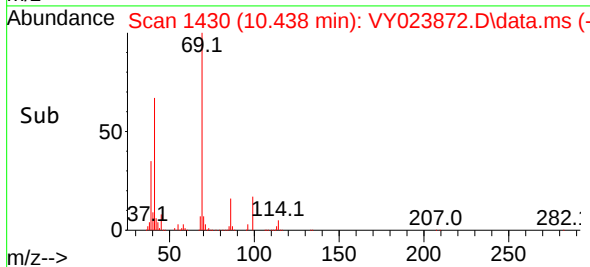


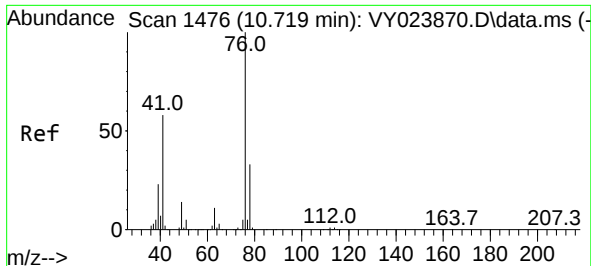
#56
Ethyl methacrylate
Concen: 153.027 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



Tgt Ion: 69 Resp: 983339

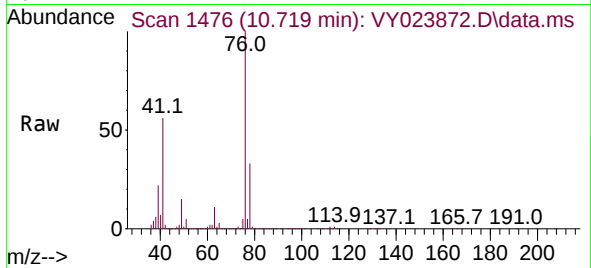
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.5	78.7
39	32.6	27.1	40.7





#57
1,3-Dichloropropane
Concen: 162.277 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

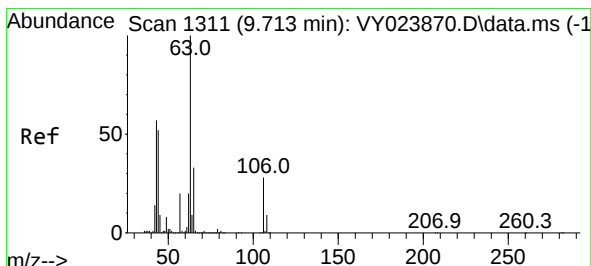
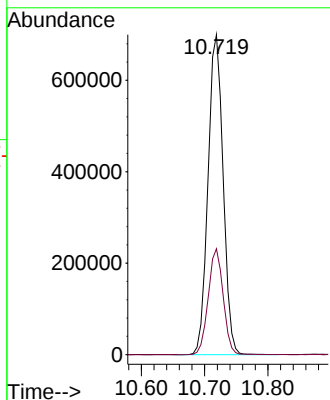
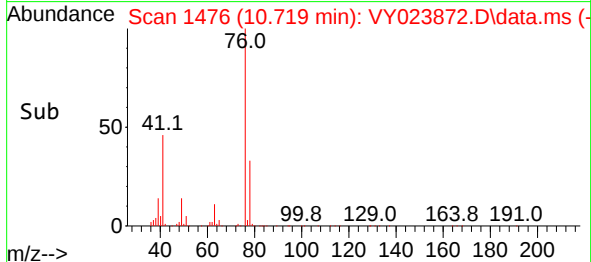
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 1159589
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

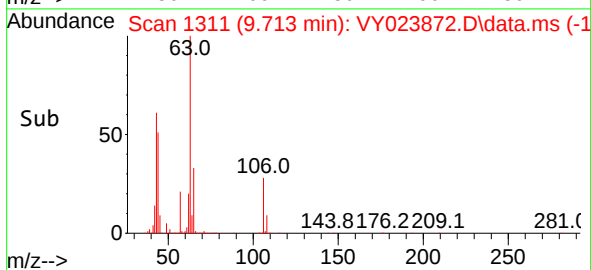
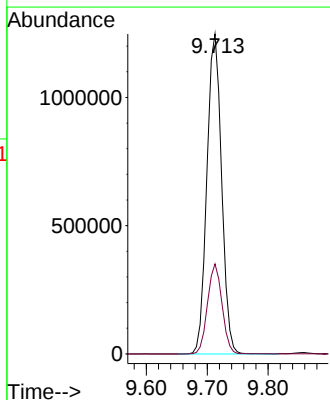
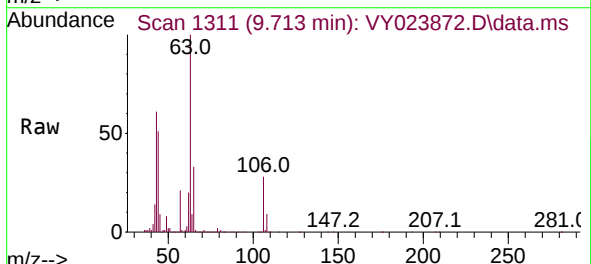
Manual Integrations
APPROVED

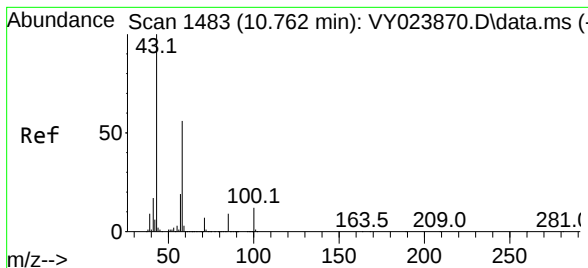
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 760.461 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

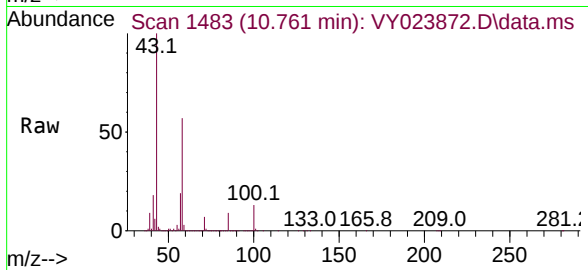
Tgt Ion: 63 Resp: 2086927
Ion Ratio Lower Upper
63 100
106 27.7 22.5 33.7





#59
2-Hexanone
Concen: 830.621 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

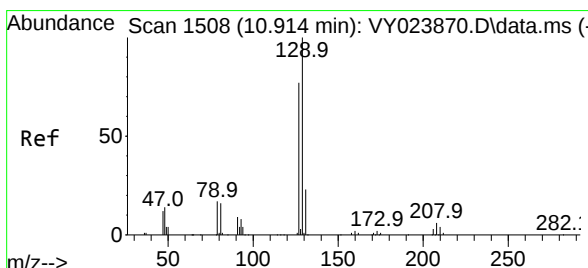
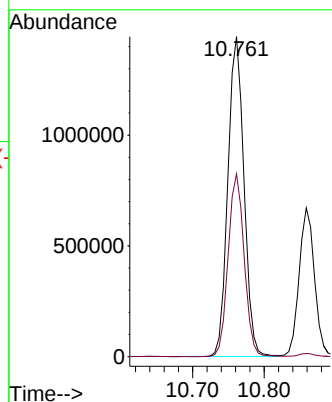
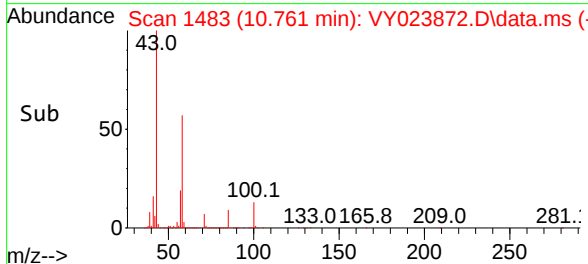
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



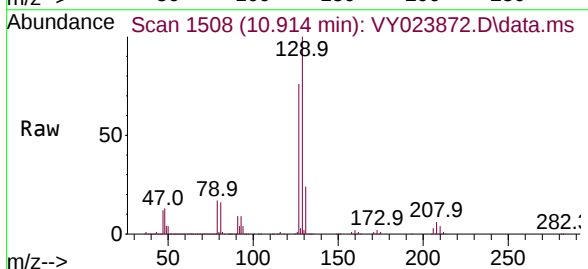
Tgt Ion: 43 Resp: 2257507
Ion Ratio Lower Upper
43 100
58 56.8 27.7 83.1

Manual Integrations
APPROVED

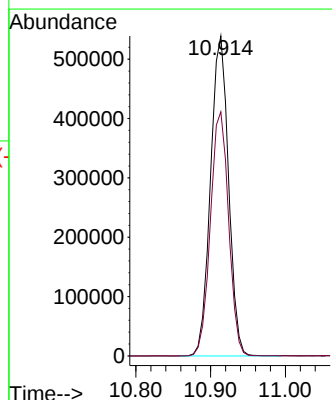
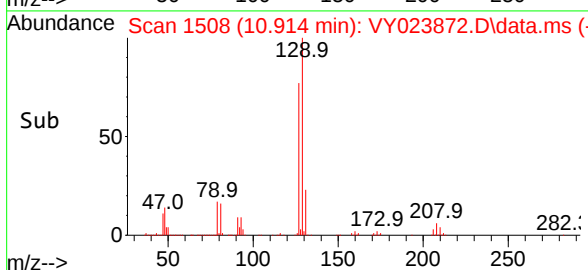
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

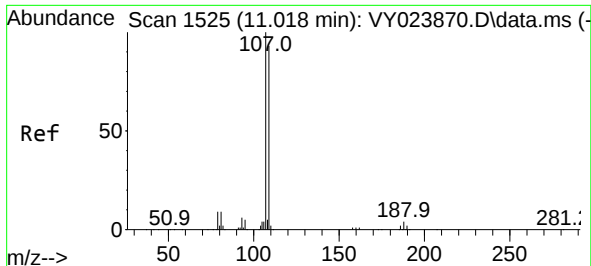


#60
Dibromochloromethane
Concen: 161.860 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



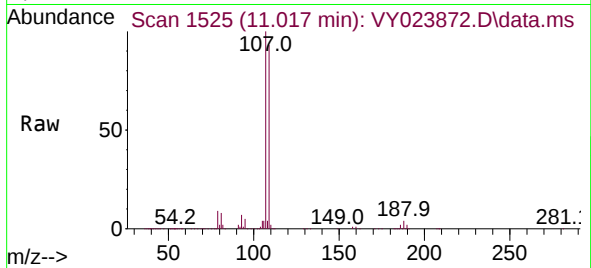
Tgt Ion:129 Resp: 900437
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.0





#61
1,2-Dibromoethane
Concen: 165.028 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

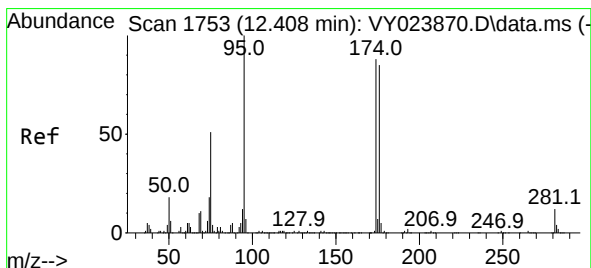
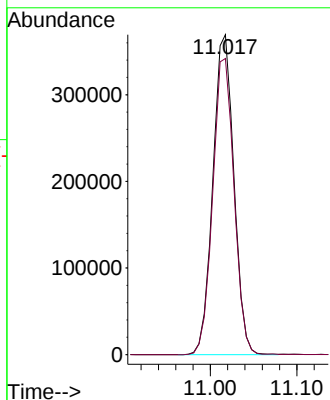
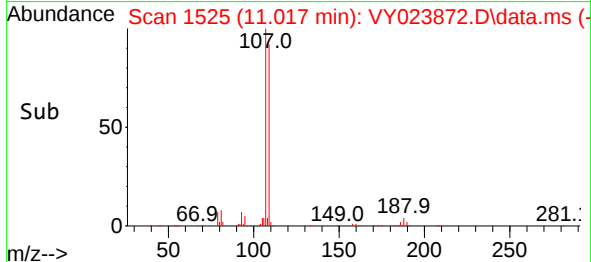
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



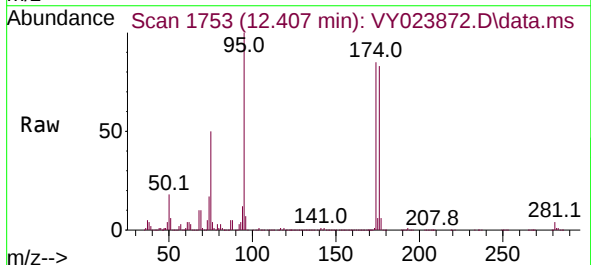
Tgt Ion:107 Resp: 623960
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0

Manual Integrations
APPROVED

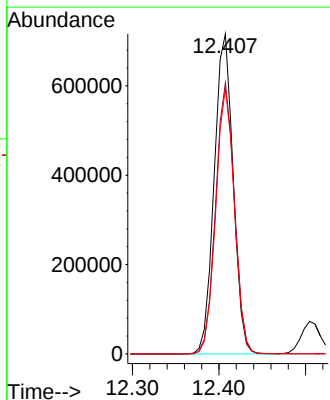
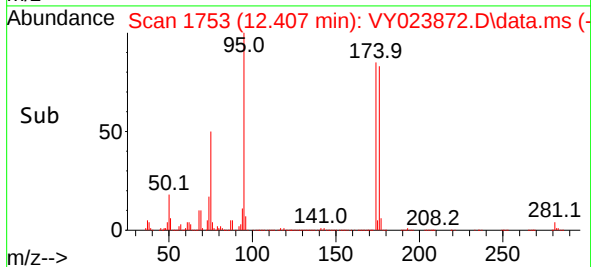
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

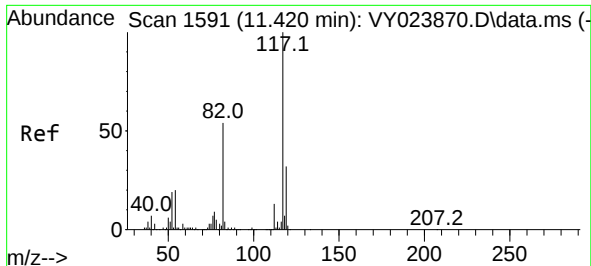


#62
4-Bromofluorobenzene
Concen: 152.138 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



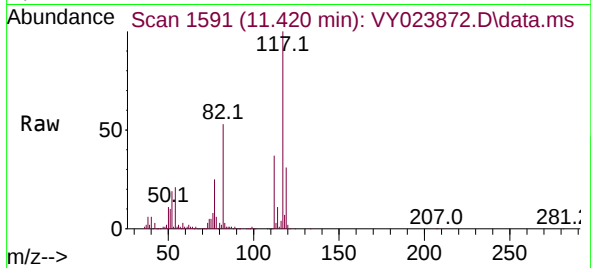
Tgt Ion: 95 Resp: 1086257
Ion Ratio Lower Upper
95 100
174 84.4 0.0 169.6
176 81.6 0.0 164.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

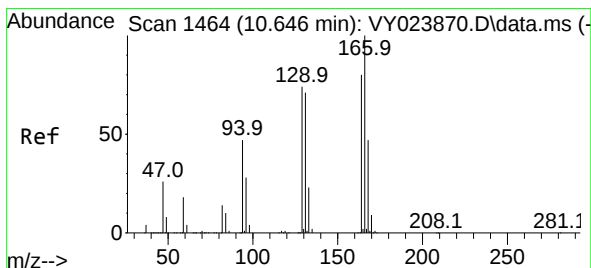
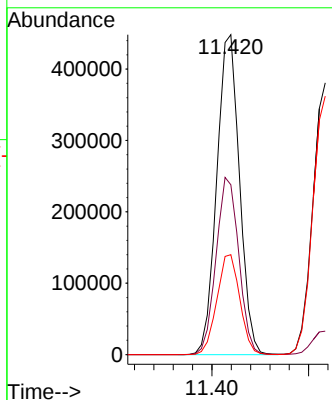
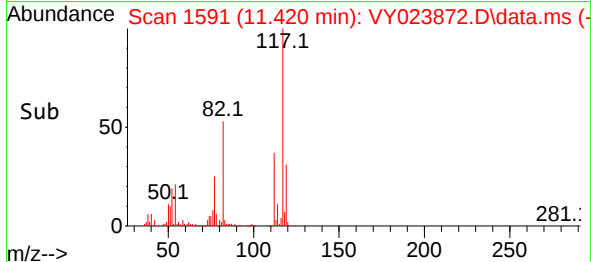
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 733022
Ion Ratio Lower Upper
117 100
82 53.0 43.1 64.7
119 31.2 26.0 39.0

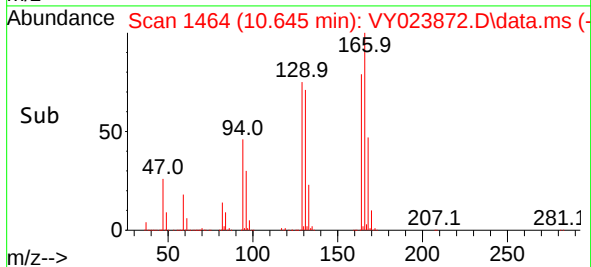
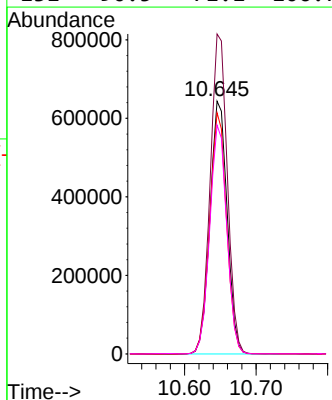
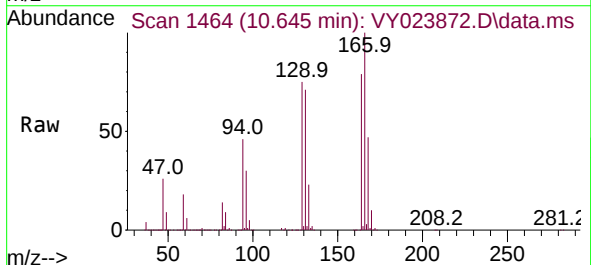
Manual Integrations
APPROVED

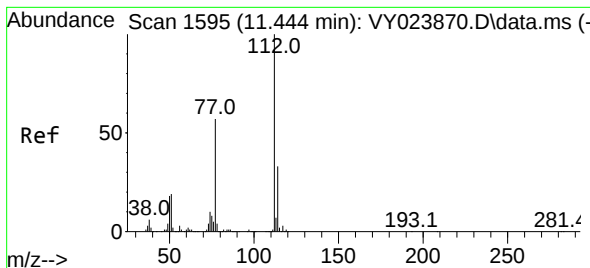
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 149.720 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

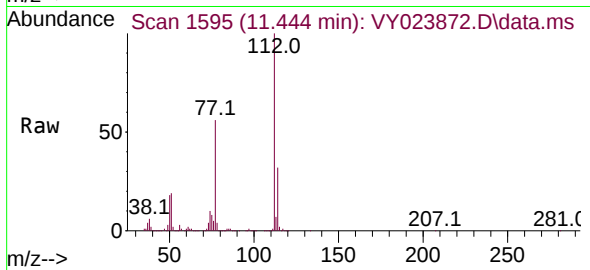
Tgt Ion:164 Resp: 1073993
Ion Ratio Lower Upper
164 100
166 126.6 100.2 150.4
129 95.4 74.4 111.6
131 90.5 71.1 106.7





#65
Chlorobenzene
Concen: 158.625 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

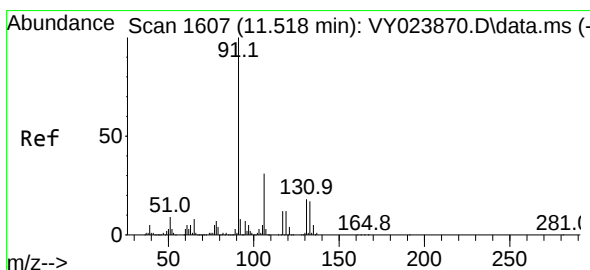
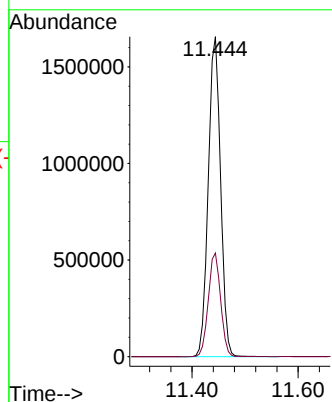
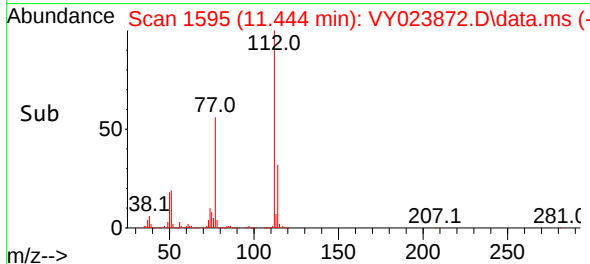
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



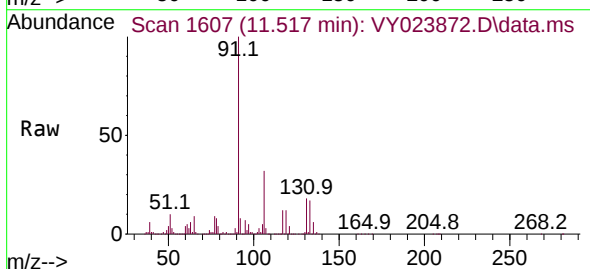
Tgt Ion:112 Resp: 2653945
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

Manual Integrations
APPROVED

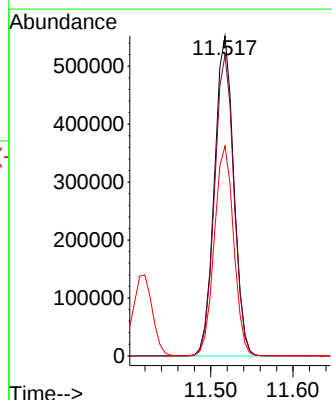
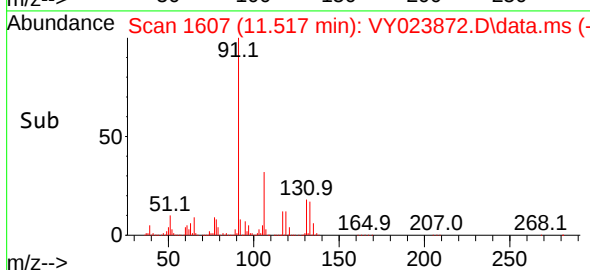
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

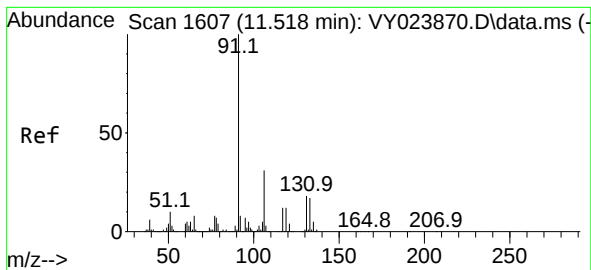


#66
1,1,1,2-Tetrachloroethane
Concen: 157.658 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



Tgt Ion:131 Resp: 899977
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 65.8 32.5 97.4





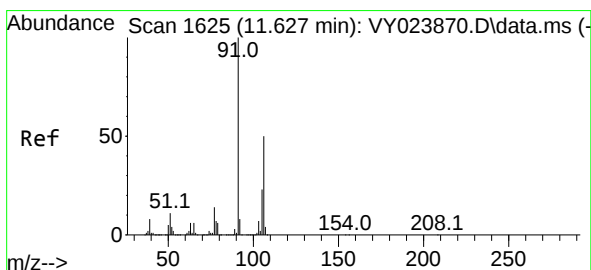
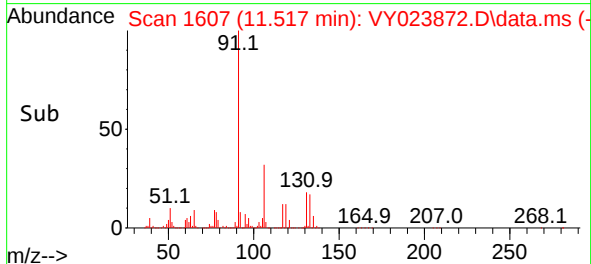
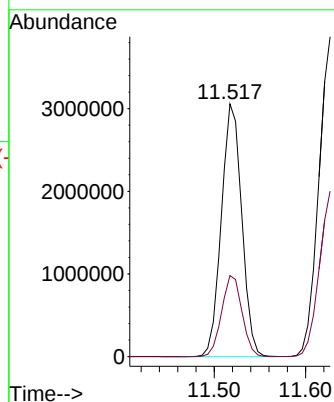
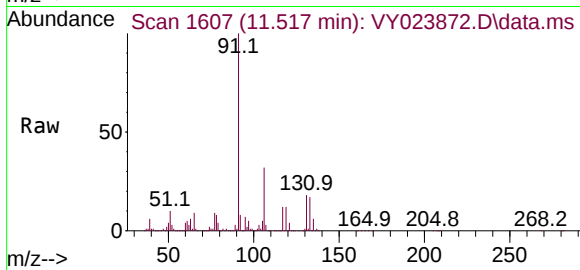
#67
Ethyl Benzene
Concen: 163.704 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 4735004
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6

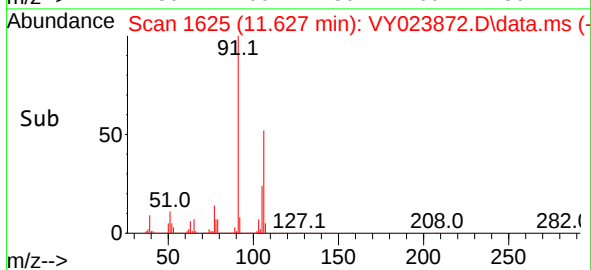
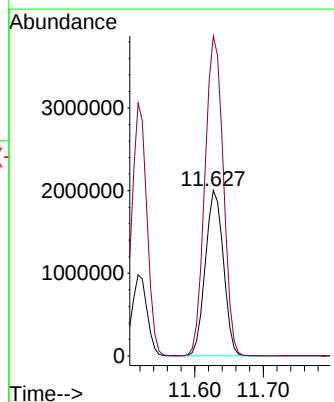
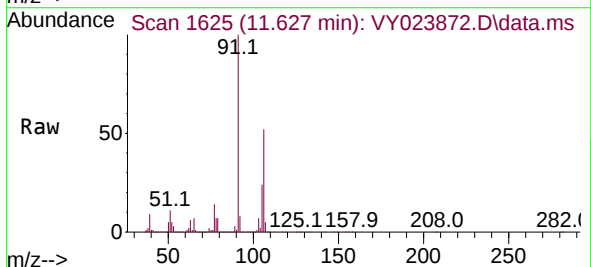
Manual Integrations
APPROVED

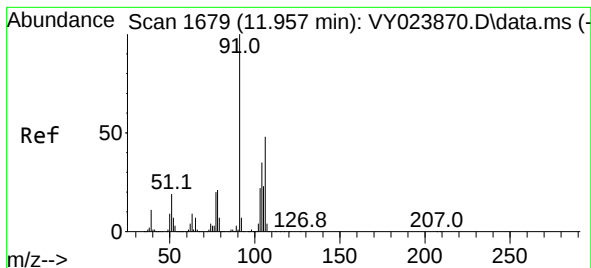
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#68
m/p-Xylenes
Concen: 331.330 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

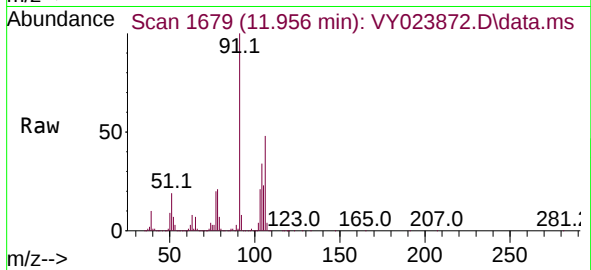
Tgt Ion:106 Resp: 3662998
Ion Ratio Lower Upper
106 100
91 196.6 159.7 239.5





#69
o-Xylene
Concen: 169.408 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

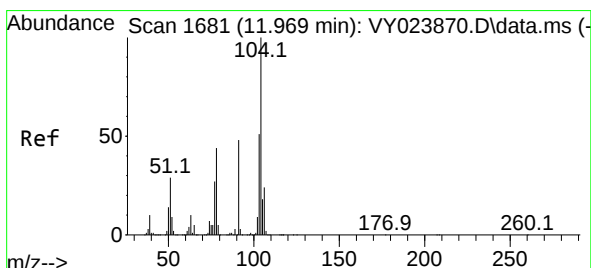
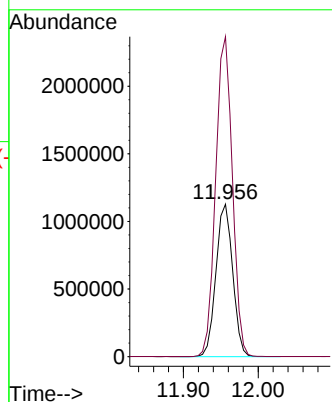
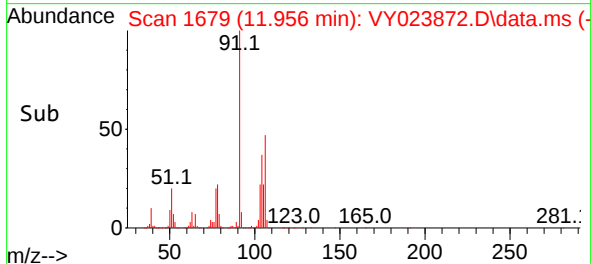
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



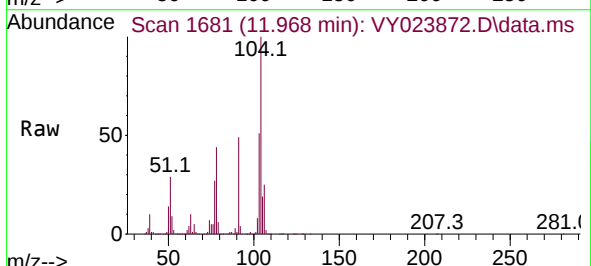
Tgt Ion:106 Resp: 1751753
Ion Ratio Lower Upper
106 100
91 209.8 104.4 313.1

Manual Integrations
APPROVED

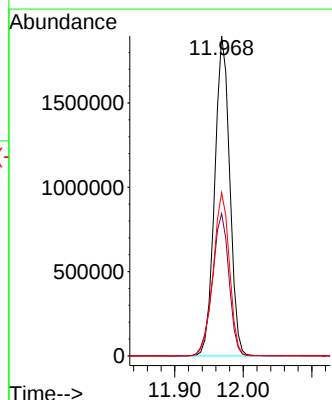
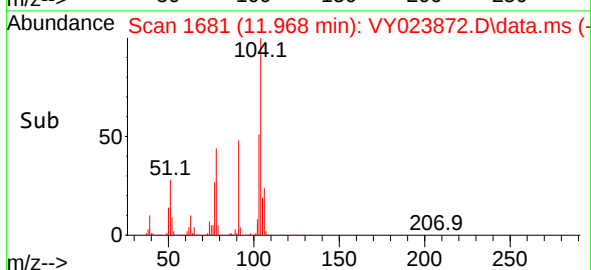
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

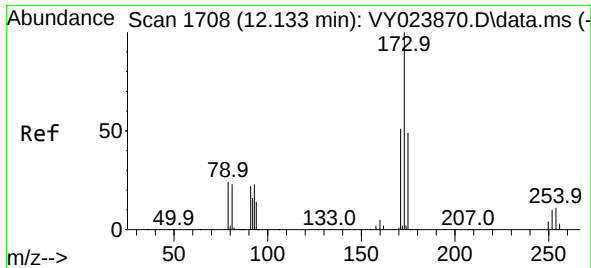


#70
Styrene
Concen: 170.022 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



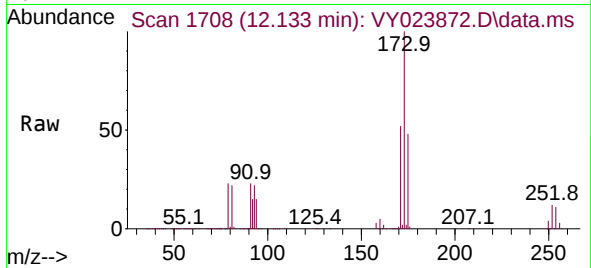
Tgt Ion:104 Resp: 2898141
Ion Ratio Lower Upper
104 100
78 49.0 38.8 58.2
103 54.9 43.9 65.9





#71
Bromoform
Concen: 164.976 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

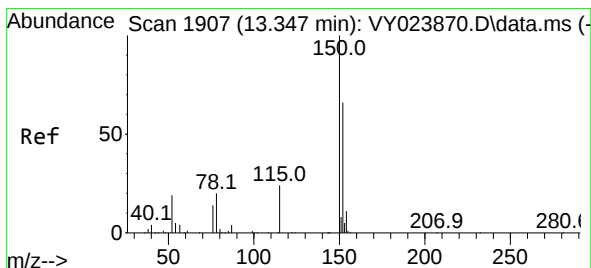
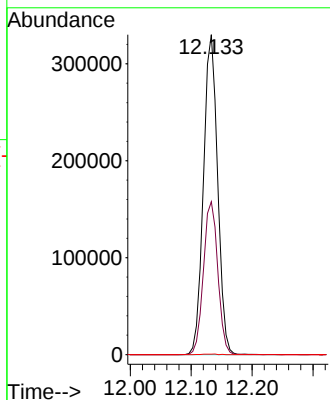
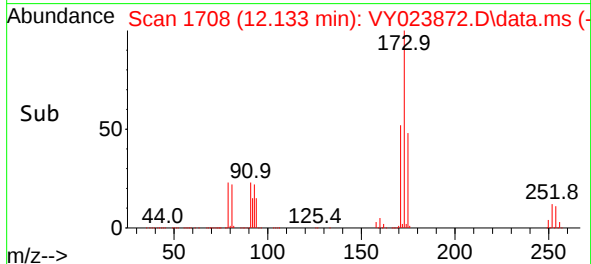
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



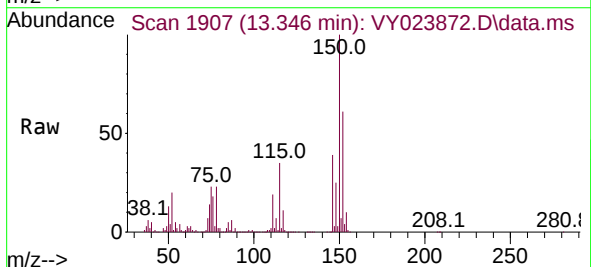
Tgt Ion:173 Resp: 532116
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.2 0.2 0.2

Manual Integrations
APPROVED

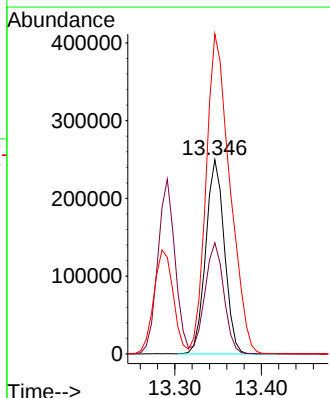
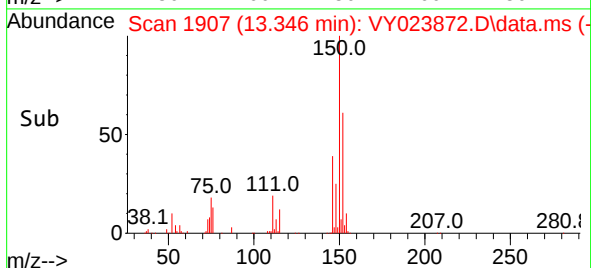
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

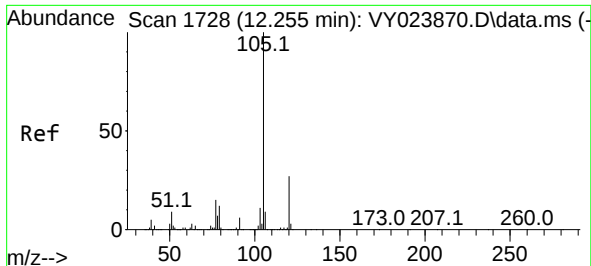


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



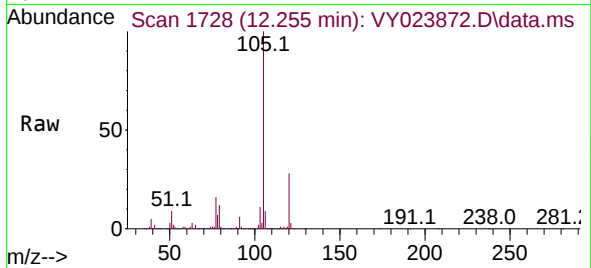
Tgt Ion:152 Resp: 373937
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.4
150 210.2 0.0 352.2





#73
Isopropylbenzene
Concen: 166.785 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

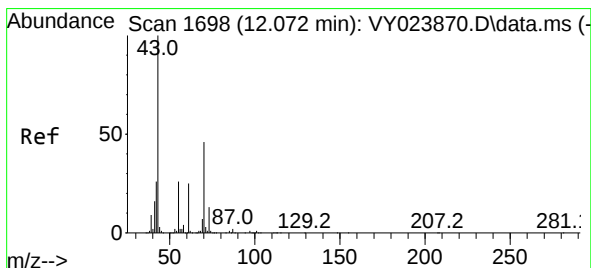
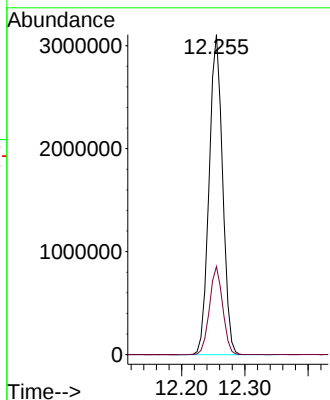
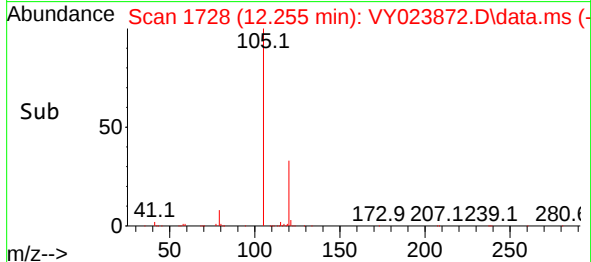
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



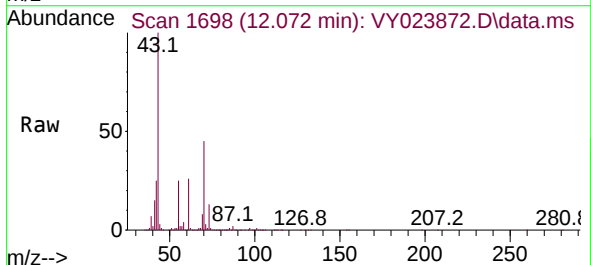
Tgt Ion:105 Resp: 4595007
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

Manual Integrations
APPROVED

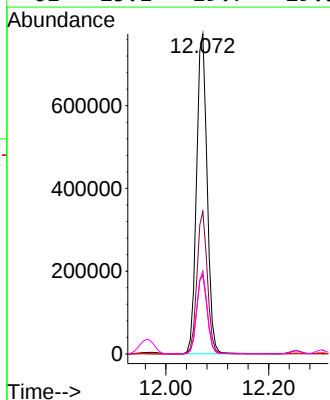
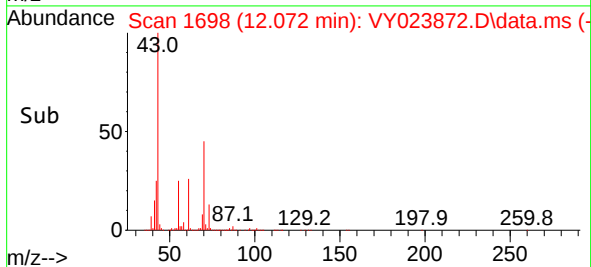
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

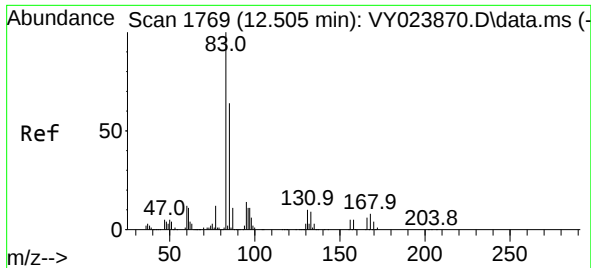


#74
N-ethyl acetate
Concen: 184.688 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



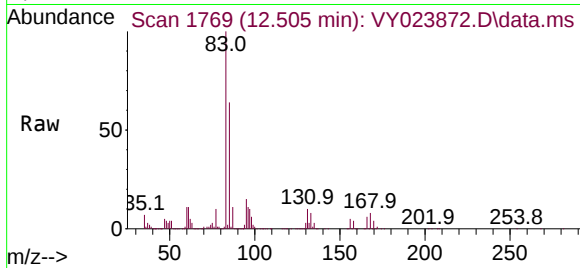
Tgt Ion: 43 Resp: 1102752
Ion Ratio Lower Upper
43 100
70 43.9 35.5 53.3
55 24.9 21.1 31.7
61 25.1 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 164.599 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

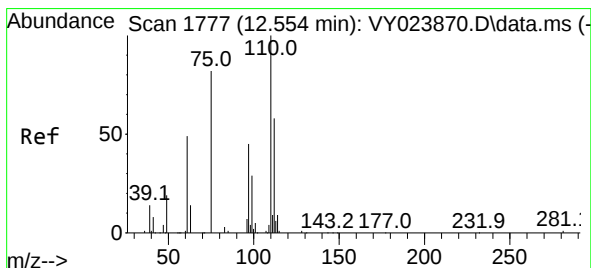
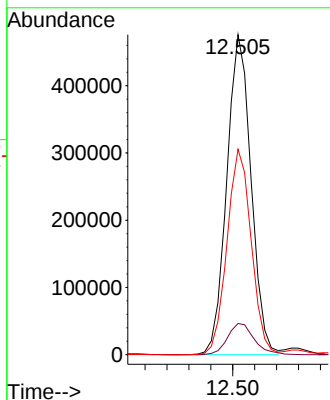
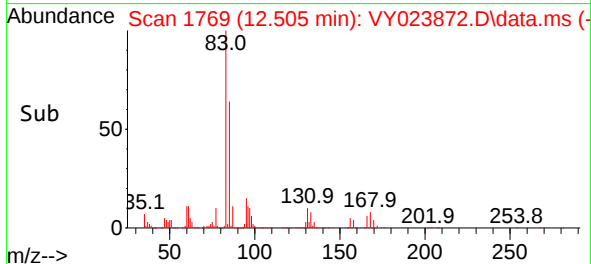
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 731655
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 64.1 31.9 95.7

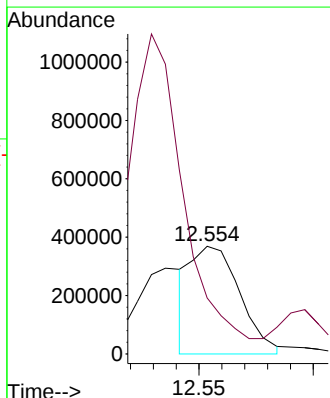
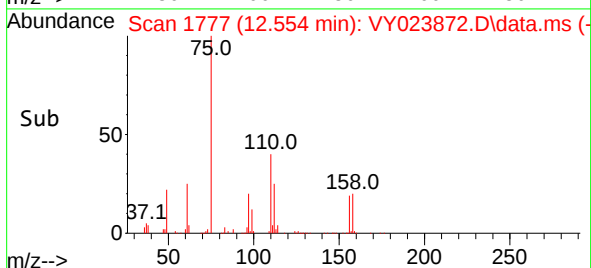
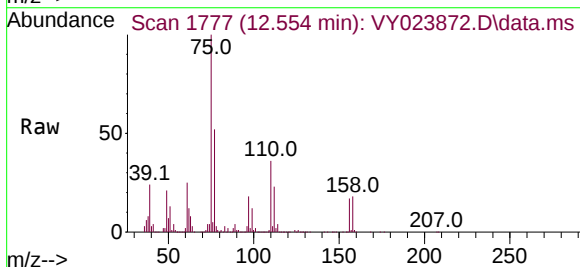
Manual Integrations
APPROVED

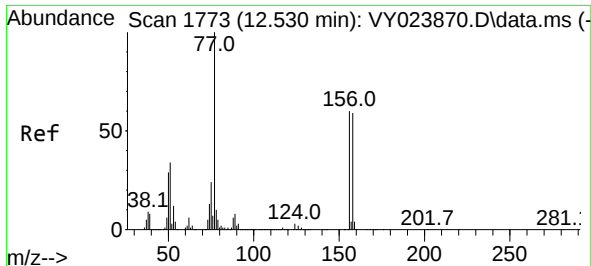
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#76
1,2,3-Trichloropropane
Concen: 148.558 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

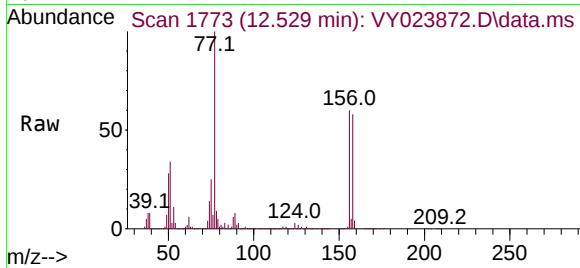
Tgt Ion: 75 Resp: 550722
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 161.662 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

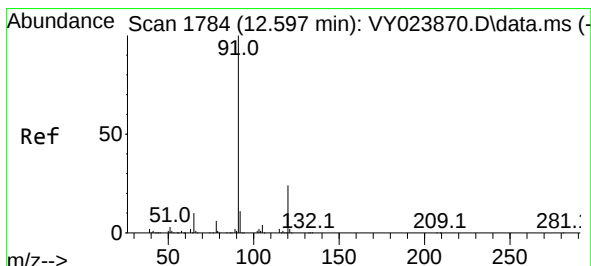
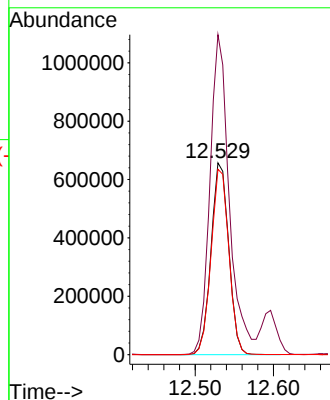
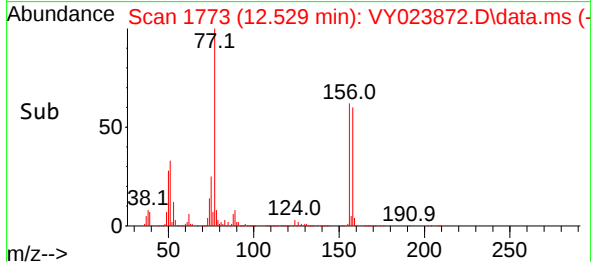
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



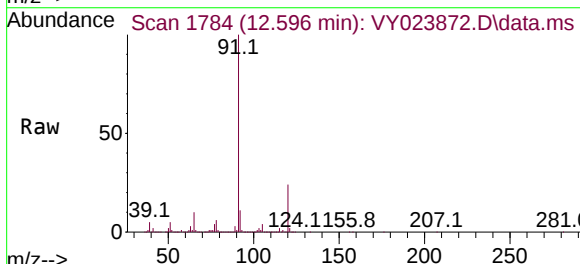
Tgt Ion:156 Resp: 1034389
Ion Ratio Lower Upper
156 100
77 182.4 89.6 268.9
158 97.0 48.6 145.8

Manual Integrations
APPROVED

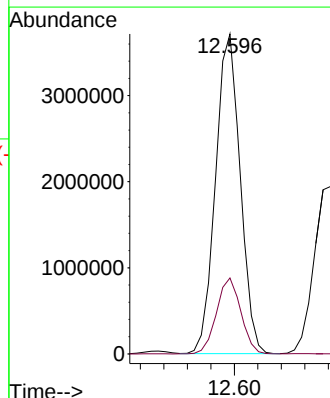
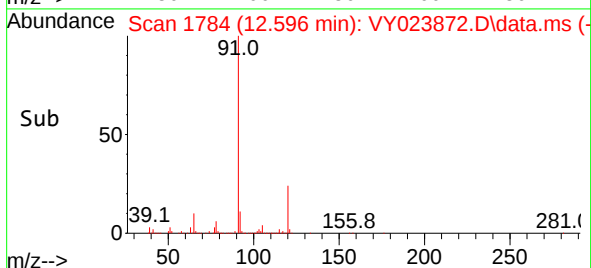
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

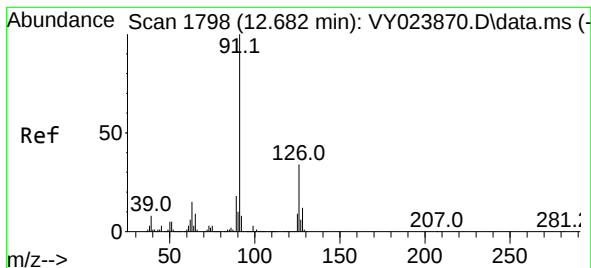


#78
n-propylbenzene
Concen: 162.699 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



Tgt Ion: 91 Resp: 5408902
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5





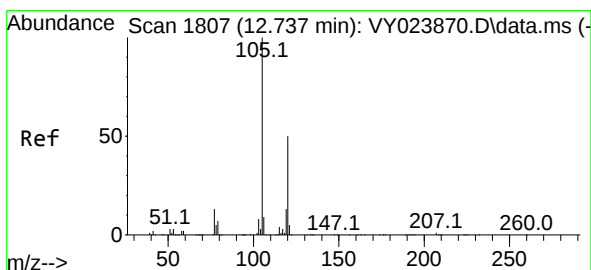
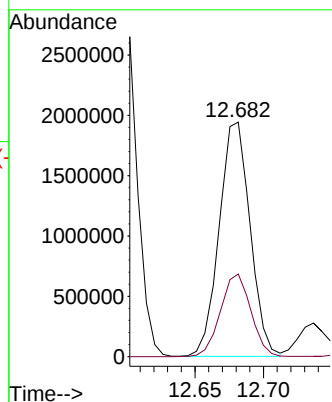
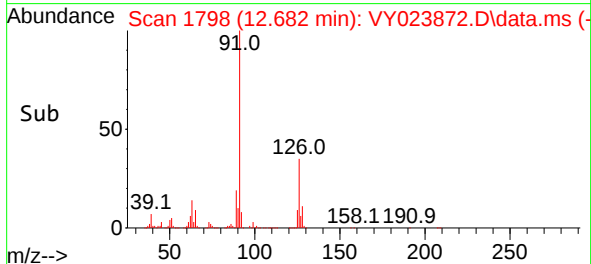
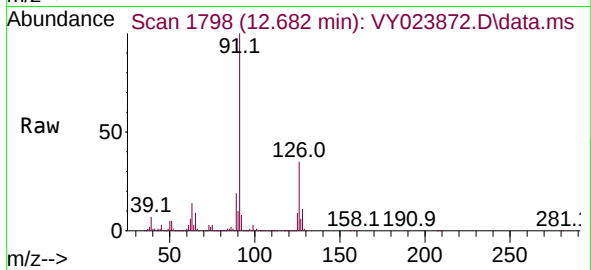
#79
2-Chlorotoluene
Concen: 161.589 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 305091
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

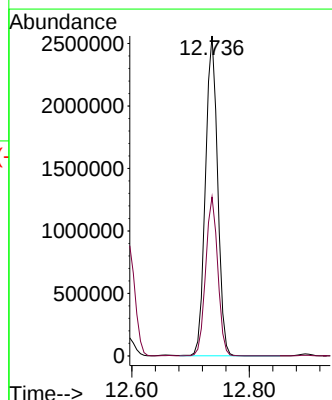
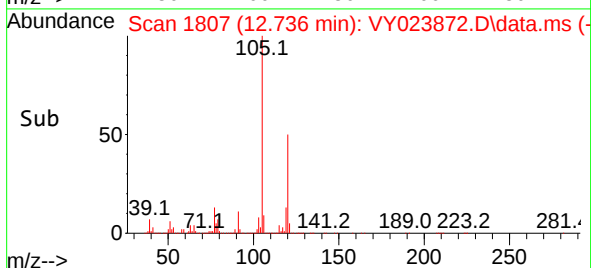
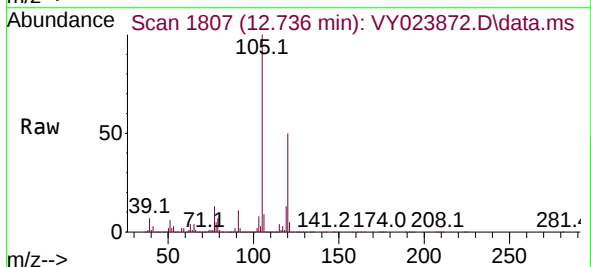
Manual Integrations
APPROVED

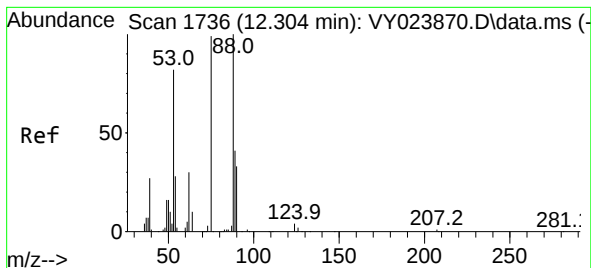
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 164.117 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

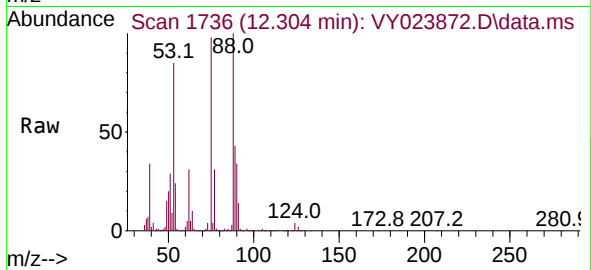
Tgt Ion:105 Resp: 3673892
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 175.188 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

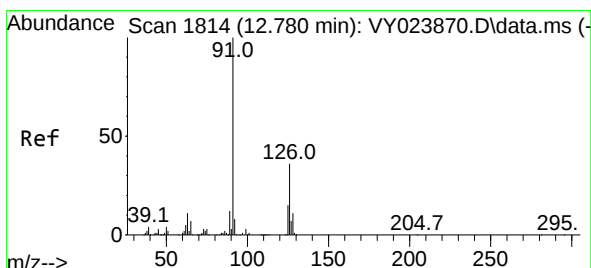
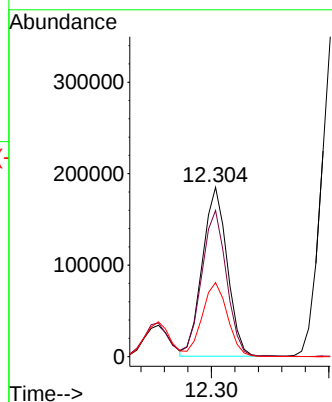
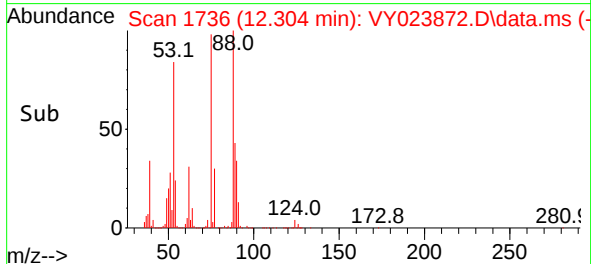
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 271155
Ion Ratio Lower Upper
75 100
53 86.7 71.1 106.7
89 44.2 36.3 54.5

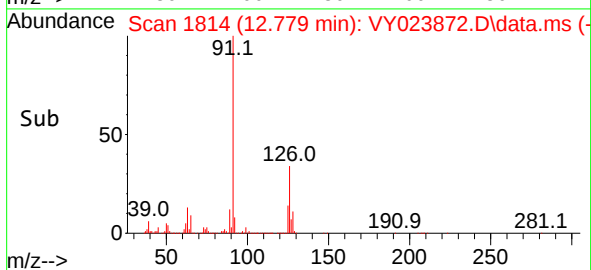
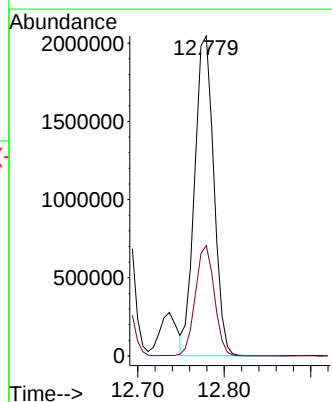
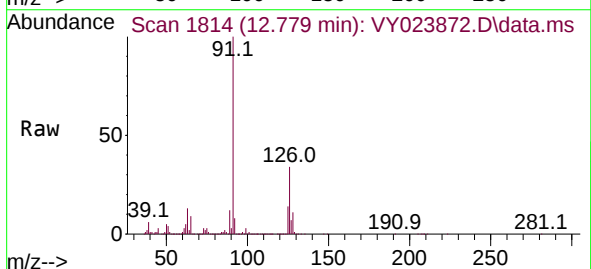
Manual Integrations
APPROVED

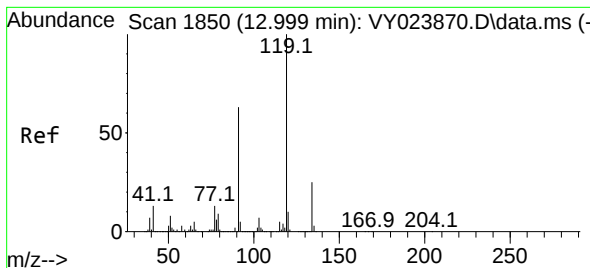
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 160.716 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

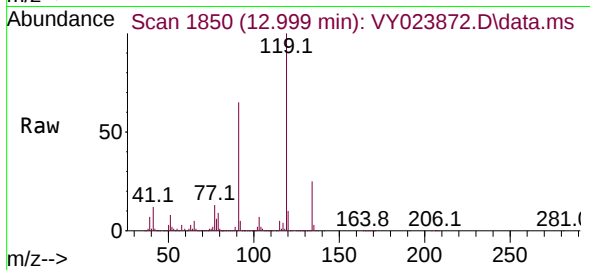
Tgt Ion: 91 Resp: 3145945
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83
tert-Butylbenzene
Concen: 166.095 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

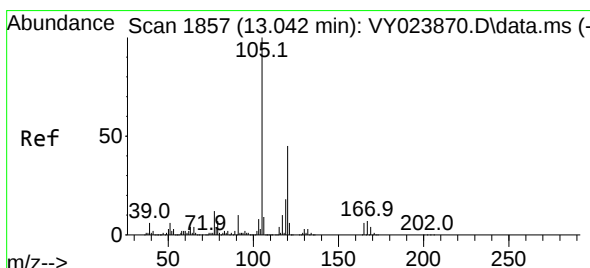
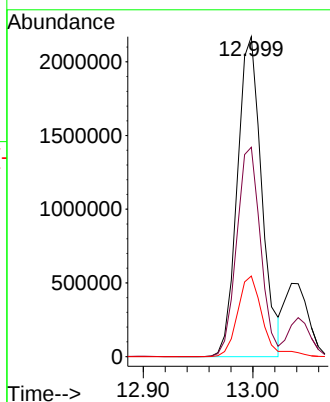
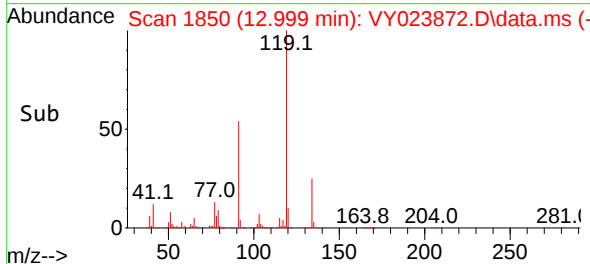
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



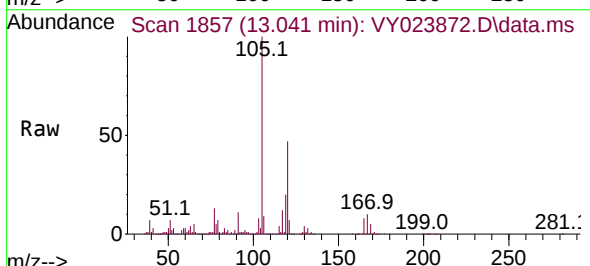
Tgt Ion:119 Resp: 3352060
Ion Ratio Lower Upper
119 100
91 64.1 31.8 95.3
134 25.8 12.9 38.7

Manual Integrations
APPROVED

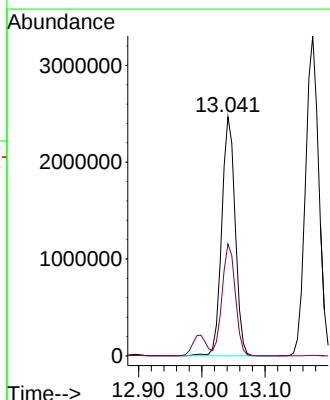
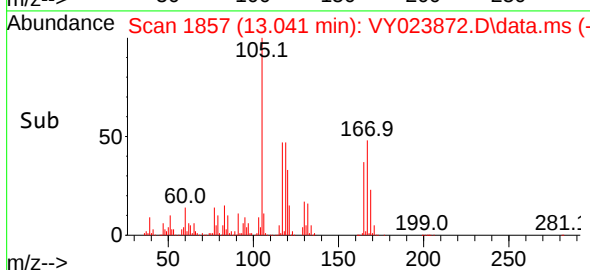
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

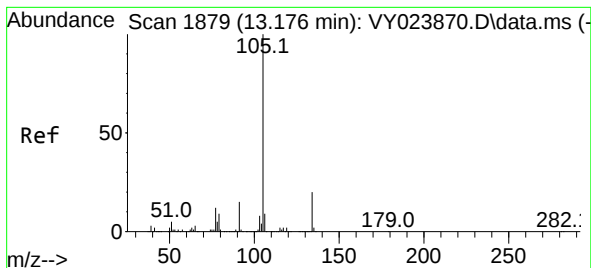


#84
1,2,4-Trimethylbenzene
Concen: 164.888 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



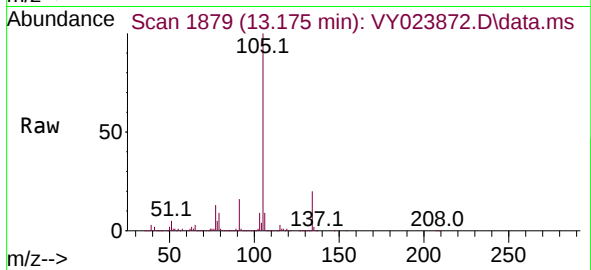
Tgt Ion:105 Resp: 3656720
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 161.246 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023872.D
 Acq: 03 Dec 2025 15:35

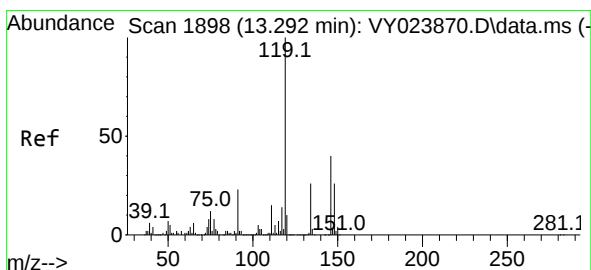
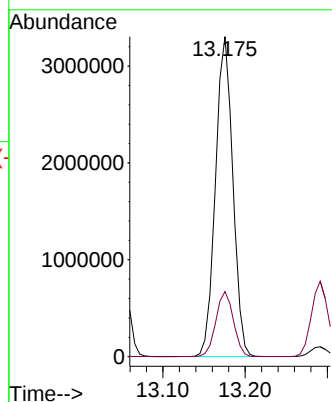
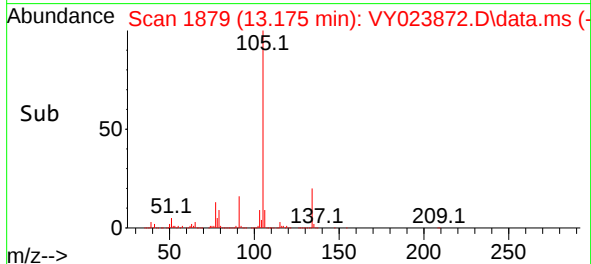
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



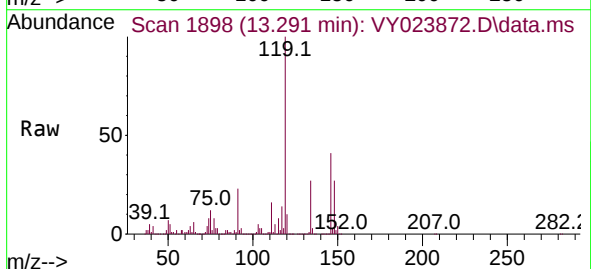
Tgt Ion:105 Resp: 4840736
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3

Manual Integrations
 APPROVED

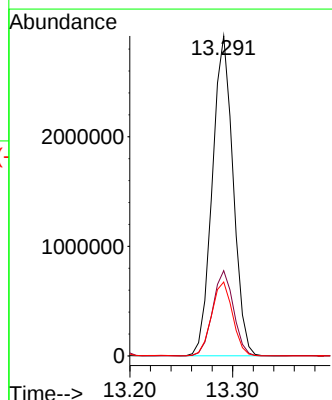
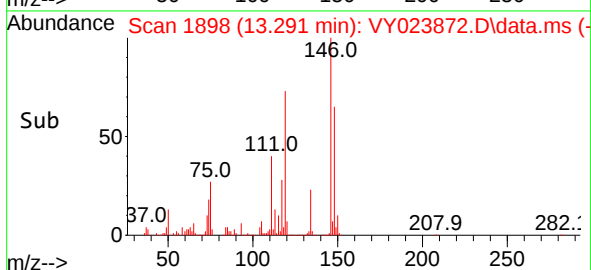
Reviewed By :John Carbone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

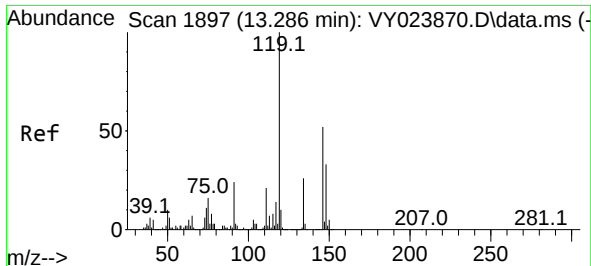


#86
 p-Isopropyltoluene
 Concen: 165.255 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023872.D
 Acq: 03 Dec 2025 15:35



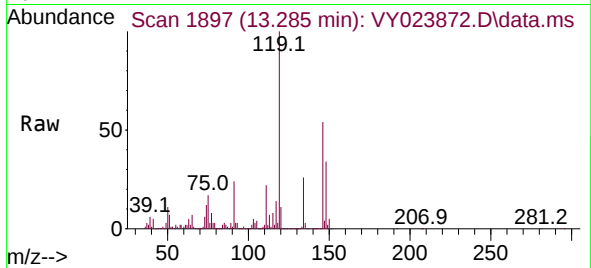
Tgt Ion:119 Resp: 4107675
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 23.3 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 157.280 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

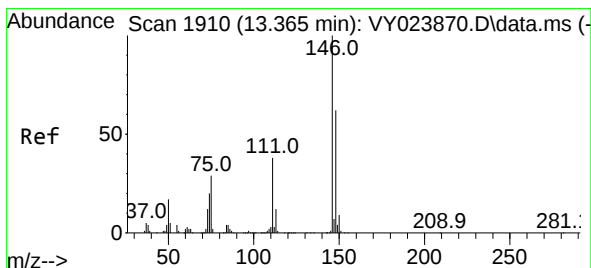
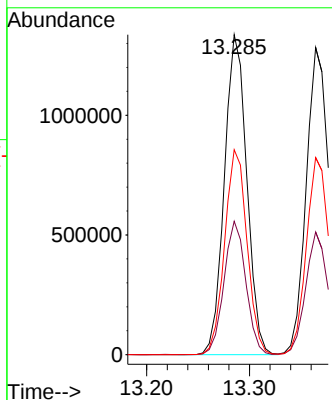
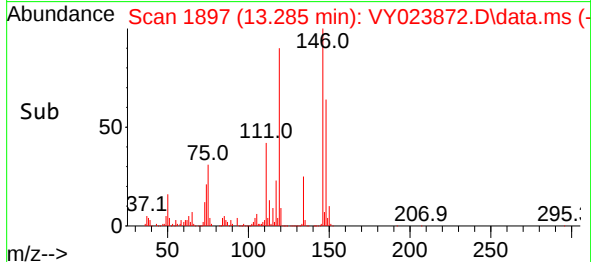
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



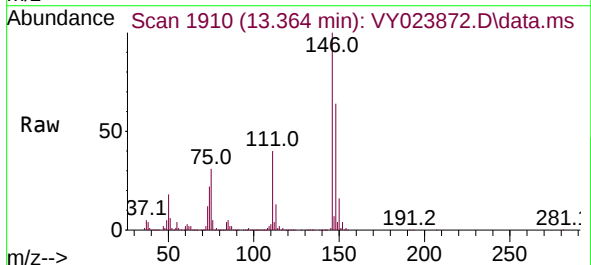
Tgt Ion:146 Resp: 2027489
Ion Ratio Lower Upper
146 100
111 40.6 20.0 60.0
148 64.0 32.0 96.2

Manual Integrations
APPROVED

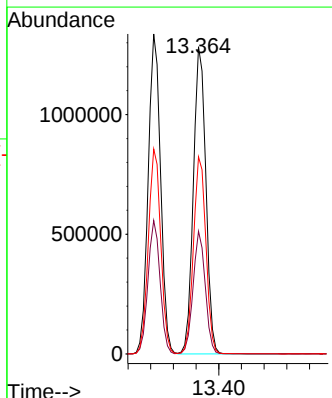
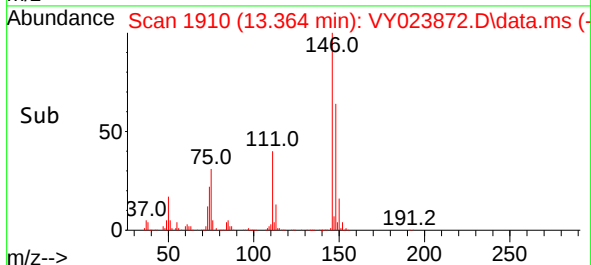
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

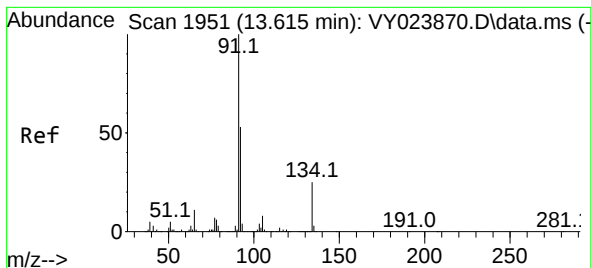


#88
1,4-Dichlorobenzene
Concen: 155.259 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



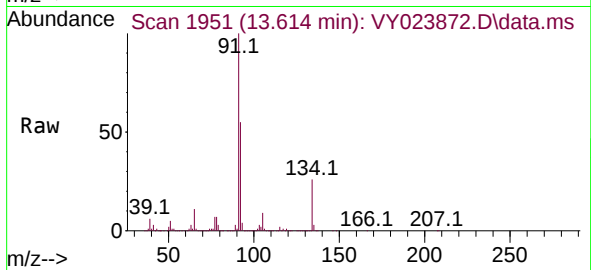
Tgt Ion:146 Resp: 1962768
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.1
148 64.0 32.0 96.2





#89
n-Butylbenzene
Concen: 167.040 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

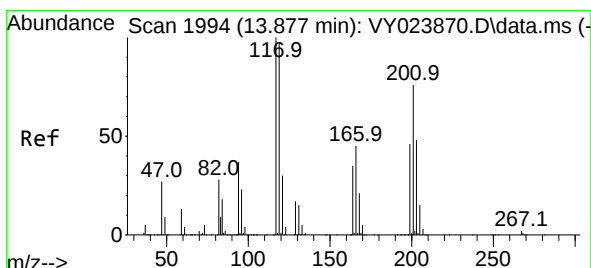
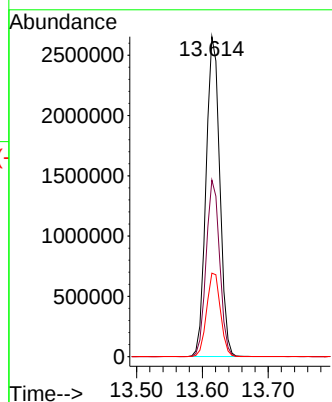
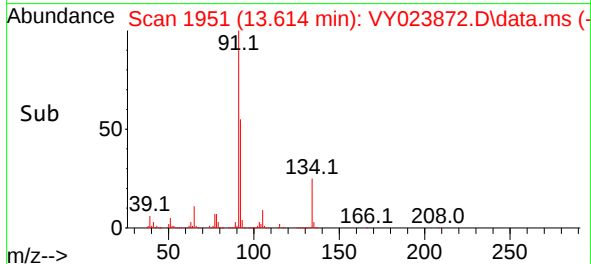
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



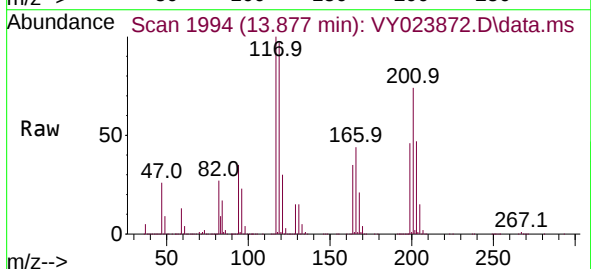
Tgt Ion: 91 Resp: 3842972
Ion Ratio Lower Upper
91 100
92 54.4 26.7 80.0
134 26.3 13.0 39.0

Manual Integrations
APPROVED

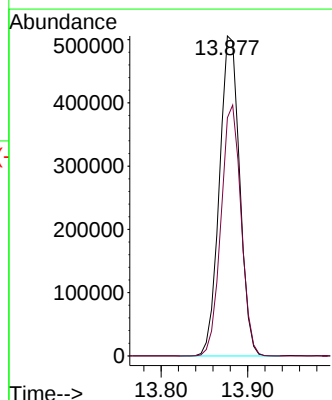
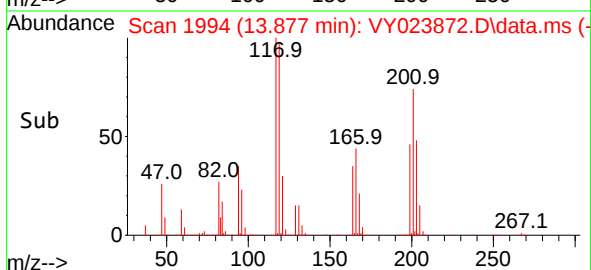
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

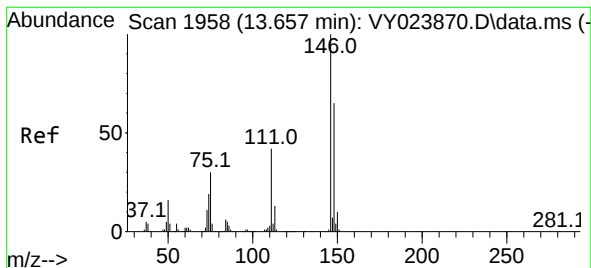


#90
Hexachloroethane
Concen: 157.801 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



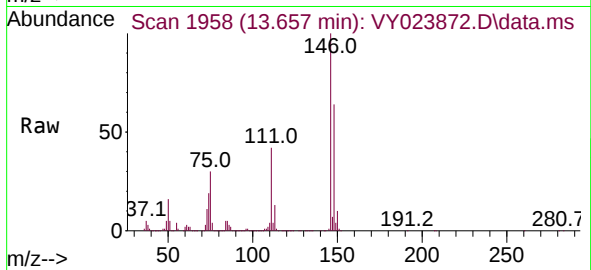
Tgt Ion:117 Resp: 822867
Ion Ratio Lower Upper
117 100
201 77.6 39.1 117.2





#91
1,2-Dichlorobenzene
Concen: 157.466 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

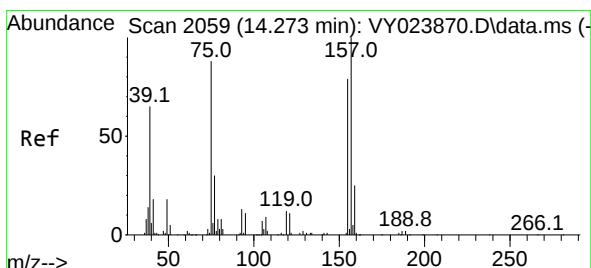
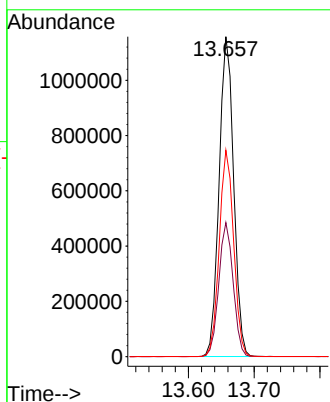
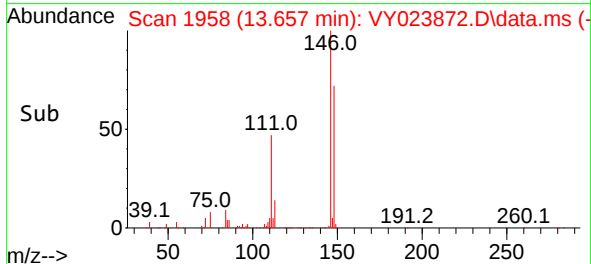
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



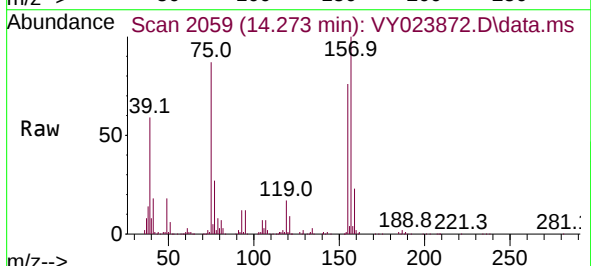
Tgt Ion:146 Resp: 1765543
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 64.0 32.3 96.8

Manual Integrations
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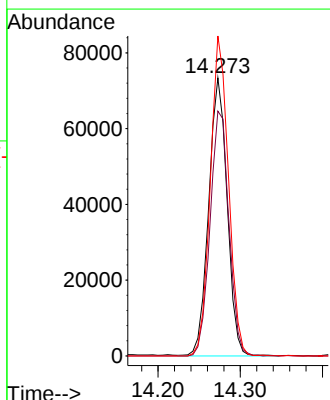
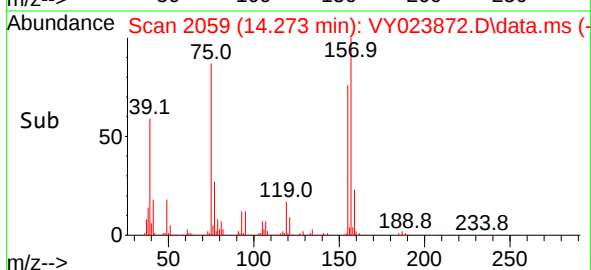
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

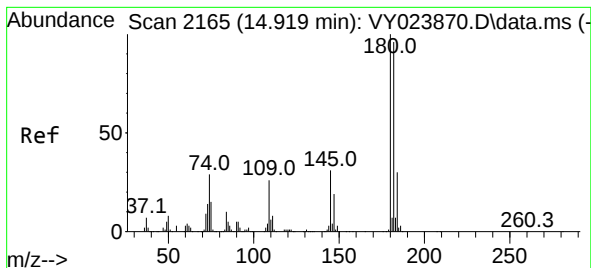


#92
1,2-Dibromo-3-Chloropropane
Concen: 163.638 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



Tgt Ion: 75 Resp: 114369
Ion Ratio Lower Upper
75 100
155 90.1 44.4 133.2
157 113.1 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 169.402 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 1126109

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.3

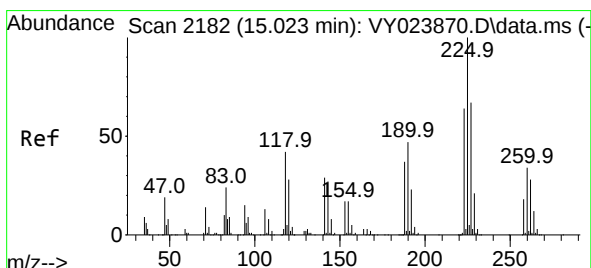
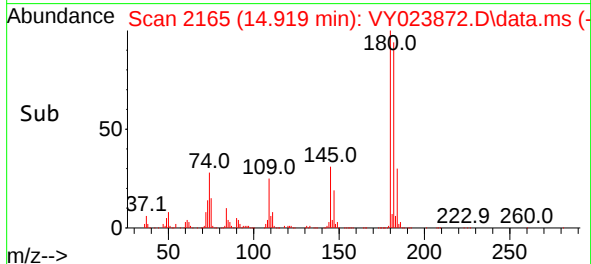
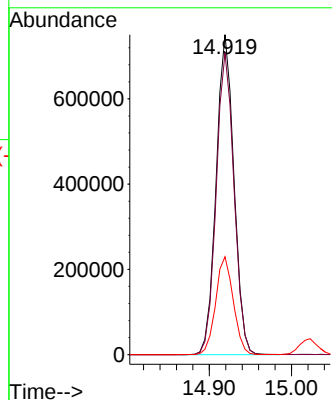
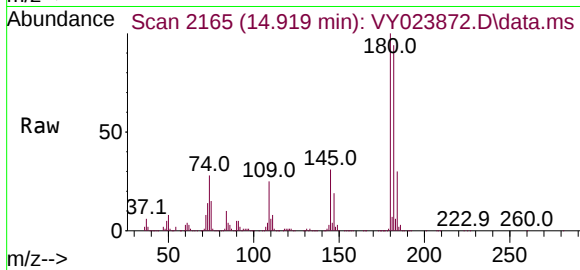
145 30.5 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 155.522 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023872.D

Acq: 03 Dec 2025 15:35

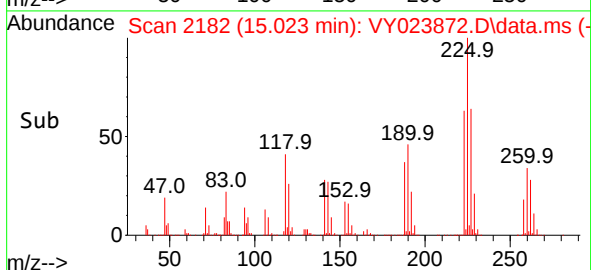
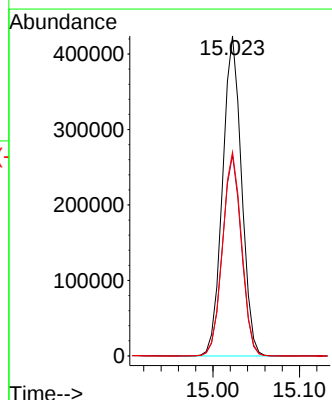
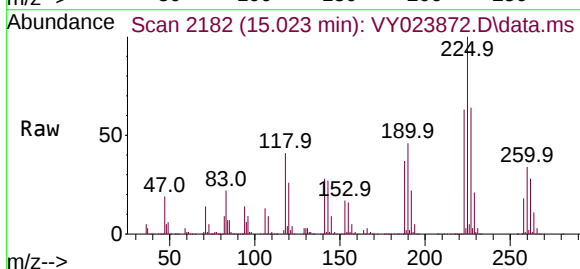
Tgt Ion:225 Resp: 648633

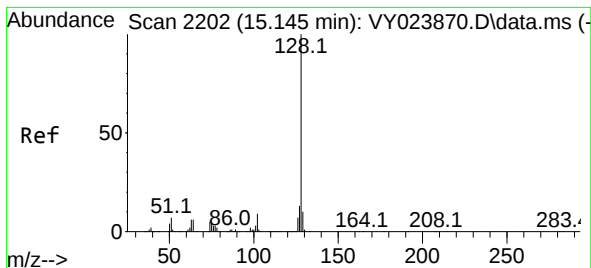
Ion Ratio Lower Upper

225 100

223 62.7 31.6 95.0

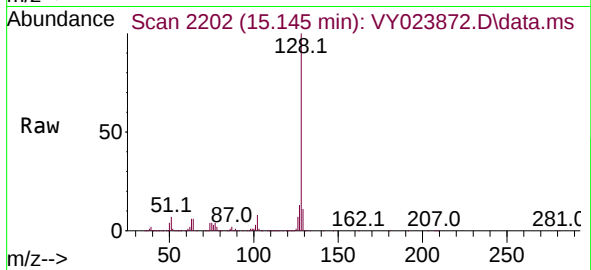
227 63.8 32.6 97.8





#95
Naphthalene
Concen: 186.243 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35

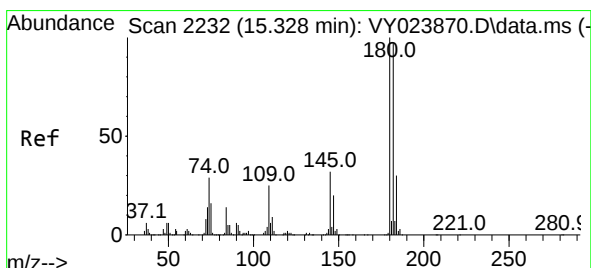
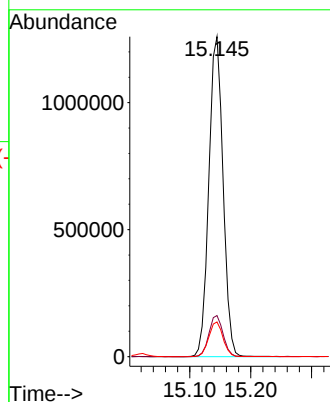
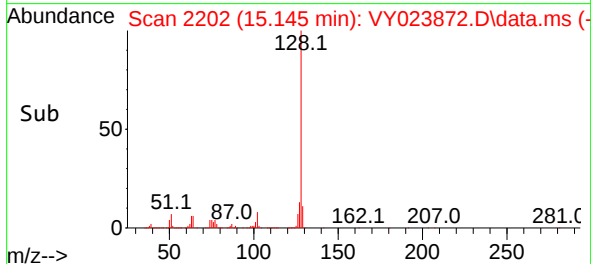
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



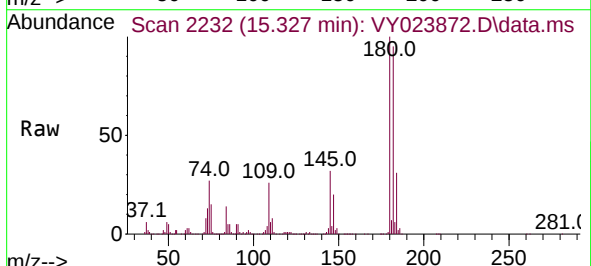
Tgt Ion:128 Resp: 2040346
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 167.923 ug/l
RT: 15.327 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023872.D
Acq: 03 Dec 2025 15:35



Tgt Ion:180 Resp: 952579
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.8
145 32.3 15.7 47.1

