

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032568.D
 Acq On : 03 Dec 2025 13:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 04 03:50:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:43:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	344845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	632962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	569805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	253448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	760845	148.257	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 296.520%#			
35) Dibromofluoromethane	7.905	113	638689	153.335	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 306.660%#			
50) Toluene-d8	10.325	98	2424884	154.712	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 309.420%#			
62) 4-Bromofluorobenzene	12.617	95	869102	150.085	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 300.160%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	307548	144.081	ug/l	92
3) Chloromethane	2.253	50	566242	144.303	ug/l	99
4) Vinyl Chloride	2.406	62	668896	140.504	ug/l	97
5) Bromomethane	2.814	94	450952	142.634	ug/l	92
6) Chloroethane	2.966	64	453956	147.632	ug/l	100
7) Trichlorofluoromethane	3.302	101	567062	153.675	ug/l	97
8) Diethyl Ether	3.722	74	410909	150.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	549768	140.925	ug/l	99
10) Methyl Iodide	4.308	142	904368	153.707	ug/l	96
11) Tert butyl alcohol	5.216	59	283606	718.481	ug/l #	87
12) 1,1-Dichloroethene	4.082	96	635060	144.380	ug/l	99
13) Acrolein	3.930	56	563429	805.333	ug/l	100
14) Allyl chloride	4.704	41	1258443	156.295	ug/l	99
15) Acrylonitrile	5.399	53	1128865	788.026	ug/l	99
16) Acetone	4.161	43	1277870	796.857	ug/l	99
17) Carbon Disulfide	4.417	76	1950048	149.648	ug/l	98
18) Methyl Acetate	4.710	43	508043	153.818	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	1278982	156.000	ug/l	99
20) Methylene Chloride	4.954	84	753644	131.413	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	721177	150.057	ug/l	97
22) Diisopropyl ether	6.344	45	2485007	154.645	ug/l	98
23) Vinyl Acetate	6.283	43	8659113	813.238	ug/l	100
24) 1,1-Dichloroethane	6.246	63	1395226	149.550	ug/l	99
25) 2-Butanone	7.191	43	1670432	811.659	ug/l	99
26) 2,2-Dichloropropane	7.185	77	742823	137.348	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	867694	155.080	ug/l	99
28) Bromochloromethane	7.533	49	635234	151.575	ug/l	99
29) Tetrahydrofuran	7.551	42	1000047	813.819	ug/l	99
30) Chloroform	7.697	83	1372018	148.182	ug/l	97
31) Cyclohexane	7.972	56	1160978	141.125	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	985298	146.623	ug/l	99
36) 1,1-Dichloropropene	8.100	75	975846	153.595	ug/l	99
37) Ethyl Acetate	7.270	43	681623	155.028	ug/l	100
38) Carbon Tetrachloride	8.087	117	892447	151.197	ug/l	92
39) Methylcyclohexane	9.343	83	1230826	158.653	ug/l	98
40) Benzene	8.337	78	3052873	150.785	ug/l	96

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Manual Integrations
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 Supervised By :Semsettin Yesilyurt 12/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	424590	178.472	ug/l	97
42) 1,2-Dichloroethane	8.411	62	941373	151.647	ug/l	99
43) Isopropyl Acetate	8.435	43	1235816	163.523	ug/l	100
44) Trichloroethene	9.106	130	683213	150.982	ug/l	91
45) 1,2-Dichloropropane	9.374	63	766457	152.411	ug/l	96
46) Dibromomethane	9.465	93	442404	152.131	ug/l	99
47) Bromodichloromethane	9.648	83	1079333	158.352	ug/l	98
48) Methyl methacrylate	9.441	41	585778	170.511	ug/l	93
49) 1,4-Dioxane	9.465	88	120400	3464.888	ug/l #	91
51) 4-Methyl-2-Pentanone	10.215	43	3331273	796.619	ug/l	98
52) Toluene	10.392	92	1913501	156.851	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	1106047	169.147	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	1242091	161.865	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	594451	152.619	ug/l	92
56) Ethyl methacrylate	10.648	69	948462	176.082	ug/l	99
57) 1,3-Dichloropropane	10.934	76	1060340	152.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	2456147	870.246	ug/l	99
59) 2-Hexanone	10.971	43	2469400	829.176	ug/l	97
60) Dibromochloromethane	11.130	129	681720	156.162	ug/l	98
61) 1,2-Dibromoethane	11.239	107	571696	154.336	ug/l	98
64) Tetrachloroethene	10.867	164	570454	150.101	ug/l	91
65) Chlorobenzene	11.654	112	2046322	151.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	636011	152.732	ug/l	97
67) Ethyl Benzene	11.727	91	3674648	160.796	ug/l	100
68) m/p-Xylenes	11.837	106	2726282	313.781	ug/l	98
69) o-Xylene	12.166	106	1288302	161.908	ug/l	95
70) Styrene	12.178	104	2234499	160.096	ug/l	99
71) Bromoform	12.349	173	384325	167.831	ug/l #	99
73) Isopropylbenzene	12.459	105	3238130	172.231	ug/l	100
74) N-amyl acetate	12.270	43	1116097	179.335	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	713958	161.316	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	520910m	150.812	ug/l	
77) Bromobenzene	12.745	156	744177	167.444	ug/l	96
78) n-propylbenzene	12.800	91	3955189	164.897	ug/l	98
79) 2-Chlorotoluene	12.891	91	2376967	166.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	2685262	167.388	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	266840	182.999	ug/l	95
82) 4-Chlorotoluene	12.983	91	2468799	161.414	ug/l	99
83) tert-Butylbenzene	13.202	119	2286132	172.790	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	2735793	170.721	ug/l	99
85) sec-Butylbenzene	13.379	105	3374724	165.372	ug/l	98
86) p-Isopropyltoluene	13.495	119	2903764	172.762	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	1471665	161.952	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	1378445	152.831	ug/l	96
89) n-Butylbenzene	13.818	91	2862995	167.732	ug/l	99
90) Hexachloroethane	14.092	117	540322	167.848	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	1248934	156.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.477	75	128630	168.565	ug/l	93
93) 1,2,4-Trichlorobenzene	15.123	180	866787	178.552	ug/l	98
94) Hexachlorobutadiene	15.220	225	359013	160.664	ug/l	97
95) Naphthalene	15.361	128	2110720	193.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	759368	172.185	ug/l	97

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

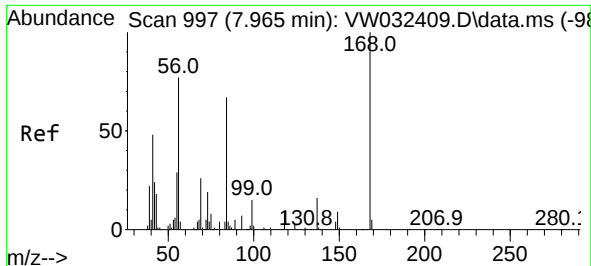
Manual Integrations
APPROVED

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

Quant Time: Dec 04 03:50:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:43:50 2025
Response via : Initial Calibration

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



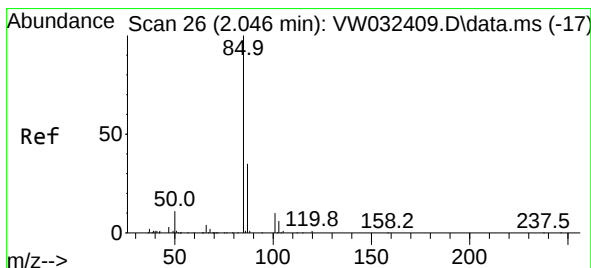
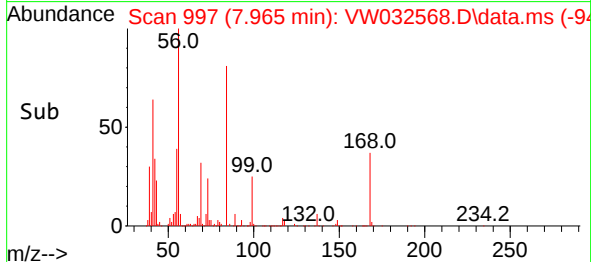
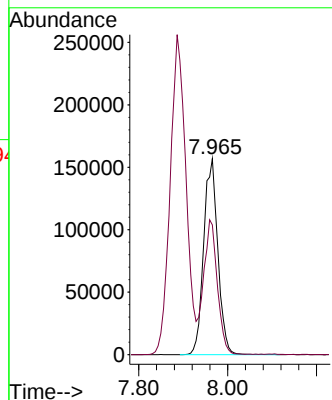
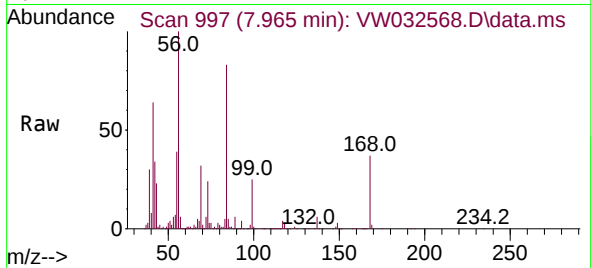
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 344845
Ion Ratio Lower Upper
168 100
99 66.1 51.8 77.8

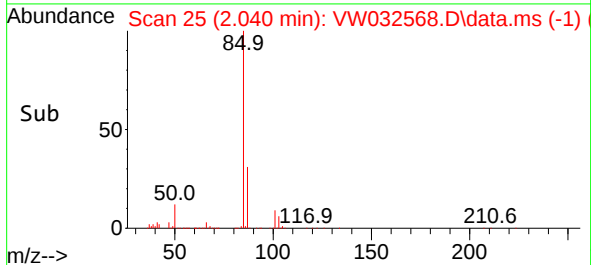
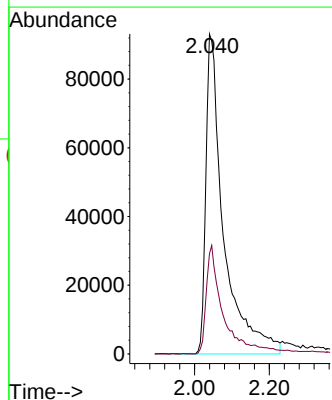
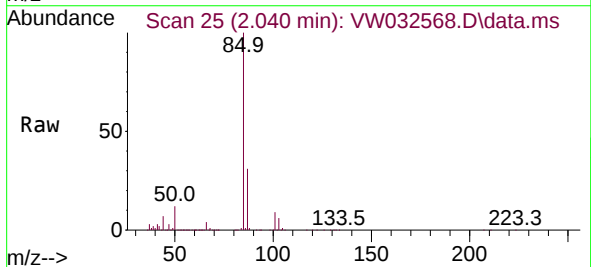
Manual Integrations
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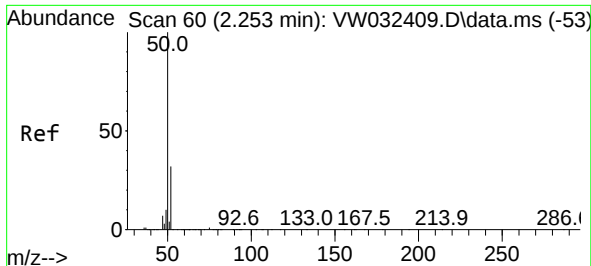
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 144.081 ug/l
RT: 2.040 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

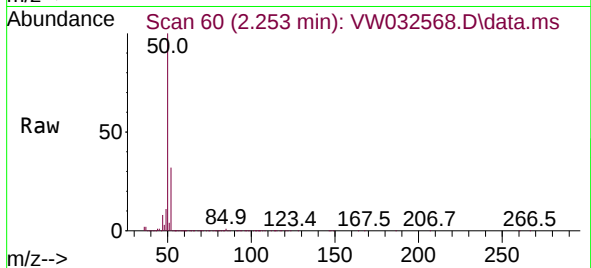
Tgt Ion: 85 Resp: 307548
Ion Ratio Lower Upper
85 100
87 31.3 17.9 53.8





#3
Chloromethane
Concen: 144.303 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

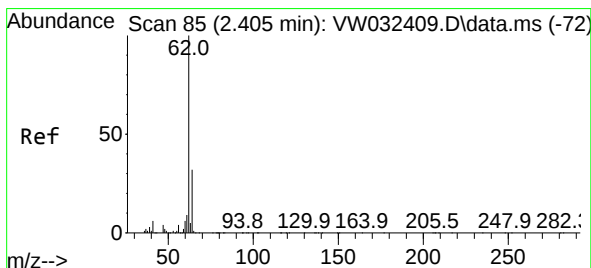
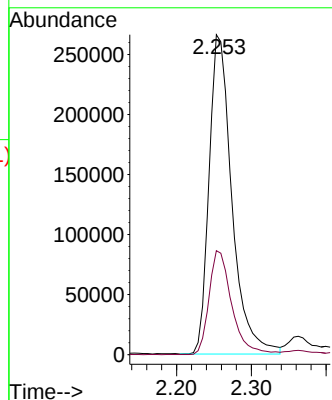
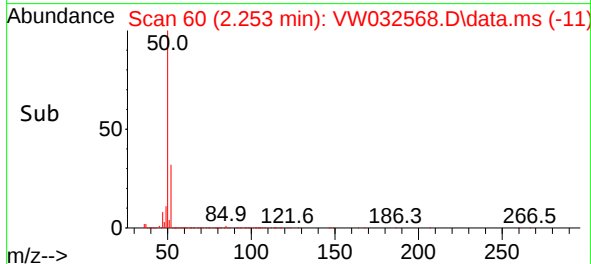
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



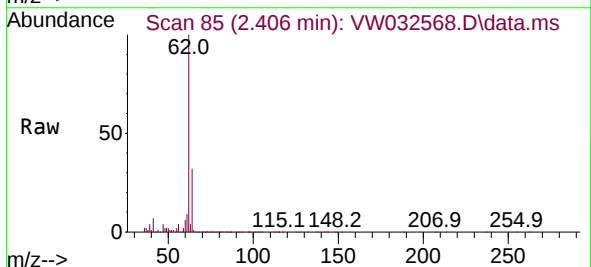
Tgt Ion: 50 Resp: 566242
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.4

Manual Integrations
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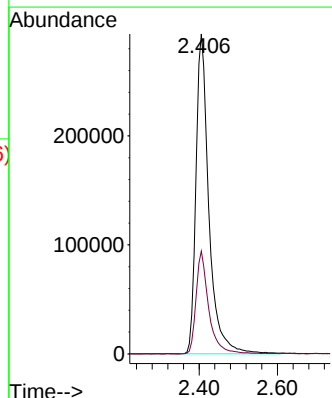
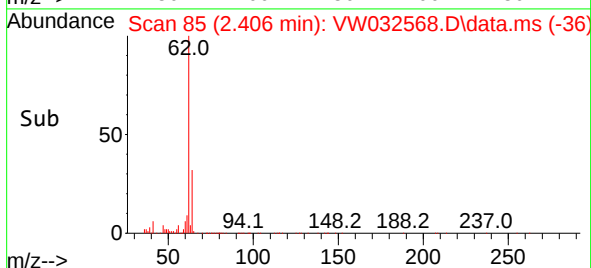
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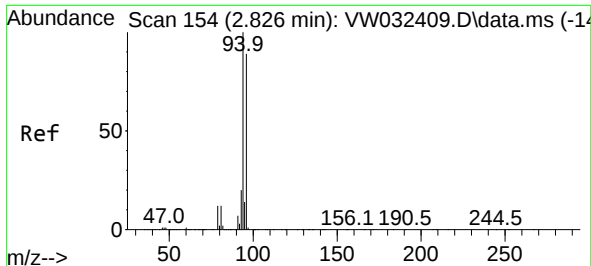


#4
Vinyl Chloride
Concen: 140.504 ug/l
RT: 2.406 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



Tgt Ion: 62 Resp: 668896
Ion Ratio Lower Upper
62 100
64 32.1 24.2 36.4





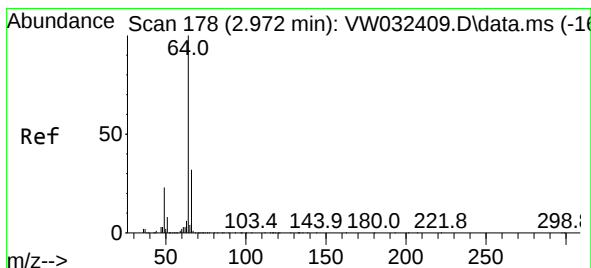
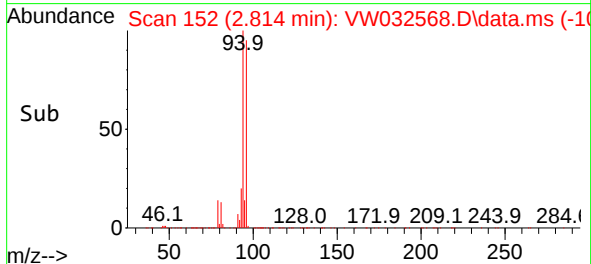
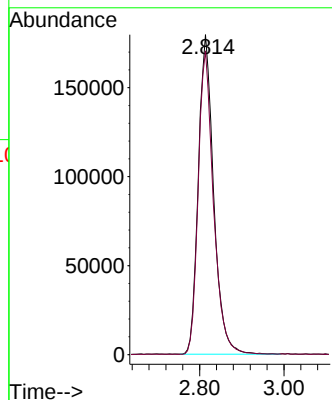
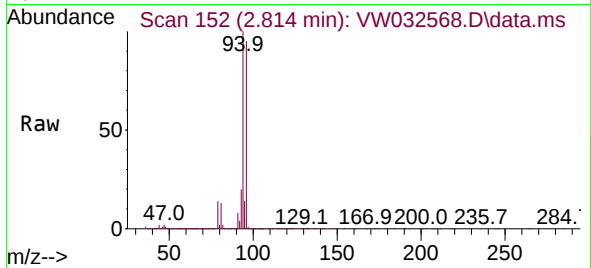
#5
Bromomethane
Concen: 142.634 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 450952
Ion Ratio Lower Upper
94 100
96 94.9 69.9 104.9

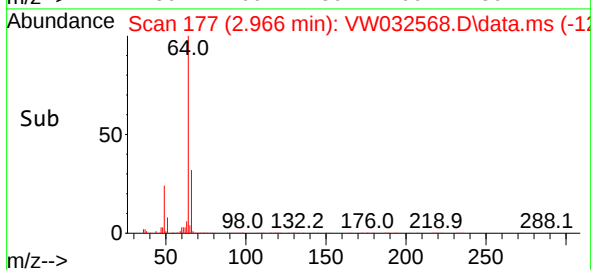
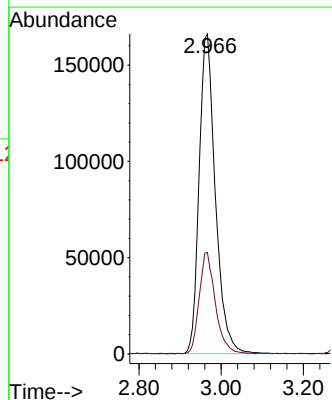
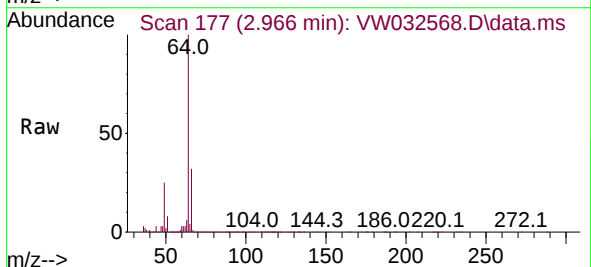
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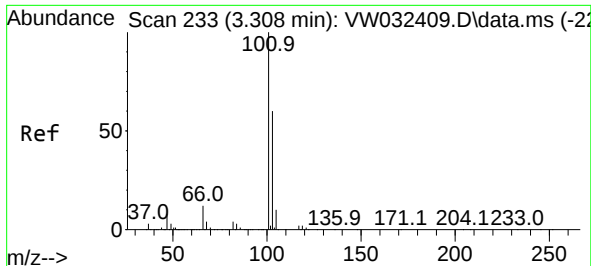
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 147.632 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 64 Resp: 453956
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2





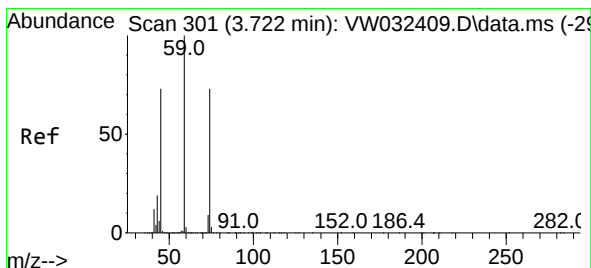
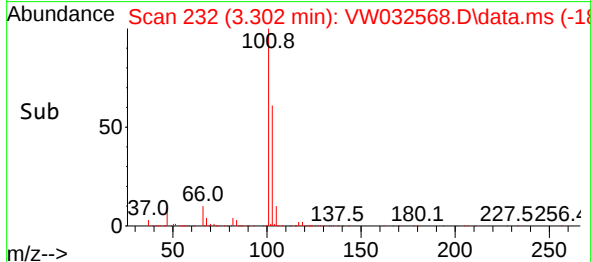
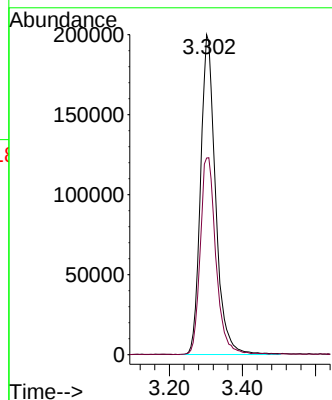
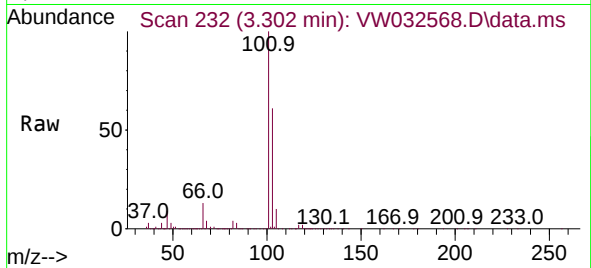
#7
 Trichlorofluoromethane
 Concen: 153.675 ug/l
 RT: 3.302 min Scan# 233
 Delta R.T. -0.006 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 567062
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.1 76.7

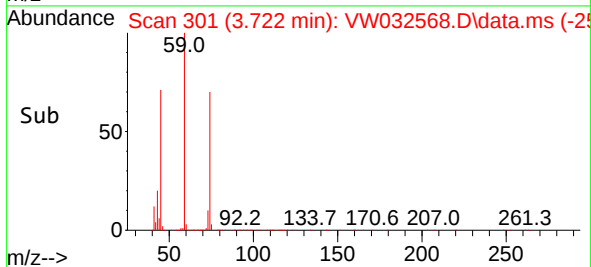
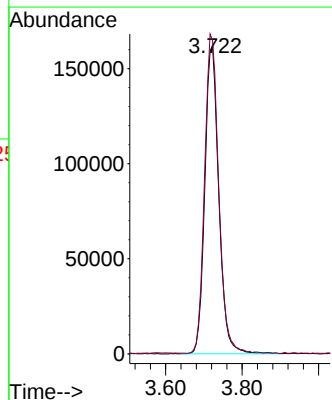
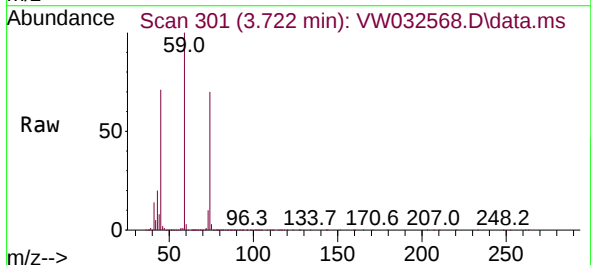
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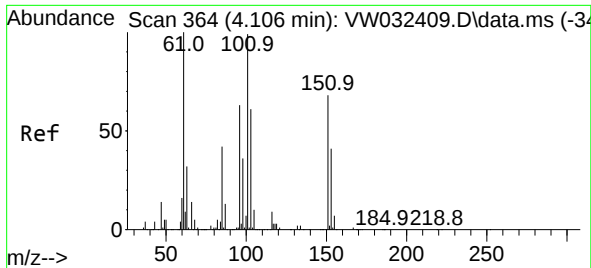
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#8
 Diethyl Ether
 Concen: 150.635 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion: 74 Resp: 410909
 Ion Ratio Lower Upper
 74 100
 45 104.9 53.4 160.3





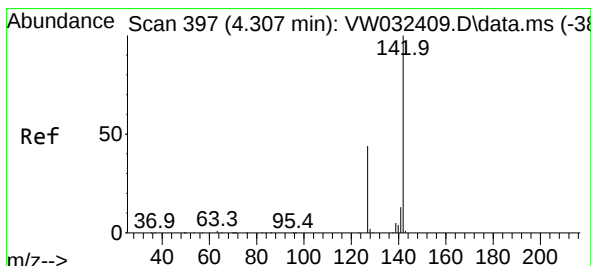
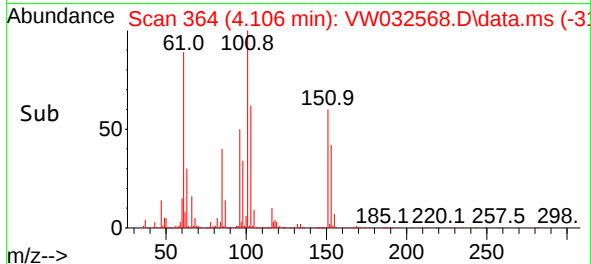
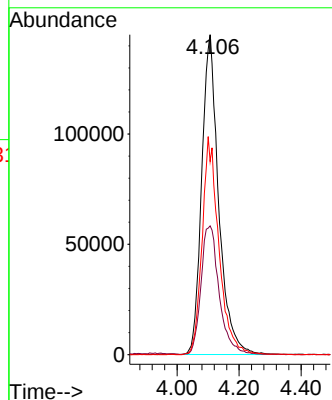
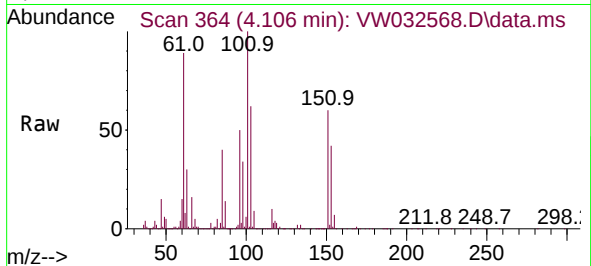
#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.925 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 549768
Ion Ratio Lower Upper
101 100
85 43.2 35.0 52.4
151 67.3 54.6 82.0

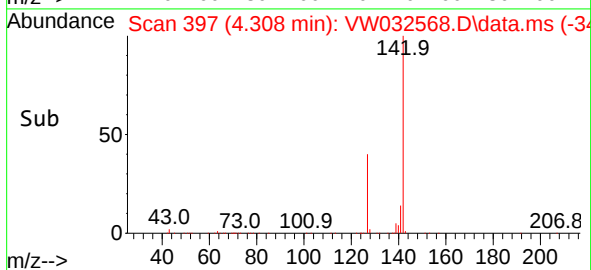
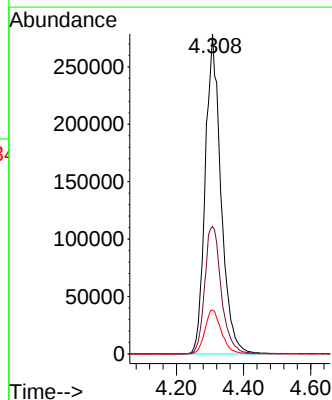
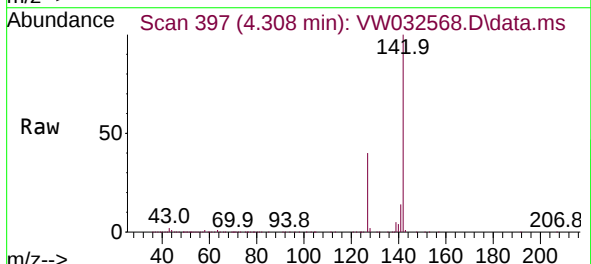
Manual Integrations
APPROVED

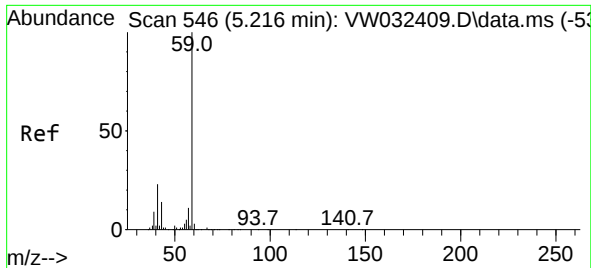
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 153.707 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

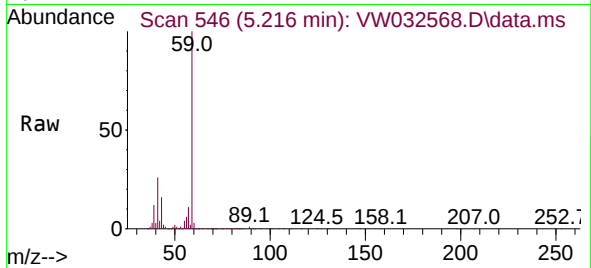
Tgt Ion:142 Resp: 904368
Ion Ratio Lower Upper
142 100
127 42.1 36.2 54.2
141 14.4 11.9 17.9





#11
Tert butyl alcohol
Concen: 718.481 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

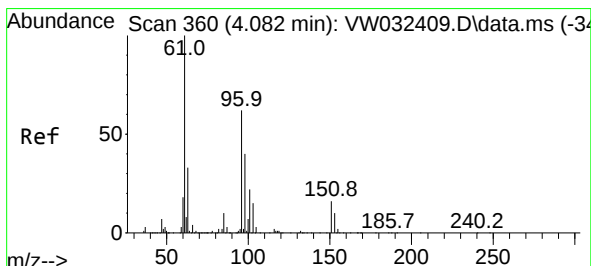
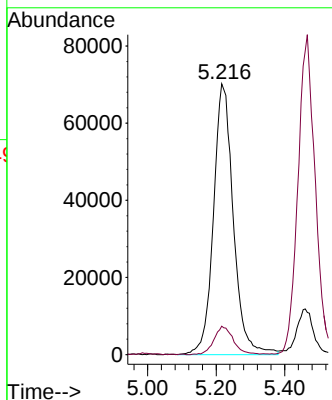
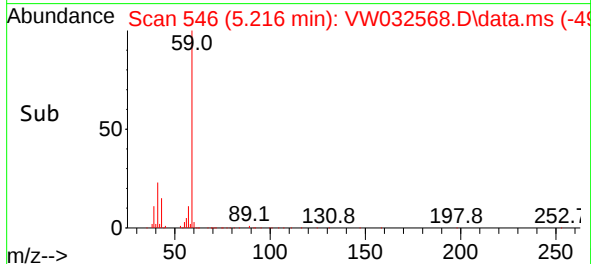
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



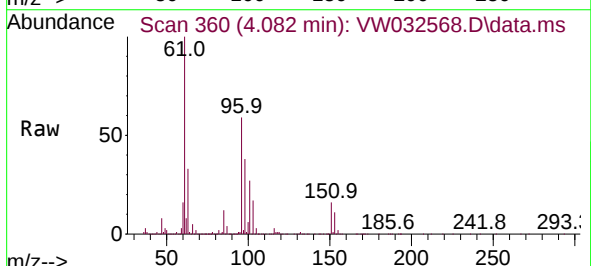
Tgt Ion: 59 Resp: 283600
Ion Ratio Lower Upper
59 100
57 10.2 4.6 6.8

Manual Integrations
APPROVED

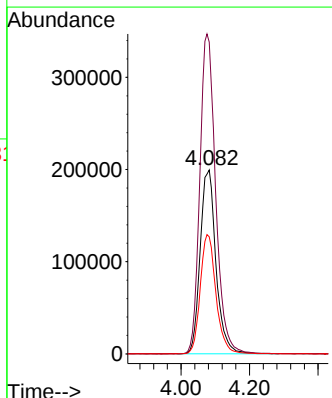
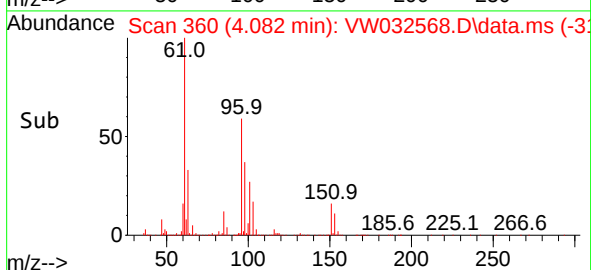
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

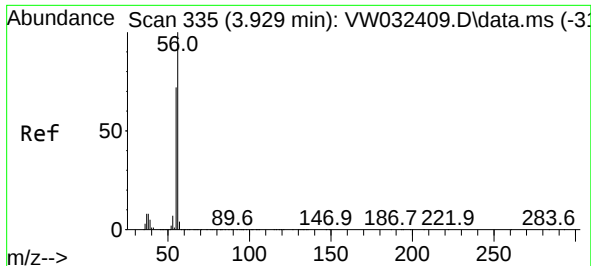


#12
1,1-Dichloroethene
Concen: 144.380 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



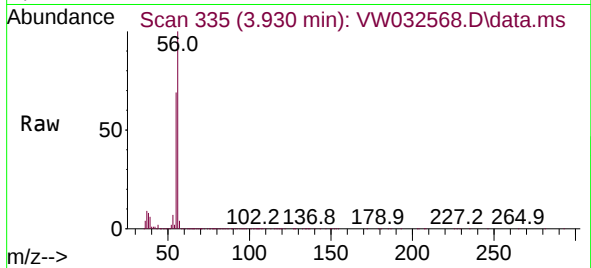
Tgt Ion: 96 Resp: 635060
Ion Ratio Lower Upper
96 100
61 169.7 136.6 205.0
98 63.7 51.4 77.2





#13
Acrolein
Concen: 805.333 ug/l
RT: 3.930 min Scan# 335
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

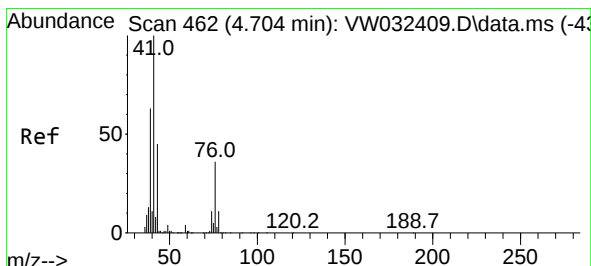
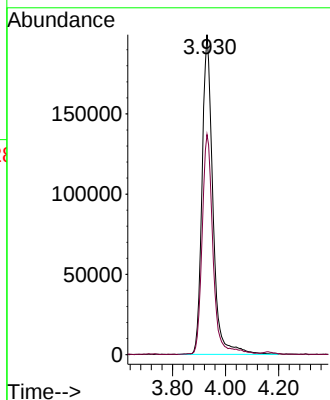
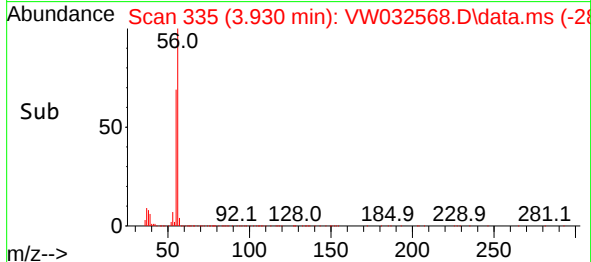
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



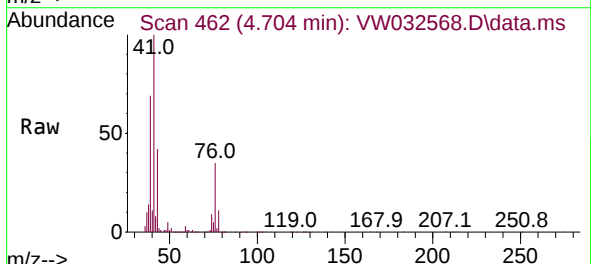
Tgt Ion: 56 Resp: 563429
Ion Ratio Lower Upper
56 100
55 69.3 55.2 82.8

Manual Integrations
APPROVED

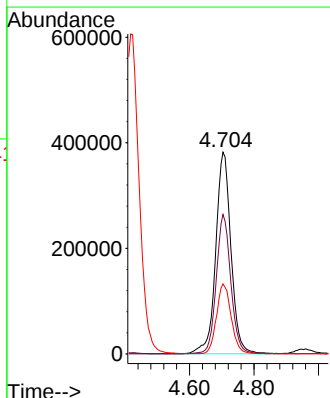
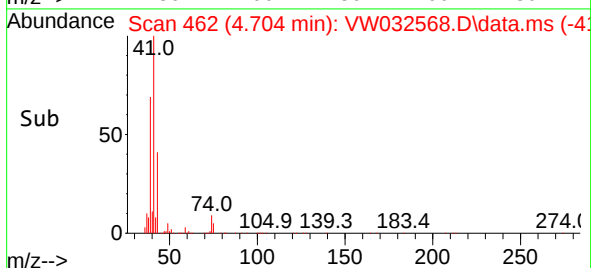
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

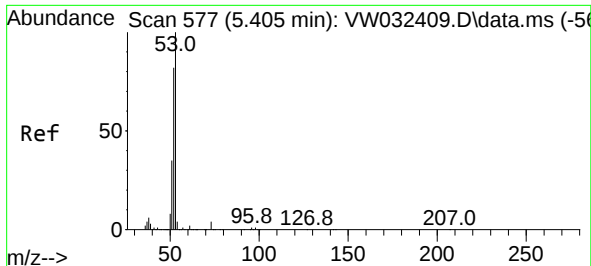


#14
Allyl chloride
Concen: 156.295 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



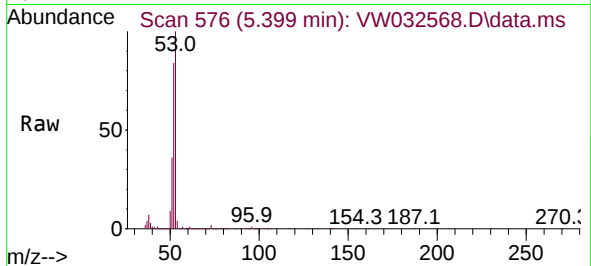
Tgt Ion: 41 Resp: 1258443
Ion Ratio Lower Upper
41 100
39 65.7 52.9 79.3
76 33.1 25.8 38.6





#15
Acrylonitrile
Concen: 788.026 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

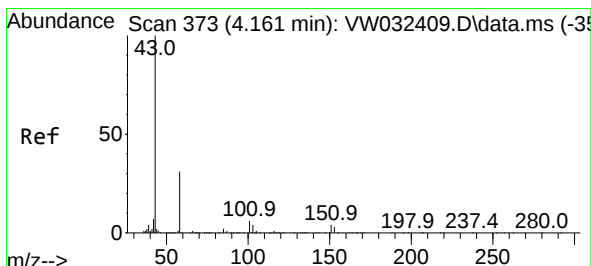
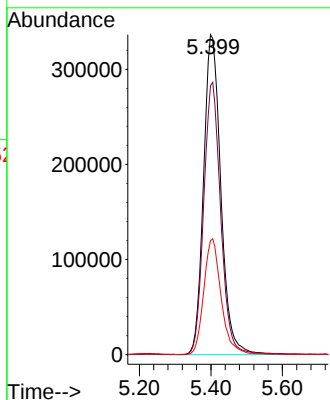
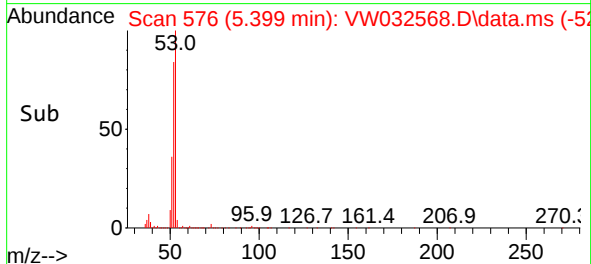
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 1128865
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 36.4 29.3 43.9

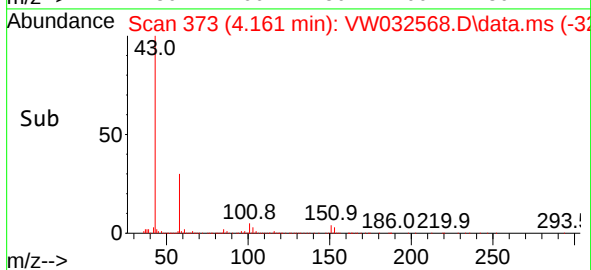
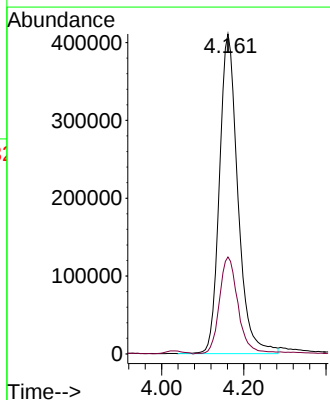
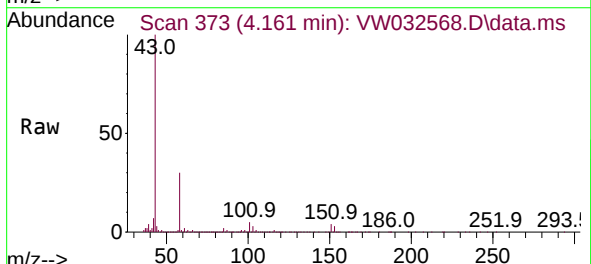
Manual Integrations
APPROVED

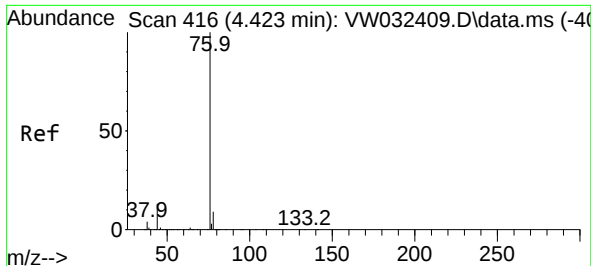
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 796.857 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

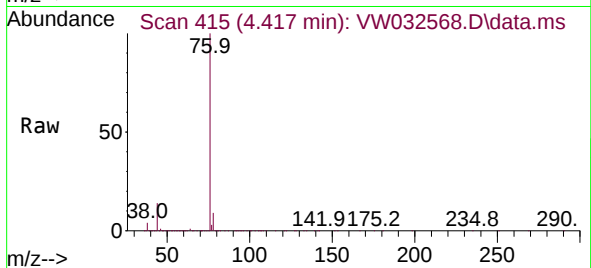
Tgt Ion: 43 Resp: 1277870
Ion Ratio Lower Upper
43 100
58 29.7 23.5 35.3





#17
Carbon Disulfide
Concen: 149.648 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

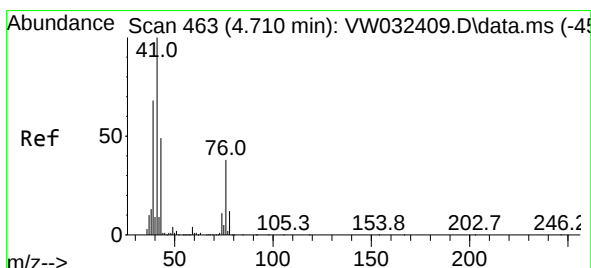
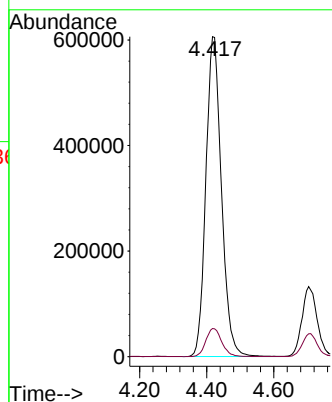
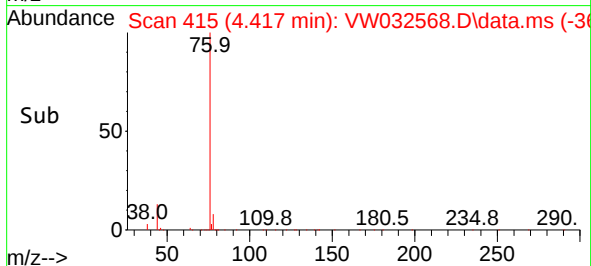
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



Tgt Ion: 76 Resp: 1950048
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8

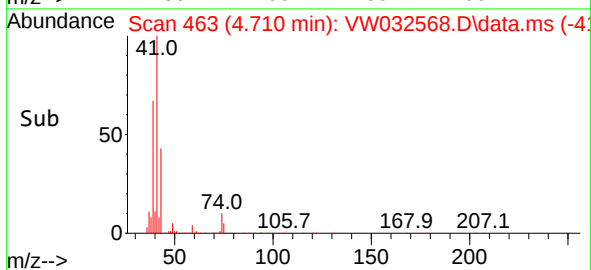
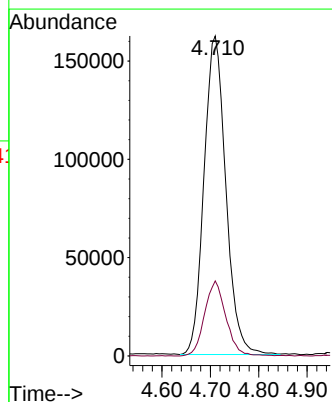
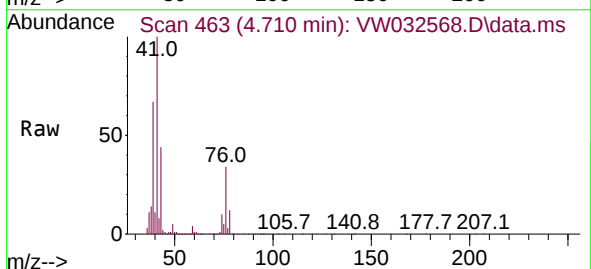
Manual Integrations
APPROVED

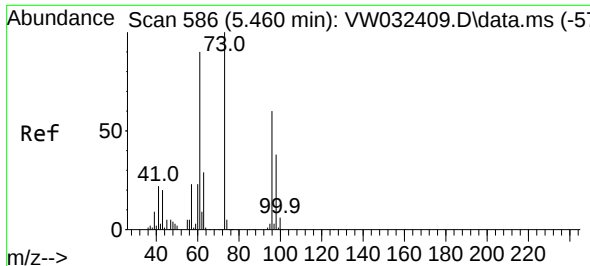
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 153.818 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

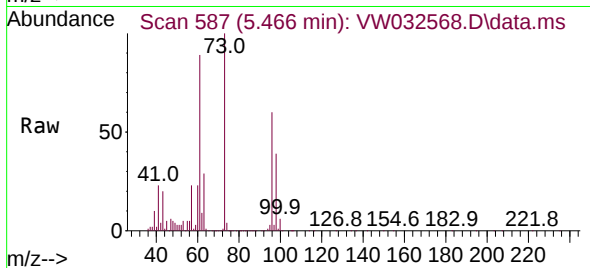
Tgt Ion: 43 Resp: 508043
Ion Ratio Lower Upper
43 100
74 23.0 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 156.000 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

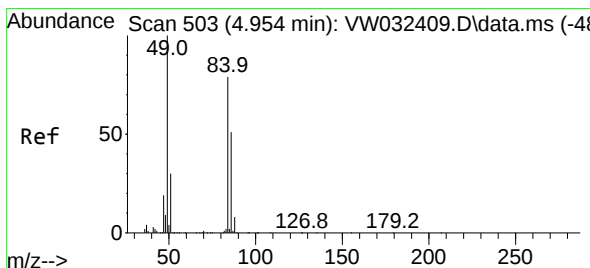
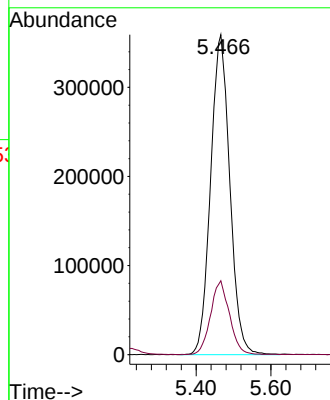
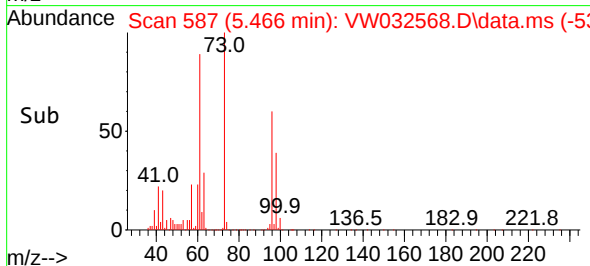
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



Tgt Ion: 73 Resp: 1278982
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.4

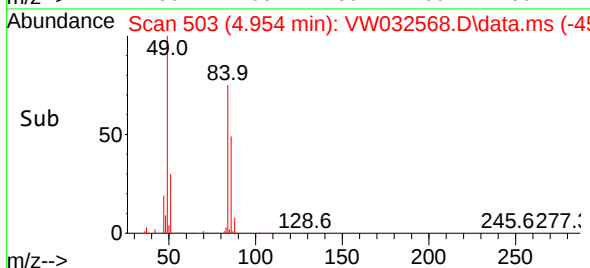
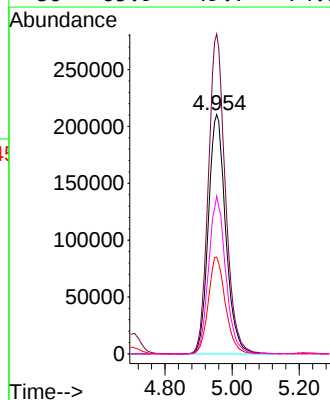
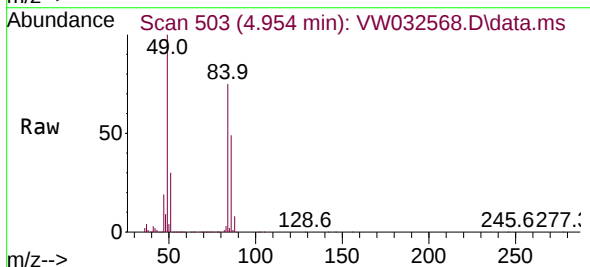
Manual Integrations
APPROVED

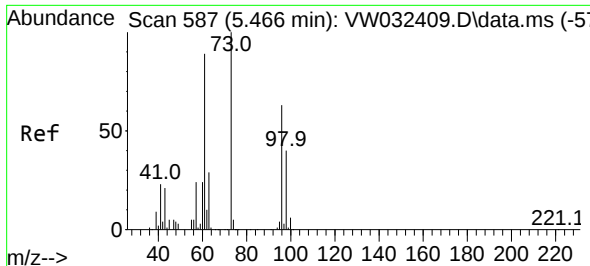
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 131.413 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

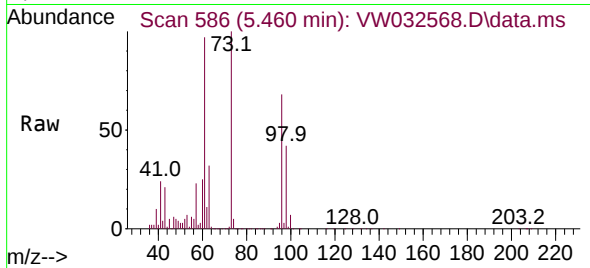
Tgt Ion: 84 Resp: 753644
Ion Ratio Lower Upper
84 100
49 133.6 107.6 161.4
51 40.3 33.9 50.9
86 65.9 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 150.057 ug/l
RT: 5.460 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

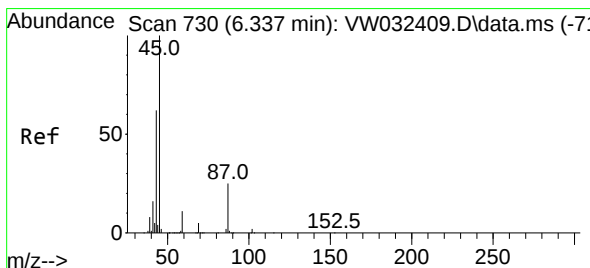
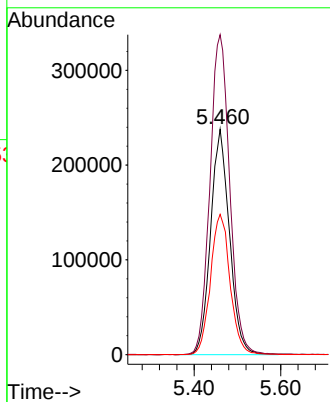
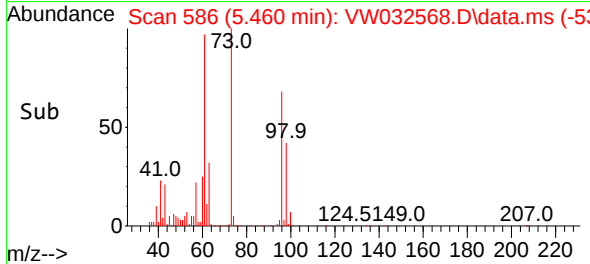
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 721172
Ion Ratio Lower Upper
96 100
61 142.0 111.0 166.4
98 62.2 48.4 72.6

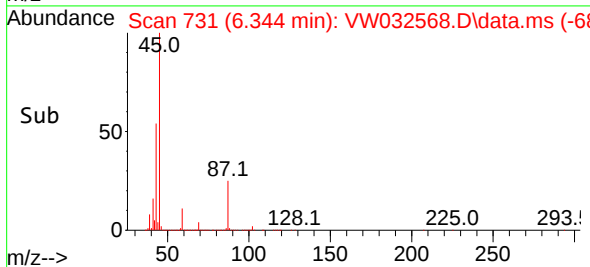
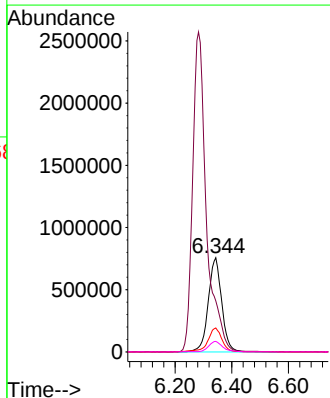
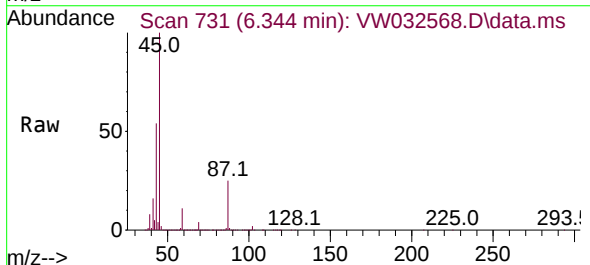
Manual Integrations
APPROVED

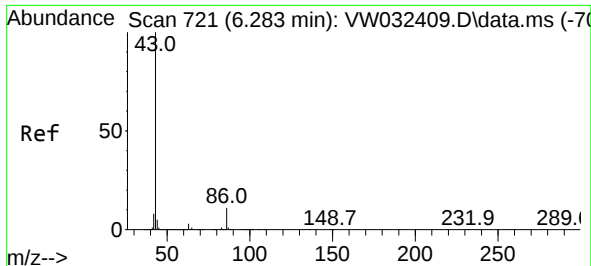
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 154.645 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 45 Resp: 2485007
Ion Ratio Lower Upper
45 100
43 54.1 44.5 66.7
87 25.5 19.7 29.5
59 11.1 9.0 13.6





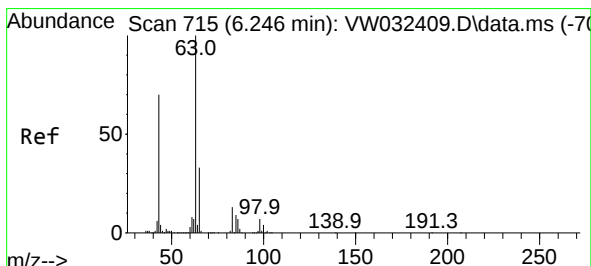
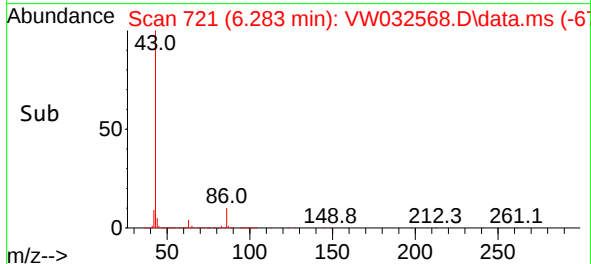
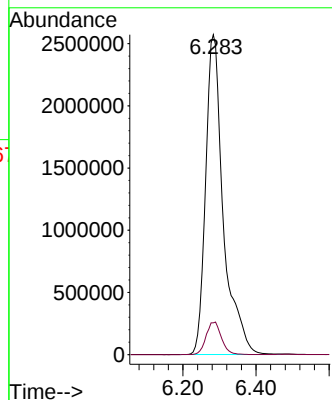
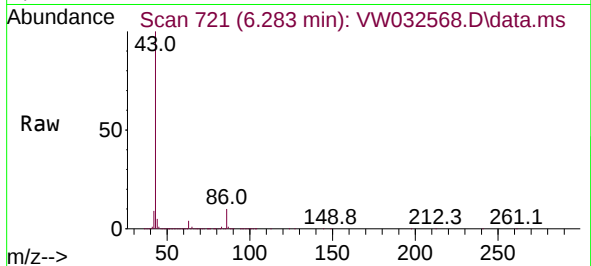
#23
 Vinyl Acetate
 Concen: 813.238 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 8659113
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

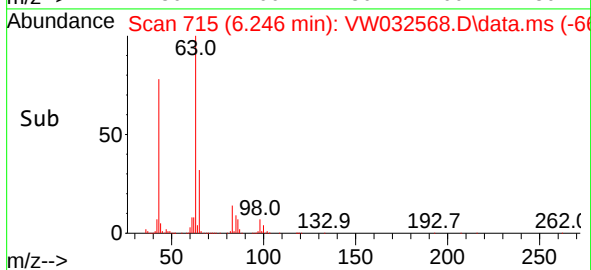
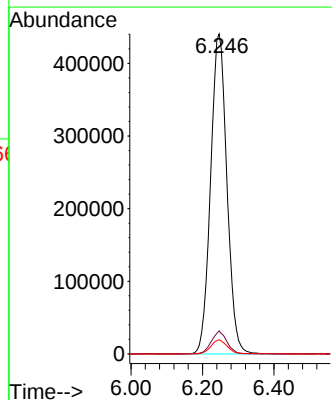
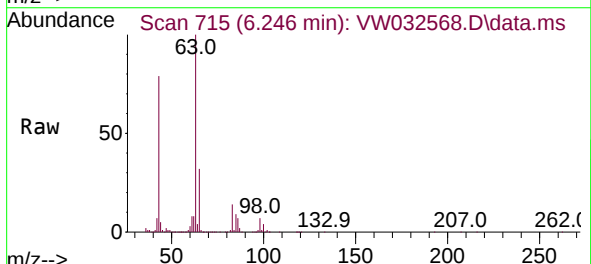
Manual Integrations
 APPROVED

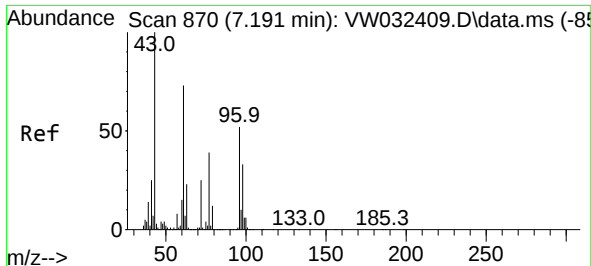
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#24
 1,1-Dichloroethane
 Concen: 149.550 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion: 63 Resp: 1395226
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.4 2.3 6.8





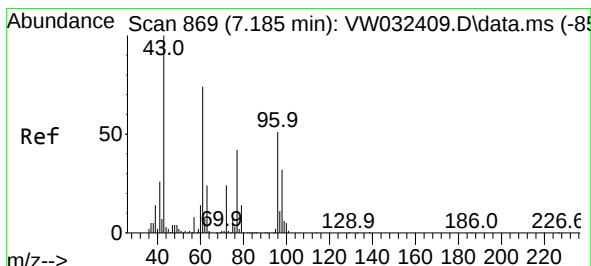
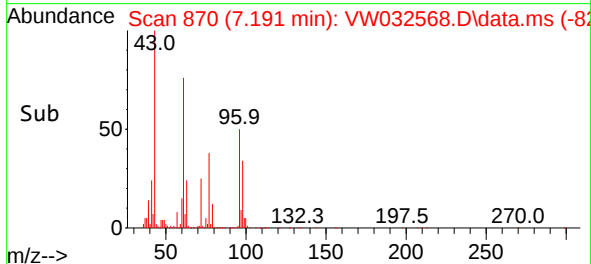
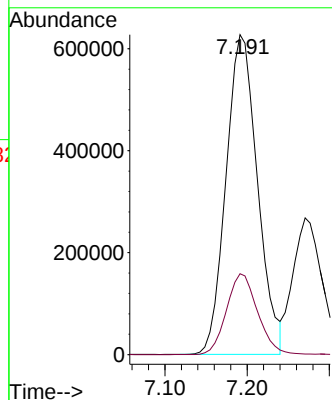
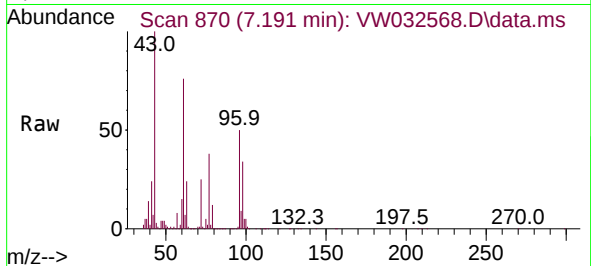
#25
2-Butanone
Concen: 811.659 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1670432
Ion Ratio Lower Upper
43 100
72 25.3 19.7 29.5

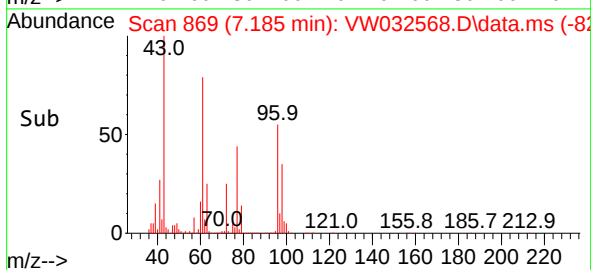
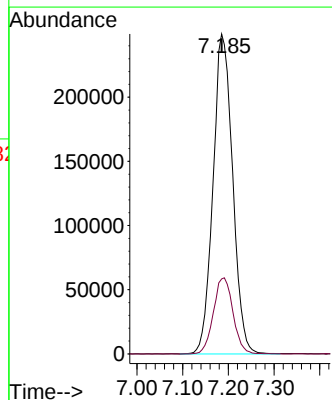
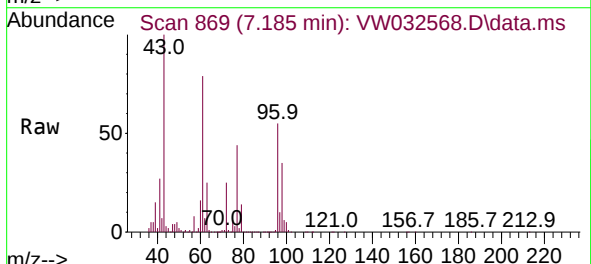
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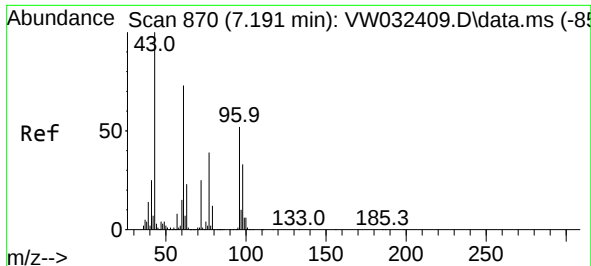
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 137.348 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 77 Resp: 742823
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7





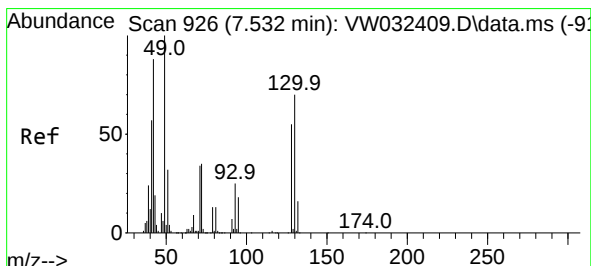
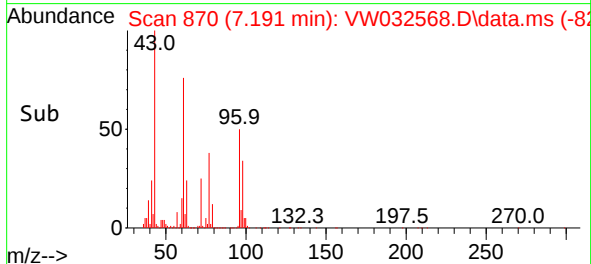
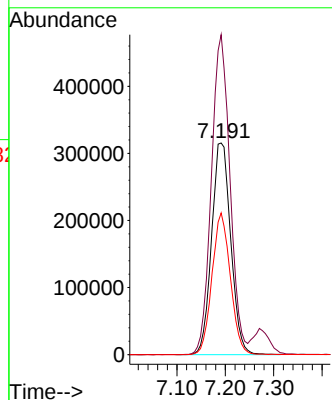
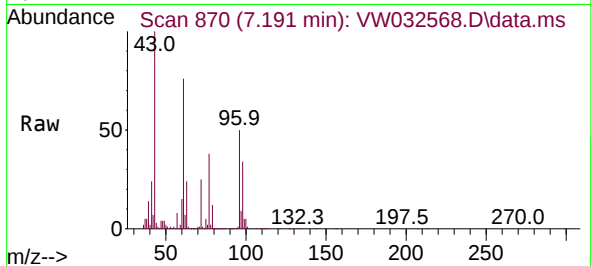
#27
 cis-1,2-Dichloroethene
 Concen: 155.080 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 867694
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 298.6
 98 64.1 0.0 129.2

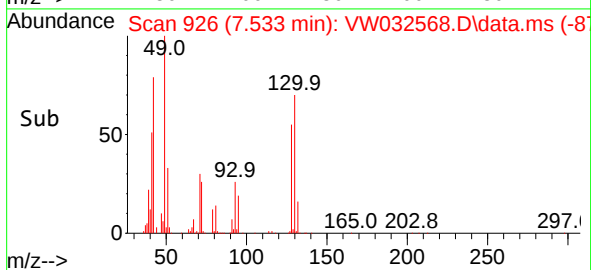
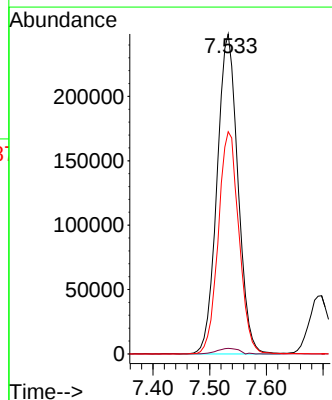
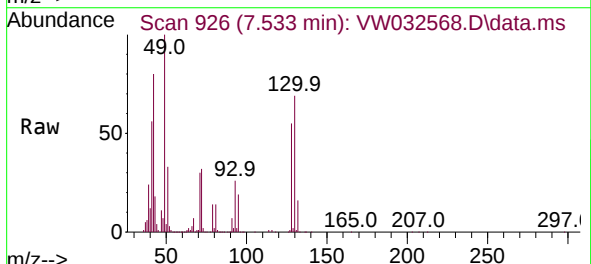
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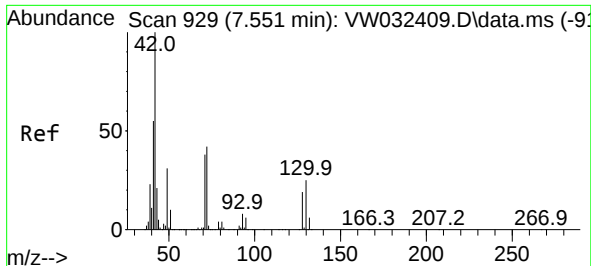
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#28
 Bromochloromethane
 Concen: 151.575 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

Tgt Ion: 49 Resp: 635234
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 68.6 54.1 81.1





#29

Tetrahydrofuran

Concen: 813.819 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 100004

Ion Ratio Lower Upper

42 100

72 41.0 32.4 48.6

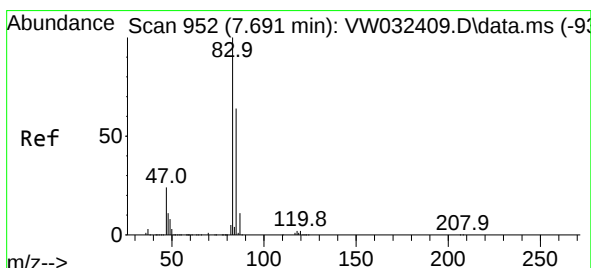
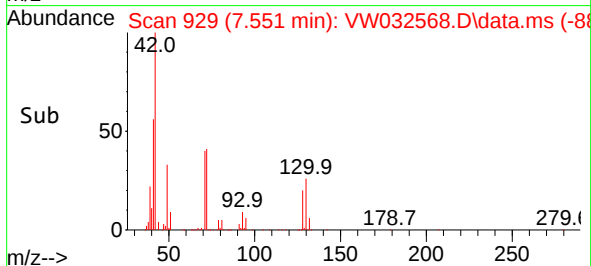
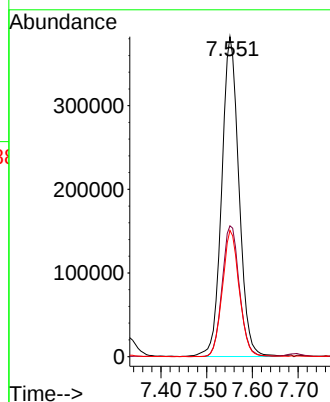
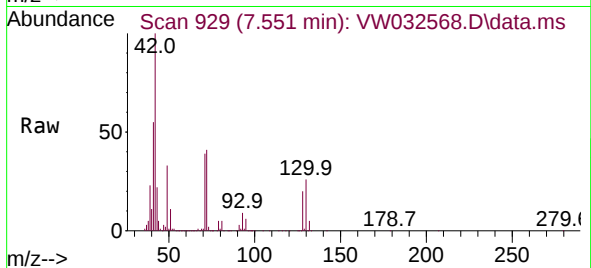
71 38.7 31.1 46.7

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Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 148.182 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.000 min

Lab File: VW032568.D

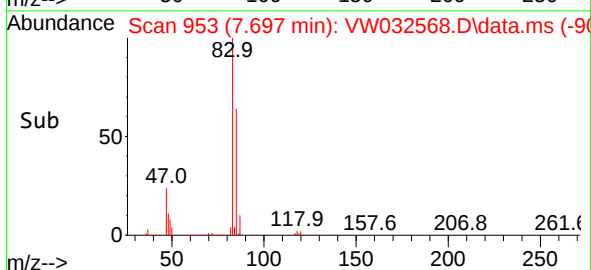
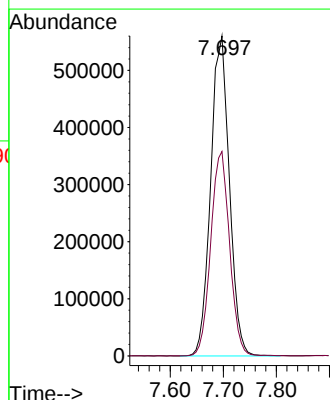
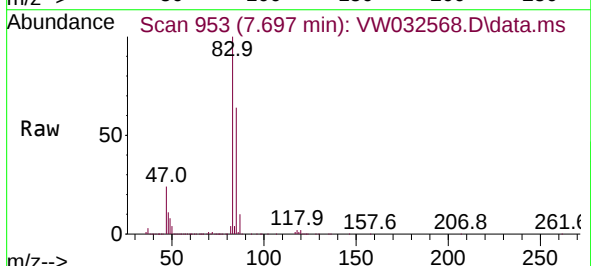
Acq: 03 Dec 2025 13:20

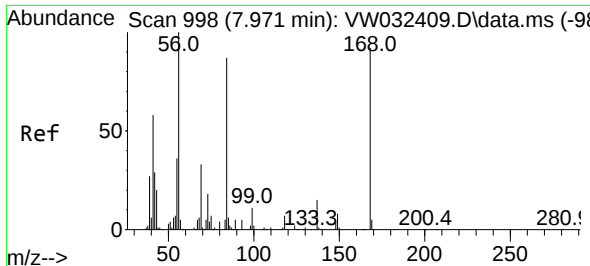
Tgt Ion: 83 Resp: 1372018

Ion Ratio Lower Upper

83 100

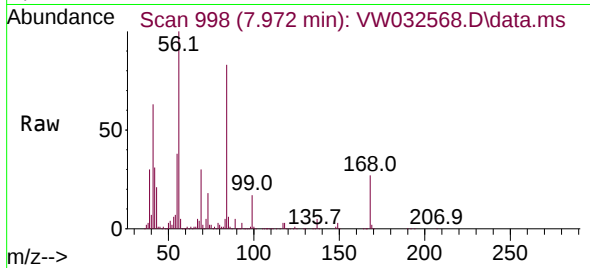
85 63.9 53.1 79.7





#31
Cyclohexane
Concen: 141.125 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

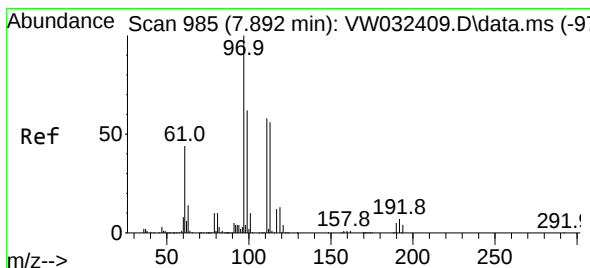
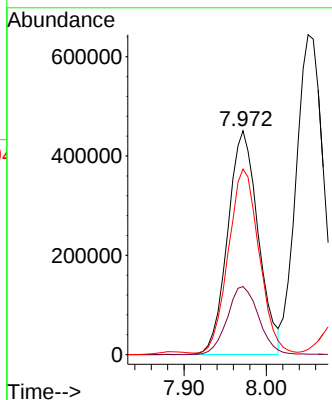
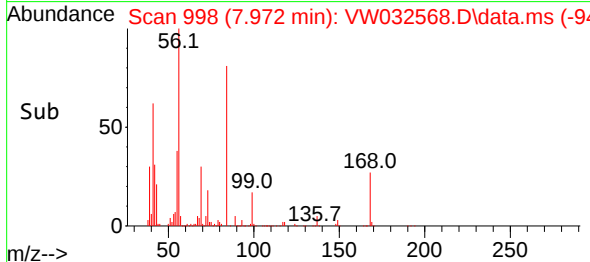
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



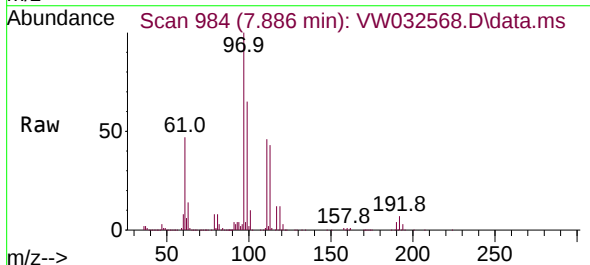
Tgt Ion: 56 Resp: 1160978
Ion Ratio Lower Upper
56 100
69 30.4 27.3 40.9
84 81.7 67.5 101.3

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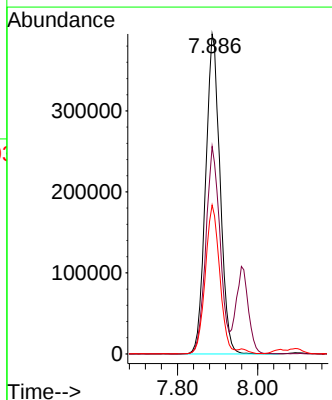
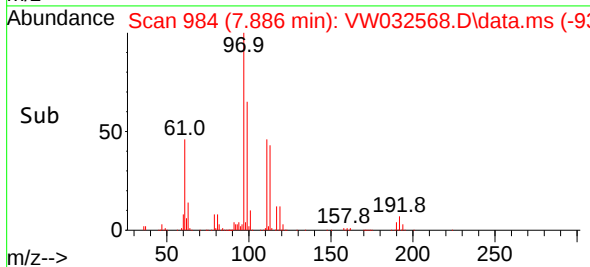
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

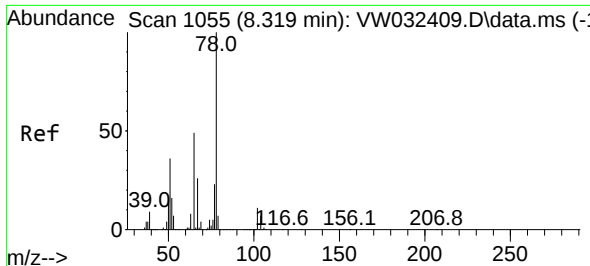


#32
1,1,1-Trichloroethane
Concen: 146.623 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



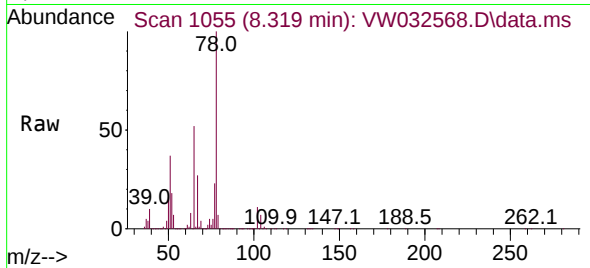
Tgt Ion: 97 Resp: 985298
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 46.5 37.8 56.8





#33
 1,2-Dichloroethane-d4
 Concen: 148.257 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

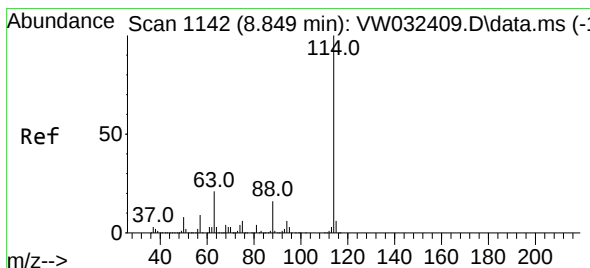
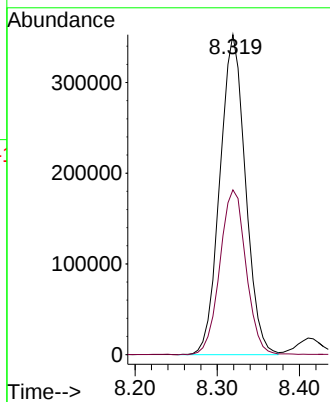
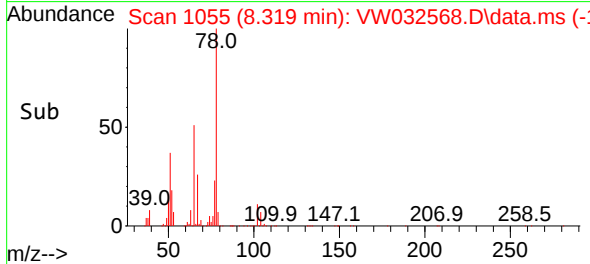
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150



Tgt Ion: 65 Resp: 760845
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.0

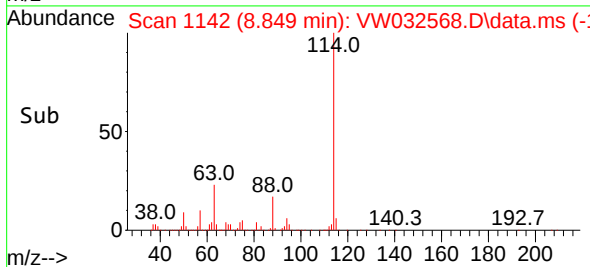
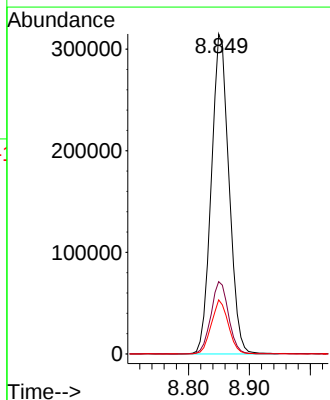
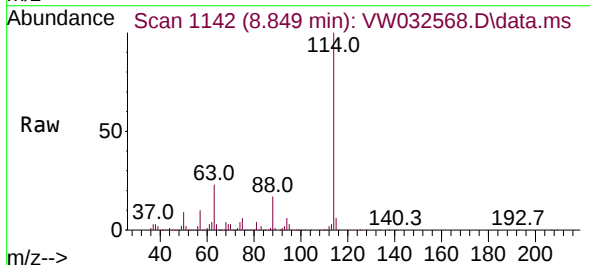
Manual Integrations
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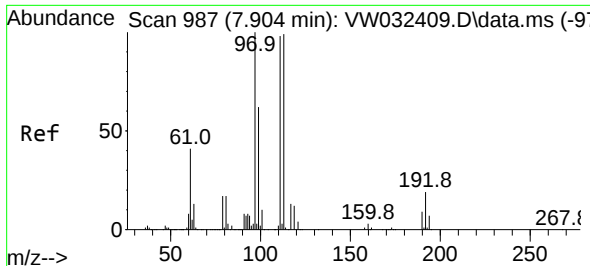
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

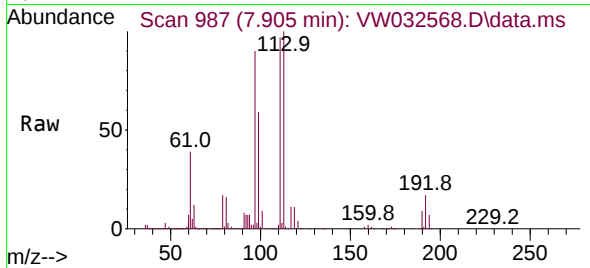
Tgt Ion:114 Resp: 632962
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 40.6
 88 16.9 0.0 31.2





#35
 Dibromofluoromethane
 Concen: 153.335 ug/l
 RT: 7.905 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

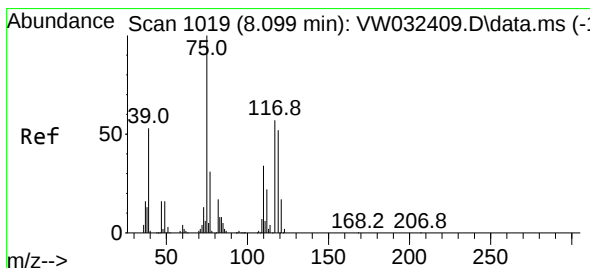
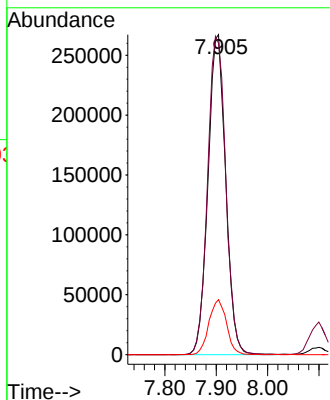
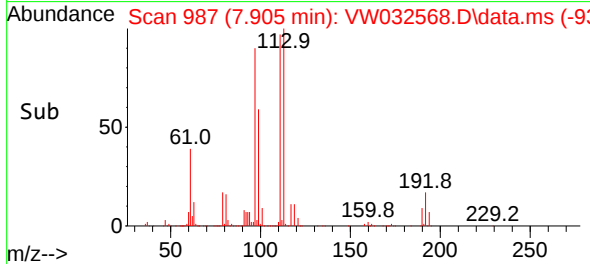
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150



Tgt Ion: 113 Resp: 638689
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.0
 192 17.1 13.4 20.2

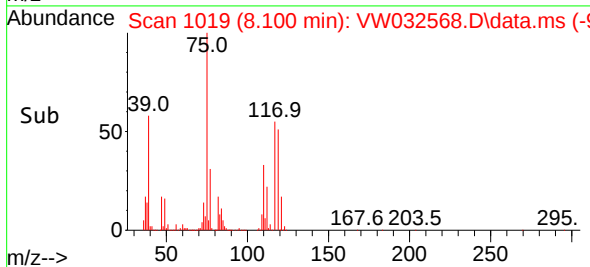
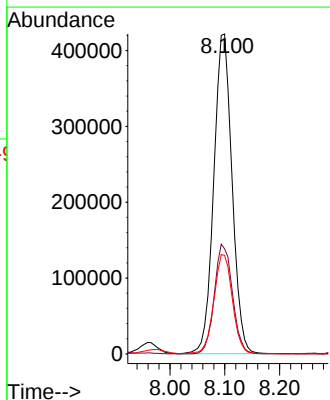
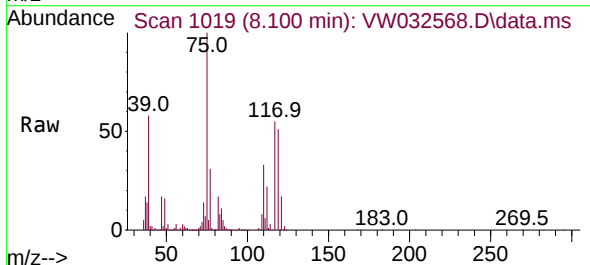
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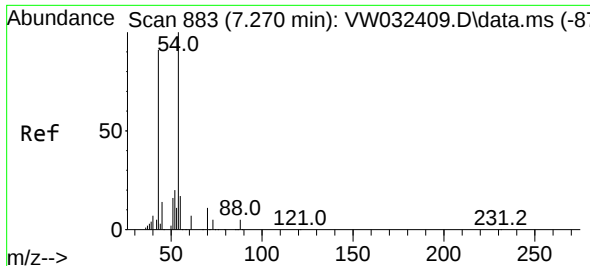
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#36
 1,1-Dichloropropene
 Concen: 153.595 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032568.D
 Acq: 03 Dec 2025 13:20

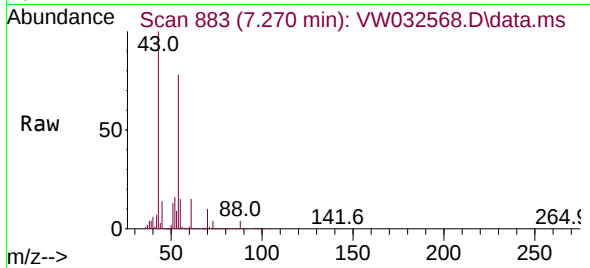
Tgt Ion: 75 Resp: 975846
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 31.4 24.6 37.0





#37
Ethyl Acetate
Concen: 155.028 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

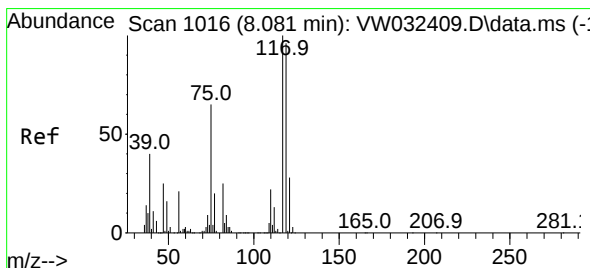
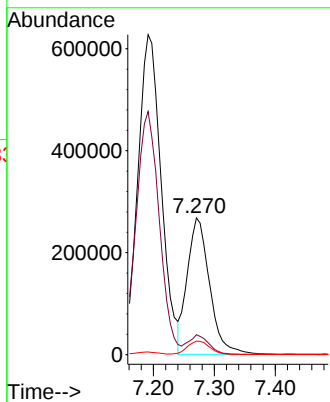
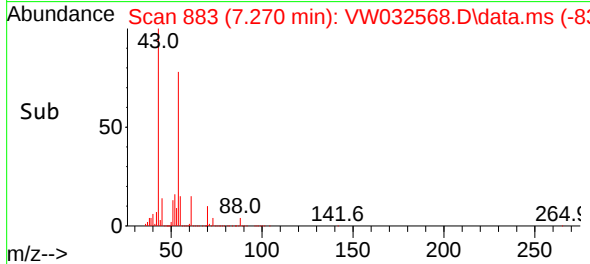
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 681623
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.1 7.9 11.9

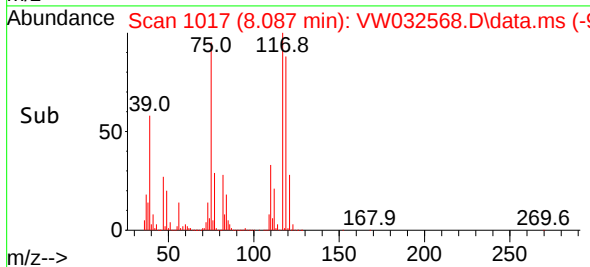
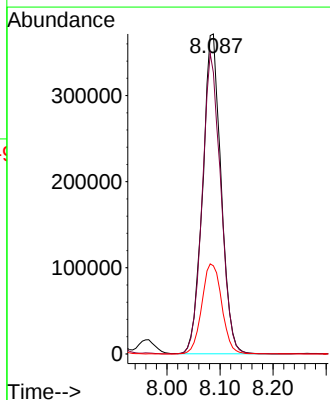
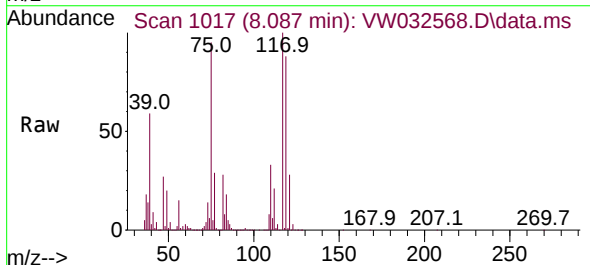
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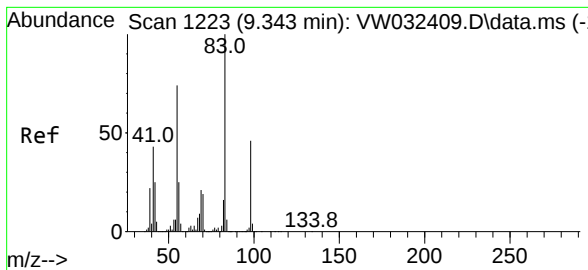
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#38
Carbon Tetrachloride
Concen: 151.197 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

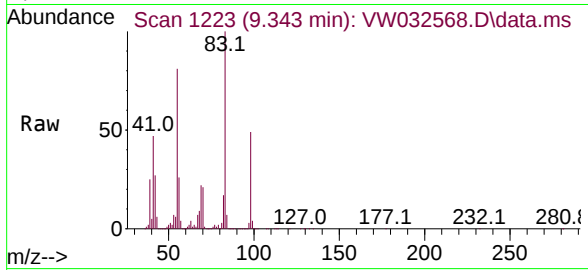
Tgt Ion:117 Resp: 892447
Ion Ratio Lower Upper
117 100
119 87.9 76.9 115.3
121 27.5 25.4 38.2





#39
Methylcyclohexane
Concen: 158.653 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

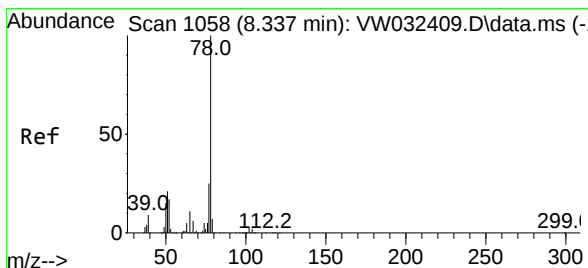
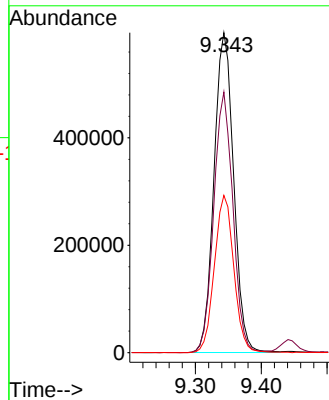
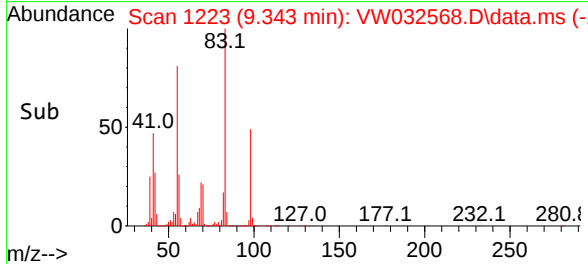
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 1230826
Ion Ratio Lower Upper
83 100
55 81.4 64.9 97.3
98 49.1 36.2 54.4

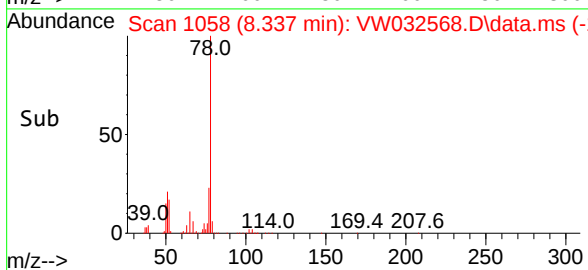
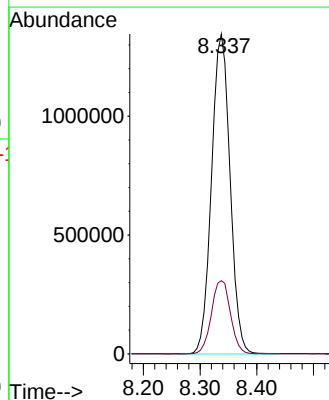
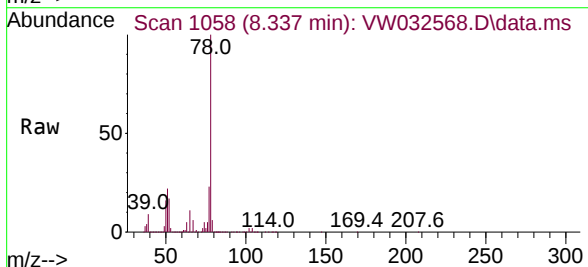
Manual Integrations
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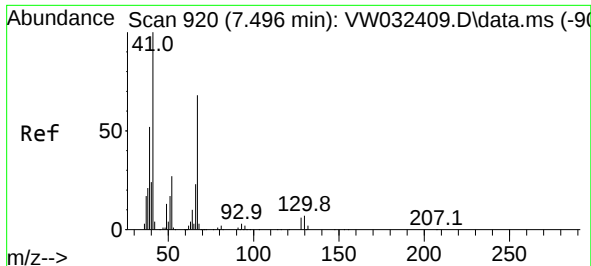
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#40
Benzene
Concen: 150.785 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 78 Resp: 3052873
Ion Ratio Lower Upper
78 100
77 22.9 20.0 30.0





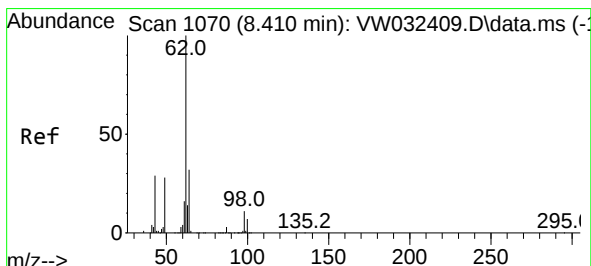
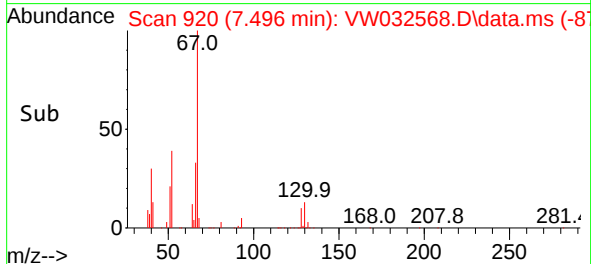
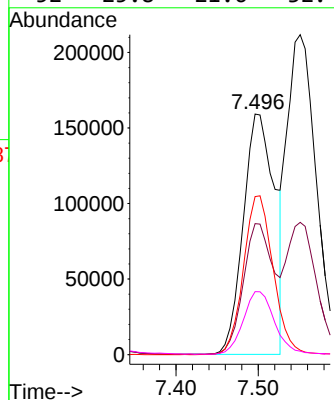
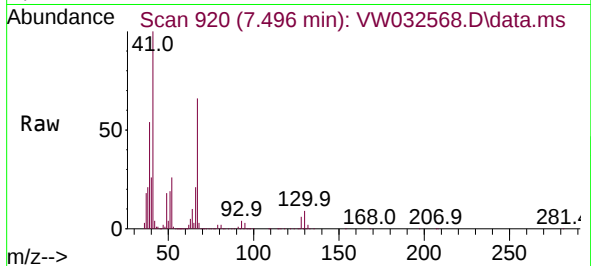
#41
Methacrylonitrile
Concen: 178.472 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 424590
Ion Ratio Lower Upper
41 100
39 52.8 38.5 57.7
67 62.4 49.8 74.6
52 25.8 21.6 32.4

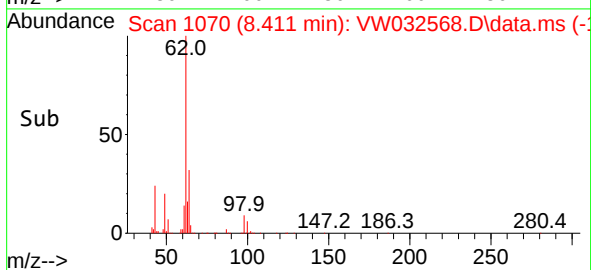
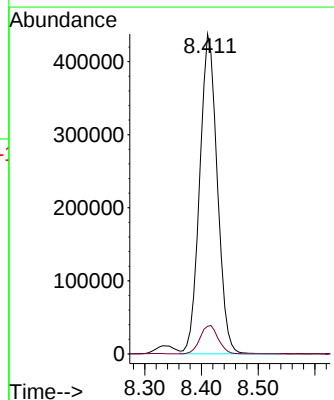
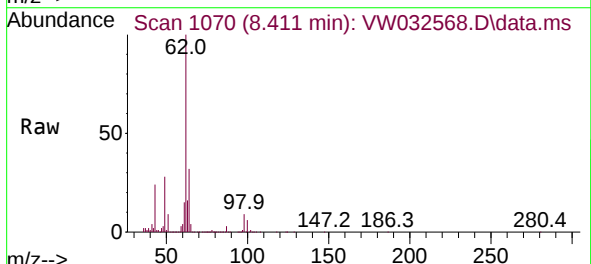
Manual Integrations
APPROVED

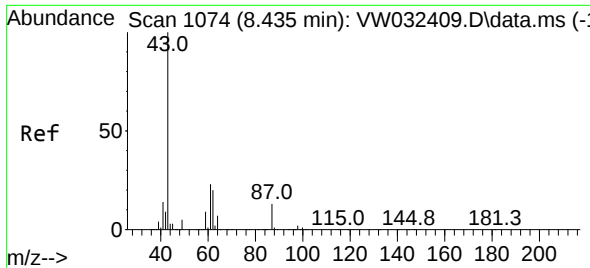
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 151.647 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

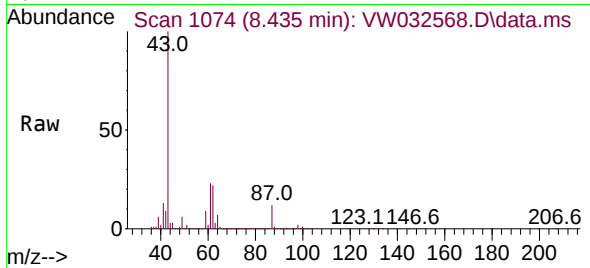
Tgt Ion: 62 Resp: 941373
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.0





#43
Isopropyl Acetate
Concen: 163.523 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

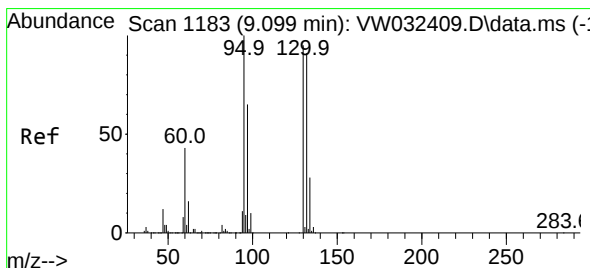
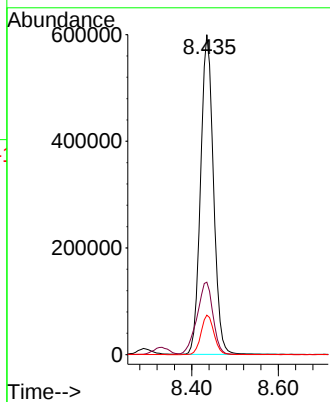
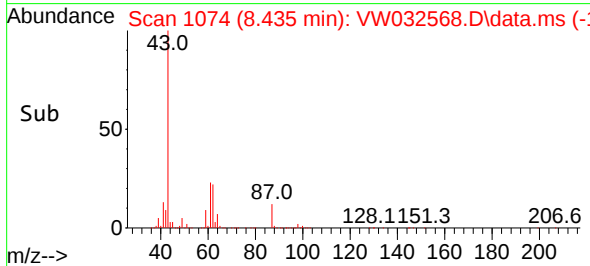
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



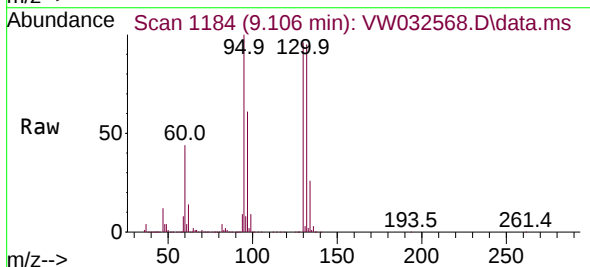
Tgt Ion: 43 Resp: 1235816
Ion Ratio Lower Upper
43 100
61 28.2 22.3 33.5
87 12.4 9.9 14.9

Manual Integrations
APPROVED

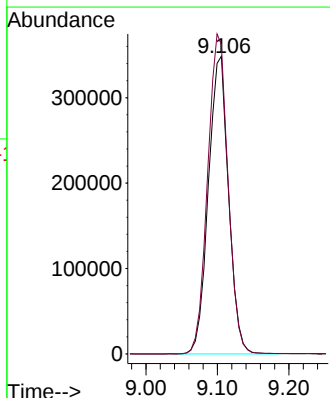
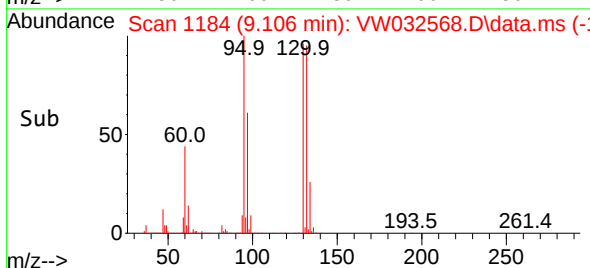
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

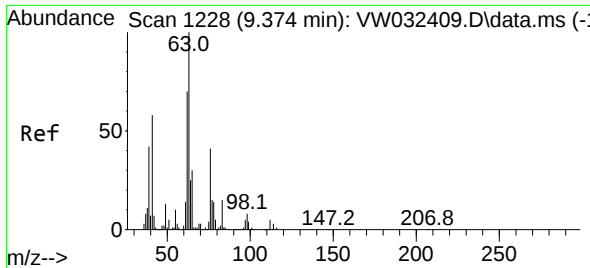


#44
Trichloroethene
Concen: 150.982 ug/l
RT: 9.106 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



Tgt Ion:130 Resp: 683213
Ion Ratio Lower Upper
130 100
95 103.8 0.0 190.4





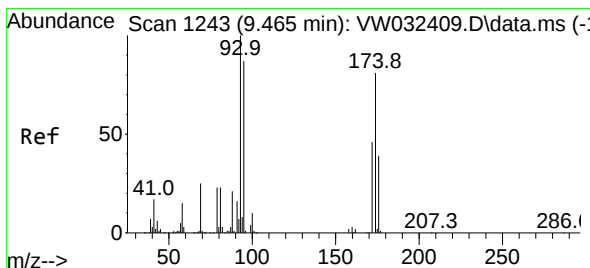
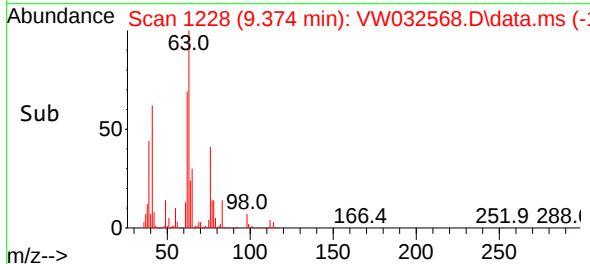
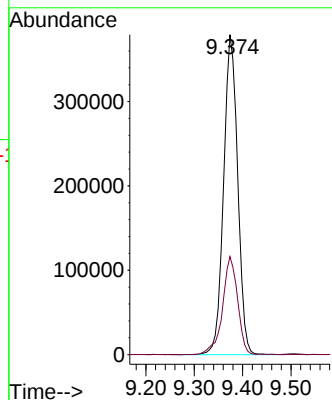
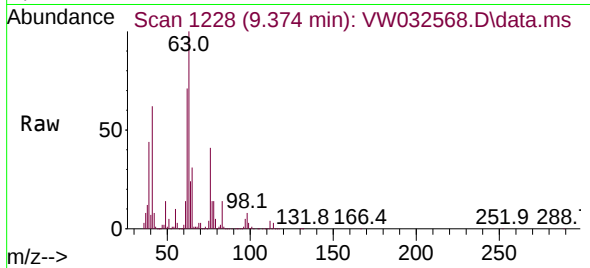
#45
1,2-Dichloropropane
Concen: 152.411 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 766452
Ion Ratio Lower Upper
63 100
65 30.6 26.5 39.7

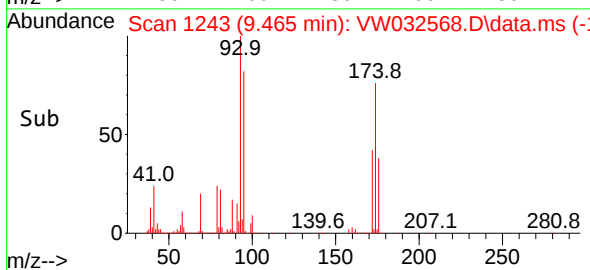
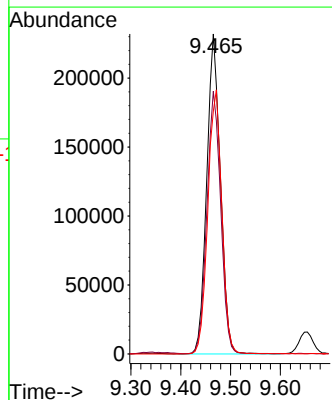
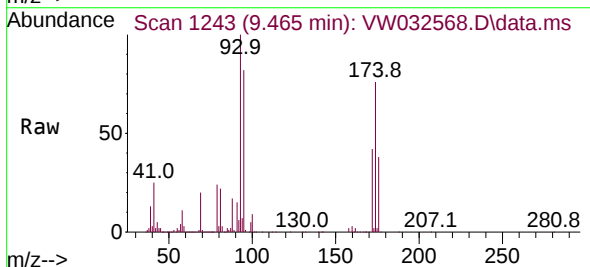
Manual Integrations
APPROVED

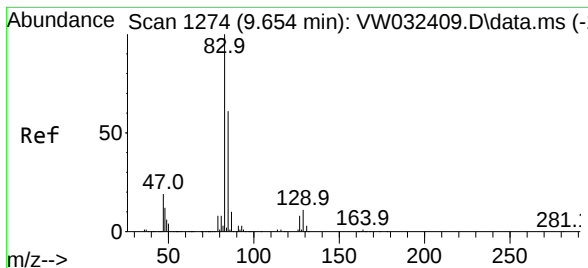
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#46
Dibromomethane
Concen: 152.131 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 93 Resp: 442404
Ion Ratio Lower Upper
93 100
95 82.8 66.4 99.6
174 84.1 65.3 97.9





#47

Bromodichloromethane

Concen: 158.352 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 1079333

Ion Ratio Lower Upper

83 100

85 62.1 50.8 76.2

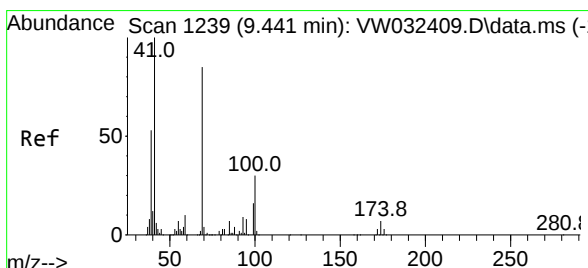
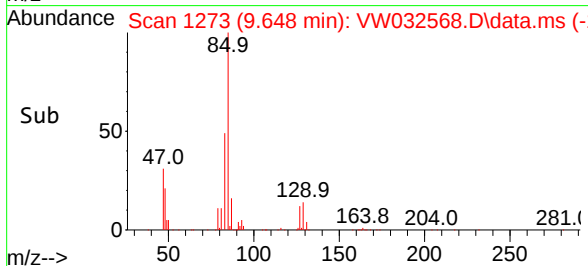
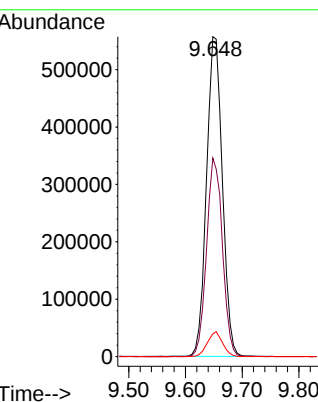
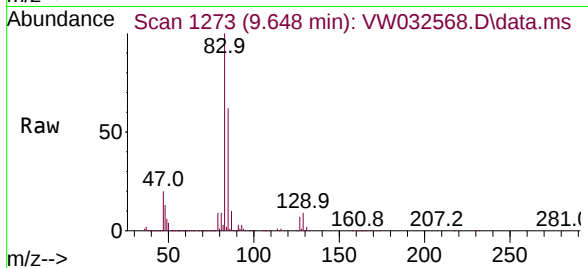
127 7.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#48

Methyl methacrylate

Concen: 170.511 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

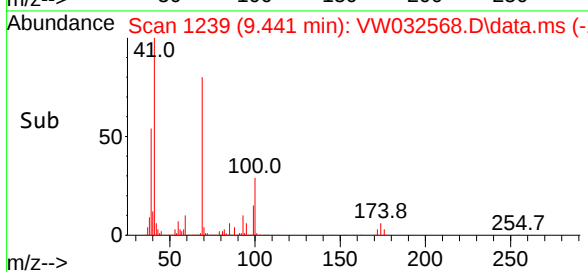
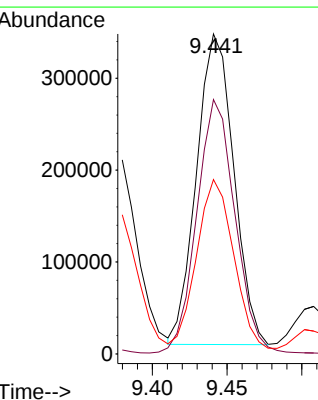
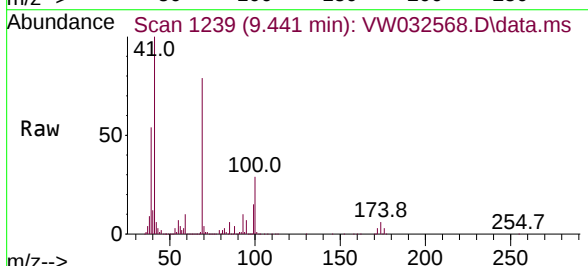
Tgt Ion: 41 Resp: 585778

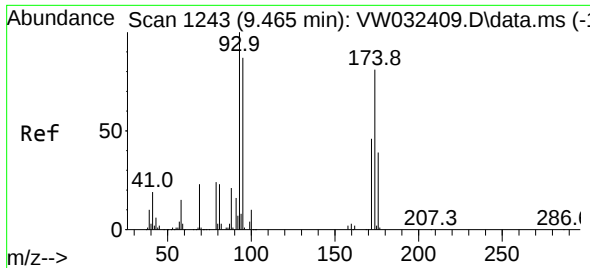
Ion Ratio Lower Upper

41 100

69 84.5 62.1 93.1

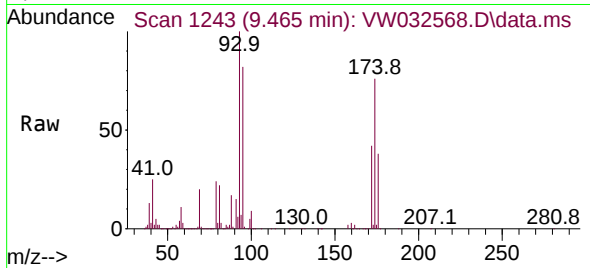
39 53.5 39.1 58.7





#49
1,4-Dioxane
Concen: 3464.888 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

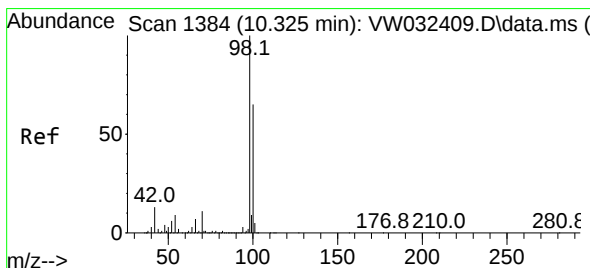
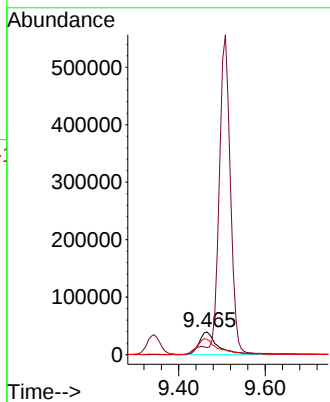
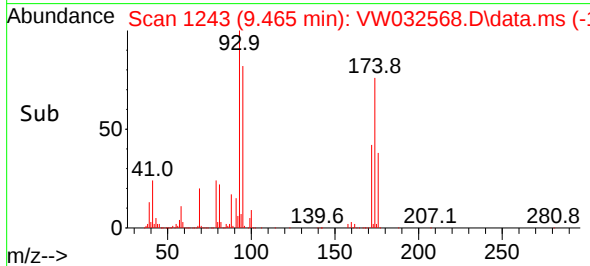
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 120400
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.7 65.2 97.8

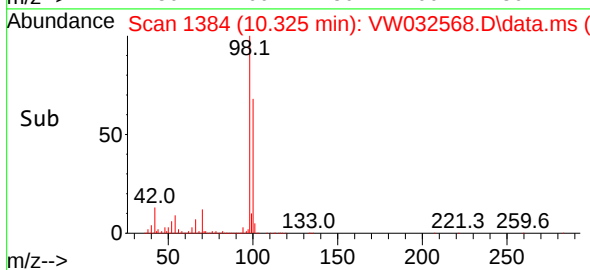
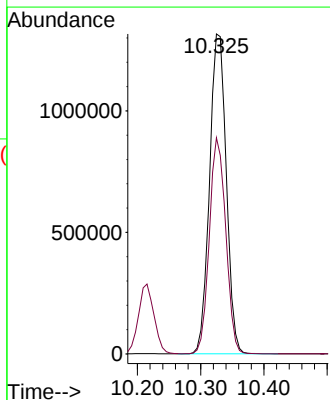
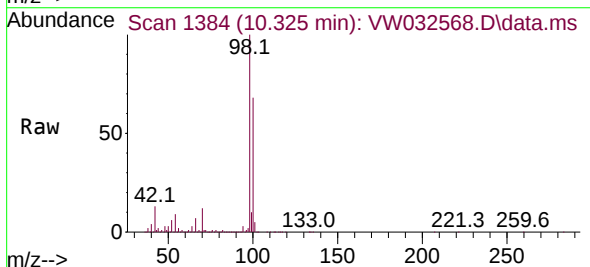
Manual Integrations
APPROVED

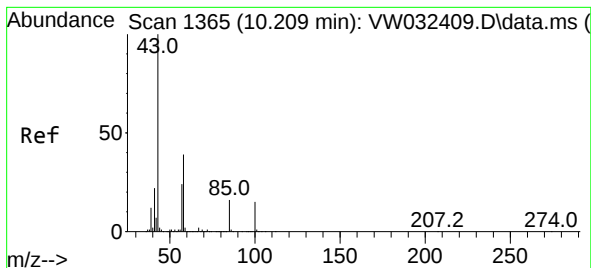
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#50
Toluene-d8
Concen: 154.712 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 98 Resp: 2424884
Ion Ratio Lower Upper
98 100
100 66.2 54.7 82.1





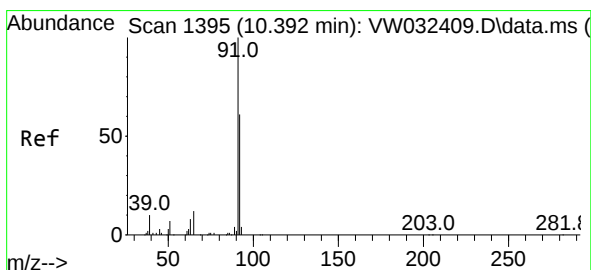
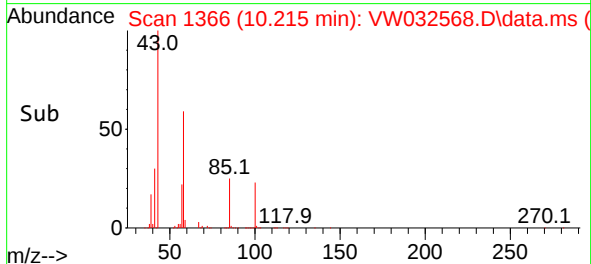
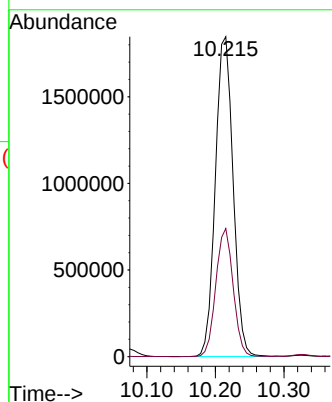
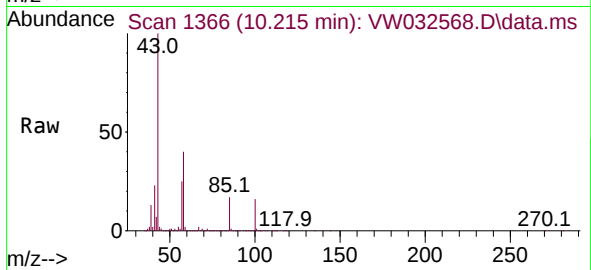
#51
4-Methyl-2-Pentanone
Concen: 796.619 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 3331273
Ion Ratio Lower Upper
43 100
58 39.1 30.5 45.7

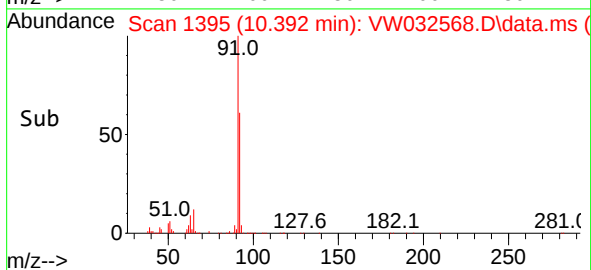
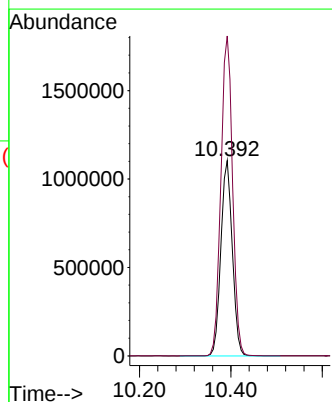
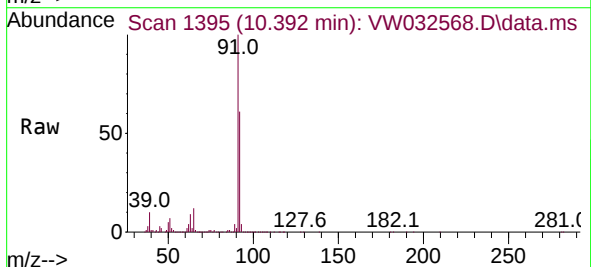
Manual Integrations
APPROVED

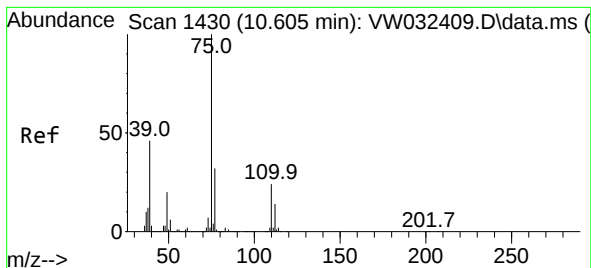
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 156.851 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 92 Resp: 1913501
Ion Ratio Lower Upper
92 100
91 167.5 138.6 207.8





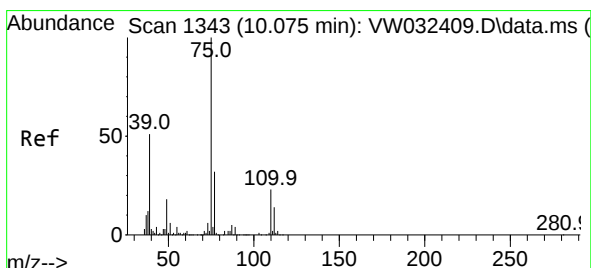
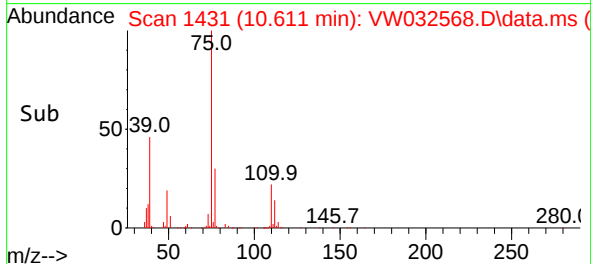
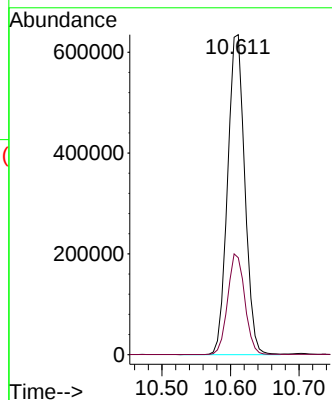
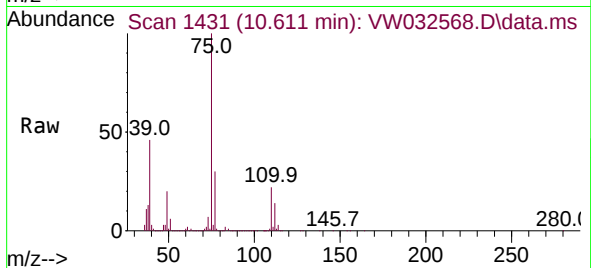
#53
t-1,3-Dichloropropene
Concen: 169.147 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 110604
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9

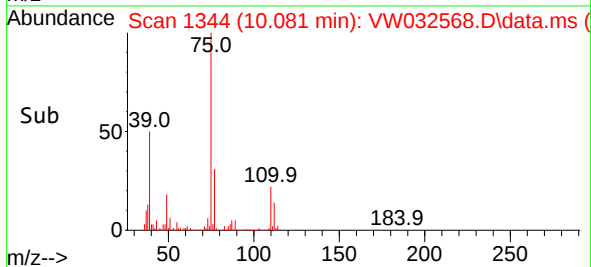
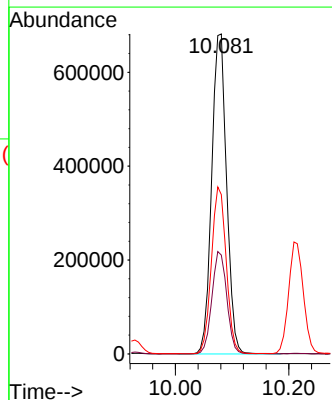
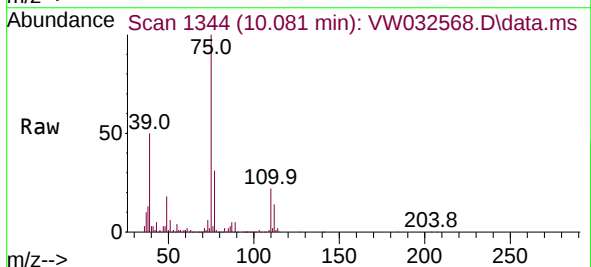
Manual Integrations
APPROVED

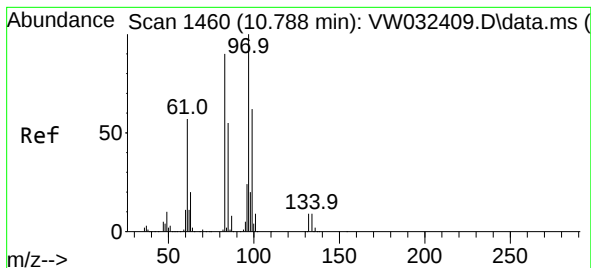
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 161.865 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

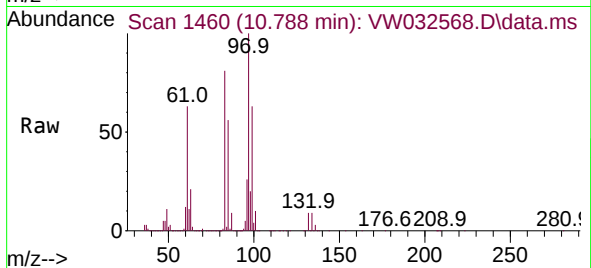
Tgt Ion: 75 Resp: 1242091
Ion Ratio Lower Upper
75 100
77 30.9 26.5 39.7
39 49.7 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 152.619 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

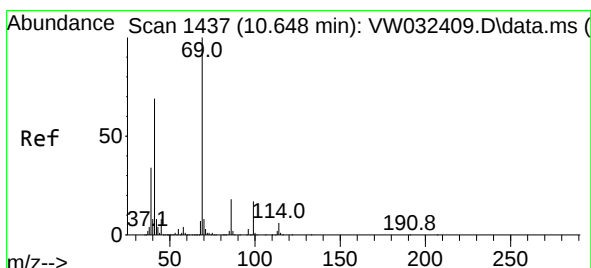
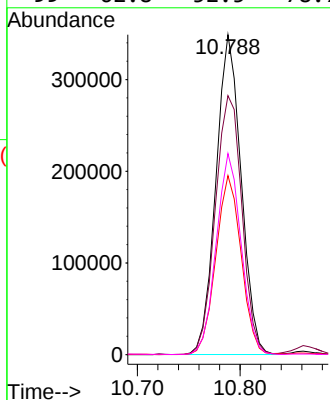
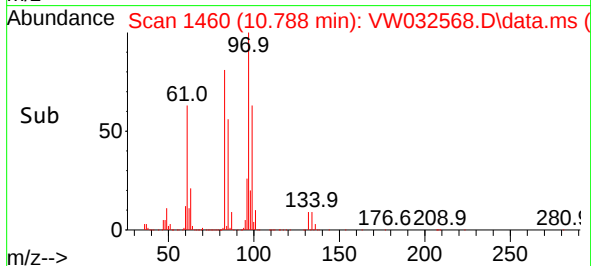
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



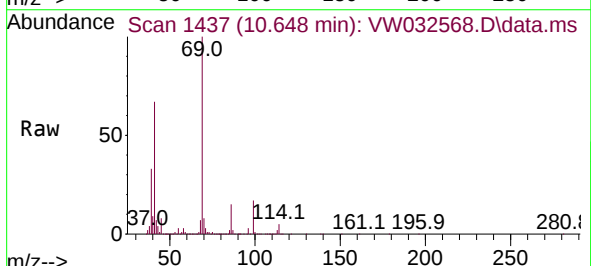
Tgt Ion: 97 Resp: 594451
Ion Ratio Lower Upper
97 100
83 80.9 76.3 114.5
85 55.9 46.1 69.1
99 62.8 52.5 78.7

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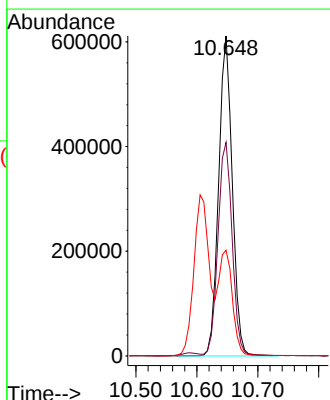
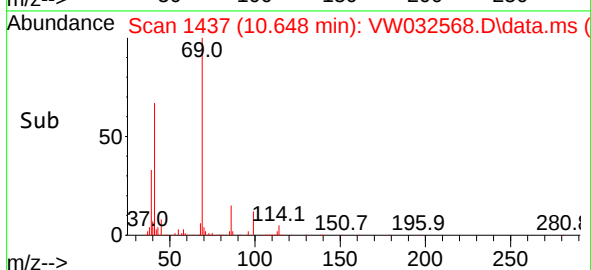
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

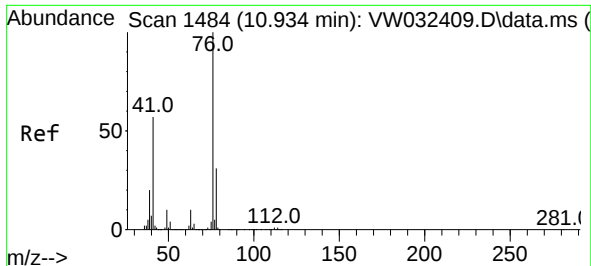


#56
Ethyl methacrylate
Concen: 176.082 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



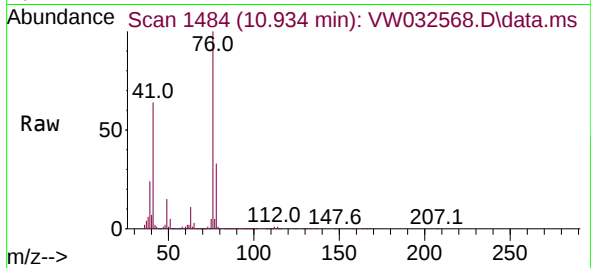
Tgt Ion: 69 Resp: 948462
Ion Ratio Lower Upper
69 100
41 69.2 56.2 84.4
39 32.8 26.9 40.3





#57
1,3-Dichloropropane
Concen: 152.538 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

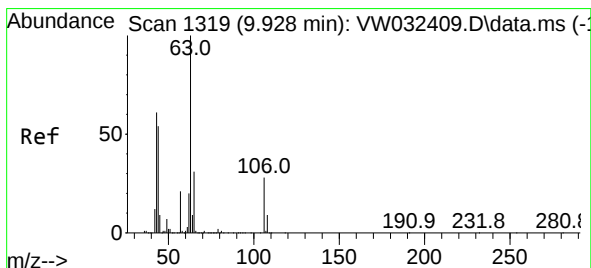
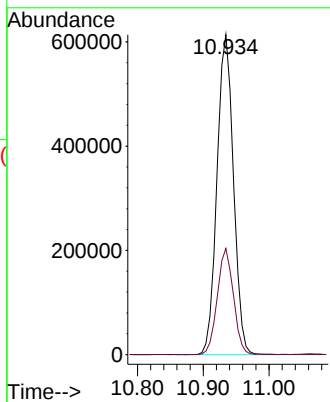
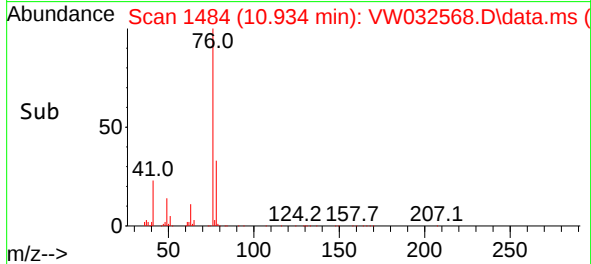
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



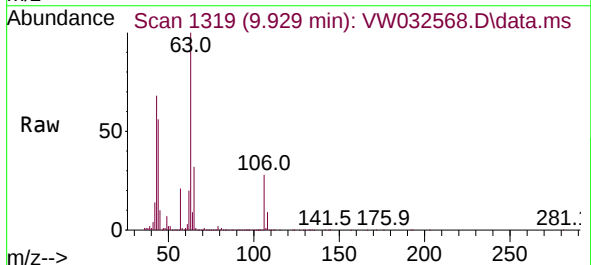
Tgt Ion: 76 Resp: 1060340
Ion Ratio Lower Upper
76 100
78 32.4 25.4 38.0

Manual Integrations
APPROVED

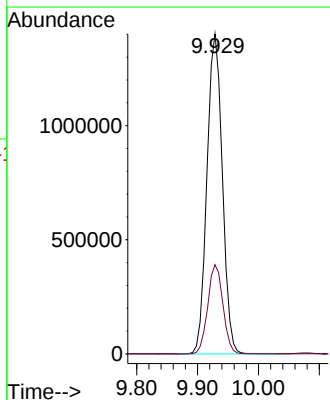
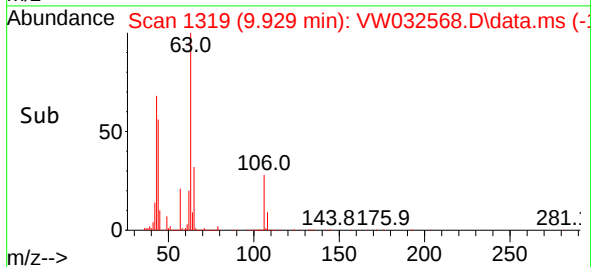
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

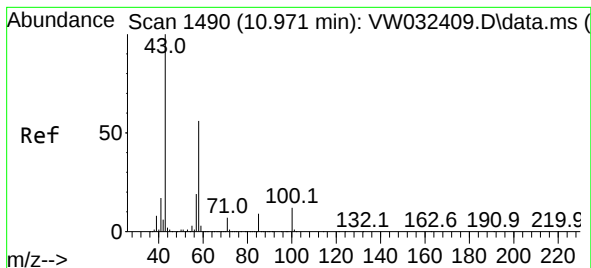


#58
2-Chloroethyl Vinyl ether
Concen: 870.246 ug/l
RT: 9.929 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



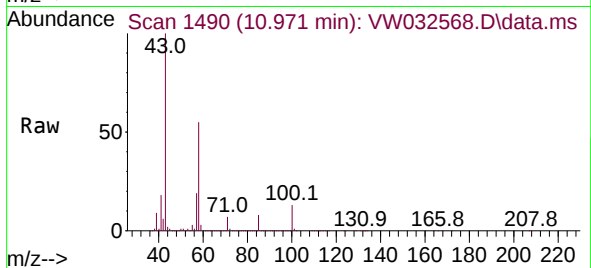
Tgt Ion: 63 Resp: 2456147
Ion Ratio Lower Upper
63 100
106 27.5 21.5 32.3





#59
2-Hexanone
Concen: 829.176 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

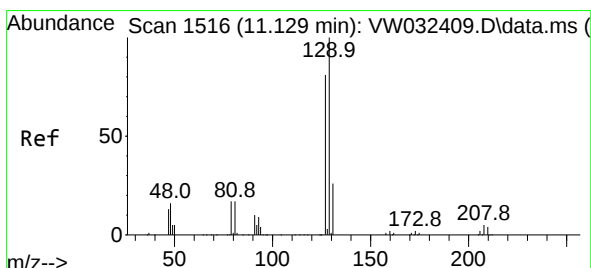
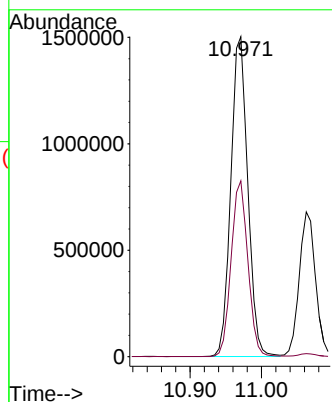
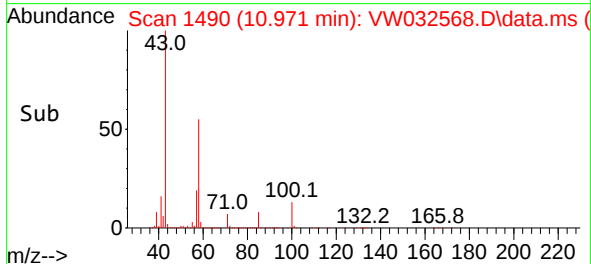
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150



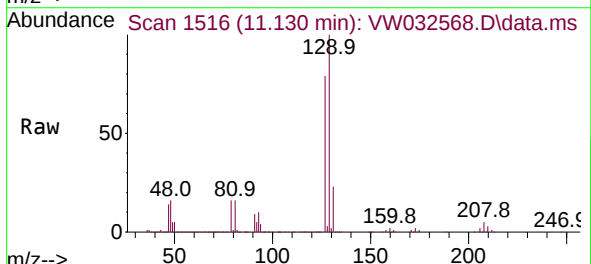
Tgt Ion: 43 Resp: 2469400
Ion Ratio Lower Upper
43 100
58 54.3 26.2 78.6

Manual Integrations
APPROVED

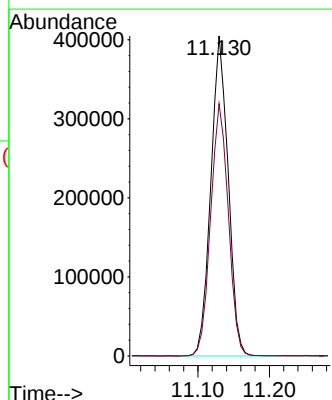
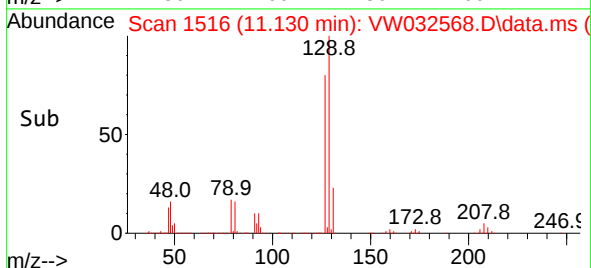
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

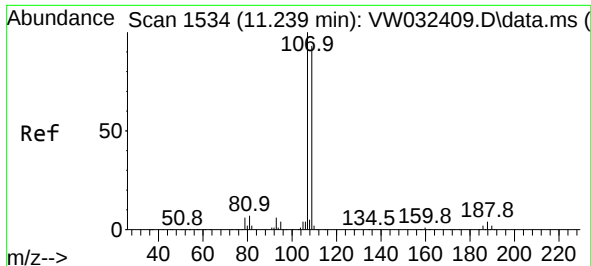


#60
Dibromochloromethane
Concen: 156.162 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



Tgt Ion:129 Resp: 681720
Ion Ratio Lower Upper
129 100
127 80.5 40.9 122.8





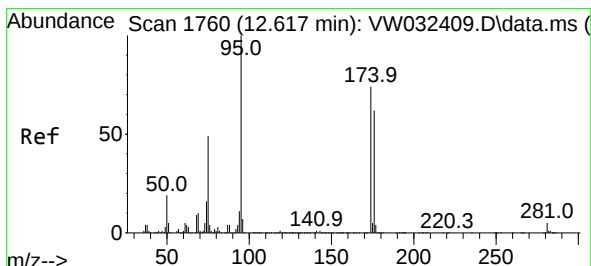
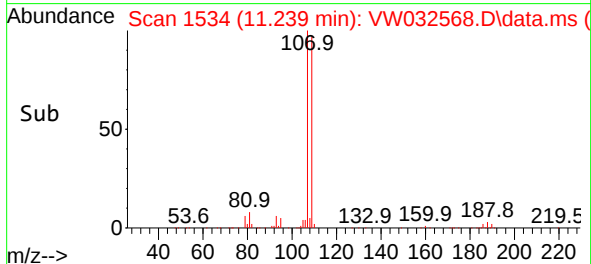
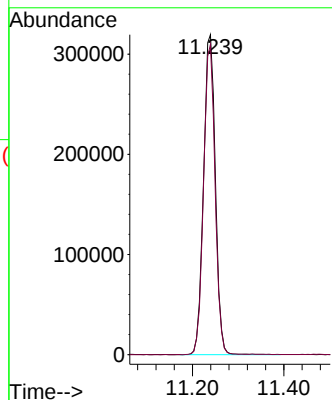
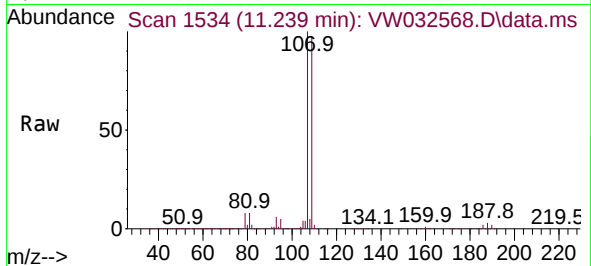
#61
1,2-Dibromoethane
Concen: 154.336 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 571696
Ion Ratio Lower Upper
107 100
109 94.6 77.5 116.3

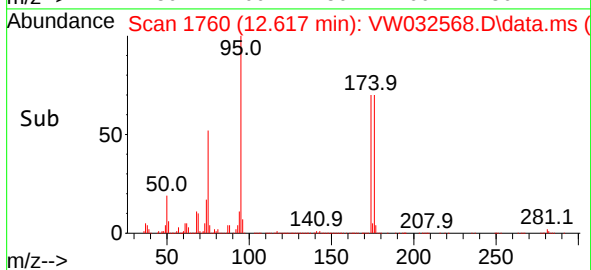
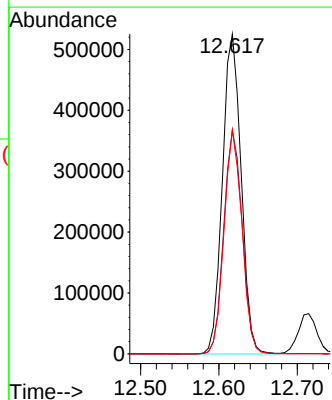
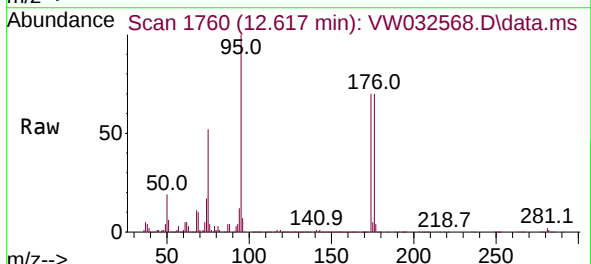
Manual Integrations
APPROVED

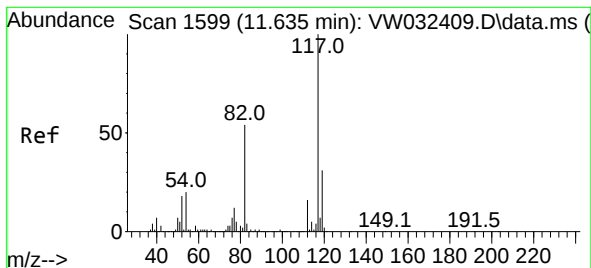
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#62
4-Bromofluorobenzene
Concen: 150.085 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 95 Resp: 869102
Ion Ratio Lower Upper
95 100
174 69.3 0.0 141.2
176 67.1 0.0 130.8





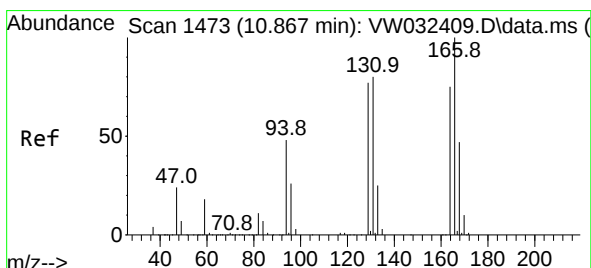
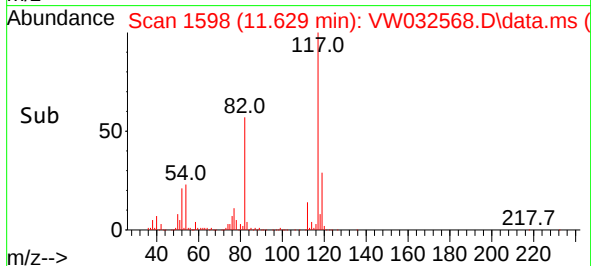
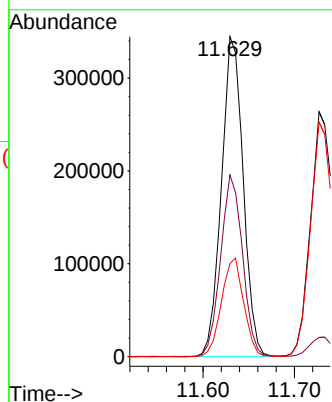
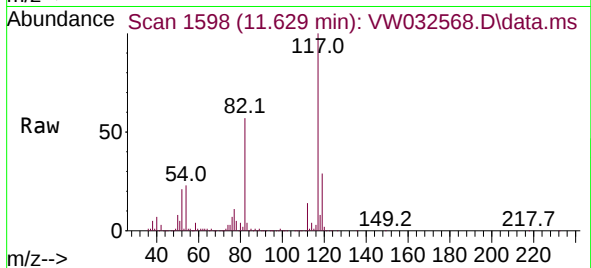
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 569805
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 29.1 26.3 39.5

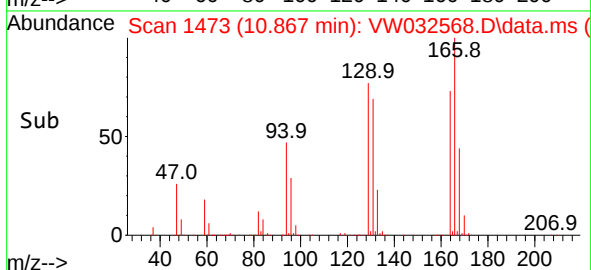
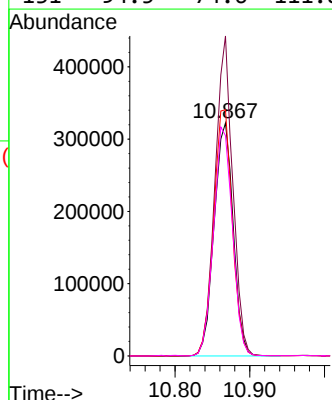
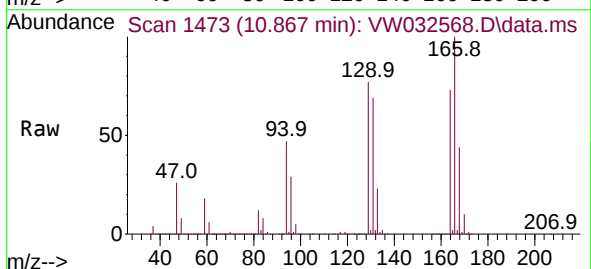
Manual Integrations
APPROVED

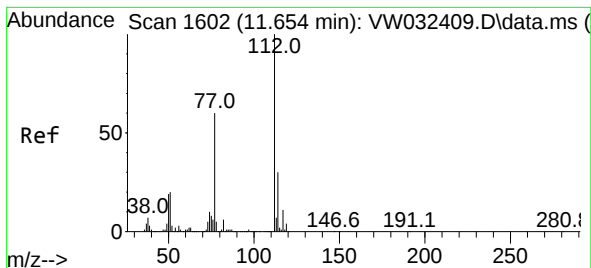
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 150.101 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

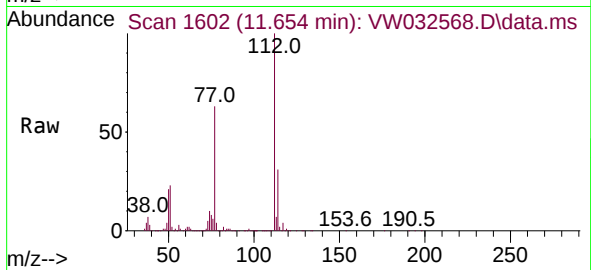
Tgt Ion:164 Resp: 570454
Ion Ratio Lower Upper
164 100
166 137.4 97.3 145.9
129 105.7 75.7 113.5
131 94.5 74.6 111.8





#65
Chlorobenzene
Concen: 151.987 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

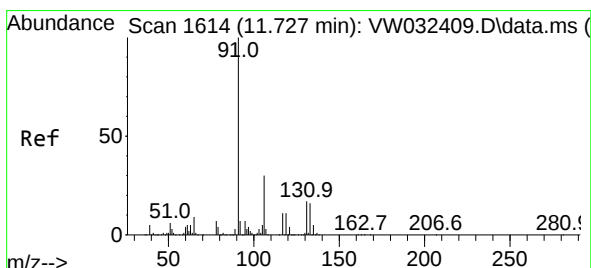
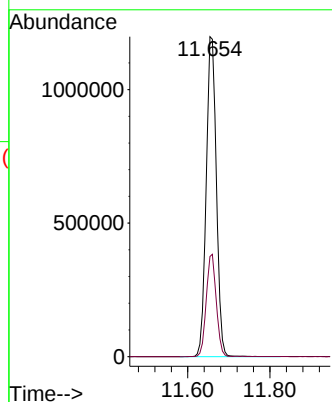
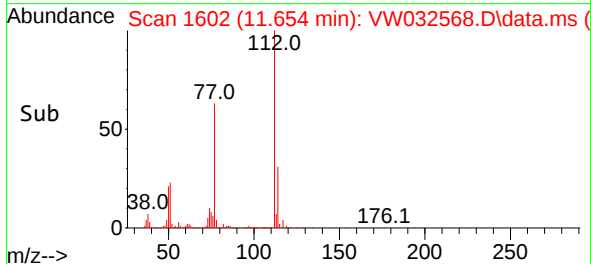
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



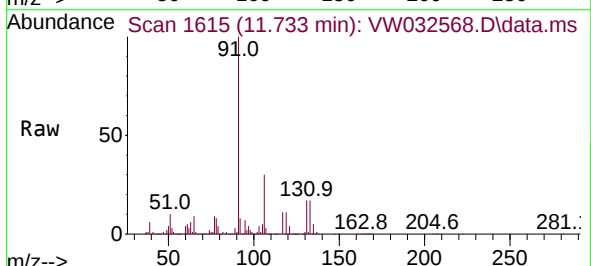
Tgt Ion:112 Resp: 2046322
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3

Manual Integrations
APPROVED

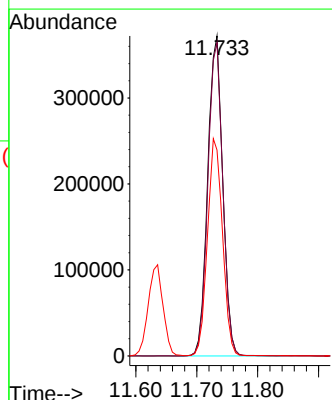
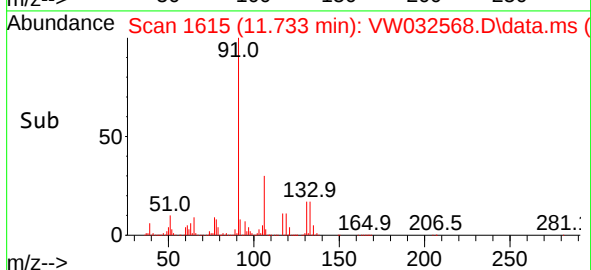
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

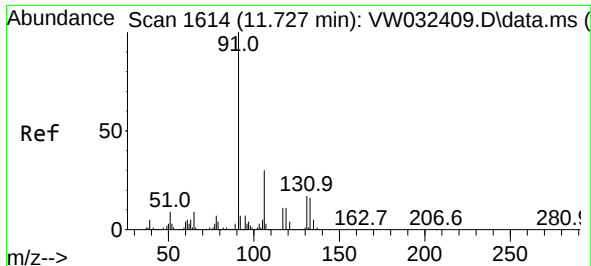


#66
1,1,1,2-Tetrachloroethane
Concen: 152.732 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



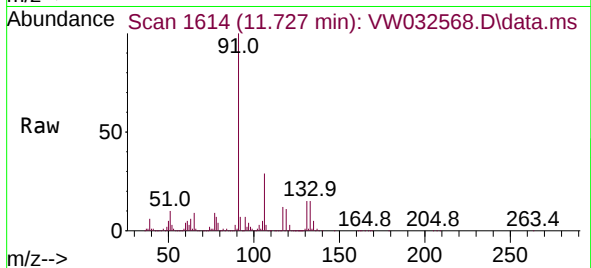
Tgt Ion:131 Resp: 636011
Ion Ratio Lower Upper
131 100
133 97.1 47.4 142.3
119 68.1 32.2 96.6





#67
Ethyl Benzene
Concen: 160.796 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

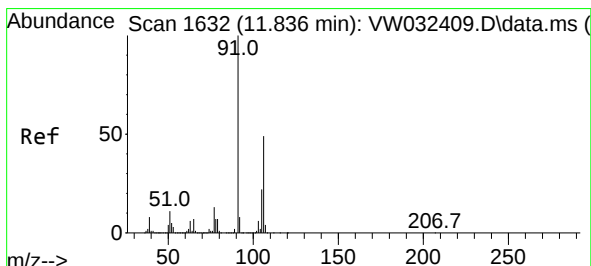
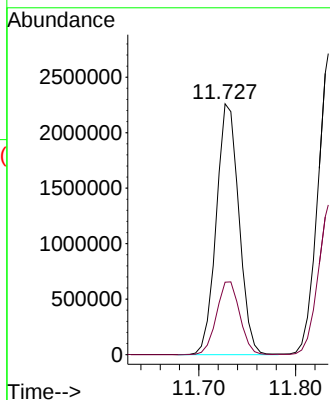
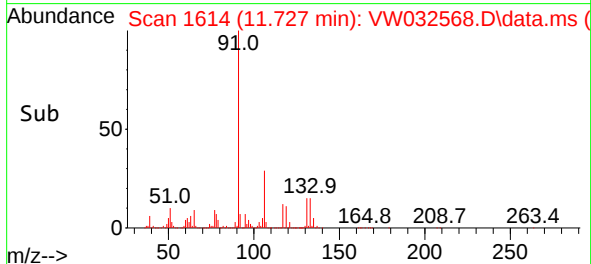
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



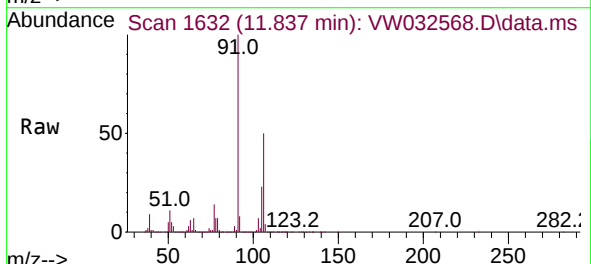
Tgt Ion: 91 Resp: 3674648
Ion Ratio Lower Upper
91 100
106 28.8 23.0 34.6

Manual Integrations
APPROVED

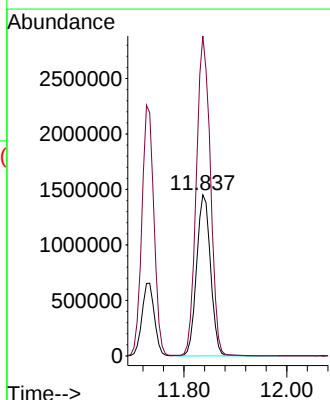
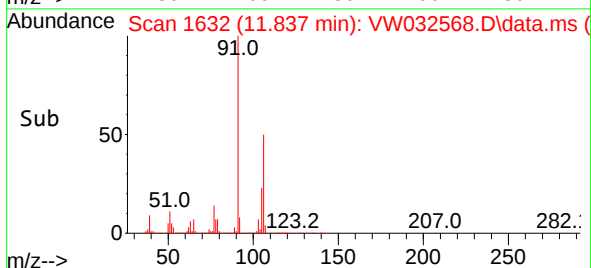
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

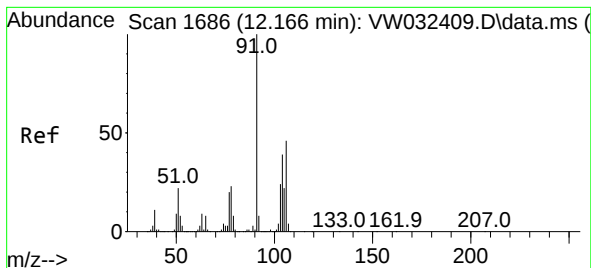


#68
m/p-Xylenes
Concen: 313.781 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



Tgt Ion:106 Resp: 2726282
Ion Ratio Lower Upper
106 100
91 200.7 163.3 244.9





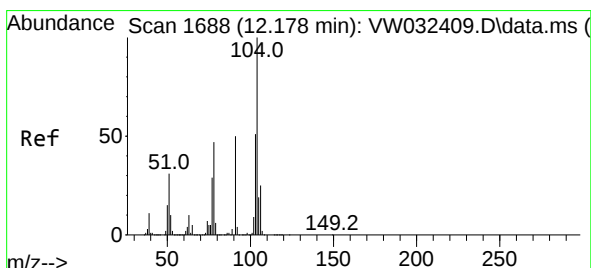
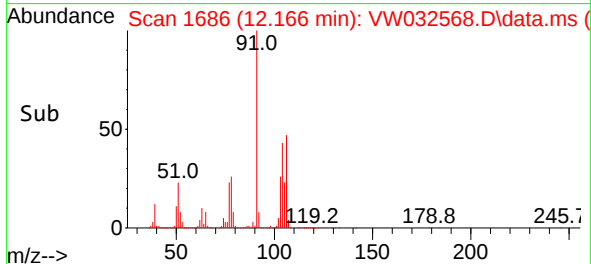
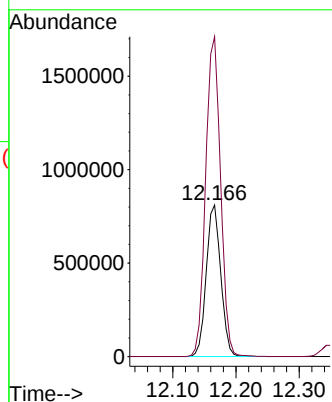
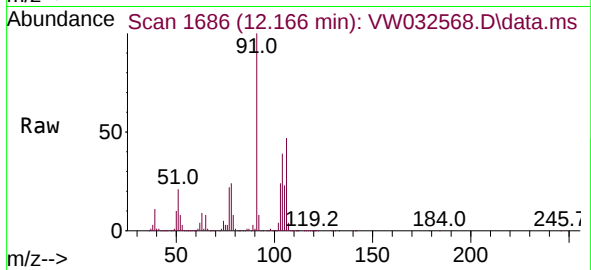
#69
o-Xylene
Concen: 161.908 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 1288302
Ion Ratio Lower Upper
106 100
91 216.5 104.1 312.3

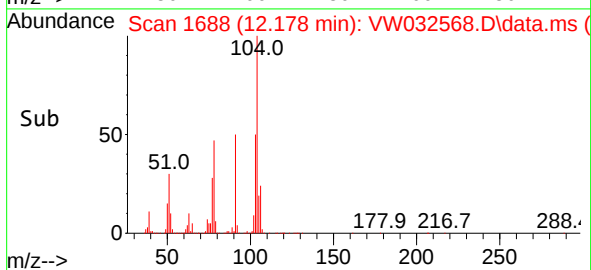
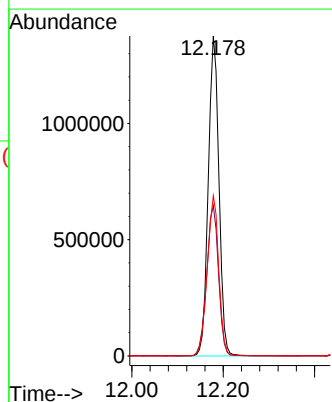
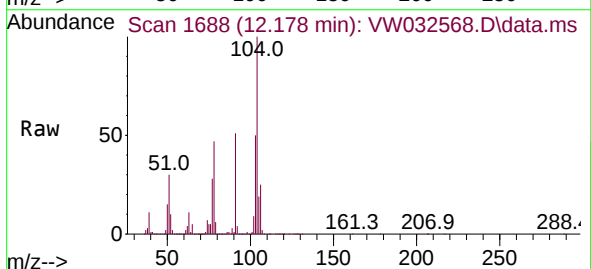
Manual Integrations
APPROVED

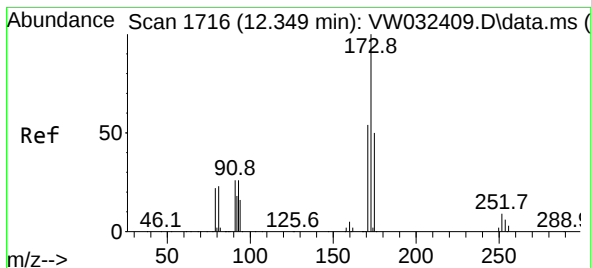
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 160.096 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

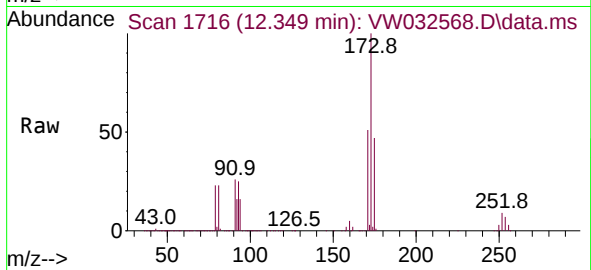
Tgt Ion:104 Resp: 2234499
Ion Ratio Lower Upper
104 100
78 51.8 40.8 61.2
103 54.0 43.3 64.9





#71
Bromoform
Concen: 167.831 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

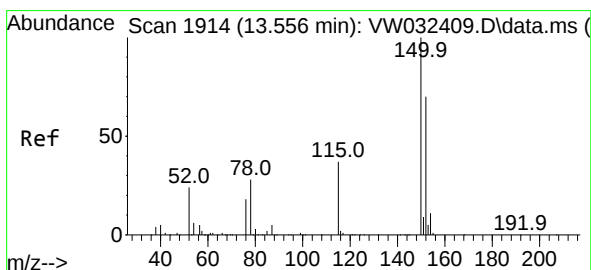
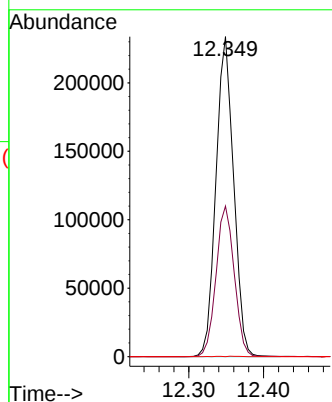
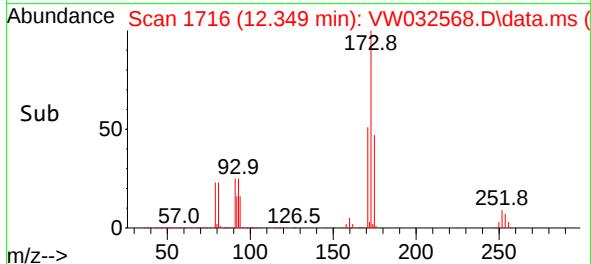
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



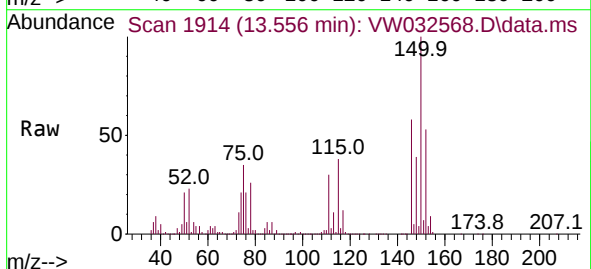
Tgt Ion:173 Resp: 384325
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.1 0.2 0.2

Manual Integrations
APPROVED

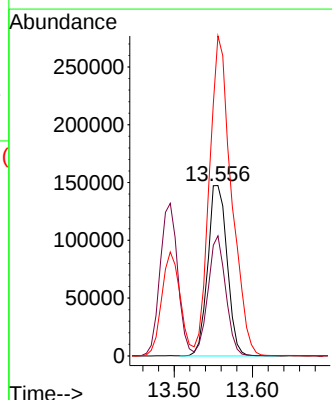
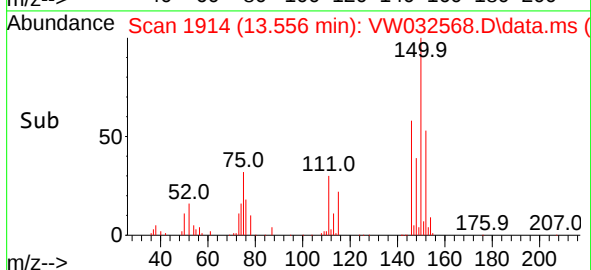
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

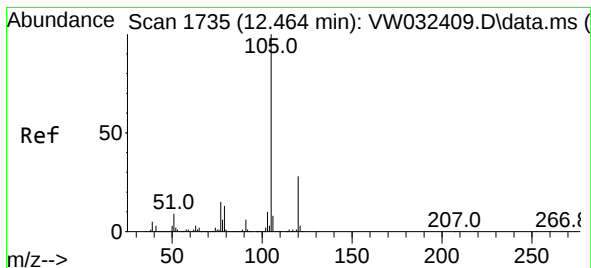


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



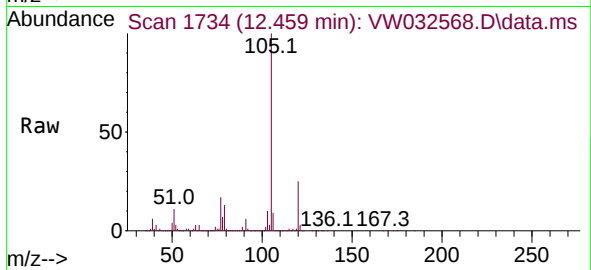
Tgt Ion:152 Resp: 253448
Ion Ratio Lower Upper
152 100
115 64.2 31.1 93.3
150 213.5 0.0 351.2





#73
Isopropylbenzene
Concen: 172.231 ug/l
RT: 12.459 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

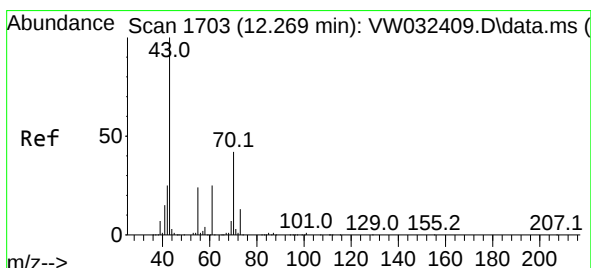
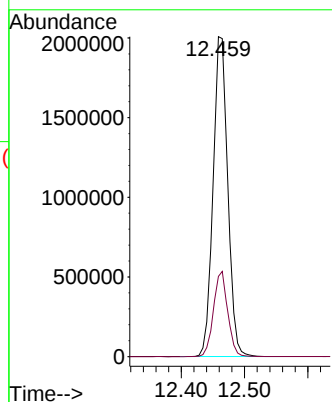
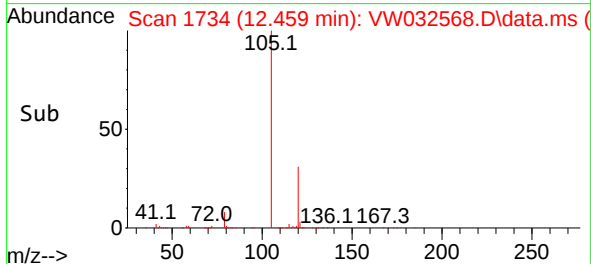
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



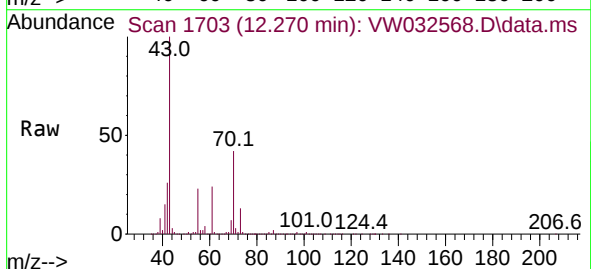
Tgt Ion:105 Resp: 3238136
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

Manual Integrations
APPROVED

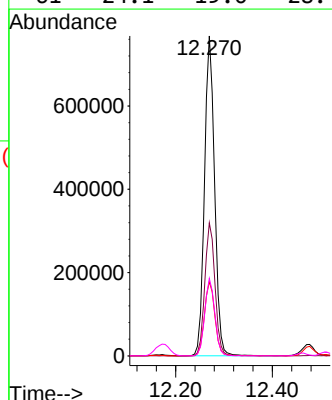
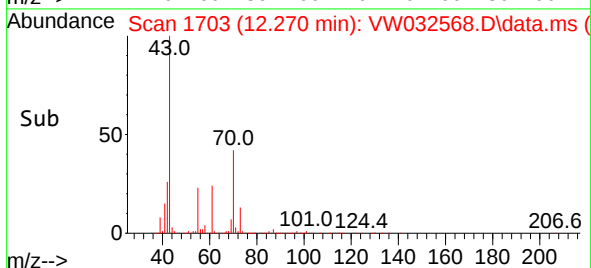
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

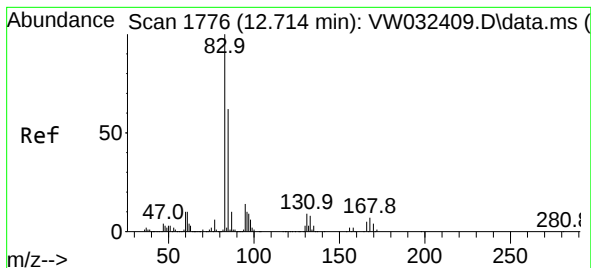


#74
N-ethyl acetate
Concen: 179.335 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



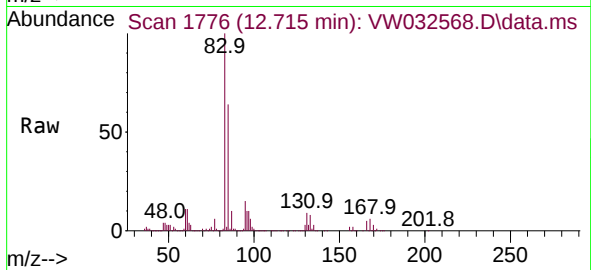
Tgt Ion: 43 Resp: 1116097
Ion Ratio Lower Upper
43 100
70 42.0 32.6 48.8
55 23.9 19.7 29.5
61 24.1 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 161.316 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

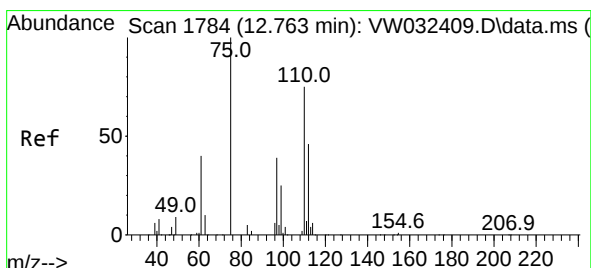
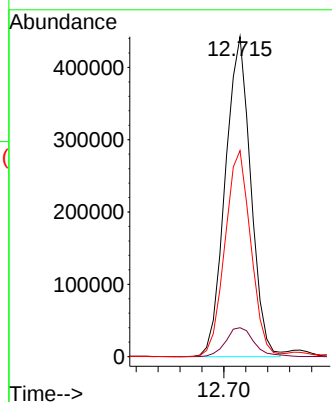
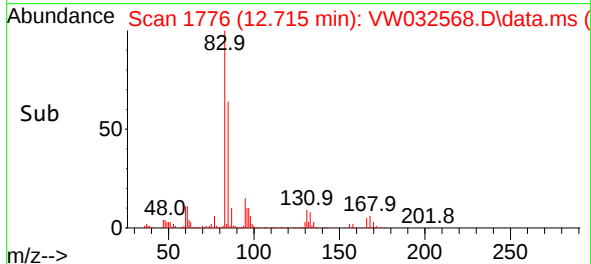
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



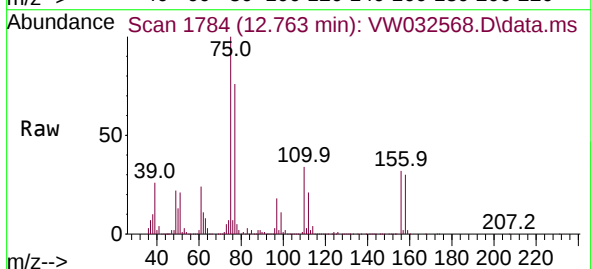
Tgt Ion: 83 Resp: 713958
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 65.4 32.5 97.4

Manual Integrations
APPROVED

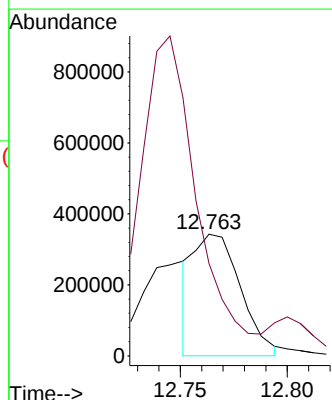
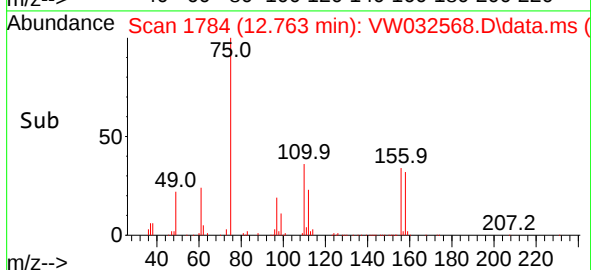
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

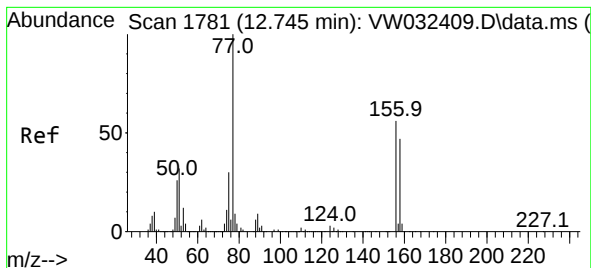


#76
1,2,3-Trichloropropane
Concen: 150.812 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



Tgt Ion: 75 Resp: 520910
Ion Ratio Lower Upper
75 100
77 321.5 148.2 444.4





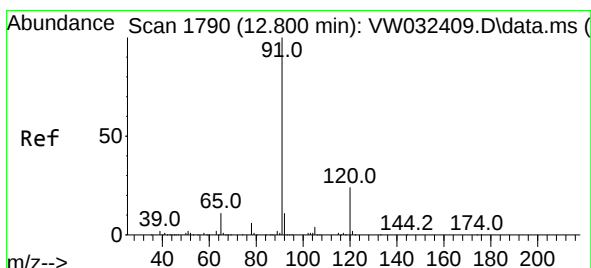
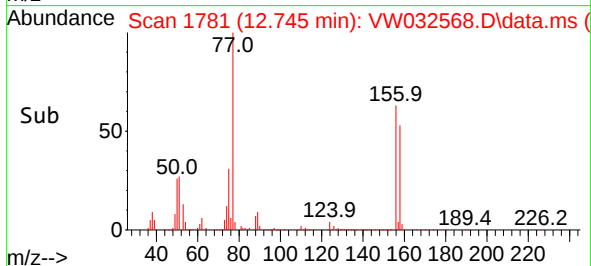
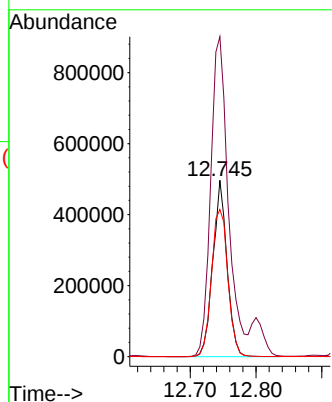
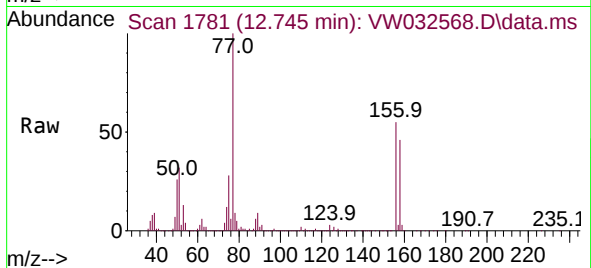
#77
Bromobenzene
Concen: 167.444 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 744172
Ion Ratio Lower Upper
156 100
77 225.0 115.9 347.7
158 96.1 50.7 152.1

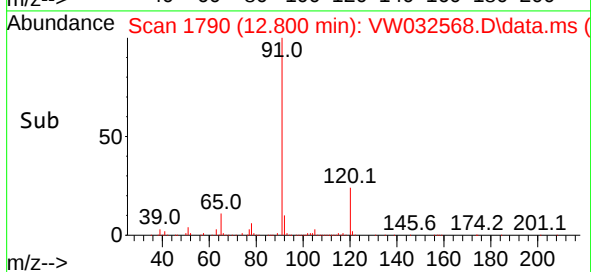
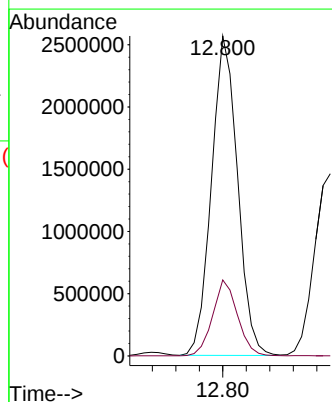
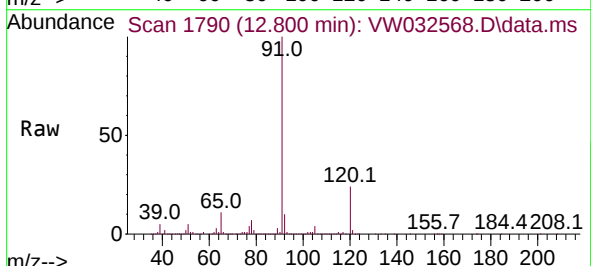
Manual Integrations
APPROVED

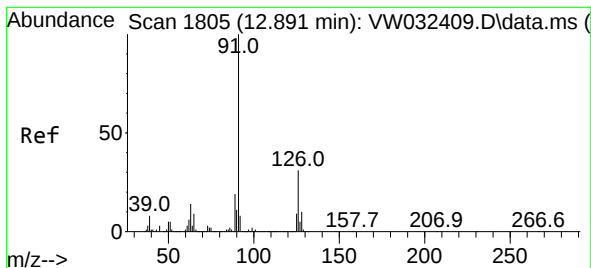
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#78
n-propylbenzene
Concen: 164.897 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Tgt Ion: 91 Resp: 3955189
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4





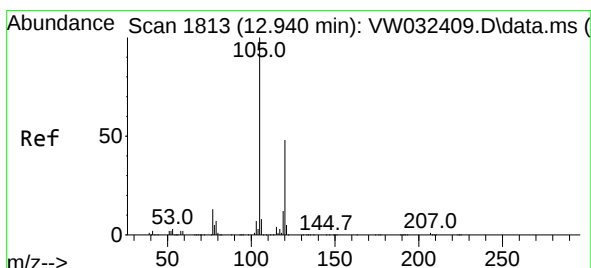
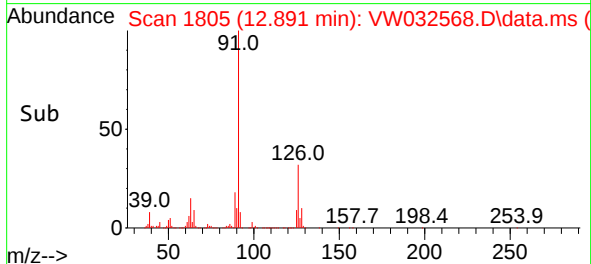
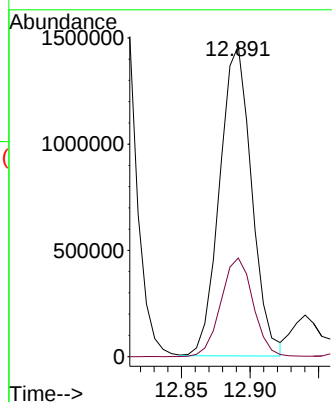
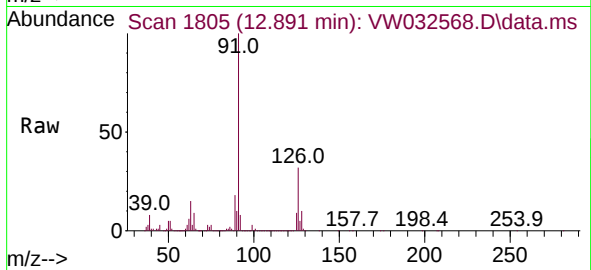
#79
2-Chlorotoluene
Concen: 166.210 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2376962
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.0

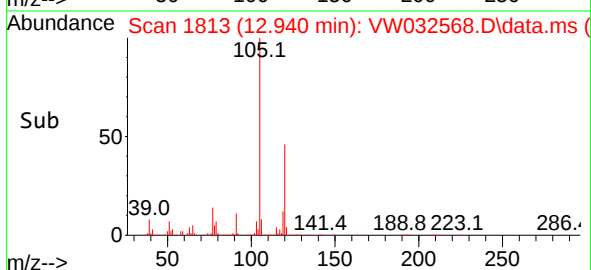
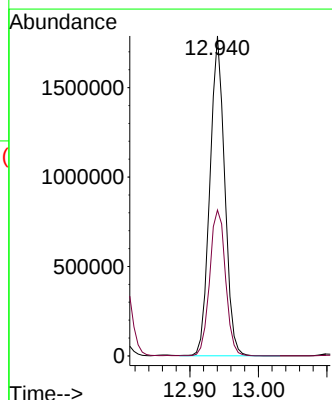
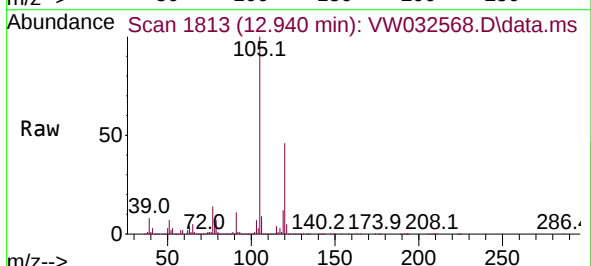
Manual Integrations
APPROVED

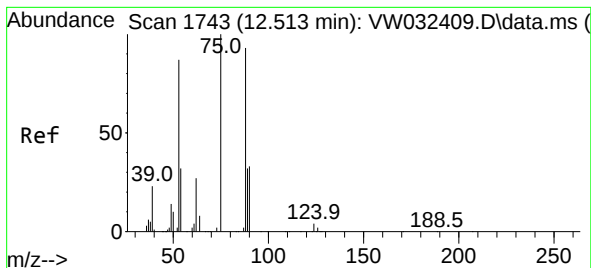
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 167.388 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

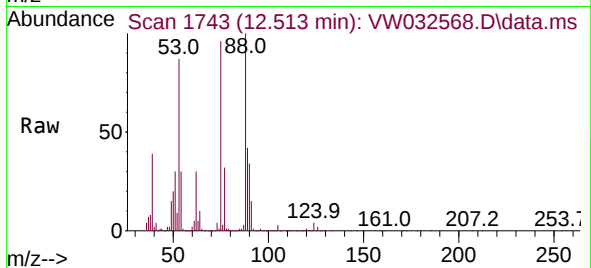
Tgt Ion:105 Resp: 2685262
Ion Ratio Lower Upper
105 100
120 48.7 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 182.999 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

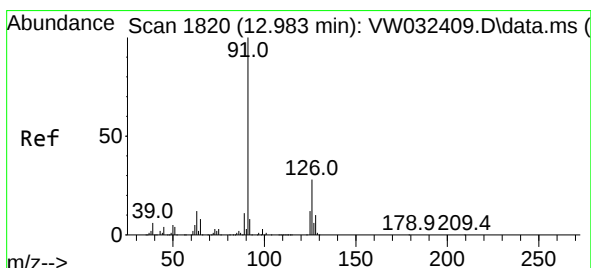
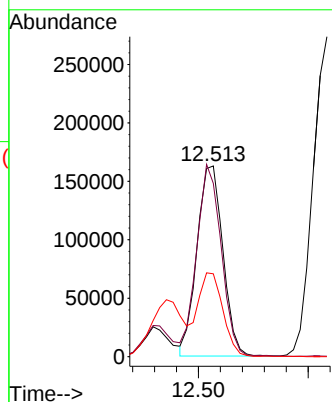
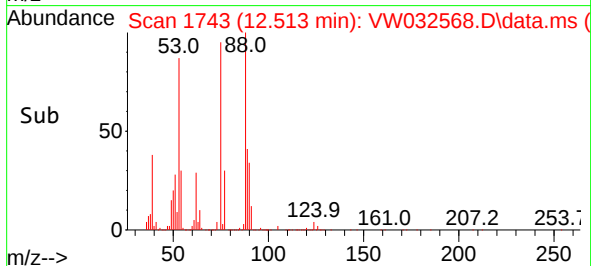
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



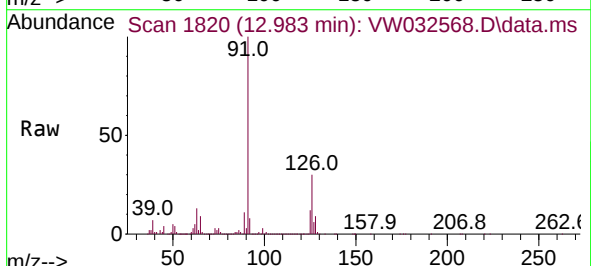
Tgt Ion: 75 Resp: 266840
Ion Ratio Lower Upper
75 100
53 96.1 80.8 121.2
89 43.2 31.4 47.2

Manual Integrations
APPROVED

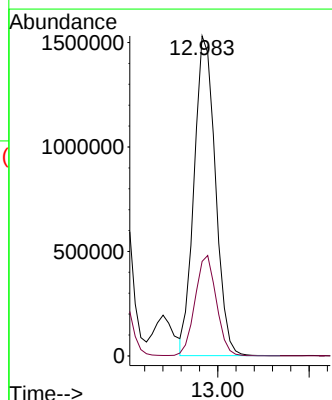
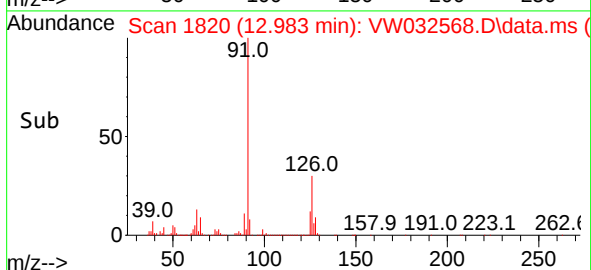
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

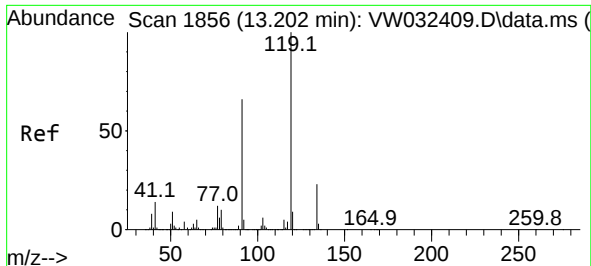


#82
4-Chlorotoluene
Concen: 161.414 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



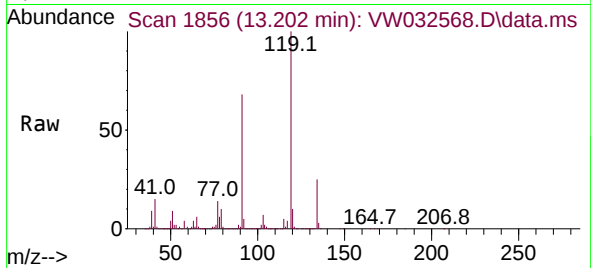
Tgt Ion: 91 Resp: 2468799
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7





#83
tert-Butylbenzene
Concen: 172.790 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

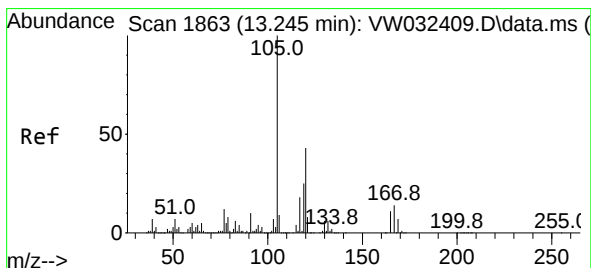
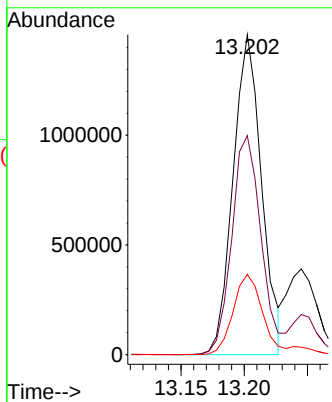
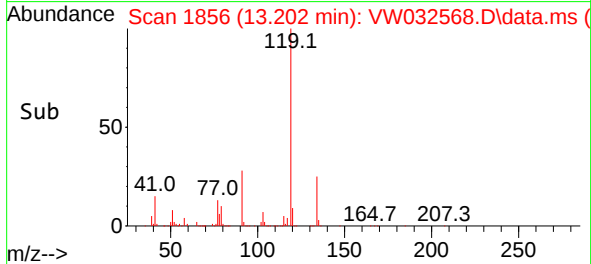
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



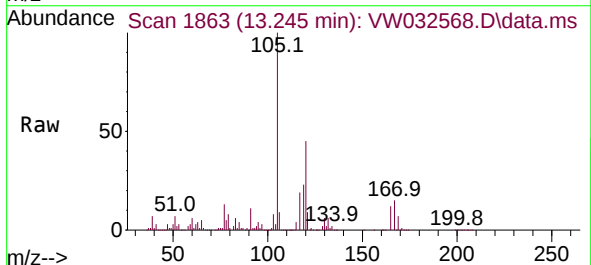
Tgt Ion:119 Resp: 2286132
Ion Ratio Lower Upper
119 100
91 71.0 34.6 103.9
134 25.6 12.5 37.5

Manual Integrations
APPROVED

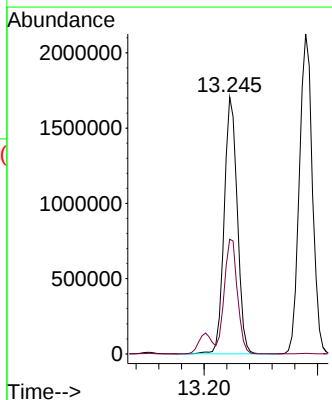
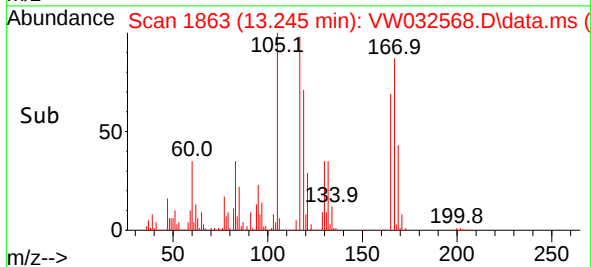
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

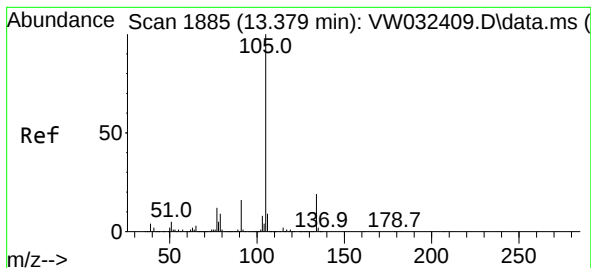


#84
1,2,4-Trimethylbenzene
Concen: 170.721 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



Tgt Ion:105 Resp: 2735793
Ion Ratio Lower Upper
105 100
120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 165.372 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 3374724

Ion Ratio Lower Upper

105 100

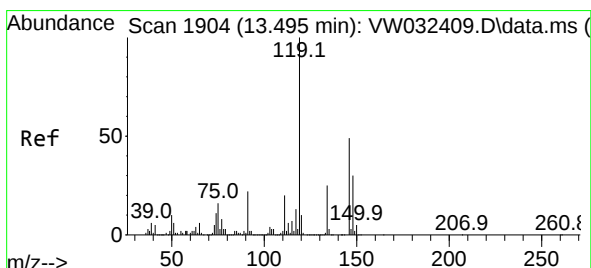
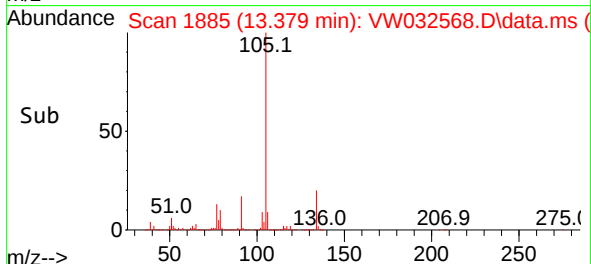
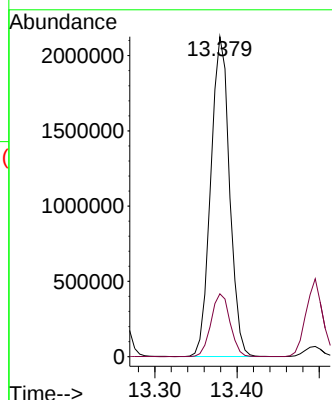
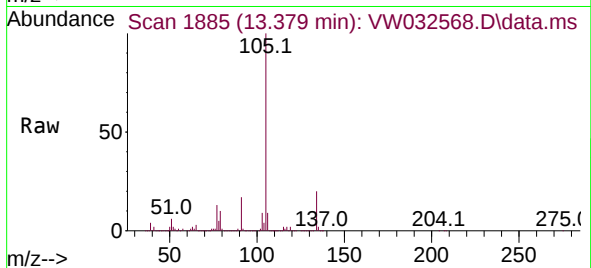
134 19.9 9.4 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#86

p-Isopropyltoluene

Concen: 172.762 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

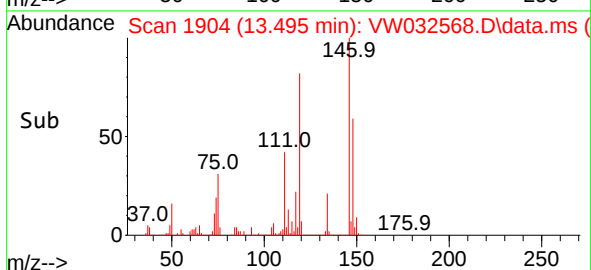
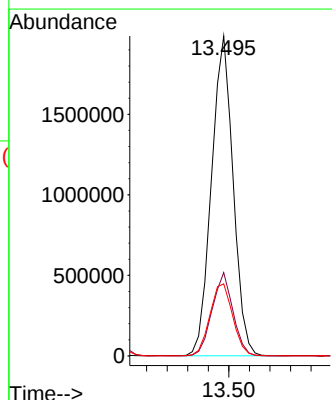
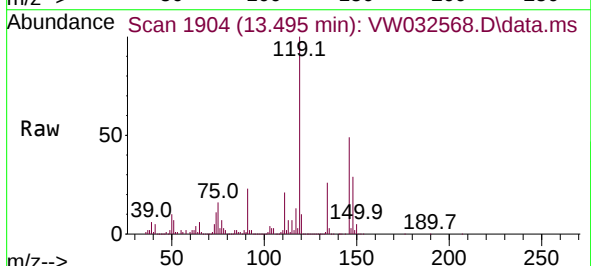
Tgt Ion:119 Resp: 2903764

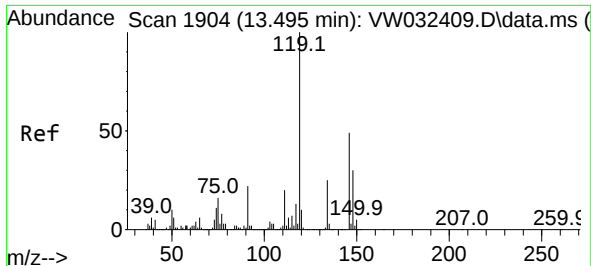
Ion Ratio Lower Upper

119 100

134 25.1 13.0 38.9

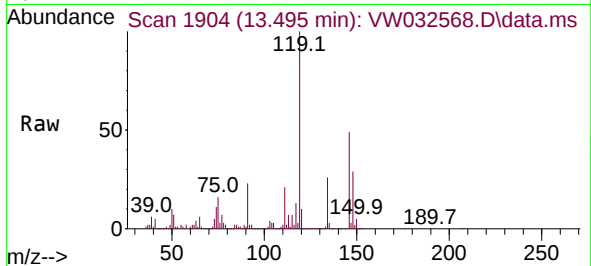
91 23.9 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 161.952 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

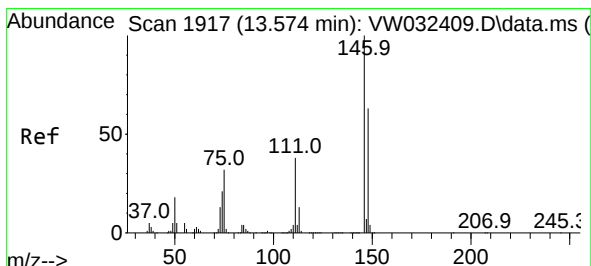
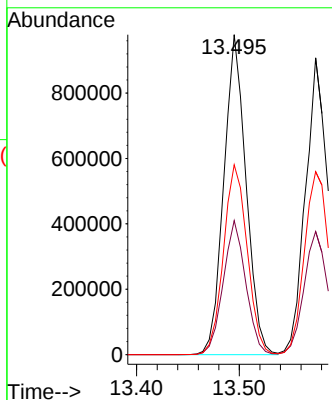
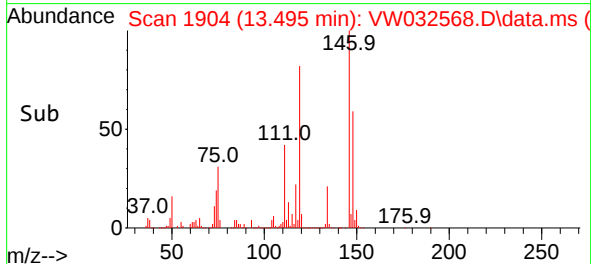
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



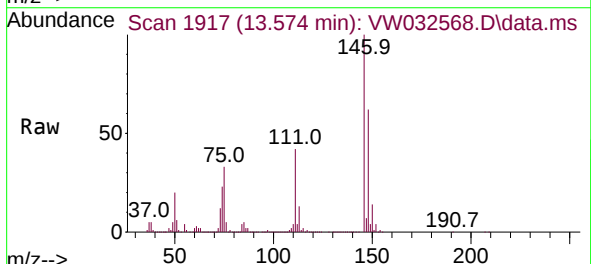
Tgt Ion:146 Resp: 1471665
Ion Ratio Lower Upper
146 100
111 42.4 21.6 64.6
148 63.0 31.9 95.9

Manual Integrations
APPROVED

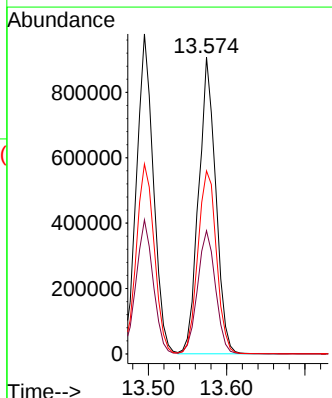
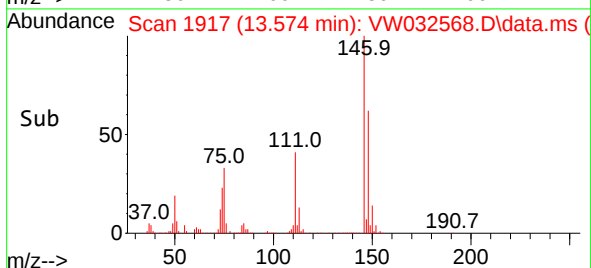
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

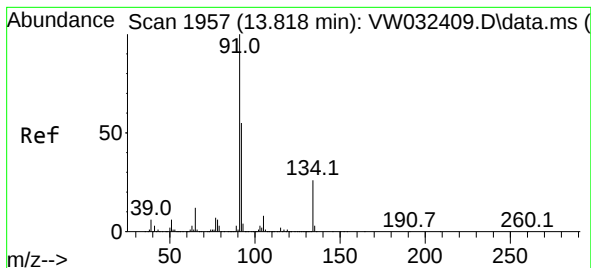


#88
1,4-Dichlorobenzene
Concen: 152.831 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



Tgt Ion:146 Resp: 1378445
Ion Ratio Lower Upper
146 100
111 43.2 20.8 62.5
148 66.9 31.4 94.3





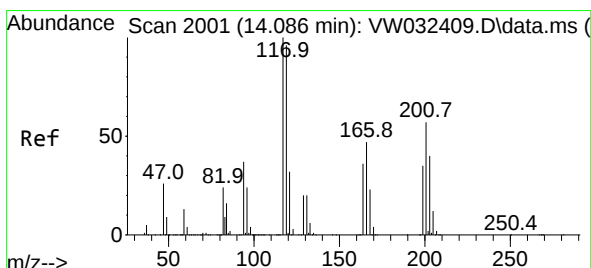
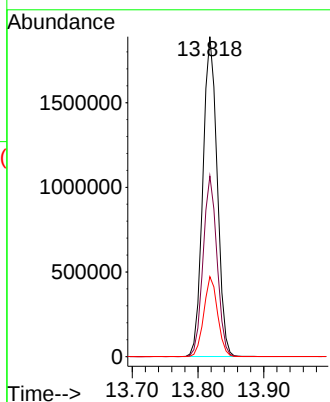
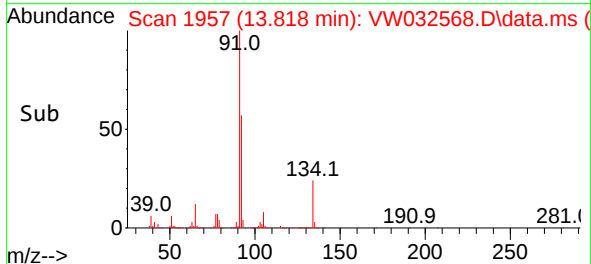
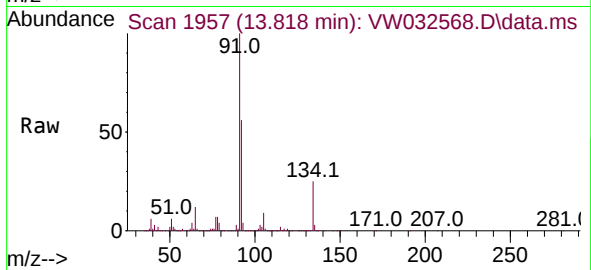
#89
n-Butylbenzene
Concen: 167.732 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2862995
Ion Ratio Lower Upper
91 100
92 54.8 27.1 81.3
134 24.1 12.4 37.0

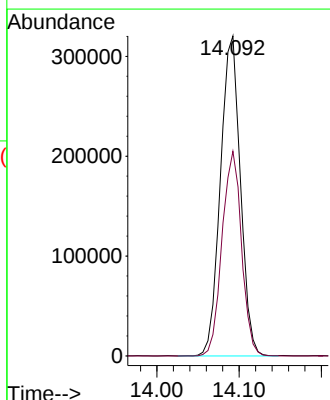
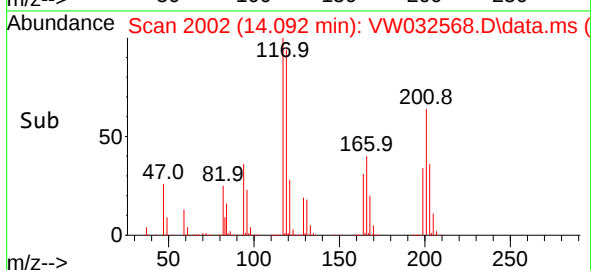
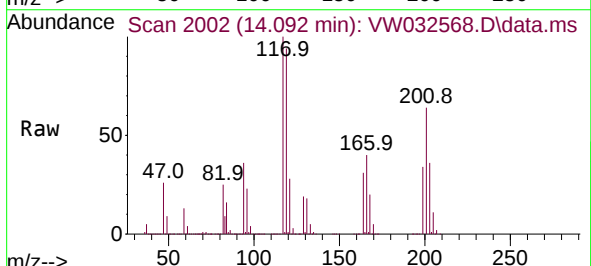
Manual Integrations
APPROVED

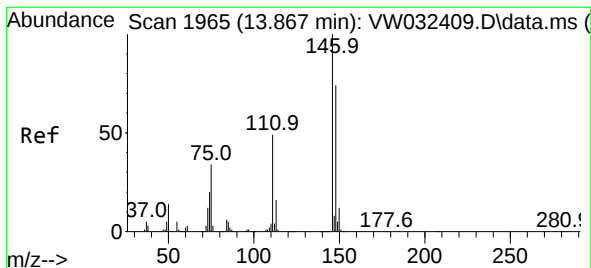
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 167.848 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

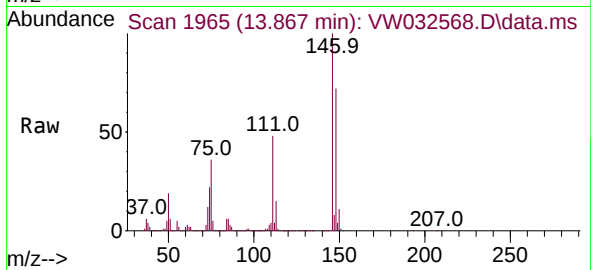
Tgt Ion:117 Resp: 540322
Ion Ratio Lower Upper
117 100
201 62.2 29.5 88.6





#91
1,2-Dichlorobenzene
Concen: 156.690 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20

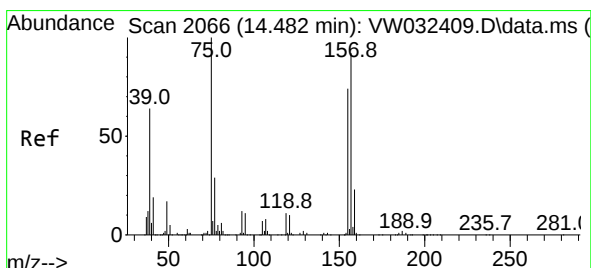
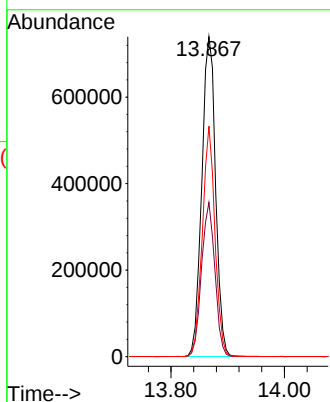
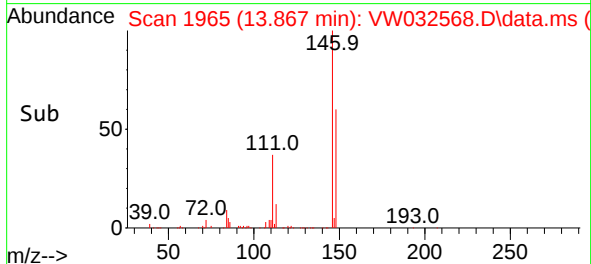
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150



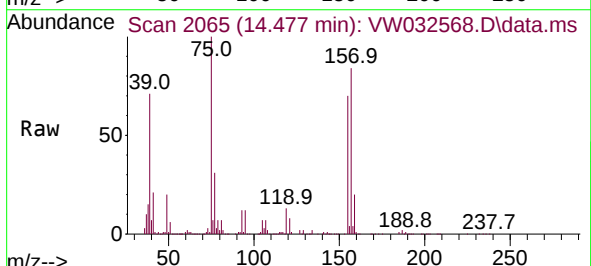
Tgt Ion:146 Resp: 1248934
Ion Ratio Lower Upper
146 100
111 46.8 22.8 68.3
148 66.0 32.6 97.7

Manual Integrations
APPROVED

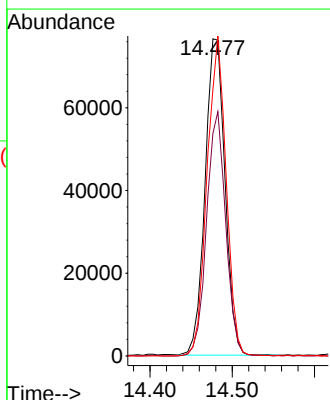
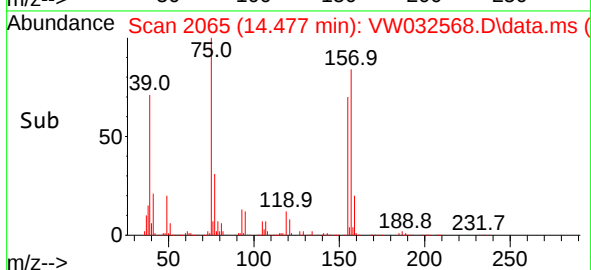
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

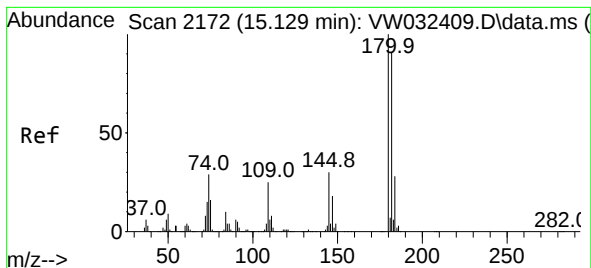


#92
1,2-Dibromo-3-Chloropropane
Concen: 168.565 ug/l
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032568.D
Acq: 03 Dec 2025 13:20



Tgt Ion: 75 Resp: 128630
Ion Ratio Lower Upper
75 100
155 74.1 34.6 103.9
157 96.7 44.4 133.2





#93

1,2,4-Trichlorobenzene

Concen: 178.552 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 86678

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

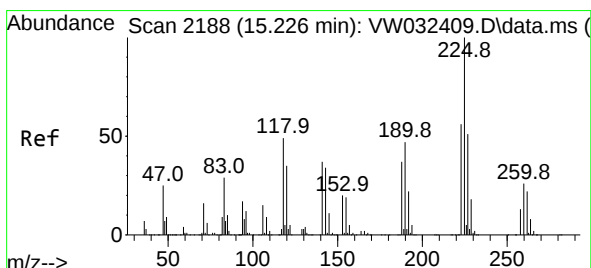
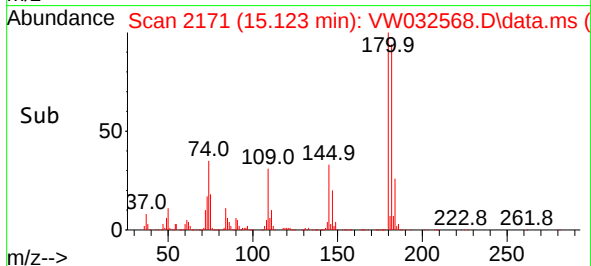
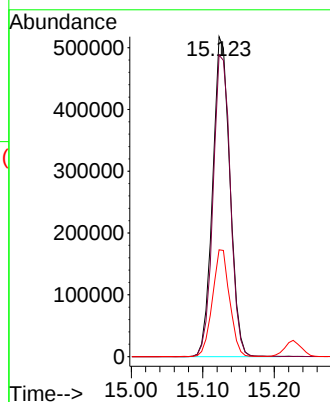
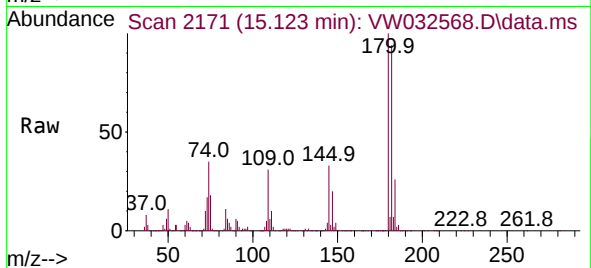
145 33.4 17.1 51.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 160.664 ug/l

RT: 15.220 min Scan# 2187

Delta R.T. -0.012 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

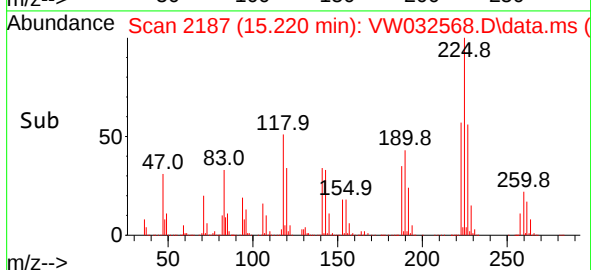
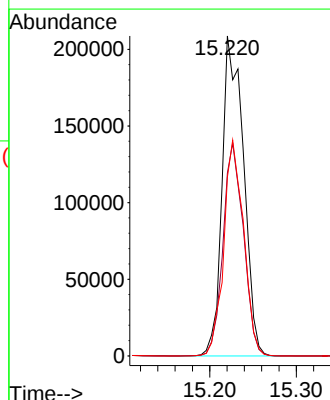
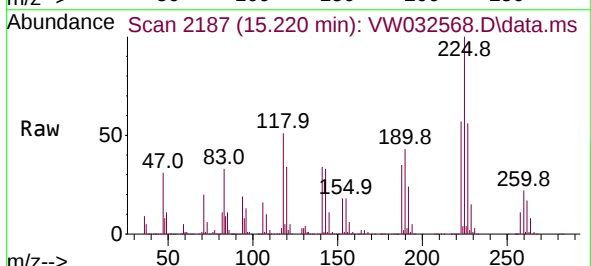
Tgt Ion:225 Resp: 359013

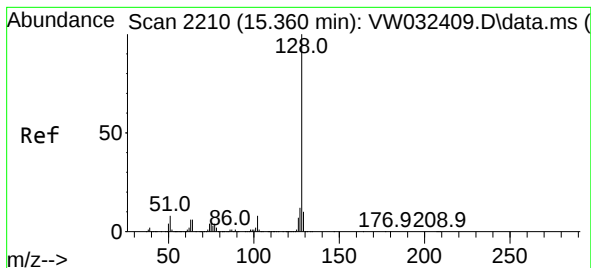
Ion Ratio Lower Upper

225 100

223 63.6 30.3 91.0

227 62.8 30.7 92.1





#95

Naphthalene

Concen: 193.874 ug/l

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 2110720

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

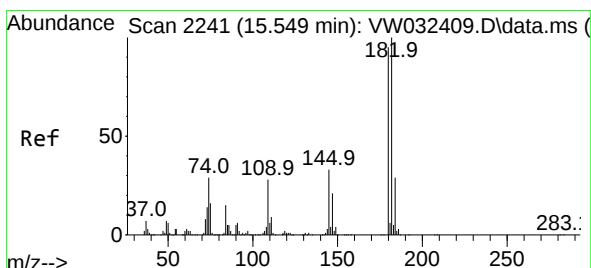
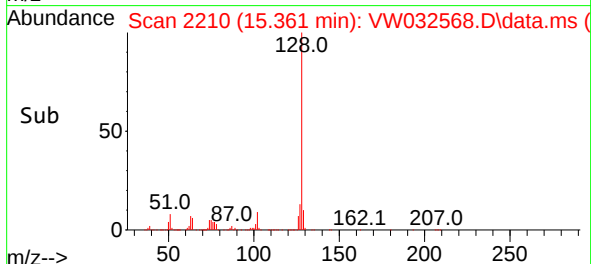
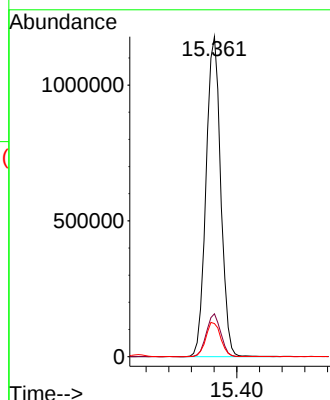
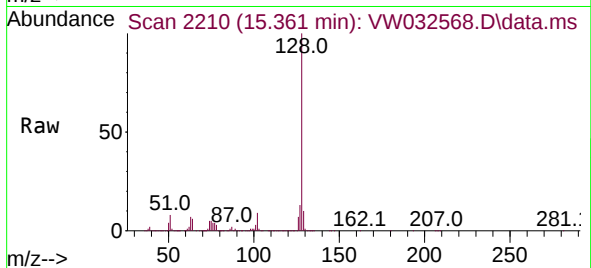
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#96

1,2,3-Trichlorobenzene

Concen: 172.185 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032568.D

Acq: 03 Dec 2025 13:20

Tgt Ion:180 Resp: 759368

Ion Ratio Lower Upper

180 100

182 92.7 48.0 144.2

145 36.3 17.8 53.4

