

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032566.D
 Acq On : 03 Dec 2025 12:37
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 03:49:06 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)

Internal Standards						
1) Pentafluorobenzene	7.965	168	362826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	653706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	592275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	282382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	264413	48.970	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	97.940%		
35) Dibromofluoromethane	7.904	113	217213	50.493	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	100.980%		
50) Toluene-d8	10.325	98	820832	50.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.617	95	306999	51.333	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	102.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	98280	43.761	ug/l	100
3) Chloromethane	2.253	50	176608	42.777	ug/l	100
4) Vinyl Chloride	2.405	62	229765	45.871	ug/l	100
5) Bromomethane	2.820	94	151371	45.505	ug/l	100
6) Chloroethane	2.966	64	152402	47.107	ug/l	100
7) Trichlorofluoromethane	3.308	101	186488	48.034	ug/l	100
8) Diethyl Ether	3.722	74	134213	46.763	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	192559	46.914	ug/l	100
10) Methyl Iodide	4.314	142	285336	46.093	ug/l	100
11) Tert butyl alcohol	5.210	59	97064	233.713	ug/l	100
12) 1,1-Dichloroethene	4.082	96	217763	47.055	ug/l	100
13) Acrolein	3.936	56	193395	262.728	ug/l	100
14) Allyl chloride	4.710	41	407764	48.133	ug/l	100
15) Acrylonitrile	5.399	53	384951	255.405	ug/l	100
16) Acetone	4.161	43	432919	256.582	ug/l	100
17) Carbon Disulfide	4.423	76	647685	47.241	ug/l	100
18) Methyl Acetate	4.710	43	177066	50.953	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	435898	50.533	ug/l	100
20) Methylene Chloride	4.954	84	262304	43.471	ug/l	100
21) trans-1,2-Dichloroethene	5.460	96	239893	47.441	ug/l	100
22) Diisopropyl ether	6.344	45	846767	50.084	ug/l	100
23) Vinyl Acetate	6.283	43	2912370	259.966	ug/l	100
24) 1,1-Dichloroethane	6.246	63	467526	47.629	ug/l	100
25) 2-Butanone	7.191	43	556667	257.079	ug/l	100
26) 2,2-Dichloropropane	7.185	77	259023	45.520	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	283098	48.090	ug/l	100
28) Bromochloromethane	7.533	49	222861	50.542	ug/l	100
29) Tetrahydrofuran	7.551	42	349113	270.022	ug/l	100
30) Chloroform	7.697	83	455334	46.740	ug/l	100
31) Cyclohexane	7.972	56	401917	46.435	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	333847	47.218	ug/l	100
36) 1,1-Dichloropropene	8.093	75	326053	49.691	ug/l	100
37) Ethyl Acetate	7.277	43	239279	52.695	ug/l	100
38) Carbon Tetrachloride	8.081	117	293722	48.183	ug/l	100
39) Methylcyclohexane	9.343	83	407472	50.856	ug/l	100
40) Benzene	8.337	78	1019611	48.762	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	141444	57.568	ug/l	100
42) 1,2-Dichloroethane	8.410	62	318895	49.741	ug/l	100
43) Isopropyl Acetate	8.435	43	414876	53.154	ug/l	100
44) Trichloroethene	9.105	130	227165	48.608	ug/l	100
45) 1,2-Dichloropropane	9.374	63	255511	49.196	ug/l	100
46) Dibromomethane	9.465	93	151851	50.560	ug/l	100
47) Bromodichloromethane	9.654	83	347048	49.301	ug/l	100
48) Methyl methacrylate	9.441	41	207237	58.409	ug/l	100
49) 1,4-Dioxane	9.459	88	39775	1108.328	ug/l #	100
51) 4-Methyl-2-Pentanone	10.215	43	1172335	271.448	ug/l	100
52) Toluene	10.392	92	627085	49.772	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	343782	50.906	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	399207	50.372	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	199440	49.579	ug/l	100
56) Ethyl methacrylate	10.648	69	306314	55.063	ug/l	100
57) 1,3-Dichloropropane	10.934	76	364898	50.828	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	804140	275.876	ug/l	100
59) 2-Hexanone	10.971	43	860027	279.616	ug/l	100
60) Dibromochloromethane	11.130	129	221375	49.101	ug/l	100
61) 1,2-Dibromoethane	11.239	107	192699	50.371	ug/l	100
64) Tetrachloroethene	10.867	164	190655	48.263	ug/l	100
65) Chlorobenzene	11.660	112	696412	49.762	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	218393	50.455	ug/l	100
67) Ethyl Benzene	11.733	91	1204661	50.714	ug/l	100
68) m/p-Xylenes	11.837	106	924001	102.313	ug/l	100
69) o-Xylene	12.166	106	439043	53.084	ug/l	100
70) Styrene	12.178	104	755821	52.098	ug/l	100
71) Bromoform	12.349	173	122746	51.569	ug/l	100
73) Isopropylbenzene	12.465	105	1094068	52.229	ug/l	100
74) N-amyl acetate	12.270	43	380472	54.870	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	256853	52.088	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	190454m	49.490	ug/l	
77) Bromobenzene	12.745	156	243431	49.161	ug/l	100
78) n-propylbenzene	12.800	91	1385115	51.830	ug/l	100
79) 2-Chlorotoluene	12.891	91	799627	50.185	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	921738	51.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	90124	55.474	ug/l	100
82) 4-Chlorotoluene	12.983	91	867831	50.926	ug/l	100
83) tert-Butylbenzene	13.202	119	754075	51.154	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	920015	51.529	ug/l	100
85) sec-Butylbenzene	13.379	105	1159720	51.007	ug/l	100
86) p-Isopropyltoluene	13.495	119	937595	50.067	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	503723	49.753	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	503202	50.074	ug/l	100
89) n-Butylbenzene	13.818	91	957943	50.372	ug/l	100
90) Hexachloroethane	14.086	117	175057	48.809	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	445429	50.157	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	44355	52.170	ug/l	100
93) 1,2,4-Trichlorobenzene	15.123	180	267108	49.385	ug/l	100
94) Hexachlorobutadiene	15.232	225	123690	49.681	ug/l	100
95) Naphthalene	15.360	128	665298	54.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	251682	51.221	ug/l	100

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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

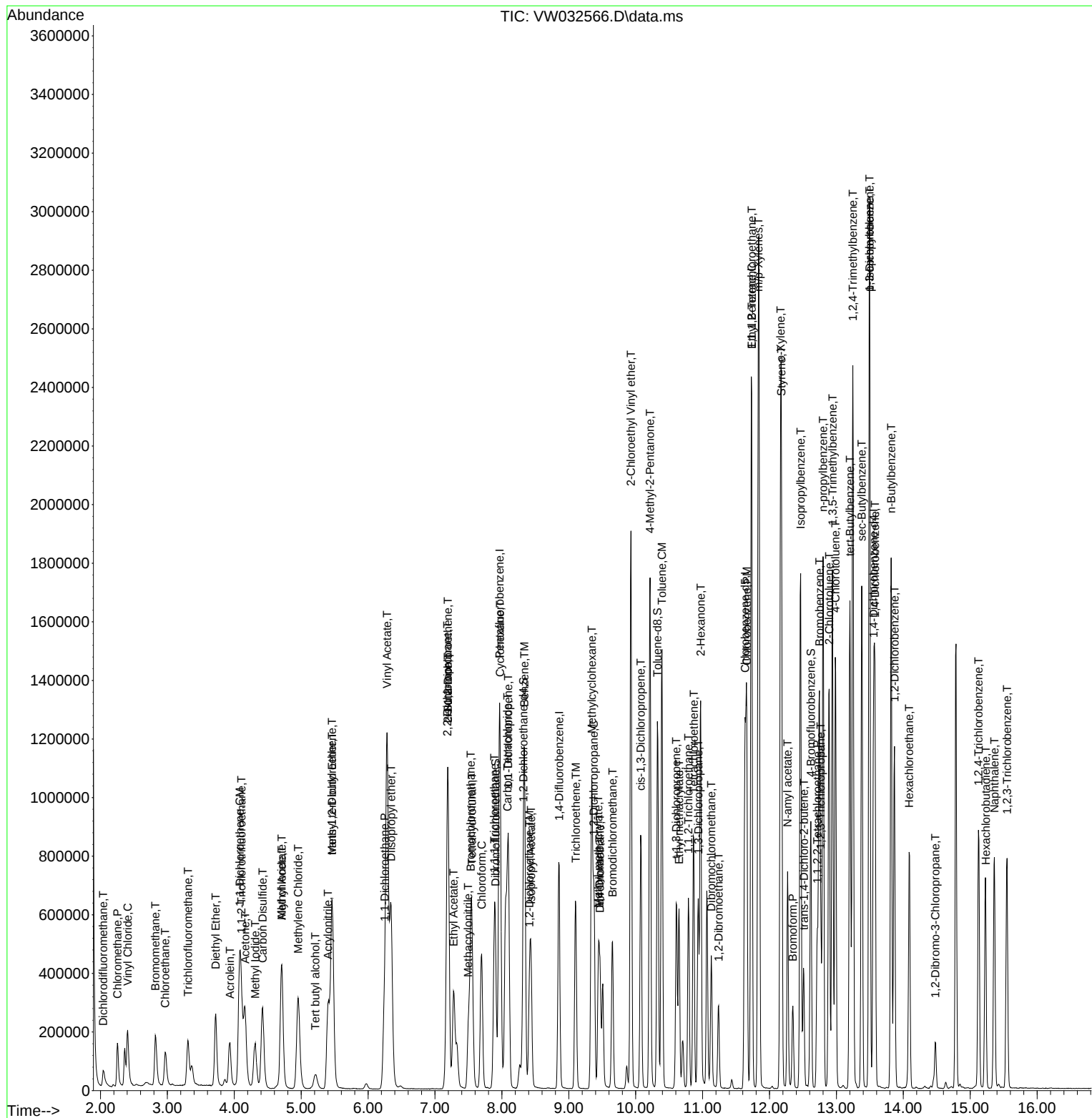
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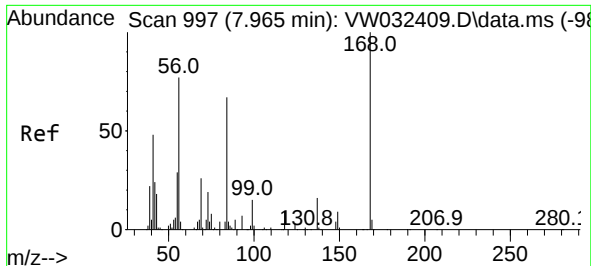
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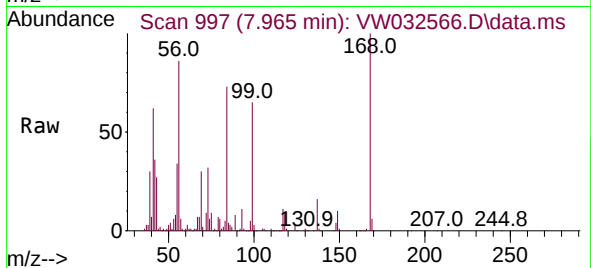
Reviewed By : John Carlone 12/04/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

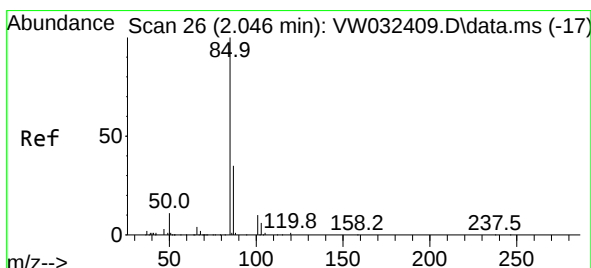
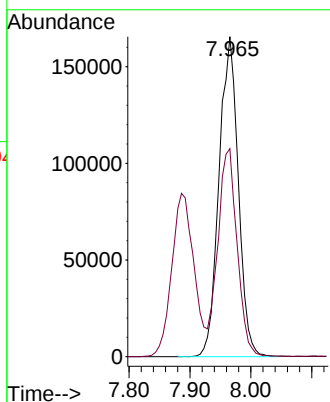
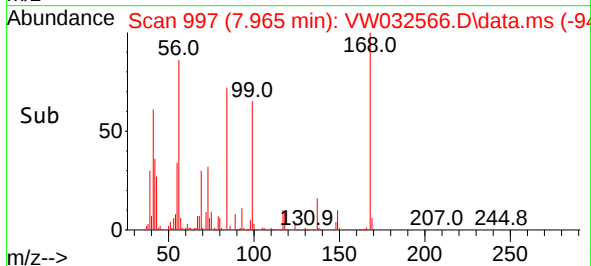
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 362826
Ion Ratio Lower Upper
168 100
99 64.8 51.8 77.8

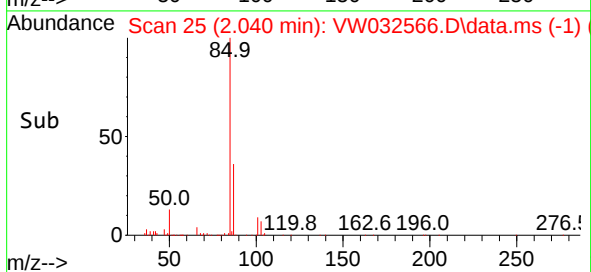
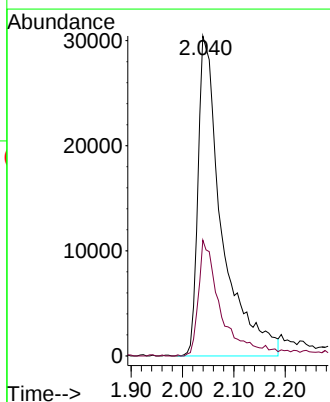
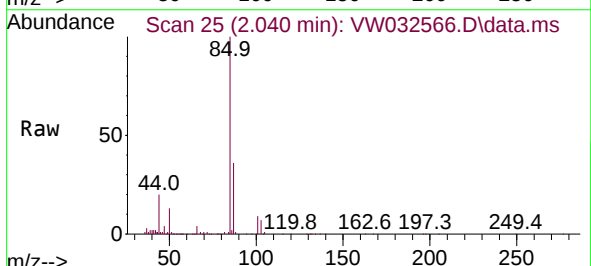
Manual Integrations
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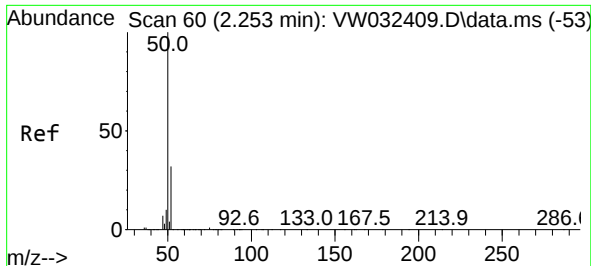
Reviewed By :John Carlone 12/04/2025
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#2
Dichlorodifluoromethane
Concen: 43.761 ug/l
RT: 2.040 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

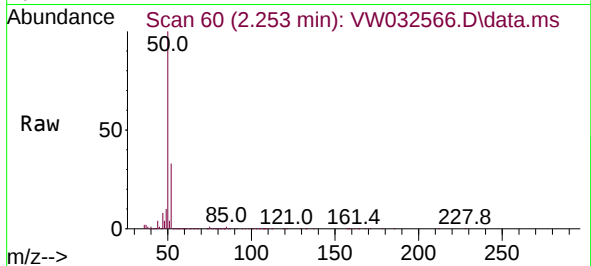
Tgt Ion: 85 Resp: 98280
Ion Ratio Lower Upper
85 100
87 35.9 17.9 53.8





#3
Chloromethane
Concen: 42.777 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

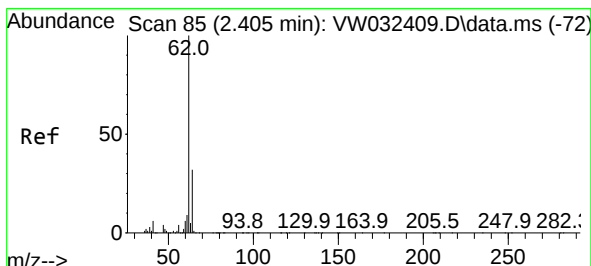
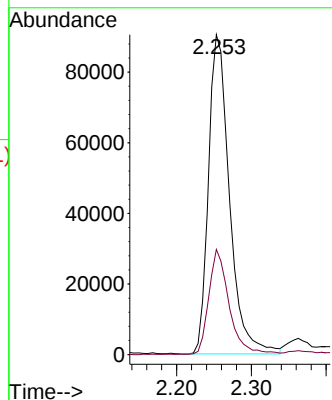
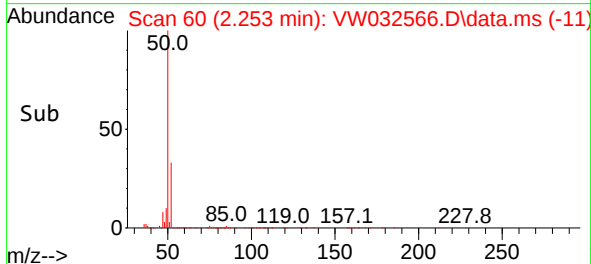
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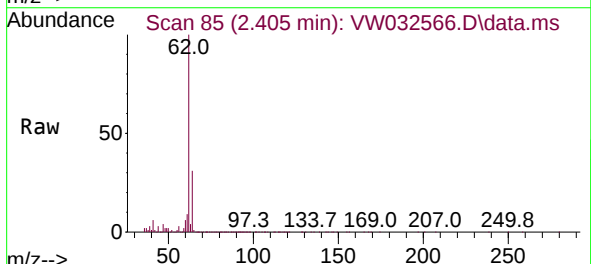
Tgt Ion: 50 Resp: 176608
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4

Manual Integrations
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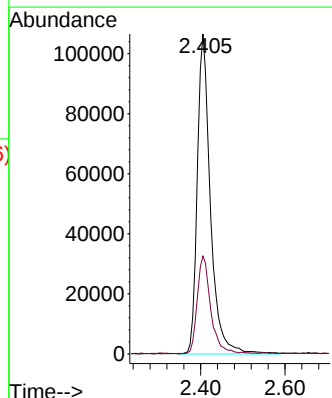
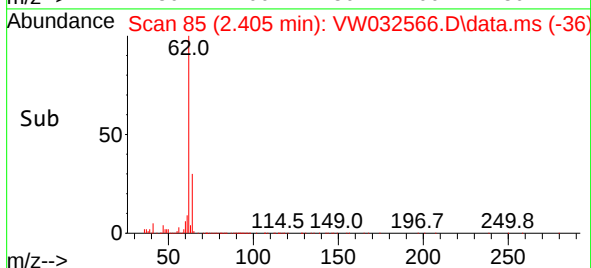
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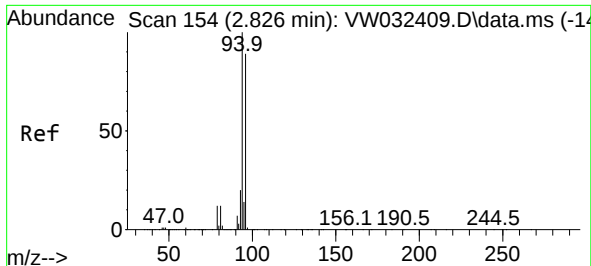


#4
Vinyl Chloride
Concen: 45.871 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



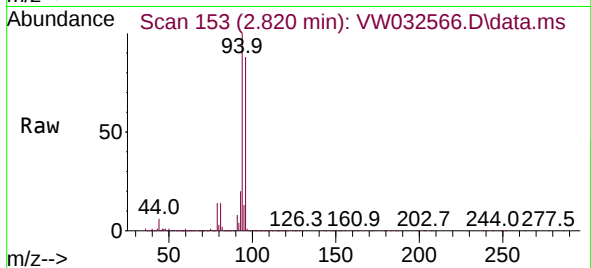
Tgt Ion: 62 Resp: 229765
Ion Ratio Lower Upper
62 100
64 30.3 24.2 36.4





#5
Bromomethane
Concen: 45.505 ug/l
RT: 2.820 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

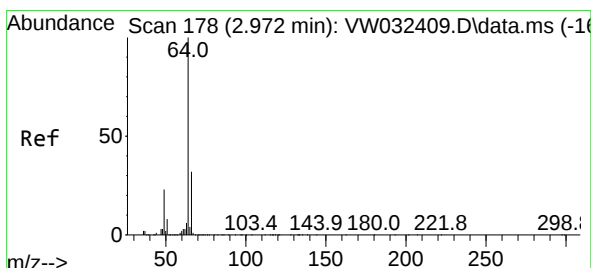
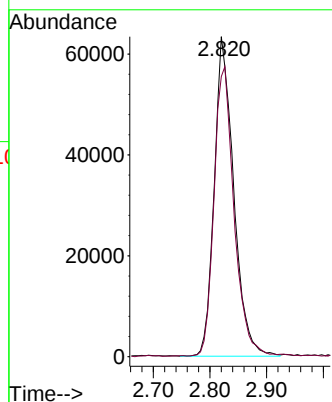
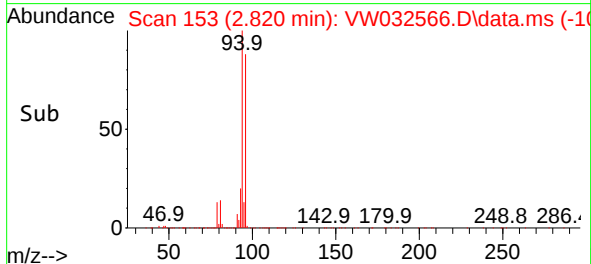
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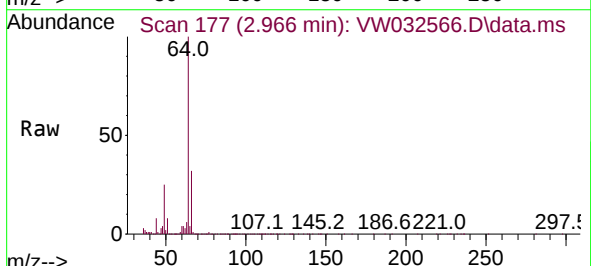
Tgt Ion: 94 Resp: 15137
Ion Ratio Lower Upper
94 100
96 87.4 69.9 104.9

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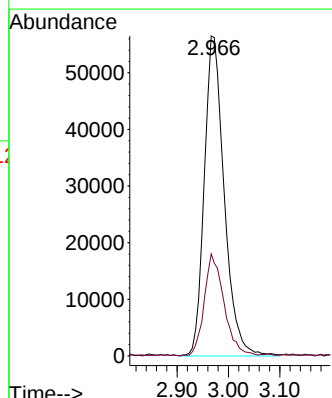
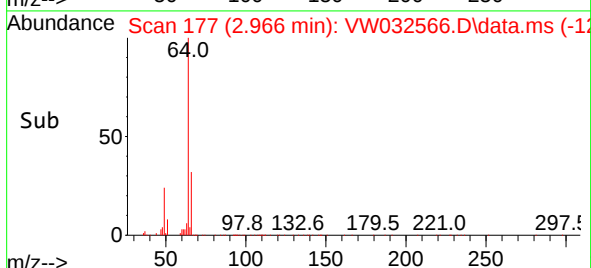
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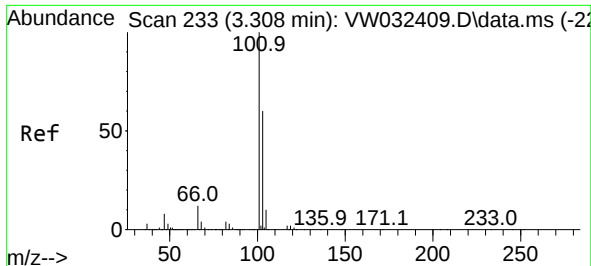


#6
Chloroethane
Concen: 47.107 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



Tgt Ion: 64 Resp: 152402
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





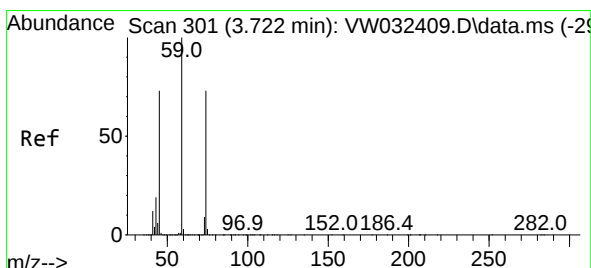
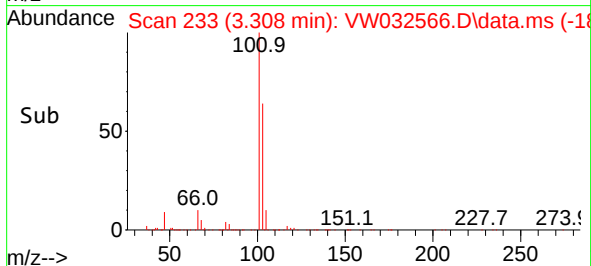
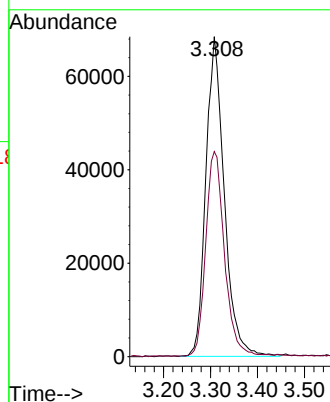
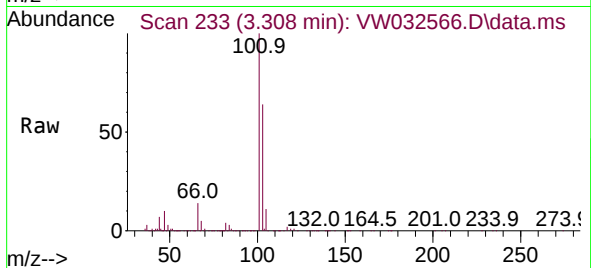
#7
 Trichlorofluoromethane
 Concen: 48.034 ug/l
 RT: 3.308 min Scan# 233
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37

Instrument :
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Tgt Ion:101 Resp: 186488
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.1 76.7

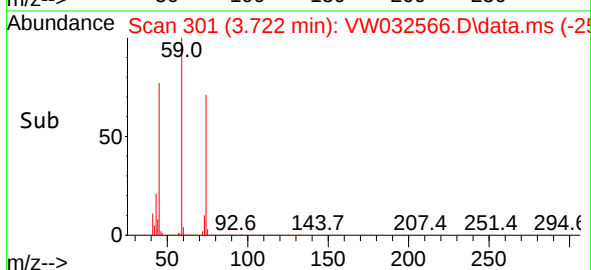
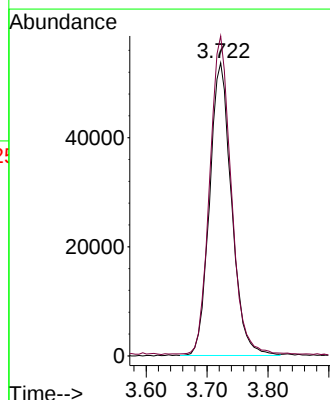
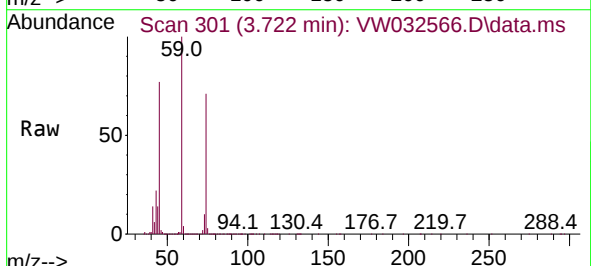
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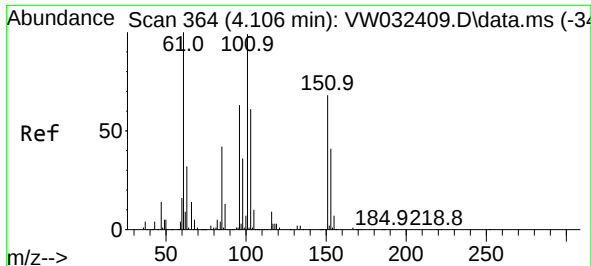
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#8
 Diethyl Ether
 Concen: 46.763 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37

Tgt Ion: 74 Resp: 134213
 Ion Ratio Lower Upper
 74 100
 45 106.9 53.4 160.3





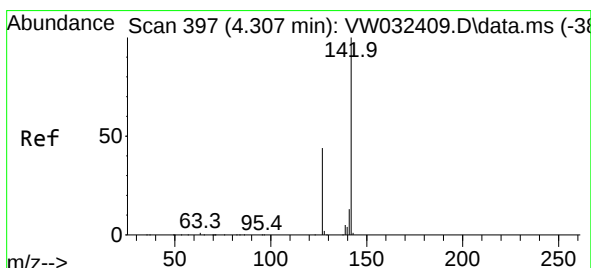
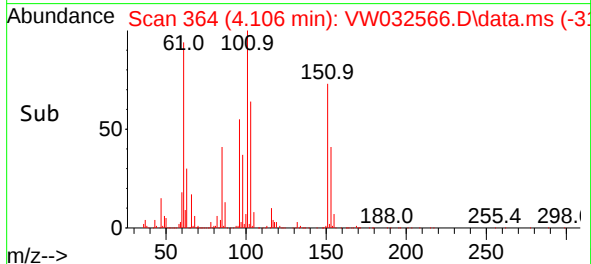
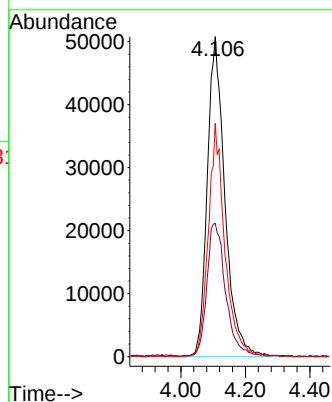
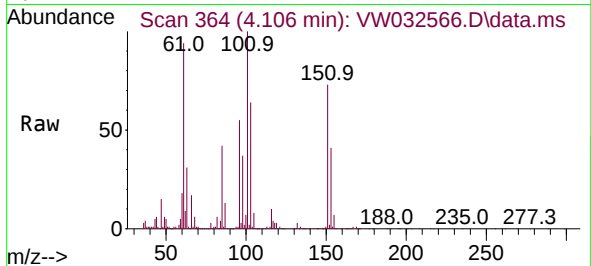
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.914 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 192559
Ion Ratio Lower Upper
101 100
85 43.7 35.0 52.4
151 68.3 54.6 82.0

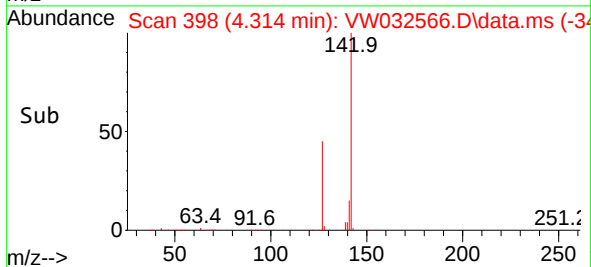
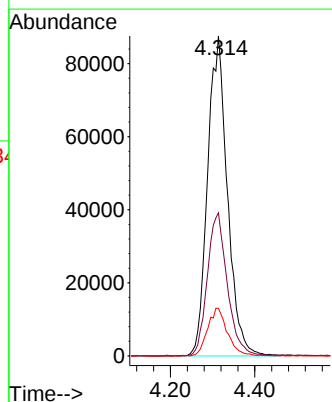
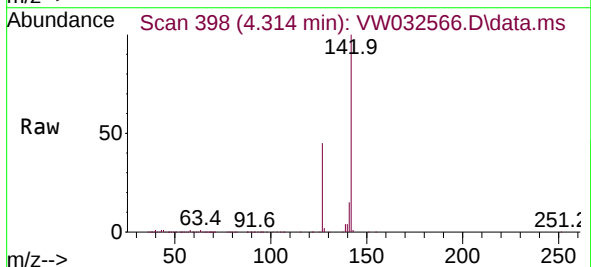
Manual Integrations
APPROVED

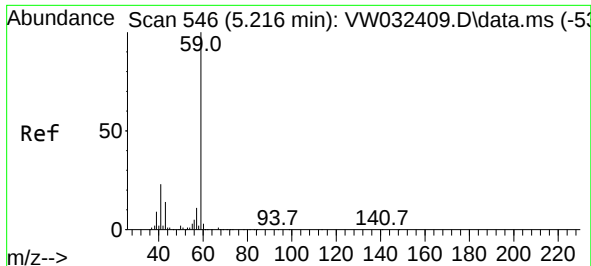
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 46.093 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

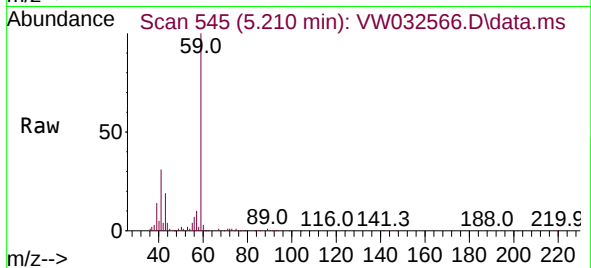
Tgt Ion:142 Resp: 285336
Ion Ratio Lower Upper
142 100
127 45.2 36.2 54.2
141 14.9 11.9 17.9





#11
Tert butyl alcohol
Concen: 233.713 ug/l
RT: 5.210 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

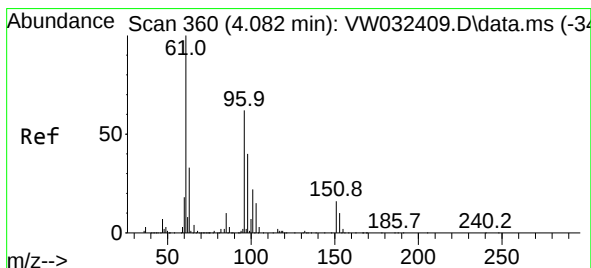
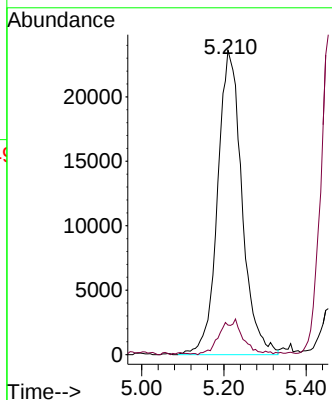
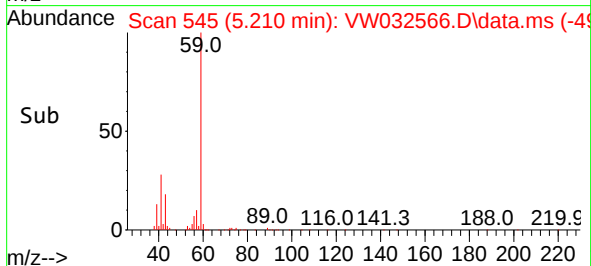
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



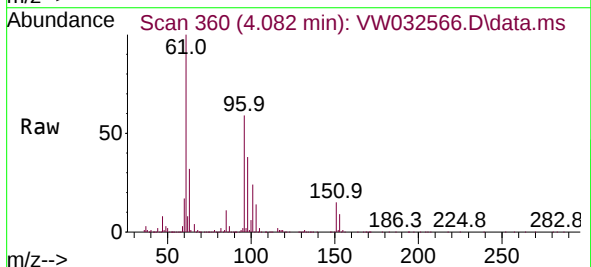
Tgt Ion: 59 Resp: 97064
Ion Ratio Lower Upper
59 100
57 5.7 4.6 6.8

Manual Integrations
APPROVED

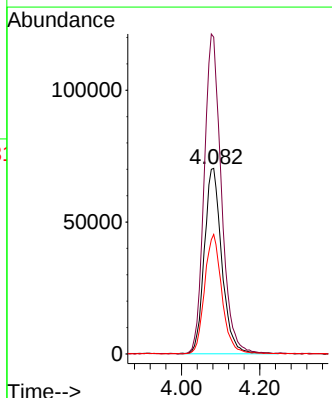
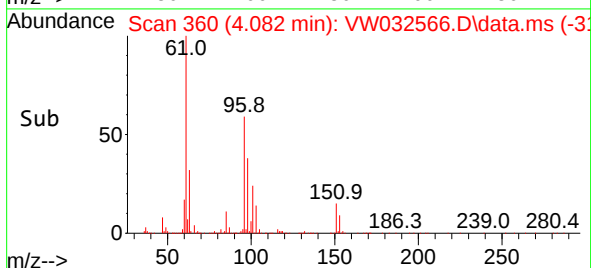
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

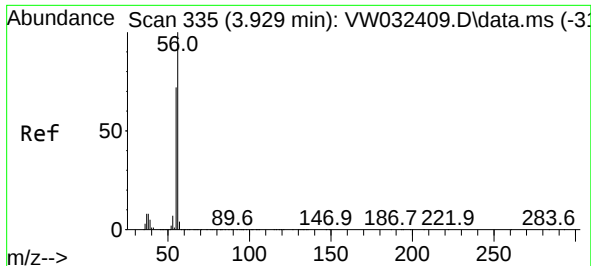


#12
1,1-Dichloroethene
Concen: 47.055 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



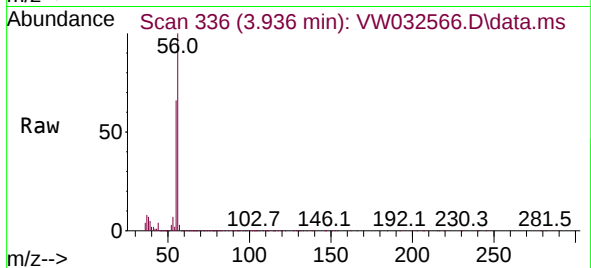
Tgt Ion: 96 Resp: 217763
Ion Ratio Lower Upper
96 100
61 170.8 136.6 205.0
98 64.3 51.4 77.2





#13
Acrolein
Concen: 262.728 ug/l
RT: 3.936 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

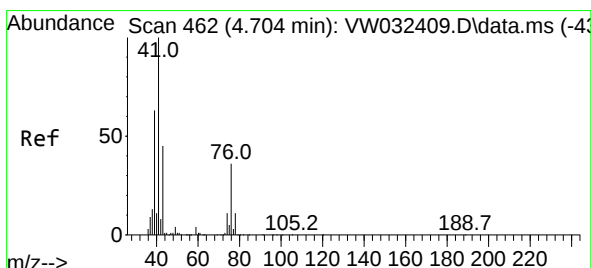
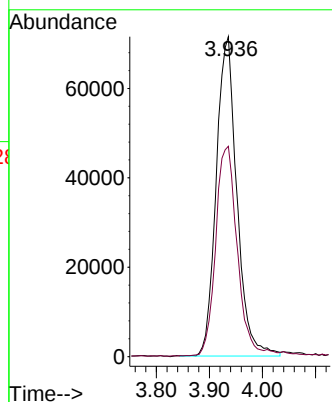
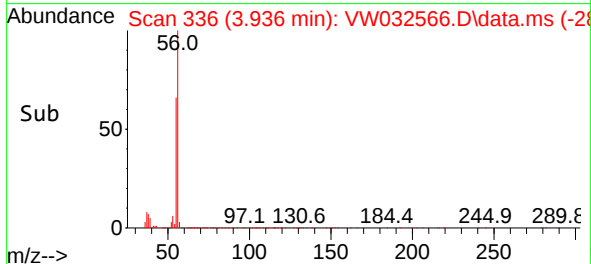
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 193395
Ion Ratio Lower Upper
56 100
55 69.0 55.2 82.8

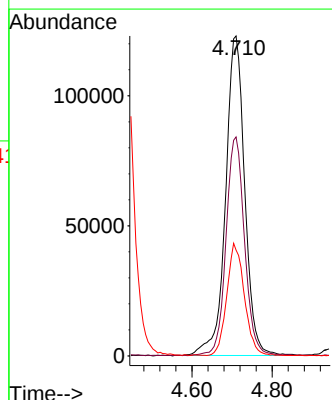
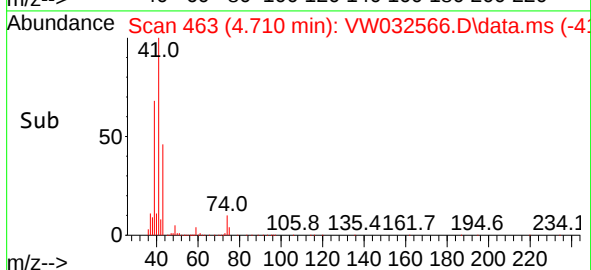
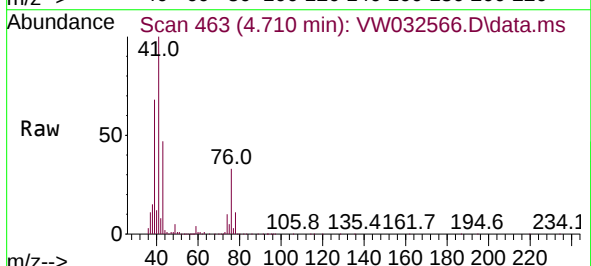
Manual Integrations
APPROVED

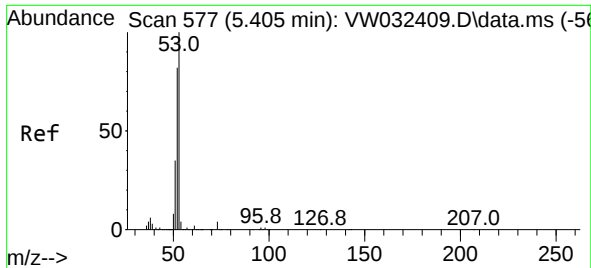
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 48.133 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

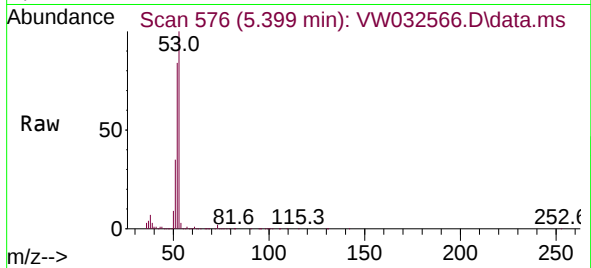
Tgt Ion: 41 Resp: 407764
Ion Ratio Lower Upper
41 100
39 66.1 52.9 79.3
76 32.2 25.8 38.6





#15
Acrylonitrile
Concen: 255.405 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

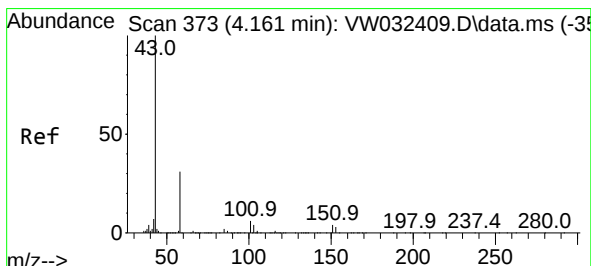
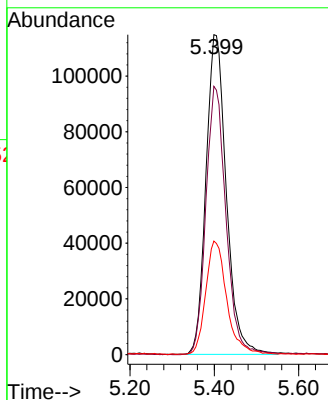
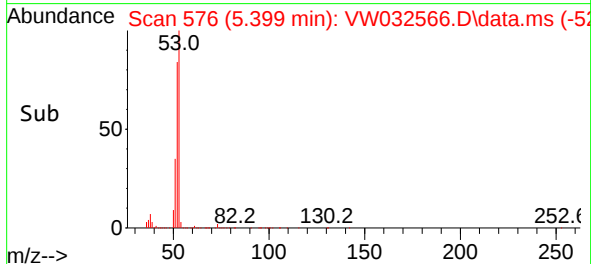
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



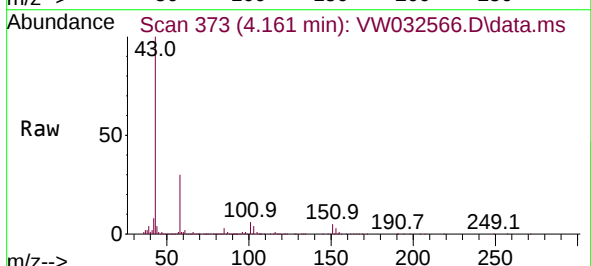
Tgt Ion: 53 Resp: 38495
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 36.6 29.3 43.9

Manual Integrations
APPROVED

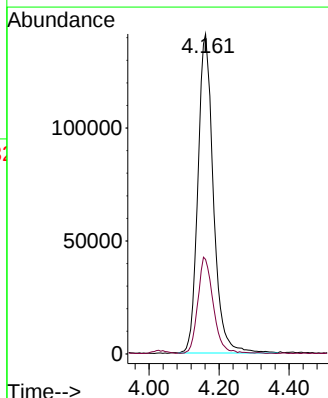
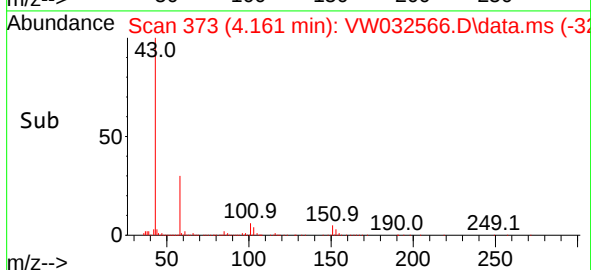
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

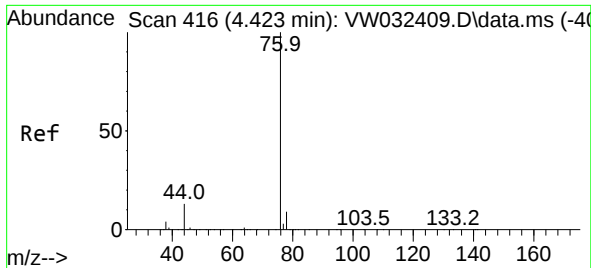


#16
Acetone
Concen: 256.582 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



Tgt Ion: 43 Resp: 432919
Ion Ratio Lower Upper
43 100
58 29.4 23.5 35.3





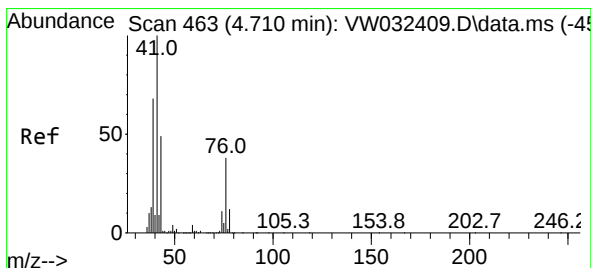
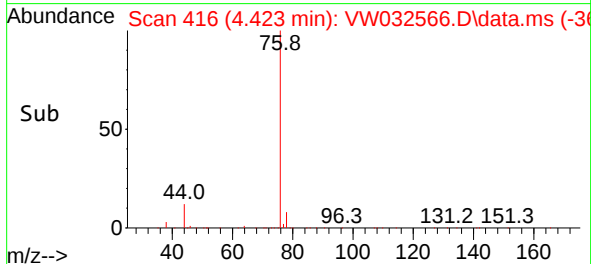
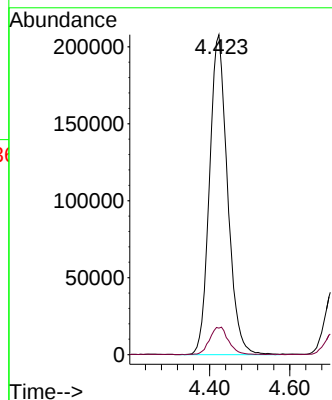
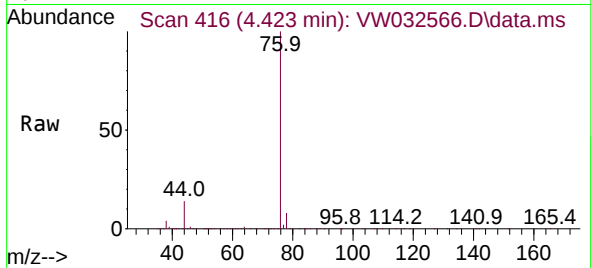
#17
Carbon Disulfide
Concen: 47.241 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 647685
Ion Ratio Lower Upper
76 100
78 8.2 6.6 9.8

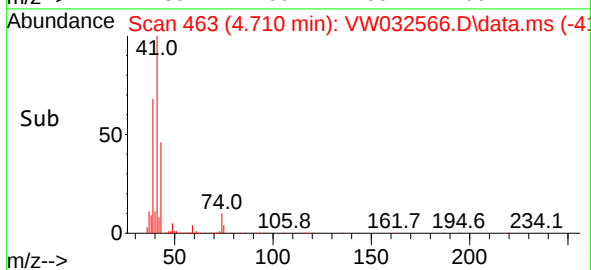
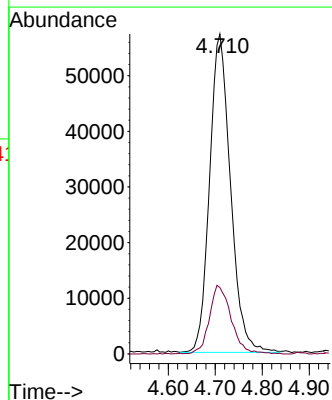
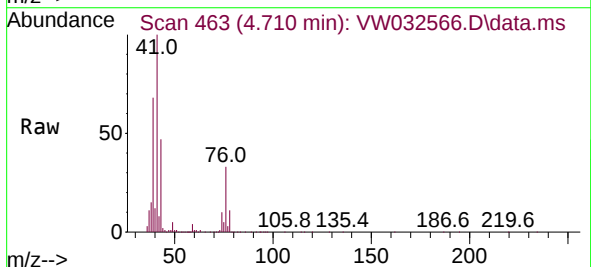
Manual Integrations
APPROVED

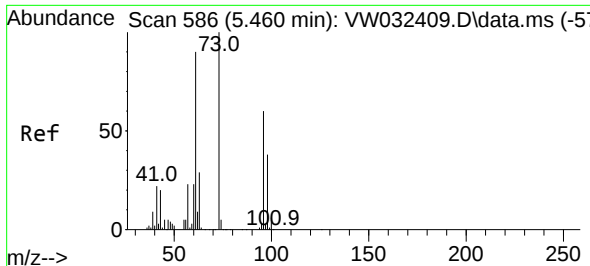
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 50.953 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

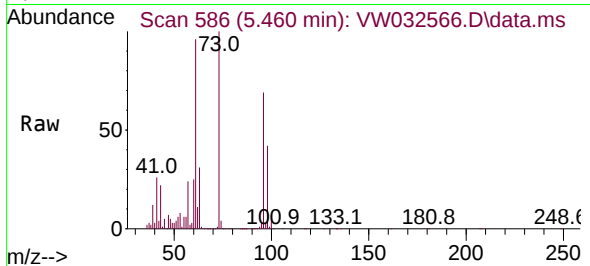
Tgt Ion: 43 Resp: 177066
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 50.533 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

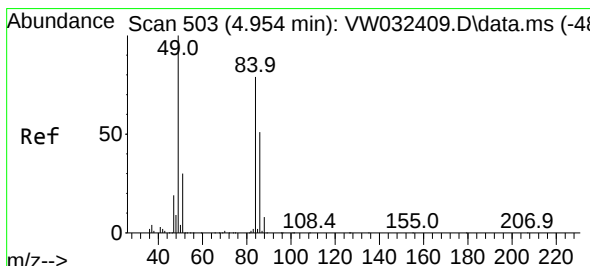
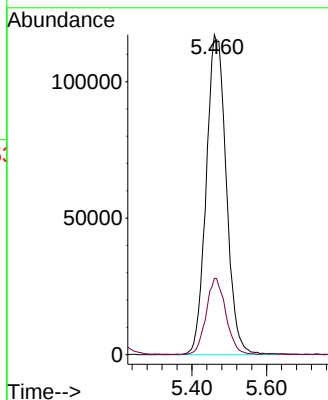
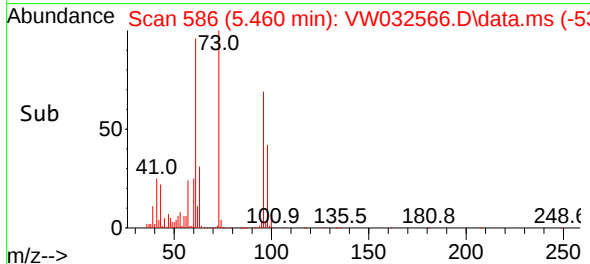
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



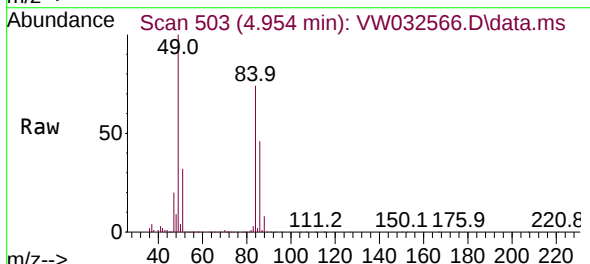
Tgt Ion: 73 Resp: 435898
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.4

Manual Integrations
APPROVED

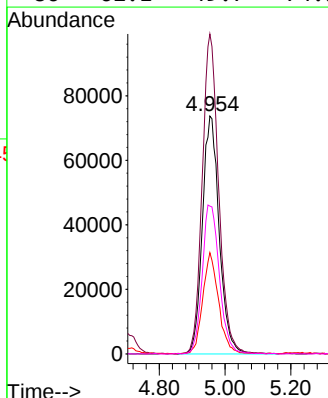
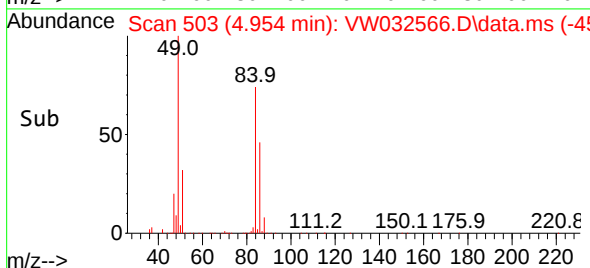
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

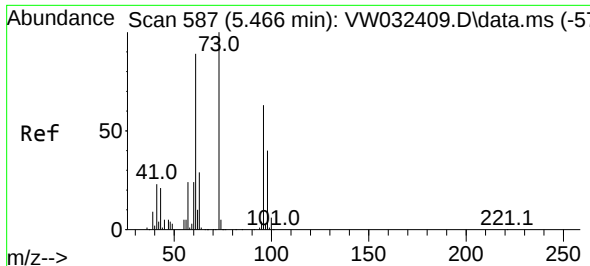


#20
Methylene Chloride
Concen: 43.471 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



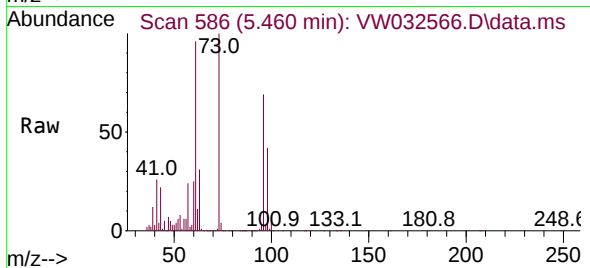
Tgt Ion: 84 Resp: 262304
Ion Ratio Lower Upper
84 100
49 134.5 107.6 161.4
51 42.4 33.9 50.9
86 62.1 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 47.441 ug/l
RT: 5.460 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

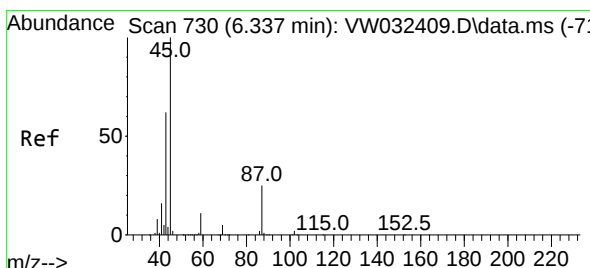
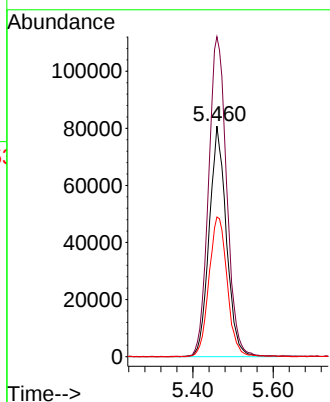
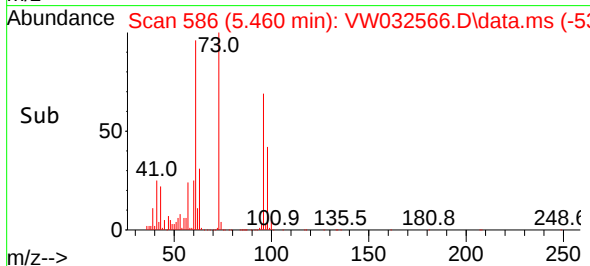
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 239893
Ion Ratio Lower Upper
96 100
61 138.7 111.0 166.4
98 60.5 48.4 72.6

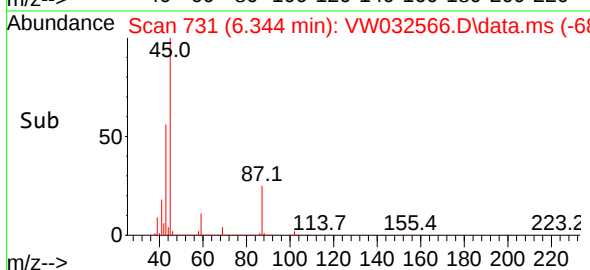
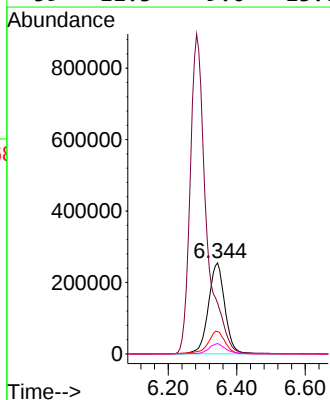
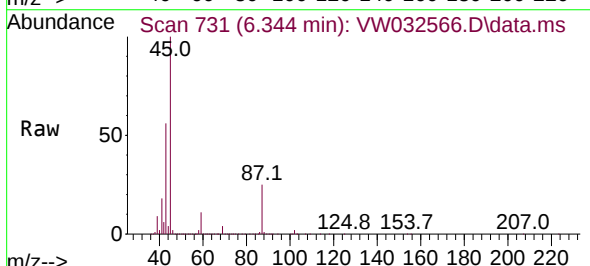
Manual Integrations
APPROVED

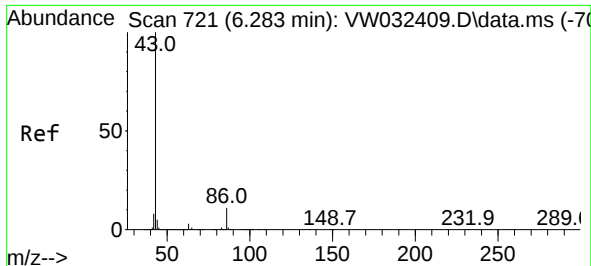
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 50.084 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

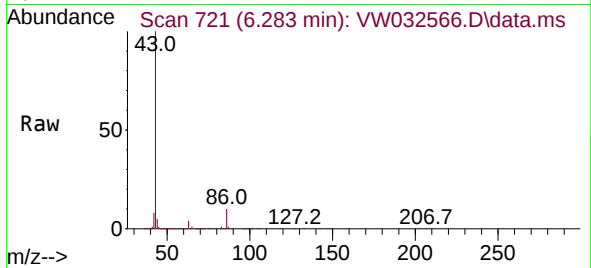
Tgt Ion: 45 Resp: 846767
Ion Ratio Lower Upper
45 100
43 55.6 44.5 66.7
87 24.6 19.7 29.5
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 259.966 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37

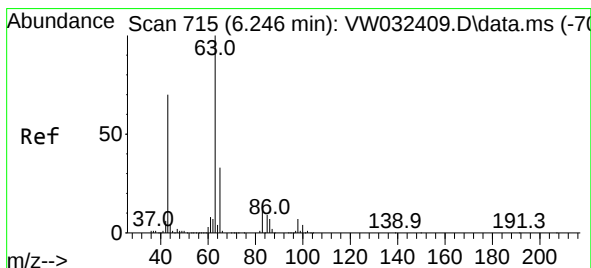
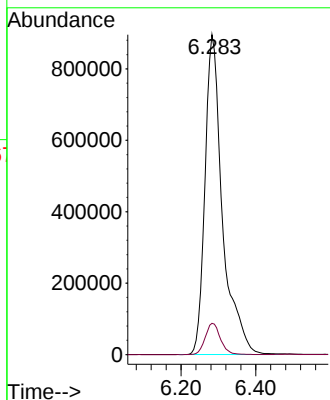
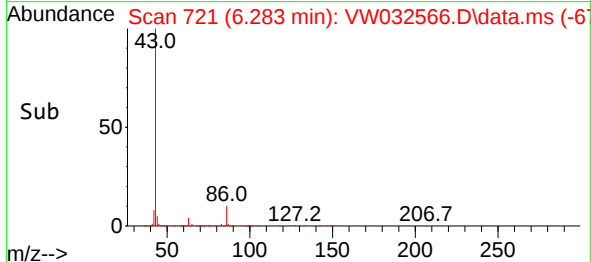
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



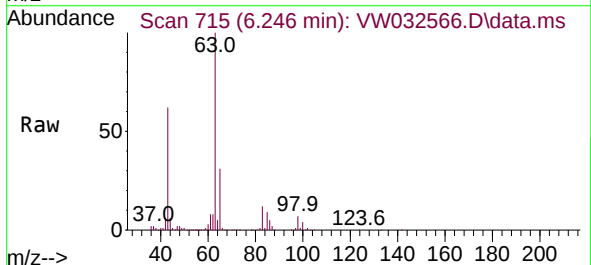
Tgt Ion: 43 Resp: 2912376
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

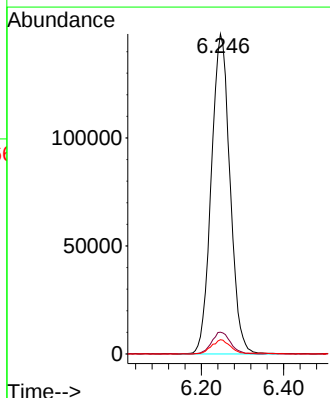
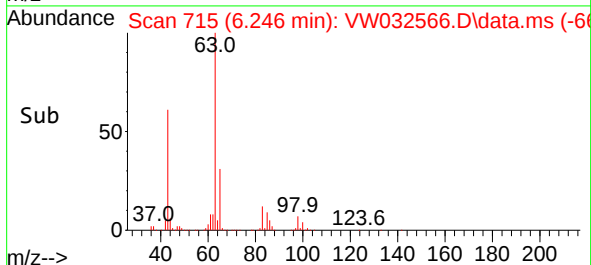
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

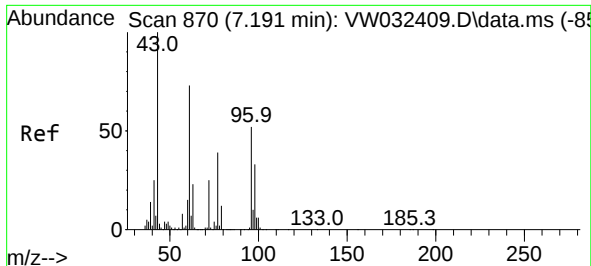


#24
 1,1-Dichloroethane
 Concen: 47.629 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37



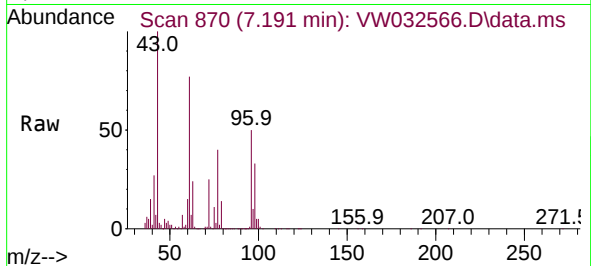
Tgt Ion: 63 Resp: 467526
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 257.079 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

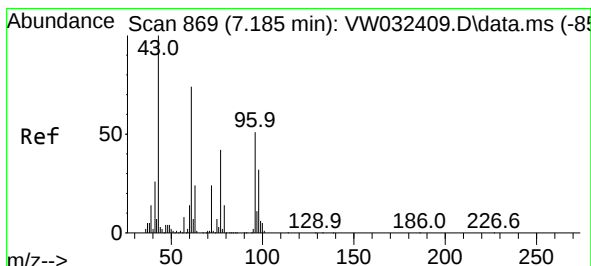
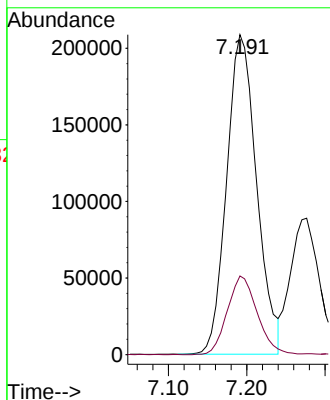
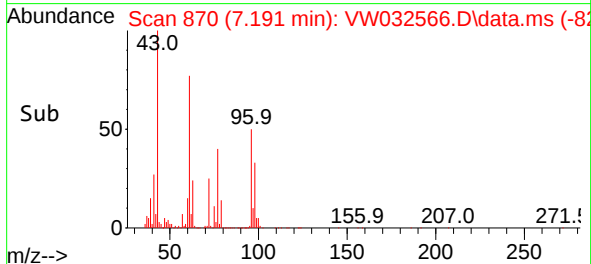
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



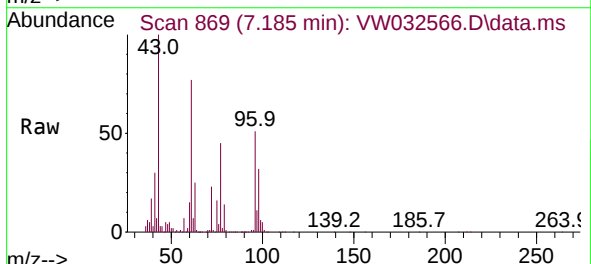
Tgt Ion: 43 Resp: 556662
Ion Ratio Lower Upper
43 100
72 24.6 19.7 29.5

Manual Integrations
APPROVED

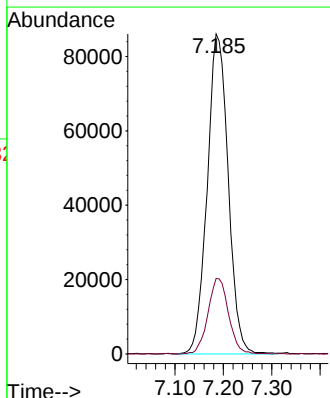
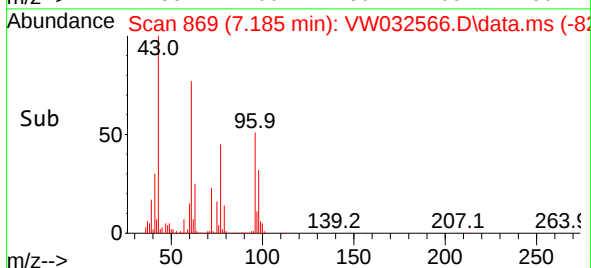
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

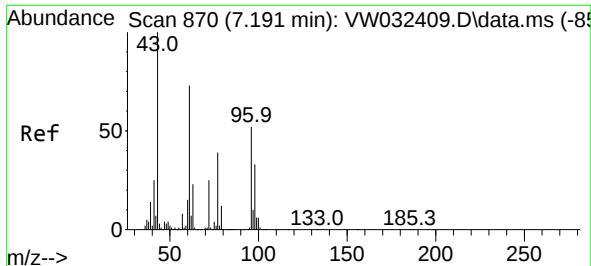


#26
2,2-Dichloropropane
Concen: 45.520 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



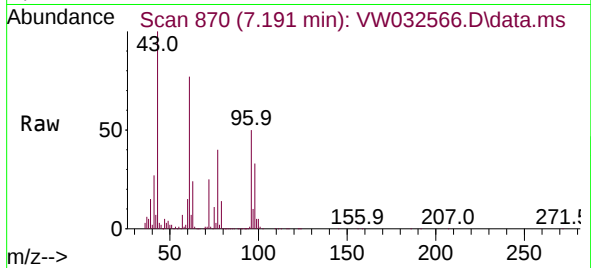
Tgt Ion: 77 Resp: 259023
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 48.090 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

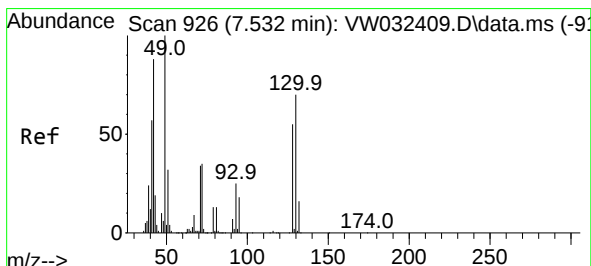
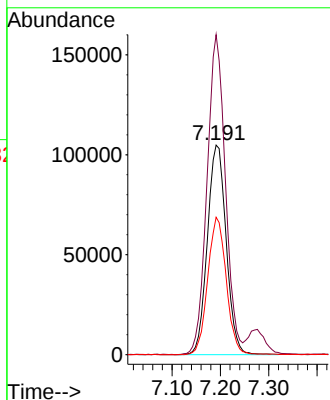
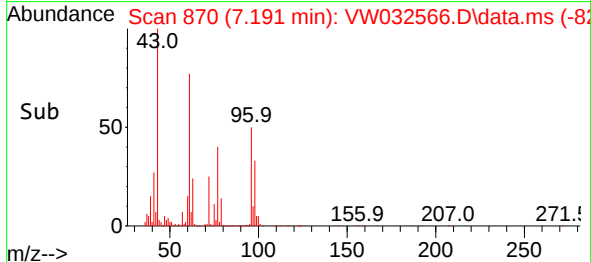
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 283098
Ion Ratio Lower Upper
96 100
61 149.3 0.0 298.6
98 64.6 0.0 129.2

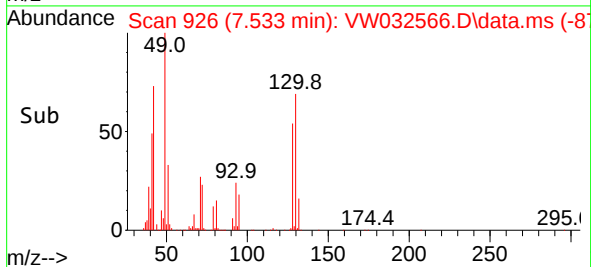
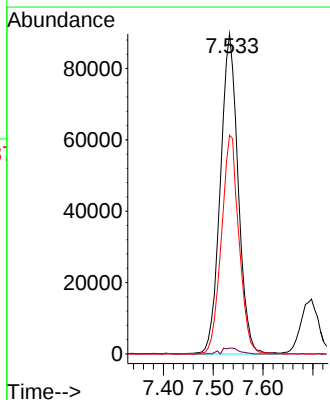
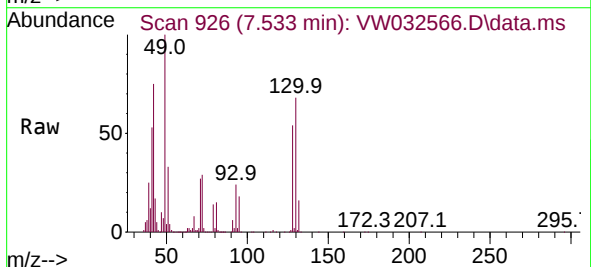
Manual Integrations
APPROVED

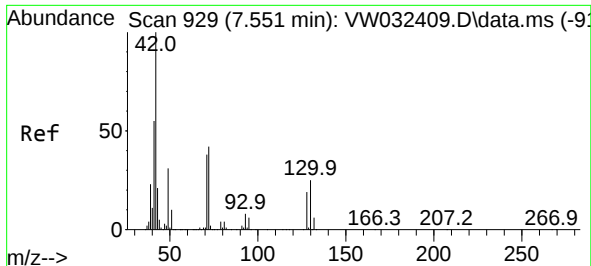
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#28
Bromochloromethane
Concen: 50.542 ug/l
RT: 7.533 min Scan# 926
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Tgt Ion: 49 Resp: 222861
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 67.6 54.1 81.1





#29

Tetrahydrofuran

Concen: 270.022 ug/l

RT: 7.551 min Scan# 929

Delta R.T. 0.000 min

Lab File: VW032566.D

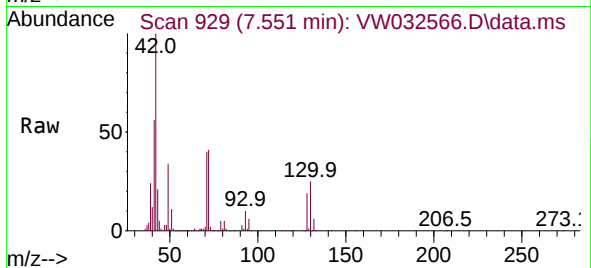
Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050



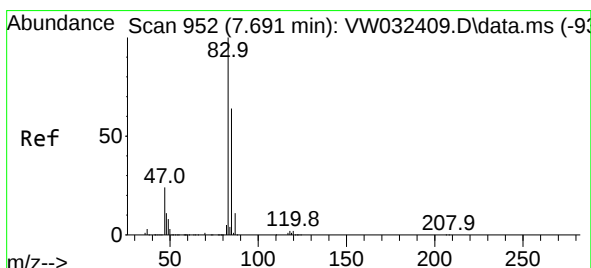
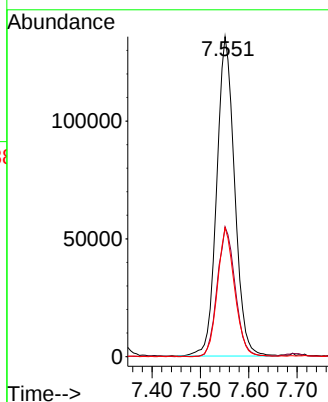
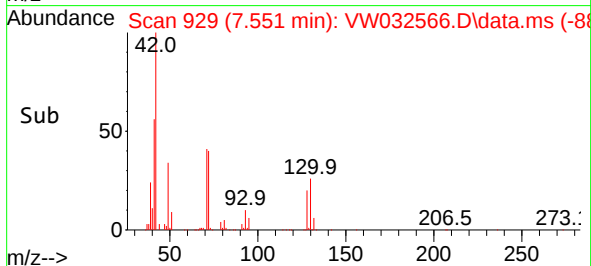
Tgt Ion:	42	Resp:	349113
Ion Ratio	Lower	Upper	
42	100		
72	40.5	32.4	48.6
71	38.9	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 46.740 ug/l

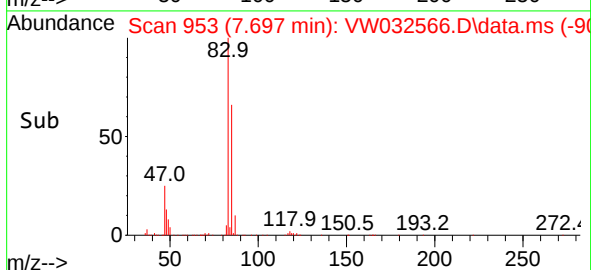
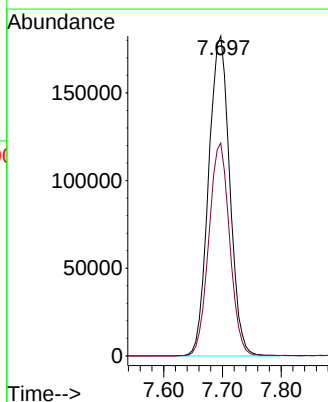
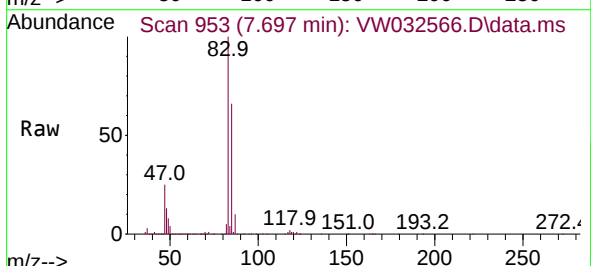
RT: 7.697 min Scan# 953

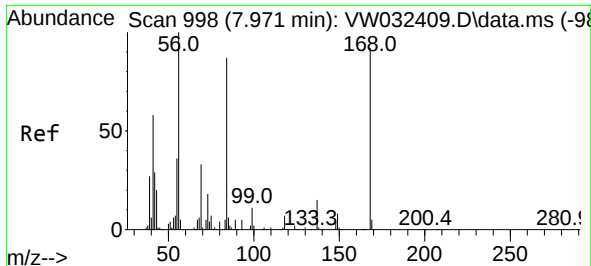
Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

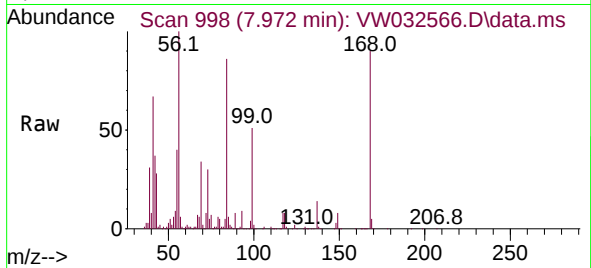
Tgt Ion:	83	Resp:	455334
Ion Ratio	Lower	Upper	
83	100		
85	66.4	53.1	79.7





#31
Cyclohexane
Concen: 46.435 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

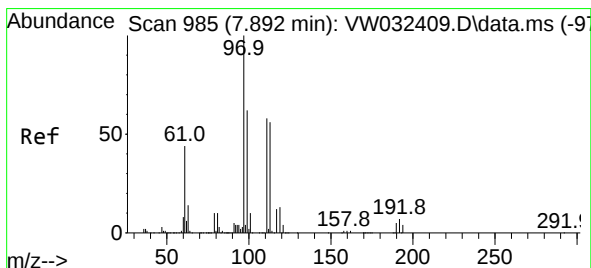
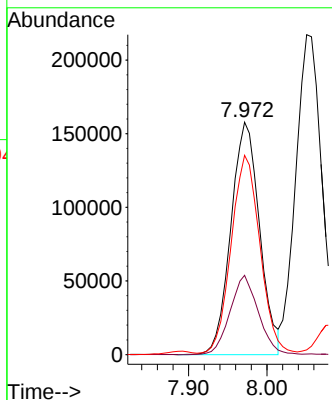
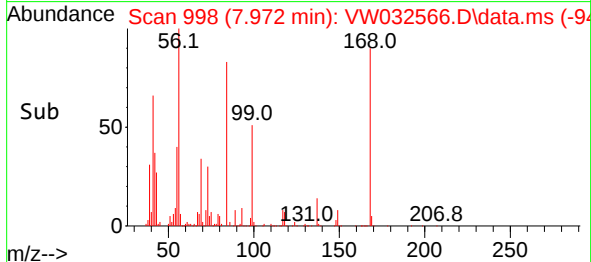
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



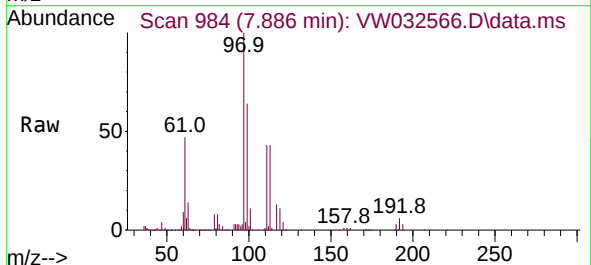
Tgt Ion: 56 Resp: 401917
Ion Ratio Lower Upper
56 100
69 34.1 27.3 40.9
84 84.4 67.5 101.3

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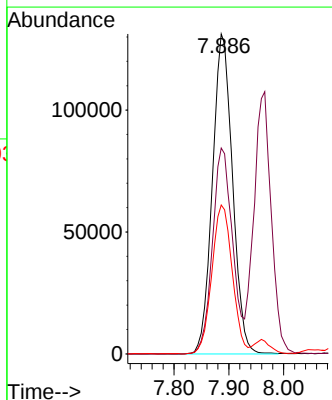
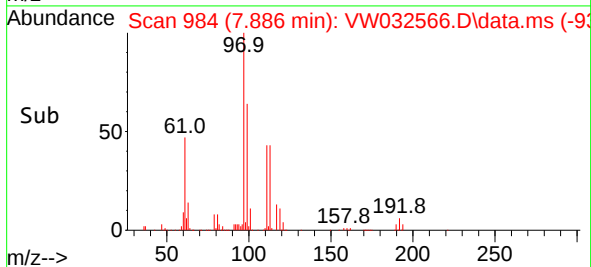
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

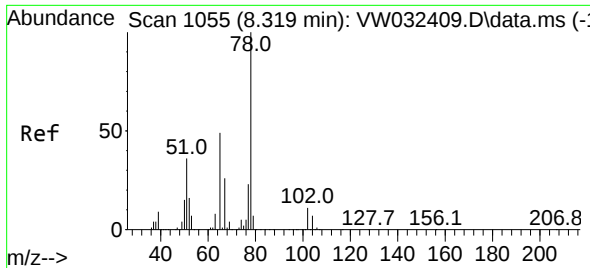


#32
1,1,1-Trichloroethane
Concen: 47.218 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



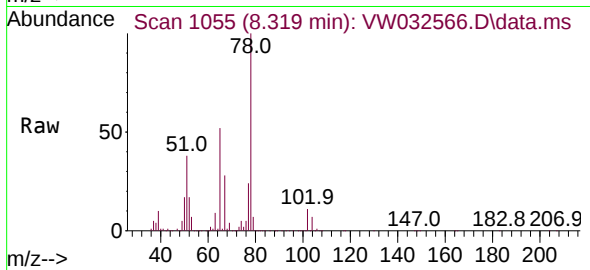
Tgt Ion: 97 Resp: 333847
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 47.3 37.8 56.8





#33
 1,2-Dichloroethane-d4
 Concen: 48.970 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37

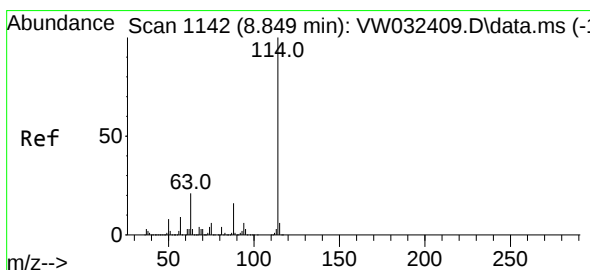
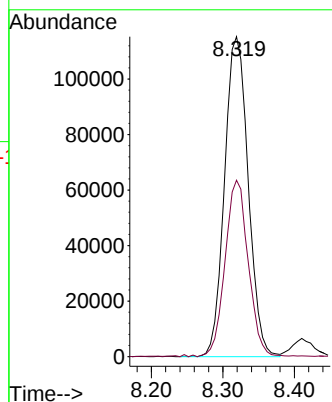
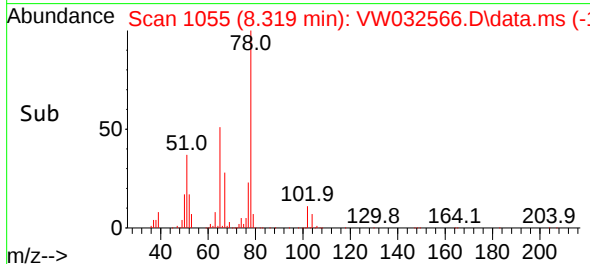
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



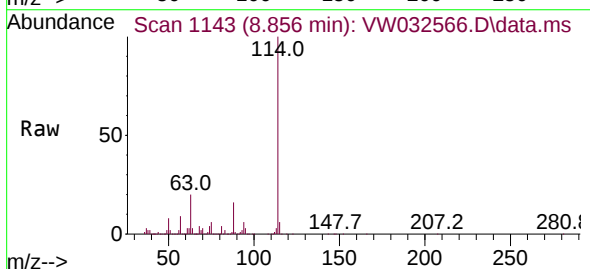
Tgt Ion: 65 Resp: 264413
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.0

Manual Integrations
 APPROVED

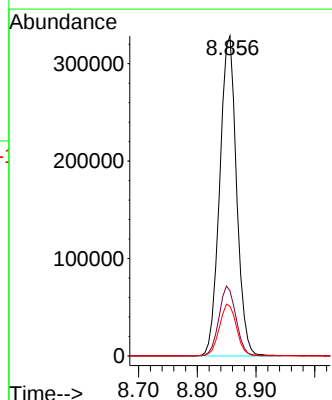
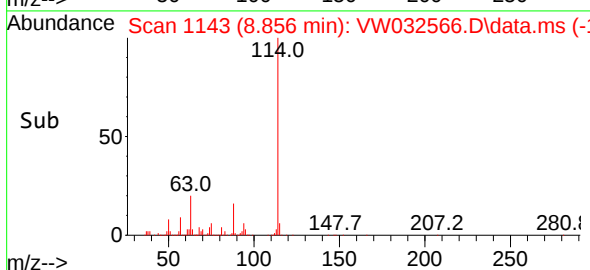
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

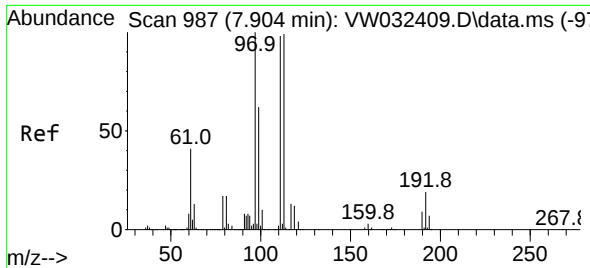


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.856 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37



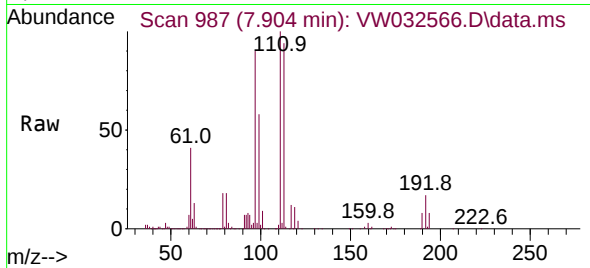
Tgt Ion:114 Resp: 653706
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.6 0.0 31.2





#35
Dibromofluoromethane
Concen: 50.493 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

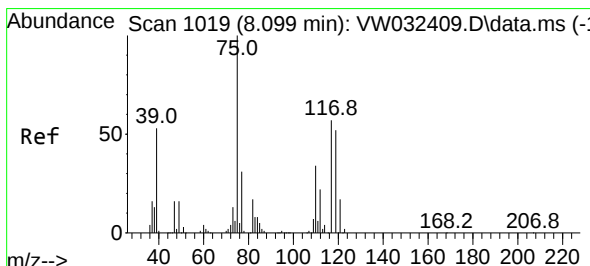
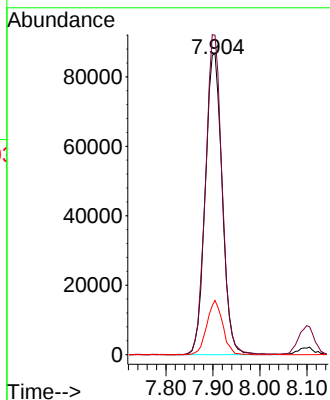
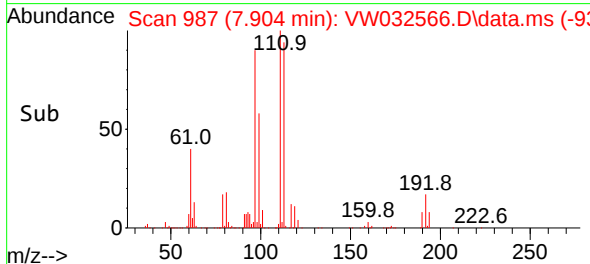
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 217213
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.0
192 16.8 13.4 20.2

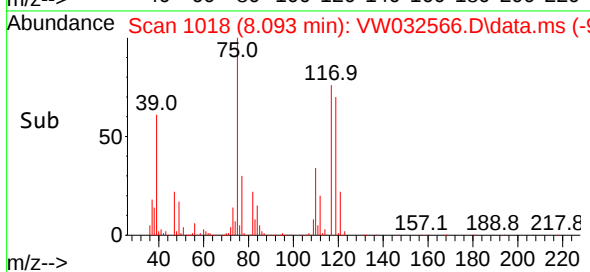
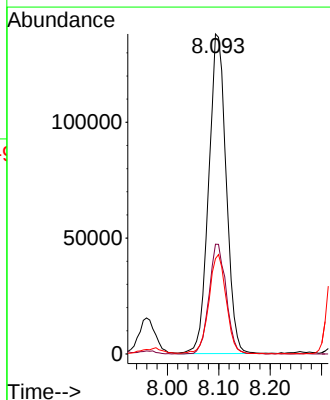
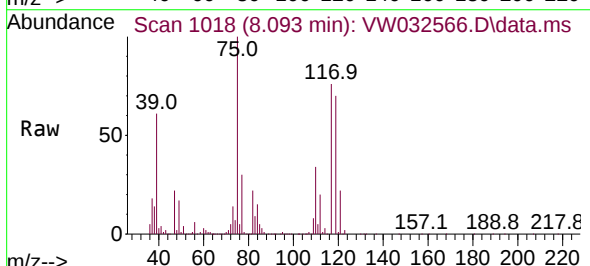
Manual Integrations
APPROVED

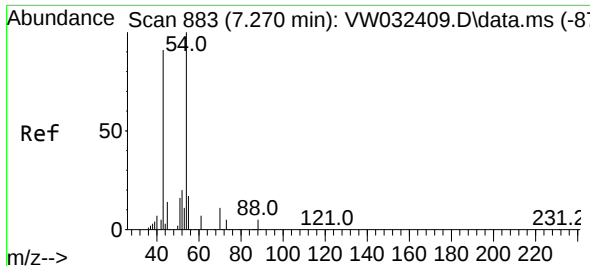
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 49.691 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

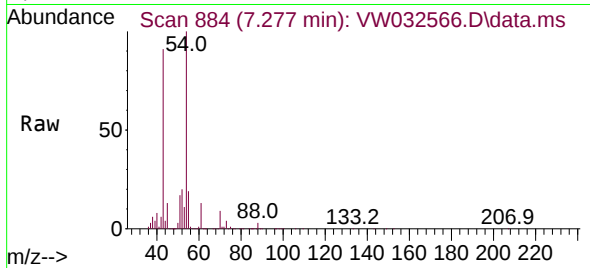
Tgt Ion: 75 Resp: 326053
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.6
77 30.8 24.6 37.0





#37
Ethyl Acetate
Concen: 52.695 ug/l
RT: 7.277 min Scan# 883
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

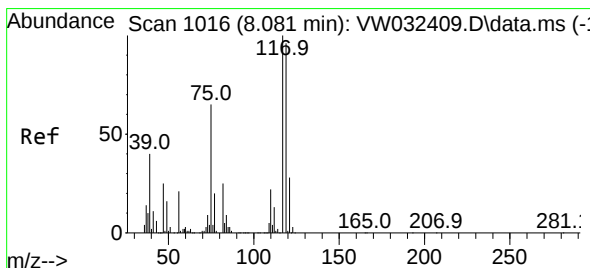
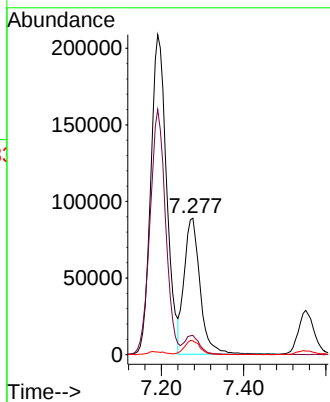
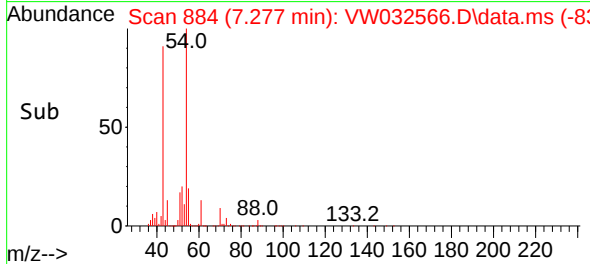
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



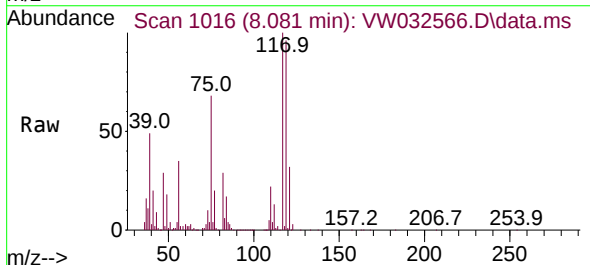
Tgt Ion: 43 Resp: 239279
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 9.9 7.9 11.9

Manual Integrations
APPROVED

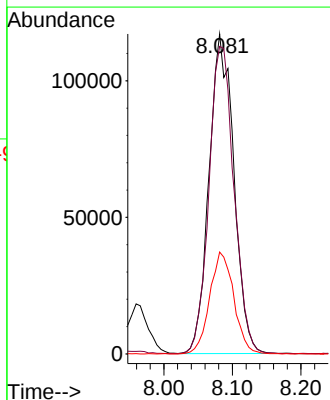
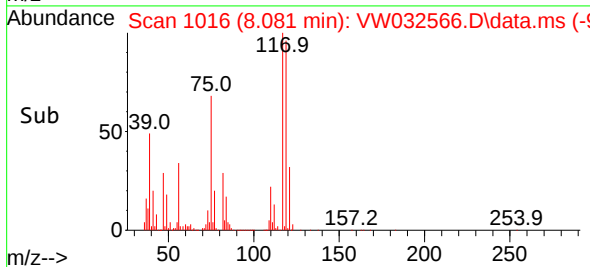
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

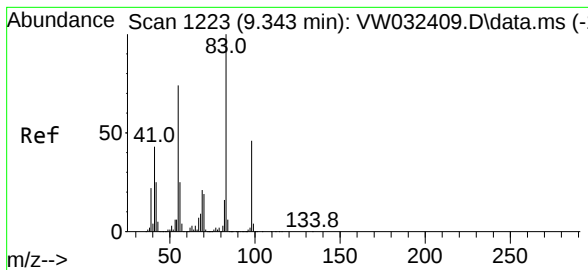


#38
Carbon Tetrachloride
Concen: 48.183 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



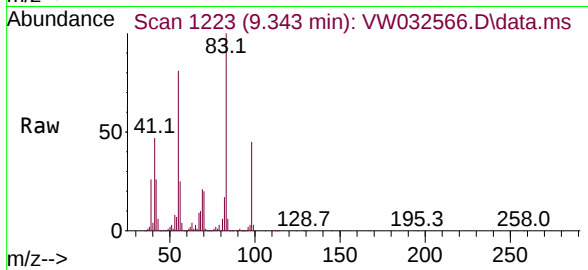
Tgt Ion:117 Resp: 293722
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 31.8 25.4 38.2





#39
Methylcyclohexane
Concen: 50.856 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

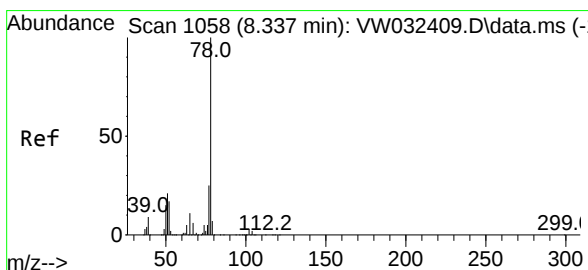
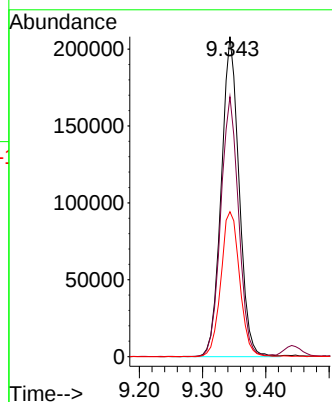
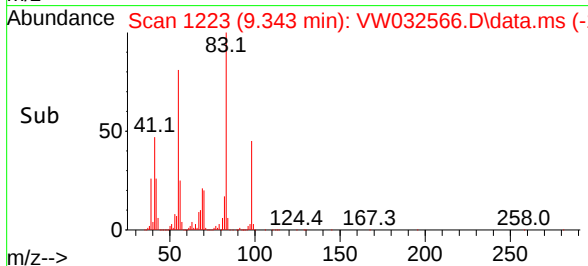
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 407472
Ion Ratio Lower Upper
83 100
55 81.1 64.9 97.3
98 45.3 36.2 54.4

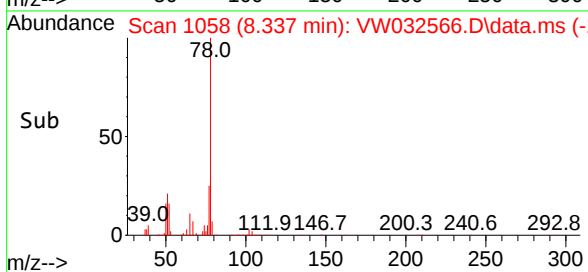
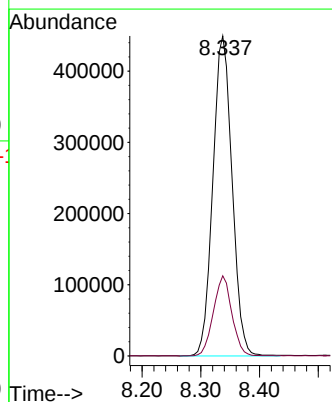
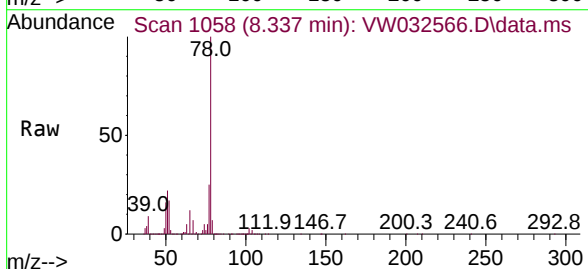
Manual Integrations
APPROVED

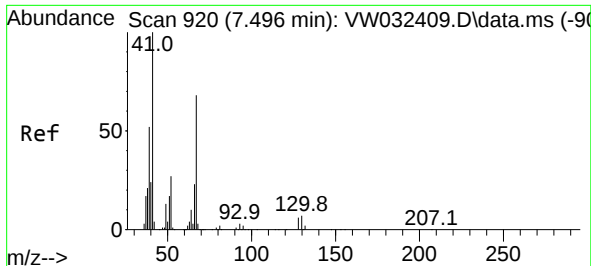
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#40
Benzene
Concen: 48.762 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

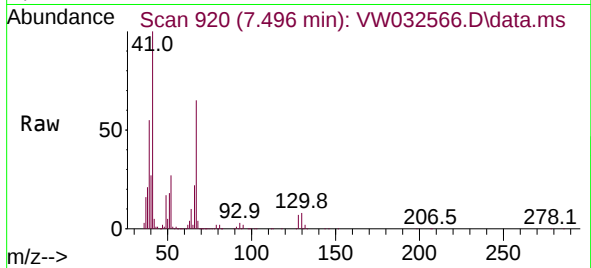
Tgt Ion: 78 Resp: 1019611
Ion Ratio Lower Upper
78 100
77 25.0 20.0 30.0





#41
Methacrylonitrile
Concen: 57.568 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

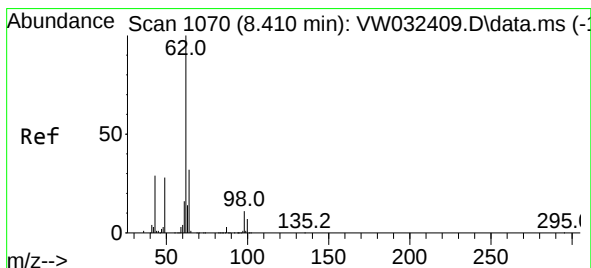
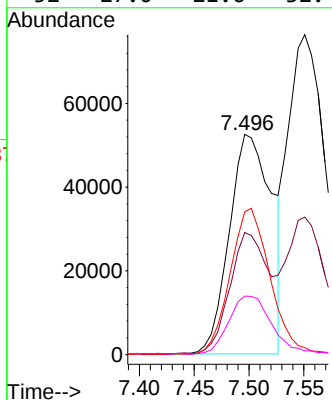
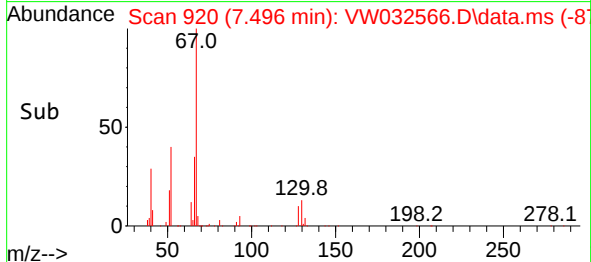
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion	Ratio	Lower	Upper
41	100		
39	48.1	38.5	57.7
67	62.2	49.8	74.6
52	27.0	21.6	32.4

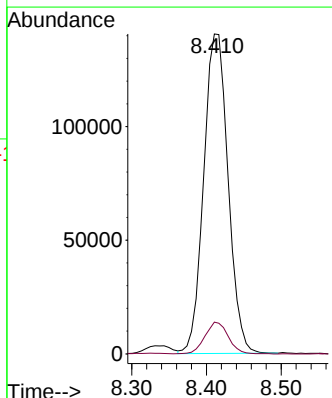
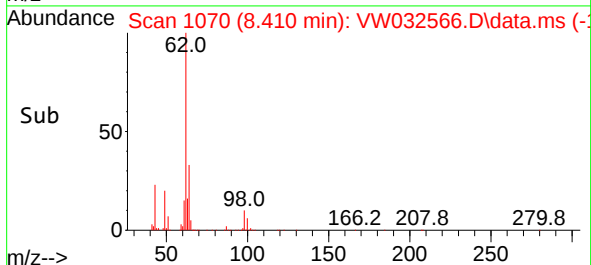
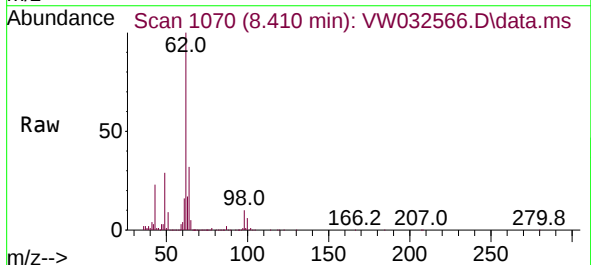
Manual Integrations
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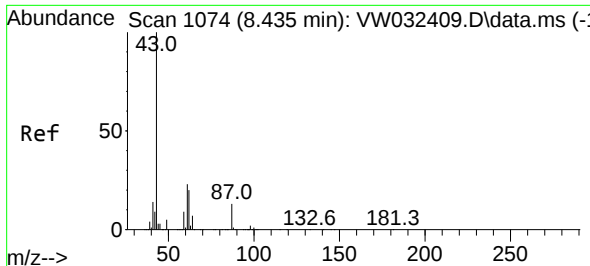
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 49.741 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

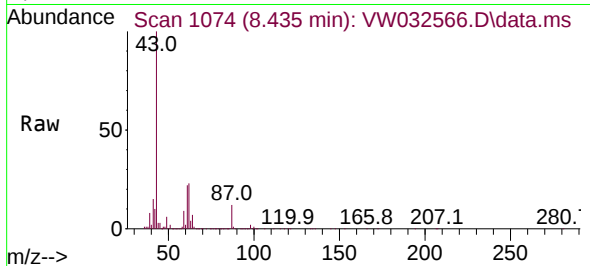
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43
Isopropyl Acetate
Concen: 53.154 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

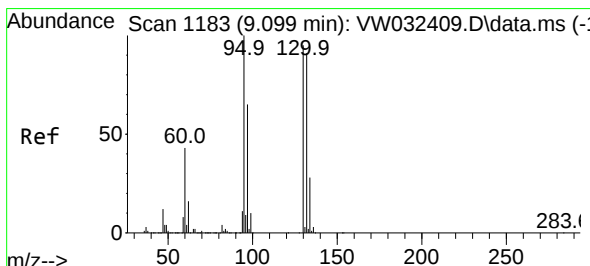
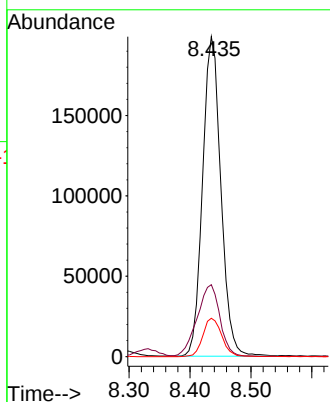
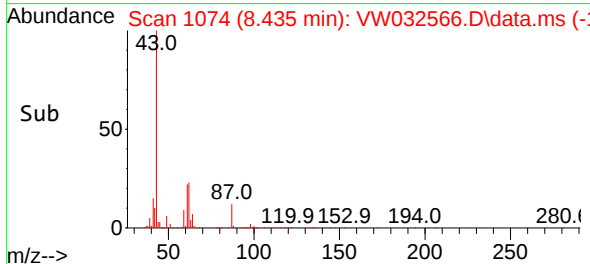
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



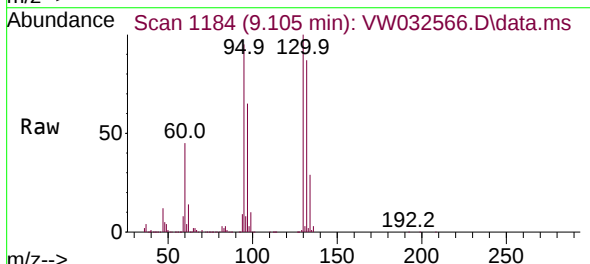
Tgt Ion: 43 Resp: 414876
Ion Ratio Lower Upper
43 100
61 27.9 22.3 33.5
87 12.4 9.9 14.9

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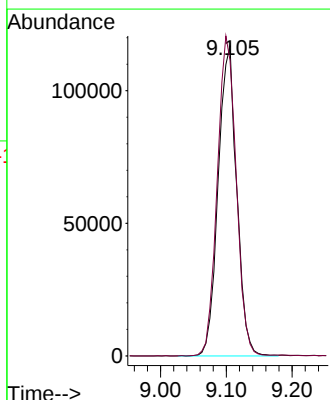
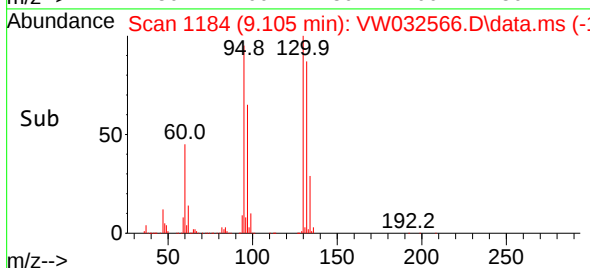
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

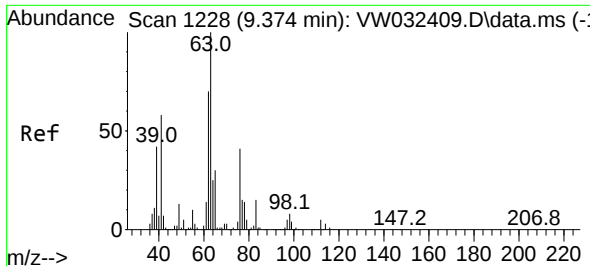


#44
Trichloroethene
Concen: 48.608 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



Tgt Ion:130 Resp: 227165
Ion Ratio Lower Upper
130 100
95 95.2 0.0 190.4





#45

1,2-Dichloropropane

Concen: 49.196 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 25551

Ion Ratio Lower Upper

63 100

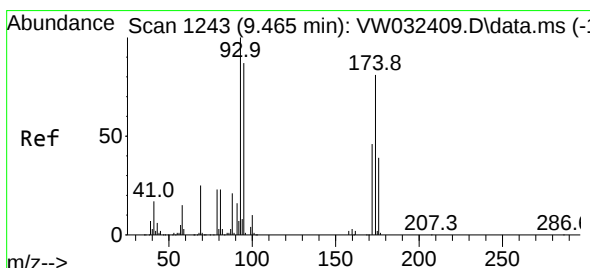
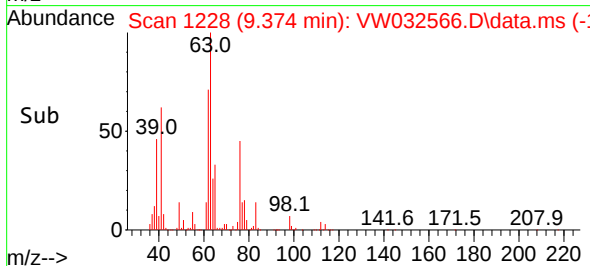
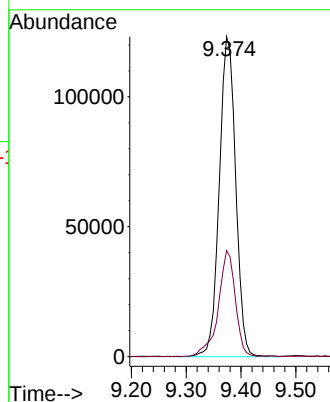
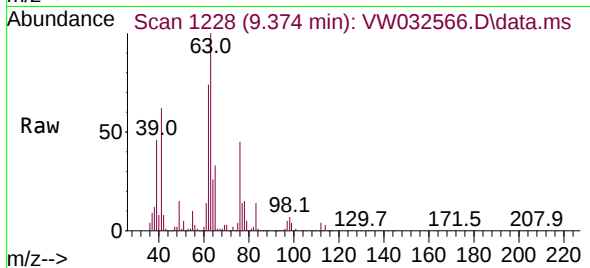
65 33.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 50.560 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

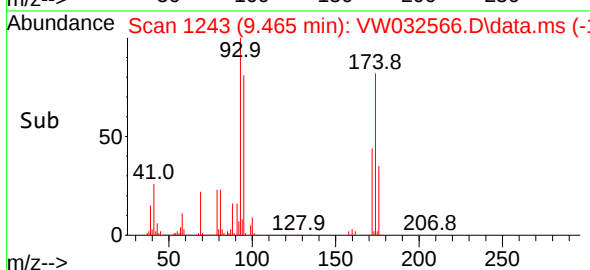
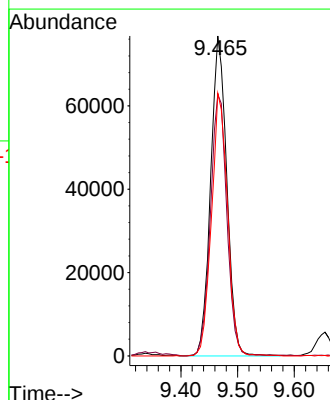
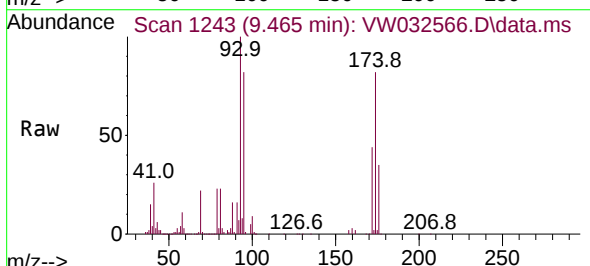
Tgt Ion: 93 Resp: 151851

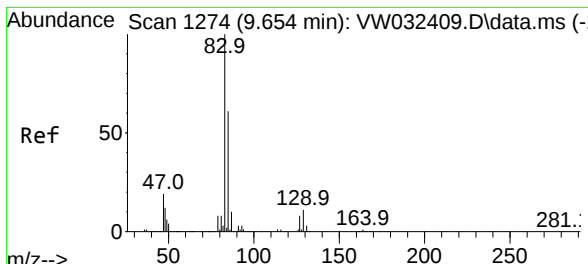
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

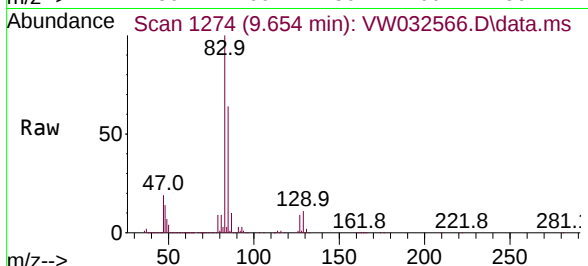
174 81.6 65.3 97.9





#47
 Bromodichloromethane
 Concen: 49.301 ug/l
 RT: 9.654 min Scan# 1274
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37

Instrument : MSVOA_W
 ClientSampleId : VSTDICCC050

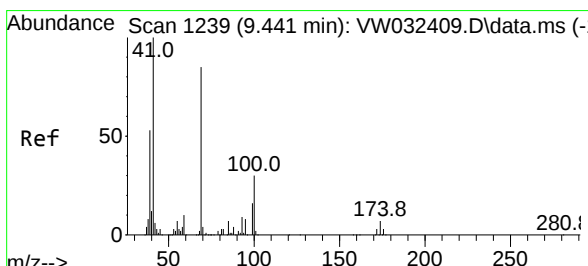
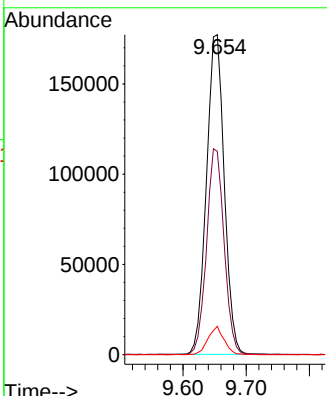
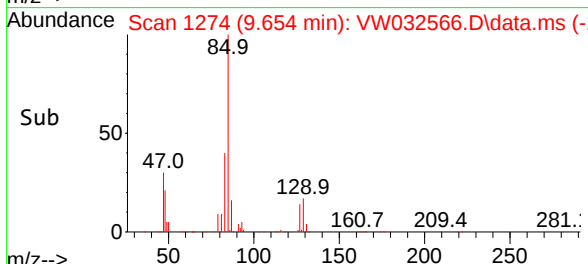


Tgt Ion: 83 Resp: 347048

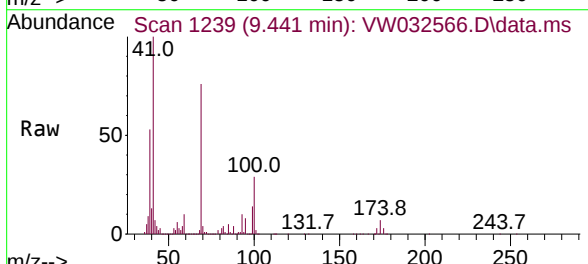
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2
127	8.8	7.0	10.6

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

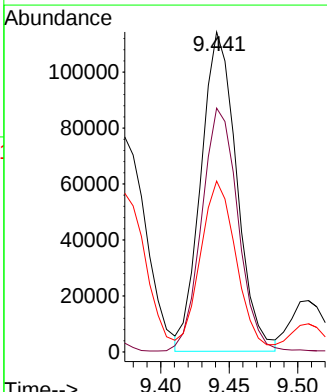
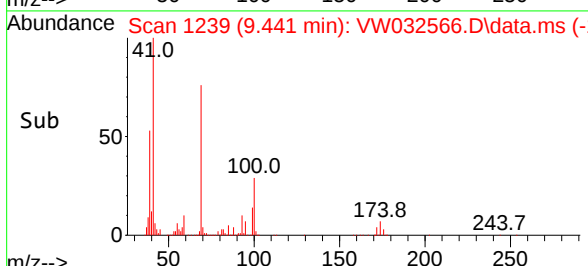


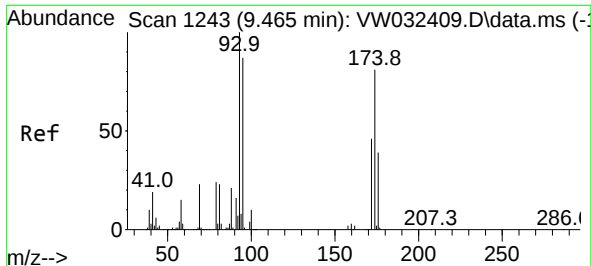
#48
 Methyl methacrylate
 Concen: 58.409 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37



Tgt Ion: 41 Resp: 207237

Ion	Ratio	Lower	Upper
41	100		
69	77.6	62.1	93.1
39	48.9	39.1	58.7





#49

1,4-Dioxane

Concen: 1108.328 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VW032566.D

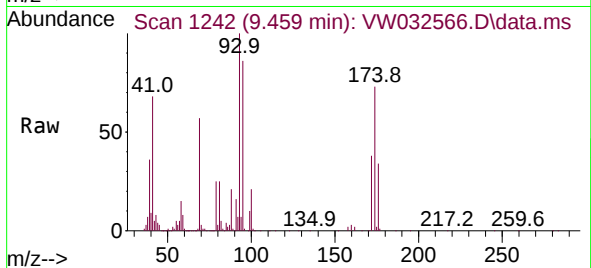
Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050



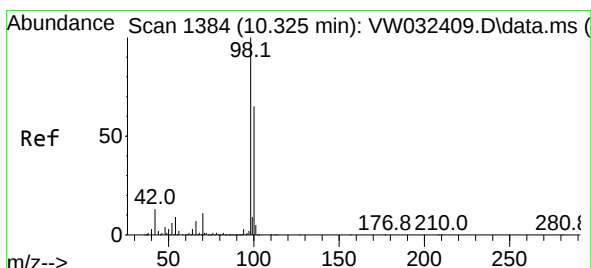
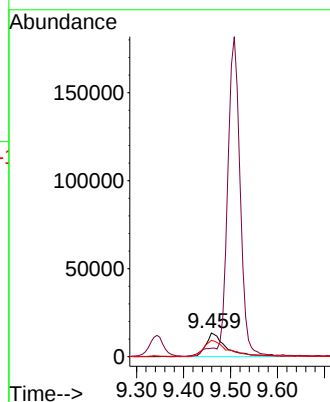
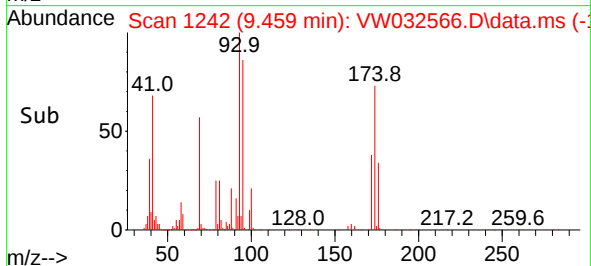
Tgt Ion:	88	Resp:	39775
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	81.5	65.2	97.8

Manual Integrations

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Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 50.709 ug/l

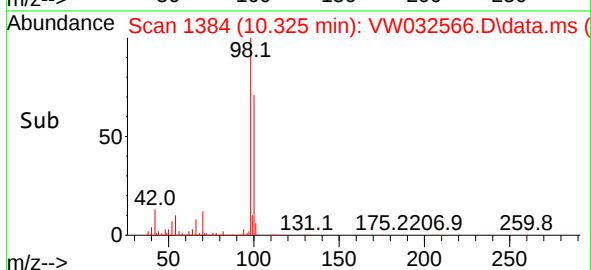
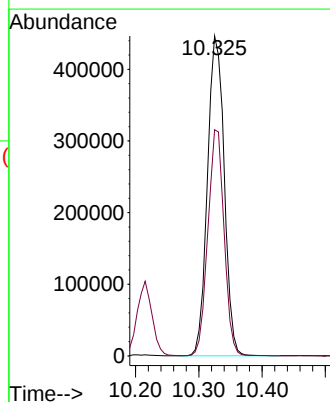
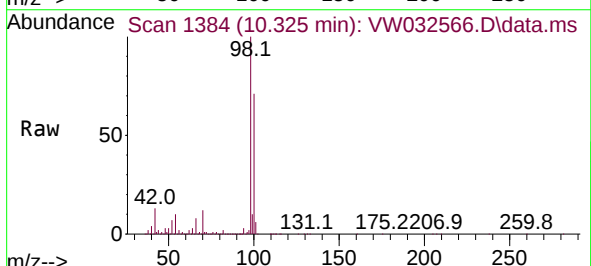
RT: 10.325 min Scan# 1384

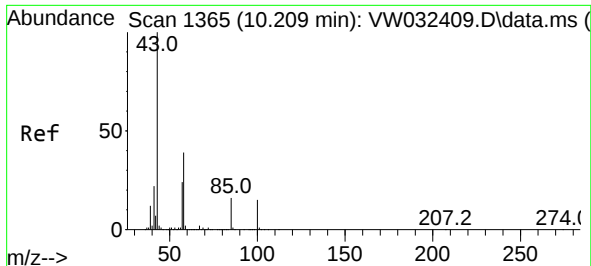
Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

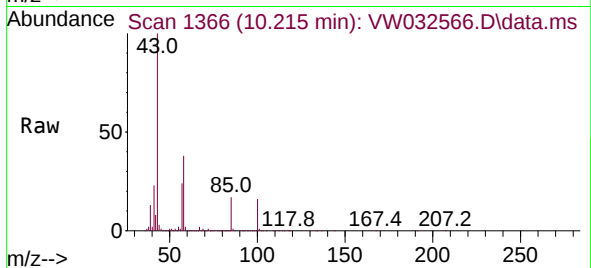
Tgt Ion:	98	Resp:	820832
Ion Ratio	Lower	Upper	
98	100		
100	68.4	54.7	82.1





#51
4-Methyl-2-Pentanone
Concen: 271.448 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

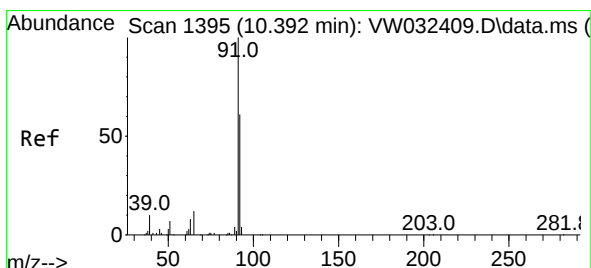
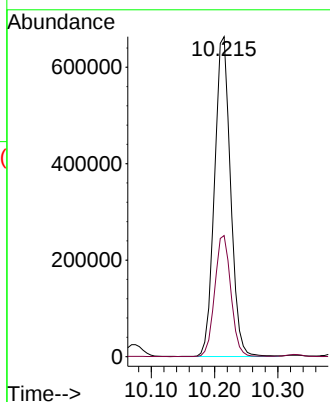
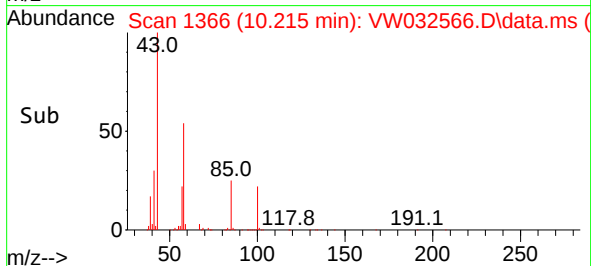
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1172335
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7

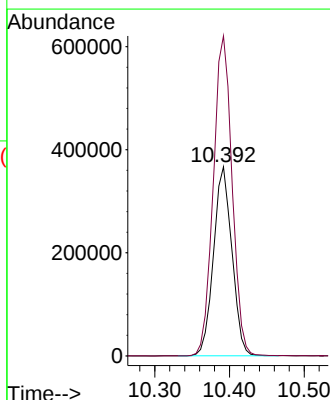
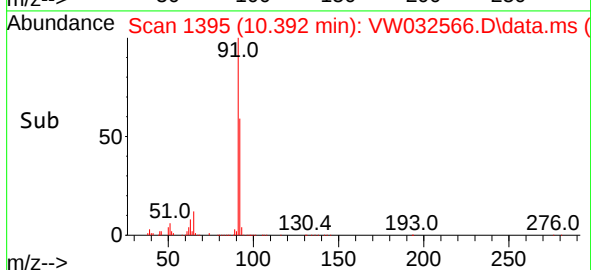
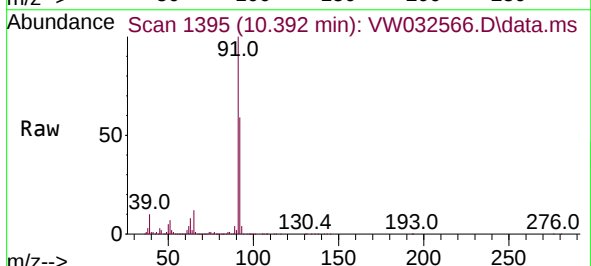
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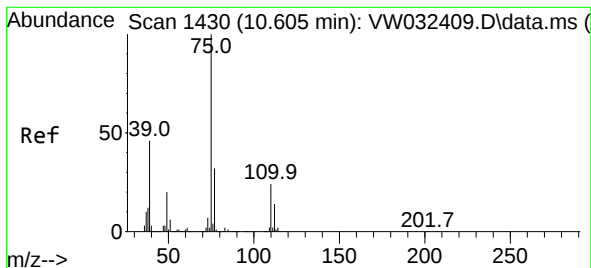
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 49.772 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

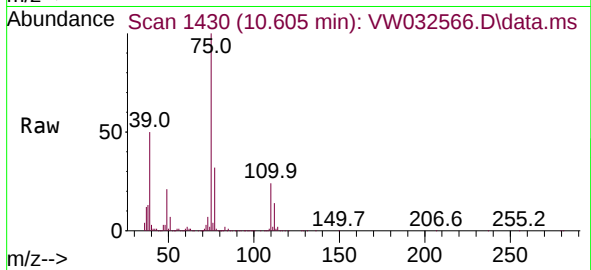
Tgt Ion: 92 Resp: 627085
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 50.906 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

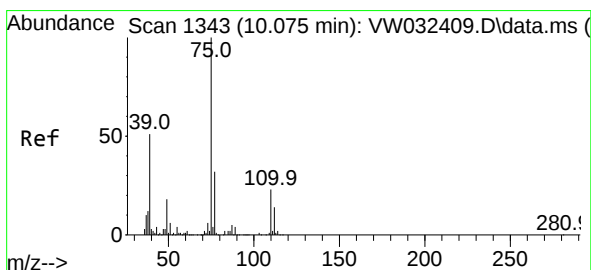
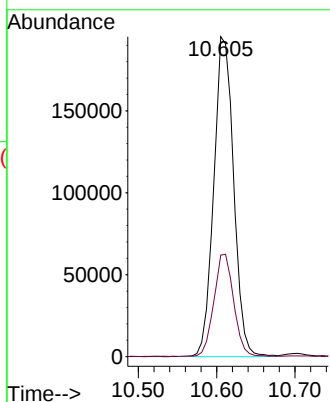
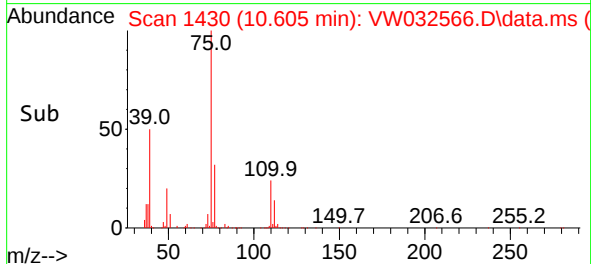
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



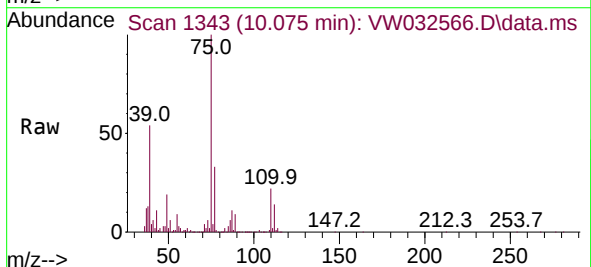
Tgt Ion: 75 Resp: 343782
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

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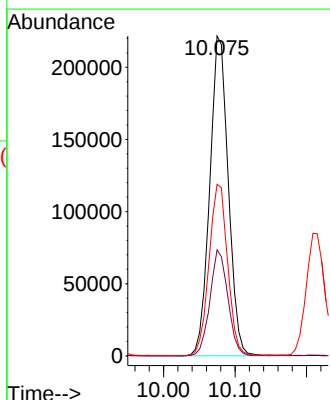
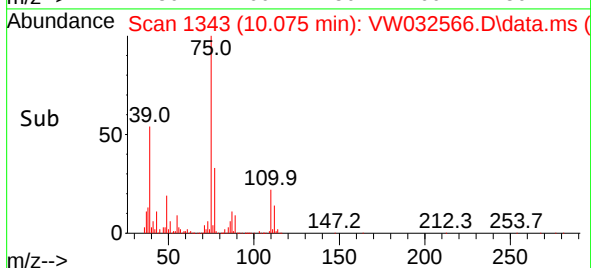
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

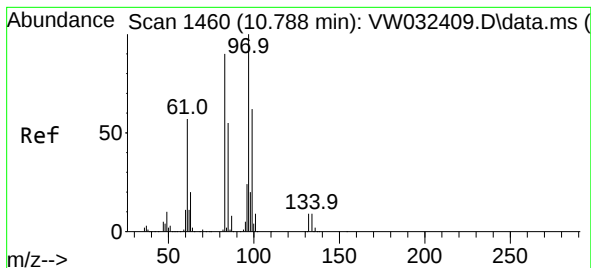


#54
cis-1,3-Dichloropropene
Concen: 50.372 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



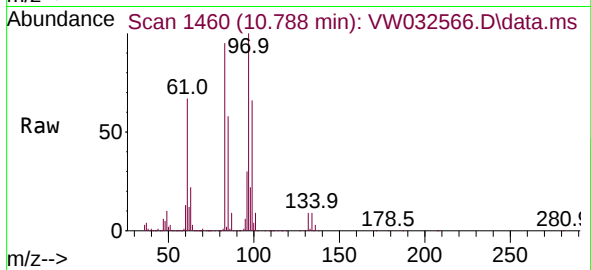
Tgt Ion: 75 Resp: 399207
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7
39 53.6 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 49.579 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

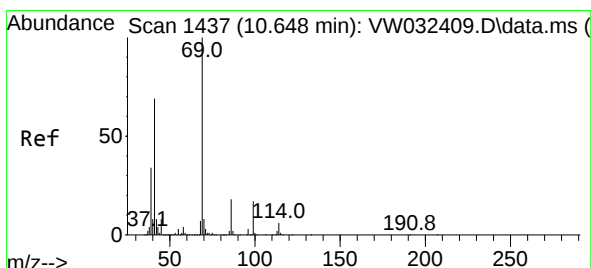
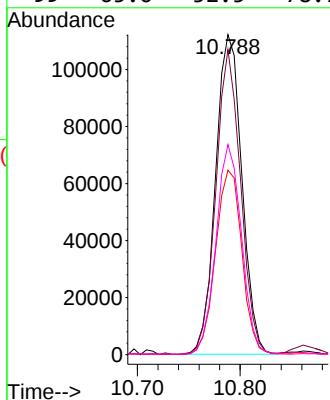
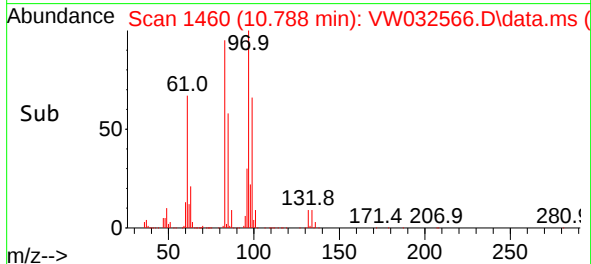
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



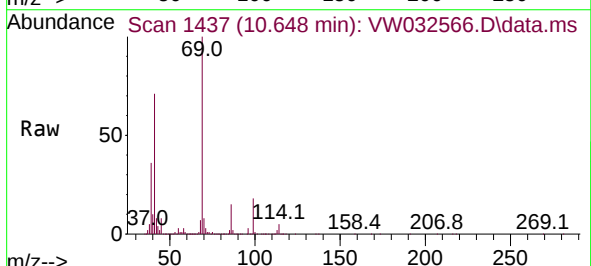
Tgt Ion: 97 Resp: 199440
Ion Ratio Lower Upper
97 100
83 95.4 76.3 114.5
85 57.6 46.1 69.1
99 65.6 52.5 78.7

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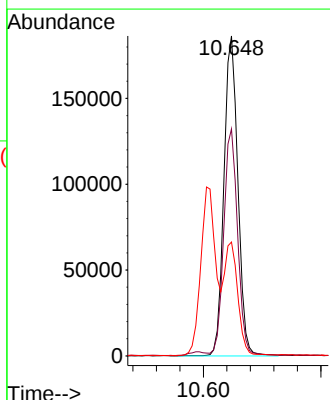
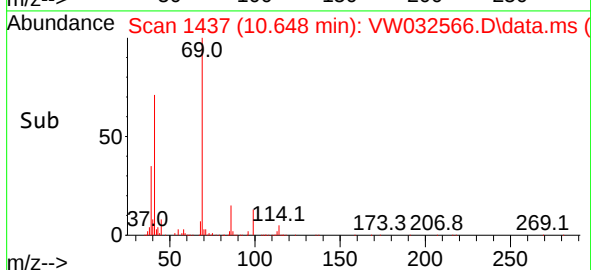
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

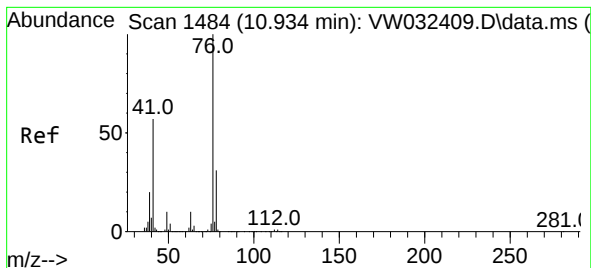


#56
Ethyl methacrylate
Concen: 55.063 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



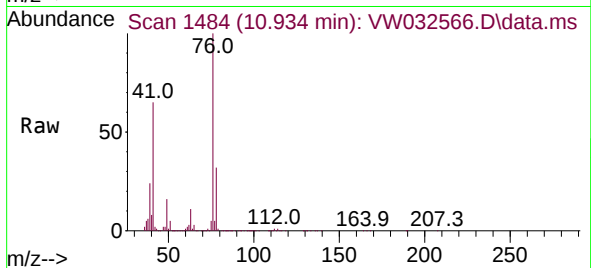
Tgt Ion: 69 Resp: 306314
Ion Ratio Lower Upper
69 100
41 70.3 56.2 84.4
39 33.6 26.9 40.3





#57
1,3-Dichloropropane
Concen: 50.828 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

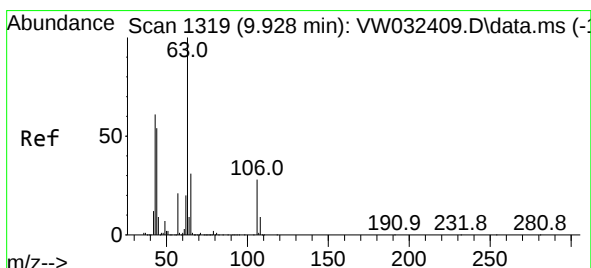
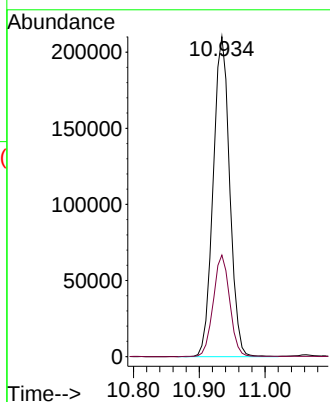
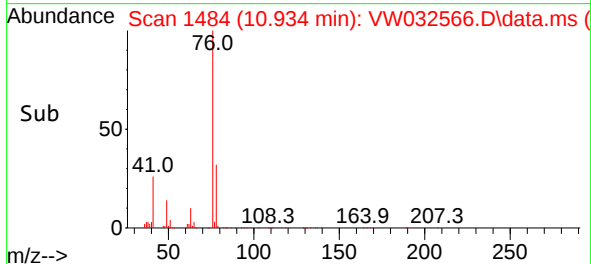
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 364898
Ion Ratio Lower Upper
76 100
78 31.7 25.4 38.0

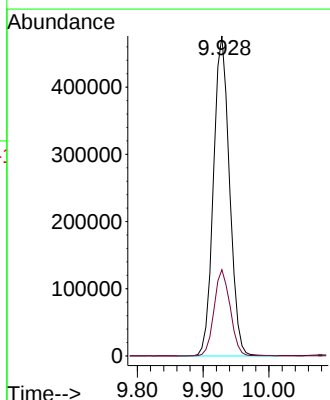
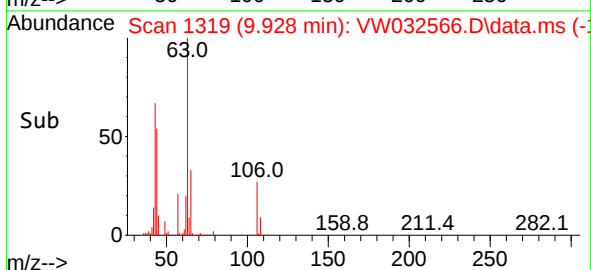
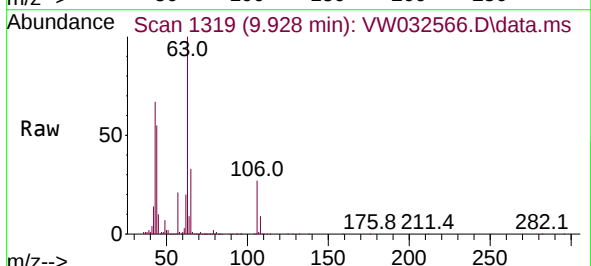
Manual Integrations
APPROVED

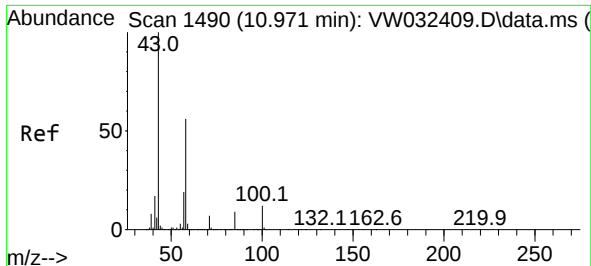
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 275.876 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

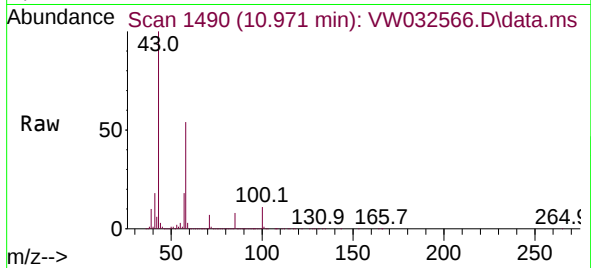
Tgt Ion: 63 Resp: 804140
Ion Ratio Lower Upper
63 100
106 26.9 21.5 32.3





#59
2-Hexanone
Concen: 279.616 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

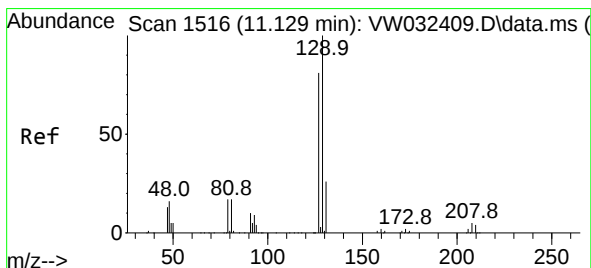
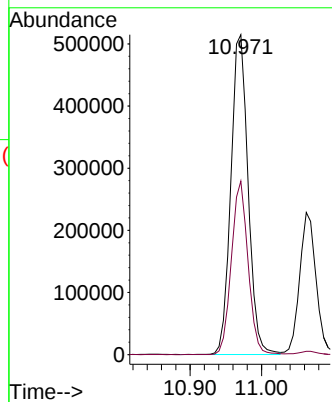
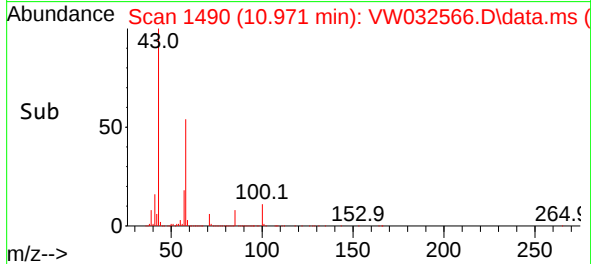
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



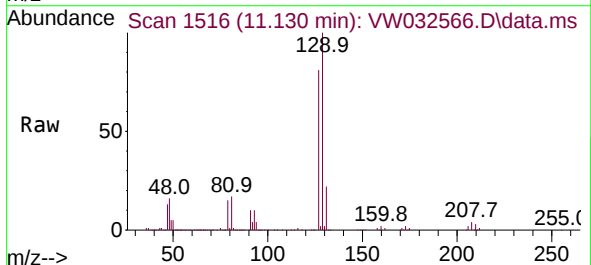
Tgt Ion: 43 Resp: 86002
Ion Ratio Lower Upper
43 100
58 52.4 26.2 78.6

Manual Integrations
APPROVED

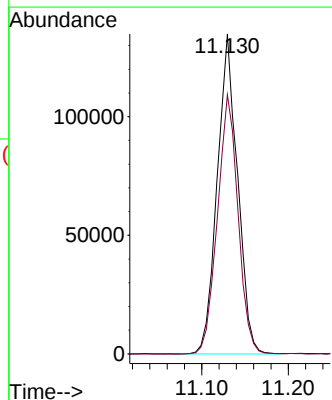
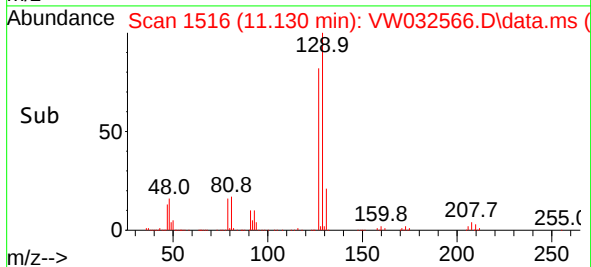
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

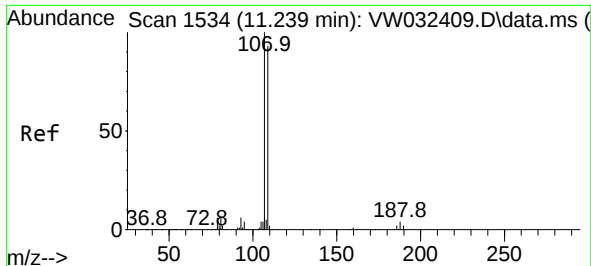


#60
Dibromochloromethane
Concen: 49.101 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



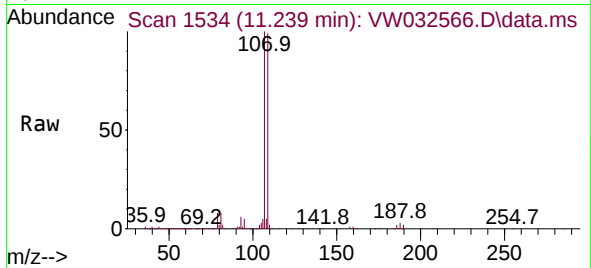
Tgt Ion:129 Resp: 221375
Ion Ratio Lower Upper
129 100
127 81.9 40.9 122.8





#61
1,2-Dibromoethane
Concen: 50.371 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

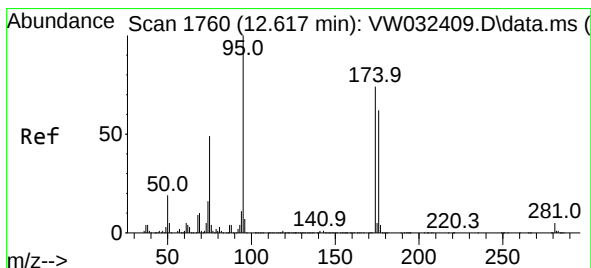
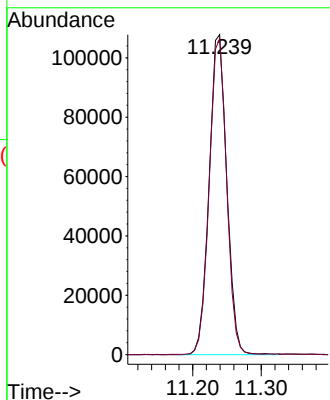
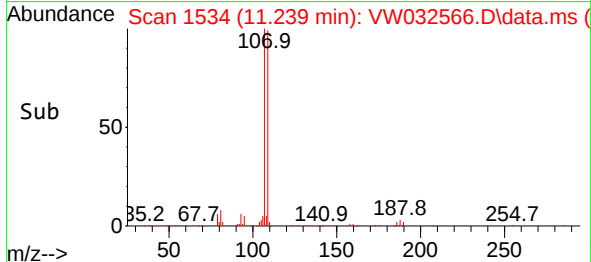
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



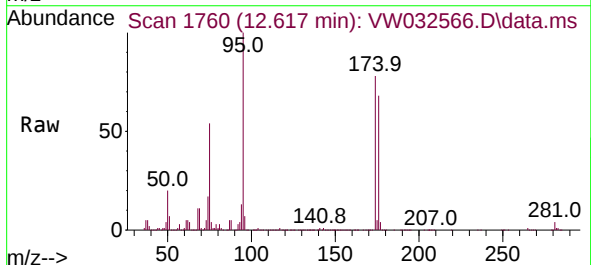
Tgt Ion:107 Resp: 192699
Ion Ratio Lower Upper
107 100
109 96.9 77.5 116.3

Manual Integrations
APPROVED

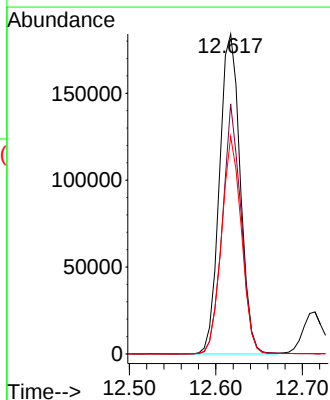
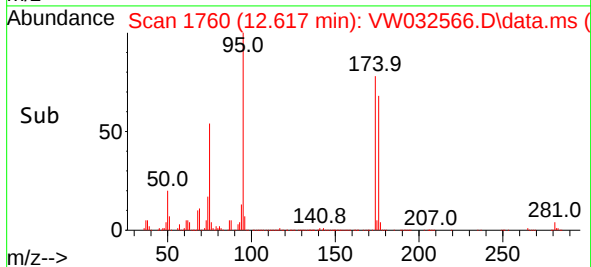
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

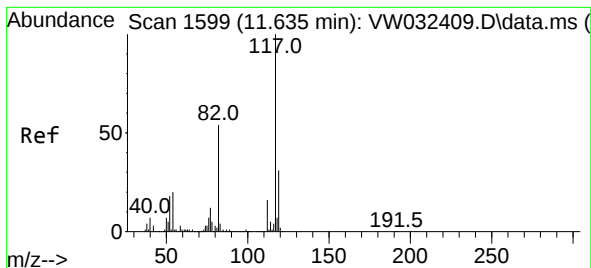


#62
4-Bromofluorobenzene
Concen: 51.333 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



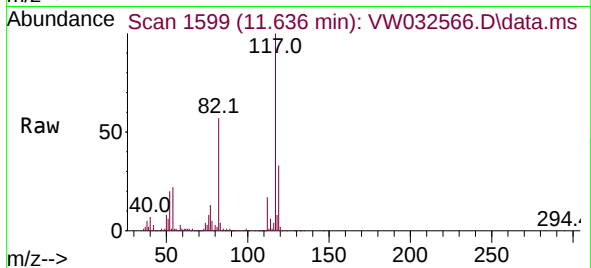
Tgt Ion: 95 Resp: 306999
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.2
176 65.4 0.0 130.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

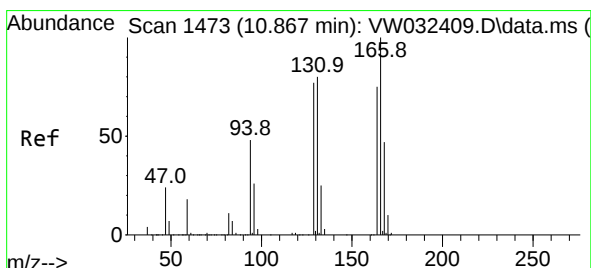
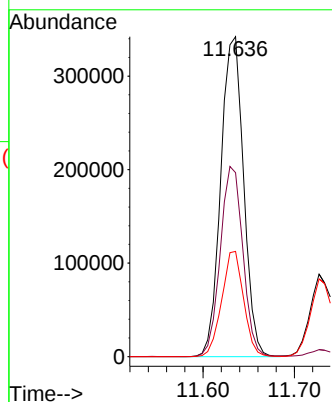
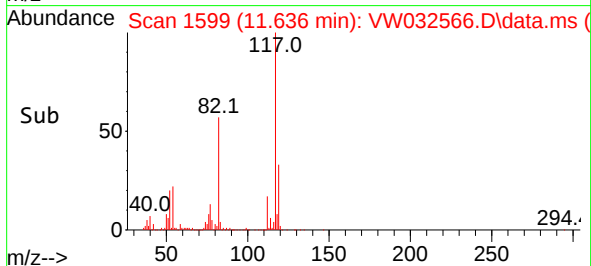
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 592275
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.9 26.3 39.5

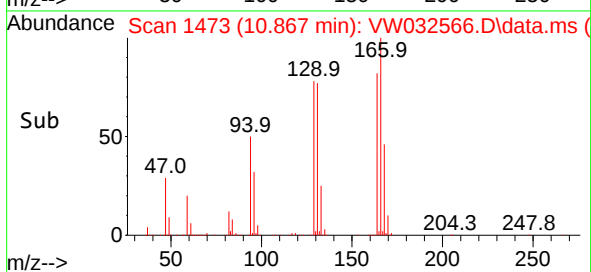
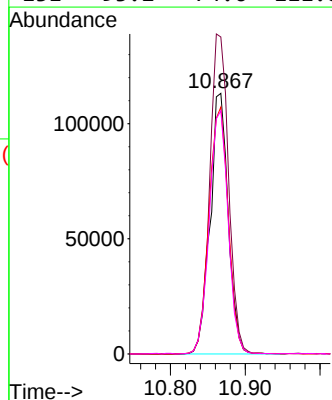
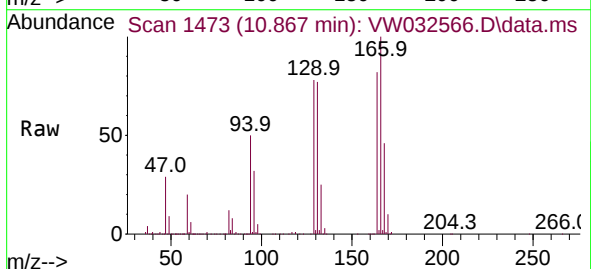
Manual Integrations
APPROVED

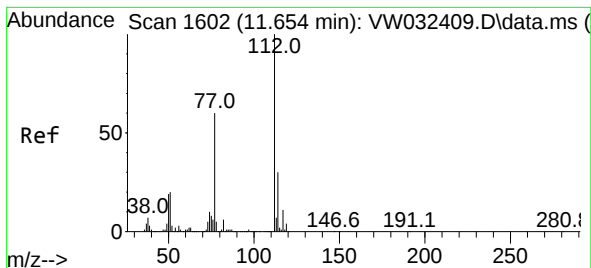
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 48.263 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

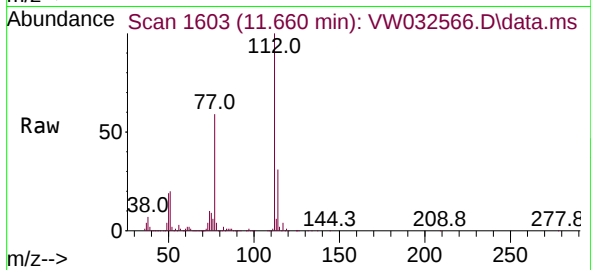
Tgt Ion:164 Resp: 190655
Ion Ratio Lower Upper
164 100
166 121.6 97.3 145.9
129 94.6 75.7 113.5
131 93.2 74.6 111.8





#65
Chlorobenzene
Concen: 49.762 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

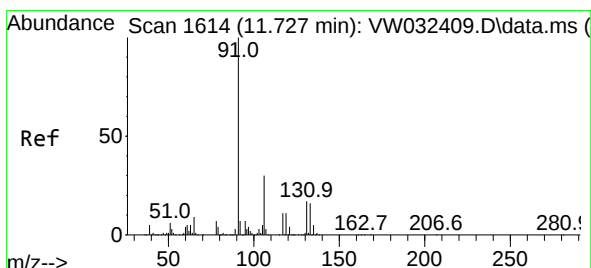
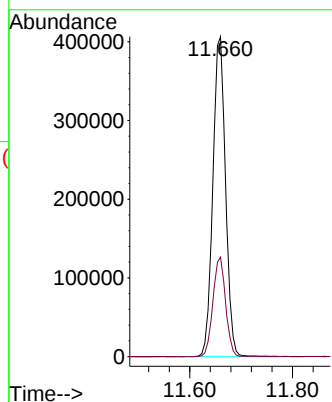
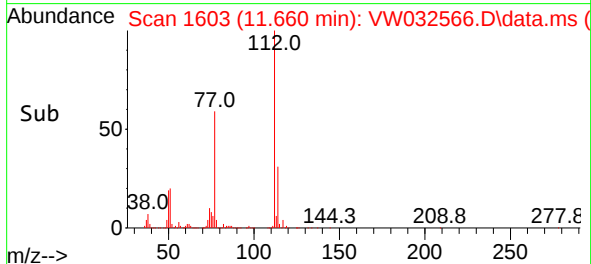
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



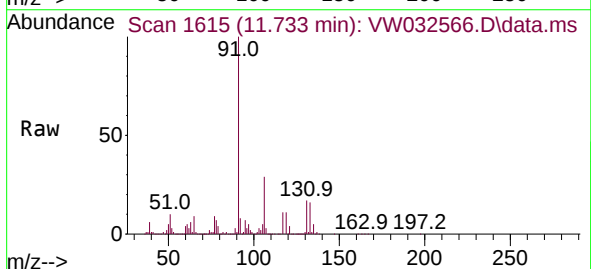
Tgt Ion:112 Resp: 696412
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3

Manual Integrations
APPROVED

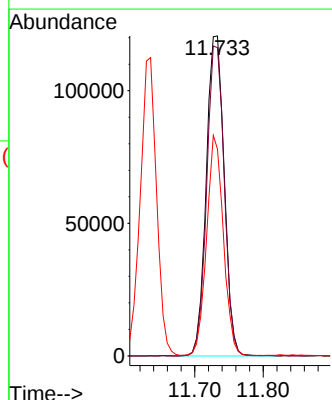
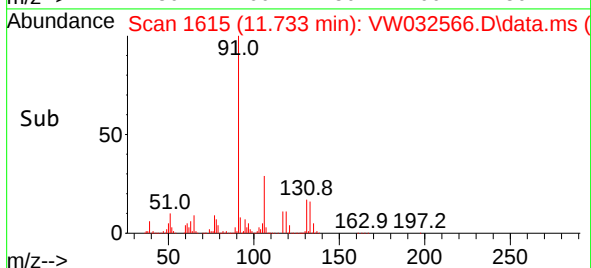
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

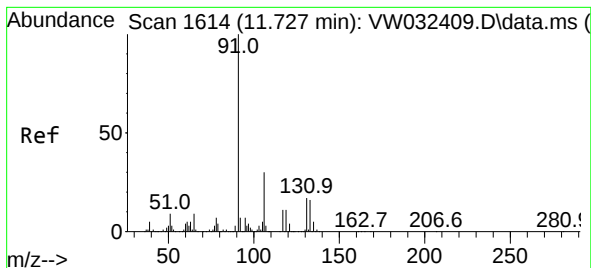


#66
1,1,1,2-Tetrachloroethane
Concen: 50.455 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



Tgt Ion:131 Resp: 218393
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 64.4 32.2 96.6





#67

Ethyl Benzene

Concen: 50.714 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 120466

Ion Ratio Lower Upper

91 100

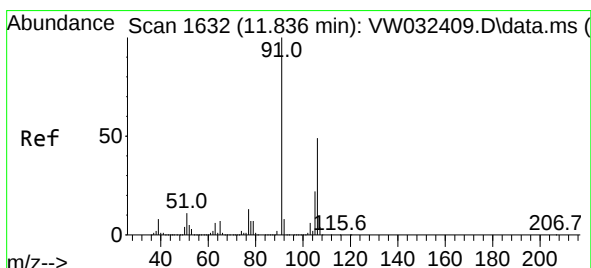
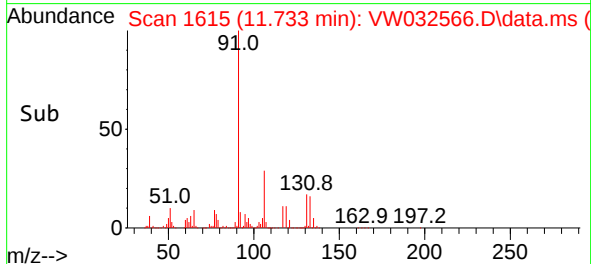
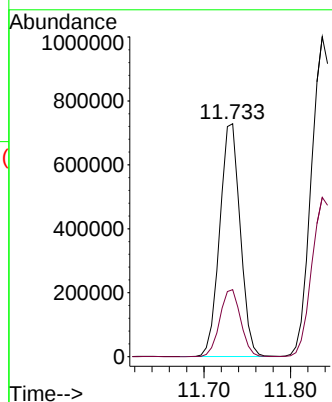
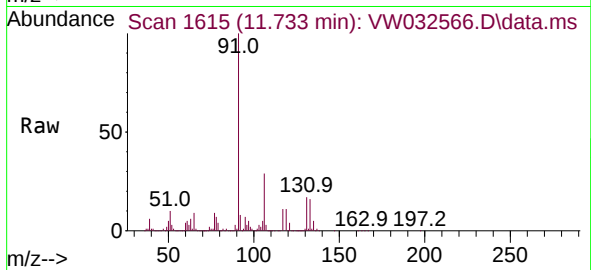
106 28.8 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#68

m/p-Xylenes

Concen: 102.313 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032566.D

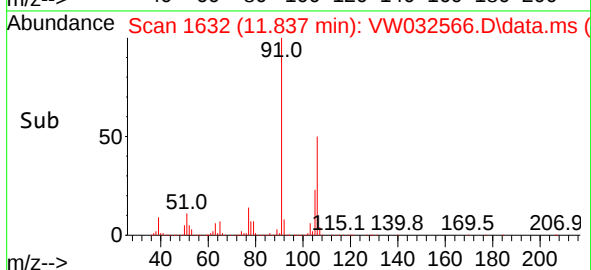
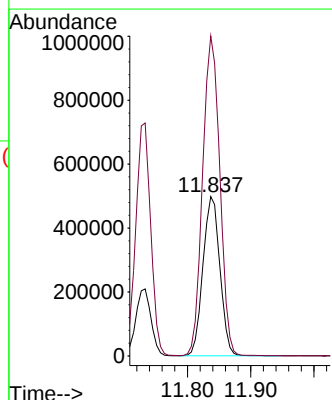
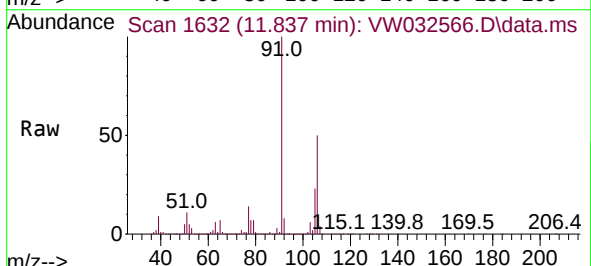
Acq: 03 Dec 2025 12:37

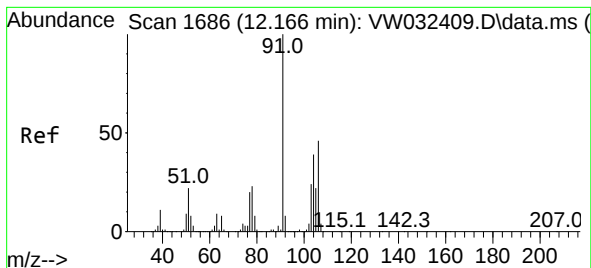
Tgt Ion:106 Resp: 924001

Ion Ratio Lower Upper

106 100

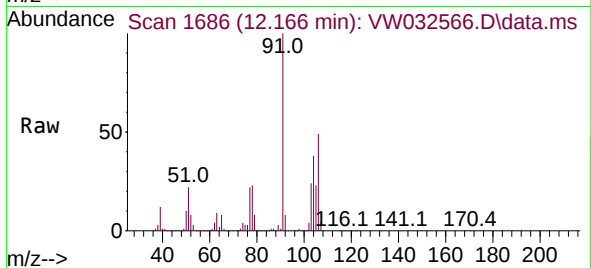
91 204.1 163.3 244.9





#69
o-Xylene
Concen: 53.084 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

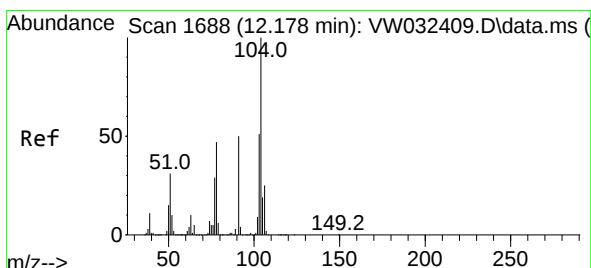
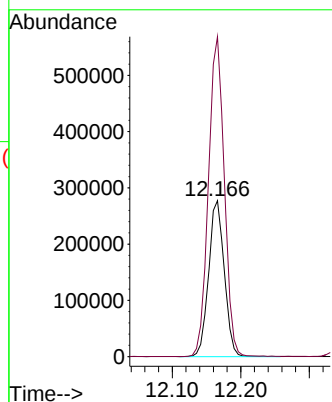
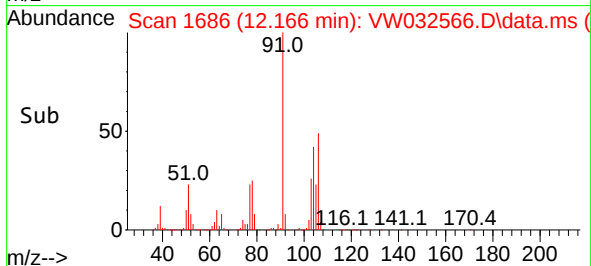
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 439043
Ion Ratio Lower Upper
106 100
91 208.2 104.1 312.3

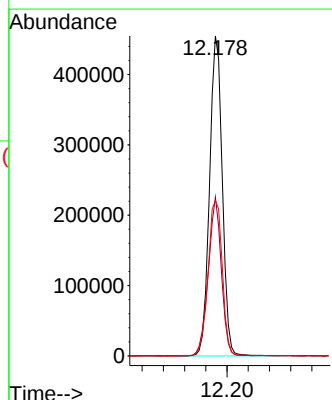
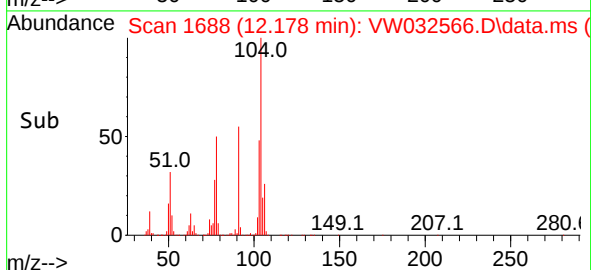
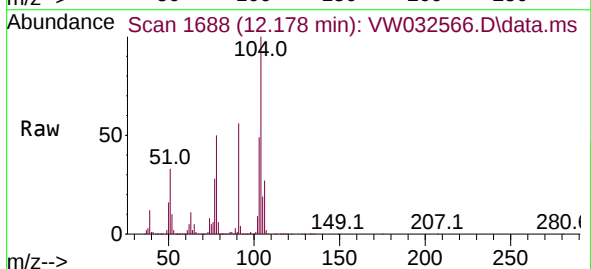
Manual Integrations
APPROVED

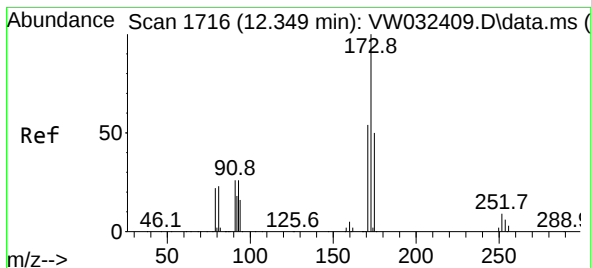
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 52.098 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Tgt Ion:104 Resp: 755821
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 54.1 43.3 64.9





#71

Bromoform

Concen: 51.569 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 122746

Ion Ratio Lower Upper

173 100

175 49.3 24.6 74.0

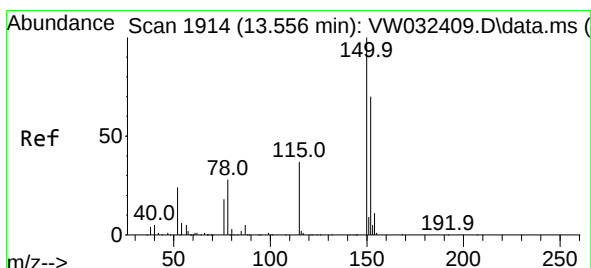
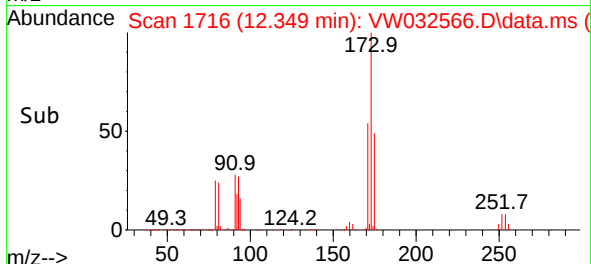
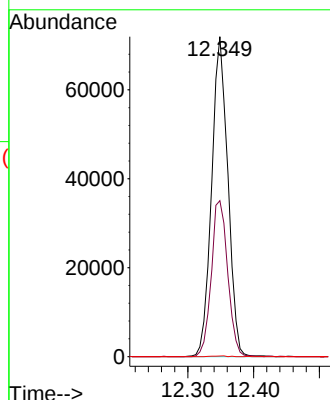
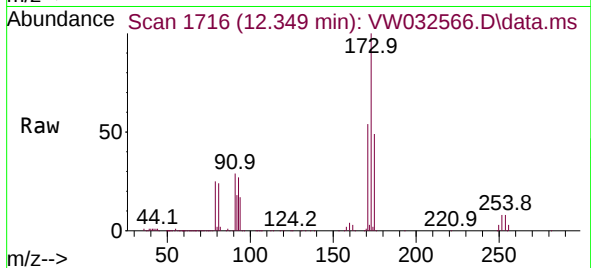
254 0.2 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

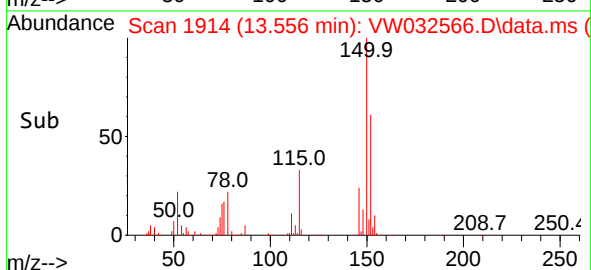
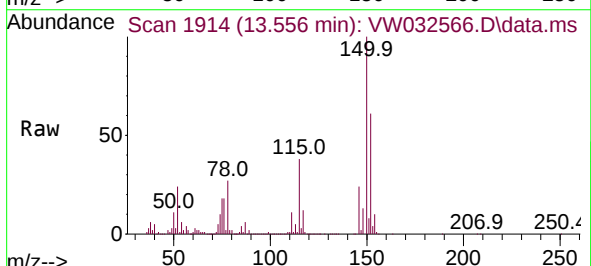
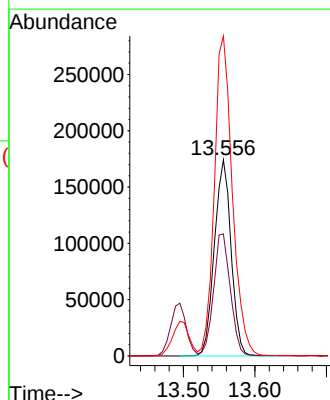
Tgt Ion:152 Resp: 282382

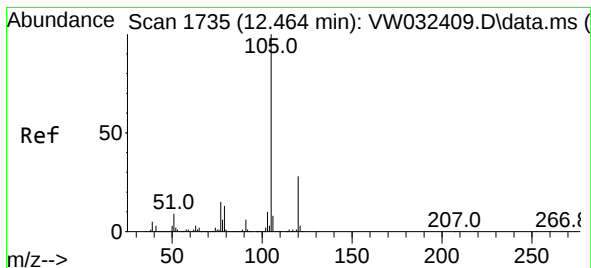
Ion Ratio Lower Upper

152 100

115 62.2 31.1 93.3

150 175.6 0.0 351.2





#73

Isopropylbenzene

Concen: 52.229 ug/l

RT: 12.465 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 1094068

Ion Ratio Lower Upper

105 100

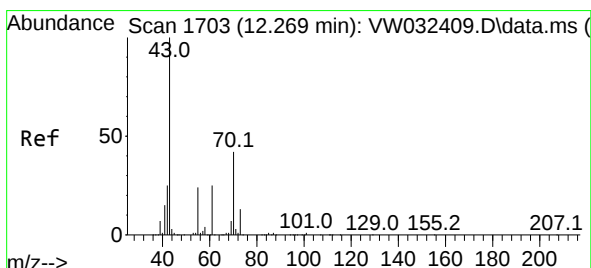
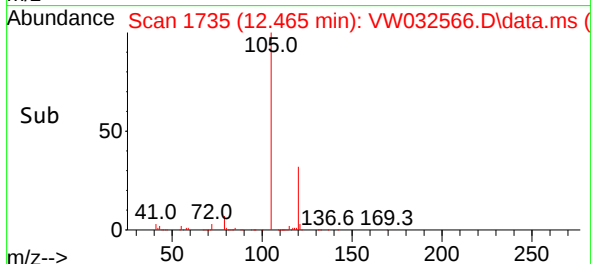
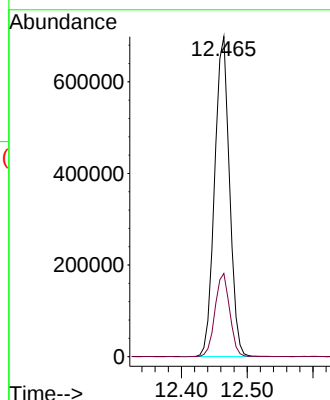
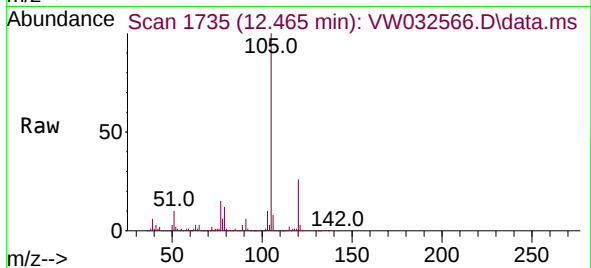
120 25.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#74

N-ethyl acetate

Concen: 54.870 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Tgt Ion: 43 Resp: 380472

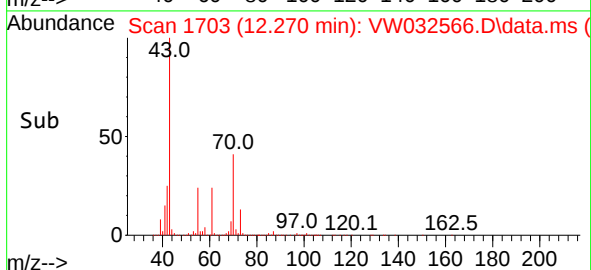
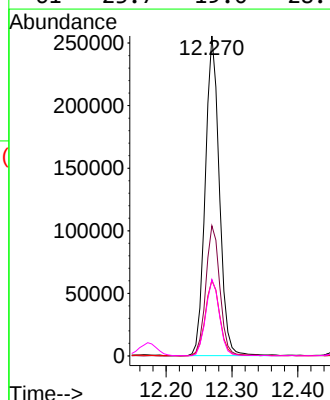
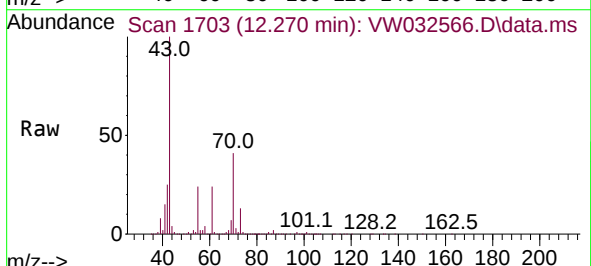
Ion Ratio Lower Upper

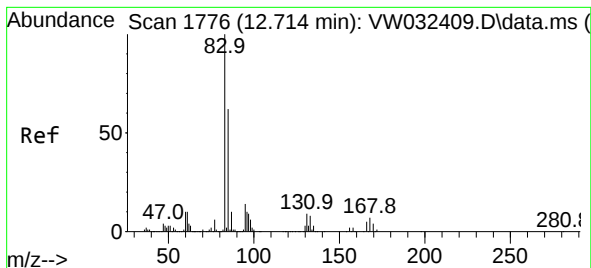
43 100

70 40.7 32.6 48.8

55 24.6 19.7 29.5

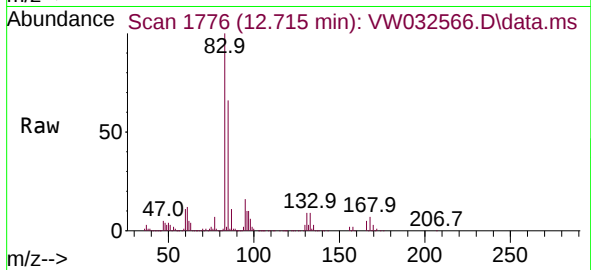
61 23.7 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 52.088 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

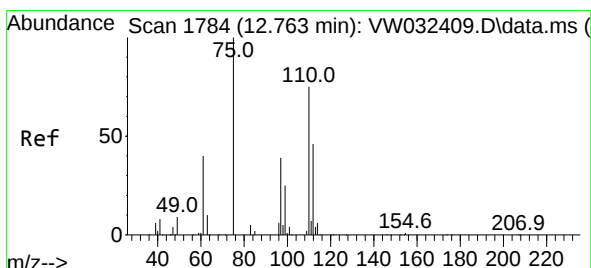
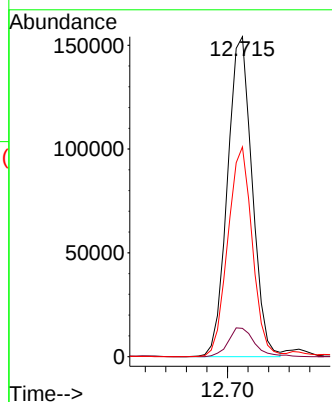
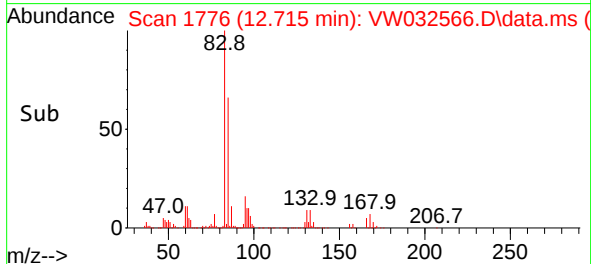
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



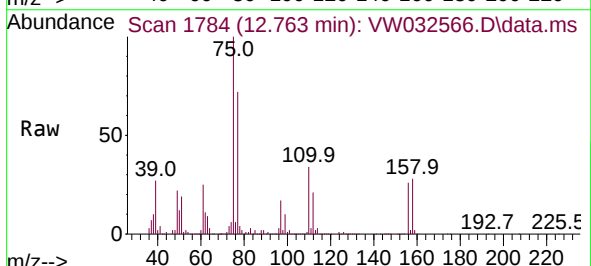
Tgt Ion: 83 Resp: 256853
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.9 32.5 97.4

Manual Integrations
APPROVED

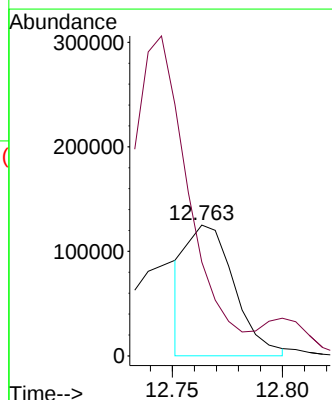
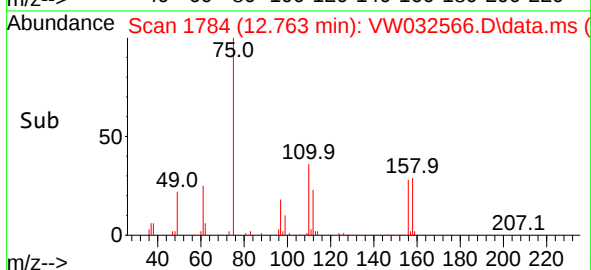
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

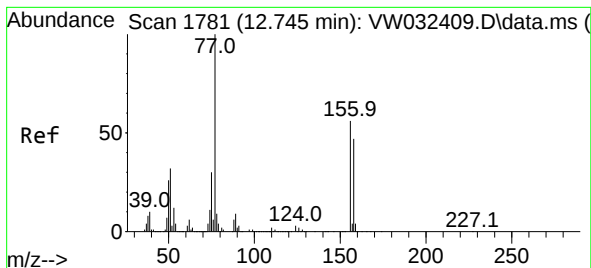


#76
1,2,3-Trichloropropane
Concen: 49.490 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



Tgt Ion: 75 Resp: 190454
Ion Ratio Lower Upper
75 100
77 296.3 148.2 444.4





#77

Bromobenzene

Concen: 49.161 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 243431

Ion Ratio Lower Upper

156 100

77 231.8 115.9 347.7

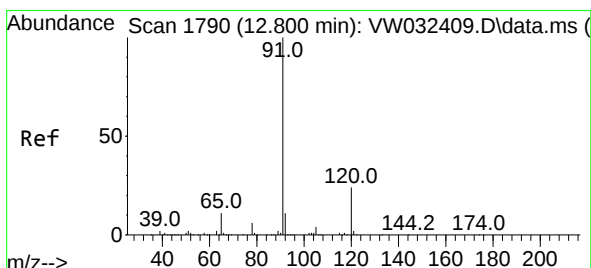
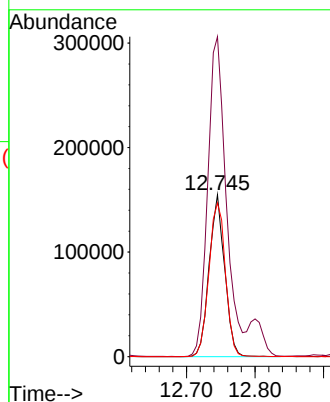
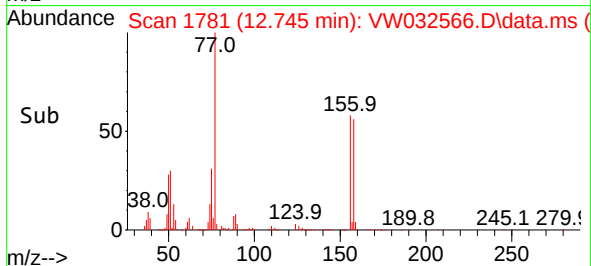
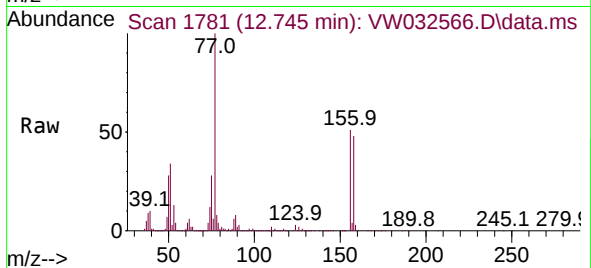
158 101.4 50.7 152.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#78

n-propylbenzene

Concen: 51.830 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032566.D

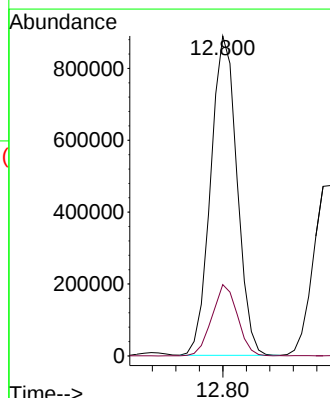
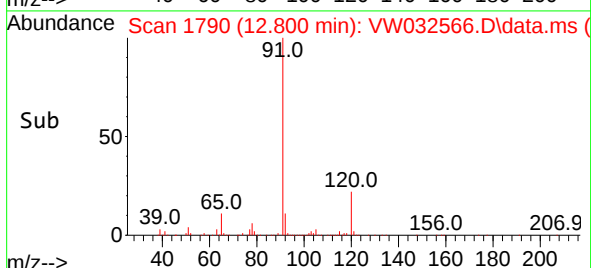
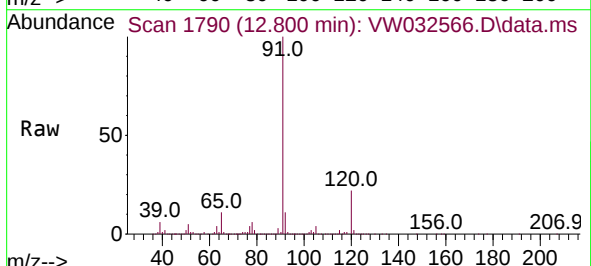
Acq: 03 Dec 2025 12:37

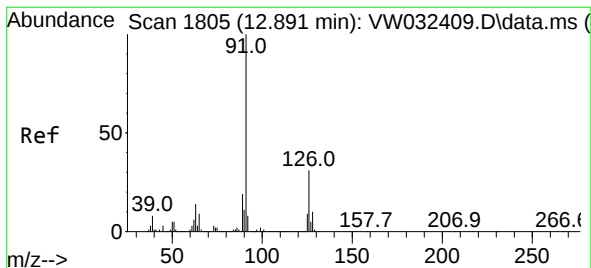
Tgt Ion: 91 Resp: 1385115

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.4





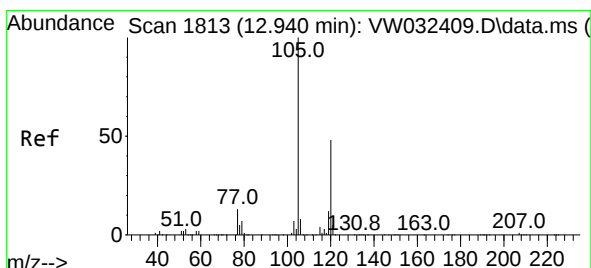
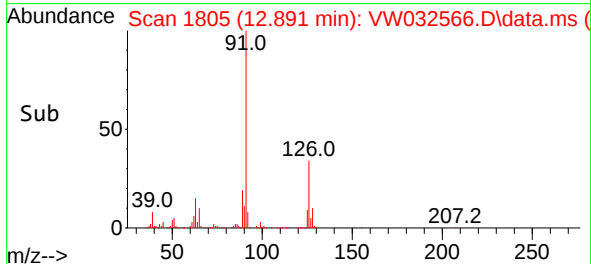
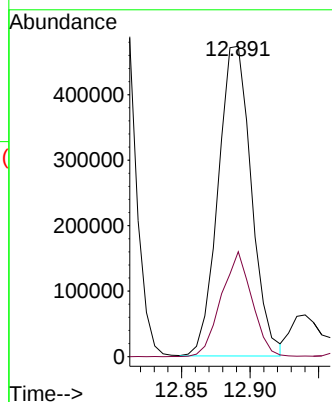
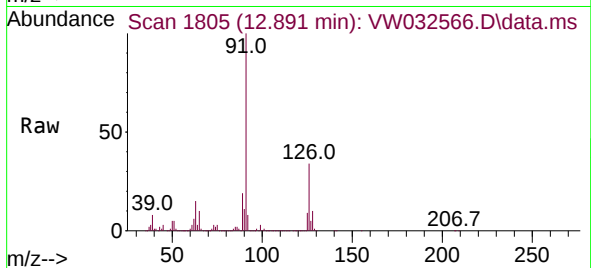
#79
2-Chlorotoluene
Concen: 50.185 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 799627
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0

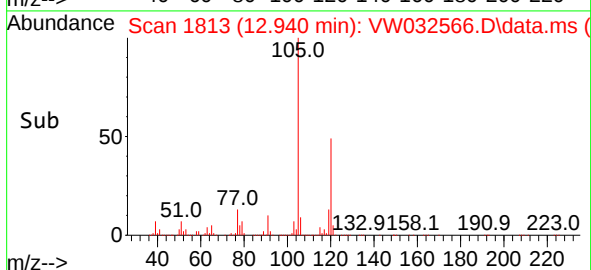
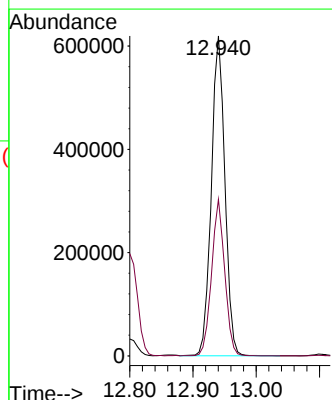
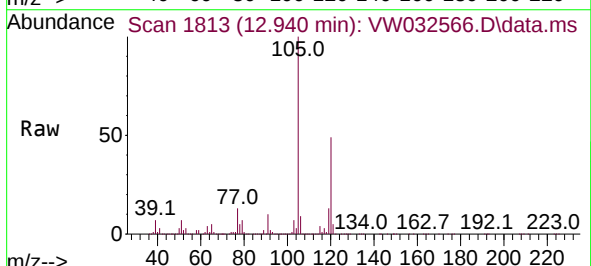
Manual Integrations
APPROVED

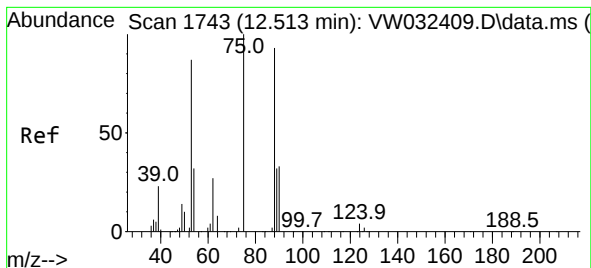
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.570 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

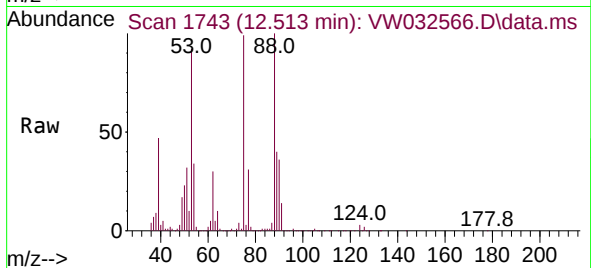
Tgt Ion:105 Resp: 921738
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 55.474 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

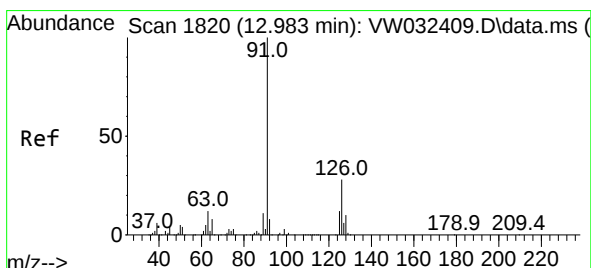
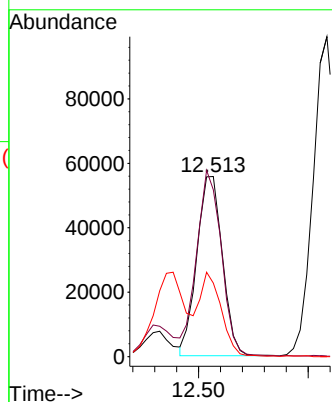
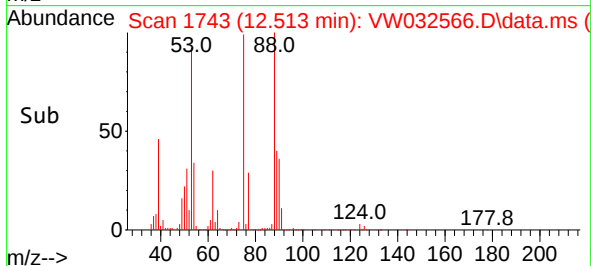
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 90124
Ion Ratio Lower Upper
75 100
53 101.0 80.8 121.2
89 39.3 31.4 47.2

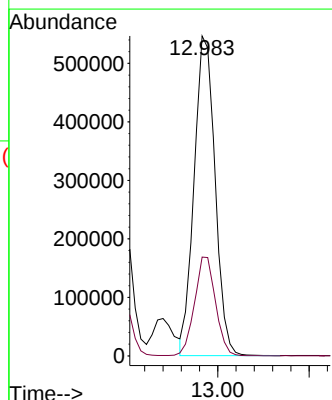
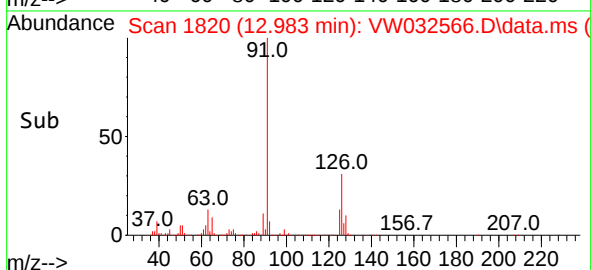
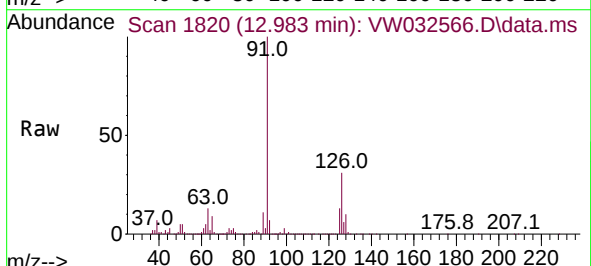
Manual Integrations
APPROVED

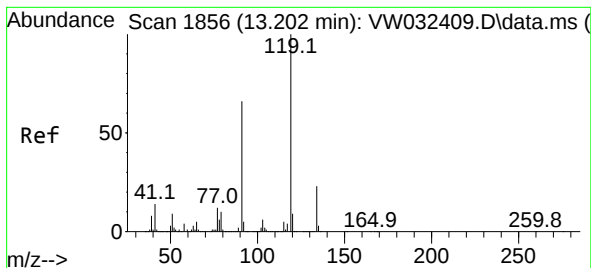
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 50.926 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Tgt Ion: 91 Resp: 867831
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7





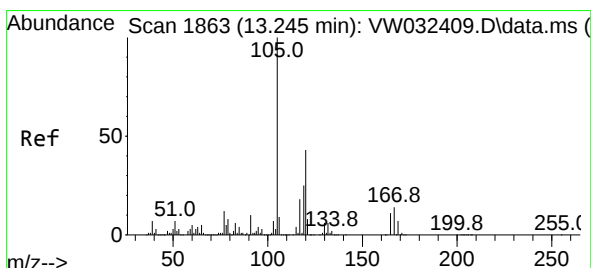
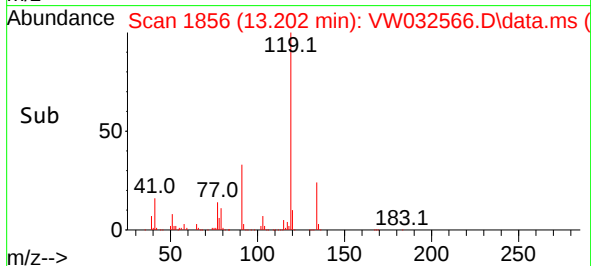
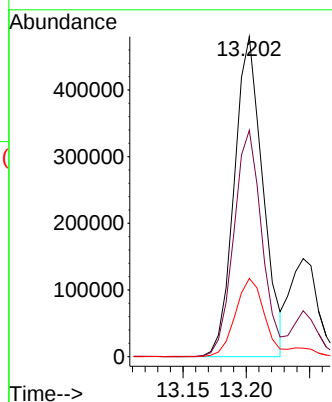
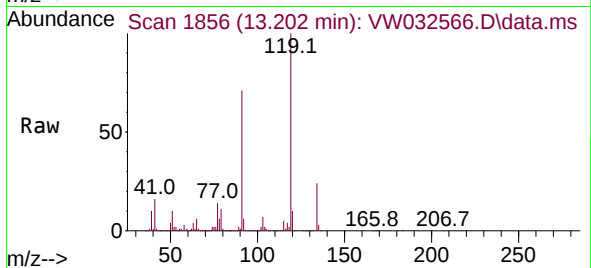
#83
tert-Butylbenzene
Concen: 51.154 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 754075
Ion Ratio Lower Upper
119 100
91 69.3 34.6 103.9
134 25.0 12.5 37.5

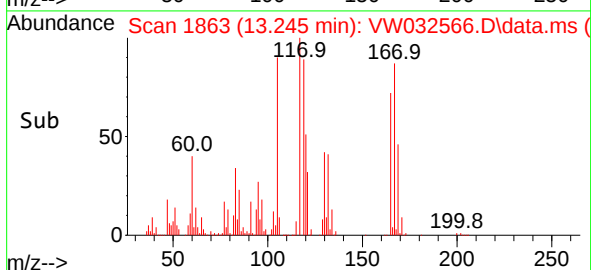
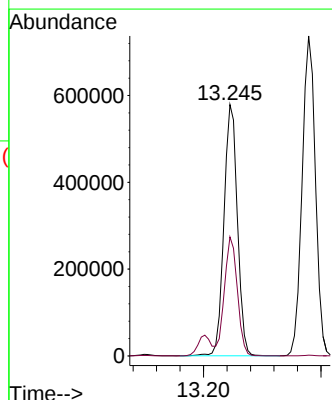
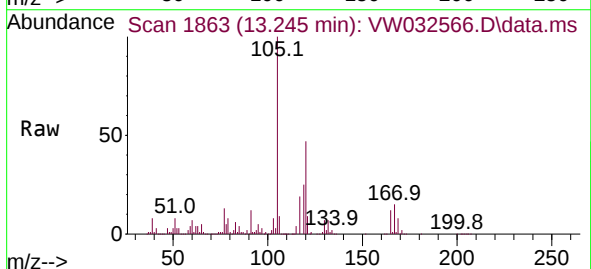
Manual Integrations
APPROVED

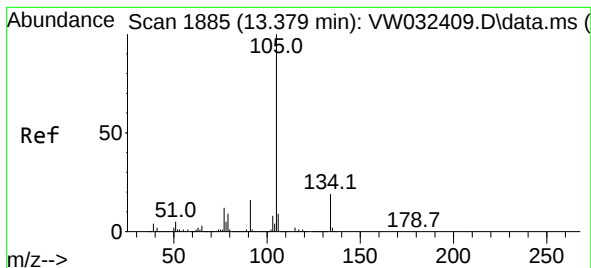
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.529 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

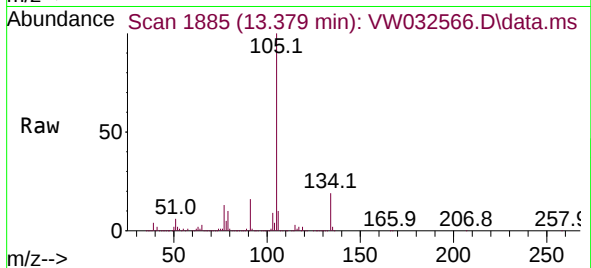
Tgt Ion:105 Resp: 920015
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 51.007 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37

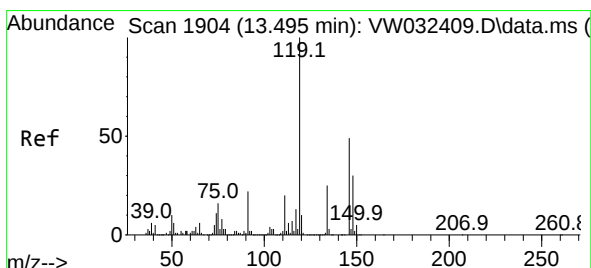
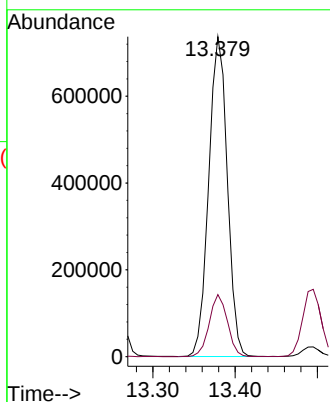
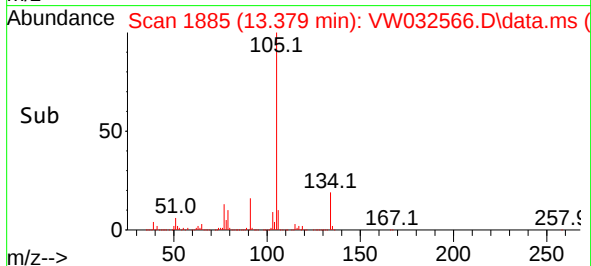
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050



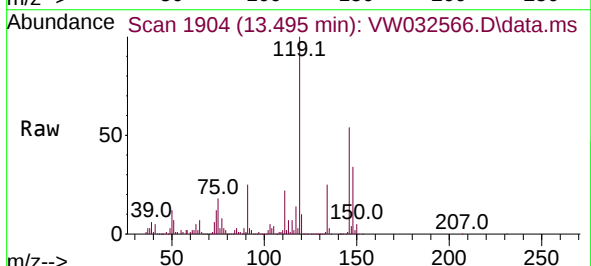
Tgt Ion:105 Resp: 1159720
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3

Manual Integrations
 APPROVED

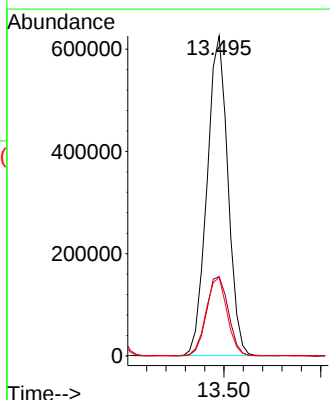
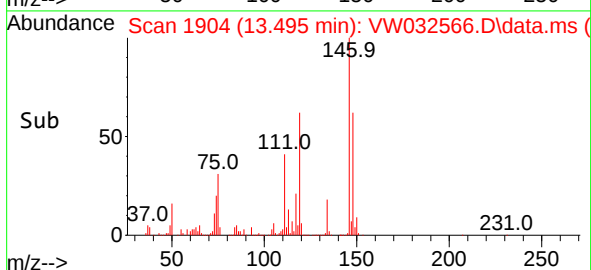
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

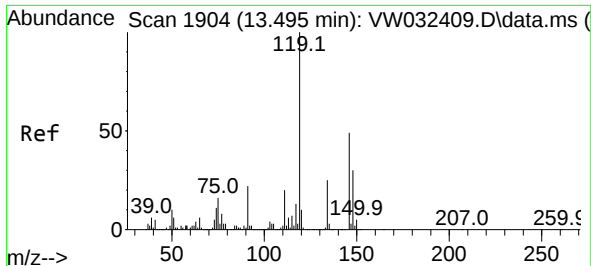


#86
 p-Isopropyltoluene
 Concen: 50.067 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032566.D
 Acq: 03 Dec 2025 12:37



Tgt Ion:119 Resp: 937595
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.753 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

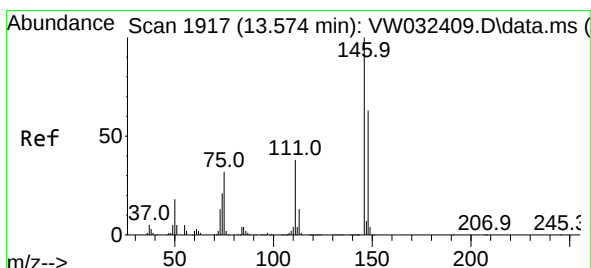
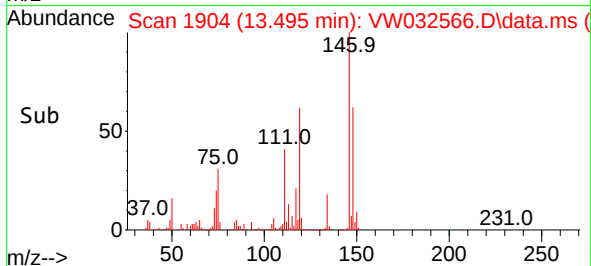
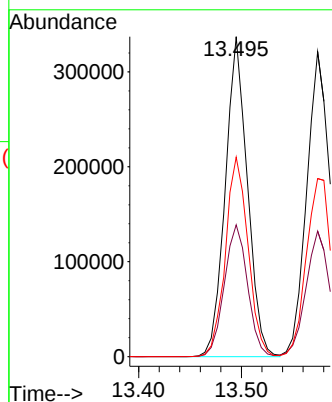
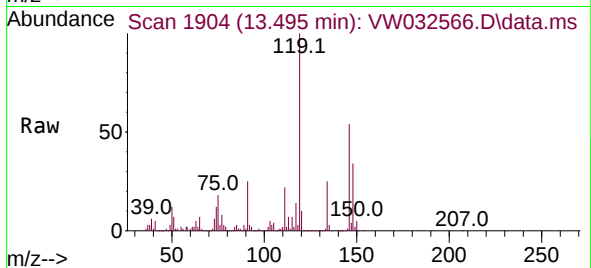
Tgt Ion:	146	Resp:	503723
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.6	64.6
148	63.9	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#88

1,4-Dichlorobenzene

Concen: 50.074 ug/l

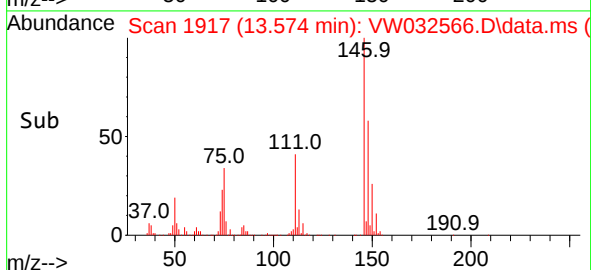
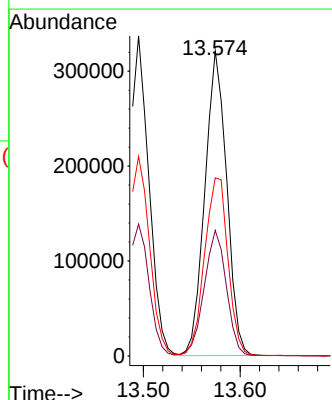
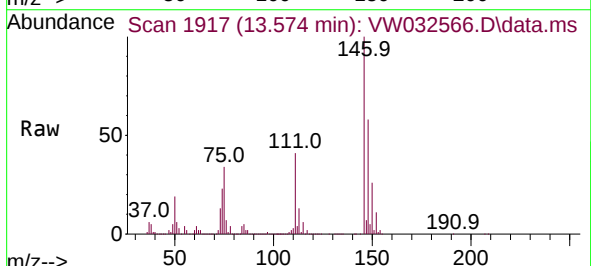
RT: 13.574 min Scan# 1917

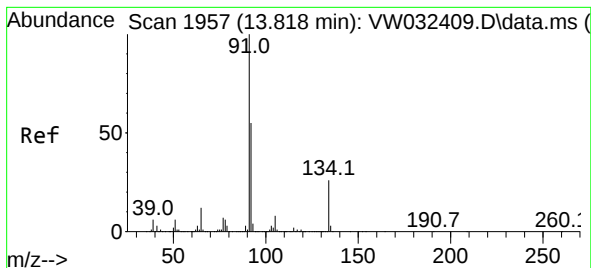
Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Tgt Ion:	146	Resp:	503202
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.8	62.5
148	62.9	31.4	94.3





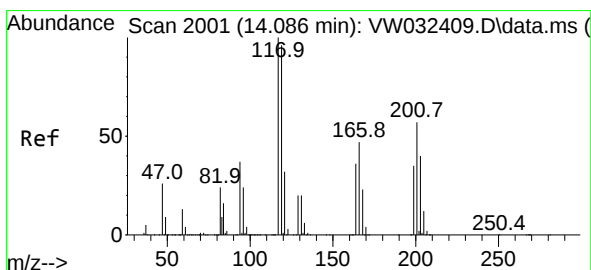
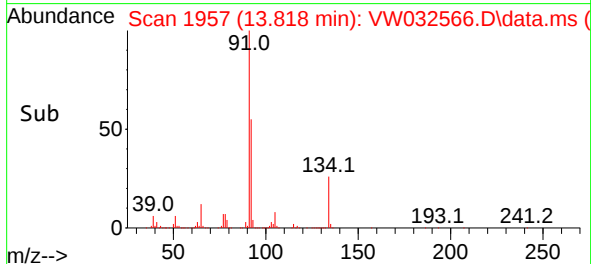
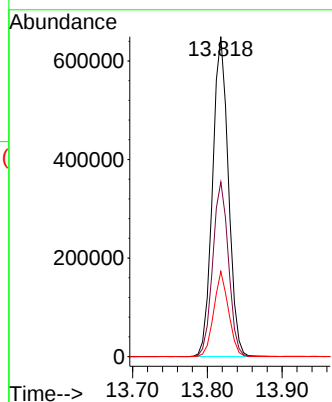
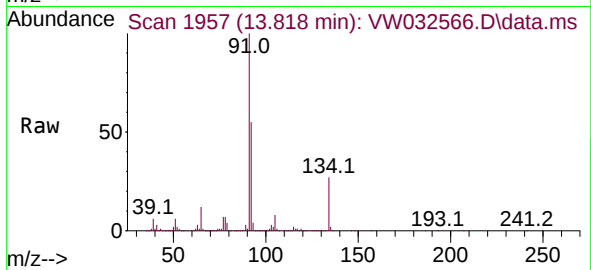
#89
n-Butylbenzene
Concen: 50.372 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 957943
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.3
134 24.7 12.4 37.0

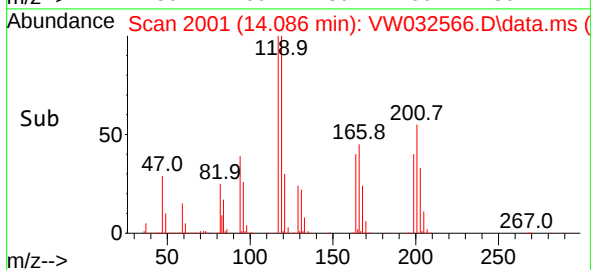
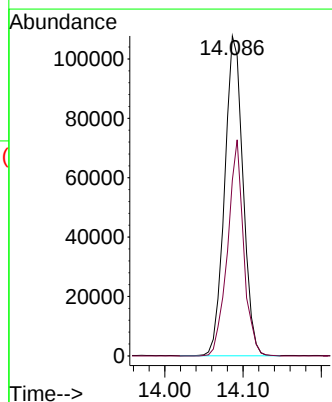
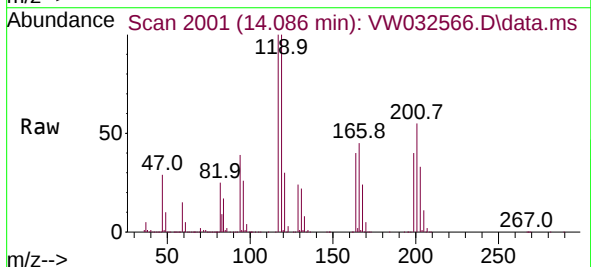
Manual Integrations
APPROVED

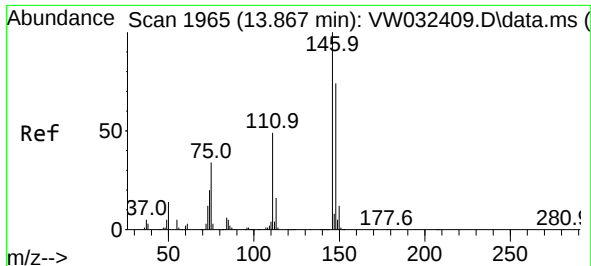
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 48.809 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

Tgt Ion:117 Resp: 175057
Ion Ratio Lower Upper
117 100
201 59.1 29.5 88.6





#91

1,2-Dichlorobenzene

Concen: 50.157 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 445429

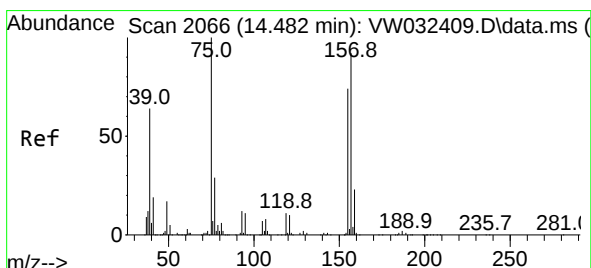
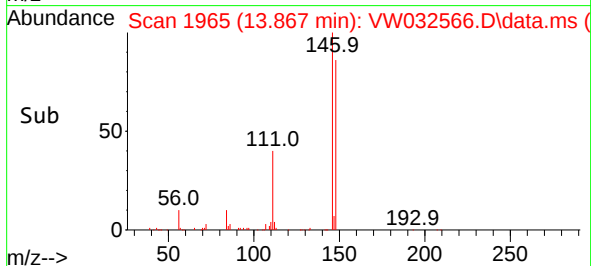
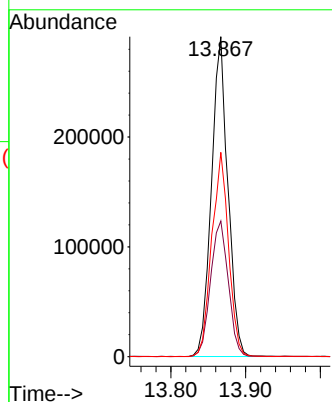
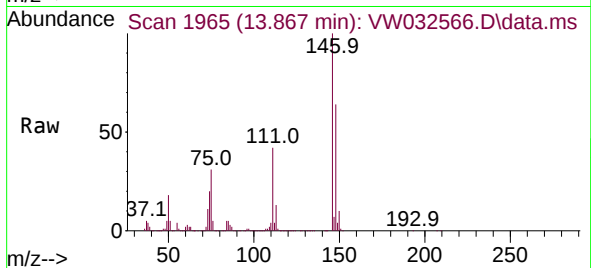
Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.8	68.3
148	65.1	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.170 ug/l

RT: 14.476 min Scan# 2065

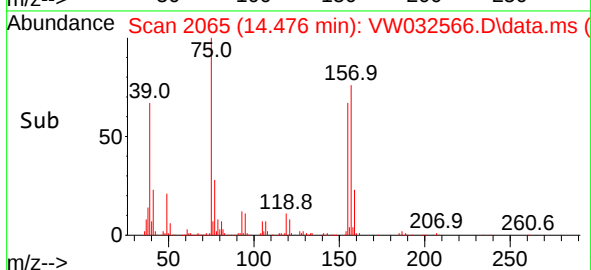
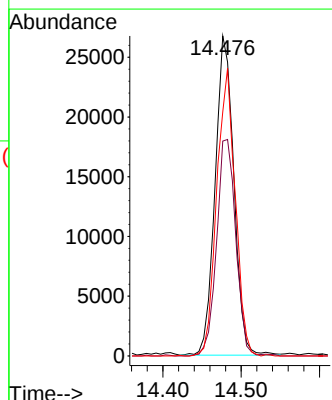
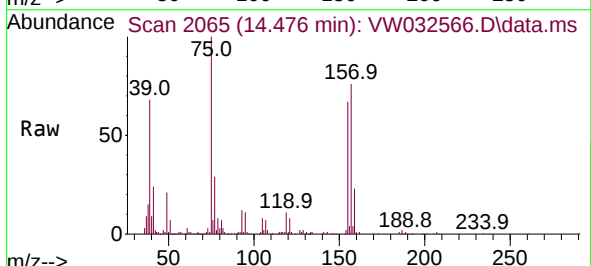
Delta R.T. 0.000 min

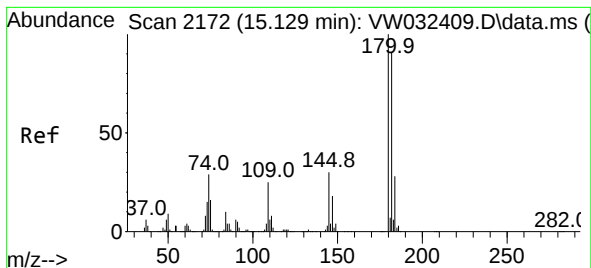
Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Tgt Ion: 75 Resp: 44355

Ion	Ratio	Lower	Upper
75	100		
155	69.3	34.6	103.9
157	88.8	44.4	133.2





#93

1,2,4-Trichlorobenzene

Concen: 49.385 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 267108

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

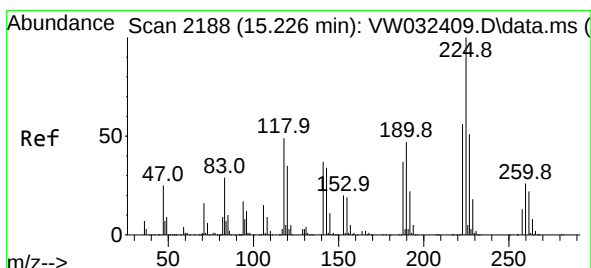
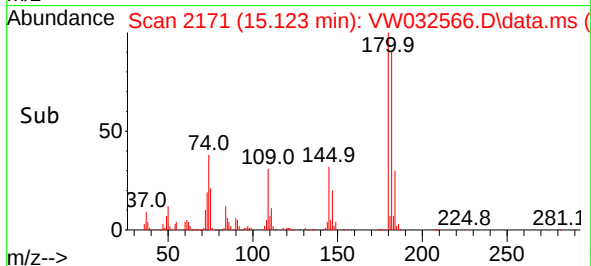
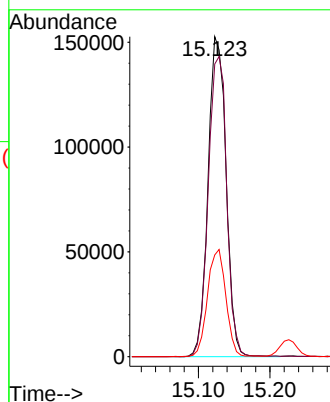
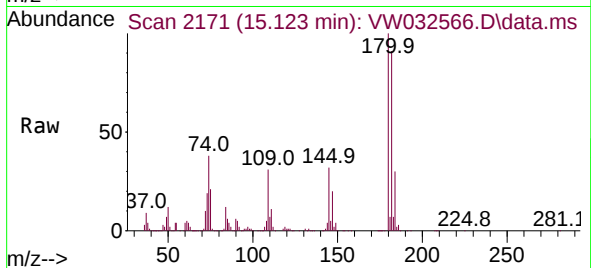
145 34.2 17.1 51.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 49.681 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VW032566.D

Acq: 03 Dec 2025 12:37

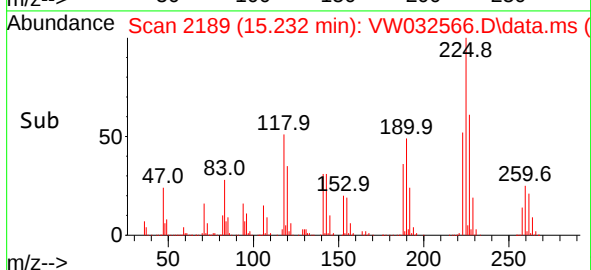
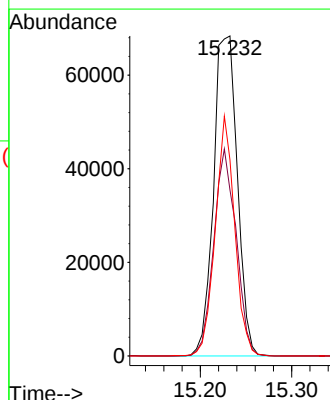
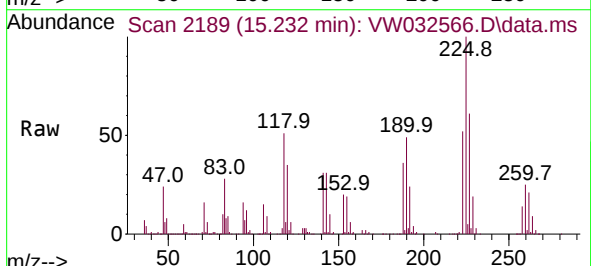
Tgt Ion:225 Resp: 123690

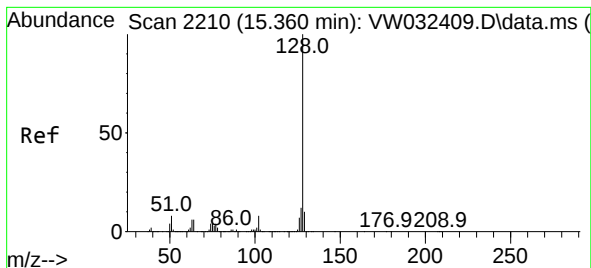
Ion Ratio Lower Upper

225 100

223 60.7 30.3 91.0

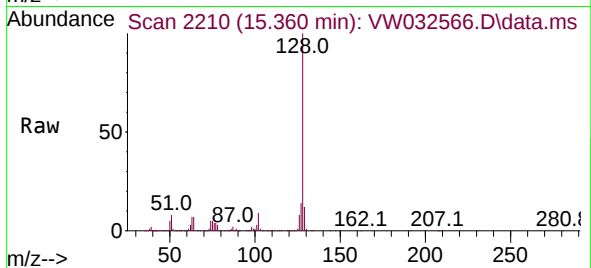
227 61.4 30.7 92.1





#95
Naphthalene
Concen: 54.848 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37

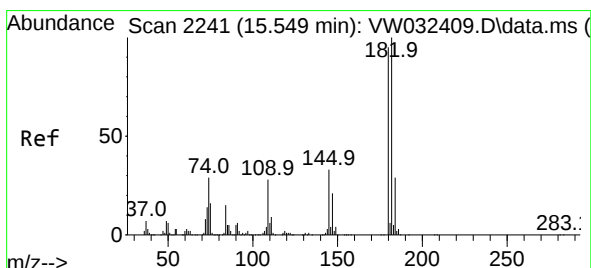
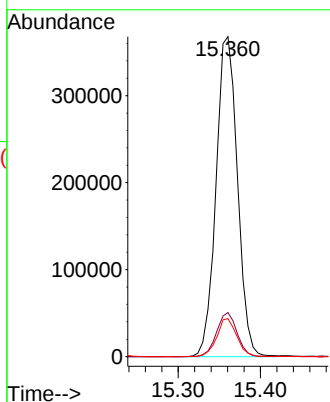
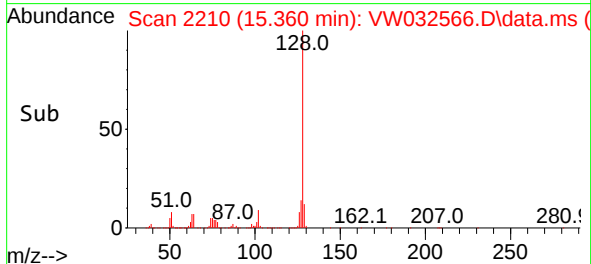
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050



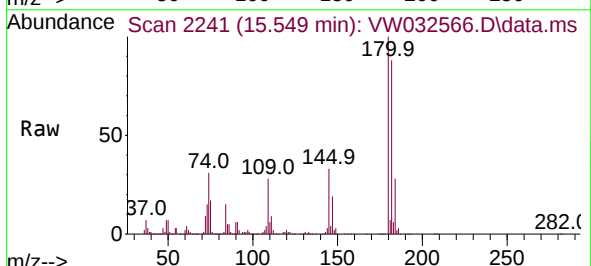
Tgt Ion:128 Resp: 665298
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.1 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.221 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW032566.D
Acq: 03 Dec 2025 12:37



Tgt Ion:180 Resp: 251682
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 35.6 17.8 53.4

