

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032563.D
 Acq On : 03 Dec 2025 11:32
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 03:46:24 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	7.959	168	337599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	647768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	587961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	285243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	24146	4.806	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	9.620%#		
35) Dibromofluoromethane	7.898	113	19409	4.553	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	9.100%#		
50) Toluene-d8	10.325	98	70497	4.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	8.800%#		
62) 4-Bromofluorobenzene	12.617	95	27064	4.567	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	9.140%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	11745	5.620	ug/l	97
3) Chloromethane	2.253	50	23916	6.226	ug/l	99
4) Vinyl Chloride	2.405	62	26611	5.710	ug/l	100
5) Bromomethane	2.826	94	17596	5.685	ug/l	87
6) Chloroethane	2.972	64	16488	5.477	ug/l	97
7) Trichlorofluoromethane	3.308	101	17528	4.852	ug/l	91
8) Diethyl Ether	3.722	74	14805	5.544	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.100	101	22003	5.761	ug/l	95
10) Methyl Iodide	4.301	142	30986	5.379	ug/l	99
11) Tert butyl alcohol	5.210	59	12021	31.107	ug/l #	90
12) 1,1-Dichloroethene	4.082	96	24532	5.697	ug/l	97
13) Acrolein	3.929	56	14031	20.486	ug/l	99
14) Allyl chloride	4.710	41	39548	5.017	ug/l	95
15) Acrylonitrile	5.405	53	35046	24.990	ug/l	98
16) Acetone	4.155	43	42770	27.243	ug/l	96
17) Carbon Disulfide	4.417	76	69063	5.414	ug/l	100
18) Methyl Acetate	4.704	43	17169	5.310	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	39247	4.890	ug/l	94
20) Methylene Chloride	4.947	84	37790	6.731	ug/l	93
21) trans-1,2-Dichloroethene	5.460	96	25514	5.423	ug/l	94
22) Diisopropyl ether	6.344	45	74374	4.728	ug/l	94
23) Vinyl Acetate	6.283	43	234445	22.491	ug/l	100
24) 1,1-Dichloroethane	6.240	63	48443	5.304	ug/l	97
25) 2-Butanone	7.197	43	50415	25.022	ug/l	95
26) 2,2-Dichloropropane	7.179	77	31952	6.035	ug/l	93
27) cis-1,2-Dichloroethene	7.191	96	28489	5.201	ug/l	94
28) Bromochloromethane	7.532	49	18303	4.461	ug/l	100
29) Tetrahydrofuran	7.551	42	27445	22.814	ug/l	98
30) Chloroform	7.697	83	49239	5.432	ug/l	91
31) Cyclohexane	7.965	56	46760	5.806	ug/l #	83
32) 1,1,1-Trichloroethane	7.886	97	35253	5.359	ug/l	95
36) 1,1-Dichloropropene	8.093	75	31409	4.831	ug/l	95
37) Ethyl Acetate	7.270	43	21929	4.874	ug/l	98
38) Carbon Tetrachloride	8.081	117	31041	5.139	ug/l	96
39) Methylcyclohexane	9.343	83	38904	4.900	ug/l	97
40) Benzene	8.337	78	107478	5.187	ug/l	97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 04 03:46:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	10993	4.515	ug/l	92
42) 1,2-Dichloroethane	8.410	62	32662	5.141	ug/l	95
43) Isopropyl Acetate	8.435	43	35474	4.587	ug/l	97
44) Trichloroethene	9.099	130	23517	5.078	ug/l	89
45) 1,2-Dichloropropane	9.374	63	26115	5.074	ug/l	97
46) Dibromomethane	9.465	93	15246	5.123	ug/l	93
47) Bromodichloromethane	9.654	83	35354	5.068	ug/l	97
48) Methyl methacrylate	9.447	41	14152	4.025	ug/l	87
49) 1,4-Dioxane	9.465	88	2818	79.243	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	96966	22.658	ug/l	96
52) Toluene	10.392	92	59584	4.773	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	29929	4.472	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	36436	4.640	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	20691	5.191	ug/l	92
56) Ethyl methacrylate	10.648	69	22283	4.042	ug/l	97
57) 1,3-Dichloropropane	10.934	76	34854	4.899	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	58334	20.196	ug/l	98
59) 2-Hexanone	10.971	43	64754	21.246	ug/l	94
60) Dibromochloromethane	11.129	129	21956	4.915	ug/l	99
61) 1,2-Dibromoethane	11.239	107	18798	4.959	ug/l	100
64) Tetrachloroethene	10.861	164	21537	5.492	ug/l	92
65) Chlorobenzene	11.660	112	69373	4.993	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	21976	5.114	ug/l	98
67) Ethyl Benzene	11.733	91	111660	4.735	ug/l	97
68) m/p-Xylenes	11.836	106	83714	9.338	ug/l	100
69) o-Xylene	12.166	106	35889	4.371	ug/l	86
70) Styrene	12.178	104	62715	4.355	ug/l	98
71) Bromoform	12.349	173	11113	4.703	ug/l #	98
73) Isopropylbenzene	12.458	105	93249	4.407	ug/l	100
74) N-amyl acetate	12.269	43	29321	4.186	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.708	83	24544	4.927	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	21994m	5.658	ug/l	
77) Bromobenzene	12.745	156	24491	4.896	ug/l	92
78) n-propylbenzene	12.800	91	122353	4.532	ug/l	99
79) 2-Chlorotoluene	12.891	91	75884	4.715	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	81387	4.508	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	7071	4.309	ug/l	90
82) 4-Chlorotoluene	12.983	91	81465	4.733	ug/l	96
83) tert-Butylbenzene	13.202	119	65043	4.368	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	80428	4.459	ug/l	100
85) sec-Butylbenzene	13.379	105	105074	4.575	ug/l	100
86) p-Isopropyltoluene	13.495	119	86209	4.557	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	51565	5.042	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	52767	5.198	ug/l	90
89) n-Butylbenzene	13.818	91	89295	4.648	ug/l	98
90) Hexachloroethane	14.092	117	18792	5.187	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	46318	5.163	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	4657	5.423	ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	26457	4.842	ug/l	95
94) Hexachlorobutadiene	15.226	225	13225	5.259	ug/l	98
95) Naphthalene	15.360	128	49446m	4.035	ug/l	
96) 1,2,3-Trichlorobenzene	15.549	180	23081	4.650	ug/l	99

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Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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

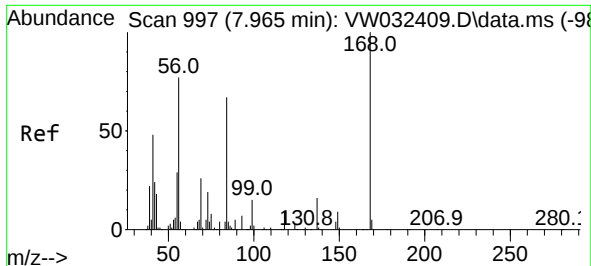
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:43:50 2025
Response via : Initial Calibration

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

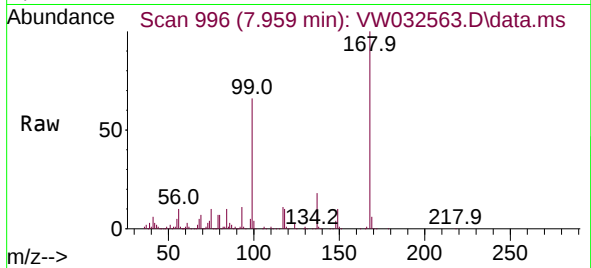
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

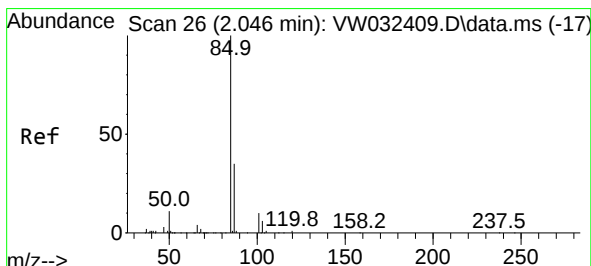
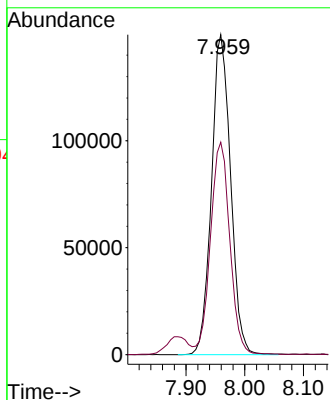
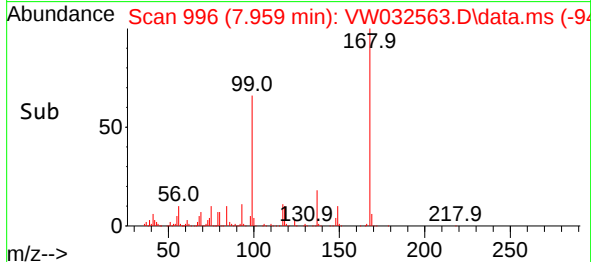
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 337599
Ion Ratio Lower Upper
168 100
99 66.2 51.8 77.8

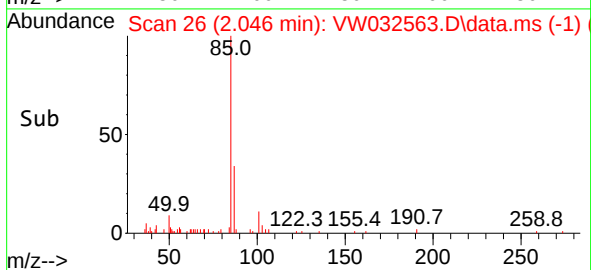
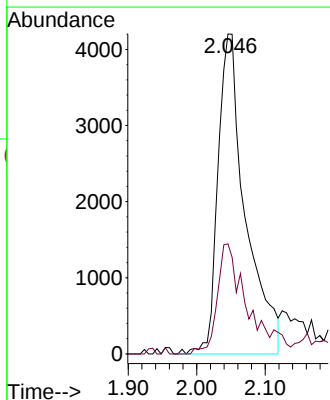
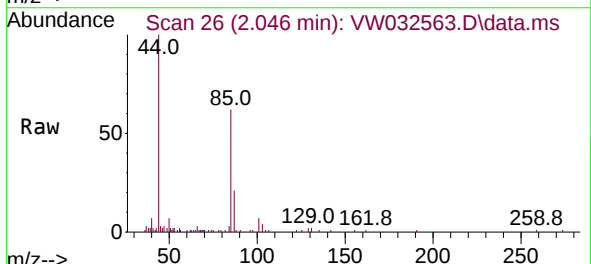
Manual Integrations
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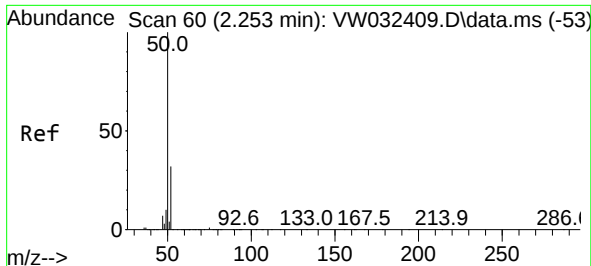
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 5.620 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

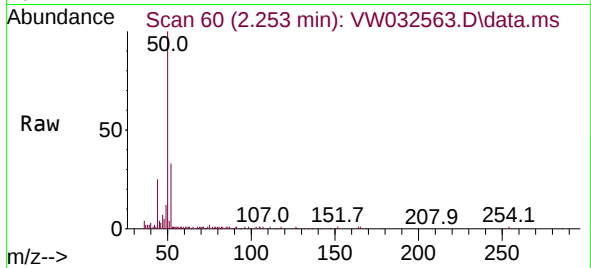
Tgt Ion: 85 Resp: 11745
Ion Ratio Lower Upper
85 100
87 34.4 17.9 53.8





#3
Chloromethane
Concen: 6.226 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

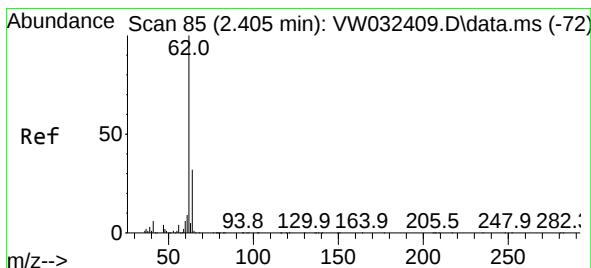
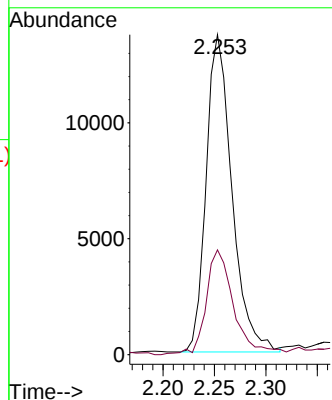
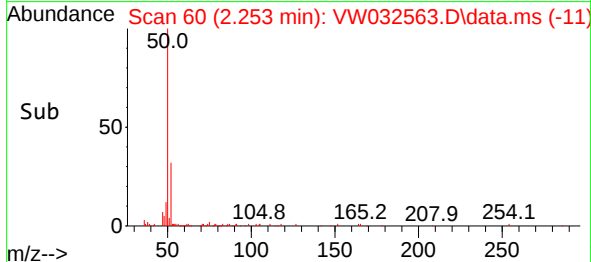
Instrument :
MSVOA_W
Client Sample Id :
VSTDIC005



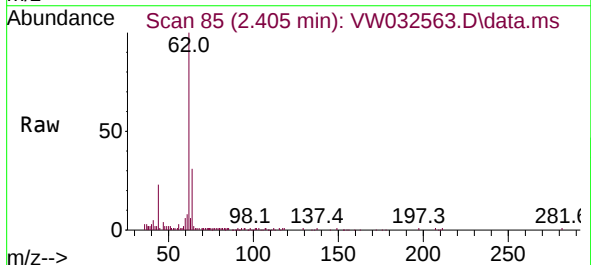
Tgt Ion: 50 Resp: 23916
Ion Ratio Lower Upper
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52 32.4 26.2 39.4

Manual Integrations
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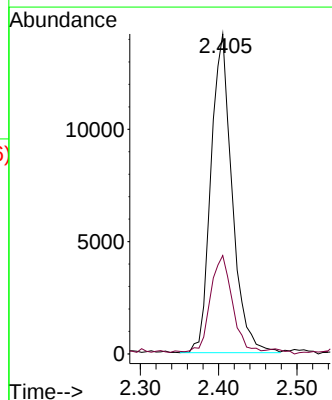
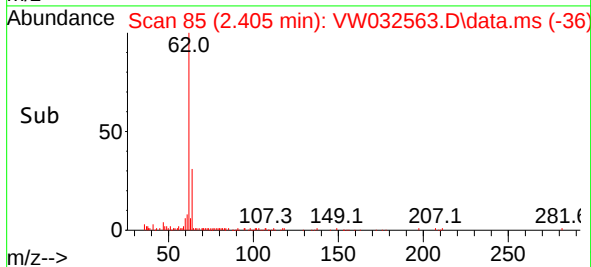
Reviewed By :John Carlone 12/04/2025
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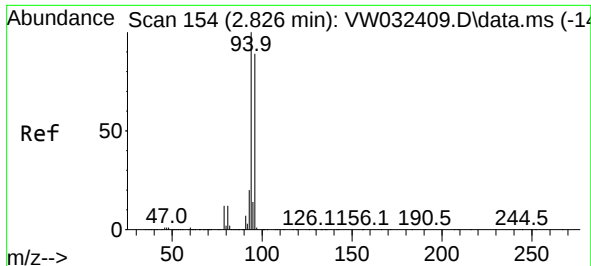


#4
Vinyl Chloride
Concen: 5.710 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32



Tgt Ion: 62 Resp: 26611
Ion Ratio Lower Upper
62 100
64 30.0 24.2 36.4





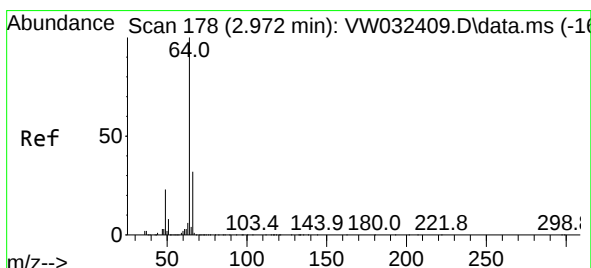
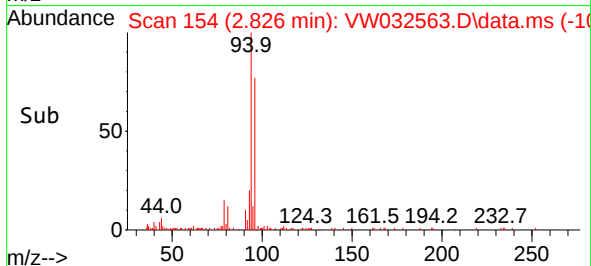
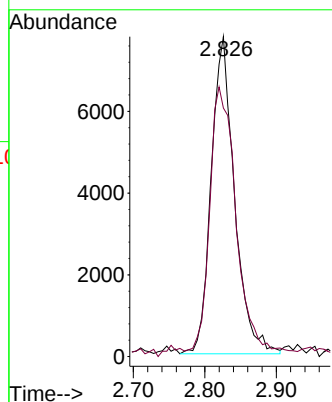
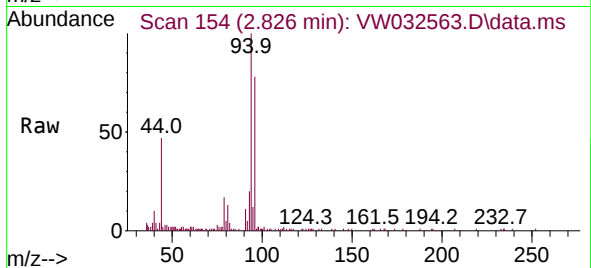
#5
Bromomethane
Concen: 5.685 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 17596
Ion Ratio Lower Upper
94 100
96 75.8 69.9 104.9

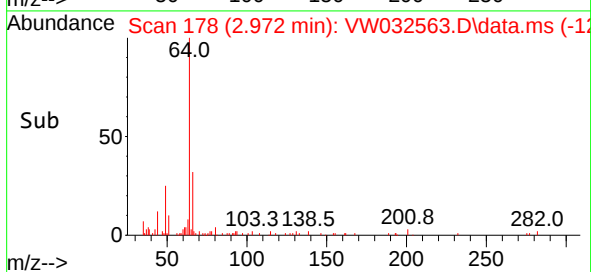
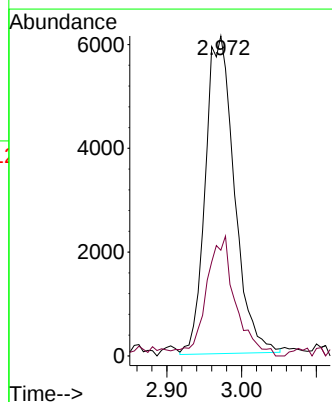
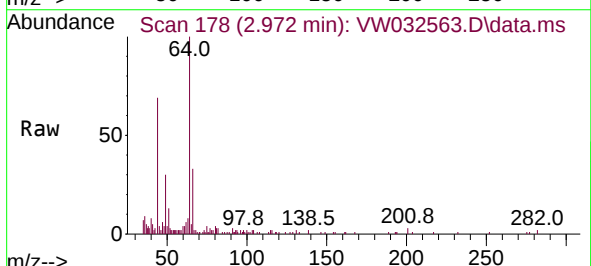
Manual Integrations
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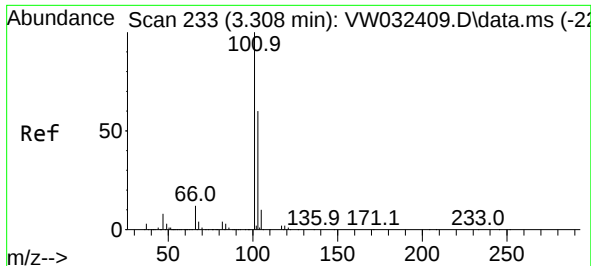
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 5.477 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 64 Resp: 16488
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2





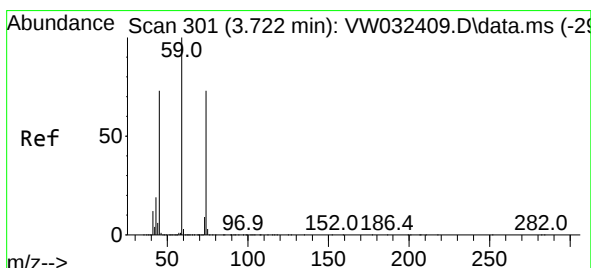
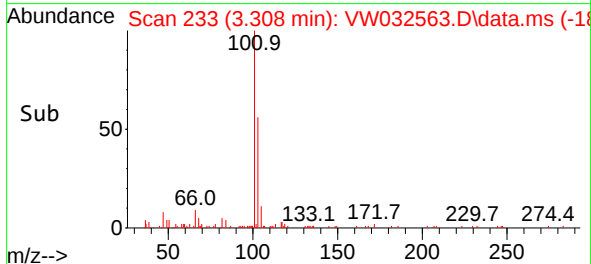
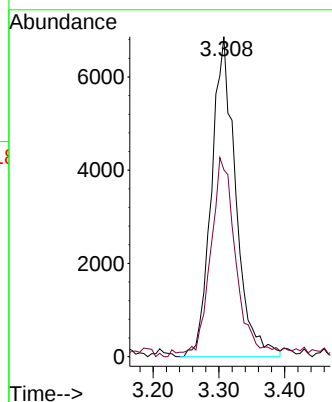
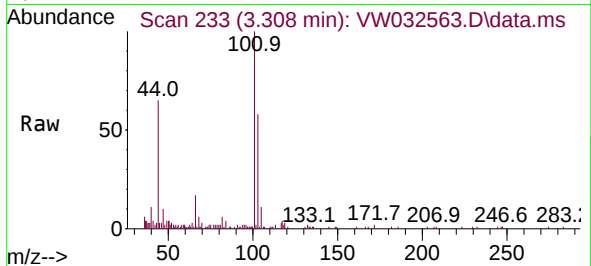
#7
 Trichlorofluoromethane
 Concen: 4.852 ug/l
 RT: 3.308 min Scan# 233
 Delta R.T. -0.000 min
 Lab File: VW032563.D
 Acq: 03 Dec 2025 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 101 Resp: 17528
 Ion Ratio Lower Upper
 101 100
 103 57.0 51.1 76.7

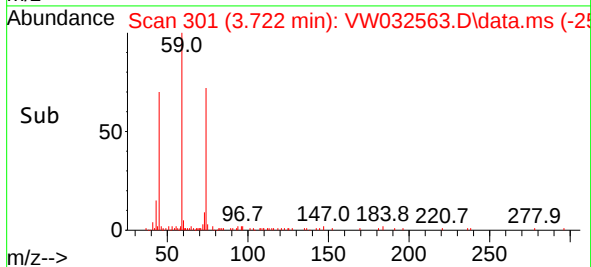
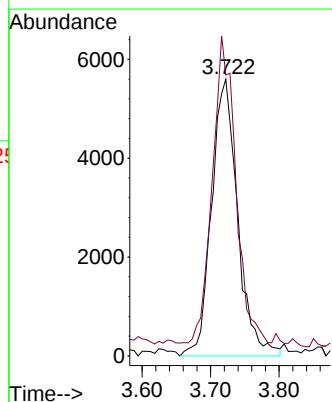
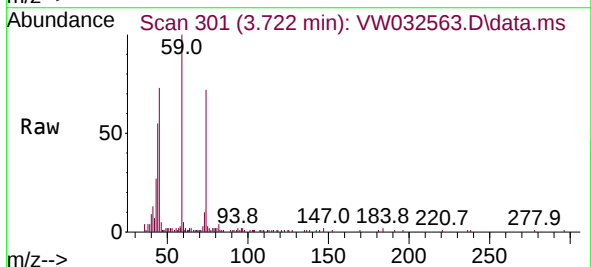
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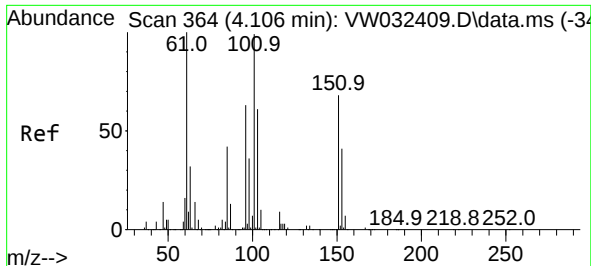
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#8
 Diethyl Ether
 Concen: 5.544 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032563.D
 Acq: 03 Dec 2025 11:32

Tgt Ion: 74 Resp: 14805
 Ion Ratio Lower Upper
 74 100
 45 98.9 53.4 160.3





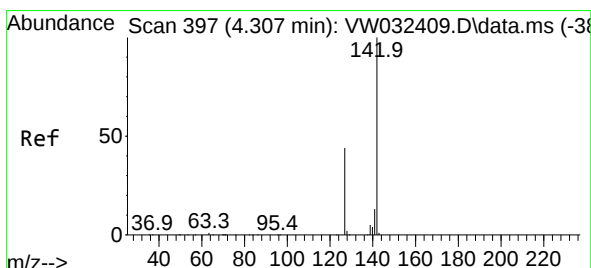
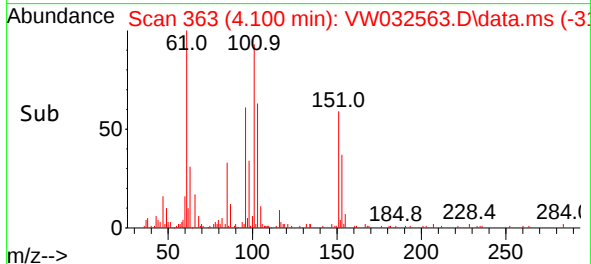
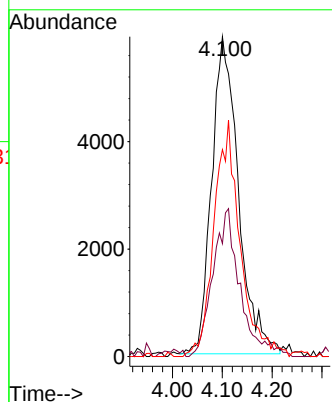
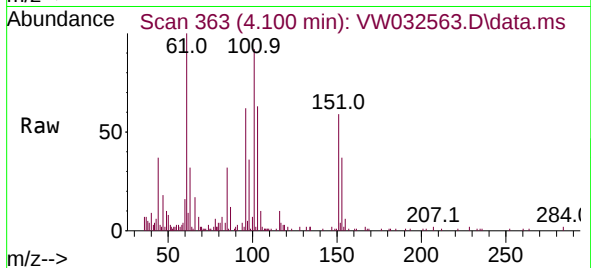
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.761 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 22003
Ion Ratio Lower Upper
101 100
85 47.4 35.0 52.4
151 72.6 54.6 82.0

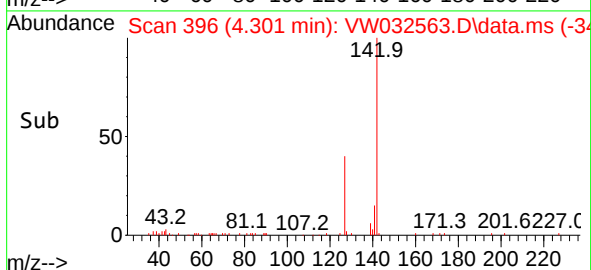
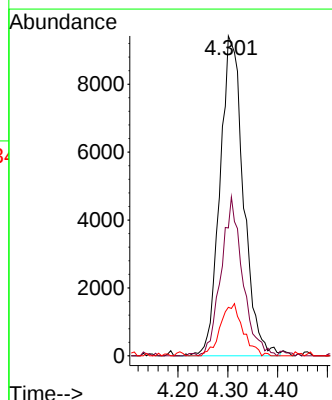
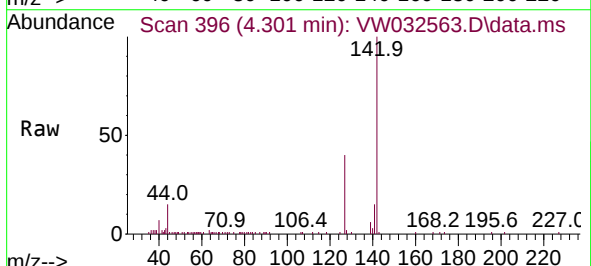
Manual Integrations
APPROVED

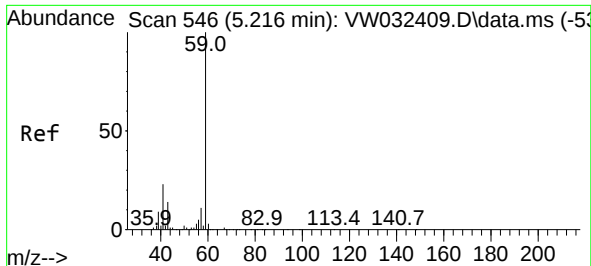
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 5.379 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion:142 Resp: 30986
Ion Ratio Lower Upper
142 100
127 45.5 36.2 54.2
141 15.7 11.9 17.9





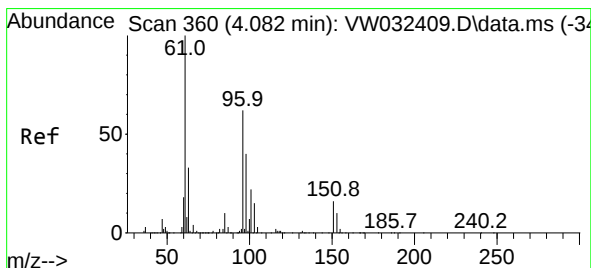
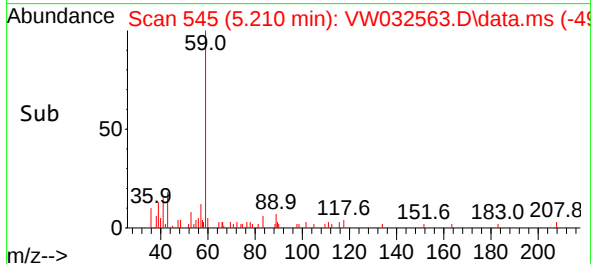
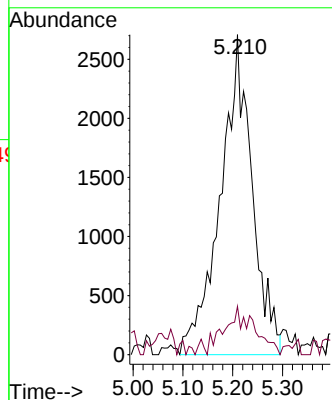
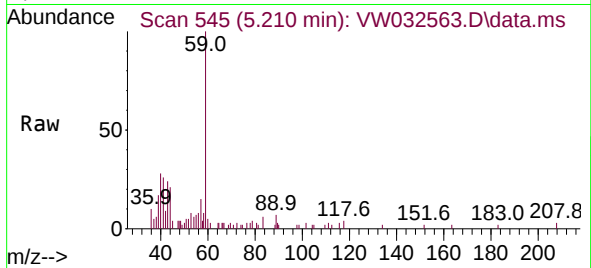
#11
Tert butyl alcohol
Concen: 31.107 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 1202
Ion Ratio Lower Upper
59 100
57 9.2 4.6 6.8

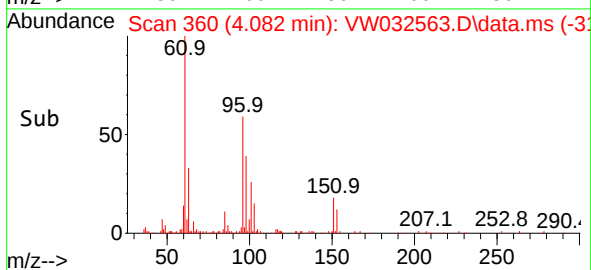
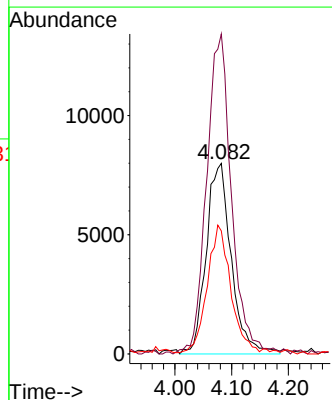
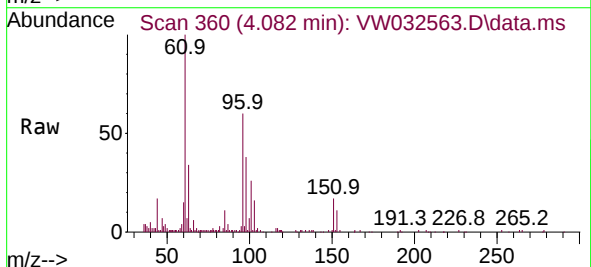
Manual Integrations
APPROVED

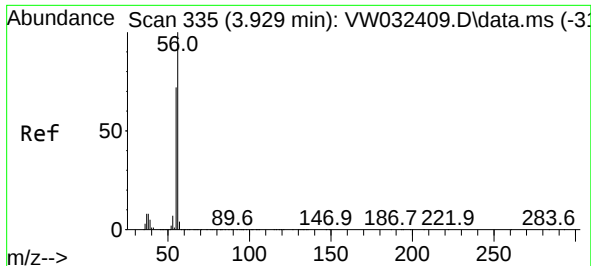
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#12
1,1-Dichloroethene
Concen: 5.697 ug/l
RT: 4.082 min Scan# 360
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

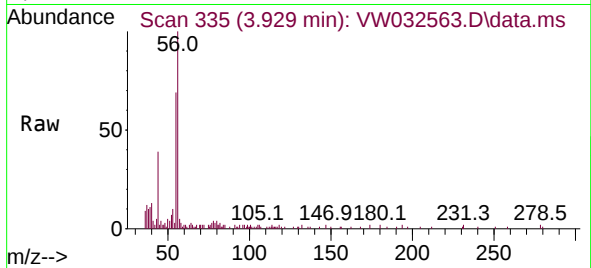
Tgt Ion: 96 Resp: 24532
Ion Ratio Lower Upper
96 100
61 166.1 136.6 205.0
98 63.8 51.4 77.2





#13
Acrolein
Concen: 20.486 ug/l
RT: 3.929 min Scan# 335
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

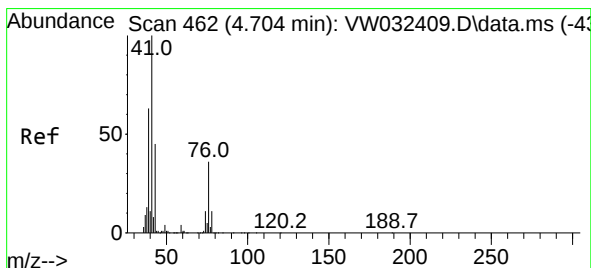
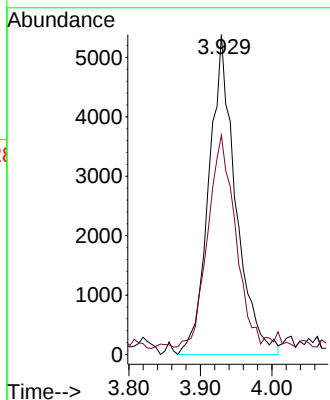
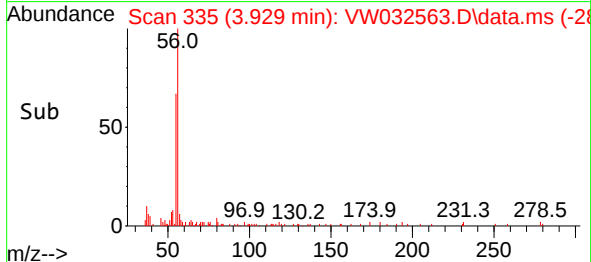
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 14031
Ion Ratio Lower Upper
56 100
55 68.3 55.2 82.8

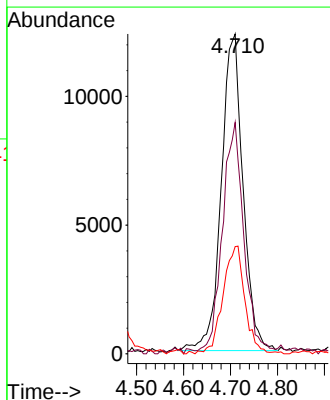
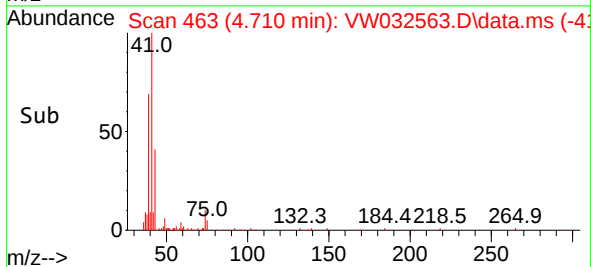
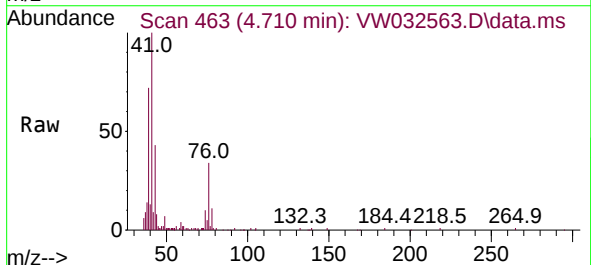
Manual Integrations
APPROVED

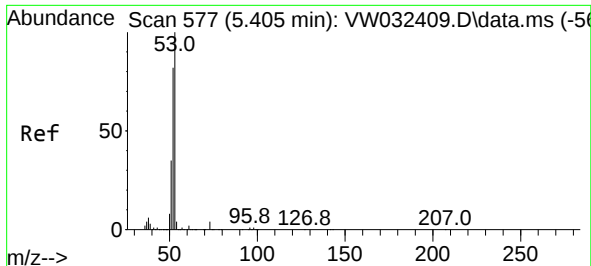
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 5.017 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

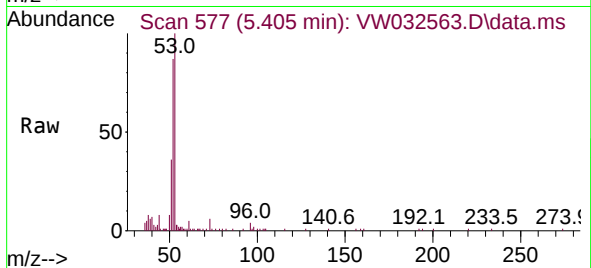
Tgt Ion: 41 Resp: 39548
Ion Ratio Lower Upper
41 100
39 70.3 52.9 79.3
76 34.2 25.8 38.6





#15
Acrylonitrile
Concen: 24.990 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

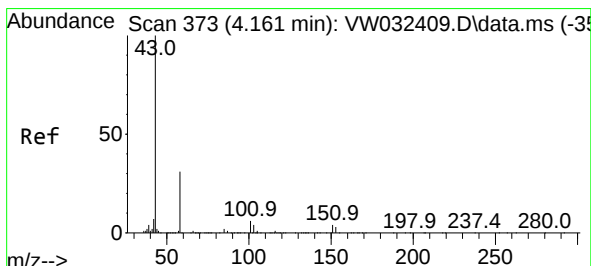
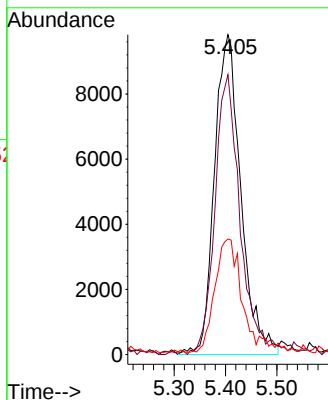
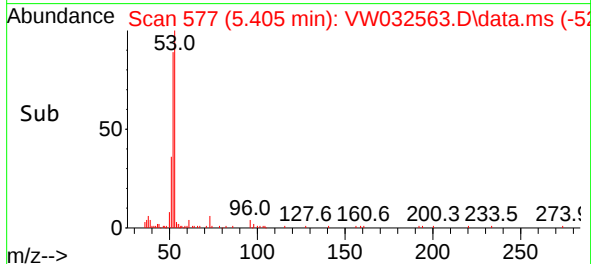
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 35046
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 34.3 29.3 43.9

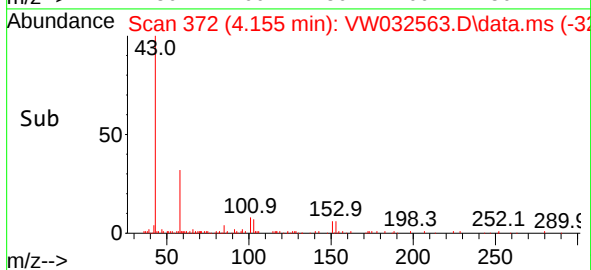
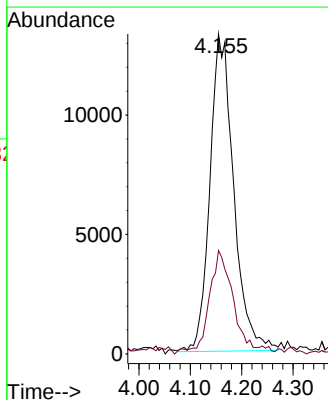
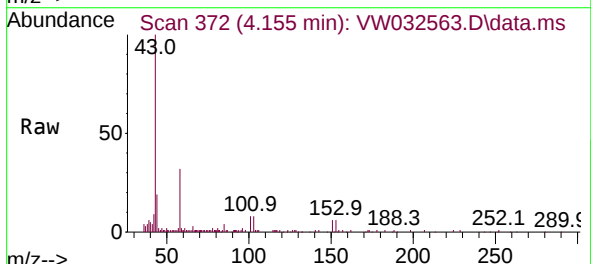
Manual Integrations
APPROVED

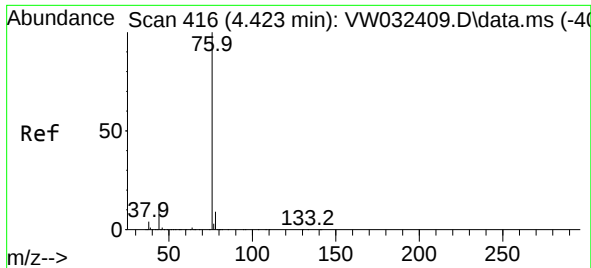
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 27.243 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 43 Resp: 42770
Ion Ratio Lower Upper
43 100
58 31.7 23.5 35.3





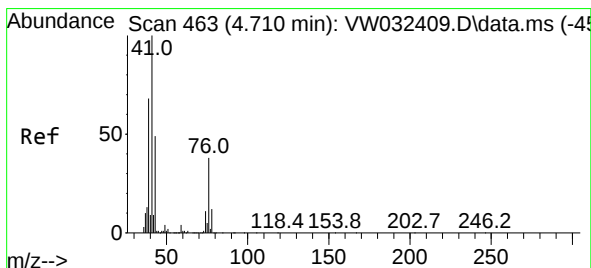
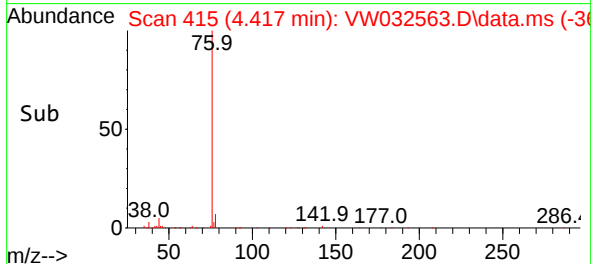
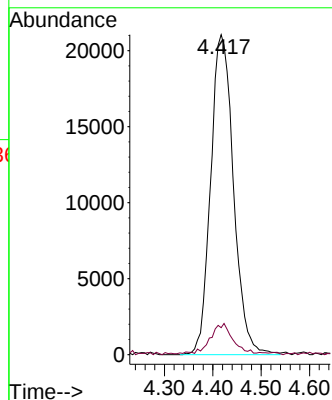
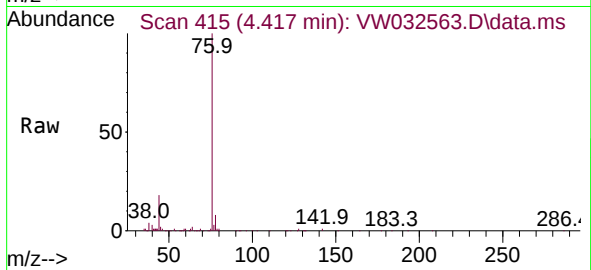
#17
Carbon Disulfide
Concen: 5.414 ug/l
RT: 4.417 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 69063
Ion Ratio Lower Upper
76 100
78 8.1 6.6 9.8

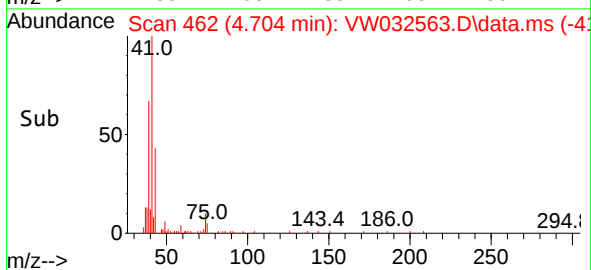
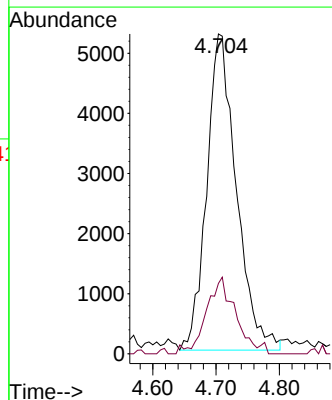
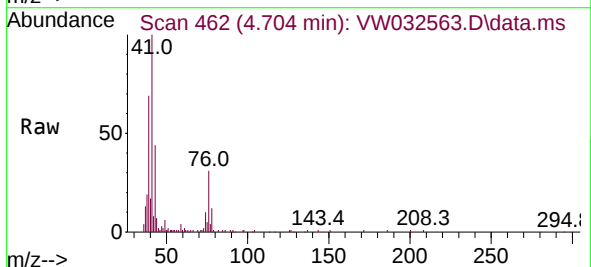
Manual Integrations
APPROVED

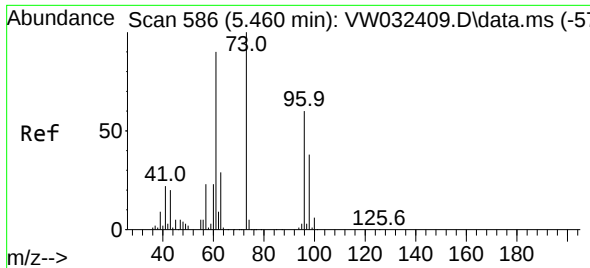
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 5.310 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 43 Resp: 17169
Ion Ratio Lower Upper
43 100
74 24.0 17.9 26.9





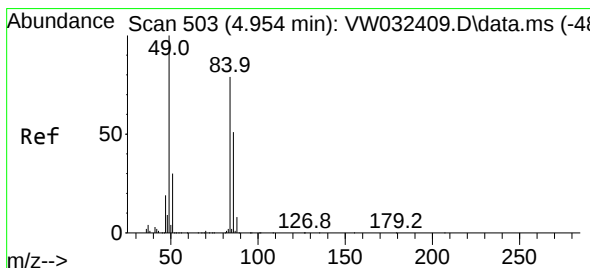
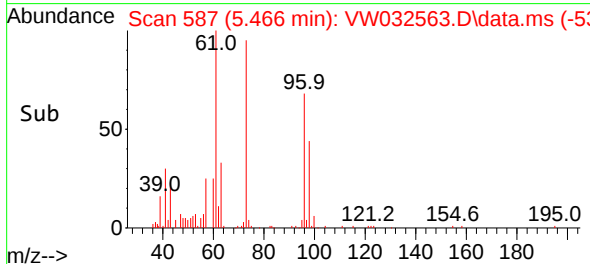
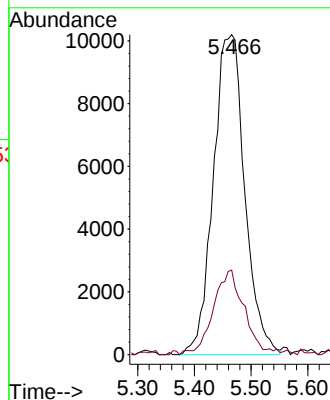
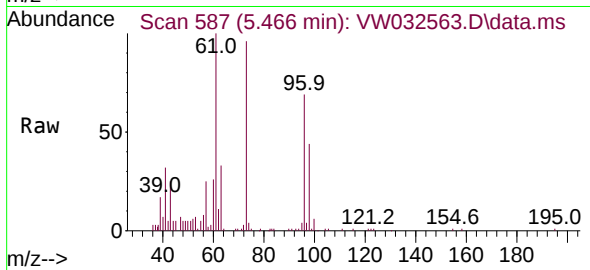
#19
Methyl tert-butyl Ether
Concen: 4.890 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3924
Ion Ratio Lower Upper
73 100
57 26.4 19.0 28.4

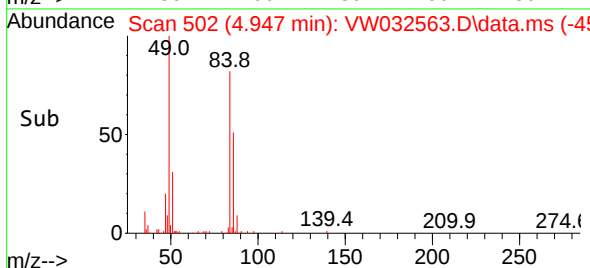
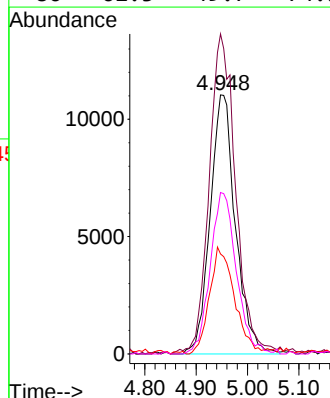
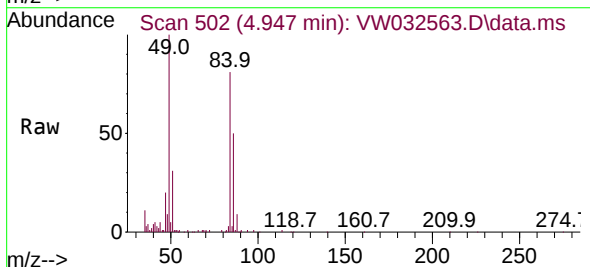
Manual Integrations
APPROVED

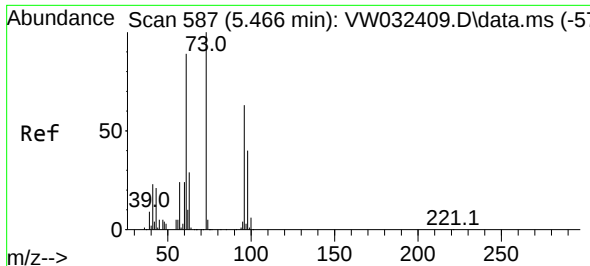
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 6.731 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

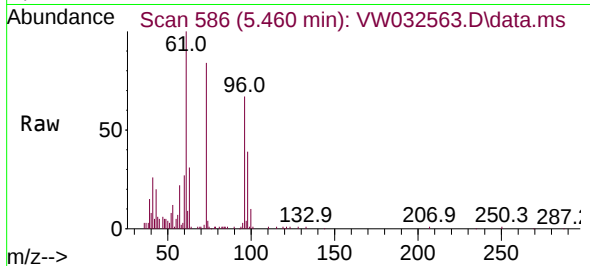
Tgt Ion: 84 Resp: 37790
Ion Ratio Lower Upper
84 100
49 121.8 107.6 161.4
51 38.0 33.9 50.9
86 62.3 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 5.423 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

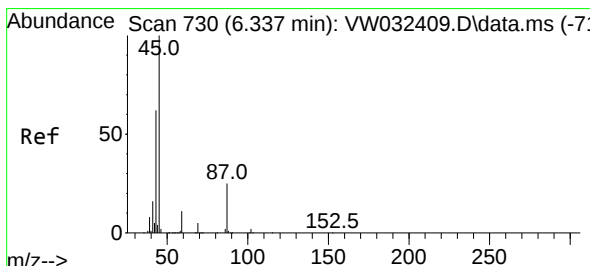
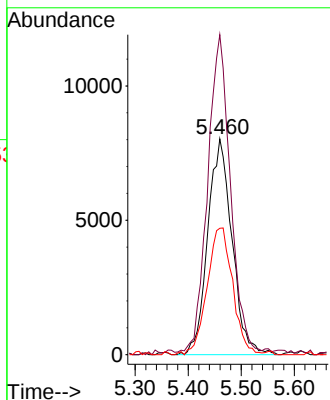
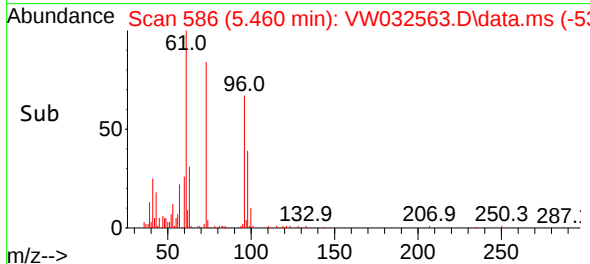
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 25514
Ion Ratio Lower Upper
96 100
61 147.1 111.0 166.4
98 58.5 48.4 72.6

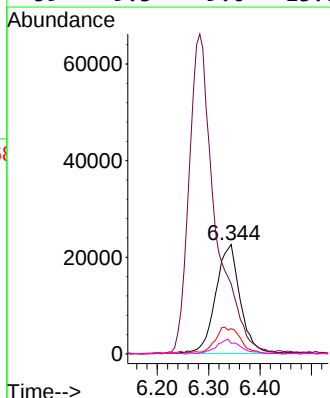
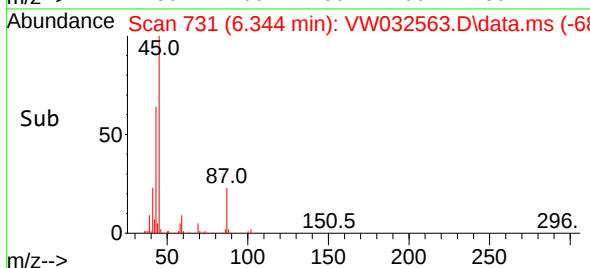
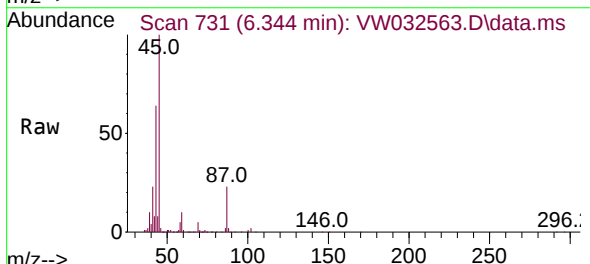
Manual Integrations
APPROVED

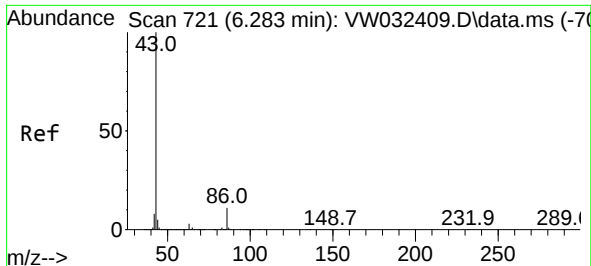
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 4.728 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 45 Resp: 74374
Ion Ratio Lower Upper
45 100
43 61.2 44.5 66.7
87 22.7 19.7 29.5
59 9.3 9.0 13.6





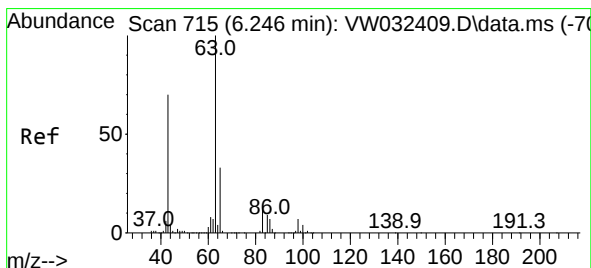
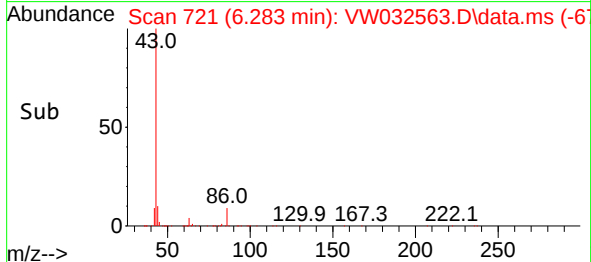
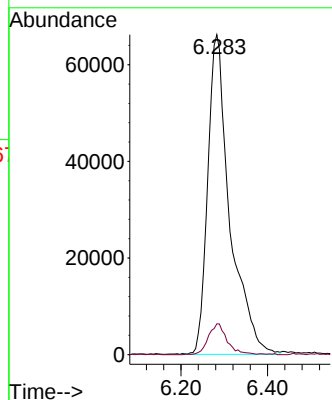
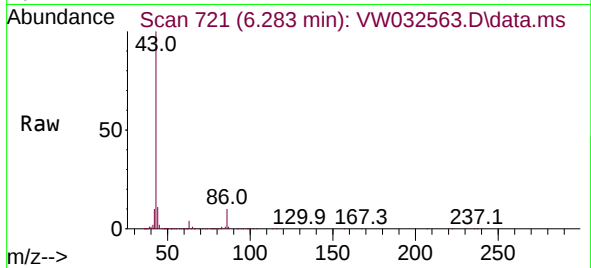
#23
 Vinyl Acetate
 Concen: 22.491 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032563.D
 Acq: 03 Dec 2025 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 234445
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

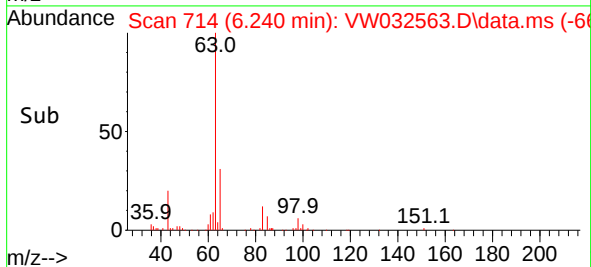
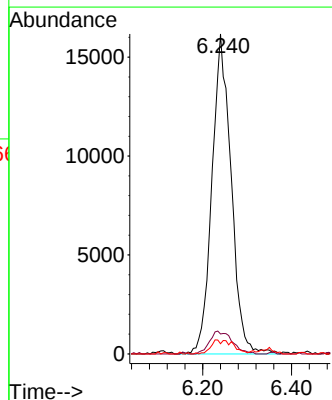
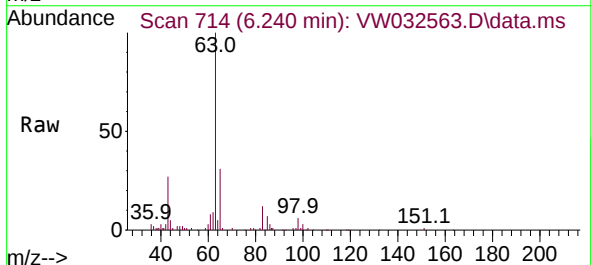
Manual Integrations
 APPROVED

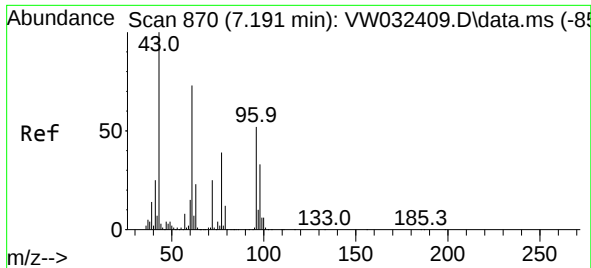
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#24
 1,1-Dichloroethane
 Concen: 5.304 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032563.D
 Acq: 03 Dec 2025 11:32

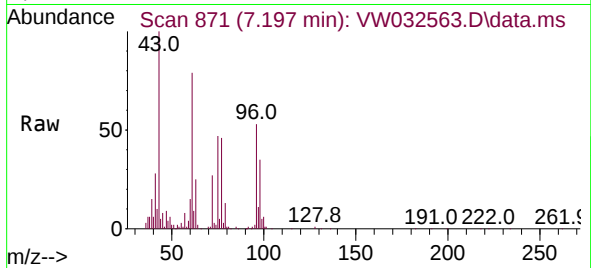
Tgt Ion: 63 Resp: 48443
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 2.6 2.3 6.8





#25
2-Butanone
Concen: 25.022 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

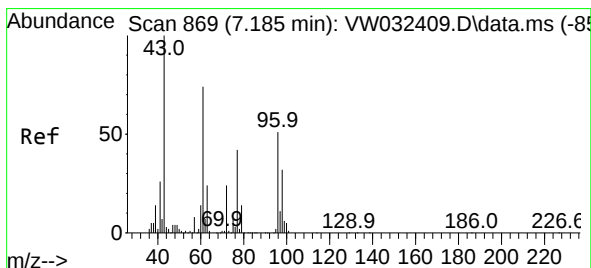
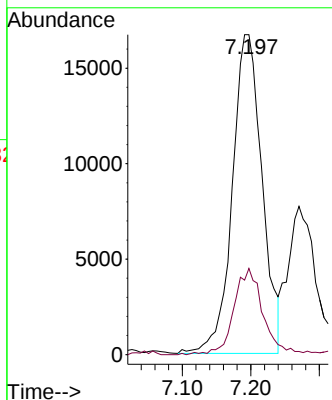
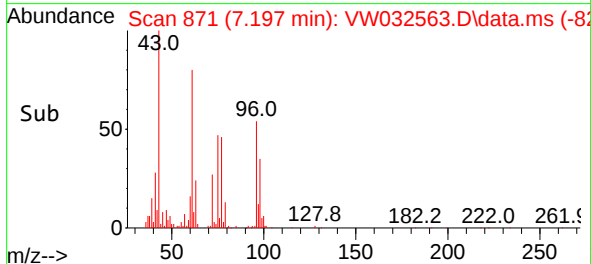
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 50415
Ion Ratio Lower Upper
43 100
72 27.0 19.7 29.5

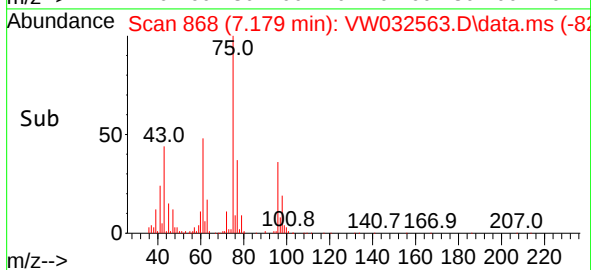
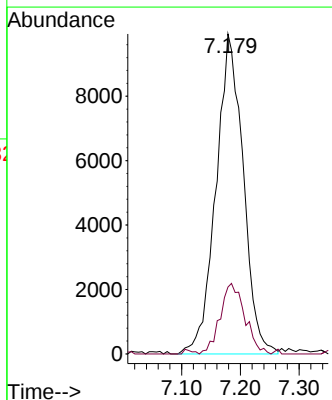
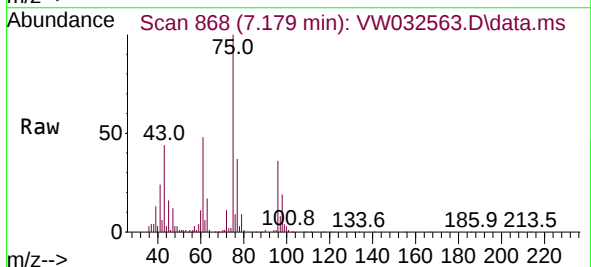
Manual Integrations
APPROVED

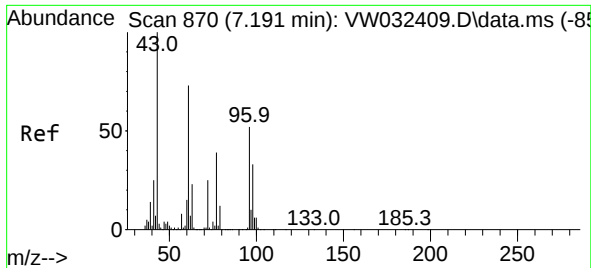
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 6.035 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 77 Resp: 31952
Ion Ratio Lower Upper
77 100
97 19.9 11.6 34.7





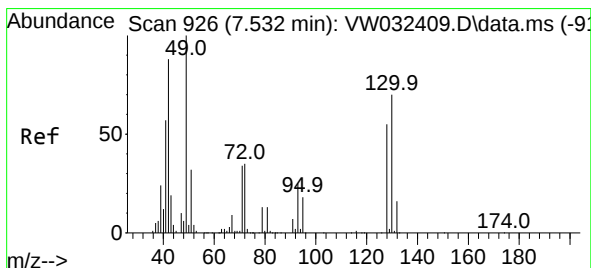
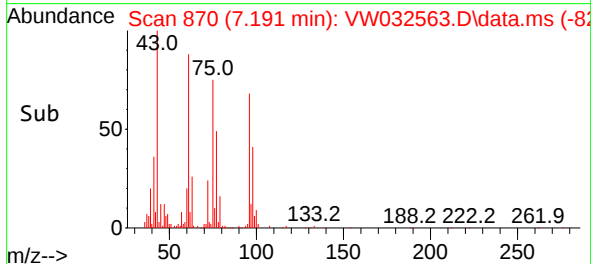
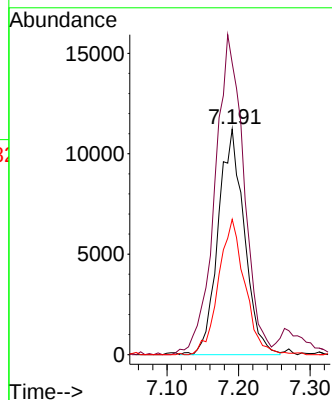
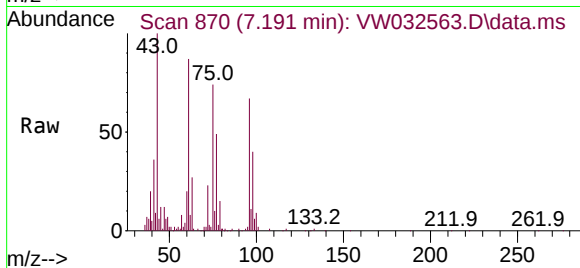
#27
cis-1,2-Dichloroethene
Concen: 5.201 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 28489
Ion Ratio Lower Upper
96 100
61 157.2 0.0 298.6
98 60.8 0.0 129.2

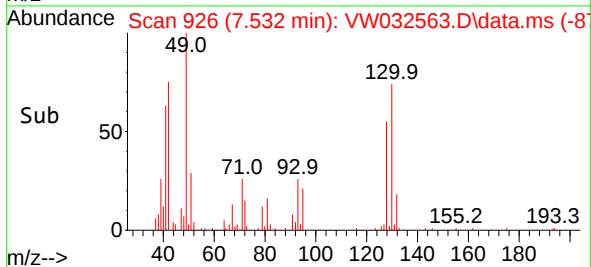
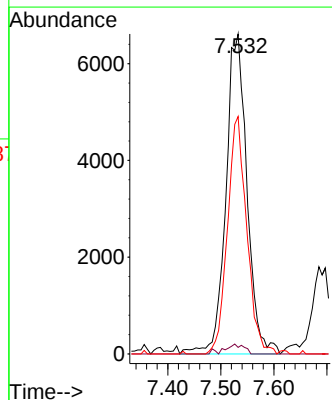
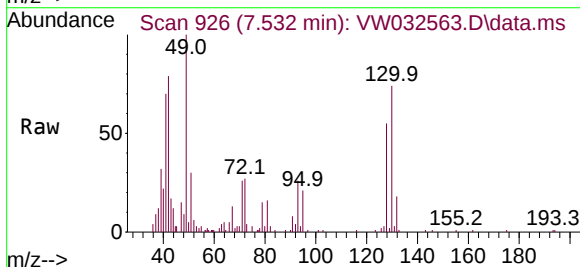
Manual Integrations
APPROVED

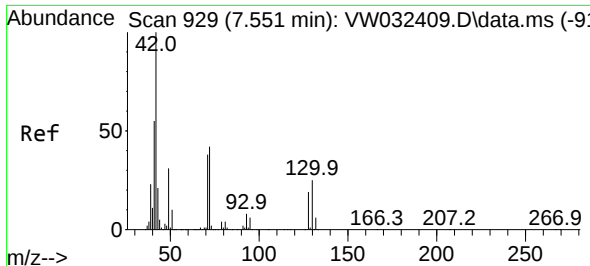
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#28
Bromochloromethane
Concen: 4.461 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

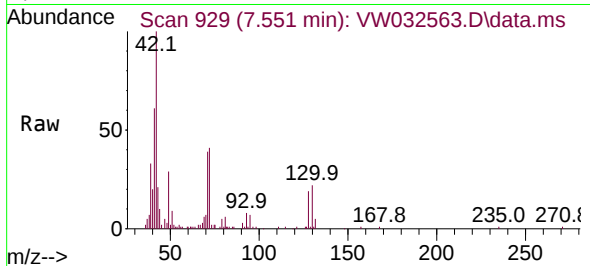
Tgt Ion: 49 Resp: 18303
Ion Ratio Lower Upper
49 100
129 2.5 0.0 3.6
130 67.7 54.1 81.1





#29
Tetrahydrofuran
Concen: 22.814 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

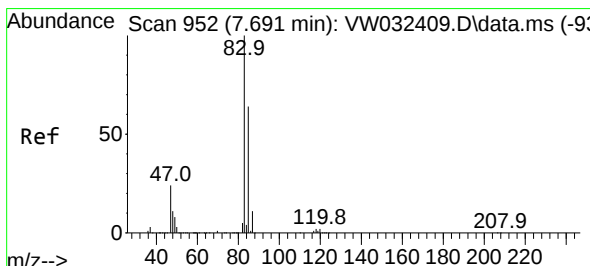
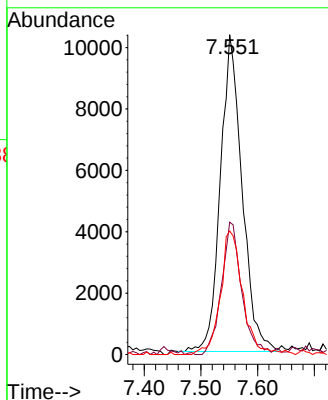
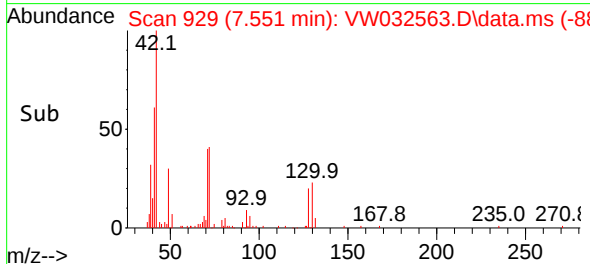
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 42 Resp: 27445
Ion Ratio Lower Upper
42 100
72 38.9 32.4 48.6
71 39.9 31.1 46.7

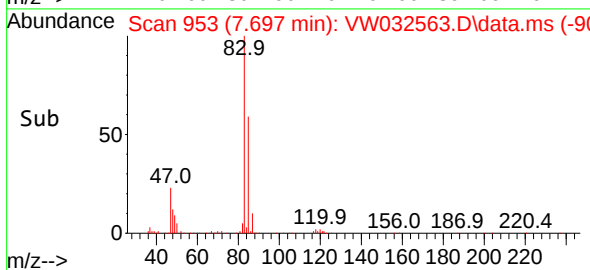
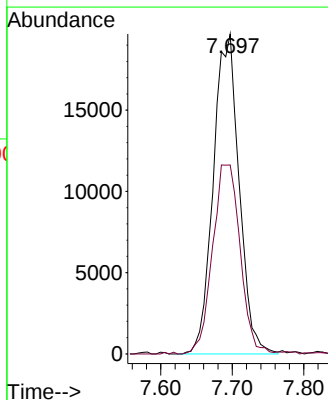
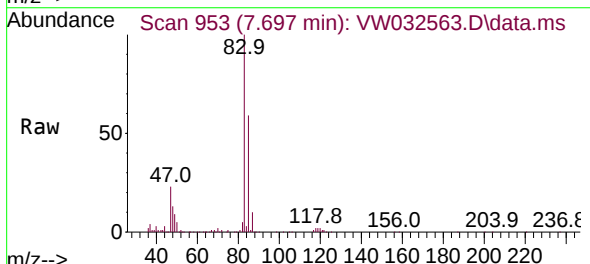
Manual Integrations
APPROVED

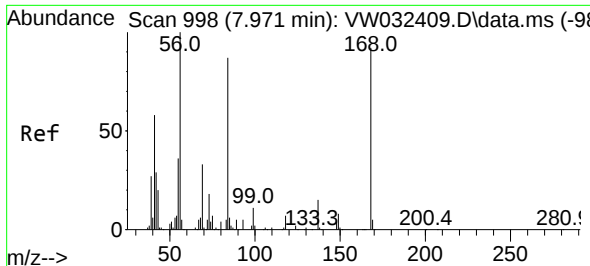
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#30
Chloroform
Concen: 5.432 ug/l
RT: 7.697 min Scan# 953
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

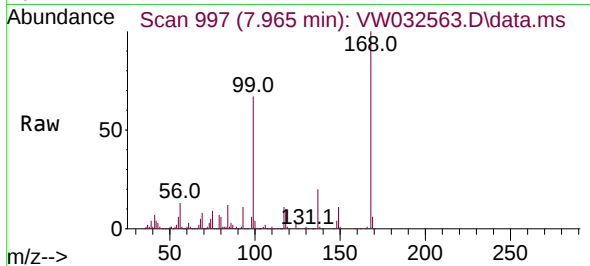
Tgt Ion: 83 Resp: 49239
Ion Ratio Lower Upper
83 100
85 59.0 53.1 79.7





#31
Cyclohexane
Concen: 5.806 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

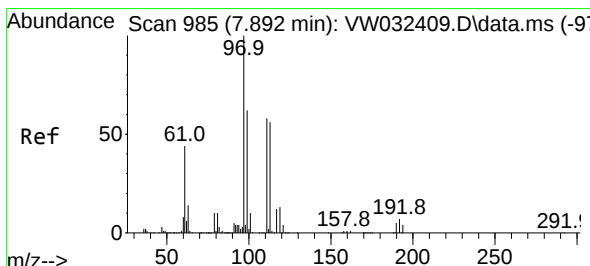
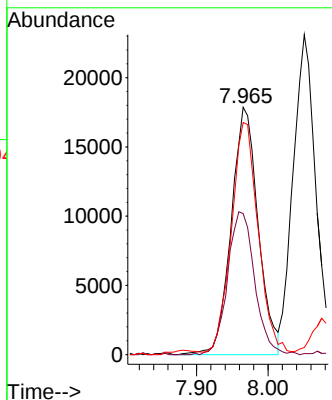
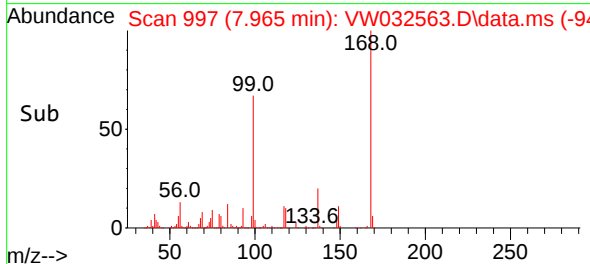
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



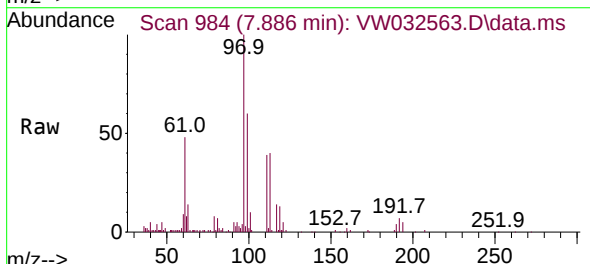
Tgt Ion: 56 Resp: 46760
Ion Ratio Lower Upper
56 100
69 56.4 27.3 40.9
84 92.4 67.5 101.3

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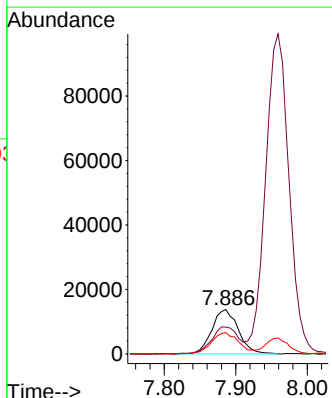
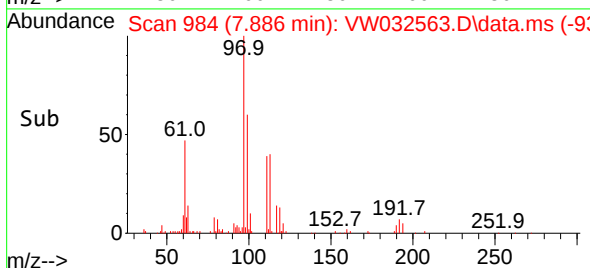
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

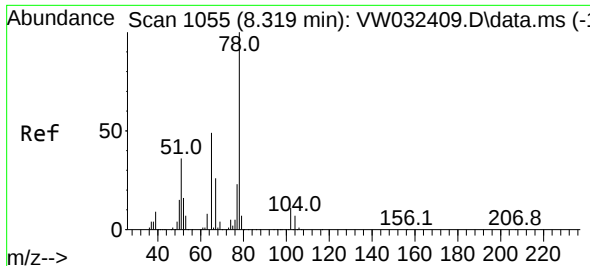


#32
1,1,1-Trichloroethane
Concen: 5.359 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32



Tgt Ion: 97 Resp: 35253
Ion Ratio Lower Upper
97 100
99 61.0 51.8 77.8
61 50.6 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 4.806 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032563.D

Acq: 03 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 24146

Ion Ratio Lower Upper

65 100

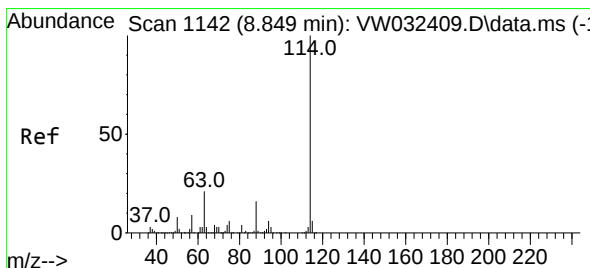
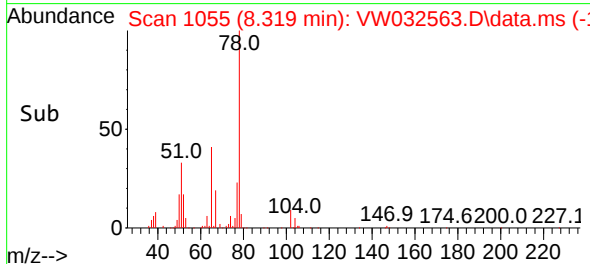
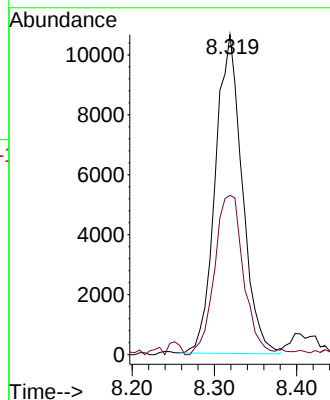
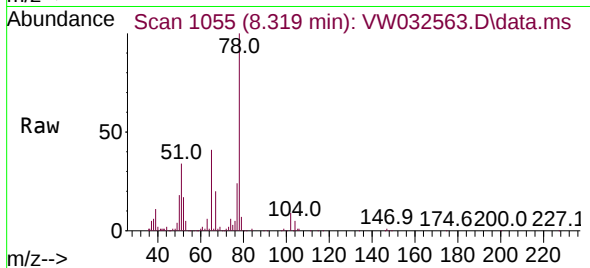
67 53.8 0.0 108.0

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: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032563.D

Acq: 03 Dec 2025 11:32

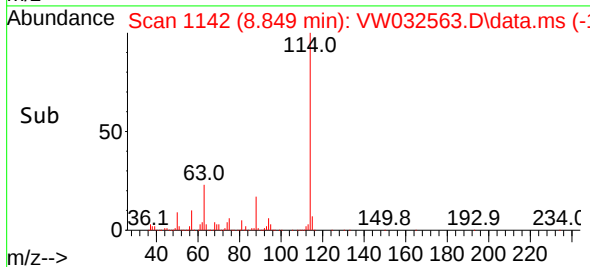
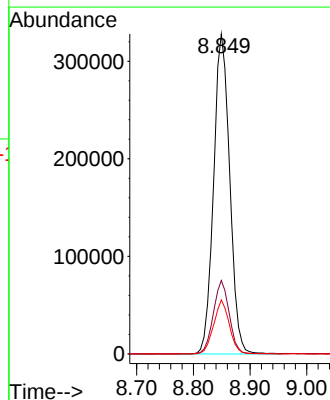
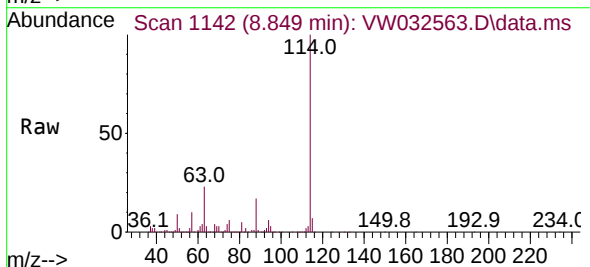
Tgt Ion:114 Resp: 647768

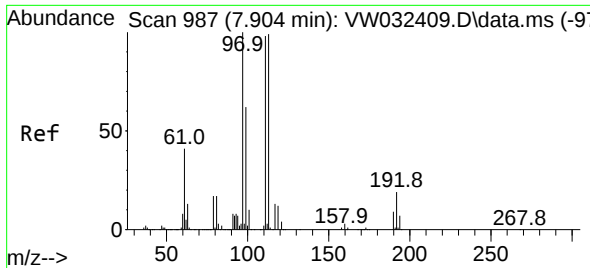
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.6

88 16.9 0.0 31.2





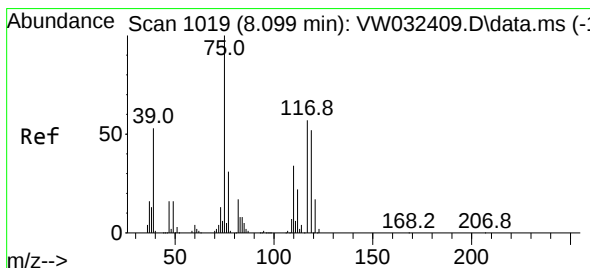
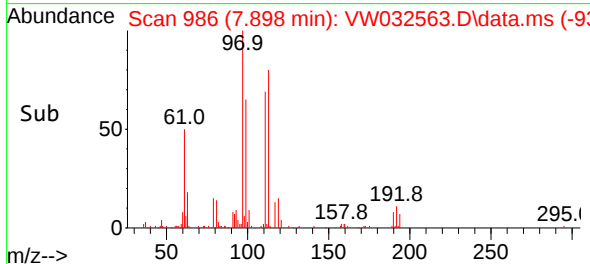
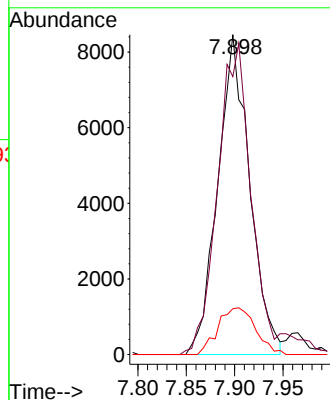
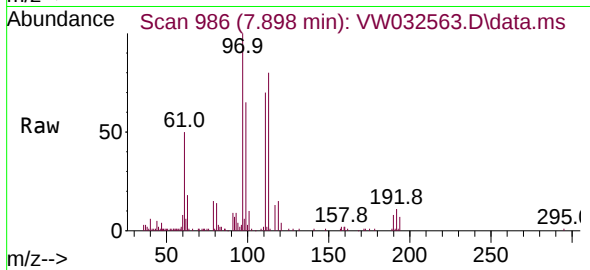
#35
Dibromofluoromethane
Concen: 4.553 ug/l
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 113 Resp: 19409
Ion Ratio Lower Upper
113 100
111 106.4 83.4 125.0
192 17.3 13.4 20.2

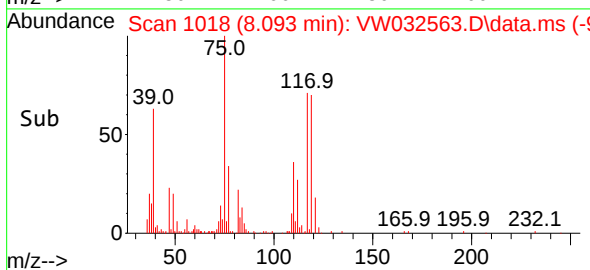
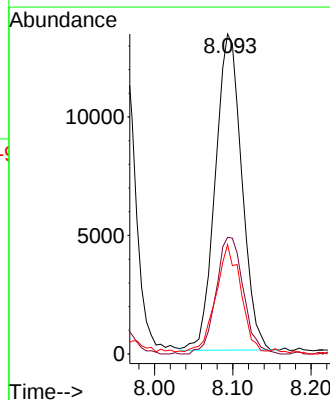
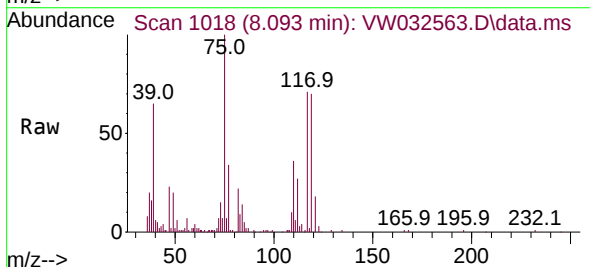
Manual Integrations
APPROVED

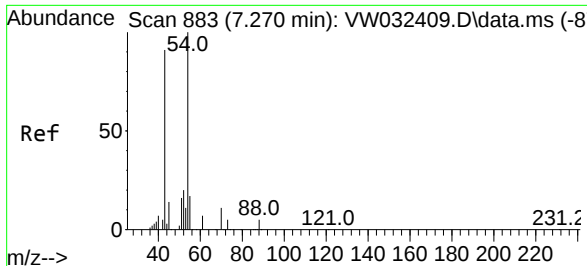
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 4.831 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

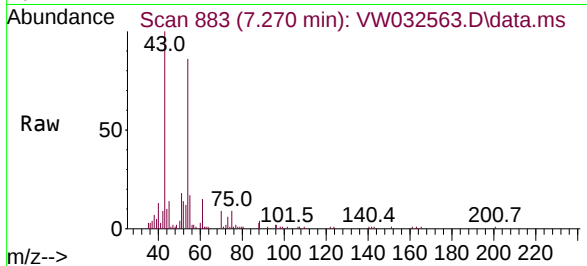
Tgt Ion: 75 Resp: 31409
Ion Ratio Lower Upper
75 100
110 38.0 16.9 50.6
77 31.5 24.6 37.0





#37
Ethyl Acetate
Concen: 4.874 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

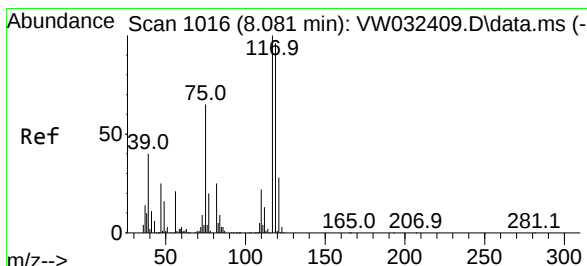
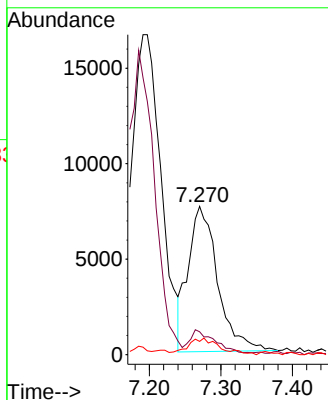
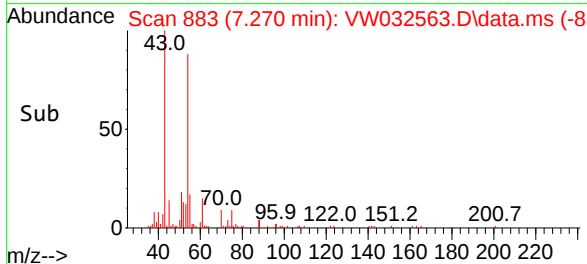
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



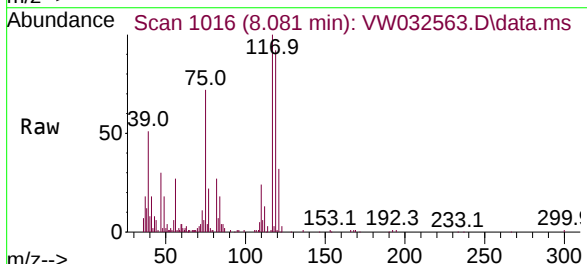
Tgt Ion: 43 Resp: 21929
Ion Ratio Lower Upper
43 100
61 13.1 10.6 16.0
70 8.3 7.9 11.9

Manual Integrations
APPROVED

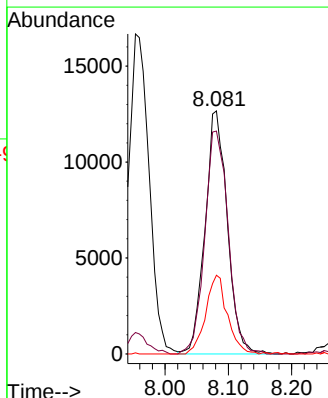
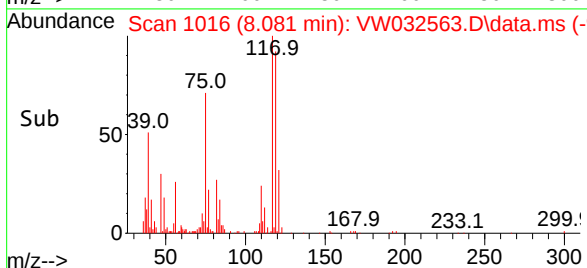
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

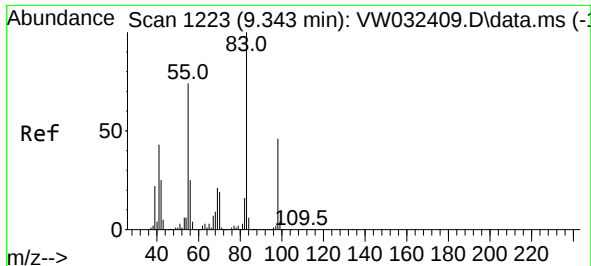


#38
Carbon Tetrachloride
Concen: 5.139 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32



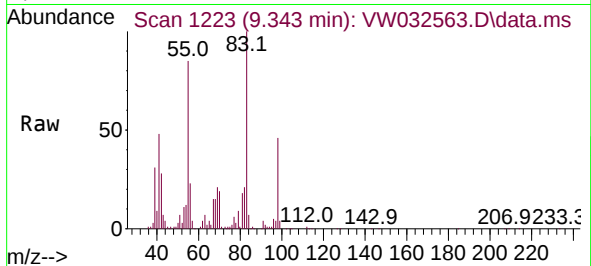
Tgt Ion: 117 Resp: 31041
Ion Ratio Lower Upper
117 100
119 91.7 76.9 115.3
121 32.4 25.4 38.2





#39
Methylcyclohexane
Concen: 4.900 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

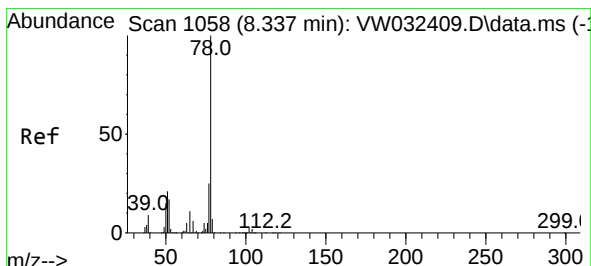
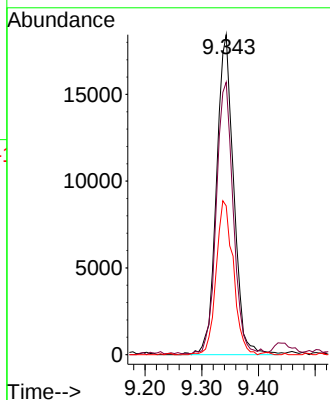
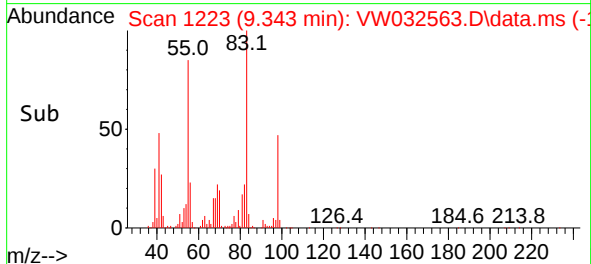
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 38904
Ion Ratio Lower Upper
83 100
55 84.5 64.9 97.3
98 46.5 36.2 54.4

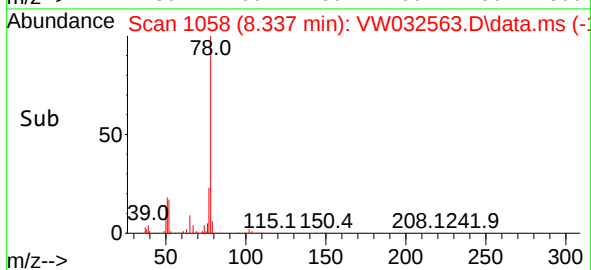
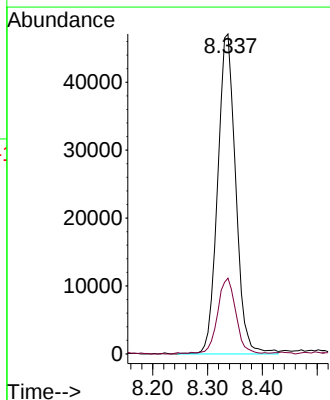
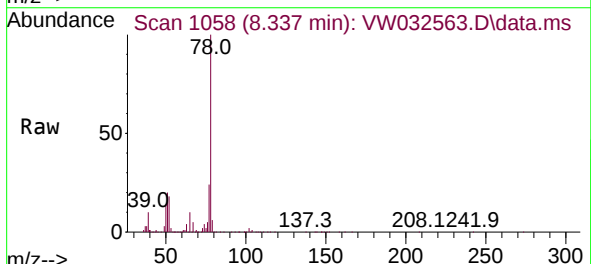
Manual Integrations
APPROVED

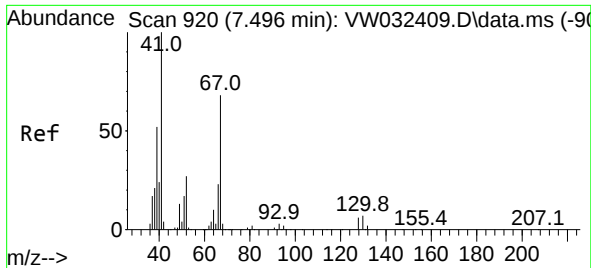
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#40
Benzene
Concen: 5.187 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

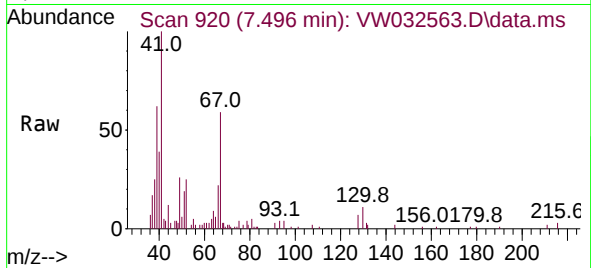
Tgt Ion: 78 Resp: 107478
Ion Ratio Lower Upper
78 100
77 23.3 20.0 30.0





#41
Methacrylonitrile
Concen: 4.515 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

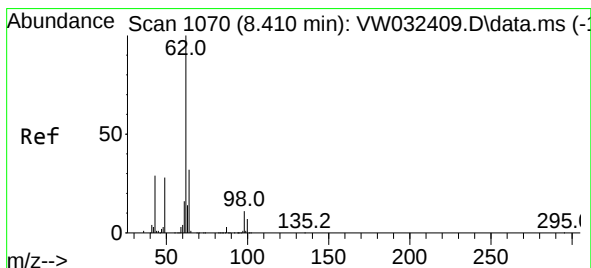
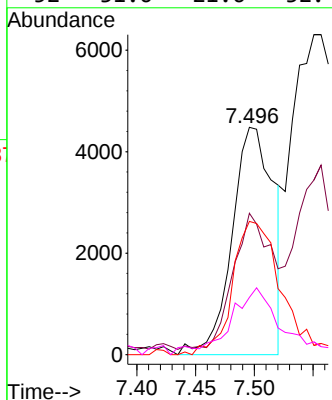
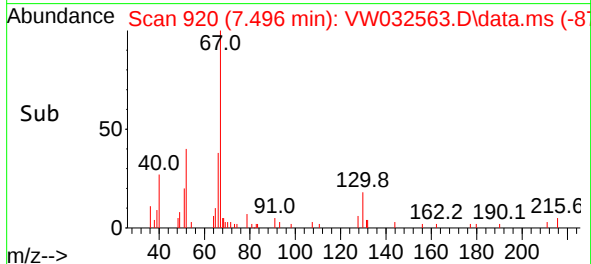
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 10993
Ion Ratio Lower Upper
41 100
39 53.7 38.5 57.7
67 68.6 49.8 74.6
52 31.6 21.6 32.4

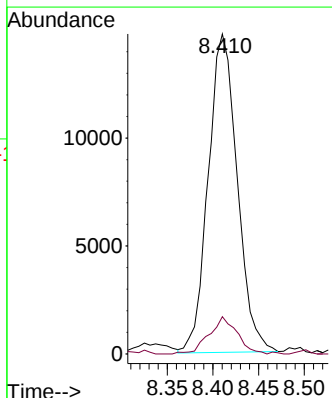
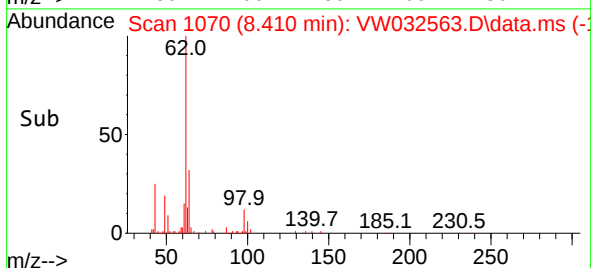
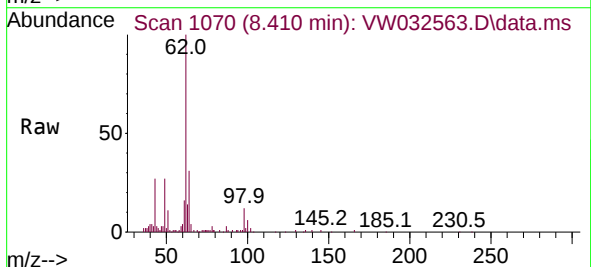
Manual Integrations
APPROVED

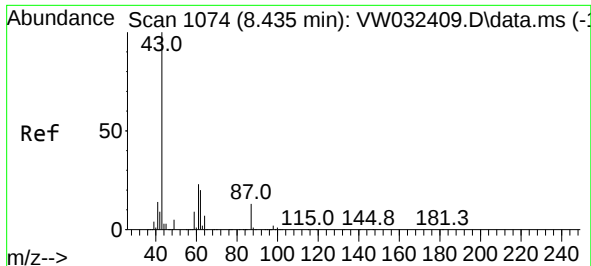
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 5.141 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 62 Resp: 32662
Ion Ratio Lower Upper
62 100
98 11.2 0.0 19.0





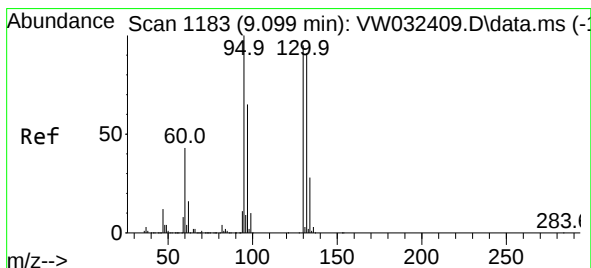
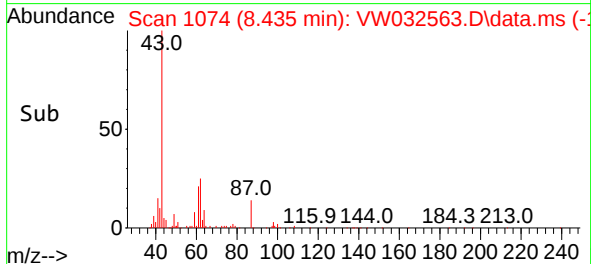
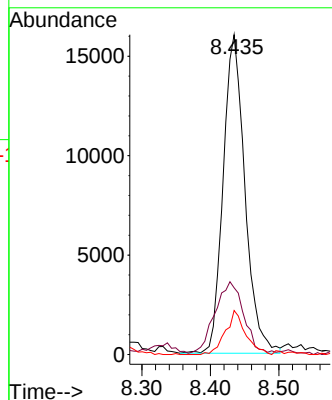
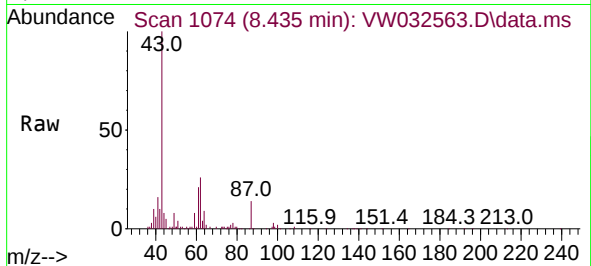
#43
Isopropyl Acetate
Concen: 4.587 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 35474
Ion Ratio Lower Upper
43 100
61 29.8 22.3 33.5
87 12.8 9.9 14.9

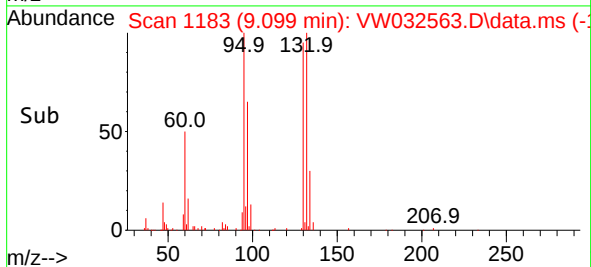
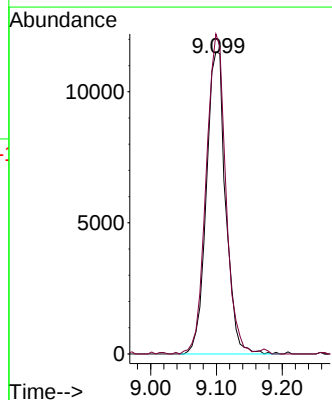
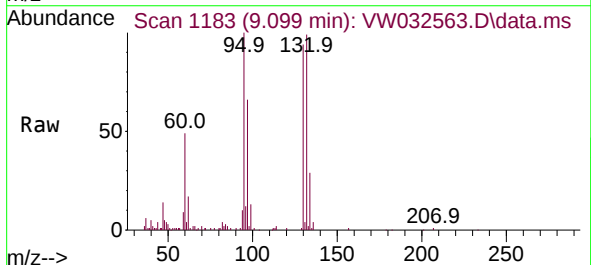
Manual Integrations
APPROVED

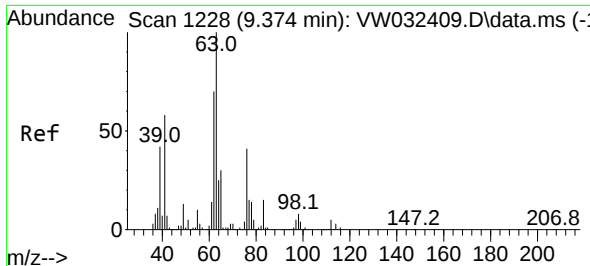
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 5.078 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

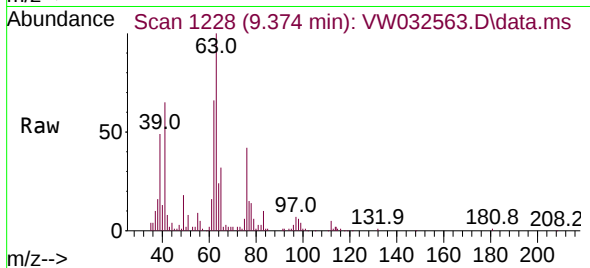
Tgt Ion:130 Resp: 23517
Ion Ratio Lower Upper
130 100
95 105.9 0.0 190.4





#45
1,2-Dichloropropane
Concen: 5.074 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

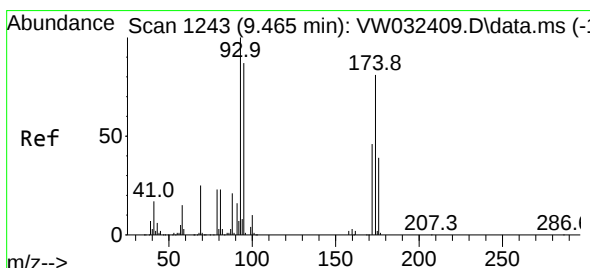
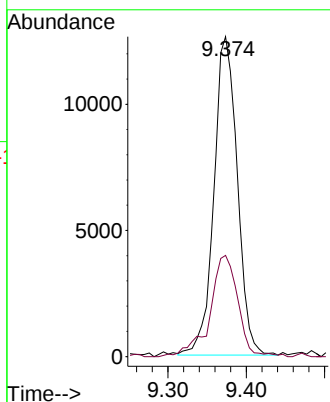
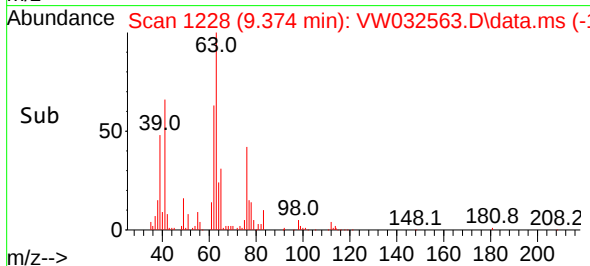
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 26115
Ion Ratio Lower Upper
63 100
65 31.3 26.5 39.7

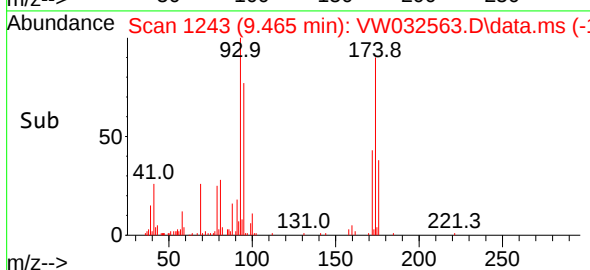
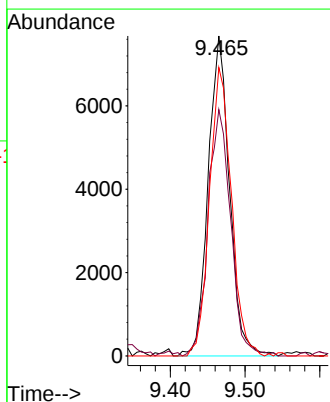
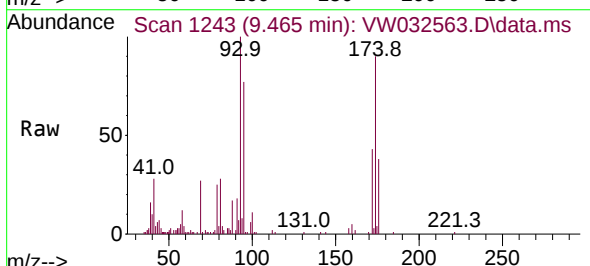
Manual Integrations
APPROVED

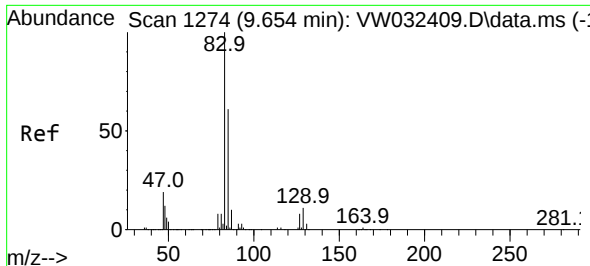
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#46
Dibromomethane
Concen: 5.123 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

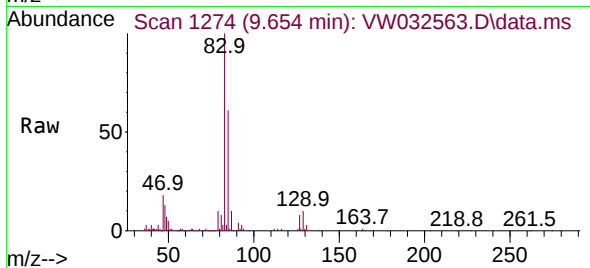
Tgt Ion: 93 Resp: 15246
Ion Ratio Lower Upper
93 100
95 81.3 66.4 99.6
174 92.2 65.3 97.9





#47
Bromodichloromethane
Concen: 5.068 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

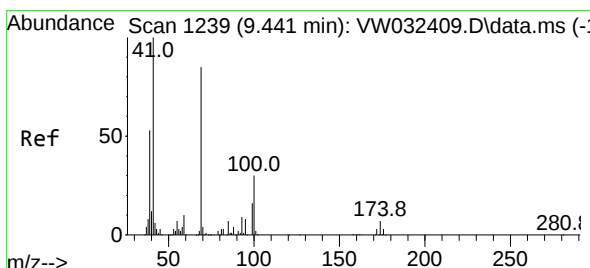
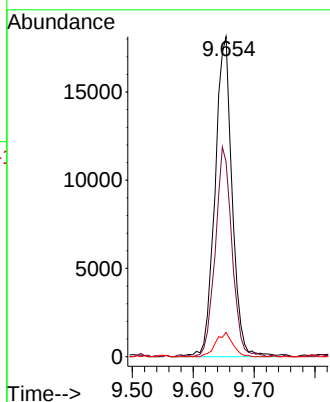
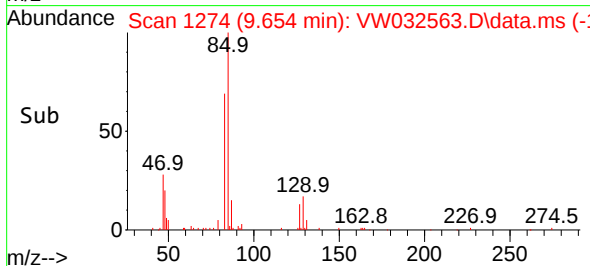
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 35354
Ion Ratio Lower Upper
83 100
85 60.9 50.8 76.2
127 7.6 7.0 10.6

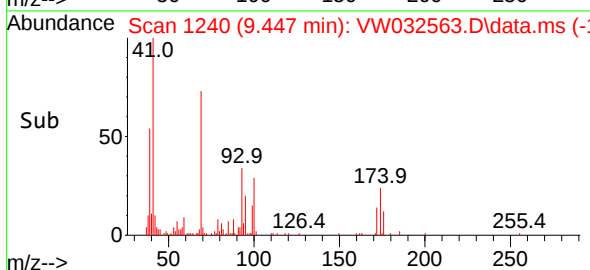
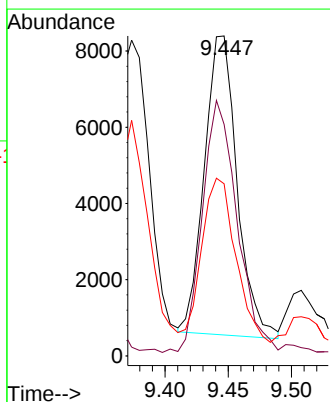
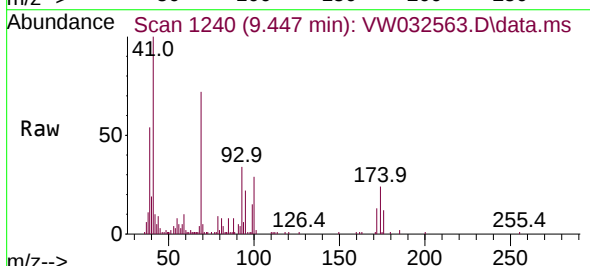
Manual Integrations
APPROVED

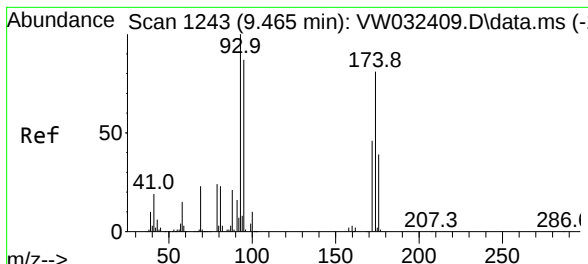
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#48
Methyl methacrylate
Concen: 4.025 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 41 Resp: 14152
Ion Ratio Lower Upper
41 100
69 89.5 62.1 93.1
39 57.0 39.1 58.7



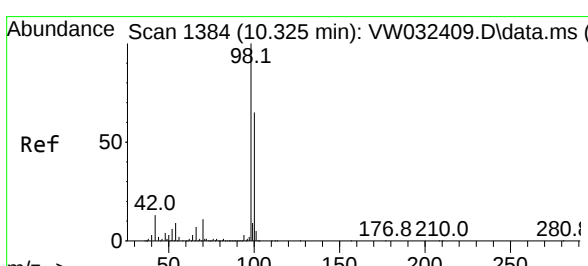
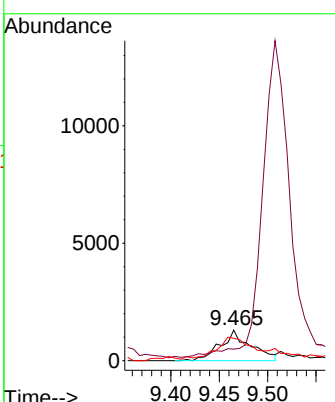
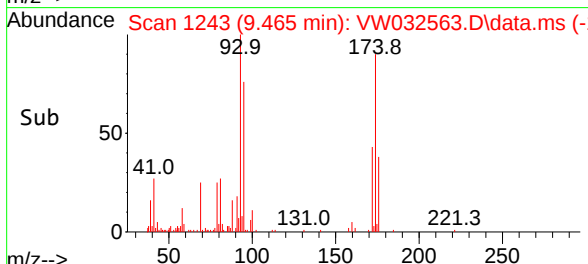
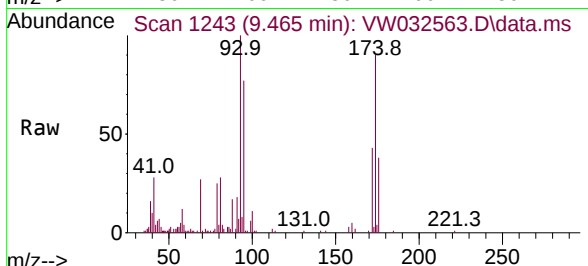


#49
 1,4-Dioxane
 Concen: 79.243 ug/l
 RT: 9.465 min Scan# 1243
 Delta R.T. 0.006 min
 Lab File: VW032563.D
 Acq: 03 Dec 2025 11:32

Instrument : MSVOA_W
 ClientSampleId : VSTDIC005

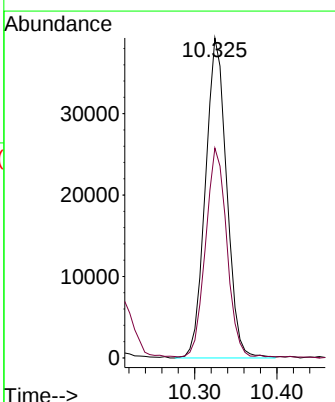
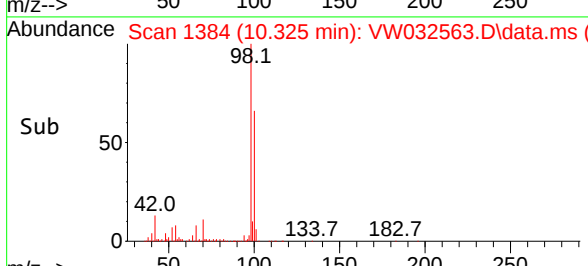
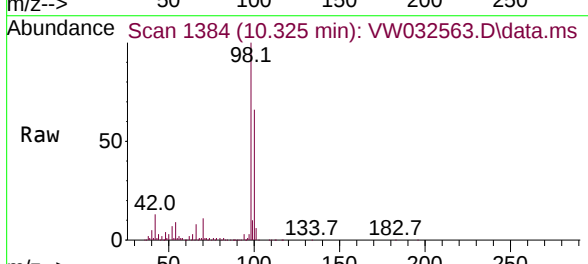
Tgt Ion: 88	Resp: 2818
Ion Ratio	Lower Upper
88 100	
43 0.0	0.0 0.0
58 82.0	65.2 97.8

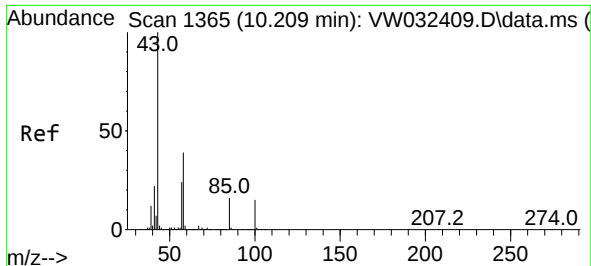
Manual Integrations
APPROVED
 Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#50
 Toluene-d8
 Concen: 4.395 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032563.D
 Acq: 03 Dec 2025 11:32

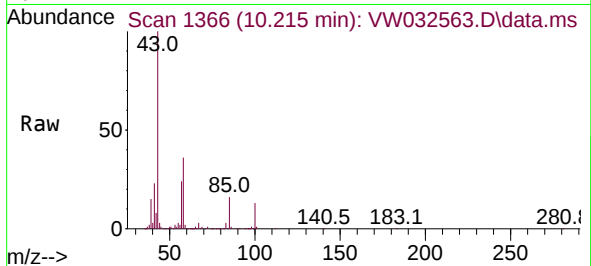
Tgt Ion: 98	Resp: 70497
Ion Ratio	Lower Upper
98 100	
100 64.8	54.7 82.1





#51
4-Methyl-2-Pentanone
Concen: 22.658 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

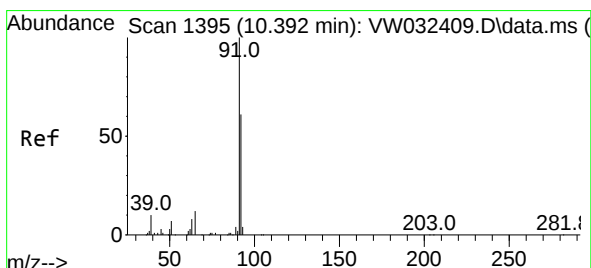
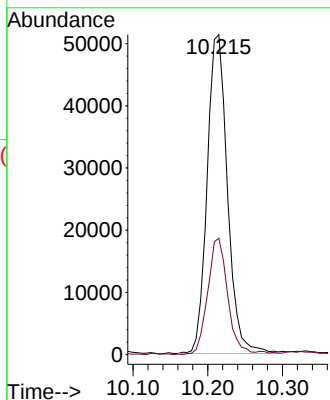
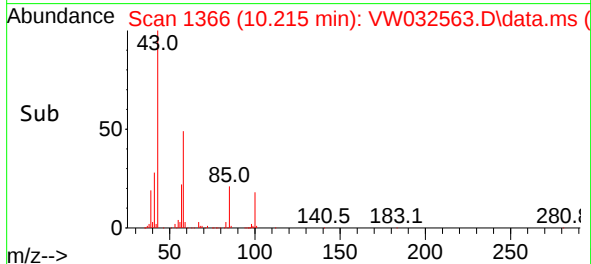
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



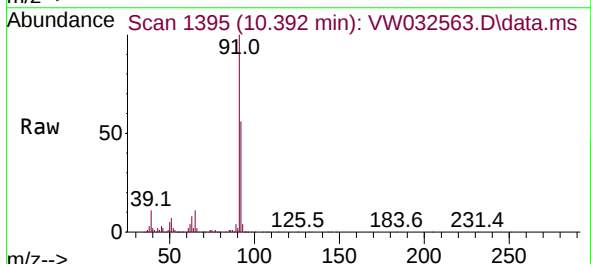
Tgt Ion: 43 Resp: 96966
Ion Ratio Lower Upper
43 100
58 35.7 30.5 45.7

Manual Integrations
APPROVED

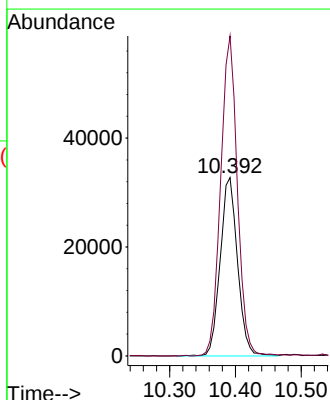
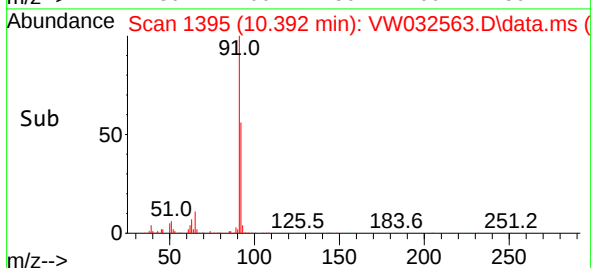
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

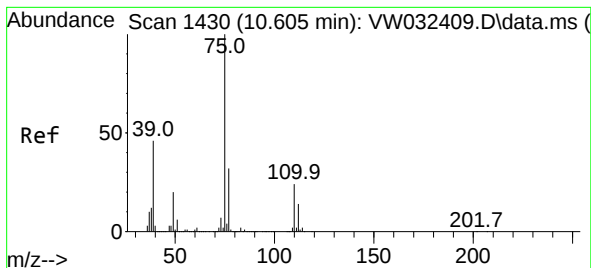


#52
Toluene
Concen: 4.773 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32



Tgt Ion: 92 Resp: 59584
Ion Ratio Lower Upper
92 100
91 173.8 138.6 207.8





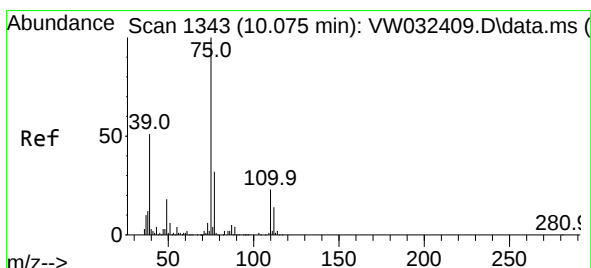
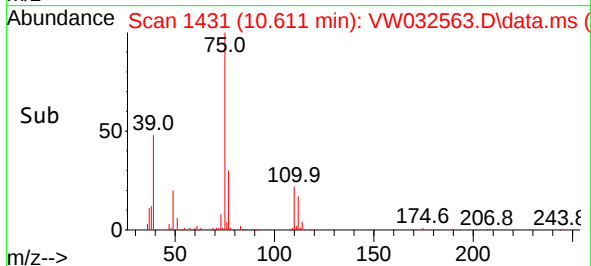
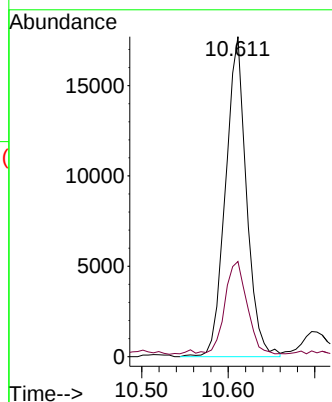
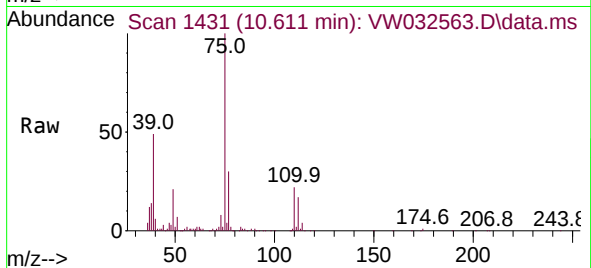
#53
t-1,3-Dichloropropene
Concen: 4.472 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 29929
Ion Ratio Lower Upper
75 100
77 28.8 25.3 37.9

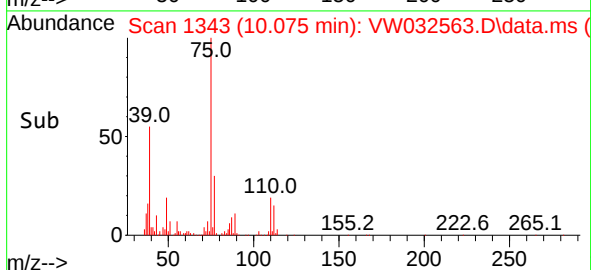
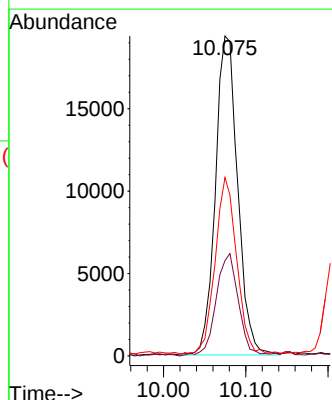
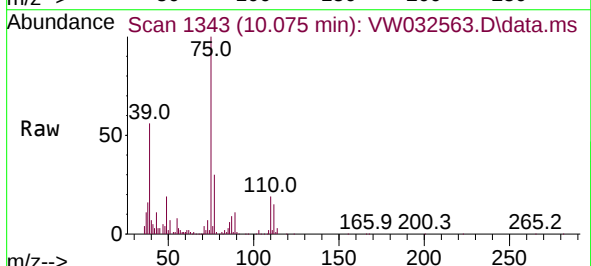
Manual Integrations
APPROVED

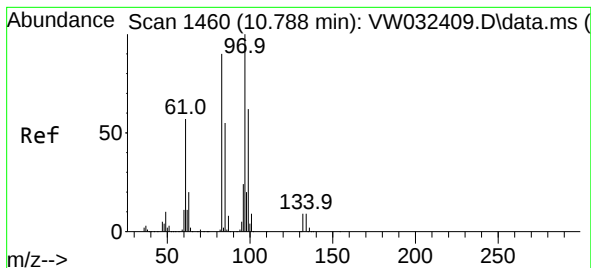
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 4.640 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

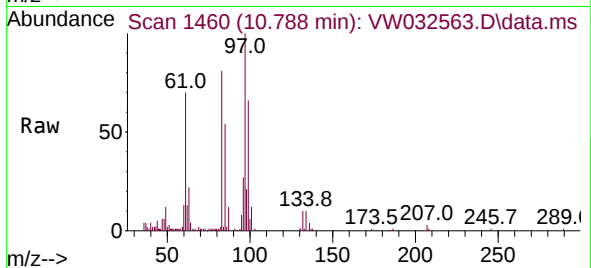
Tgt Ion: 75 Resp: 36436
Ion Ratio Lower Upper
75 100
77 29.8 26.5 39.7
39 55.2 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 5.191 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

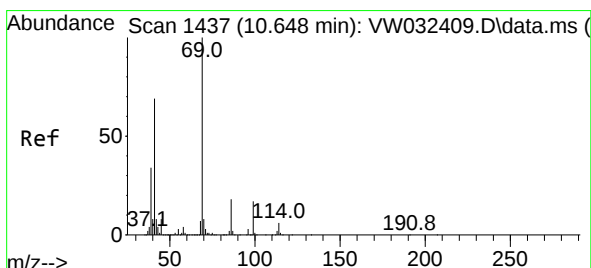
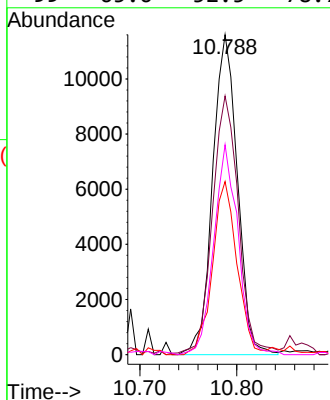
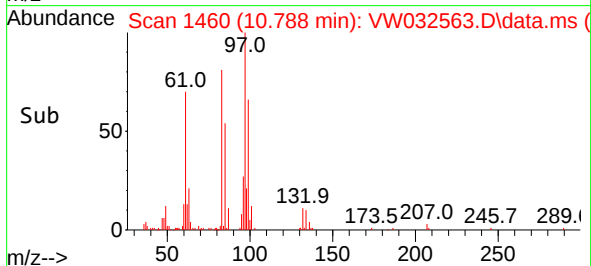
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 97 Resp: 20691
Ion Ratio Lower Upper
97 100
83 79.8 76.3 114.5
85 54.1 46.1 69.1
99 65.6 52.5 78.7

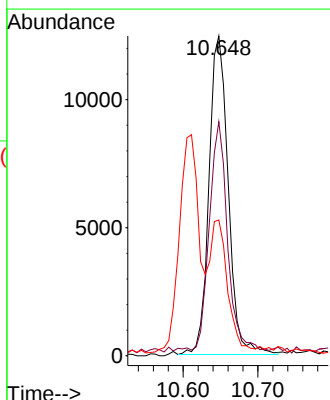
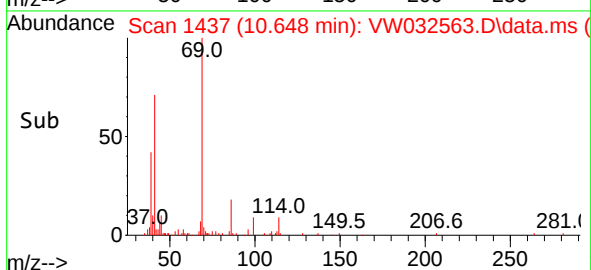
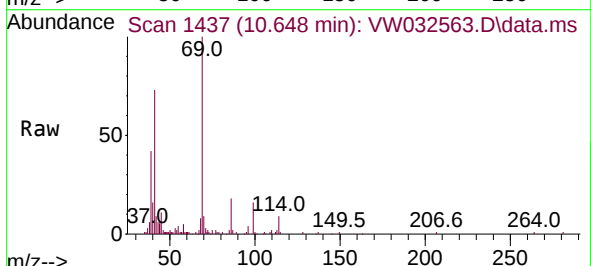
Manual Integrations
APPROVED

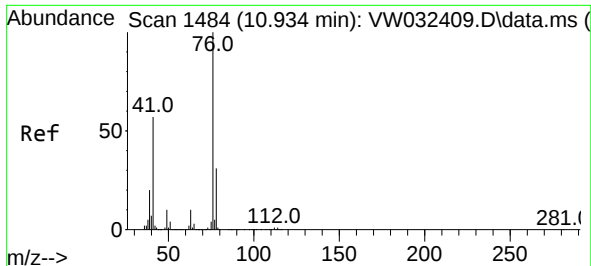
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 4.042 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

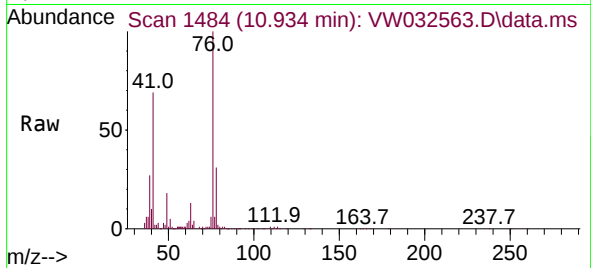
Tgt Ion: 69 Resp: 22283
Ion Ratio Lower Upper
69 100
41 68.3 56.2 84.4
39 36.2 26.9 40.3





#57
1,3-Dichloropropane
Concen: 4.899 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

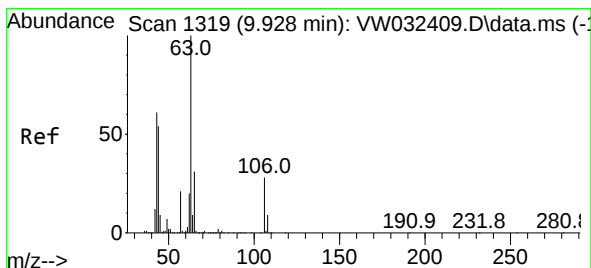
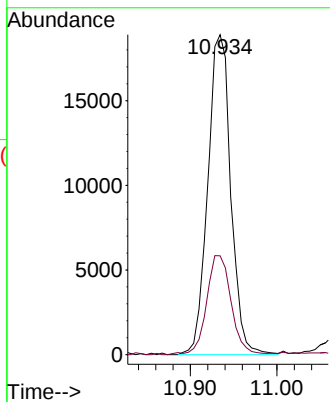
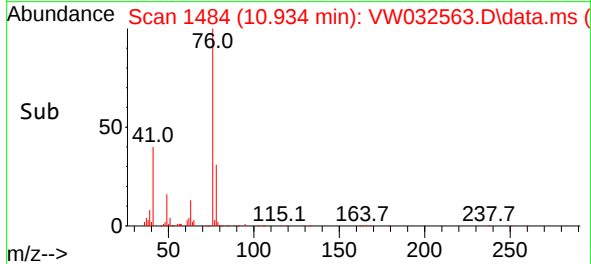
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 34854
Ion Ratio Lower Upper
76 100
78 33.0 25.4 38.0

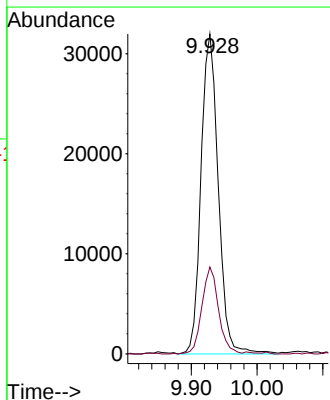
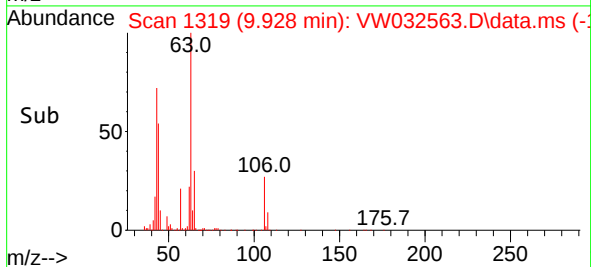
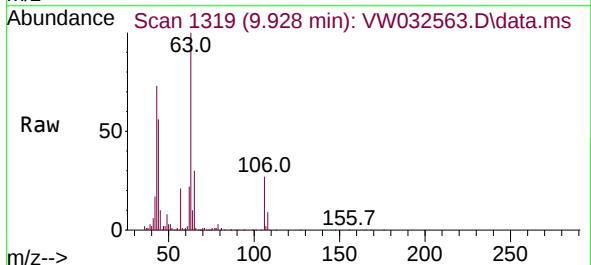
Manual Integrations
APPROVED

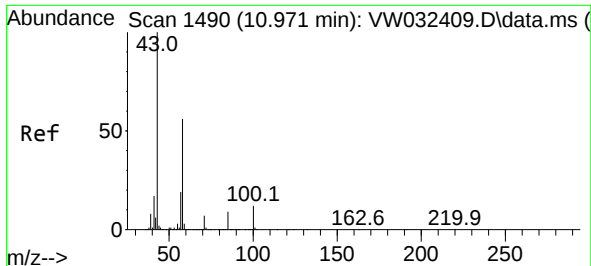
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 20.196 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 63 Resp: 58334
Ion Ratio Lower Upper
63 100
106 26.0 21.5 32.3





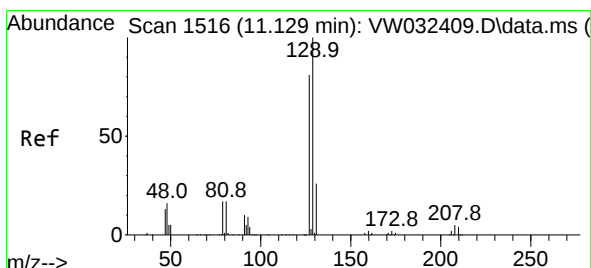
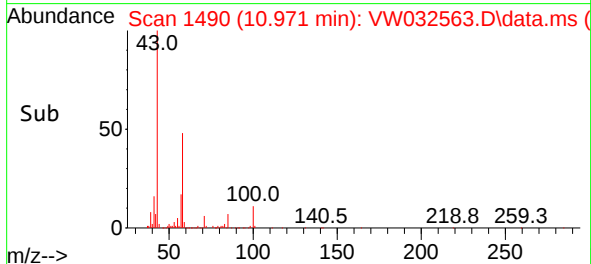
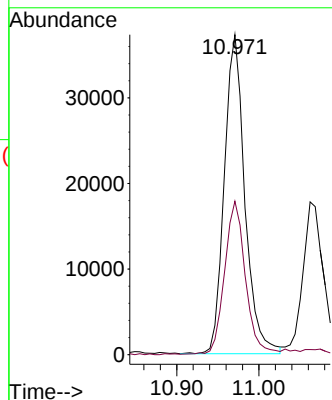
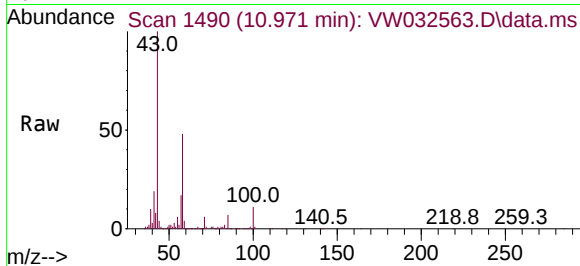
#59
2-Hexanone
Concen: 21.246 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 64754
Ion Ratio Lower Upper
43 100
58 48.4 26.2 78.6

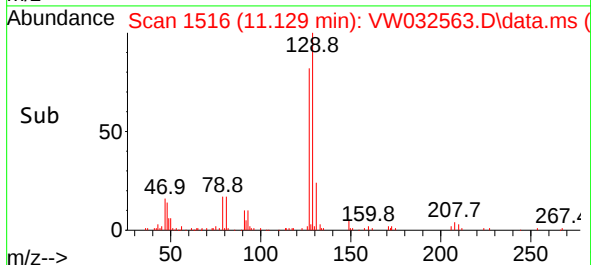
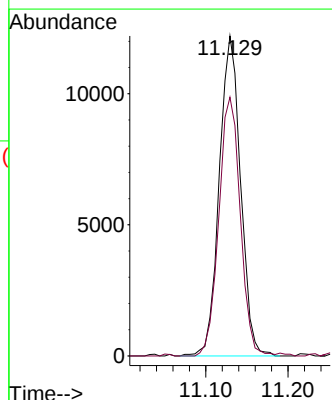
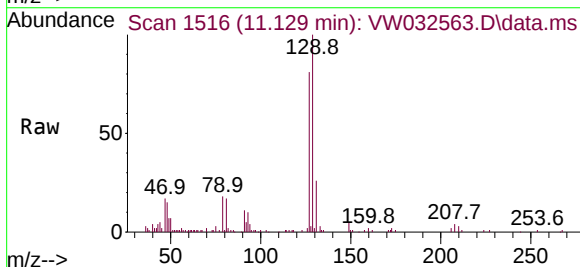
Manual Integrations
APPROVED

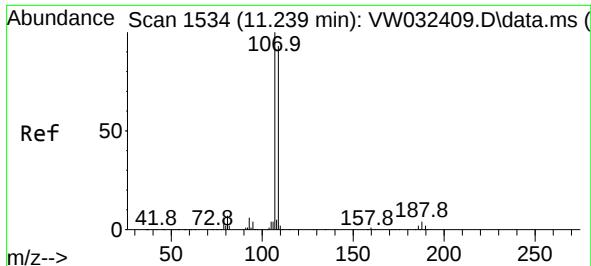
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 4.915 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion:129 Resp: 21956
Ion Ratio Lower Upper
129 100
127 81.2 40.9 122.8





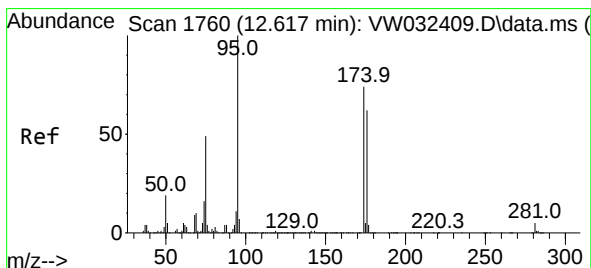
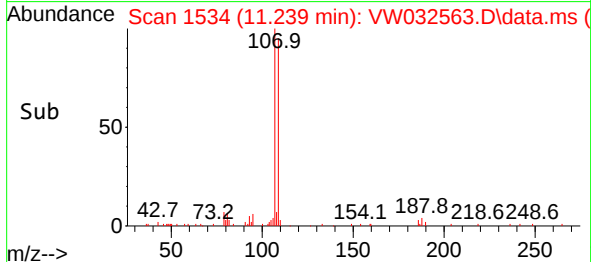
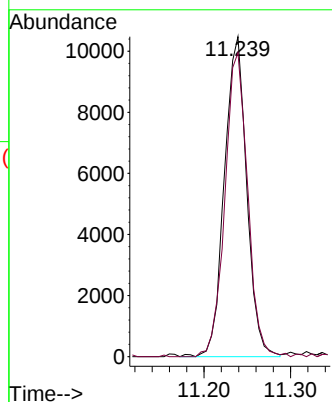
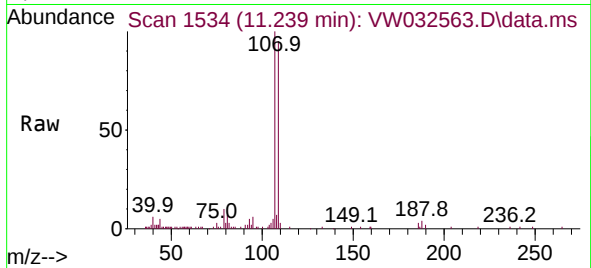
#61
1,2-Dibromoethane
Concen: 4.959 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 18798
Ion Ratio Lower Upper
107 100
109 96.6 77.5 116.3

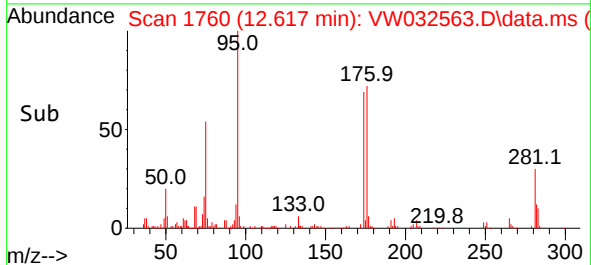
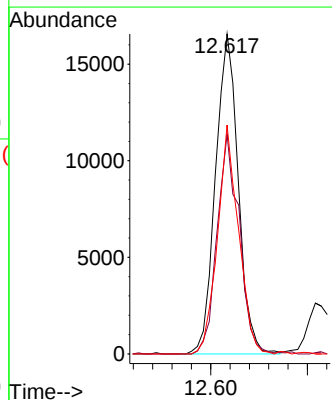
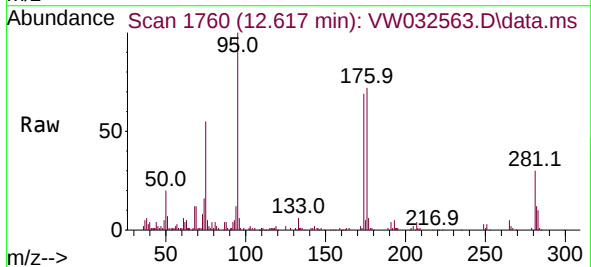
Manual Integrations
APPROVED

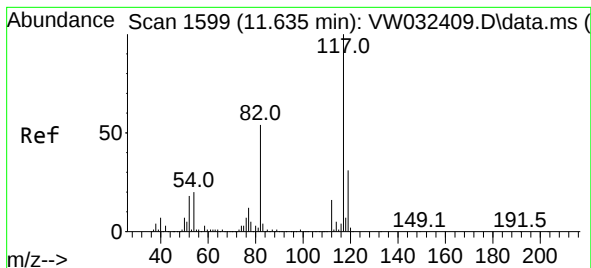
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#62
4-Bromofluorobenzene
Concen: 4.567 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

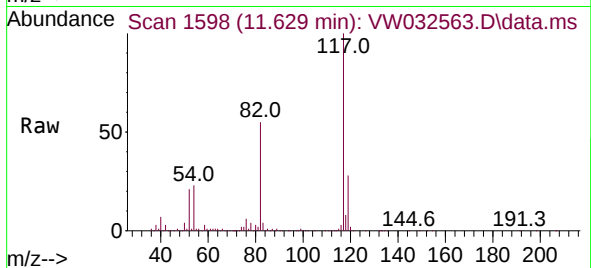
Tgt Ion: 95 Resp: 27064
Ion Ratio Lower Upper
95 100
174 67.1 0.0 141.2
176 66.1 0.0 130.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

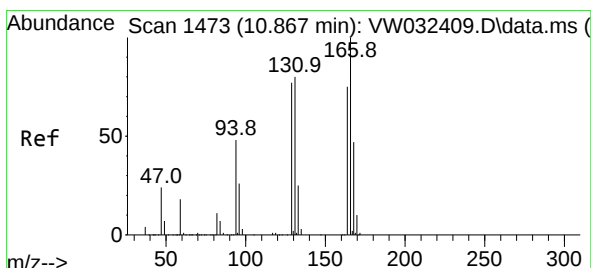
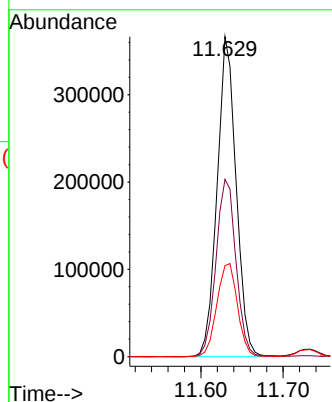
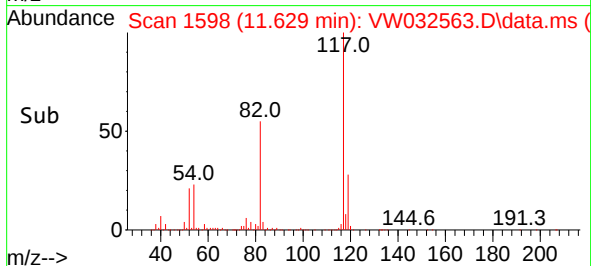
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 587963
Ion Ratio Lower Upper
117 100
82 55.4 45.9 68.9
119 28.4 26.3 39.5

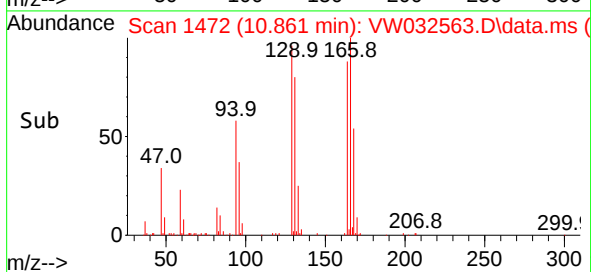
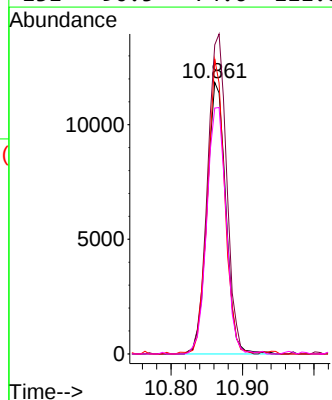
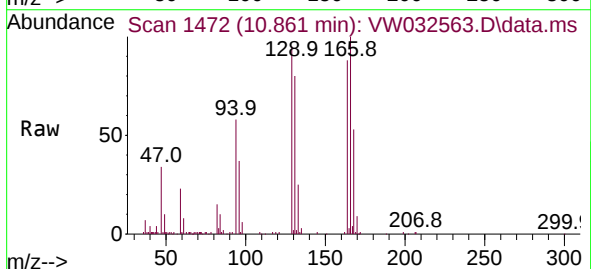
Manual Integrations
APPROVED

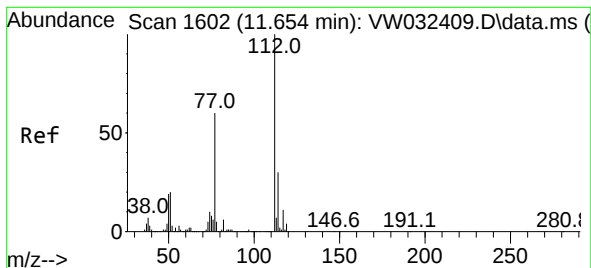
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 5.492 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

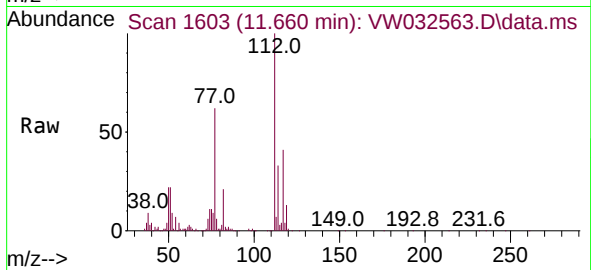
Tgt Ion:164 Resp: 21537
Ion Ratio Lower Upper
164 100
166 113.8 97.3 145.9
129 108.5 75.7 113.5
131 90.5 74.6 111.8





#65
Chlorobenzene
Concen: 4.993 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

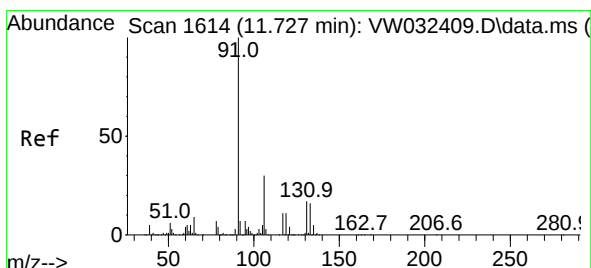
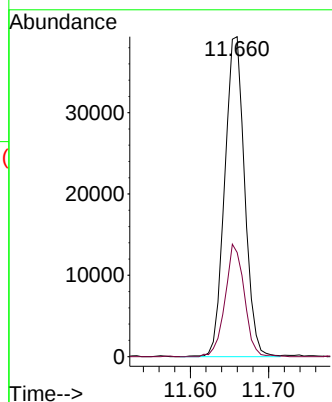
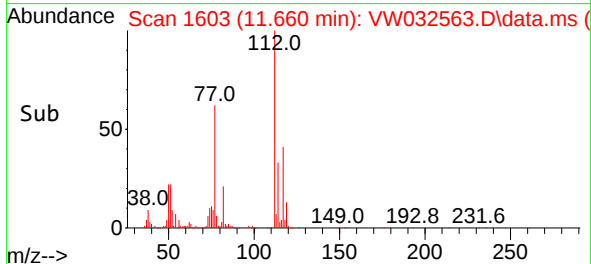
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



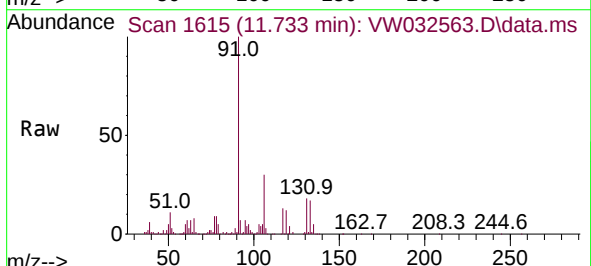
Tgt Ion:112 Resp: 69373
Ion Ratio Lower Upper
112 100
114 32.5 24.9 37.3

Manual Integrations
APPROVED

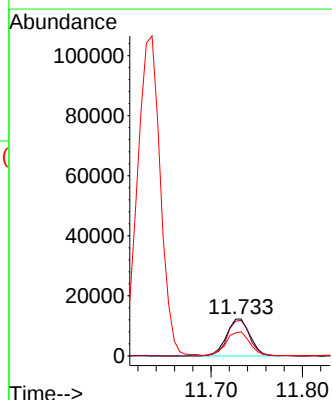
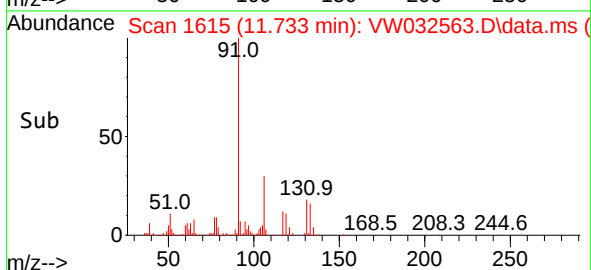
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

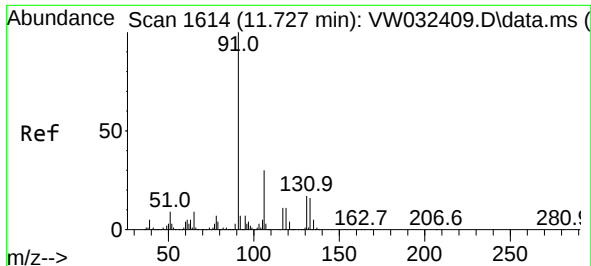


#66
1,1,1,2-Tetrachloroethane
Concen: 5.114 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32



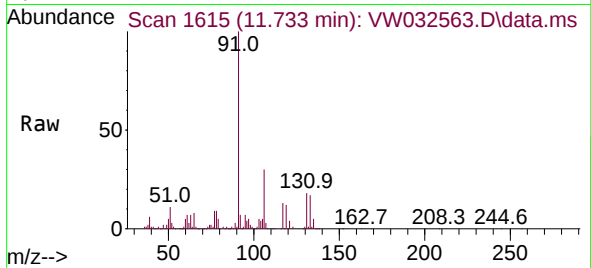
Tgt Ion:131 Resp: 21976
Ion Ratio Lower Upper
131 100
133 93.5 47.4 142.3
119 65.8 32.2 96.6





#67
Ethyl Benzene
Concen: 4.735 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

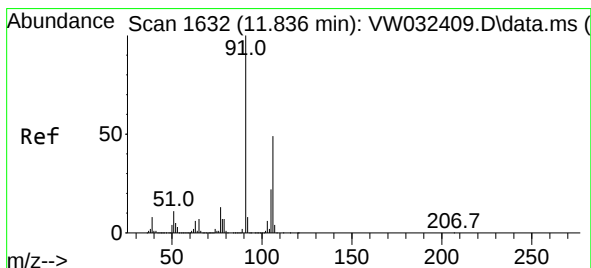
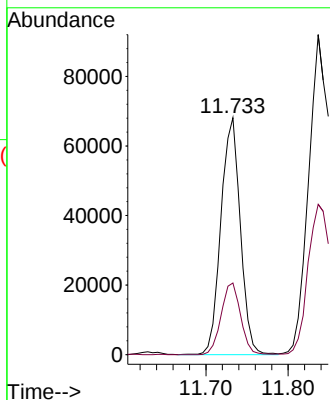
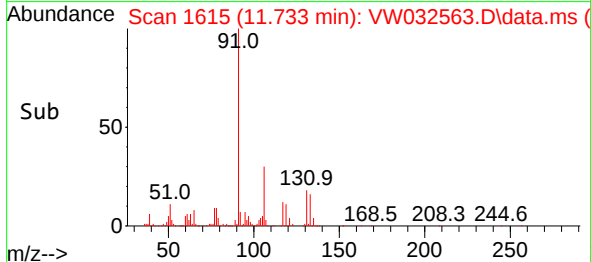
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



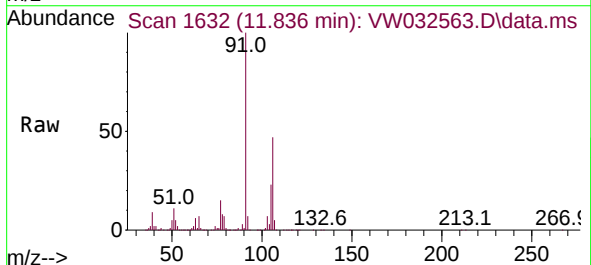
Tgt Ion: 91 Resp: 111660
Ion Ratio Lower Upper
91 100
106 30.2 23.0 34.6

Manual Integrations
APPROVED

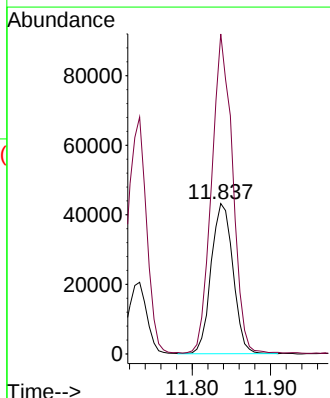
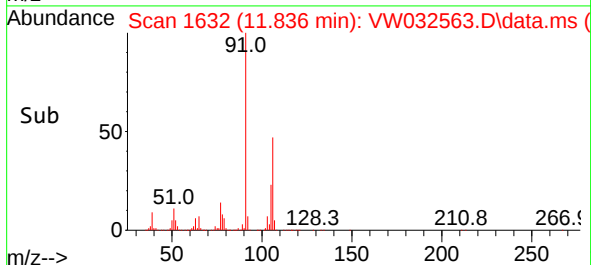
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

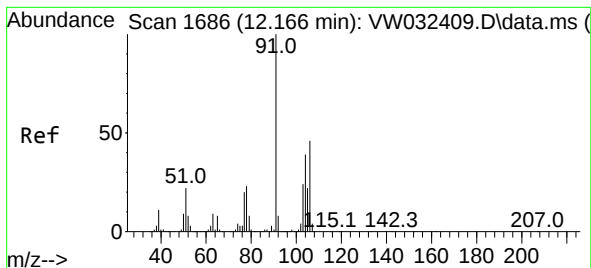


#68
m/p-Xylenes
Concen: 9.338 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32



Tgt Ion:106 Resp: 83714
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





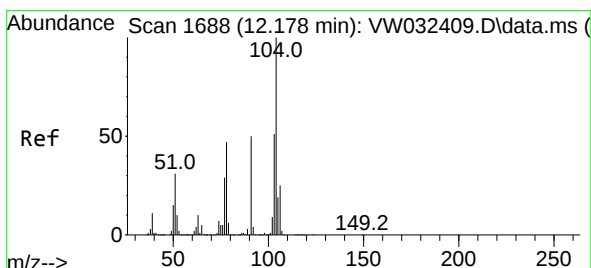
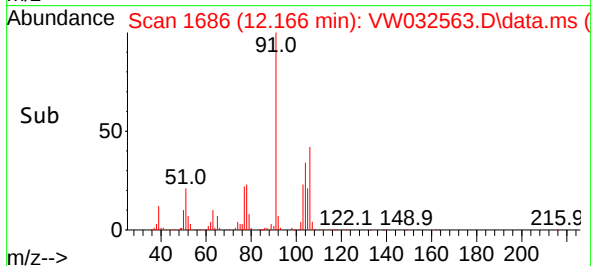
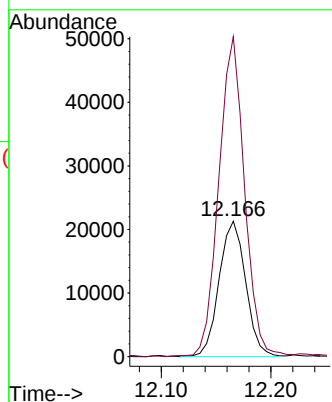
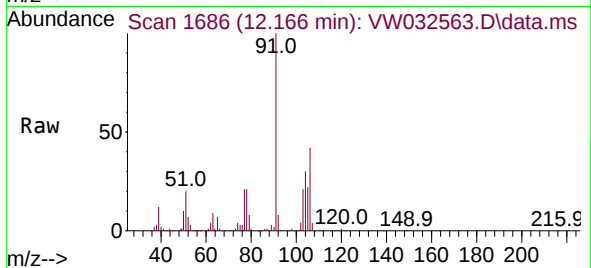
#69
o-Xylene
Concen: 4.371 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 35889
Ion Ratio Lower Upper
106 100
91 229.3 104.1 312.3

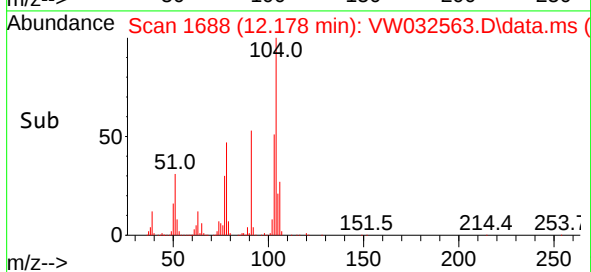
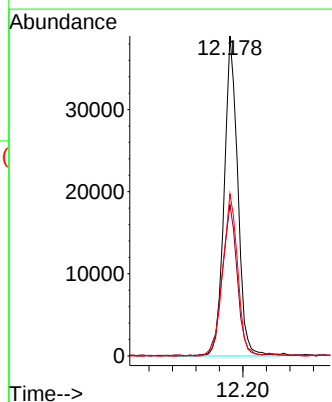
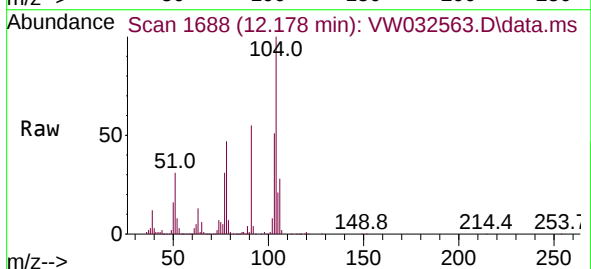
Manual Integrations
APPROVED

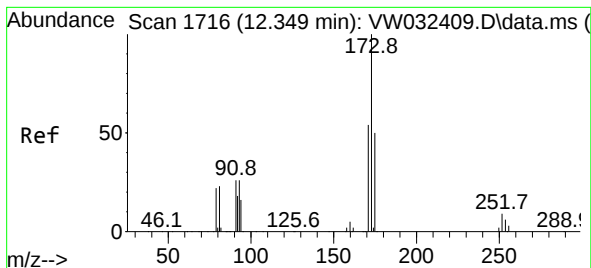
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 4.355 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion:104 Resp: 62715
Ion Ratio Lower Upper
104 100
78 52.3 40.8 61.2
103 55.5 43.3 64.9





#71

Bromoform

Concen: 4.703 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032563.D

Acq: 03 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

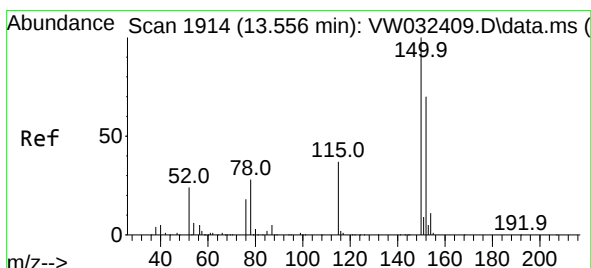
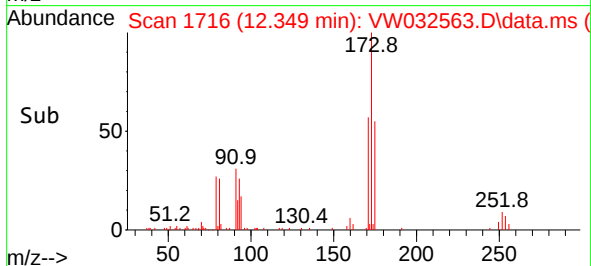
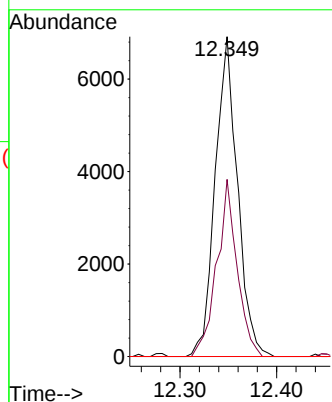
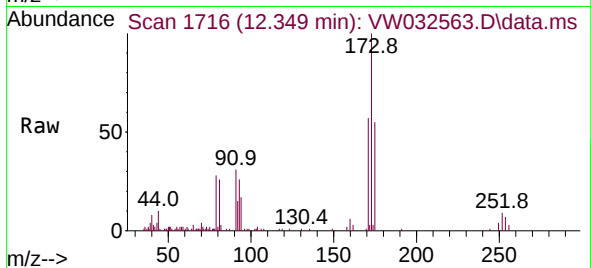
Tgt Ion:	173	Resp:	1111
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.6	74.0
254	0.0	0.2	0.2

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

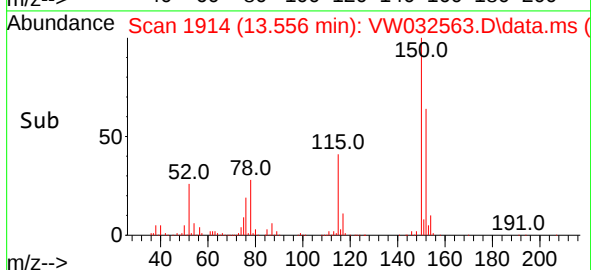
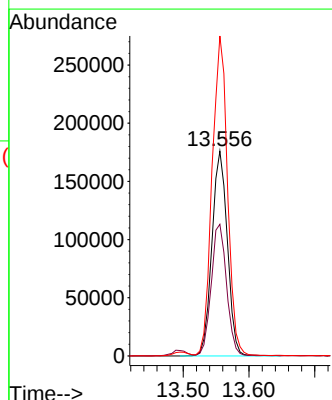
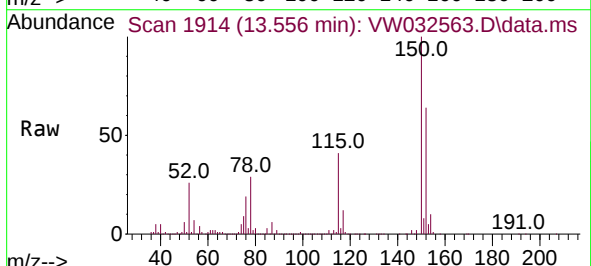
RT: 13.556 min Scan# 1914

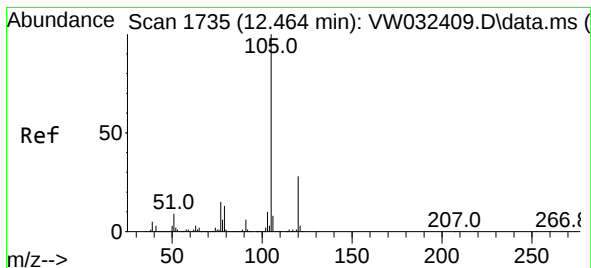
Delta R.T. -0.000 min

Lab File: VW032563.D

Acq: 03 Dec 2025 11:32

Tgt Ion:	152	Resp:	285243
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.1	93.3
150	155.2	0.0	351.2





#73

Isopropylbenzene

Concen: 4.407 ug/l

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW032563.D

Acq: 03 Dec 2025 11:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 93249

Ion Ratio Lower Upper

105 100

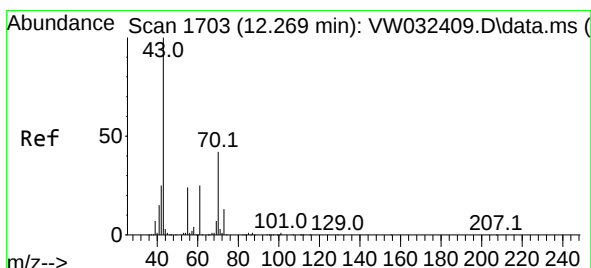
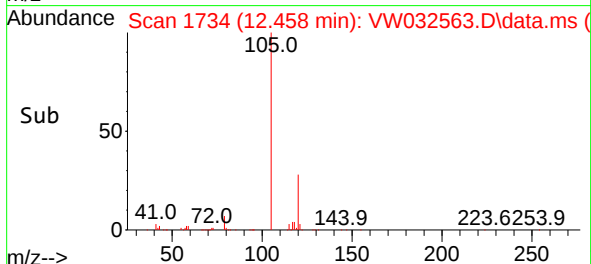
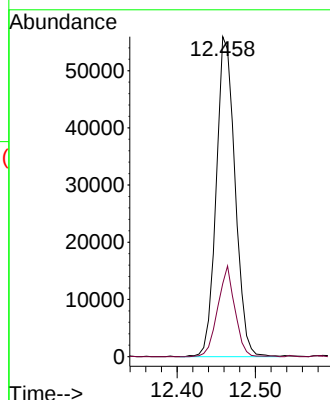
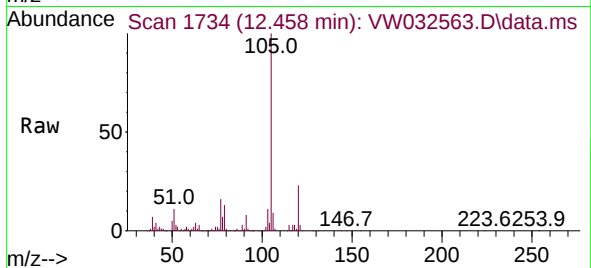
120 25.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#74

N-ethyl acetate

Concen: 4.186 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032563.D

Acq: 03 Dec 2025 11:32

Tgt Ion: 43 Resp: 29321

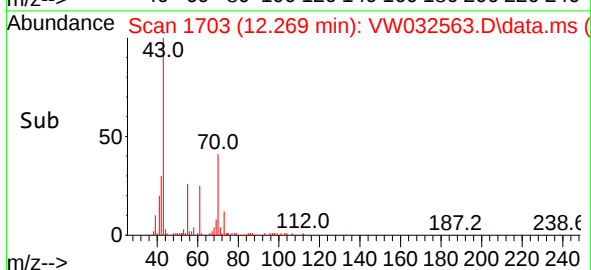
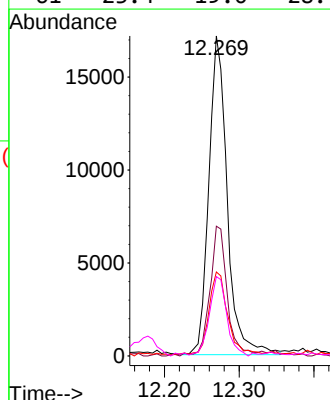
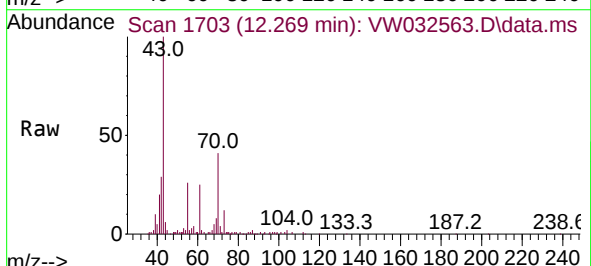
Ion Ratio Lower Upper

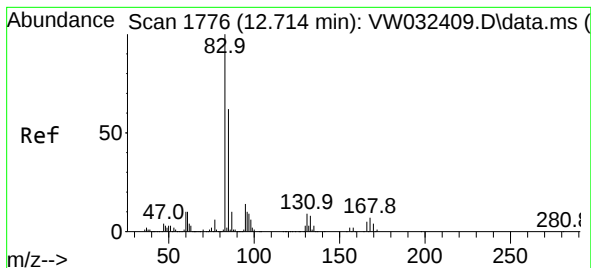
43 100

70 38.2 32.6 48.8

55 26.8 19.7 29.5

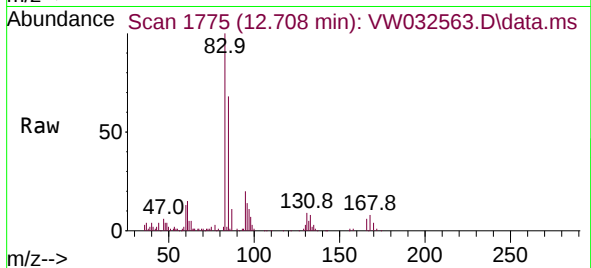
61 23.4 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 4.927 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

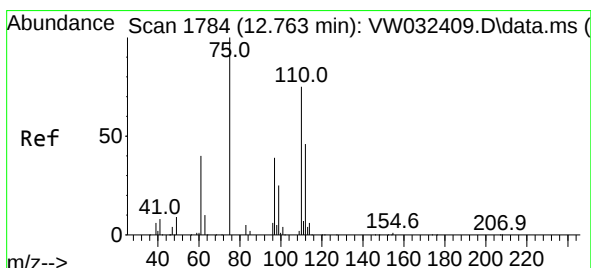
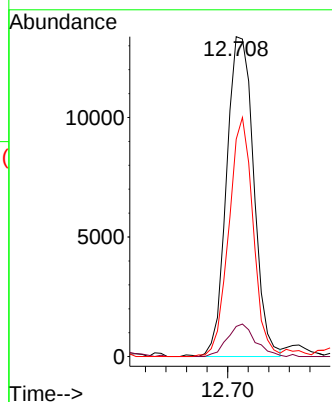
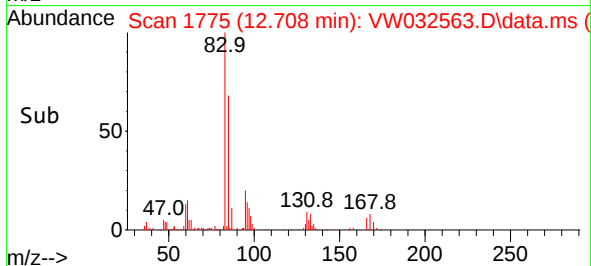
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



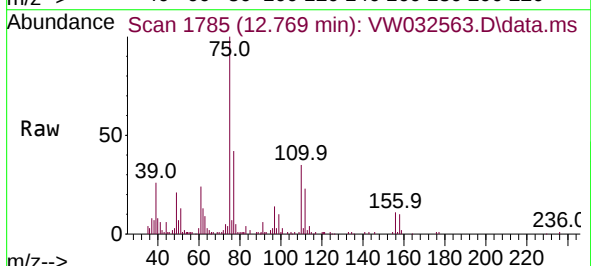
Tgt Ion: 83 Resp: 24544
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 66.8 32.5 97.4

Manual Integrations
APPROVED

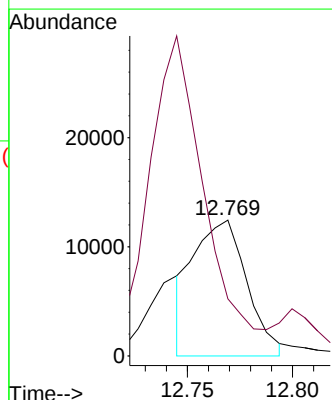
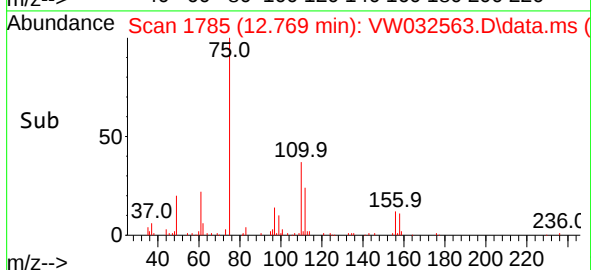
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

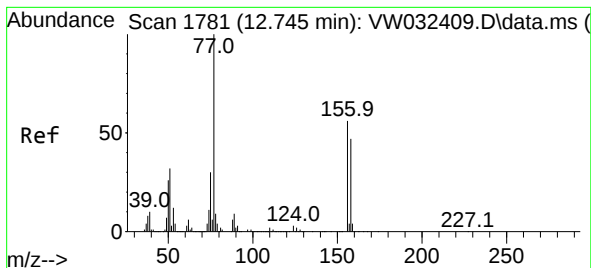


#76
1,2,3-Trichloropropane
Concen: 5.658 ug/l m
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32



Tgt Ion: 75 Resp: 21994
Ion Ratio Lower Upper
75 100
77 55.8 148.2 444.4#





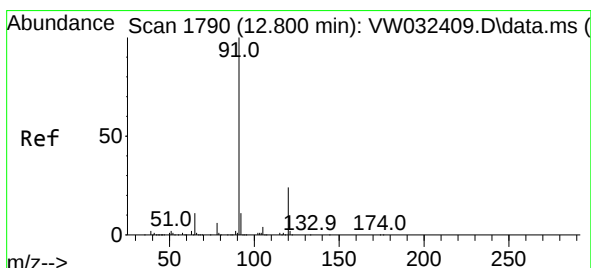
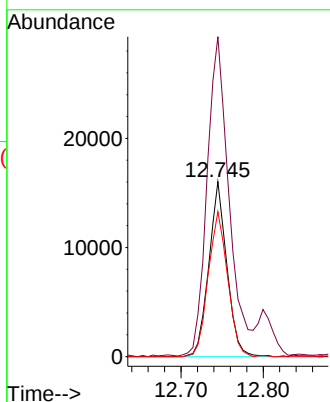
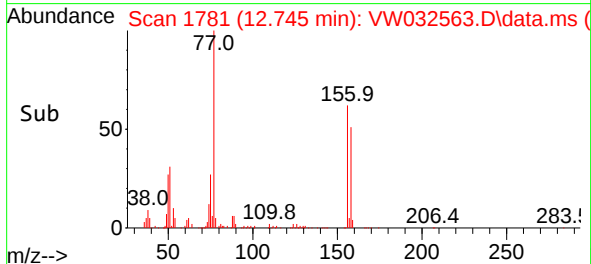
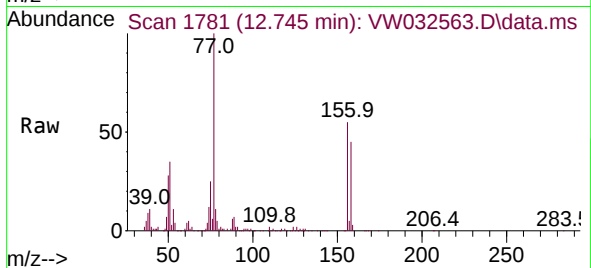
#77
Bromobenzene
Concen: 4.896 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 24491
Ion Ratio Lower Upper
156 100
77 221.5 115.9 347.7
158 88.8 50.7 152.1

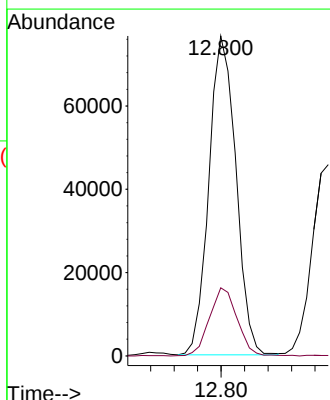
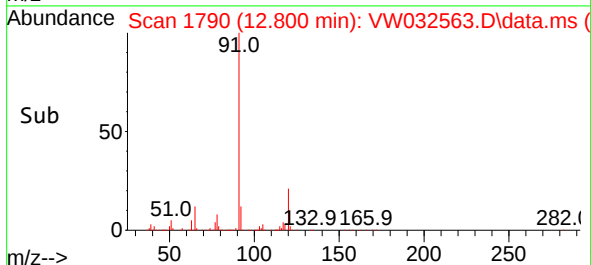
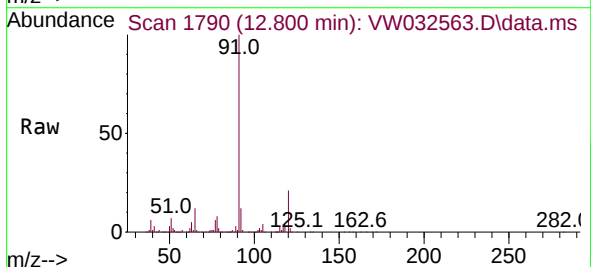
Manual Integrations
APPROVED

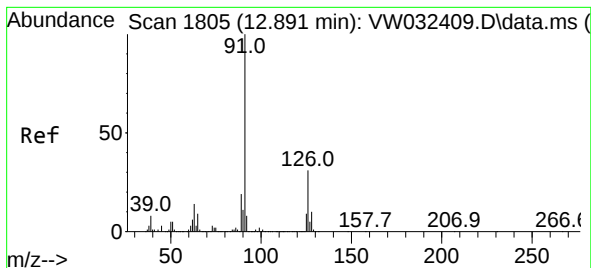
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#78
n-propylbenzene
Concen: 4.532 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 91 Resp: 122353
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4





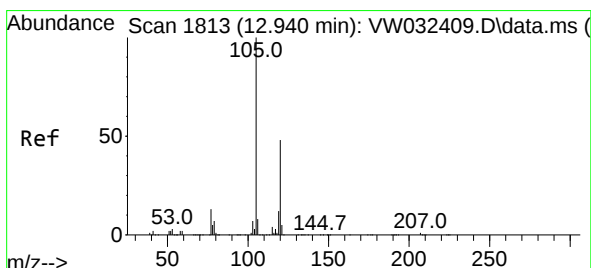
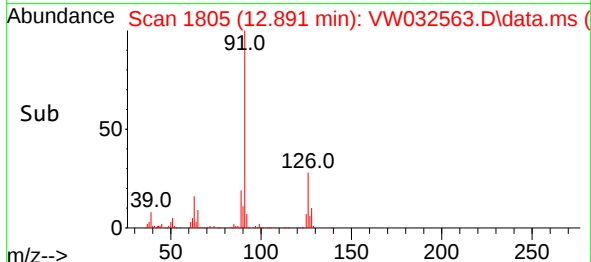
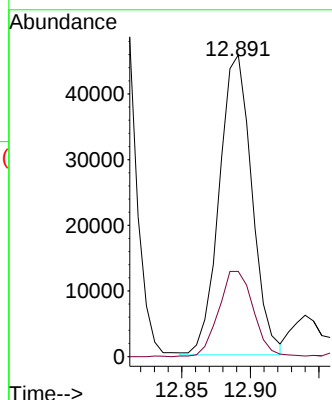
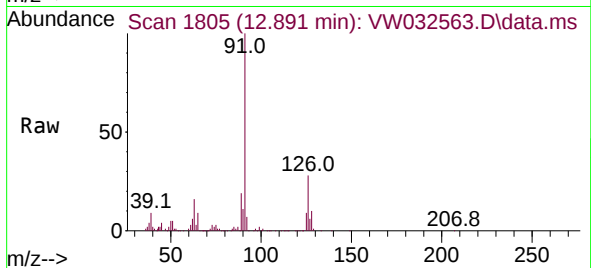
#79
2-Chlorotoluene
Concen: 4.715 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 75884
Ion Ratio Lower Upper
91 100
126 30.2 15.7 47.0

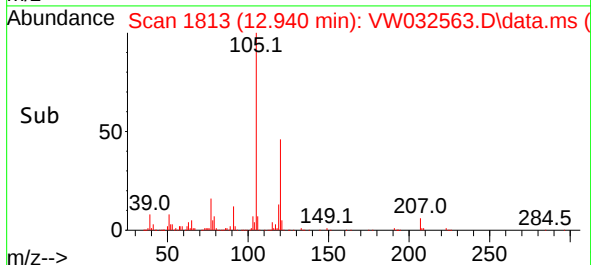
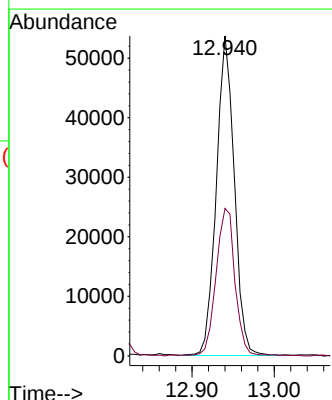
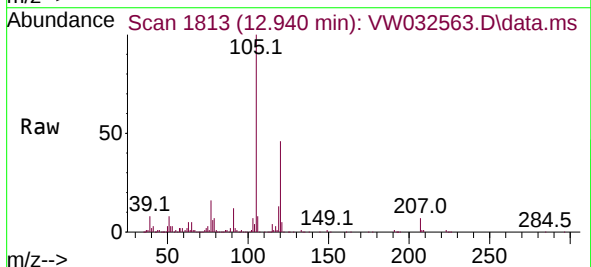
Manual Integrations
APPROVED

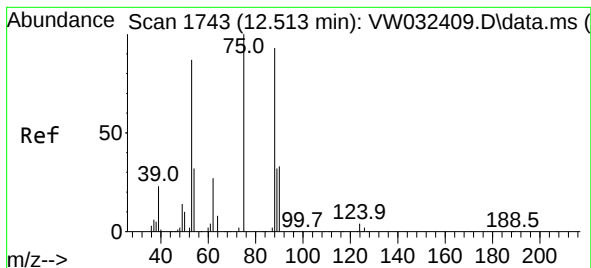
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.508 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion:105 Resp: 81387
Ion Ratio Lower Upper
105 100
120 48.9 23.8 71.4





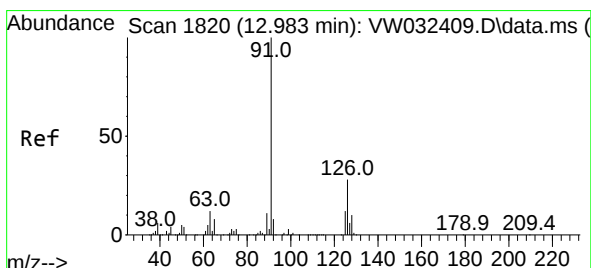
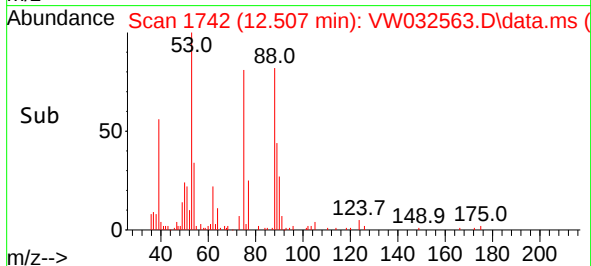
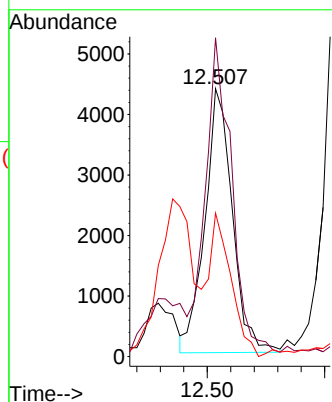
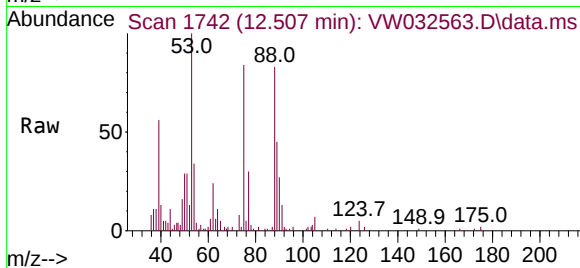
#81
trans-1,4-Dichloro-2-butene
Concen: 4.309 ug/l
RT: 12.507 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 7071
Ion Ratio Lower Upper
75 100
53 112.7 80.8 121.2
89 43.3 31.4 47.2

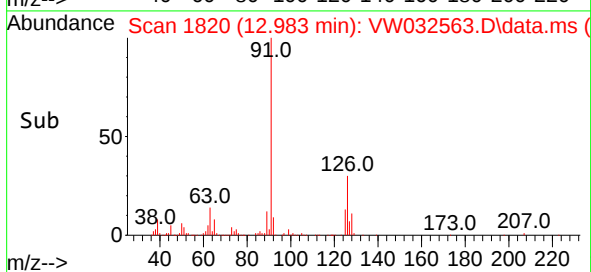
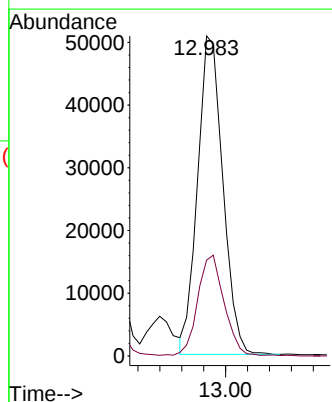
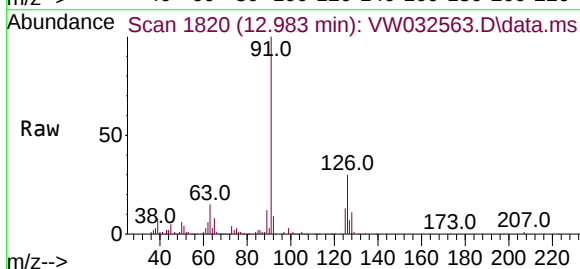
Manual Integrations
APPROVED

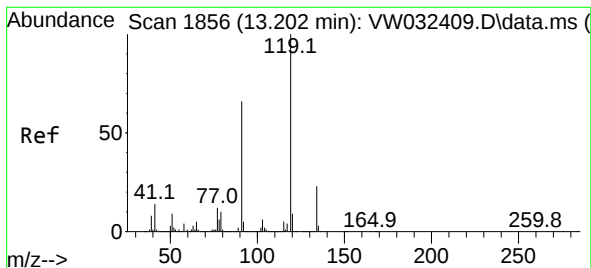
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 4.733 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion: 91 Resp: 81465
Ion Ratio Lower Upper
91 100
126 33.2 15.6 46.7





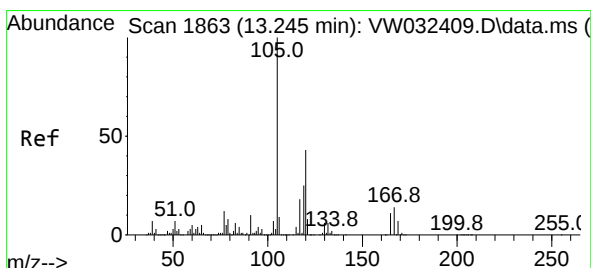
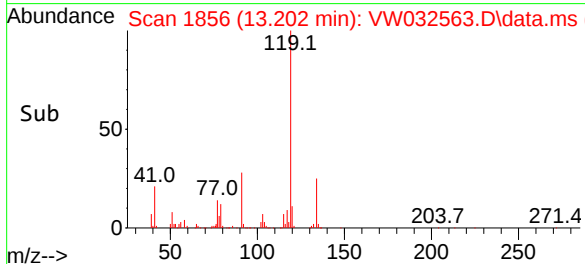
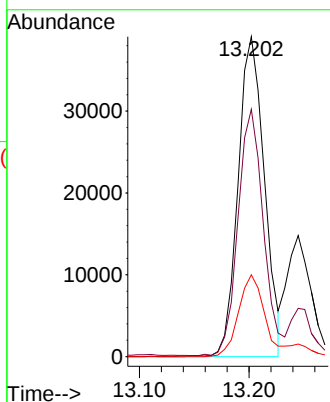
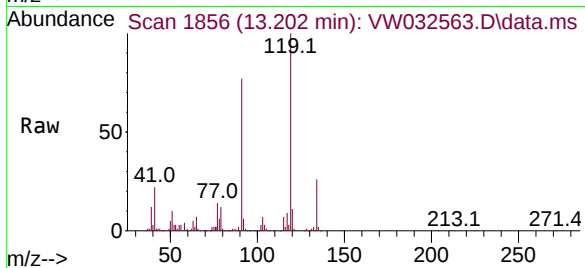
#83
tert-Butylbenzene
Concen: 4.368 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 65043
Ion Ratio Lower Upper
119 100
91 74.6 34.6 103.9
134 25.3 12.5 37.5

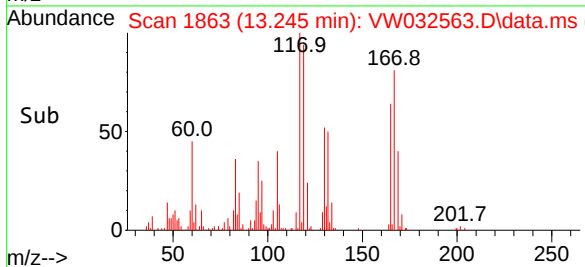
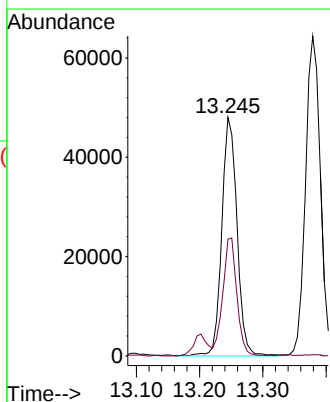
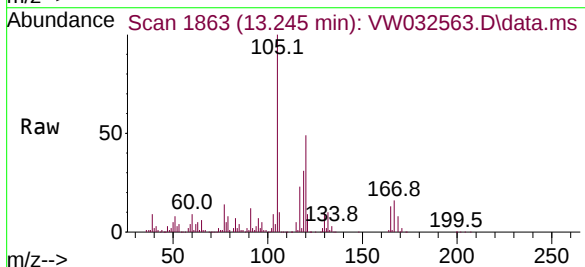
Manual Integrations
APPROVED

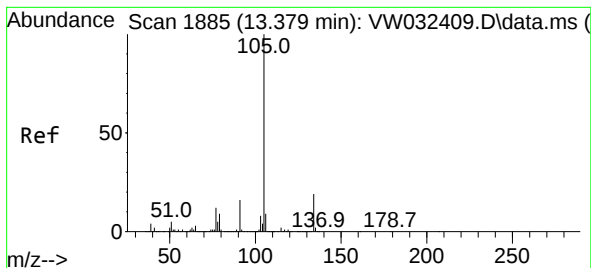
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.459 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion:105 Resp: 80428
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





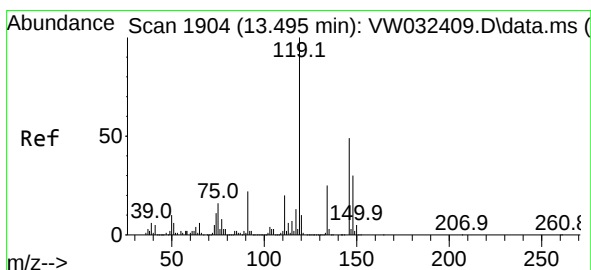
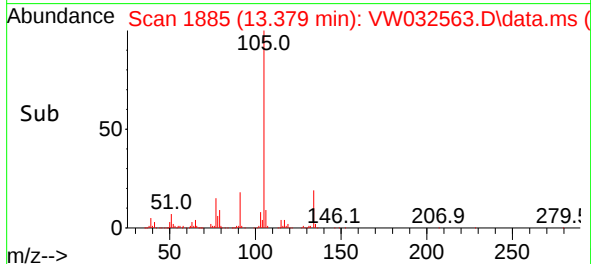
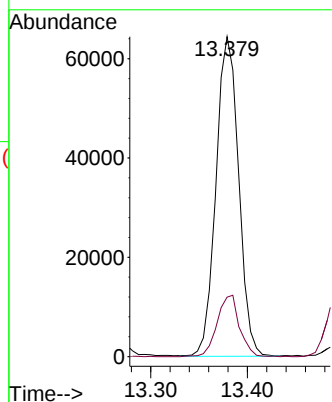
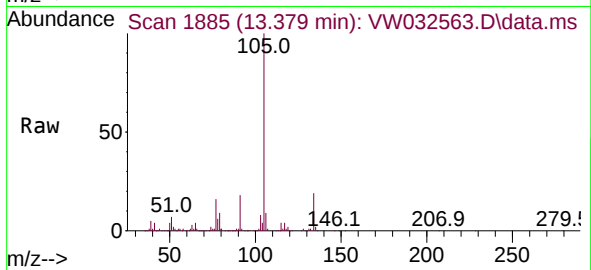
#85
 sec-Butylbenzene
 Concen: 4.575 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032563.D
 Acq: 03 Dec 2025 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 105074
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3

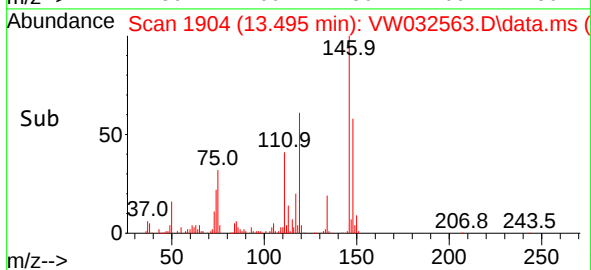
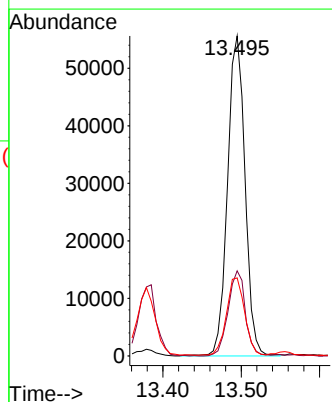
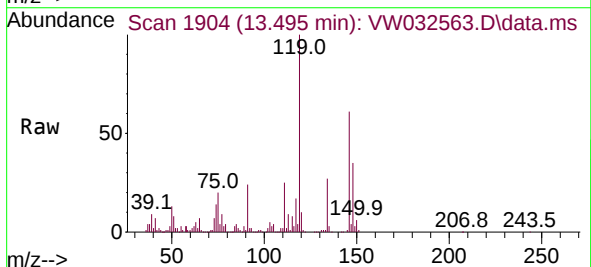
Manual Integrations
 APPROVED

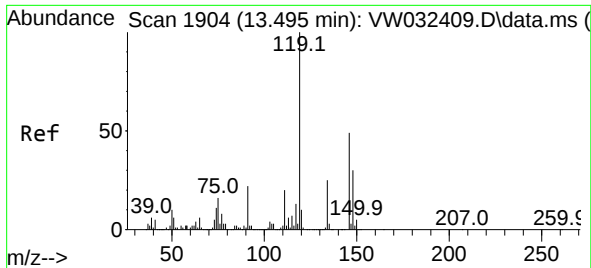
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#86
 p-Isopropyltoluene
 Concen: 4.557 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032563.D
 Acq: 03 Dec 2025 11:32

Tgt Ion:119 Resp: 86209
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 25.2 12.3 36.9





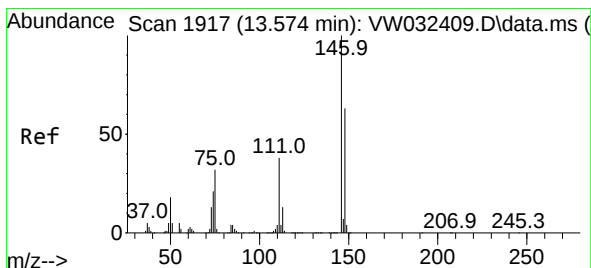
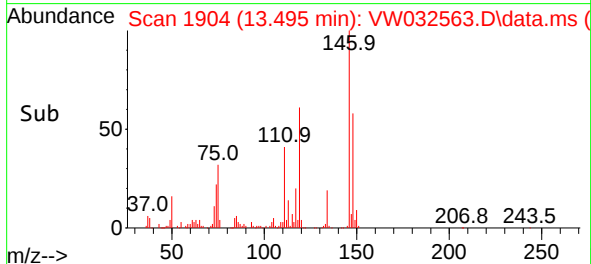
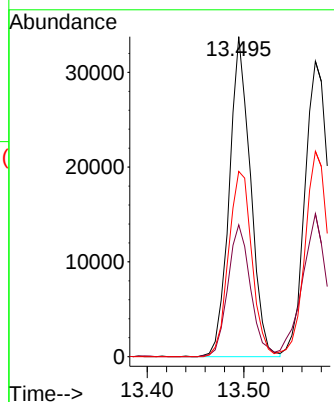
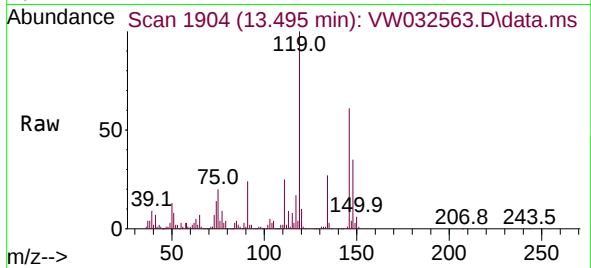
#87
1,3-Dichlorobenzene
Concen: 5.042 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5156
Ion Ratio Lower Upper
146 100
111 43.9 21.6 64.6
148 63.3 31.9 95.9

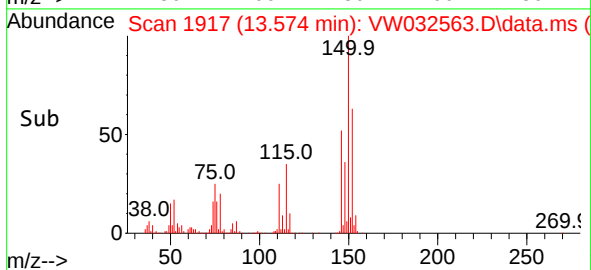
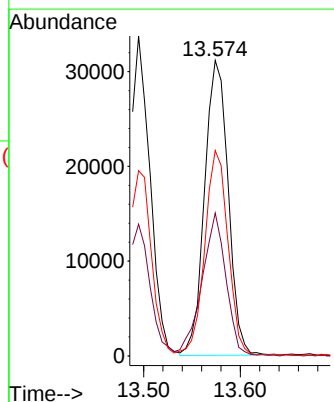
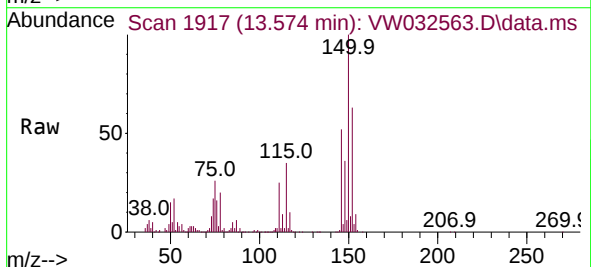
Manual Integrations
APPROVED

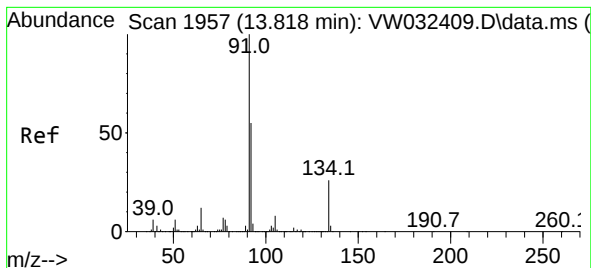
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#88
1,4-Dichlorobenzene
Concen: 5.198 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion:146 Resp: 52767
Ion Ratio Lower Upper
146 100
111 49.6 20.8 62.5
148 68.9 31.4 94.3





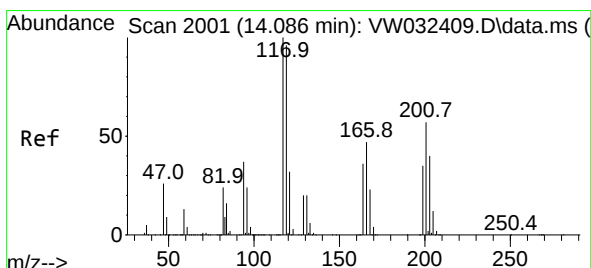
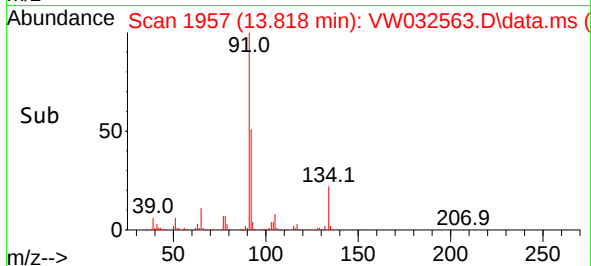
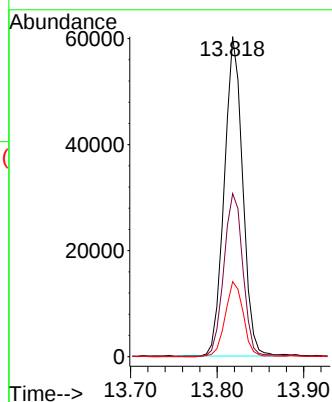
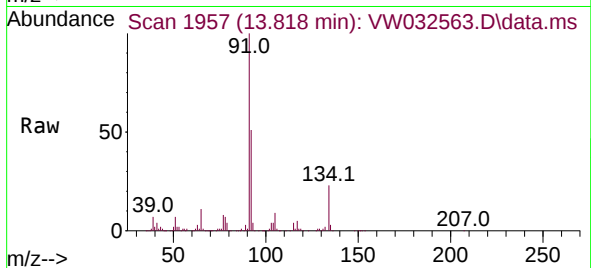
#89
n-Butylbenzene
Concen: 4.648 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	91	Resp:	89295
Ion Ratio	Lower	Upper	
91	100		
92	53.4	27.1	81.3
134	23.2	12.4	37.0

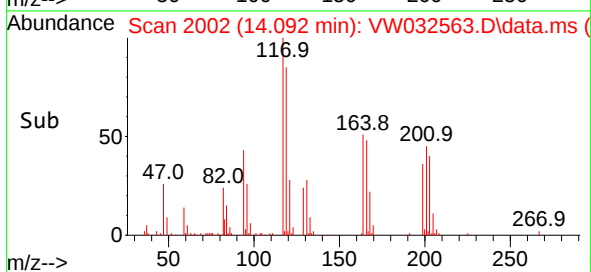
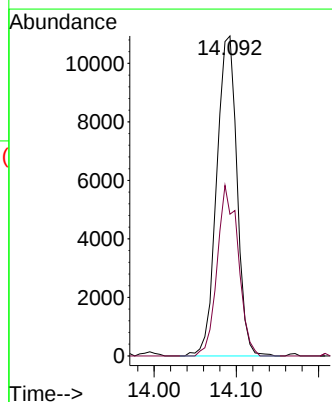
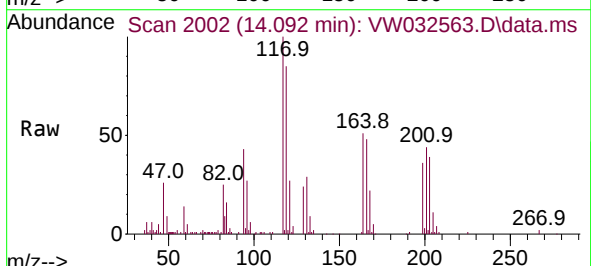
Manual Integrations
APPROVED

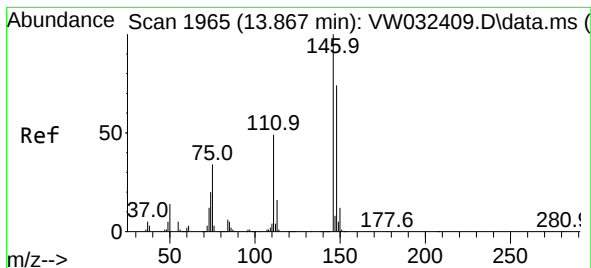
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 5.187 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion:	117	Resp:	18792
Ion Ratio	Lower	Upper	
117	100		
201	54.8	29.5	88.6





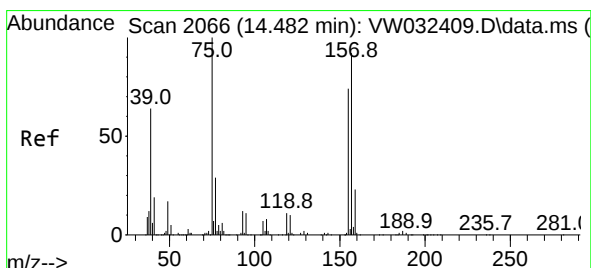
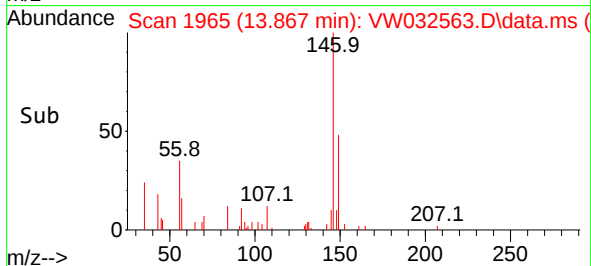
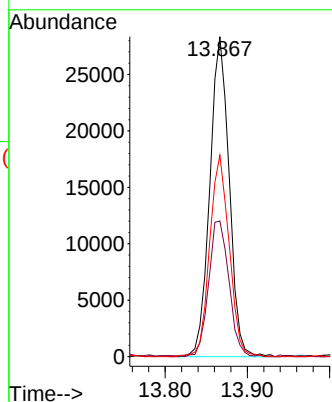
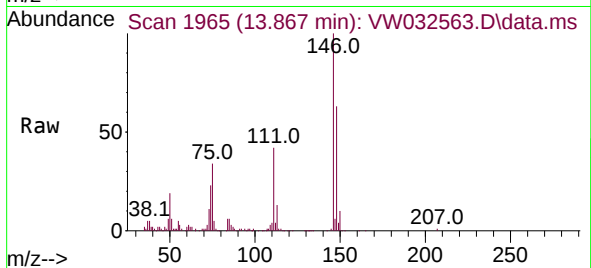
#91
1,2-Dichlorobenzene
Concen: 5.163 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 46318
Ion Ratio Lower Upper
146 100
111 44.5 22.8 68.3
148 63.4 32.6 97.7

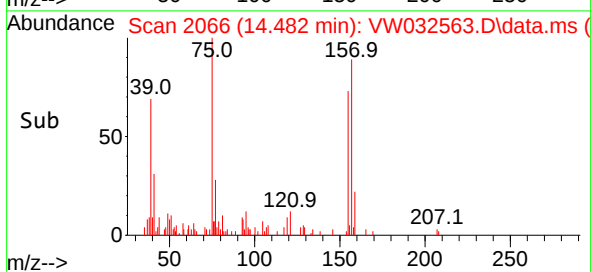
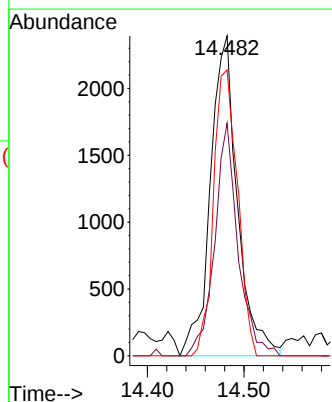
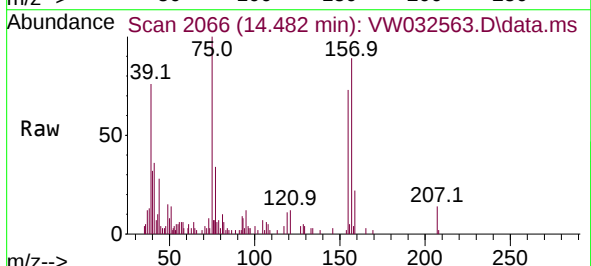
Manual Integrations
APPROVED

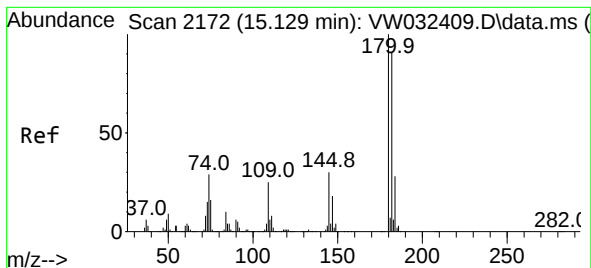
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.423 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

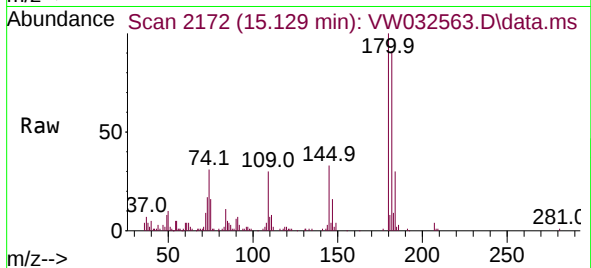
Tgt Ion: 75 Resp: 4657
Ion Ratio Lower Upper
75 100
155 62.7 34.6 103.9
157 79.0 44.4 133.2





#93
1,2,4-Trichlorobenzene
Concen: 4.842 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

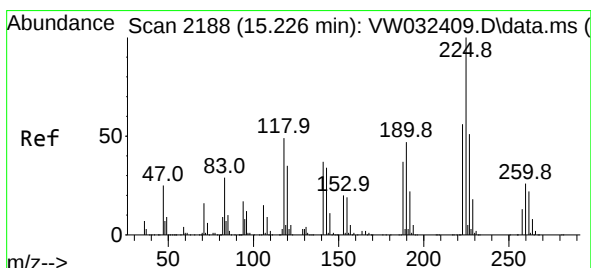
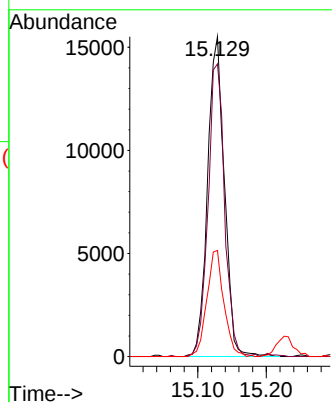
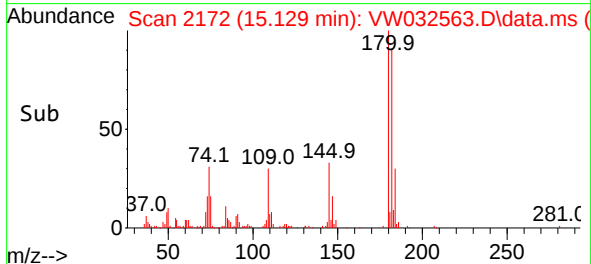
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



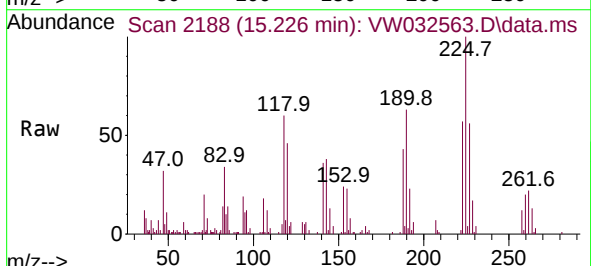
Tgt Ion:180 Resp: 2645
Ion Ratio Lower Upper
180 100
182 90.4 48.1 144.3
145 33.6 17.1 51.3

Manual Integrations
APPROVED

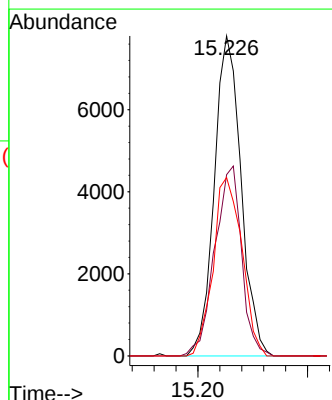
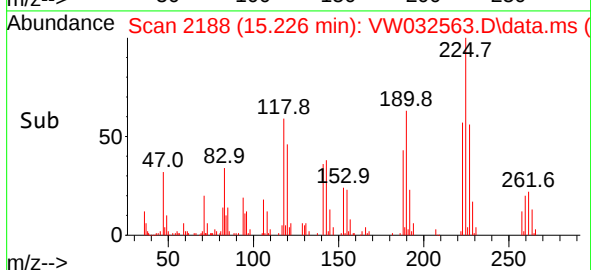
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

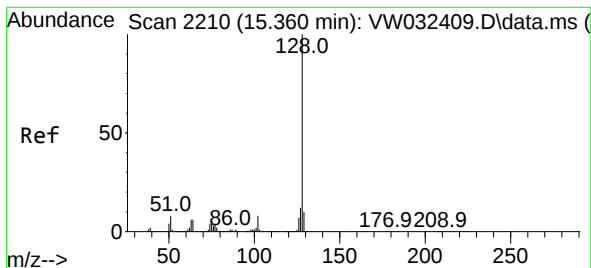


#94
Hexachlorobutadiene
Concen: 5.259 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.006 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32



Tgt Ion:225 Resp: 13225
Ion Ratio Lower Upper
225 100
223 59.3 30.3 91.0
227 59.9 30.7 92.1





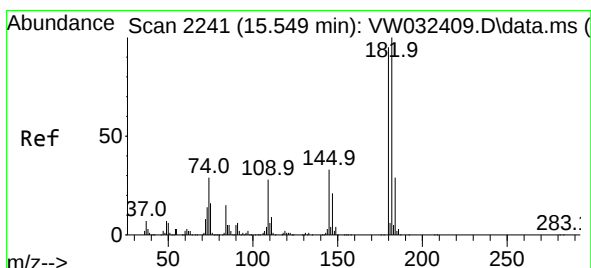
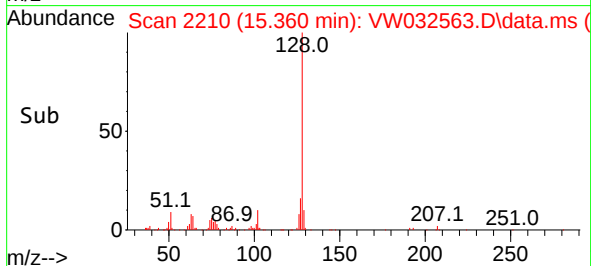
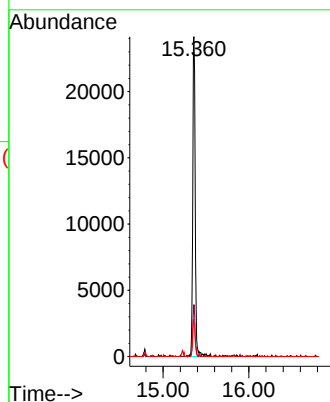
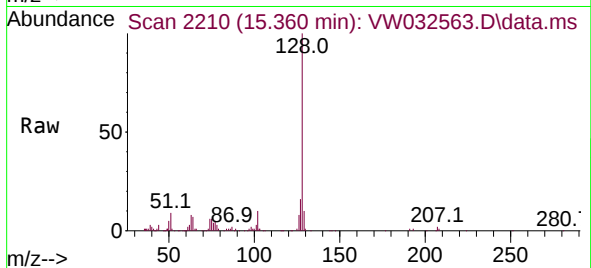
#95
Naphthalene
Concen: 4.035 ug/l m
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 49446
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 10.8 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: 4.650 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW032563.D
Acq: 03 Dec 2025 11:32

Tgt Ion:180 Resp: 23081
Ion Ratio Lower Upper
180 100
182 97.4 48.0 144.2
145 35.7 17.8 53.4

