

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032258.D
 Acq On : 25 Sep 2025 10:45
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:46:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:41:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	238142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	445366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	431495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	209227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	21096	5.610	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	11.220%#		
35) Dibromofluoromethane	7.904	113	17518	5.469	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.940%#		
50) Toluene-d8	10.330	98	59424	5.148	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	10.300%#		
62) 4-Bromofluorobenzene	12.617	95	22506	5.169	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	10.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.045	85	9243	5.618	ug/l	93
3) Chloromethane	2.259	50	12861	5.462	ug/l	92
4) Vinyl Chloride	2.411	62	14540	5.285	ug/l #	88
5) Bromomethane	2.826	94	9604	5.112	ug/l	99
6) Chloroethane	2.972	64	9905	5.313	ug/l	98
7) Trichlorofluoromethane	3.307	101	9495	4.581	ug/l #	82
8) Diethyl Ether	3.722	74	11315	5.773	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.106	101	14114	5.334	ug/l	96
10) Methyl Iodide	4.319	142	17823	4.980	ug/l	98
11) Tert butyl alcohol	5.228	59	7211	27.627	ug/l	95
12) 1,1-Dichloroethene	4.082	96	14162	5.007	ug/l	93
13) Acrolein	3.935	56	12892	27.751	ug/l	94
14) Allyl chloride	4.703	41	21706	4.945	ug/l	98
15) Acrylonitrile	5.417	53	25755	25.513	ug/l	96
16) Acetone	4.167	43	25773	26.689	ug/l	97
17) Carbon Disulfide	4.423	76	32473	4.994	ug/l	98
18) Methyl Acetate	4.716	43	15180	4.571	ug/l	97
19) Methyl tert-butyl Ether	5.465	73	25133	4.794	ug/l	98
20) Methylene Chloride	4.966	84	41876	5.253	ug/l	96
21) trans-1,2-Dichloroethene	5.465	96	15086	4.946	ug/l	89
22) Diisopropyl ether	6.343	45	45086	4.622	ug/l #	86
23) Vinyl Acetate	6.289	43	145249	23.148	ug/l	96
24) 1,1-Dichloroethane	6.246	63	31274	5.079	ug/l	99
25) 2-Butanone	7.197	43	33552	24.927	ug/l	91
26) 2,2-Dichloropropane	7.185	77	15711	5.178	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	19129	5.043	ug/l	99
28) Bromochloromethane	7.532	49	15762	5.365	ug/l #	100
29) Tetrahydrofuran	7.563	42	21353	24.436	ug/l	95
30) Chloroform	7.691	83	33349	5.191	ug/l	91
31) Cyclohexane	7.965	56	26952	5.551	ug/l #	82
32) 1,1,1-Trichloroethane	7.886	97	22073	5.100	ug/l #	75
36) 1,1-Dichloropropene	8.093	75	21420	4.960	ug/l	96
37) Ethyl Acetate	7.288	43	13922	4.861	ug/l #	80
38) Carbon Tetrachloride	8.087	117	19674	4.843	ug/l #	87
39) Methylcyclohexane	9.343	83	22561	4.515	ug/l	97
40) Benzene	8.337	78	66943	4.925	ug/l	98

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:46:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:41:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	7461	4.549	ug/l	93
42) 1,2-Dichloroethane	8.416	62	24254	5.368	ug/l	100
43) Isopropyl Acetate	8.441	43	24619	4.802	ug/l	99
44) Trichloroethene	9.099	130	15290	4.813	ug/l	98
45) 1,2-Dichloropropane	9.373	63	17431	4.951	ug/l	95
46) Dibromomethane	9.471	93	11428	5.280	ug/l	96
47) Bromodichloromethane	9.654	83	24435	4.950	ug/l	96
48) Methyl methacrylate	9.446	41	10520	4.362	ug/l	92
49) 1,4-Dioxane	9.471	88	2525	87.105	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	72902	23.984	ug/l	96
52) Toluene	10.391	92	39810	4.725	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	19584	4.330	ug/l	94
54) cis-1,3-Dichloropropene	10.081	75	23388	4.479	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	15277	5.171	ug/l	98
56) Ethyl methacrylate	10.647	69	16129	4.145	ug/l	97
57) 1,3-Dichloropropane	10.934	76	25050	4.908	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.928	63	45909	21.490	ug/l	99
59) 2-Hexanone	10.971	43	47919	23.086	ug/l	93
60) Dibromochloromethane	11.129	129	15750	4.854	ug/l	99
61) 1,2-Dibromoethane	11.239	107	13807	4.933	ug/l	97
64) Tetrachloroethene	10.861	164	12819	4.875	ug/l #	89
65) Chlorobenzene	11.659	112	49447	4.975	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	15257	4.854	ug/l	99
67) Ethyl Benzene	11.733	91	73779	4.535	ug/l	98
68) m/p-Xylenes	11.842	106	55830	8.952	ug/l	93
69) o-Xylene	12.166	106	25456	4.343	ug/l	98
70) Styrene	12.178	104	42166	4.102	ug/l	97
71) Bromoform	12.348	173	8018	4.377	ug/l #	86
73) Isopropylbenzene	12.464	105	62880	4.318	ug/l	98
74) N-amyl acetate	12.269	43	20827	4.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	19979	5.233	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	15732m	4.781	ug/l	
77) Bromobenzene	12.745	156	17400	4.858	ug/l	93
78) n-propylbenzene	12.800	91	82458	4.508	ug/l	99
79) 2-Chlorotoluene	12.891	91	50795	4.584	ug/l	96
80) 1,3,5-Trimethylbenzene	12.940	105	53227	4.275	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	4797	4.329	ug/l	87
82) 4-Chlorotoluene	12.989	91	52940	4.521	ug/l	98
83) tert-Butylbenzene	13.202	119	45943	4.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	53509	4.233	ug/l	96
85) sec-Butylbenzene	13.379	105	69549	4.448	ug/l	99
86) p-Isopropyltoluene	13.495	119	56914	4.395	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	35563	5.020	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	37891	5.235	ug/l	96
89) n-Butylbenzene	13.818	91	57629	4.434	ug/l	97
90) Hexachloroethane	14.086	117	11800	4.889	ug/l	96
91) 1,2-Dichlorobenzene	13.866	146	33197	5.009	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	3485	5.336	ug/l	82
93) 1,2,4-Trichlorobenzene	15.122	180	17792	4.525	ug/l	98
94) Hexachlorobutadiene	15.232	225	9652	5.345	ug/l	89
95) Naphthalene	15.360	128	38646	4.095	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	16886	4.619	ug/l	94

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Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

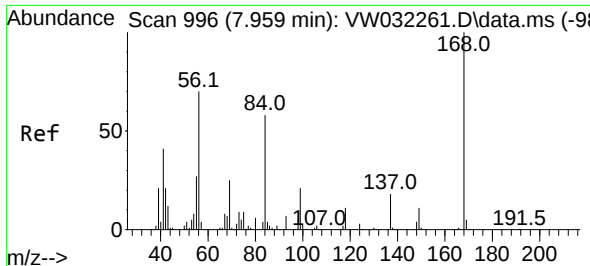
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

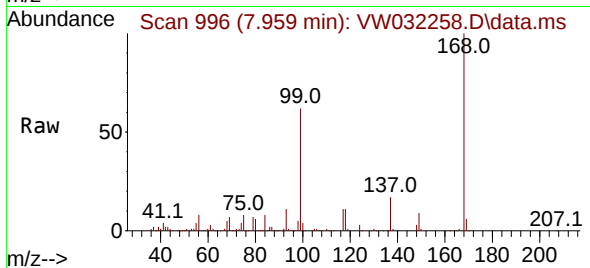
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

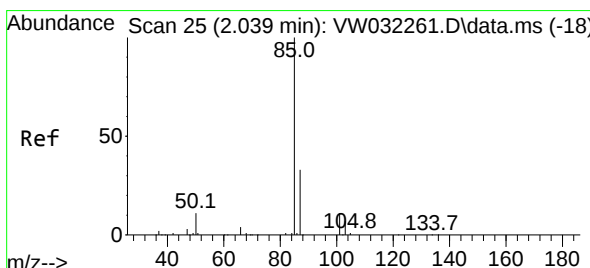
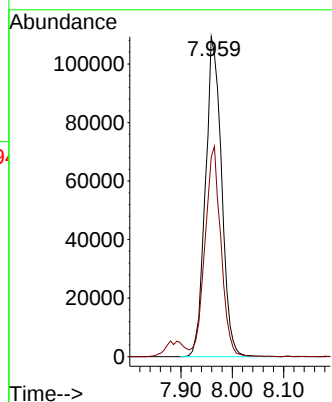
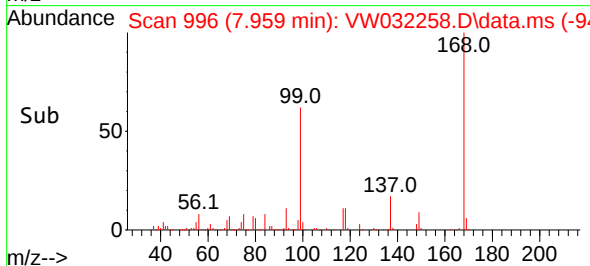
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 23814
Ion Ratio Lower Upper
168 100
99 62.4 55.0 82.4

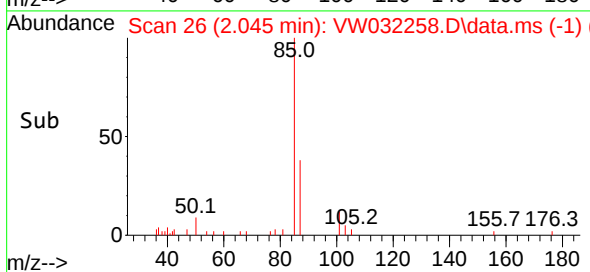
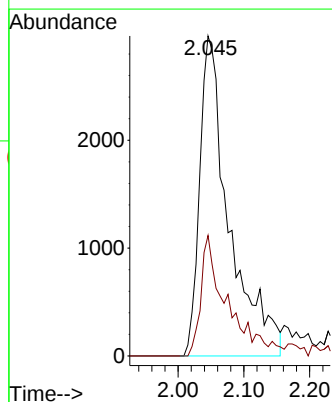
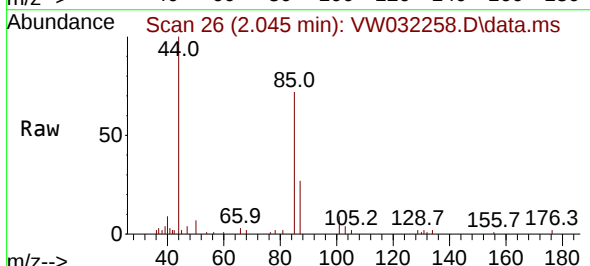
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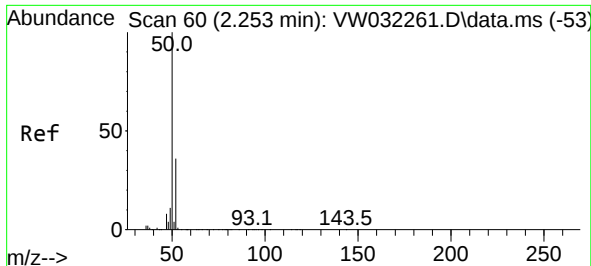
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#2
Dichlorodifluoromethane
Concen: 5.618 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 85 Resp: 9243
Ion Ratio Lower Upper
85 100
87 37.6 16.7 50.1





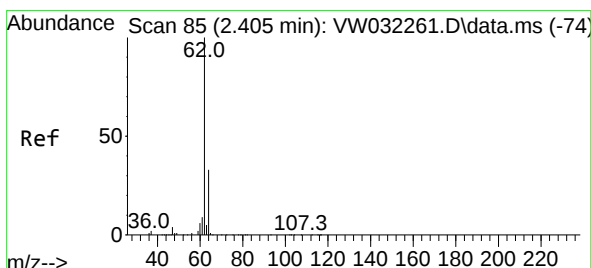
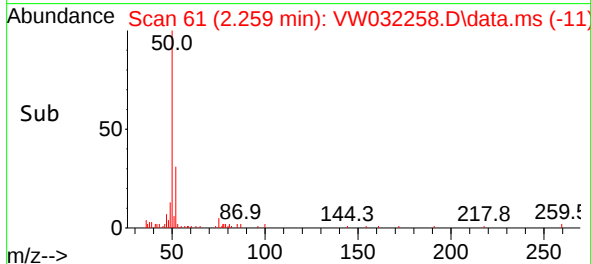
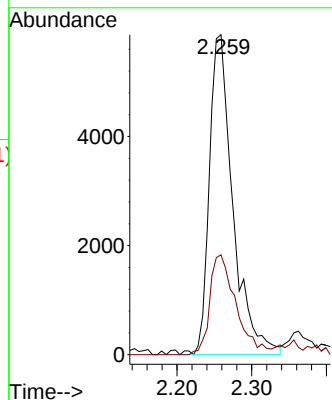
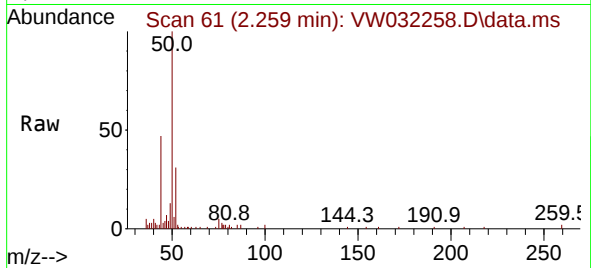
#3
Chloromethane
Concen: 5.462 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 1286
Ion Ratio Lower Upper
50 100
52 31.2 28.9 43.3

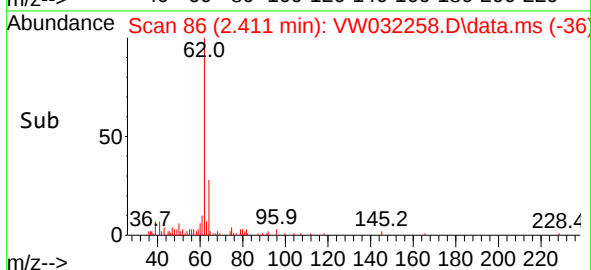
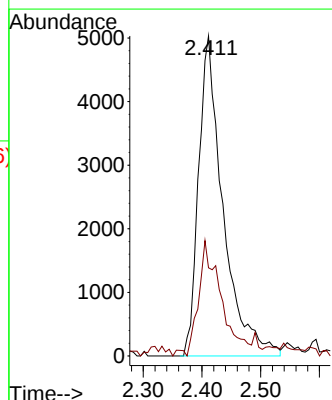
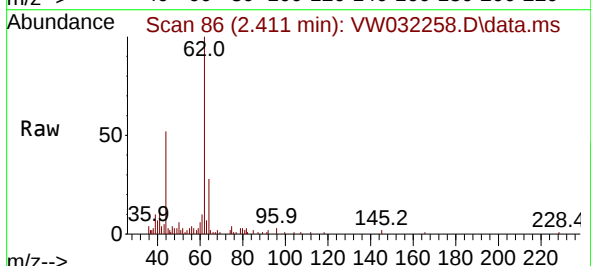
Manual Integrations
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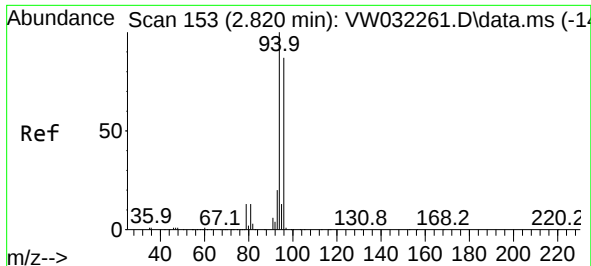
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#4
Vinyl Chloride
Concen: 5.285 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

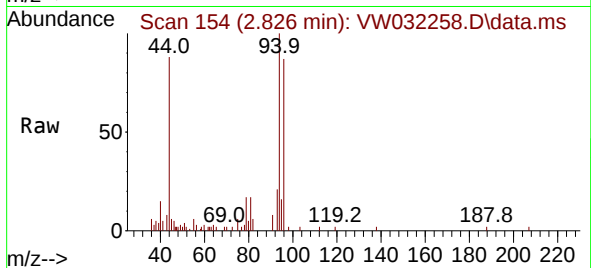
Tgt Ion: 62 Resp: 14540
Ion Ratio Lower Upper
62 100
64 25.8 26.2 39.4#





#5
Bromomethane
Concen: 5.112 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

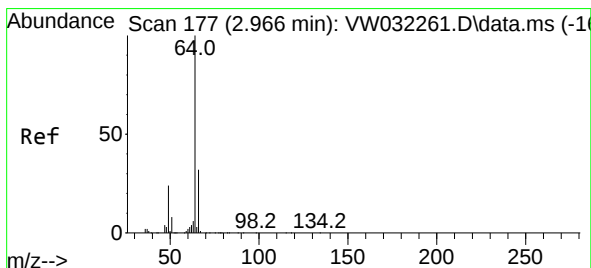
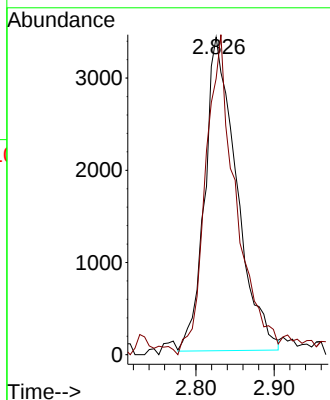
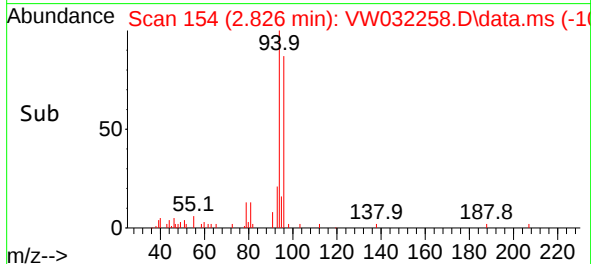
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 9604
Ion Ratio Lower Upper
94 100
96 88.2 70.0 105.0

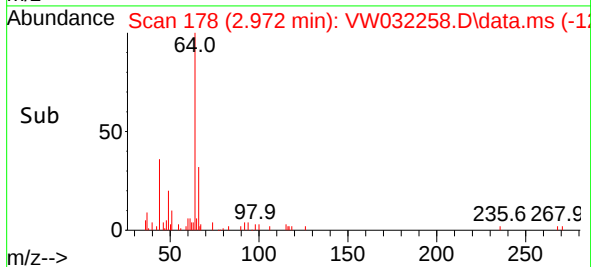
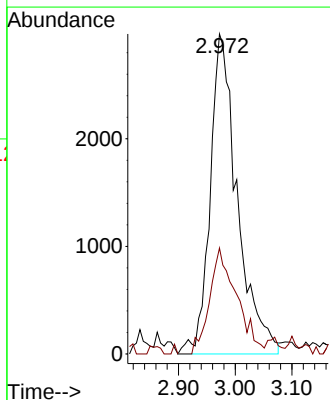
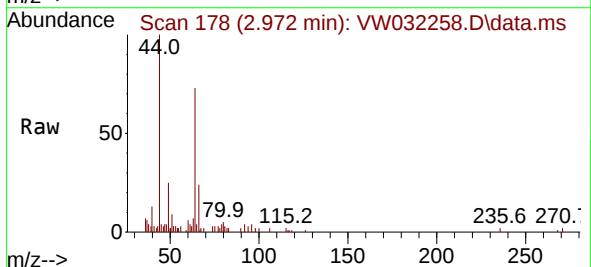
Manual Integrations
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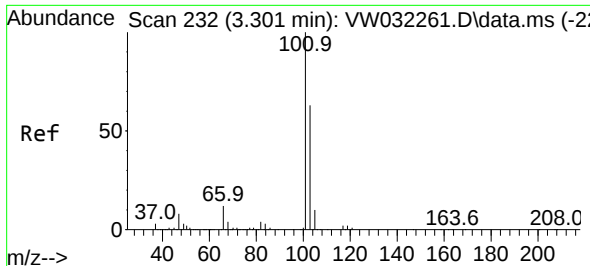
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#6
Chloroethane
Concen: 5.313 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 64 Resp: 9905
Ion Ratio Lower Upper
64 100
66 33.1 25.5 38.3





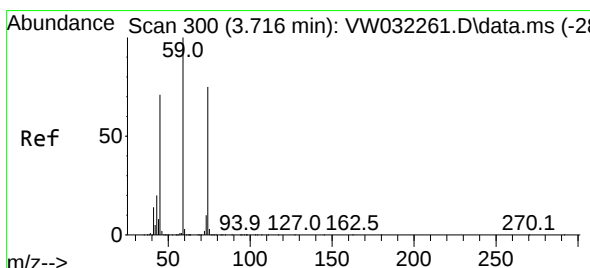
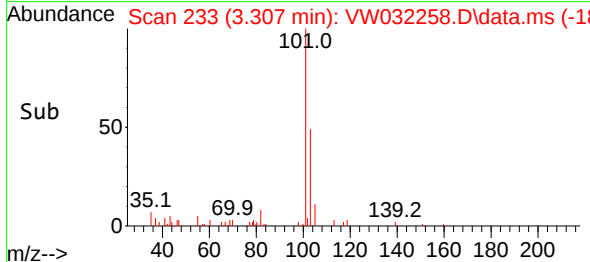
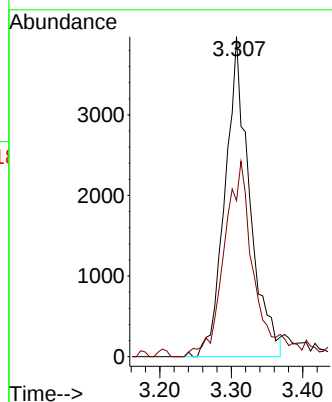
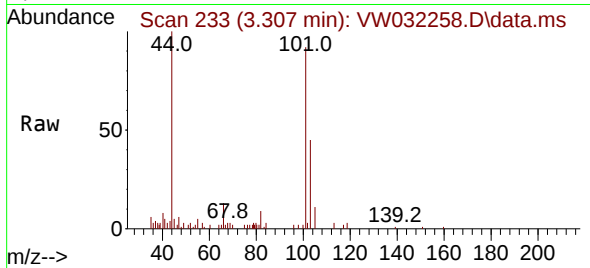
#7
 Trichlorofluoromethane
 Concen: 4.581 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Tgt Ion:101 Resp: 949
 Ion Ratio Lower Upper
 101 100
 103 48.7 50.3 75.5

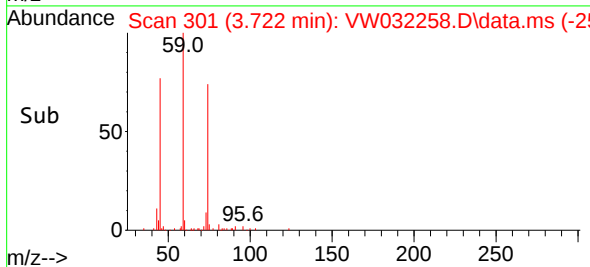
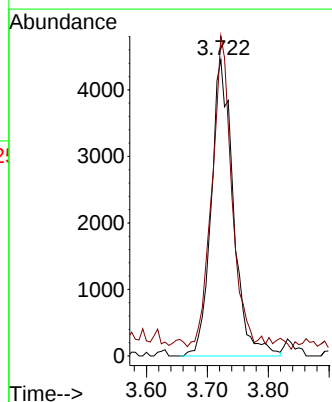
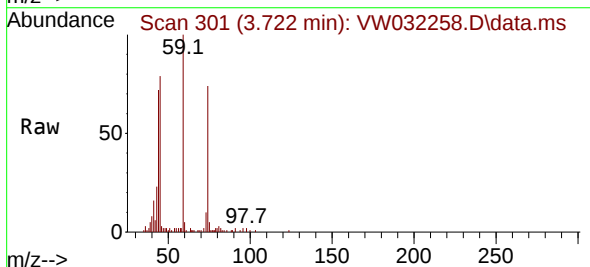
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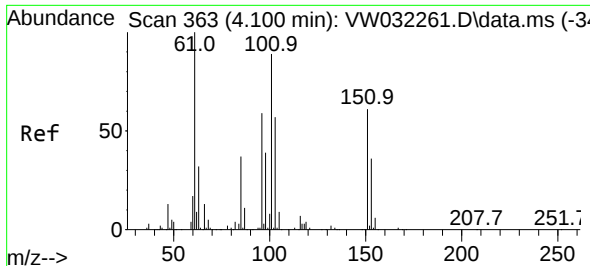
Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025



#8
 Diethyl Ether
 Concen: 5.773 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

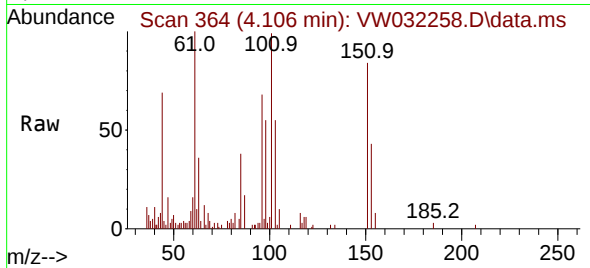
Tgt Ion: 74 Resp: 11315
 Ion Ratio Lower Upper
 74 100
 45 93.1 49.0 147.2





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.334 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

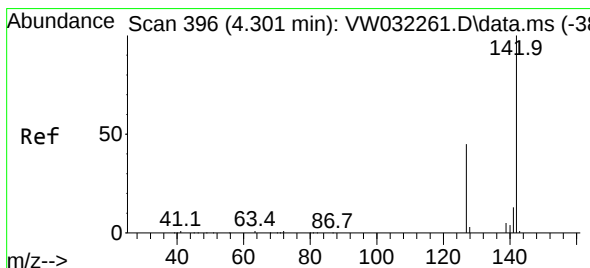
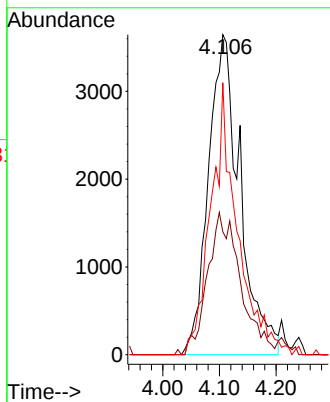
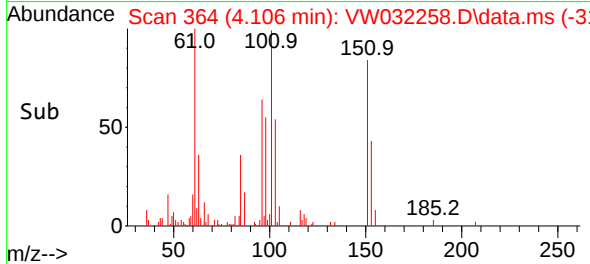
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005



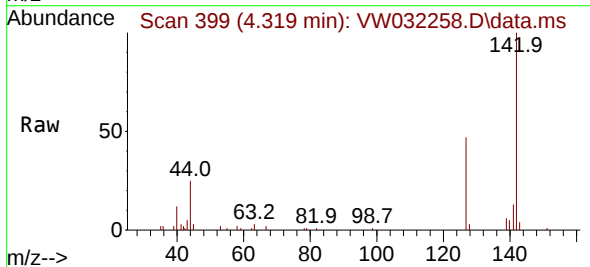
Tgt Ion:101 Resp: 14114
 Ion Ratio Lower Upper
 101 100
 85 46.6 33.7 50.5
 151 71.1 55.7 83.5

Manual Integrations
 APPROVED

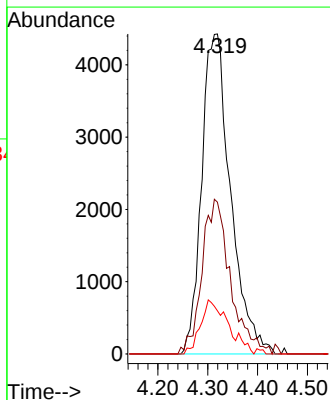
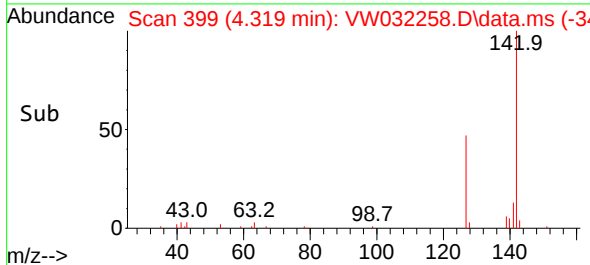
Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

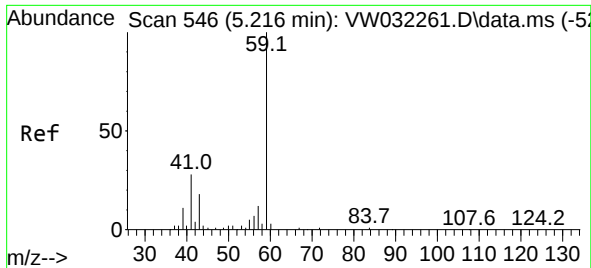


#10
 Methyl Iodide
 Concen: 4.980 ug/l
 RT: 4.319 min Scan# 399
 Delta R.T. 0.018 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45



Tgt Ion:142 Resp: 17823
 Ion Ratio Lower Upper
 142 100
 127 47.6 36.9 55.3
 141 14.5 12.0 18.0





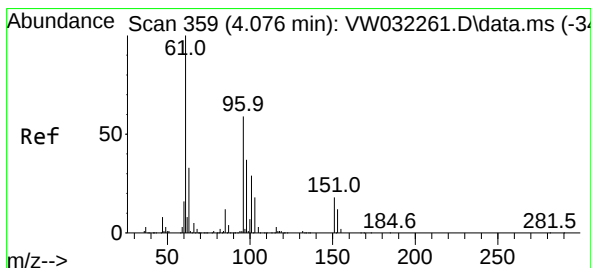
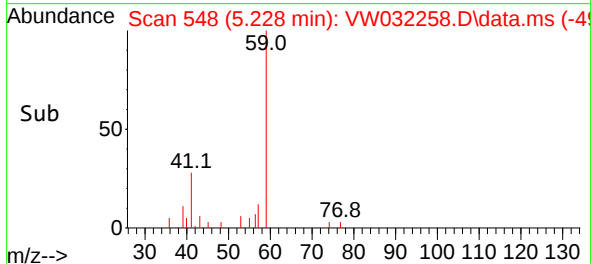
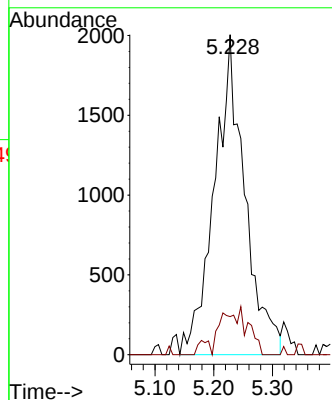
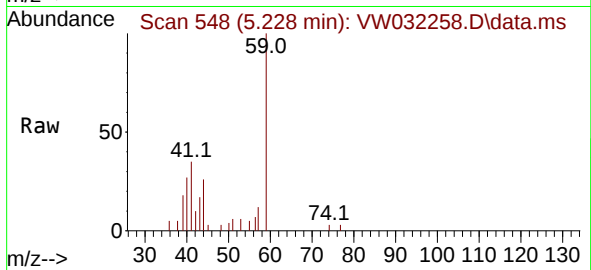
#11
Tert butyl alcohol
Concen: 27.627 ug/l
RT: 5.228 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 721
Ion Ratio Lower Upper
59 100
57 12.8 8.9 13.3

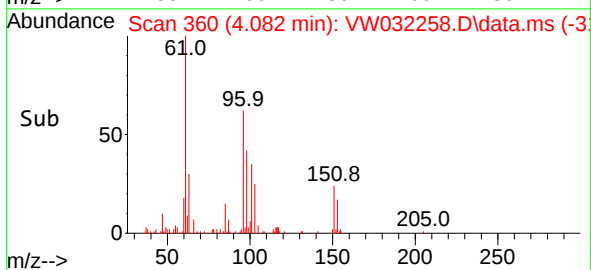
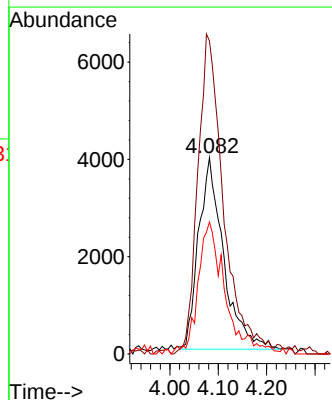
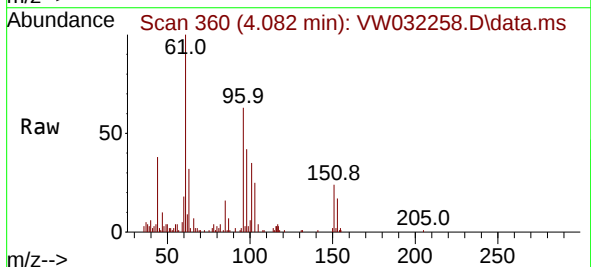
Manual Integrations
APPROVED

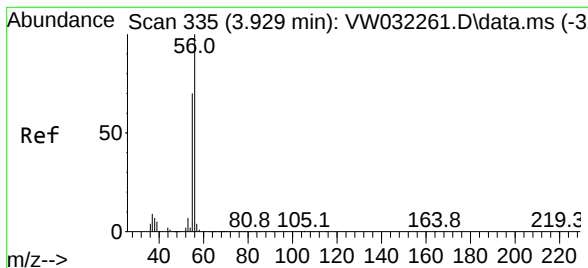
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#12
1,1-Dichloroethene
Concen: 5.007 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 96 Resp: 14162
Ion Ratio Lower Upper
96 100
61 160.8 136.3 204.5
98 67.6 50.7 76.1





#13

Acrolein

Concen: 27.751 ug/l

RT: 3.935 min Scan# 31

Delta R.T. 0.006 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 1289

Ion Ratio Lower Upper

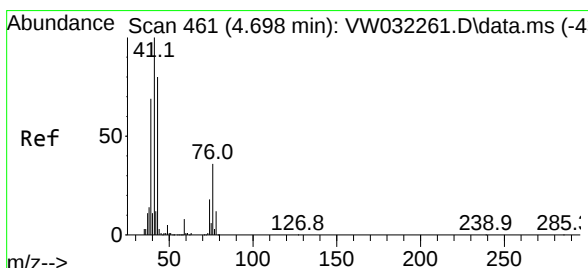
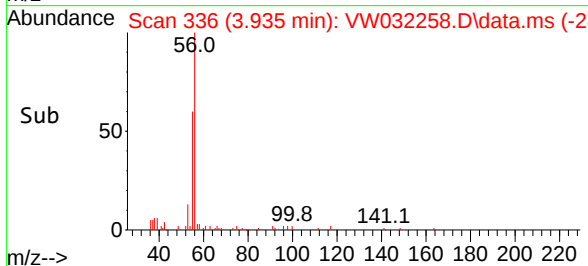
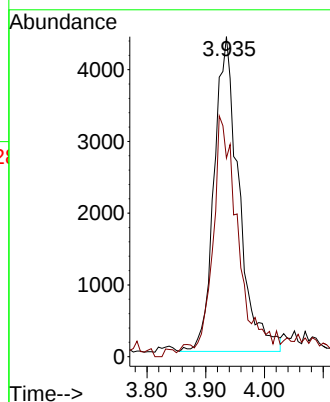
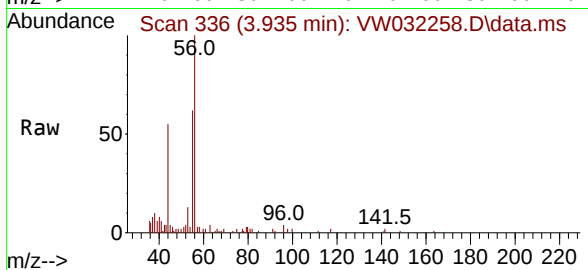
56 100

55 71.7 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#14

Allyl chloride

Concen: 4.945 ug/l

RT: 4.703 min Scan# 462

Delta R.T. 0.006 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

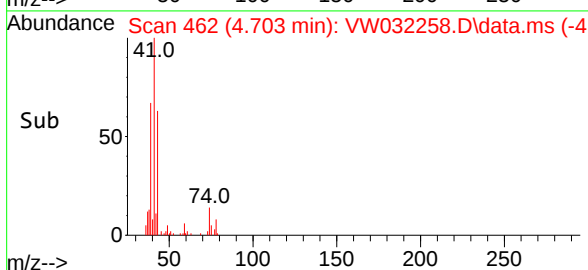
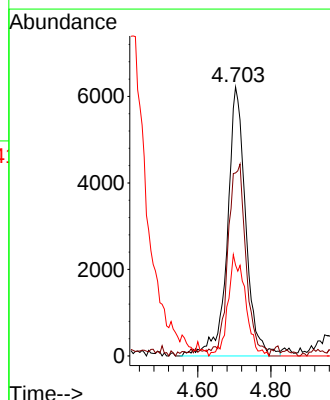
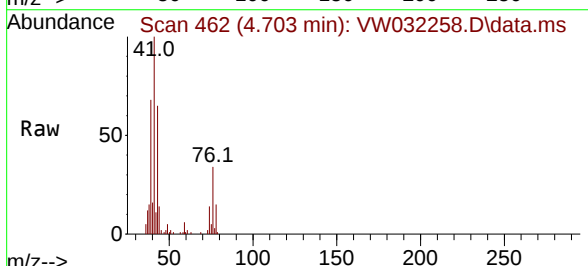
Tgt Ion: 41 Resp: 21706

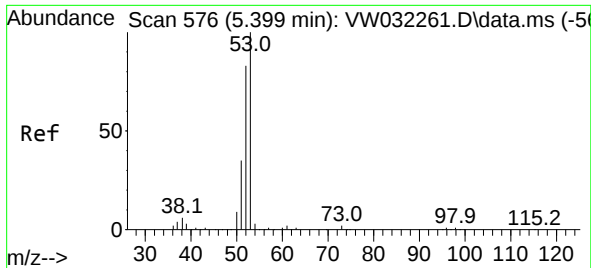
Ion Ratio Lower Upper

41 100

39 70.3 54.3 81.5

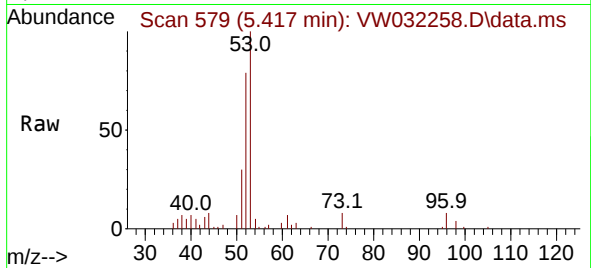
76 35.7 28.7 43.1





#15
Acrylonitrile
Concen: 25.513 ug/l
RT: 5.417 min Scan# 51
Delta R.T. 0.018 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

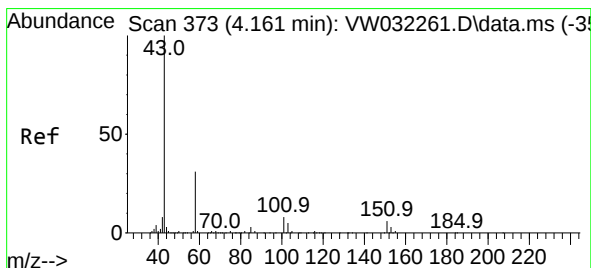
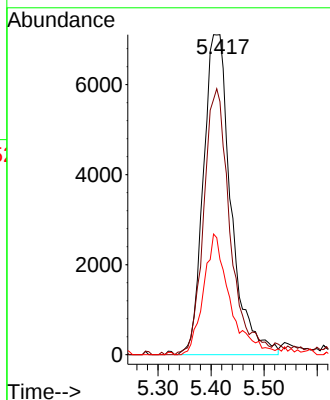
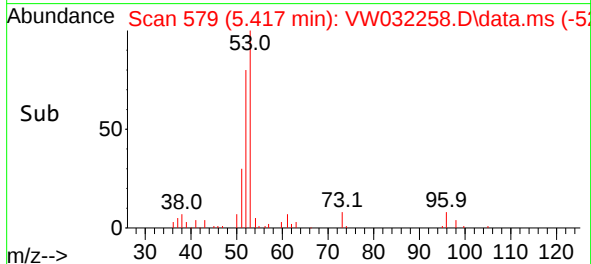
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



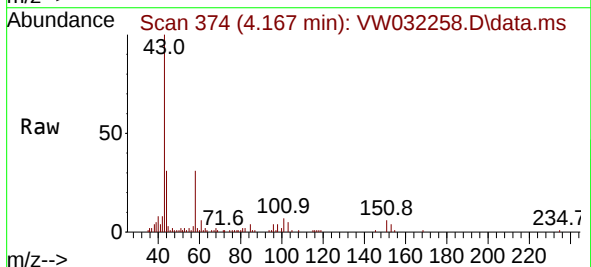
Tgt Ion: 53 Resp: 2575
Ion Ratio Lower Upper
53 100
52 79.0 66.3 99.5
51 36.0 29.6 44.4

Manual Integrations
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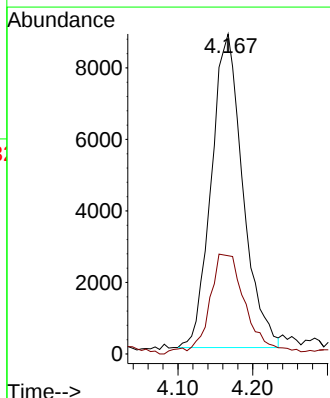
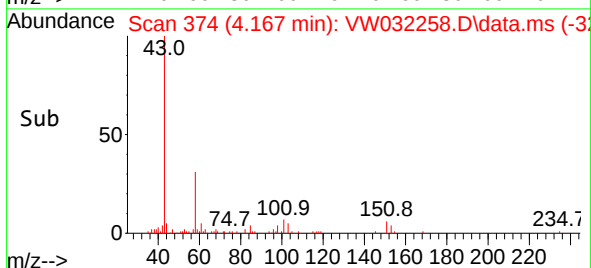
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

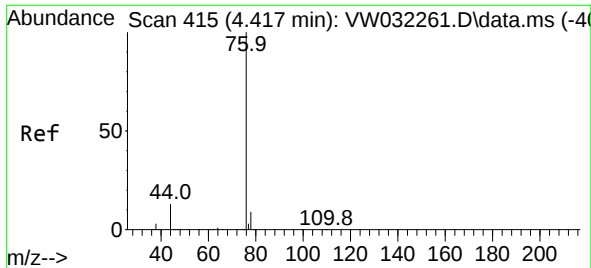


#16
Acetone
Concen: 26.689 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



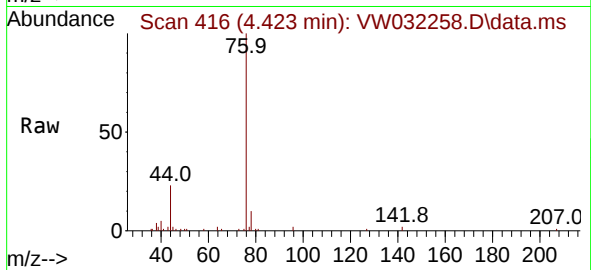
Tgt Ion: 43 Resp: 25773
Ion Ratio Lower Upper
43 100
58 29.8 25.4 38.0





#17
Carbon Disulfide
Concen: 4.994 ug/l
RT: 4.423 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

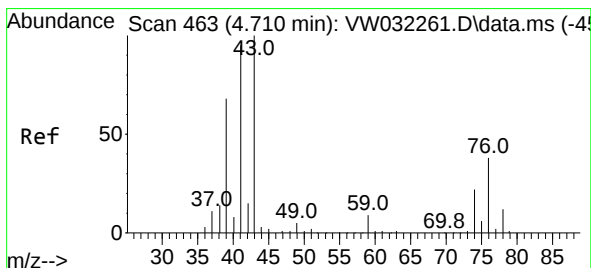
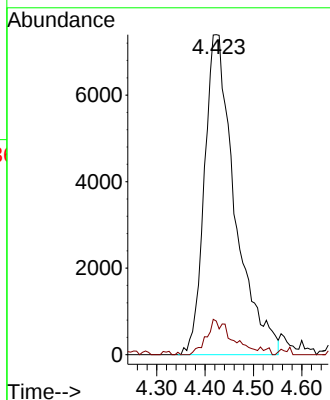
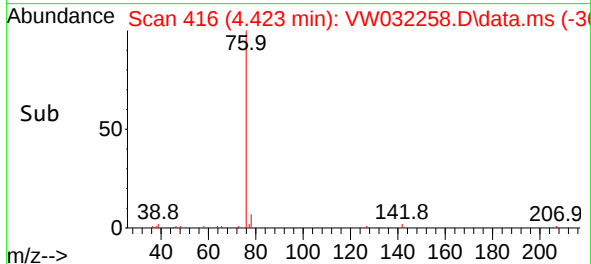
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



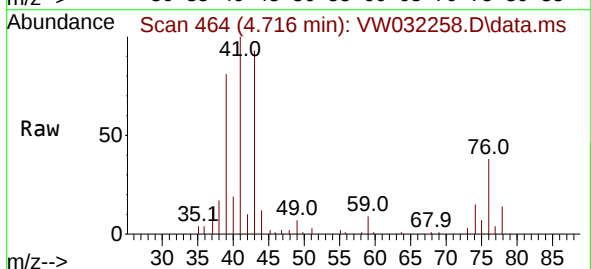
Tgt Ion: 76 Resp: 3247
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
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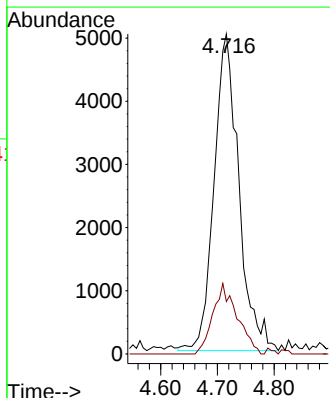
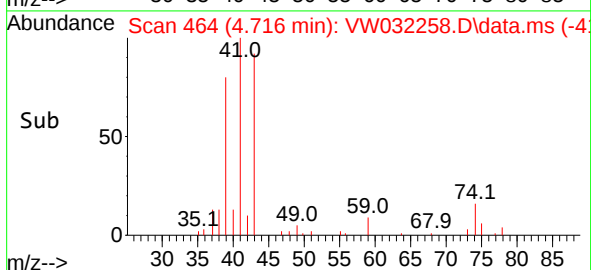
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

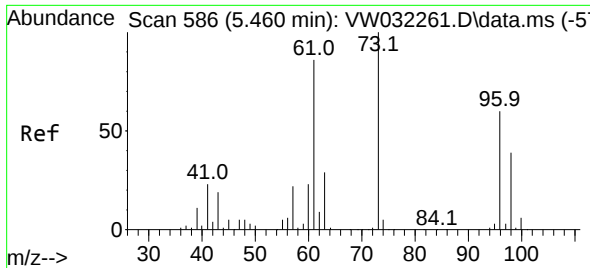


#18
Methyl Acetate
Concen: 4.571 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



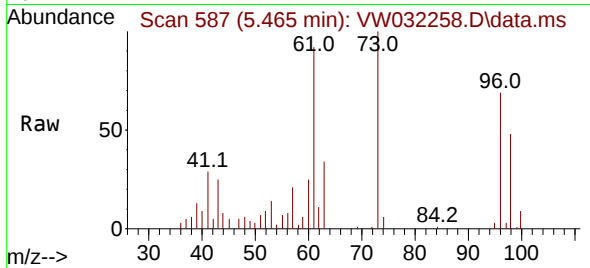
Tgt Ion: 43 Resp: 15180
Ion Ratio Lower Upper
43 100
74 21.9 18.8 28.2





#19
Methyl tert-butyl Ether
Concen: 4.794 ug/l
RT: 5.465 min Scan# 505
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

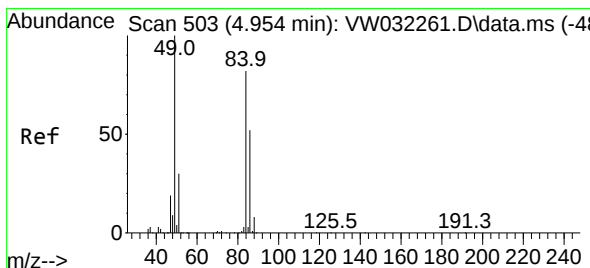
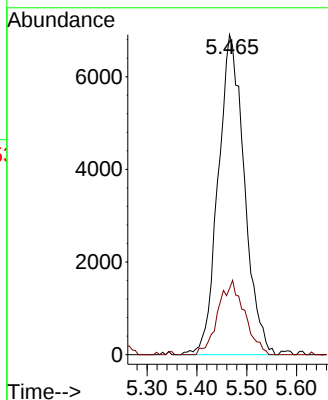
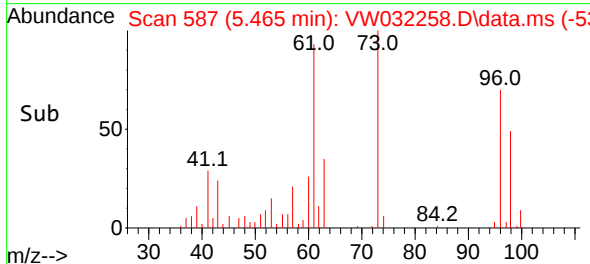
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 2513
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

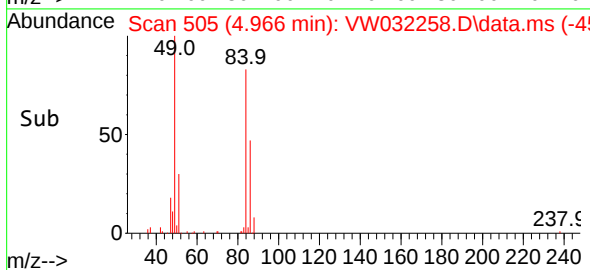
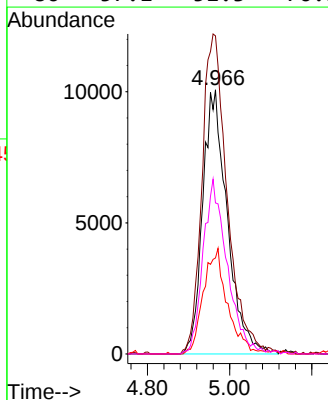
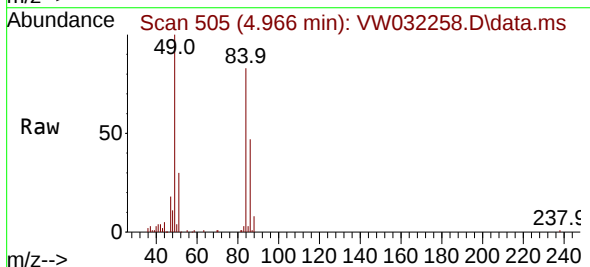
Manual Integrations
APPROVED

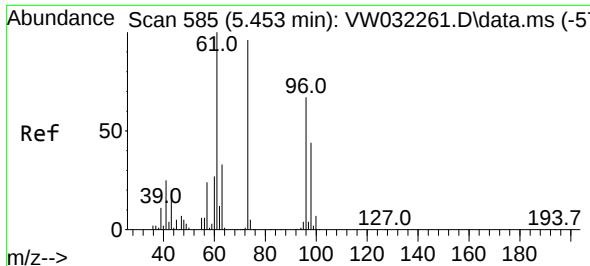
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#20
Methylene Chloride
Concen: 5.253 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

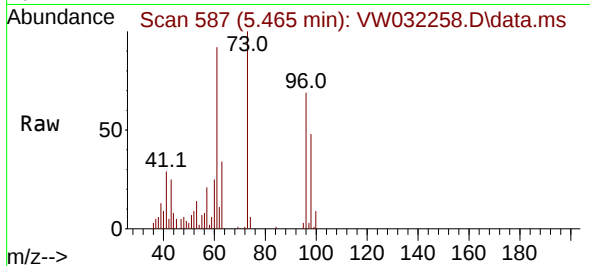
Tgt Ion: 84 Resp: 41876
Ion Ratio Lower Upper
84 100
49 120.4 97.8 146.6
51 36.3 29.9 44.9
86 57.1 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 4.946 ug/l
RT: 5.465 min Scan# 585
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

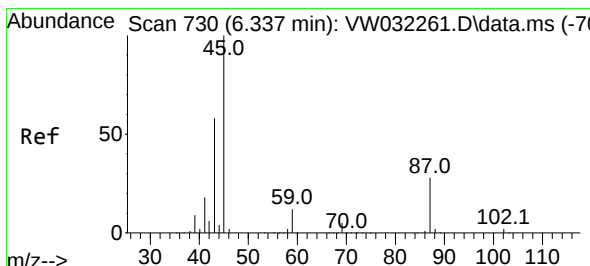
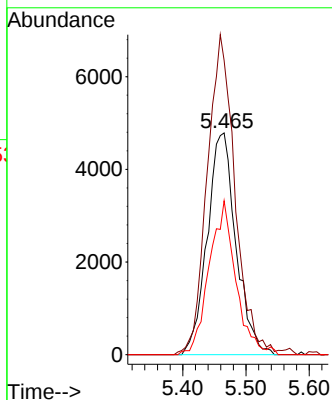
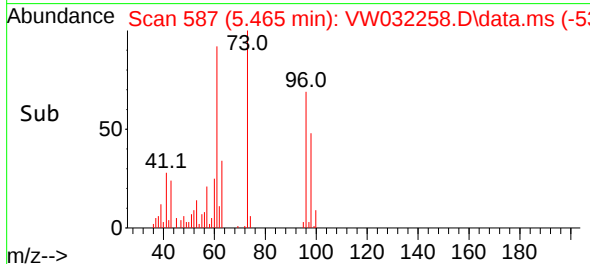
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 15086
Ion Ratio Lower Upper
96 100
61 131.4 119.2 178.8
98 69.4 52.5 78.7

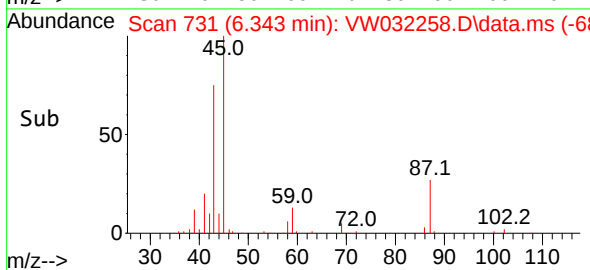
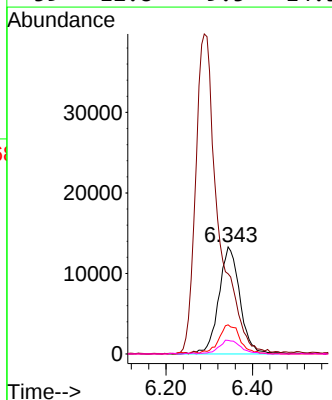
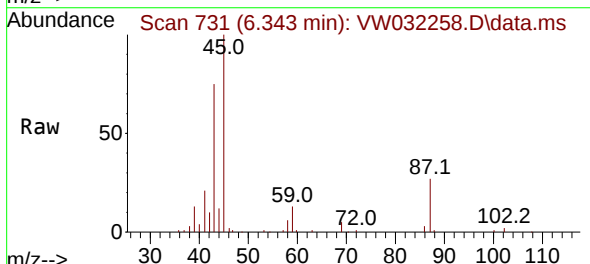
Manual Integrations
APPROVED

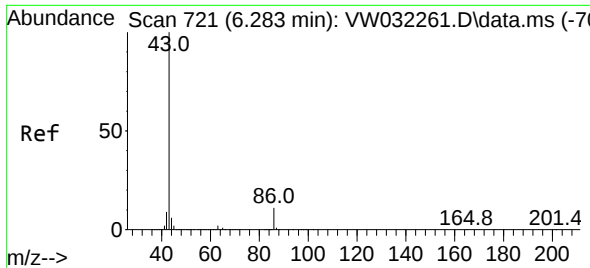
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#22
Diisopropyl ether
Concen: 4.622 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

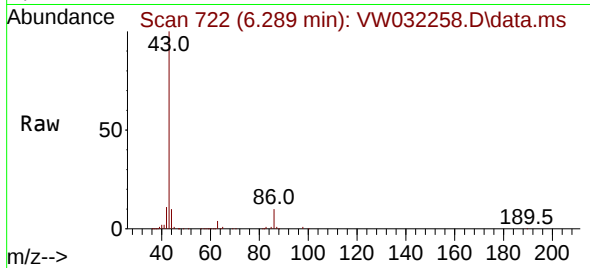
Tgt Ion: 45 Resp: 45086
Ion Ratio Lower Upper
45 100
43 73.8 46.2 69.4#
87 26.7 22.2 33.2
59 12.8 9.5 14.3





#23
 Vinyl Acetate
 Concen: 23.148 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

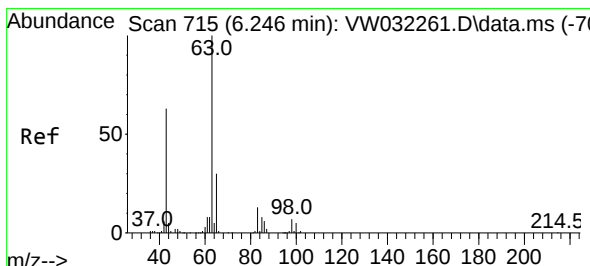
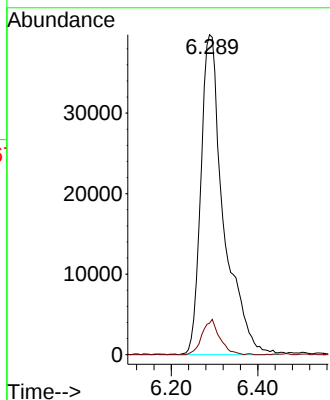
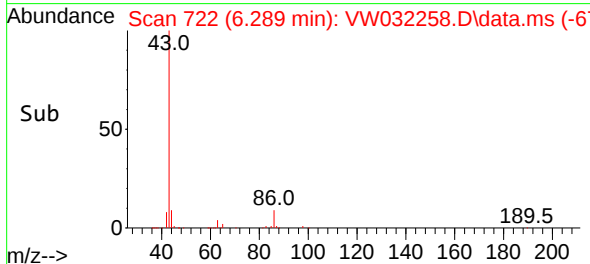
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005



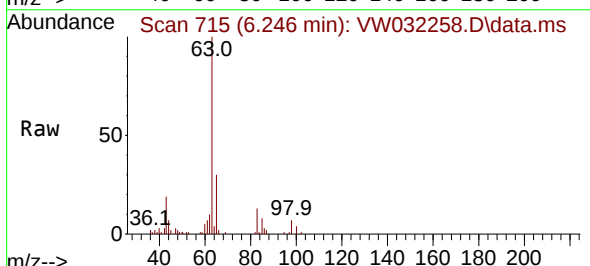
Tgt Ion: 43 Resp: 145249
 Ion Ratio Lower Upper
 43 100
 86 9.8 9.0 13.6

Manual Integrations
 APPROVED

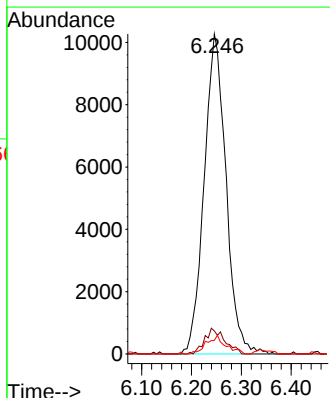
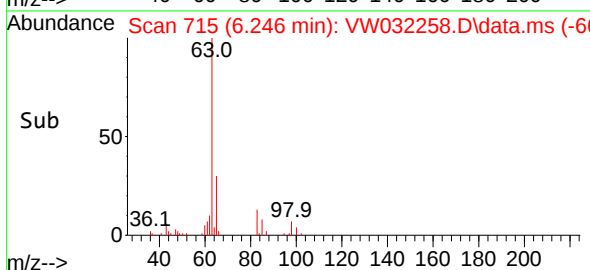
Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

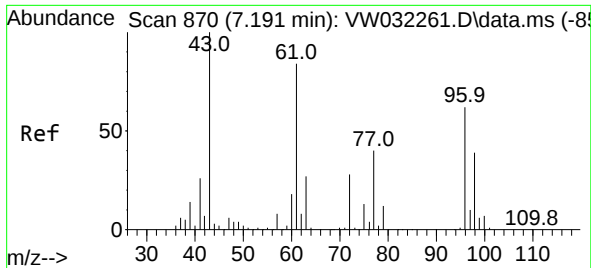


#24
 1,1-Dichloroethane
 Concen: 5.079 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45



Tgt Ion: 63 Resp: 31274
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.3 2.4 7.1





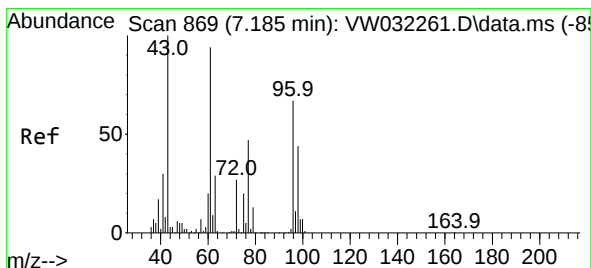
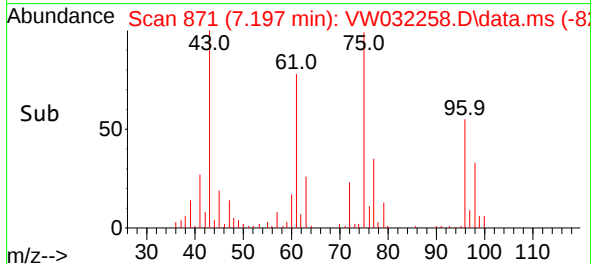
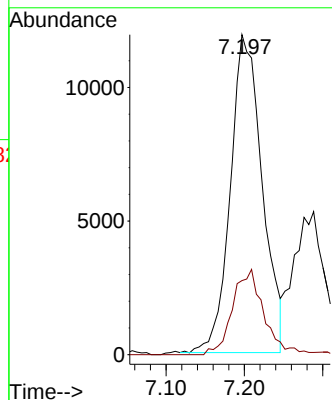
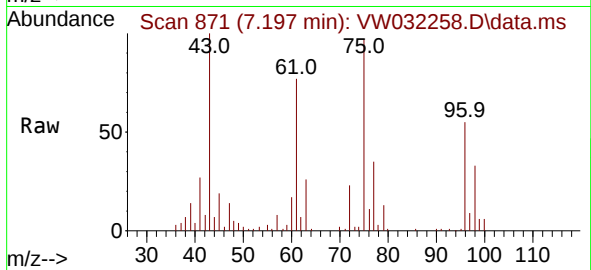
#25
2-Butanone
Concen: 24.927 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
72 23.3 22.3 33.5

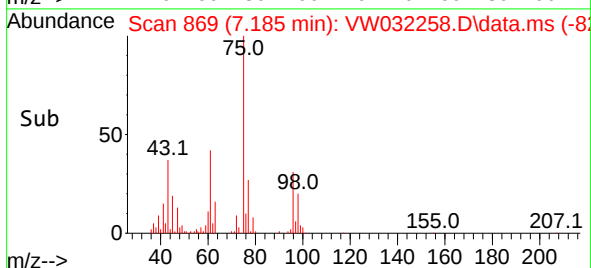
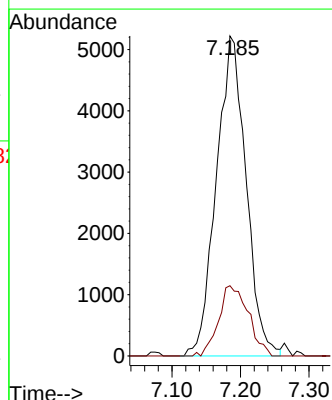
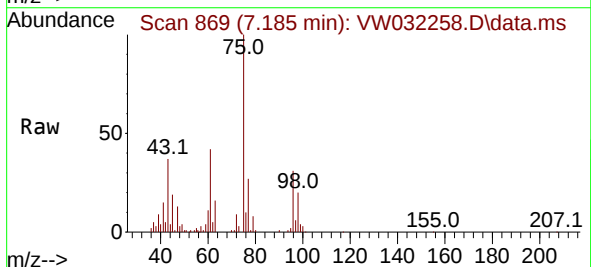
Manual Integrations
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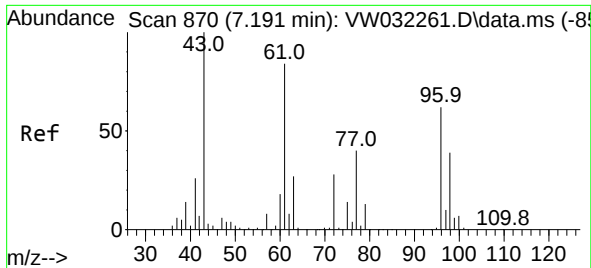
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#26
2,2-Dichloropropane
Concen: 5.178 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 77 Resp: 15711
Ion Ratio Lower Upper
77 100
97 21.9 11.7 35.0





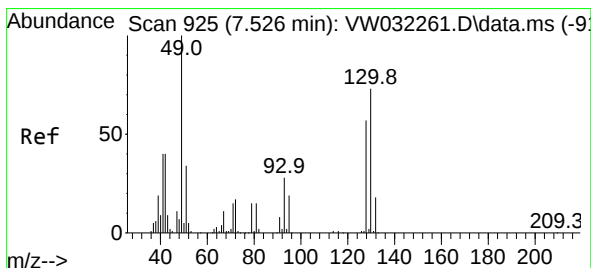
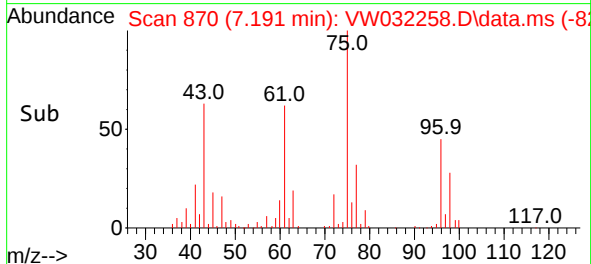
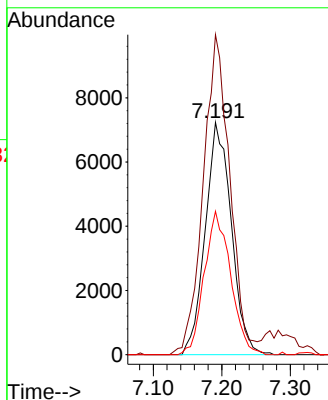
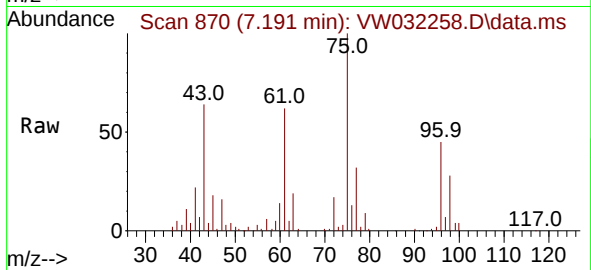
#27
 cis-1,2-Dichloroethene
 Concen: 5.043 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96	Resp: 19129
Ion Ratio	Lower Upper
96 100	
61 140.7	0.0 281.8
98 62.5	0.0 130.8

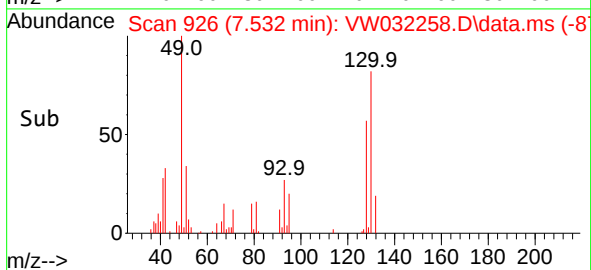
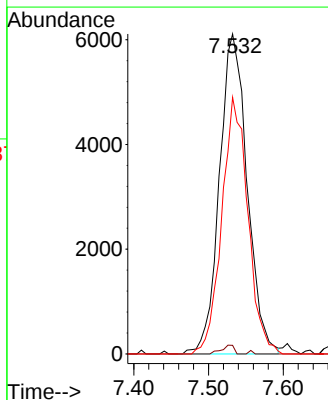
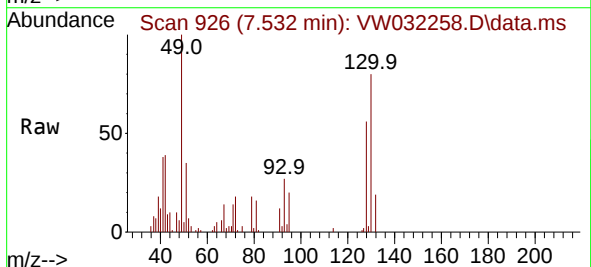
Manual Integrations
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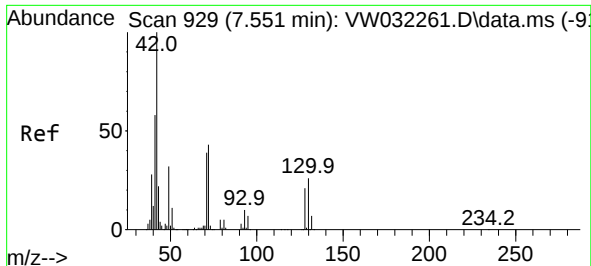
Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025



#28
 Bromochloromethane
 Concen: 5.365 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.006 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

Tgt Ion: 49	Resp: 15762
Ion Ratio	Lower Upper
49 100	
129 1.2	0.0 2.2
130 75.4	0.0 0.0#





#29

Tetrahydrofuran

Concen: 24.436 ug/l

RT: 7.563 min Scan# 91

Delta R.T. 0.012 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

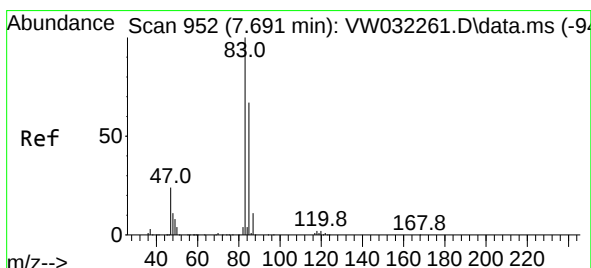
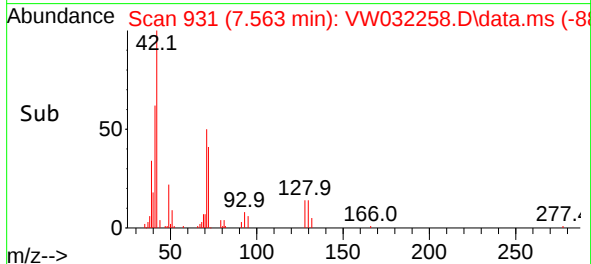
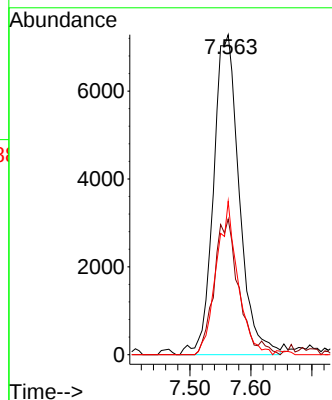
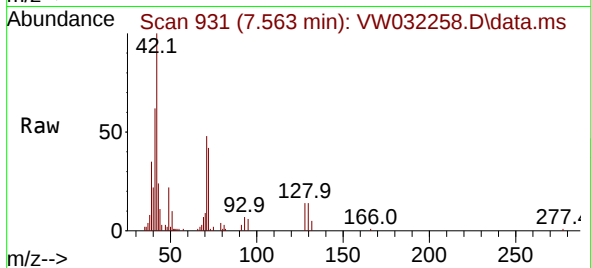
VSTDICC005

Tgt Ion: 42	Resp: 2135
Ion Ratio	Lower Upper
42 100	
72 39.1	35.1 52.7
71 40.1	33.3 49.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#30

Chloroform

Concen: 5.191 ug/l

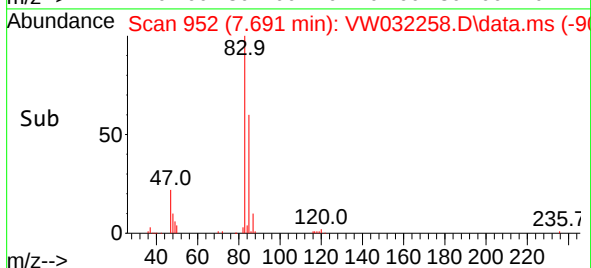
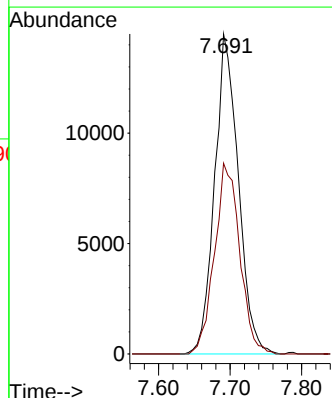
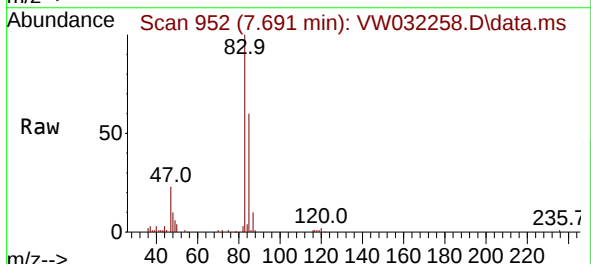
RT: 7.691 min Scan# 952

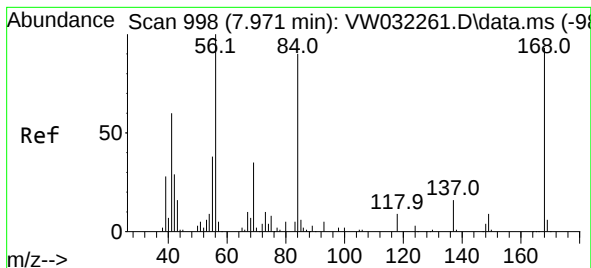
Delta R.T. -0.000 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Tgt Ion: 83	Resp: 33349
Ion Ratio	Lower Upper
83 100	
85 59.6	53.3 79.9





#31

Cyclohexane

Concen: 5.551 ug/l

RT: 7.965 min Scan# 998

Delta R.T. -0.006 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 2695

Ion Ratio Lower Upper

56 100

69 68.3 28.2 42.2

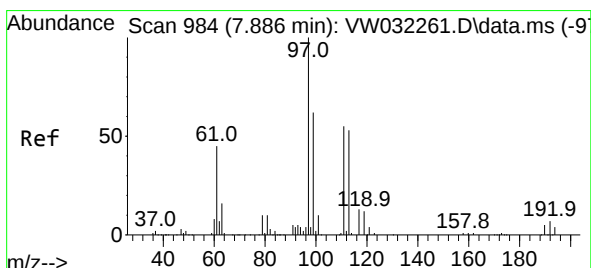
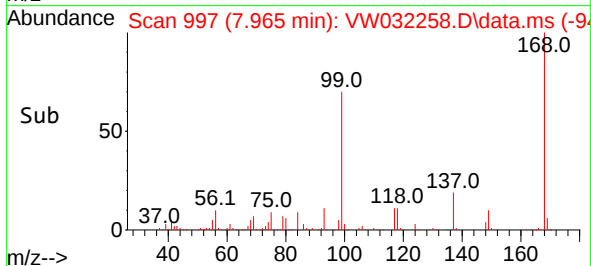
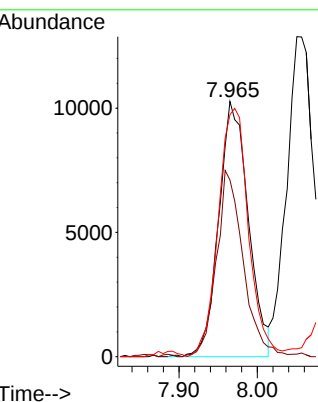
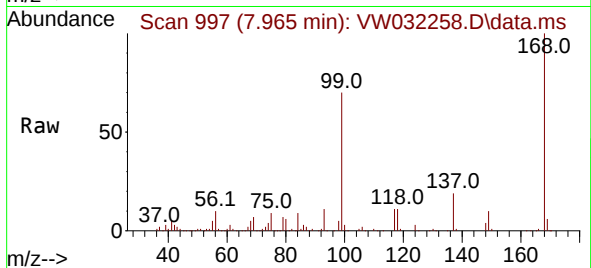
84 92.7 71.8 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025

Supervised By :Semsettin Yesilyurt 09/29/2025



#32

1,1,1-Trichloroethane

Concen: 5.100 ug/l

RT: 7.886 min Scan# 984

Delta R.T. -0.000 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

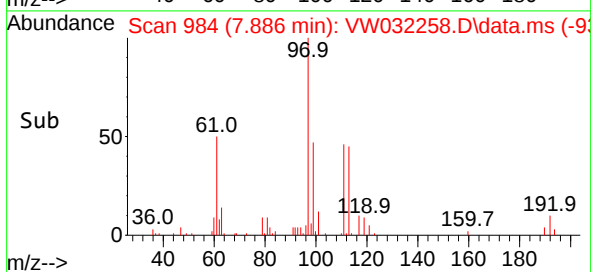
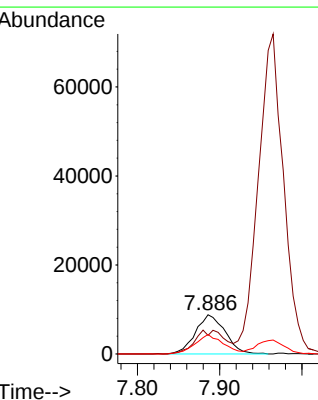
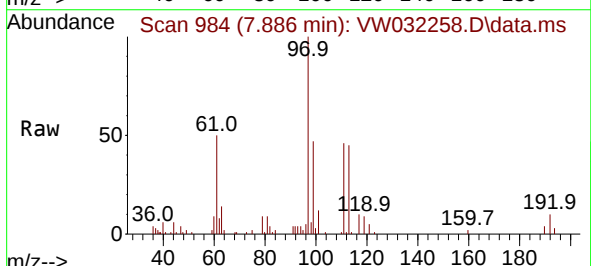
Tgt Ion: 97 Resp: 22073

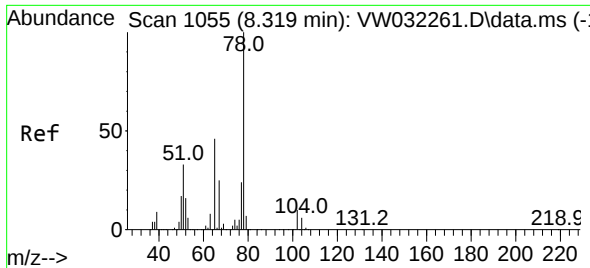
Ion Ratio Lower Upper

97 100

99 30.7 50.6 76.0

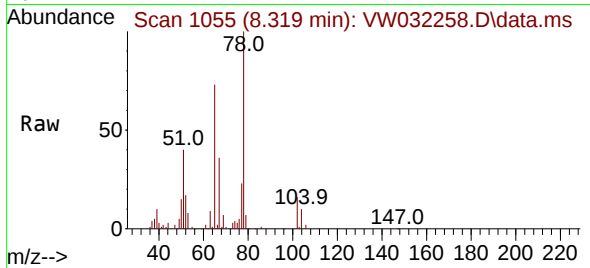
61 47.0 36.2 54.4





#33
 1,2-Dichloroethane-d4
 Concen: 5.610 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

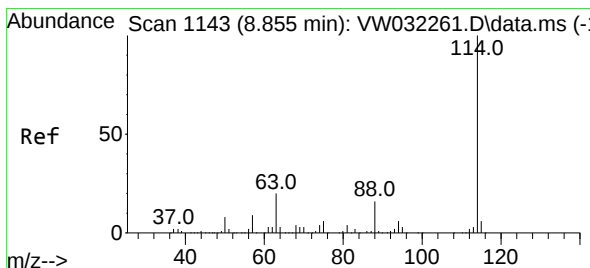
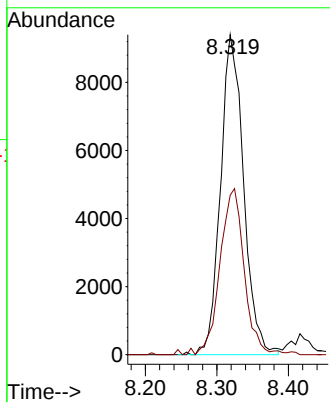
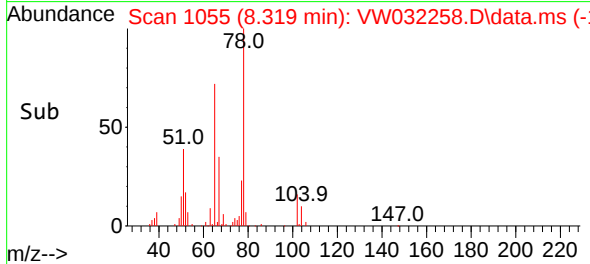
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005



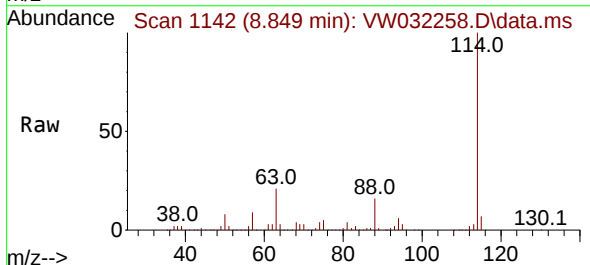
Tgt Ion: 65 Resp: 21090
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.8

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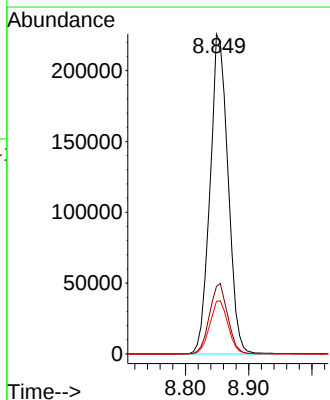
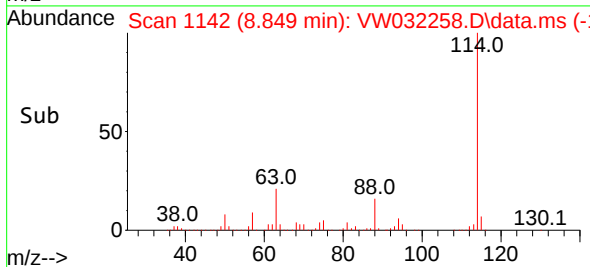
Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

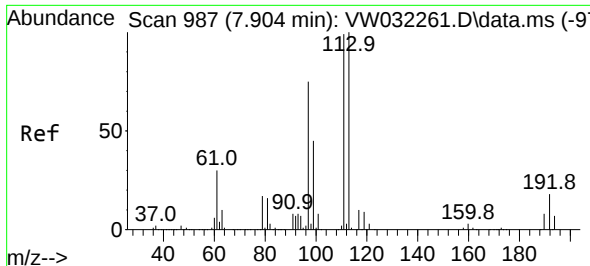


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45



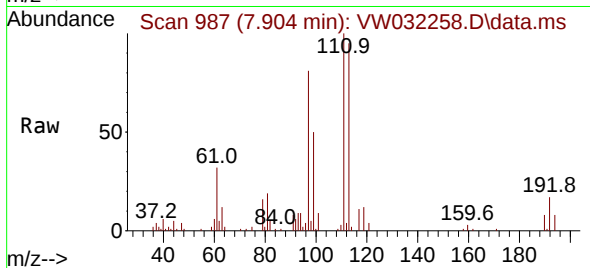
Tgt Ion:114 Resp: 445366
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.2
 88 16.4 0.0 32.0





#35
Dibromofluoromethane
Concen: 5.469 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

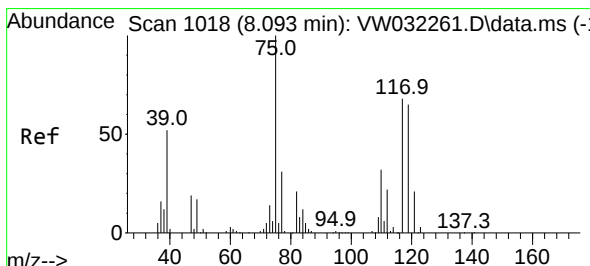
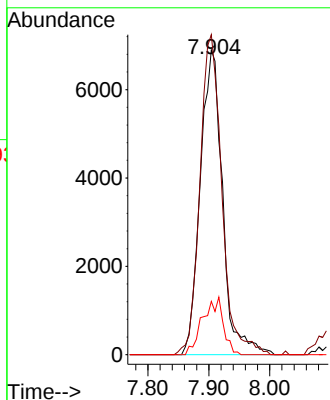
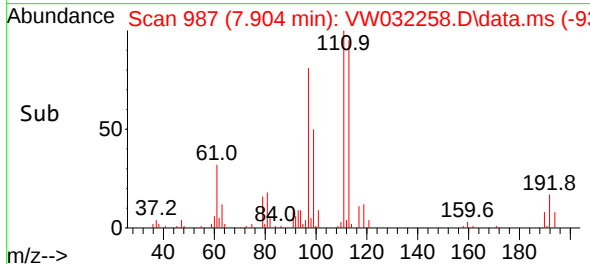
Instrument : MSVOA_W
ClientSampleId : VSTDIC005



Tgt Ion: 113 Resp: 17518
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 17.4 13.0 19.4

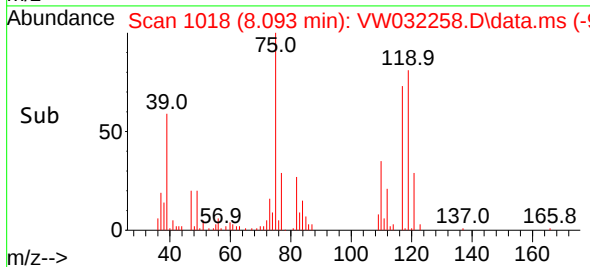
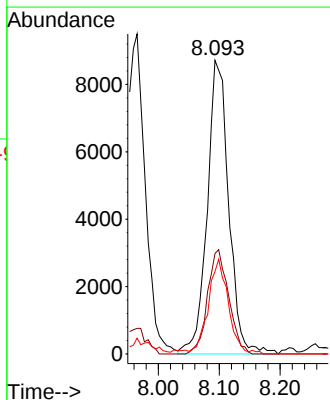
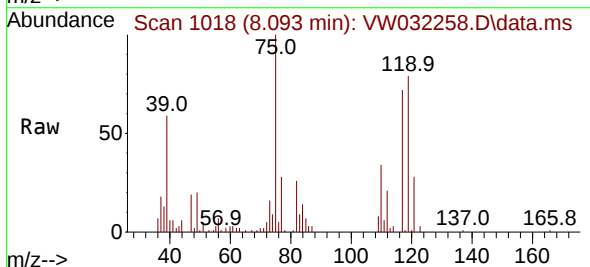
Manual Integrations
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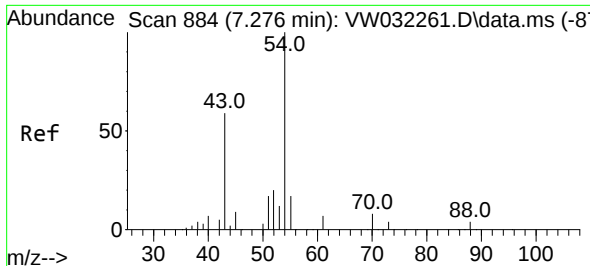
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

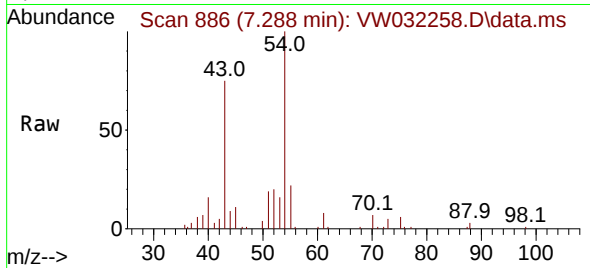
Tgt Ion: 75 Resp: 21420
Ion Ratio Lower Upper
75 100
110 34.8 16.7 50.1
77 28.6 25.2 37.8





#37
Ethyl Acetate
Concen: 4.861 ug/l
RT: 7.288 min Scan# 886
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

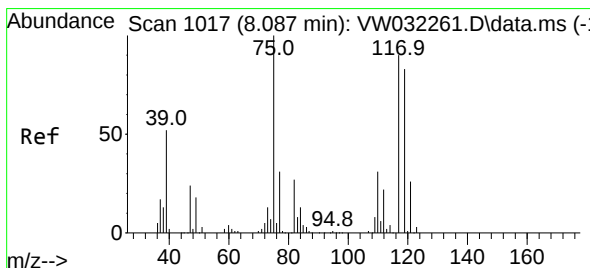
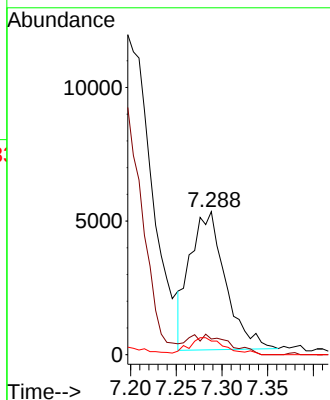
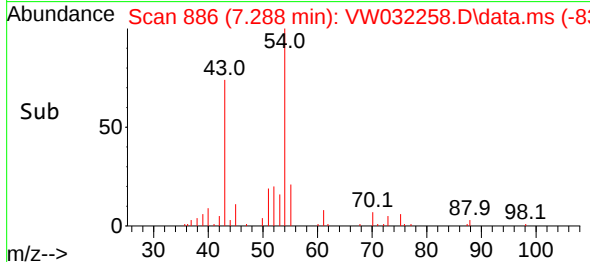
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7
70 12.3 8.5 12.7

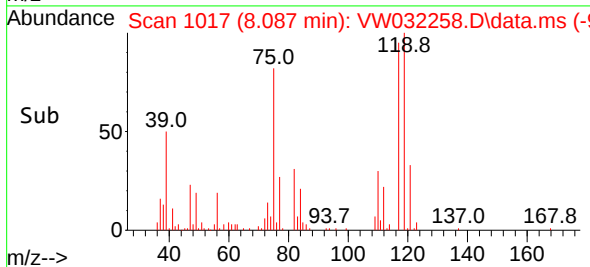
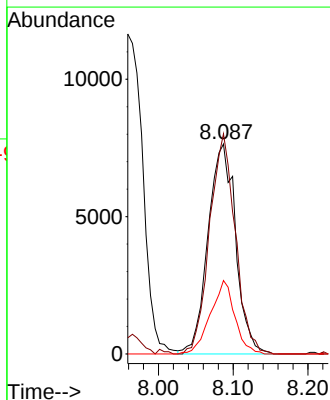
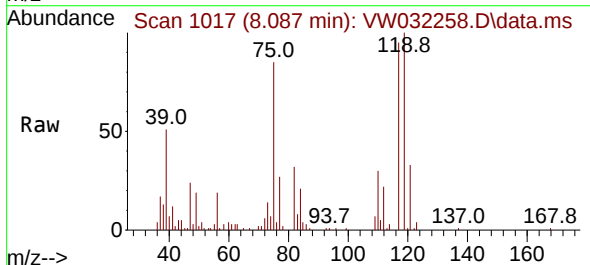
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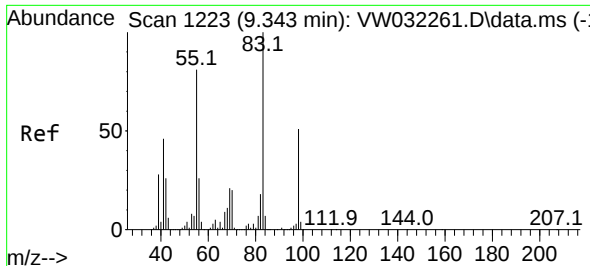
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#38
Carbon Tetrachloride
Concen: 4.843 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

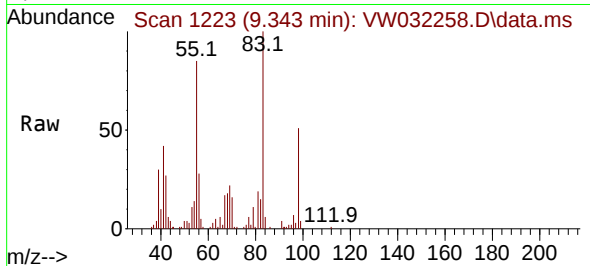
Tgt Ion:117 Resp: 19674
Ion Ratio Lower Upper
117 100
119 104.8 73.9 110.9
121 35.0 23.0 34.6





#39
Methylcyclohexane
Concen: 4.515 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

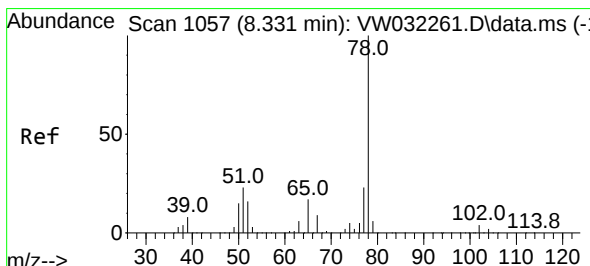
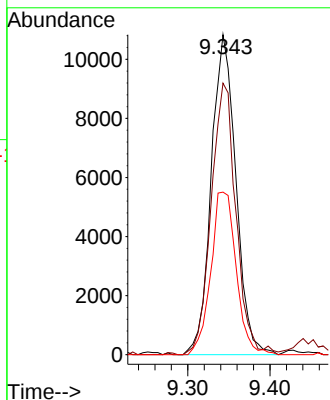
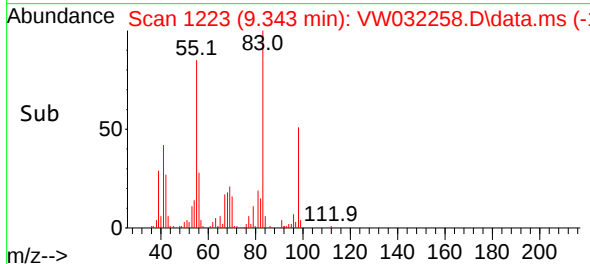
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 2256
Ion Ratio Lower Upper
83 100
55 84.8 65.0 97.6
98 50.8 40.8 61.2

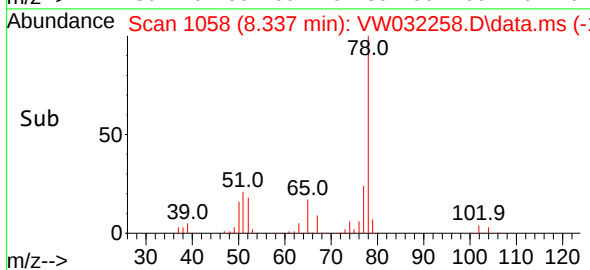
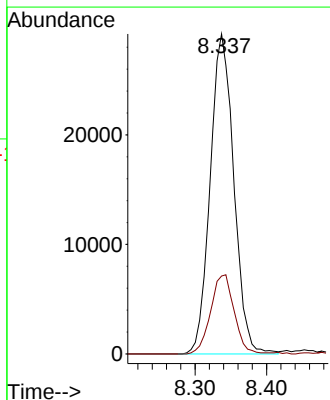
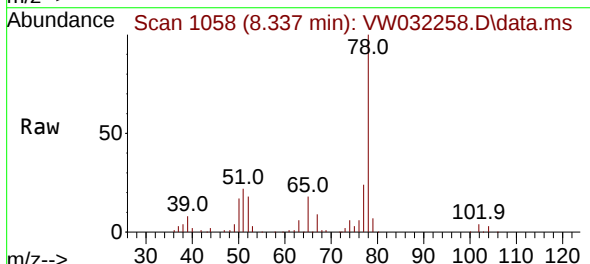
Manual Integrations
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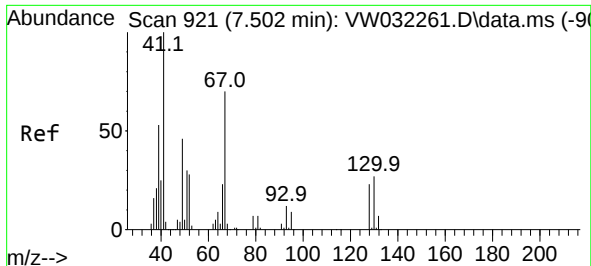
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#40
Benzene
Concen: 4.925 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

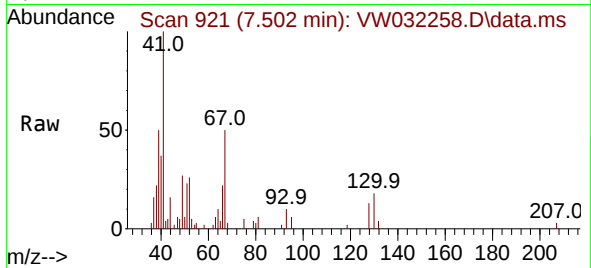
Tgt Ion: 78 Resp: 66943
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1





#41
Methacrylonitrile
Concen: 4.549 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

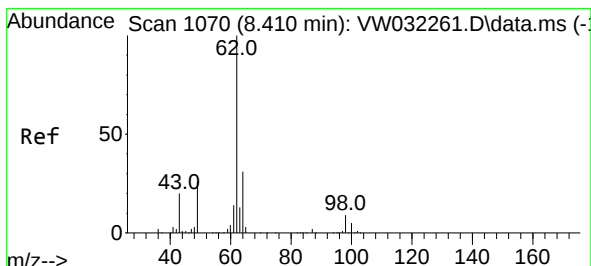
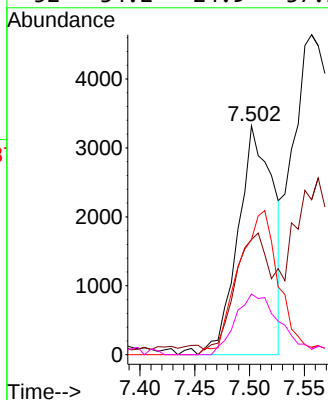
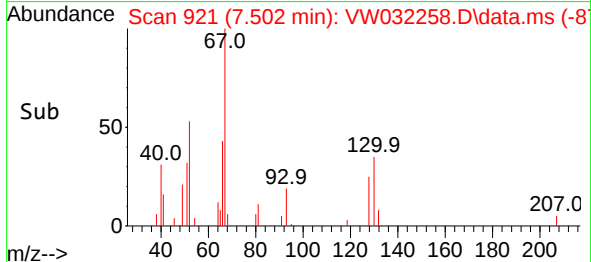
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion:	41	Resp:	746
Ion Ratio	100	Lower	Upper
39	47.3	46.9	70.3
67	73.3	59.0	88.4
52	34.2	24.9	37.3

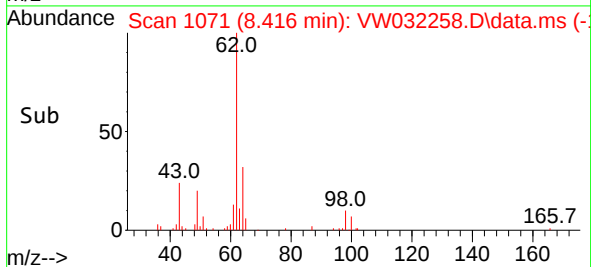
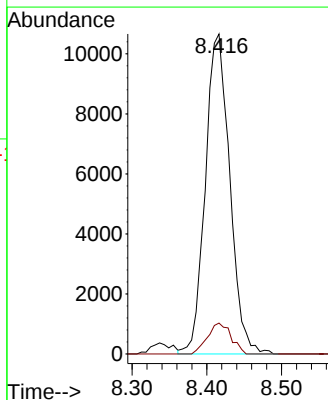
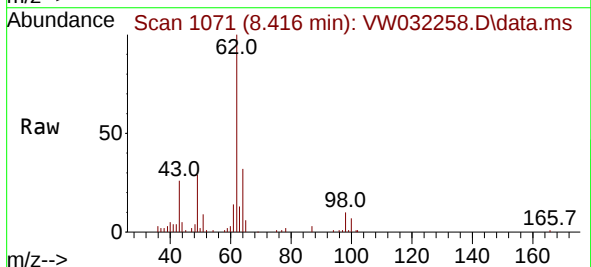
Manual Integrations
APPROVED

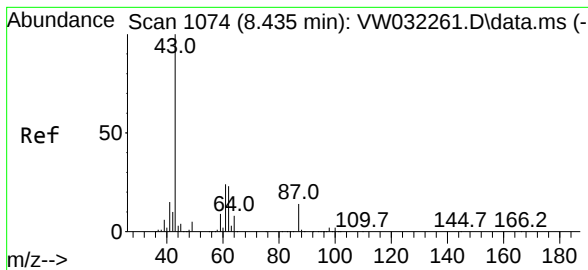
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#42
1,2-Dichloroethane
Concen: 5.368 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:	62	Resp:	24254
Ion Ratio	100	Lower	Upper
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 4.802 ug/l

RT: 8.441 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

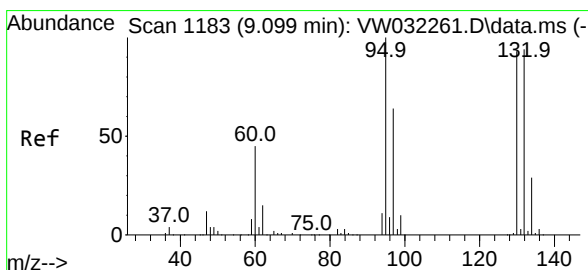
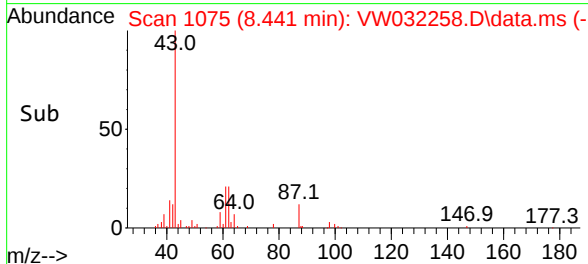
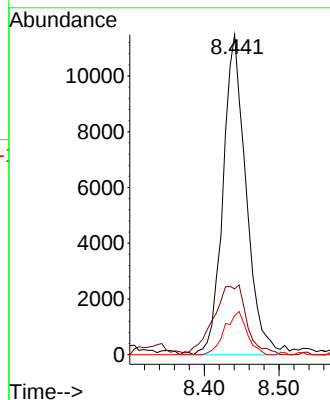
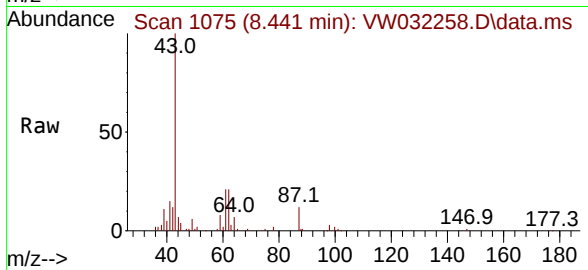
VSTDICC005

Tgt Ion: 43	Resp: 24619
Ion Ratio	Lower Upper
43	100
61	30.9 24.2 36.2
87	13.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#44

Trichloroethene

Concen: 4.813 ug/l

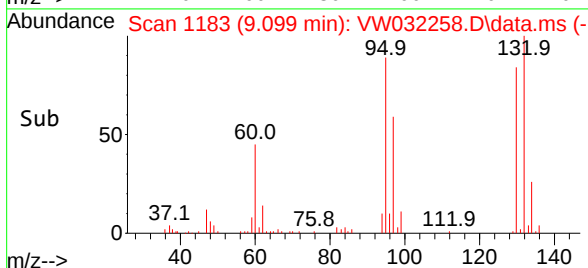
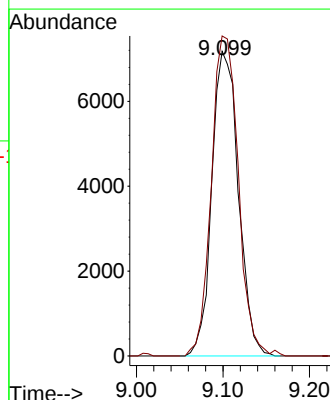
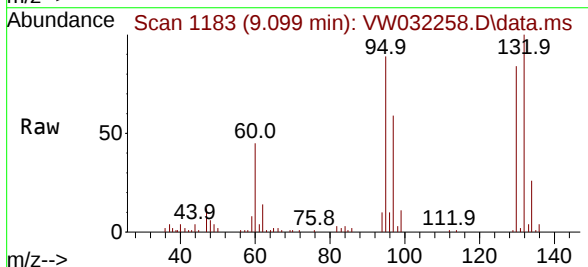
RT: 9.099 min Scan# 1183

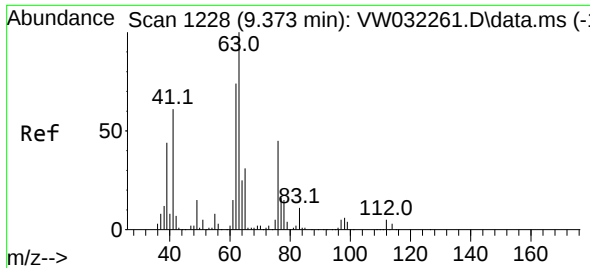
Delta R.T. -0.000 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

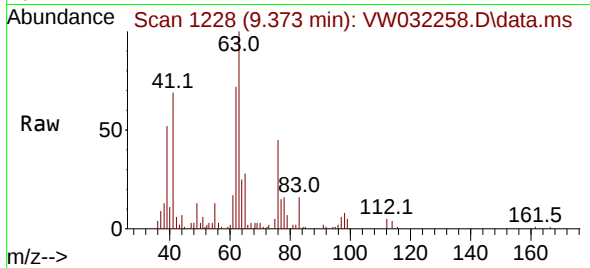
Tgt Ion:130	Resp: 15290
Ion Ratio	Lower Upper
130	100
95	105.0 0.0 215.2





#45
1,2-Dichloropropane
Concen: 4.951 ug/l
RT: 9.373 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

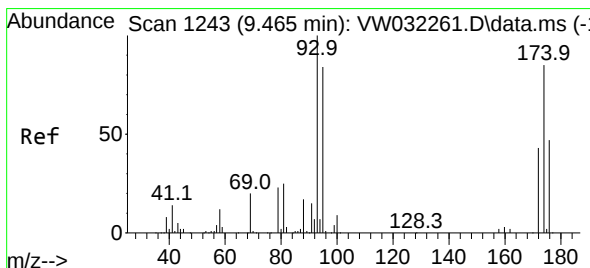
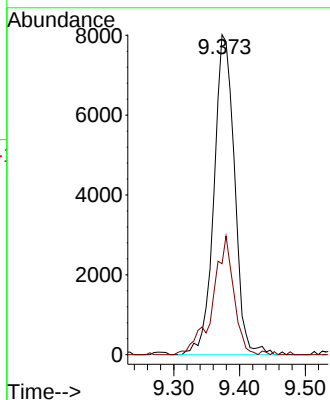
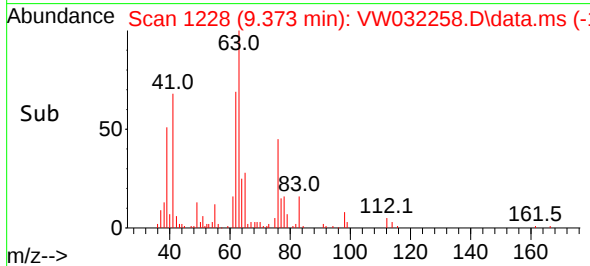
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



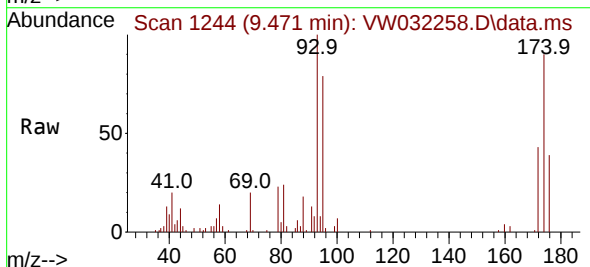
Tgt Ion: 63 Resp: 1743
Ion Ratio Lower Upper
63 100
65 28.4 24.9 37.3

Manual Integrations
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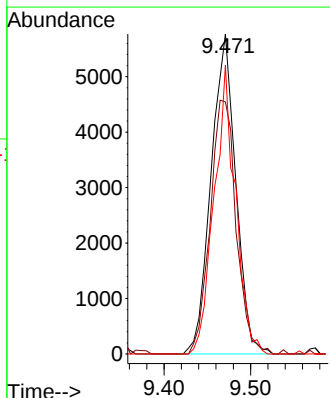
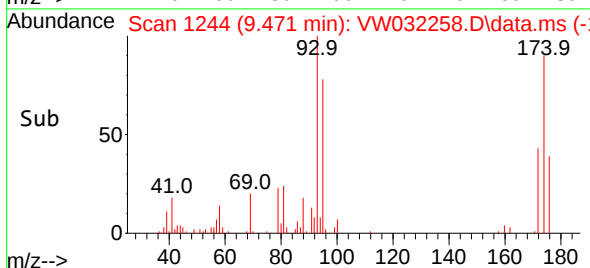
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

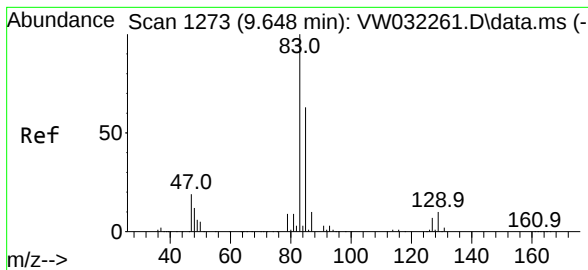


#46
Dibromomethane
Concen: 5.280 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



Tgt Ion: 93 Resp: 11428
Ion Ratio Lower Upper
93 100
95 83.2 66.6 99.8
174 78.4 69.0 103.6





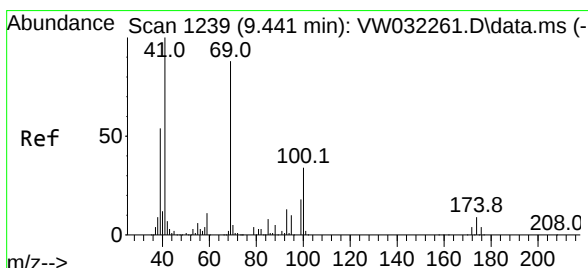
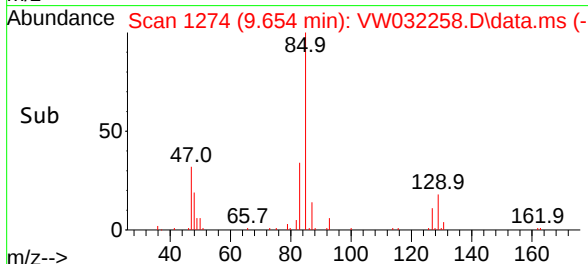
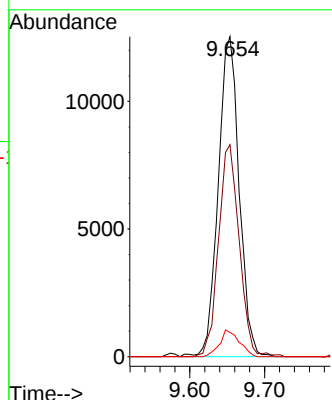
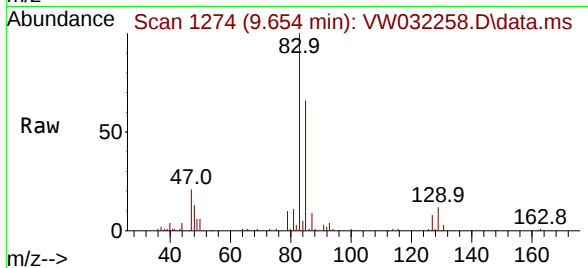
#47
Bromodichloromethane
Concen: 4.950 ug/l
RT: 9.654 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2443
Ion Ratio Lower Upper
83 100
85 66.3 50.3 75.5
127 7.6 5.6 8.4

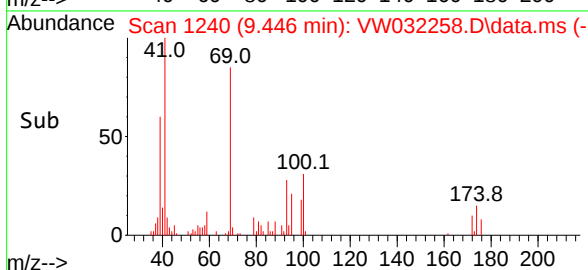
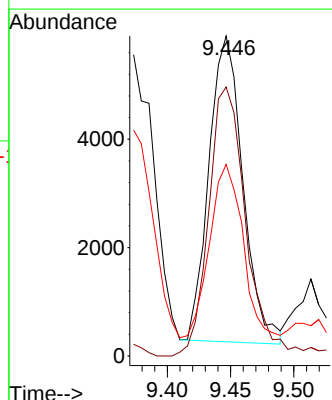
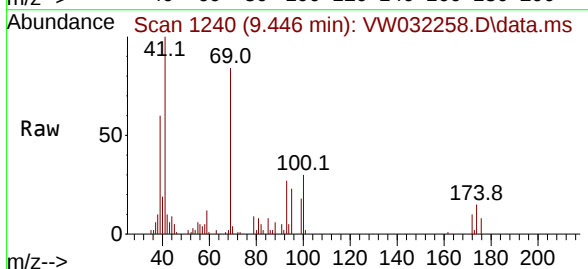
Manual Integrations
APPROVED

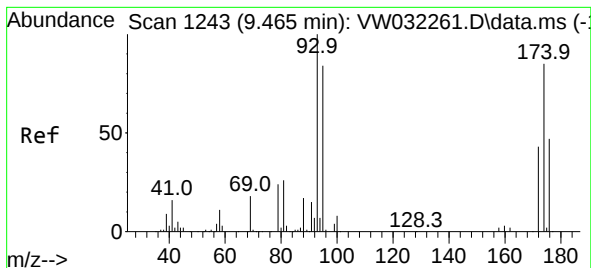
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#48
Methyl methacrylate
Concen: 4.362 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

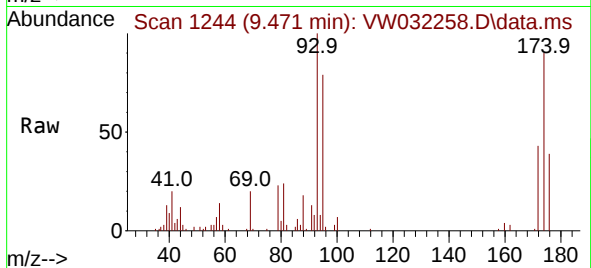
Tgt Ion: 41 Resp: 10520
Ion Ratio Lower Upper
41 100
69 97.3 71.4 107.0
39 64.2 46.9 70.3





#49
1,4-Dioxane
Concen: 87.105 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

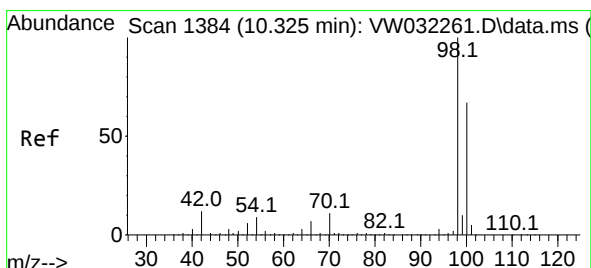
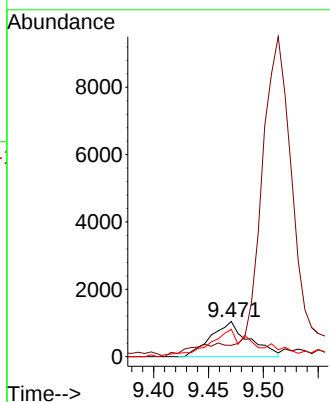
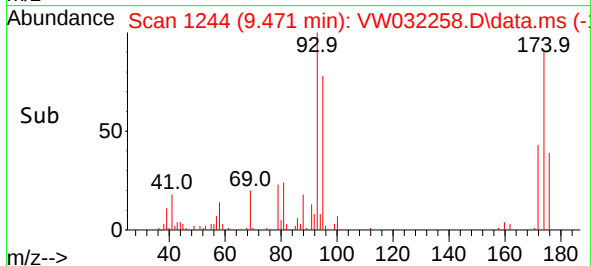
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 2529
Ion Ratio Lower Upper
88 100
43 40.1 0.0 0.0
58 79.8 62.9 94.3

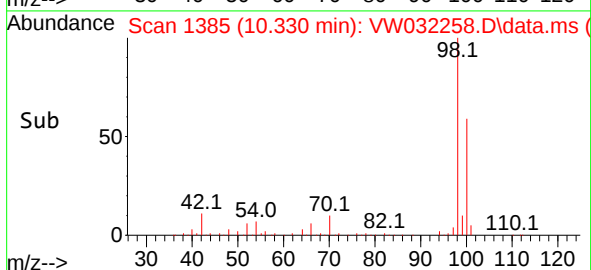
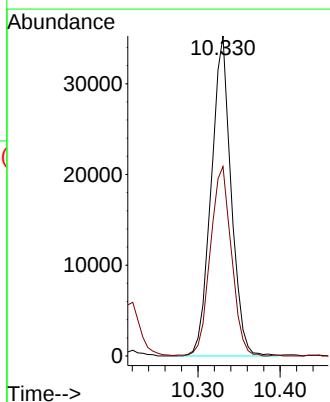
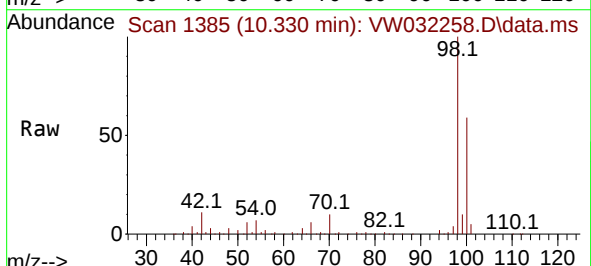
Manual Integrations
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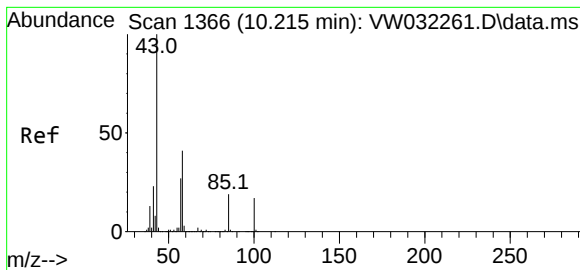
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#50
Toluene-d8
Concen: 5.148 ug/l
RT: 10.330 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

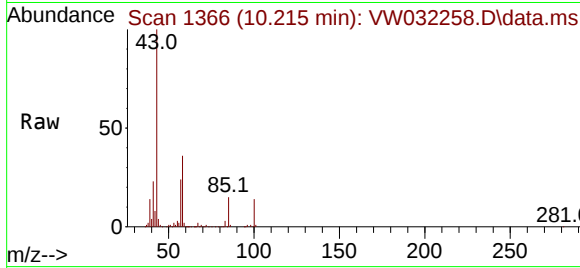
Tgt Ion: 98 Resp: 59424
Ion Ratio Lower Upper
98 100
100 62.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 23.984 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

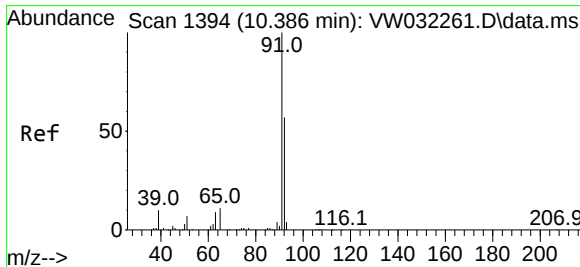
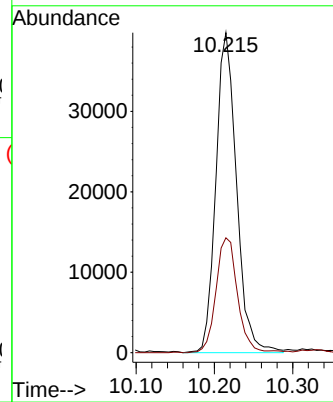
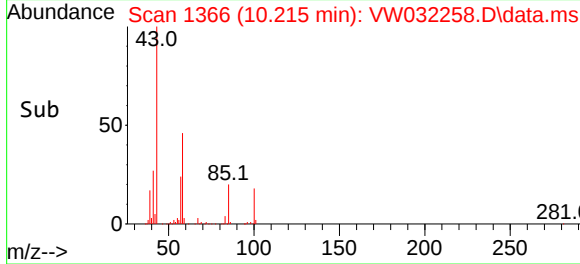
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



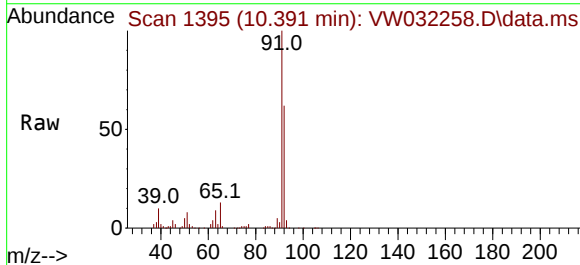
Tgt Ion: 43 Resp: 7290
Ion Ratio Lower Upper
43 100
58 37.7 32.3 48.5

Manual Integrations
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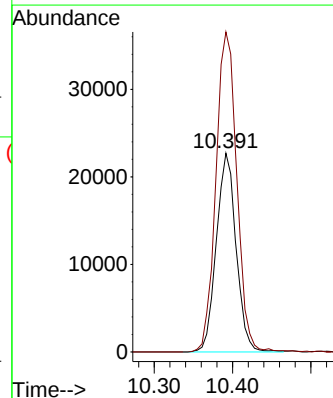
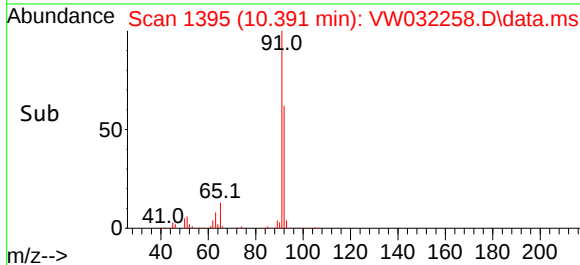
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

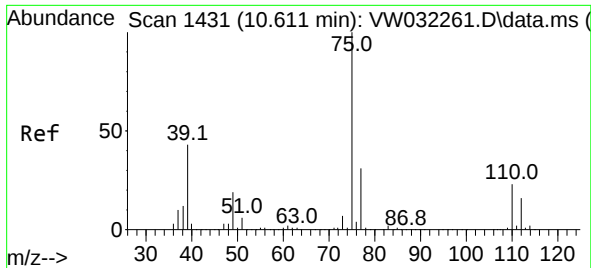


#52
Toluene
Concen: 4.725 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



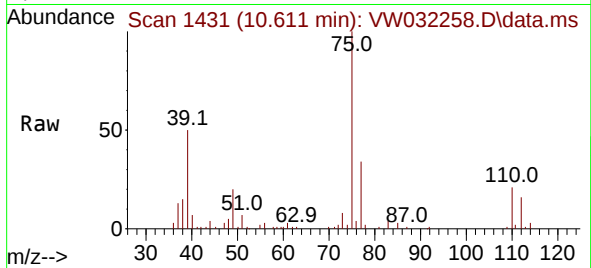
Tgt Ion: 92 Resp: 39810
Ion Ratio Lower Upper
92 100
91 170.4 139.2 208.8





#53
t-1,3-Dichloropropene
Concen: 4.330 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

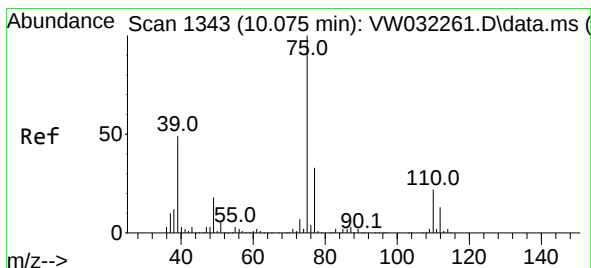
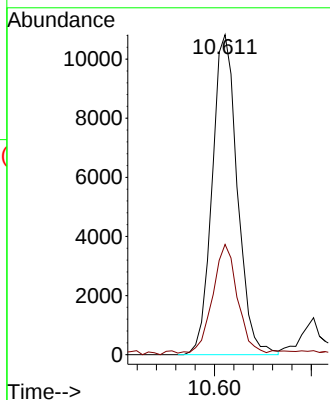
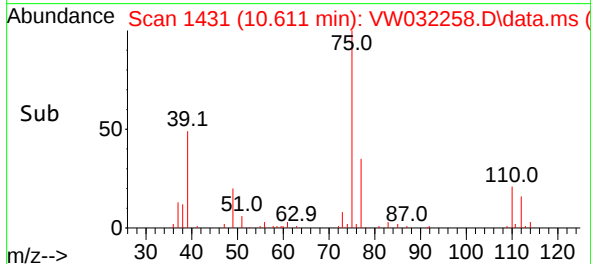
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 19584
Ion Ratio Lower Upper
75 100
77 34.0 24.6 37.0

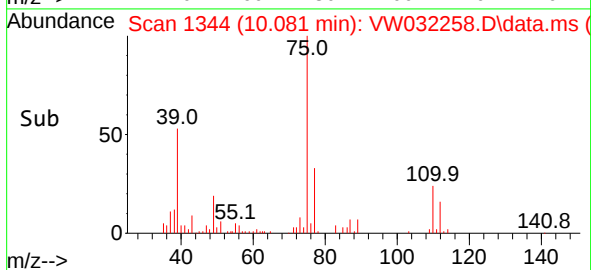
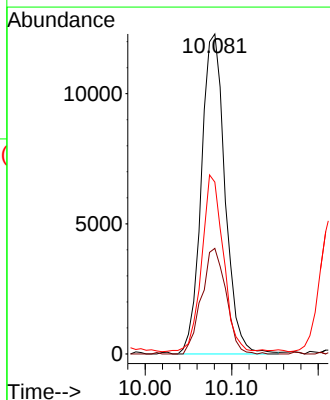
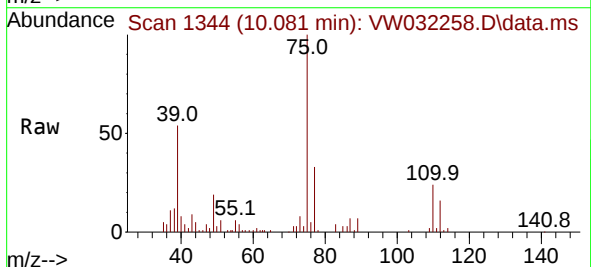
Manual Integrations
APPROVED

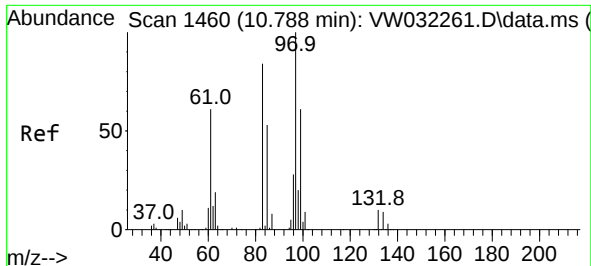
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#54
cis-1,3-Dichloropropene
Concen: 4.479 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

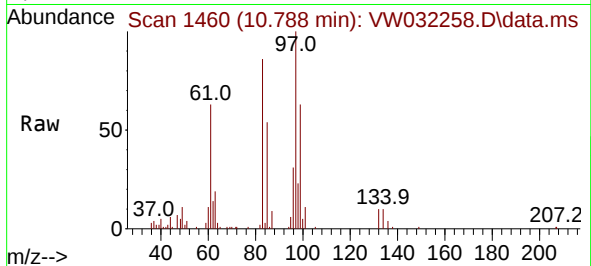
Tgt Ion: 75 Resp: 23388
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.4
39 52.6 39.0 58.6





#55
1,1,2-Trichloroethane
Concen: 5.171 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

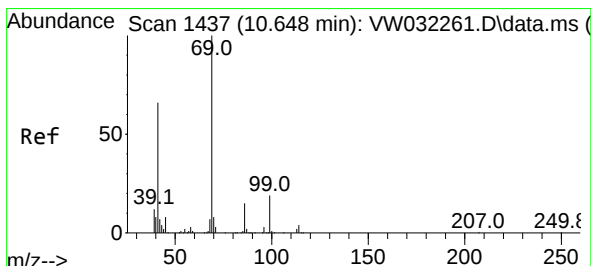
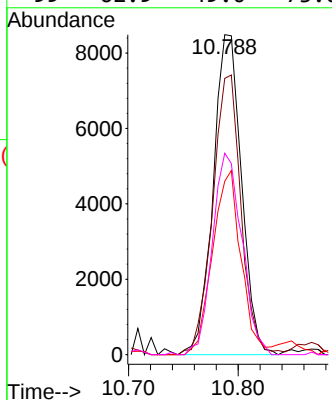
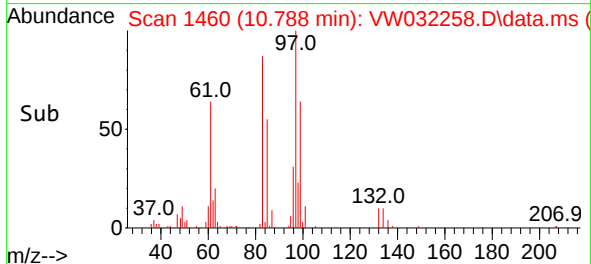
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.2
85	54.2	42.0	63.0
99	62.9	49.0	73.6

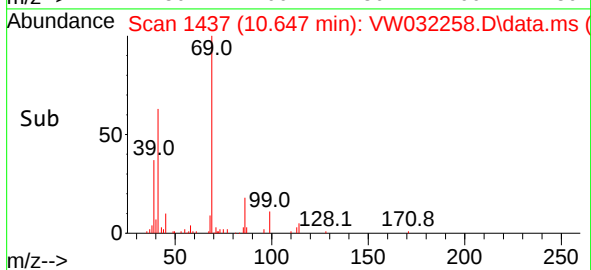
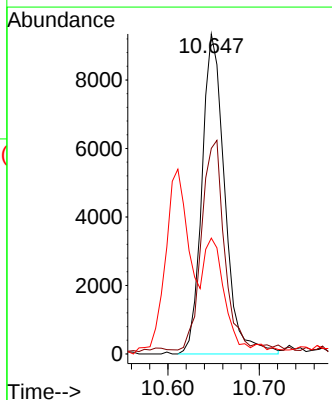
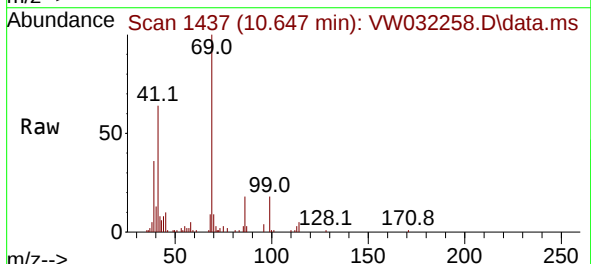
Manual Integrations
APPROVED

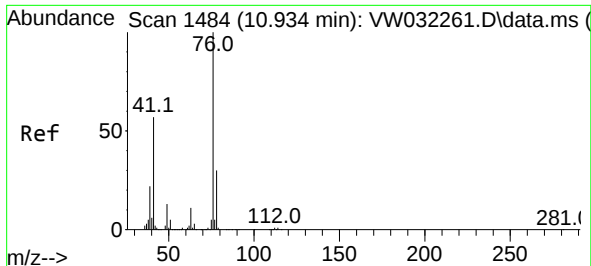
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#56
Ethyl methacrylate
Concen: 4.145 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

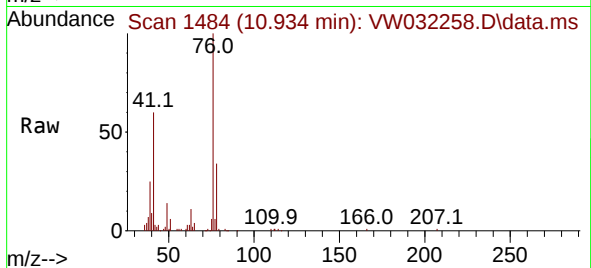
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.7	82.1
39	28.8	26.3	39.5





#57
1,3-Dichloropropane
Concen: 4.908 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

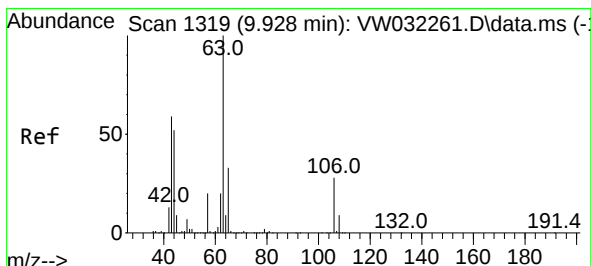
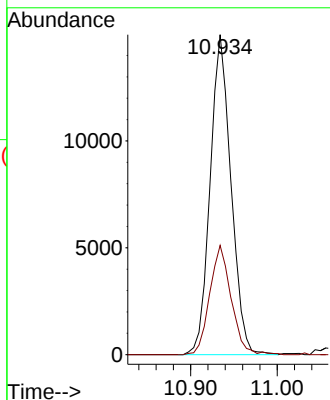
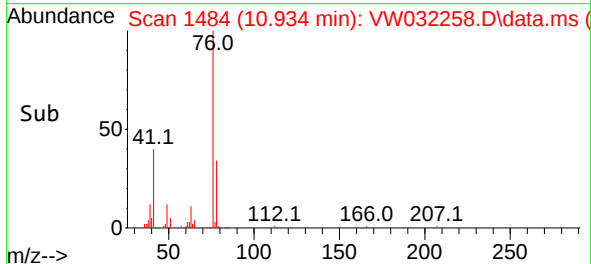
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



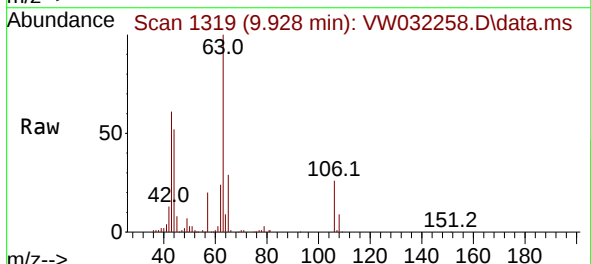
Tgt Ion: 76 Resp: 25050
Ion Ratio Lower Upper
76 100
78 35.1 25.3 37.9

Manual Integrations
APPROVED

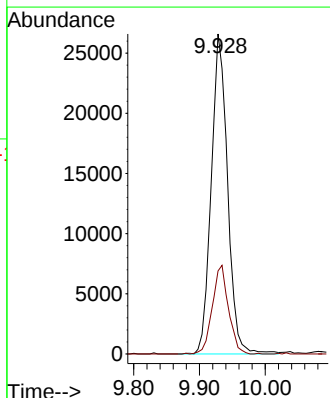
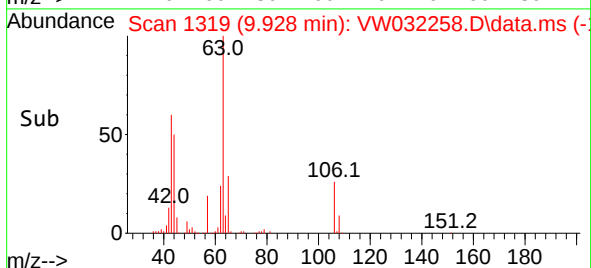
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

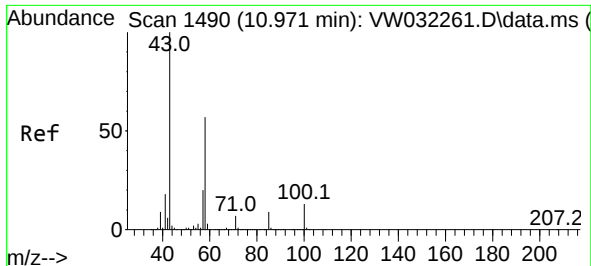


#58
2-Chloroethyl Vinyl ether
Concen: 21.490 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



Tgt Ion: 63 Resp: 45909
Ion Ratio Lower Upper
63 100
106 27.4 22.5 33.7





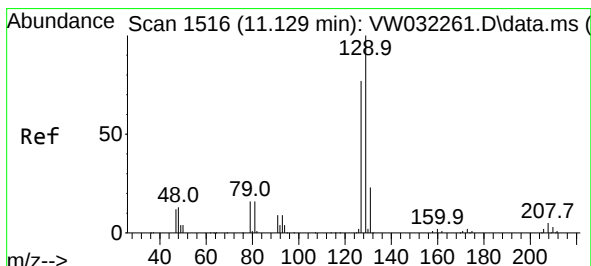
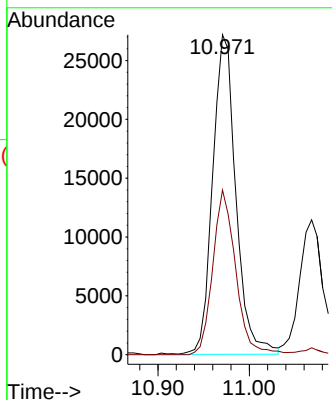
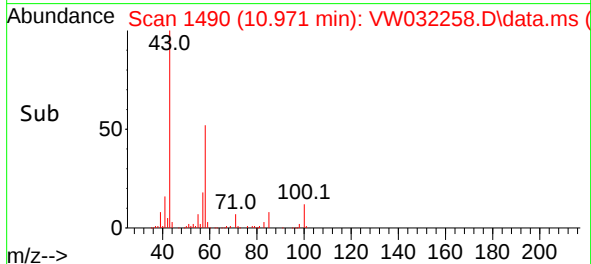
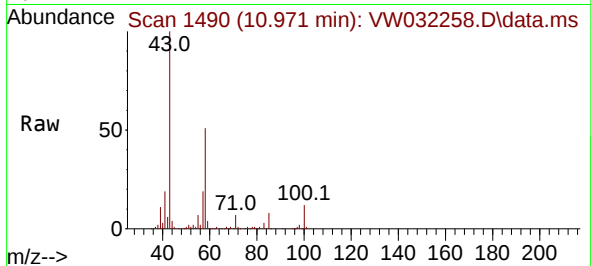
#59
2-Hexanone
Concen: 23.086 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 47919
Ion Ratio Lower Upper
43 100
58 50.9 27.9 83.6

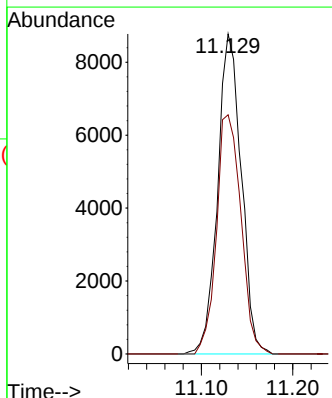
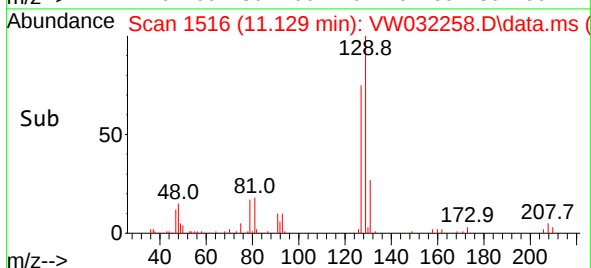
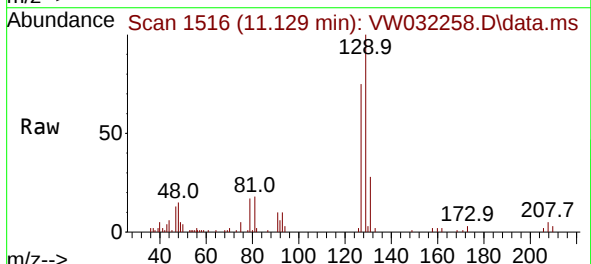
Manual Integrations
APPROVED

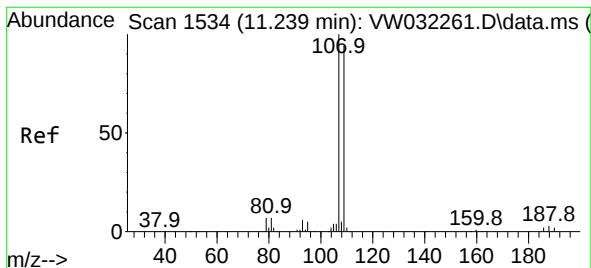
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#60
Dibromochloromethane
Concen: 4.854 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

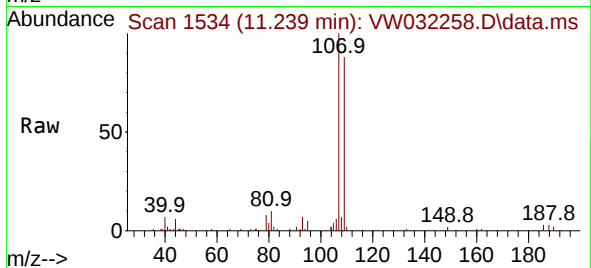
Tgt Ion:129 Resp: 15750
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 4.933 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

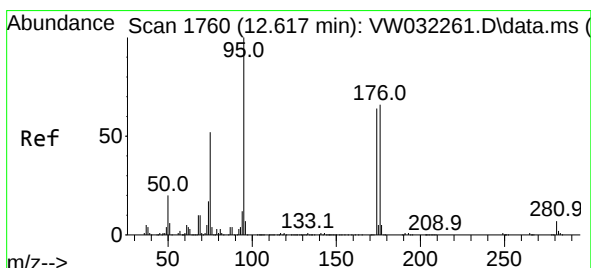
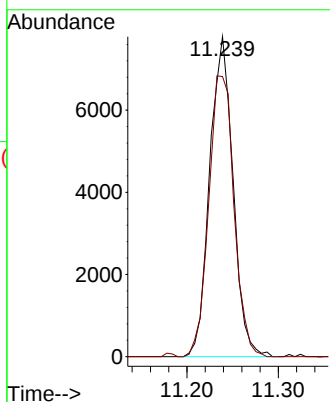
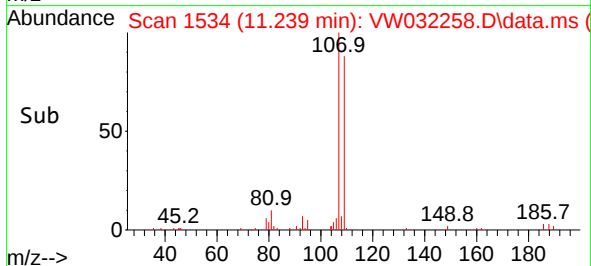
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



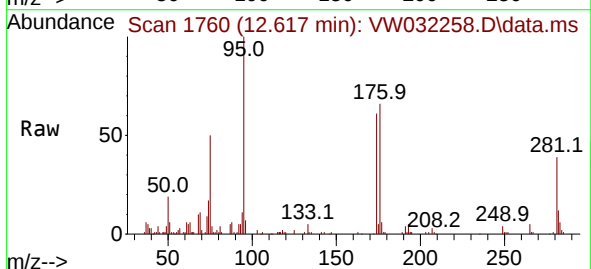
Tgt Ion:107 Resp: 1380
Ion Ratio Lower Upper
107 100
109 95.1 74.1 111.1

Manual Integrations
APPROVED

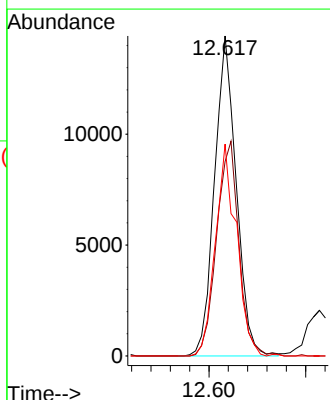
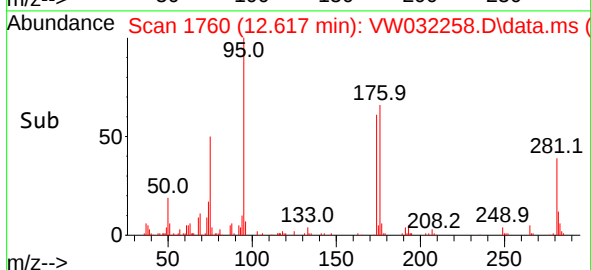
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

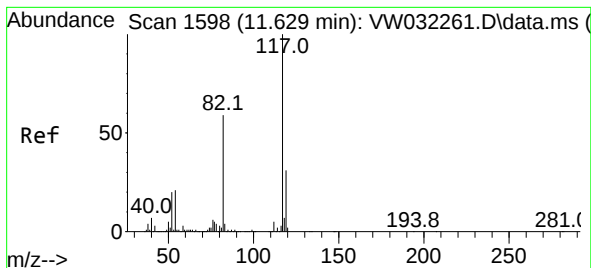


#62
4-Bromofluorobenzene
Concen: 5.169 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



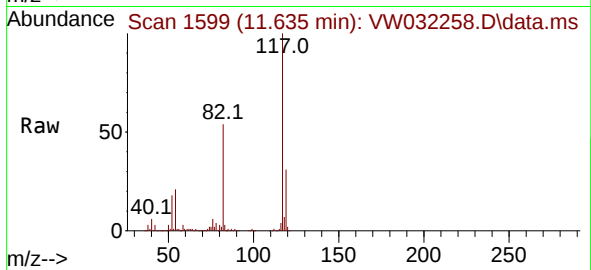
Tgt Ion: 95 Resp: 22506
Ion Ratio Lower Upper
95 100
174 68.5 0.0 130.6
176 64.0 0.0 127.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

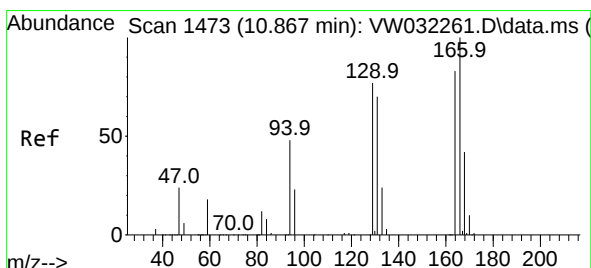
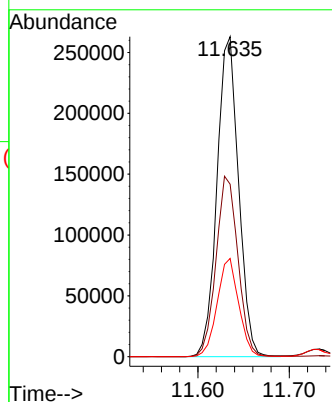
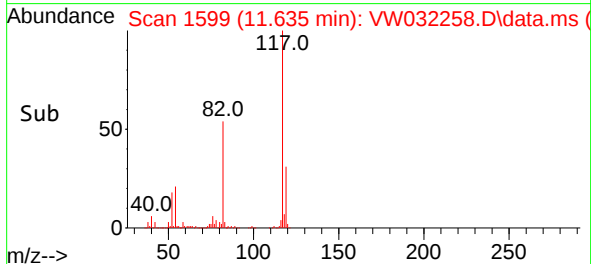
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 43149
Ion Ratio Lower Upper
117 100
82 53.9 46.9 70.3
119 30.7 24.9 37.3

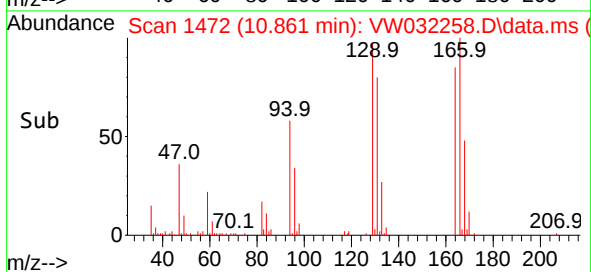
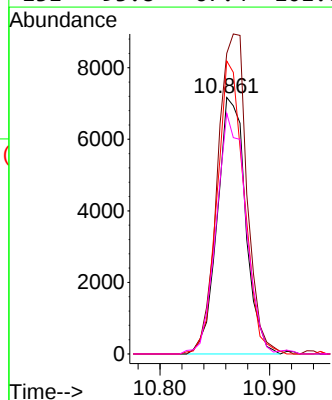
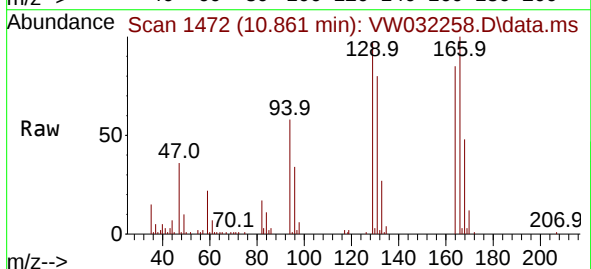
Manual Integrations
APPROVED

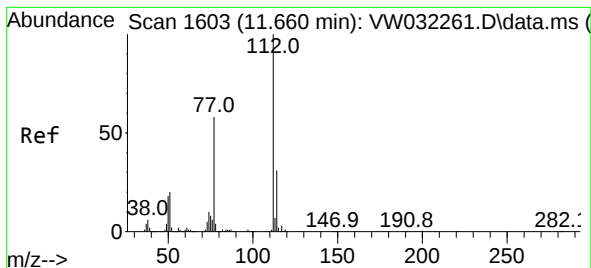
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#64
Tetrachloroethene
Concen: 4.875 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

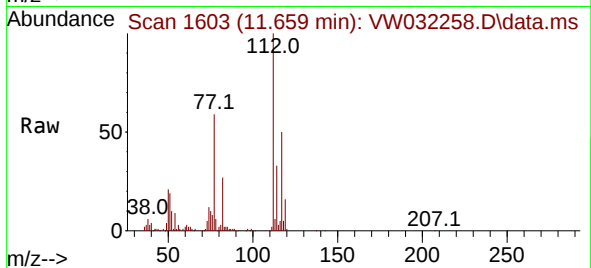
Tgt Ion:164 Resp: 12819
Ion Ratio Lower Upper
164 100
166 117.2 96.9 145.3
129 114.2 75.0 112.4#
131 93.8 67.4 101.0





#65
Chlorobenzene
Concen: 4.975 ug/l
RT: 11.659 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

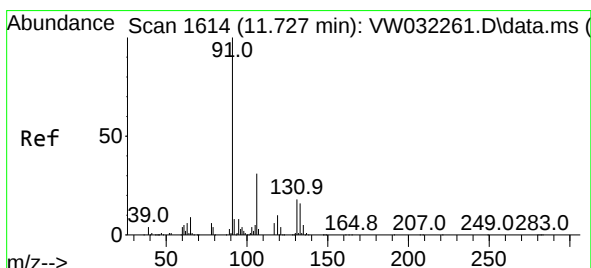
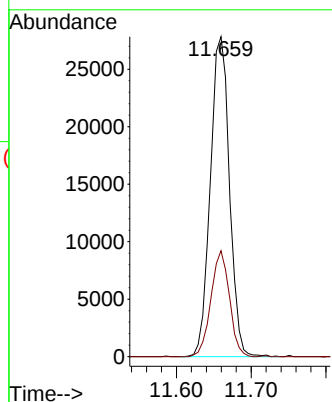
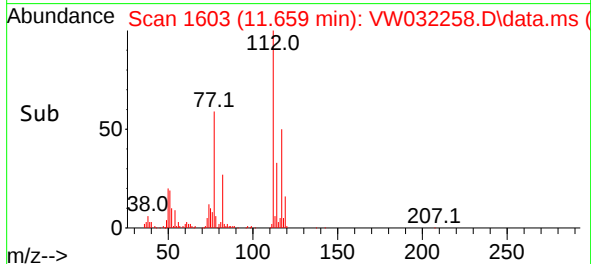
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



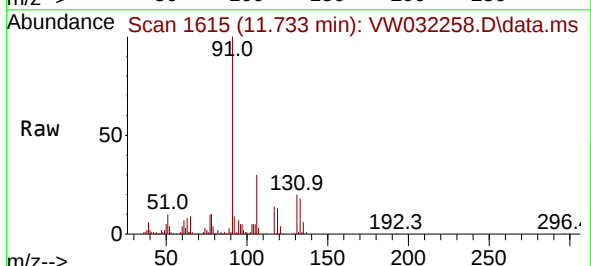
Tgt Ion:112 Resp: 4944
Ion Ratio Lower Upper
112 100
114 33.1 24.8 37.2

Manual Integrations
APPROVED

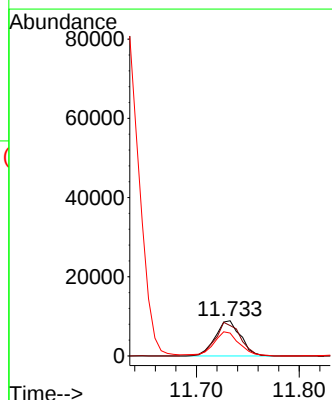
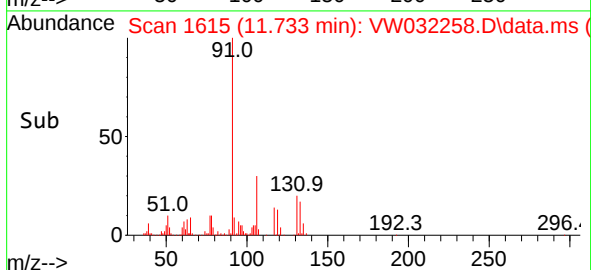
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

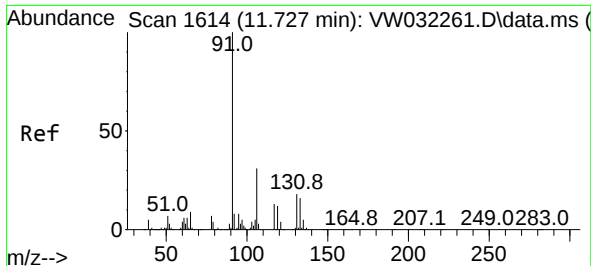


#66
1,1,1,2-Tetrachloroethane
Concen: 4.854 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



Tgt Ion:131 Resp: 15257
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.3
119 69.3 33.9 101.7





#67

Ethyl Benzene

Concen: 4.535 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 73779

Ion Ratio Lower Upper

91 100

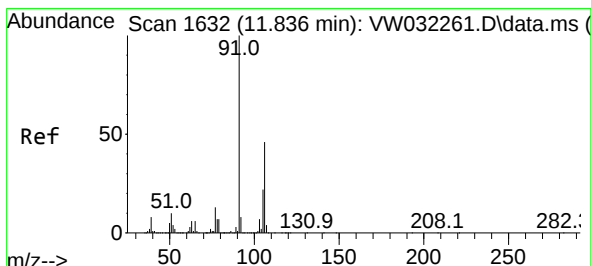
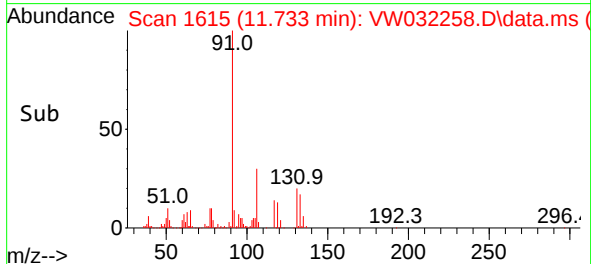
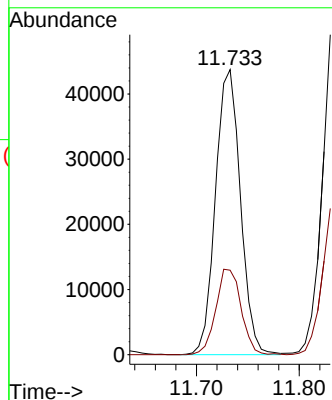
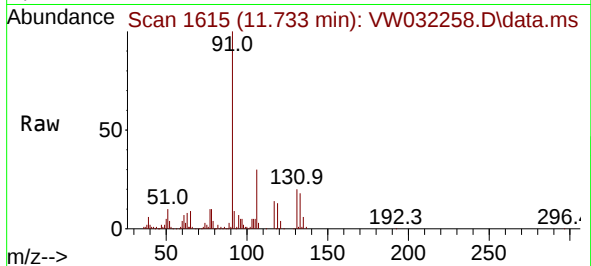
106 29.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025

Supervised By :Semsettin Yesilyurt 09/29/2025



#68

m/p-Xylenes

Concen: 8.952 ug/l

RT: 11.842 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW032258.D

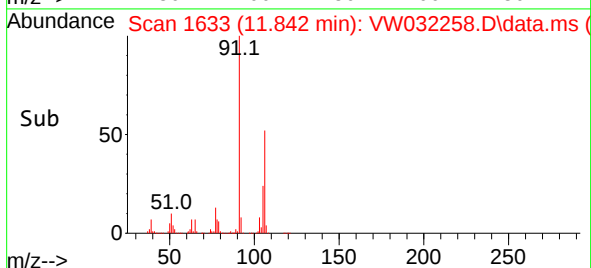
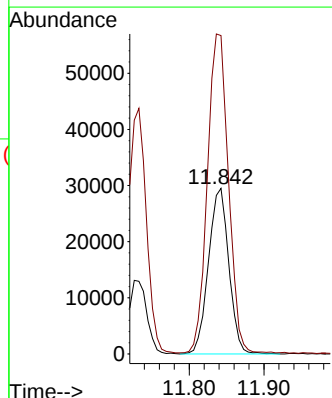
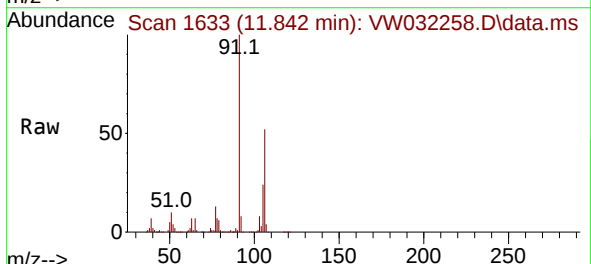
Acq: 25 Sep 2025 10:45

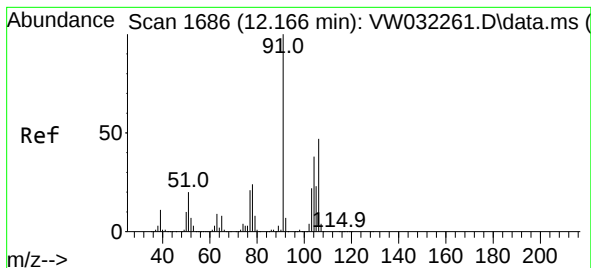
Tgt Ion:106 Resp: 55830

Ion Ratio Lower Upper

106 100

91 200.2 169.0 253.4





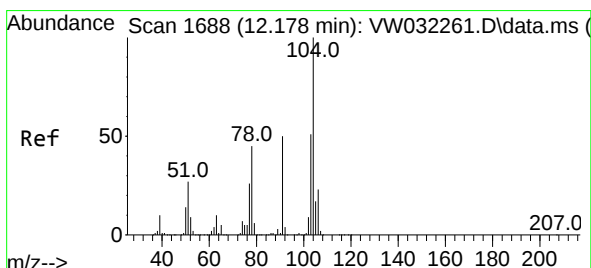
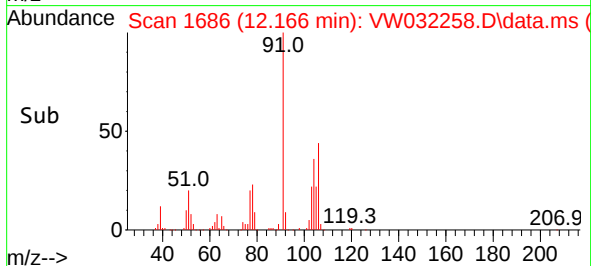
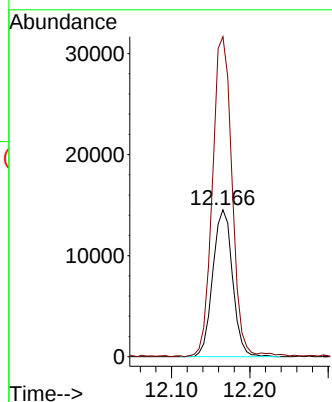
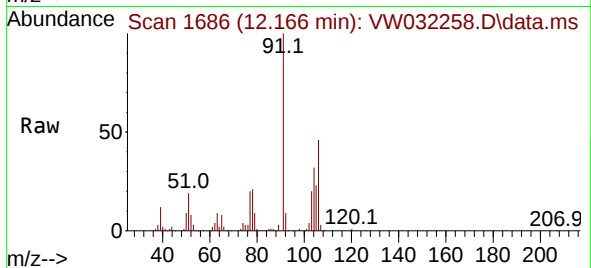
#69
o-Xylene
Concen: 4.343 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 25450
Ion Ratio Lower Upper
106 100
91 213.2 107.8 323.6

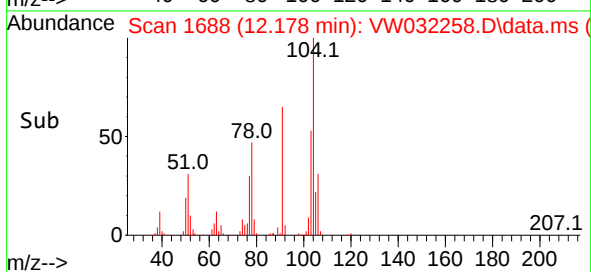
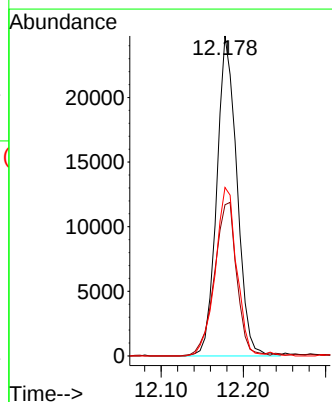
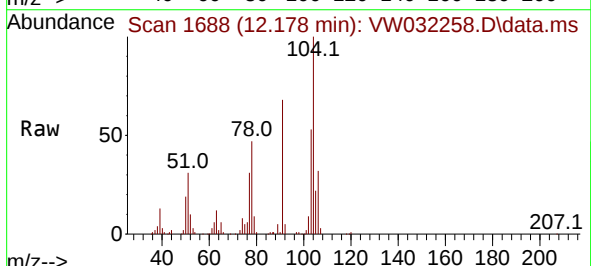
Manual Integrations
APPROVED

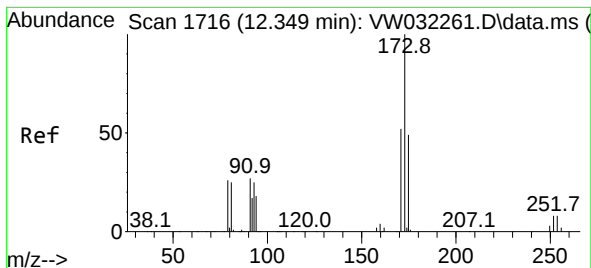
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#70
Styrene
Concen: 4.102 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

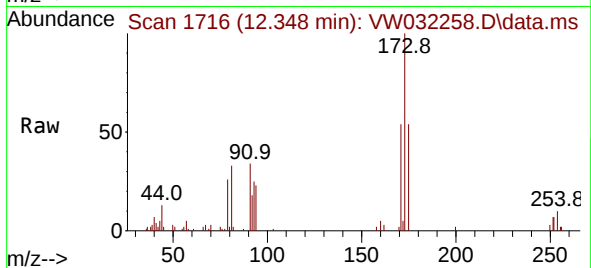
Tgt Ion:104 Resp: 42166
Ion Ratio Lower Upper
104 100
78 53.1 40.8 61.2
103 55.8 43.4 65.2





#71
Bromoform
Concen: 4.377 ug/l
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

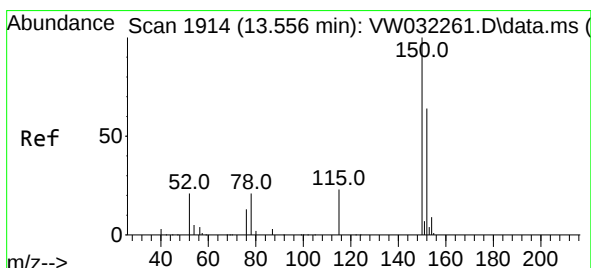
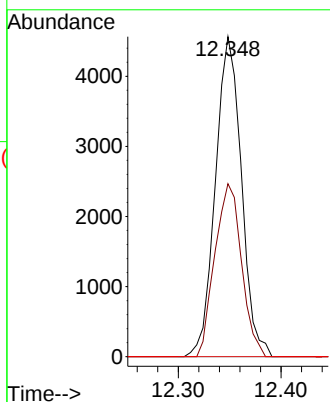
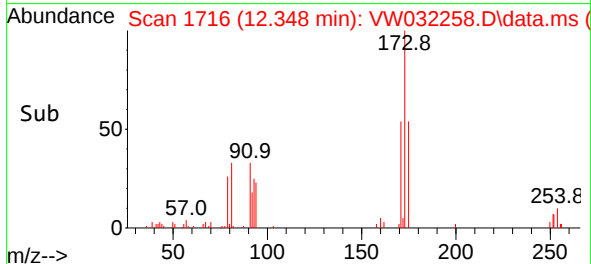
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



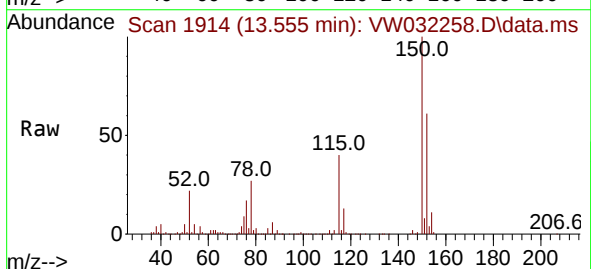
Tgt Ion:173 Resp: 8018
Ion Ratio Lower Upper
173 100
175 55.4 23.1 69.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

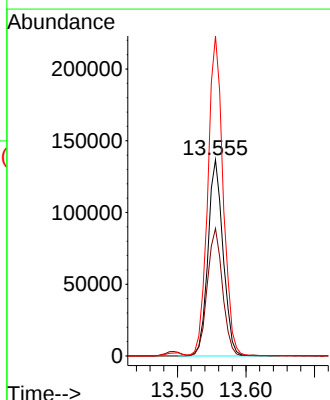
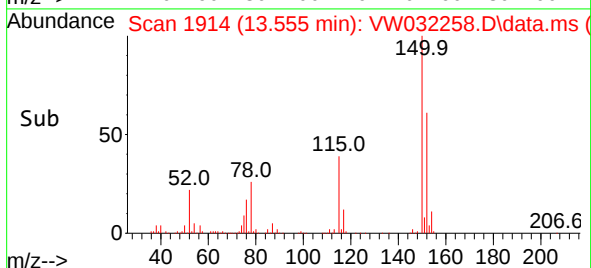
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

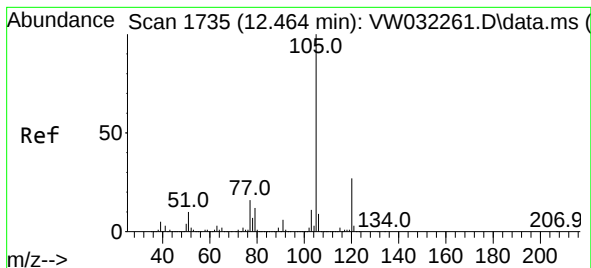


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



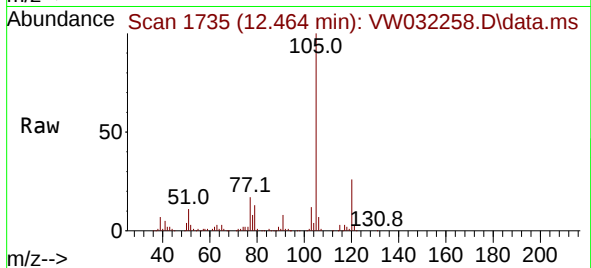
Tgt Ion:152 Resp: 209227
Ion Ratio Lower Upper
152 100
115 65.2 32.5 97.5
150 165.0 0.0 370.2





#73
Isopropylbenzene
Concen: 4.318 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

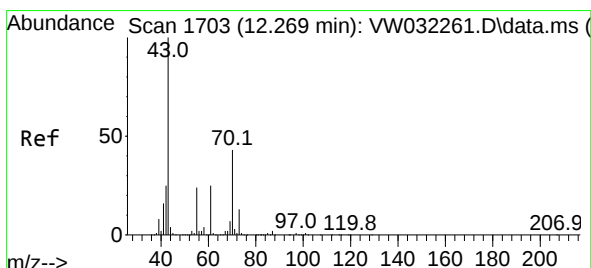
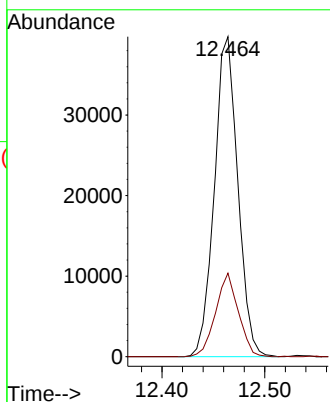
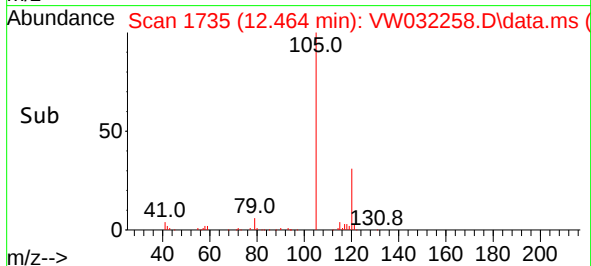
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005



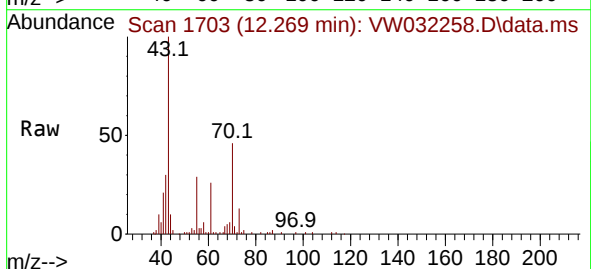
Tgt Ion:105 Resp: 62880
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.3

Manual Integrations
APPROVED

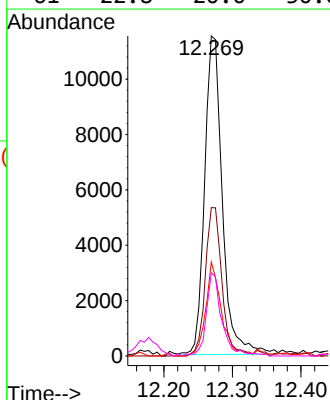
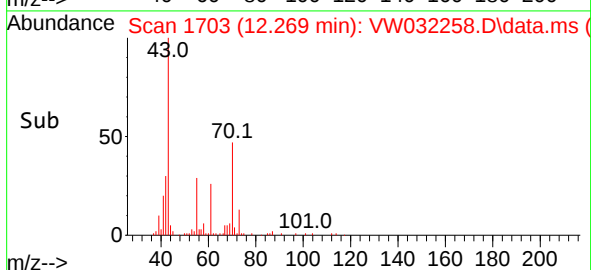
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

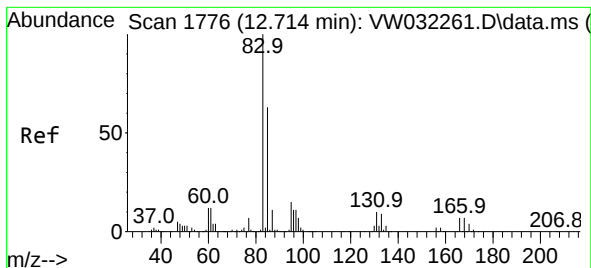


#74
N-ethyl acetate
Concen: 4.541 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



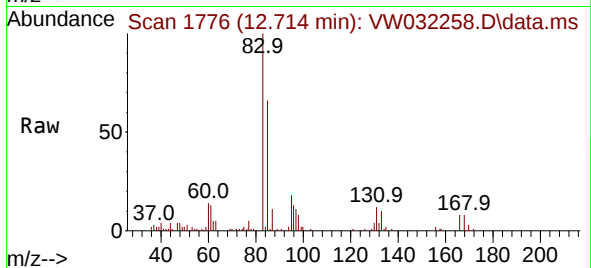
Tgt Ion: 43 Resp: 20827
Ion Ratio Lower Upper
43 100
70 43.5 35.0 52.4
55 26.2 20.6 31.0
61 22.8 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 5.233 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

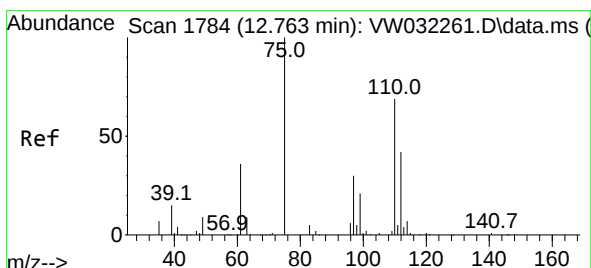
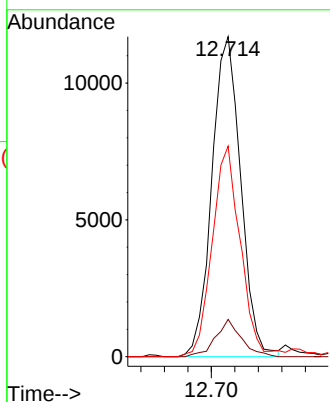
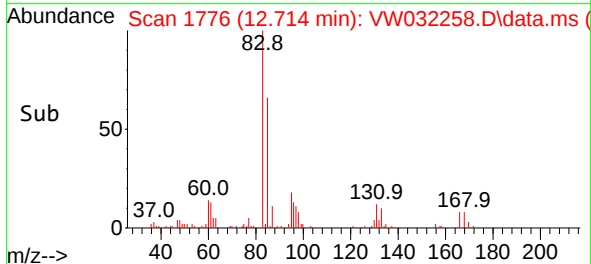
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 19979
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 63.6 31.9 95.7

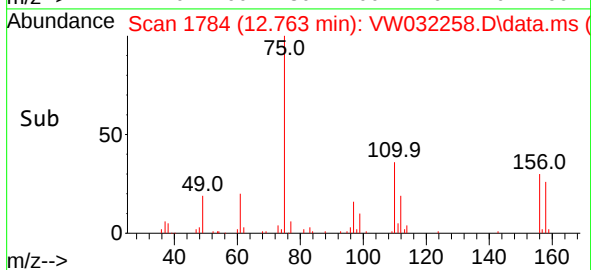
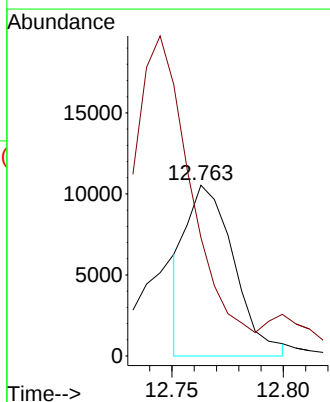
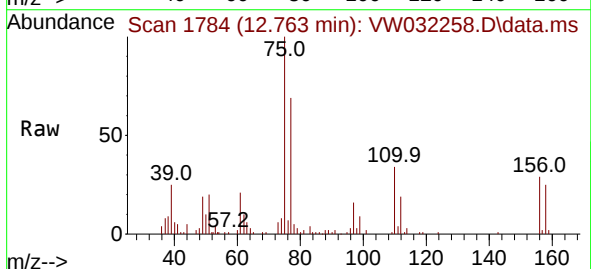
Manual Integrations
APPROVED

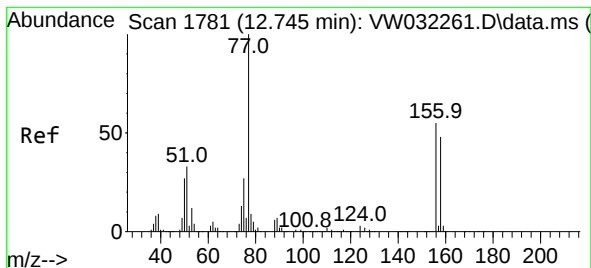
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#76
1,2,3-Trichloropropane
Concen: 4.781 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 75 Resp: 15732
Ion Ratio Lower Upper
75 100
77 238.9 140.9 422.7





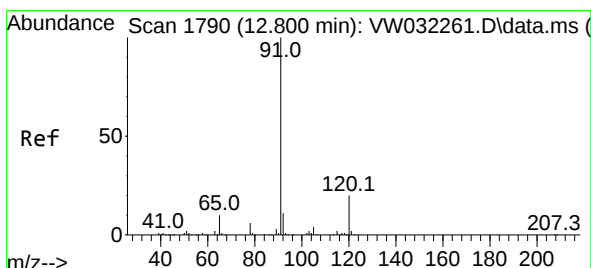
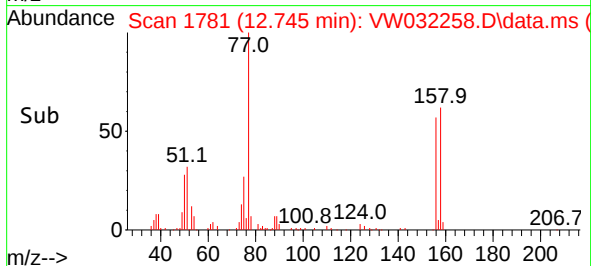
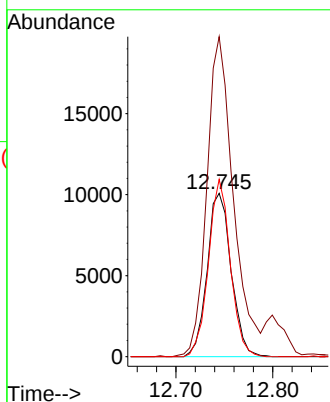
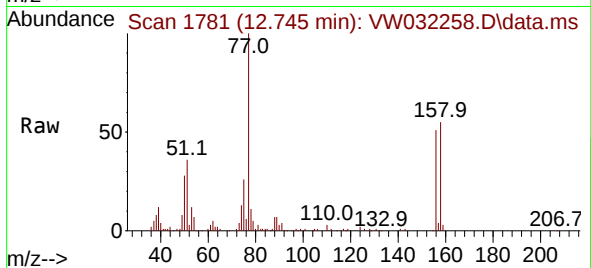
#77
Bromobenzene
Concen: 4.858 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 17400
Ion Ratio Lower Upper
156 100
77 216.0 103.3 309.8
158 98.8 45.4 136.2

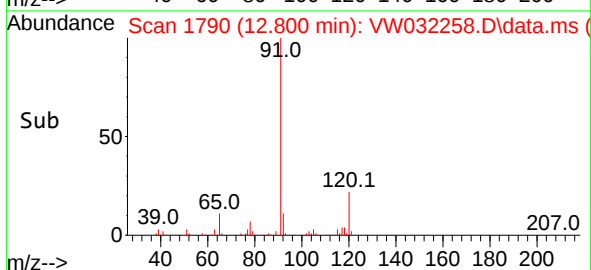
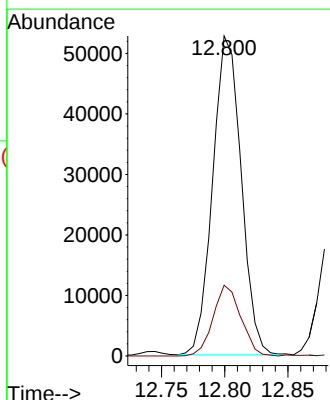
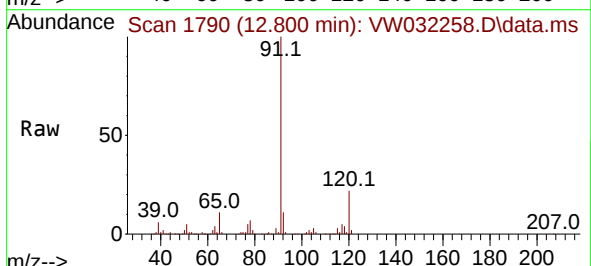
Manual Integrations
APPROVED

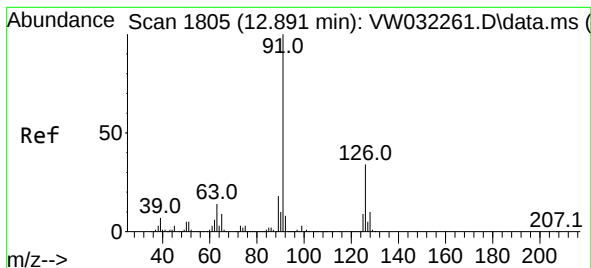
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#78
n-propylbenzene
Concen: 4.508 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 91 Resp: 82458
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





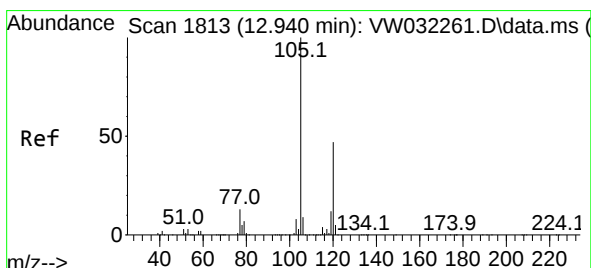
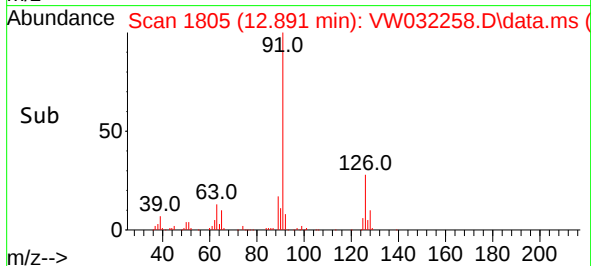
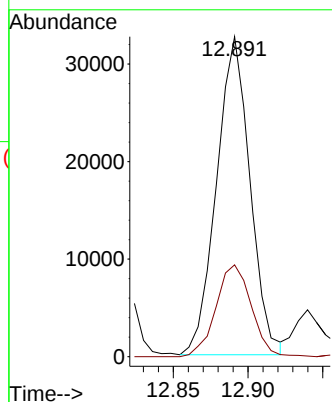
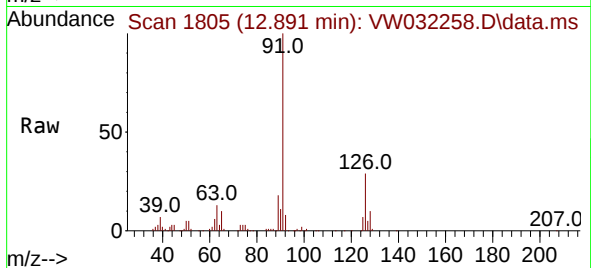
#79
2-Chlorotoluene
Concen: 4.584 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5079
Ion Ratio Lower Upper
91 100
126 30.4 16.3 48.8

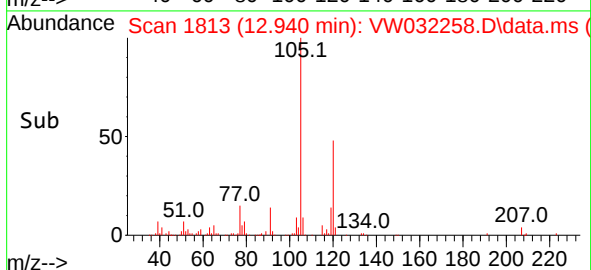
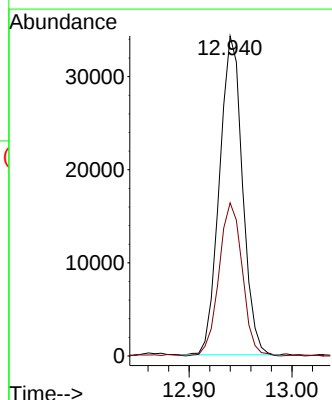
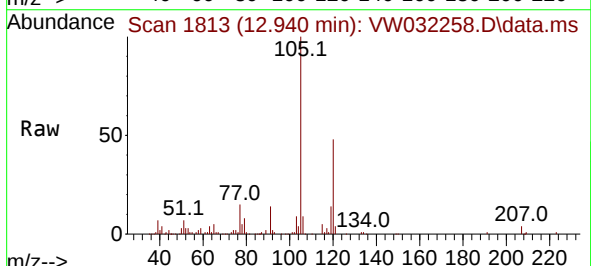
Manual Integrations
APPROVED

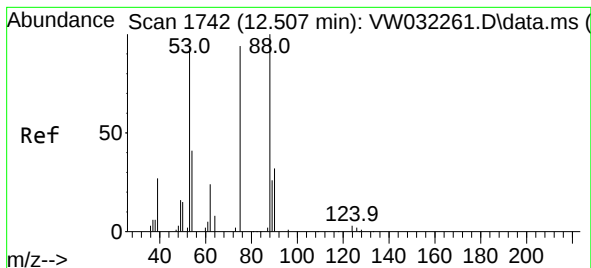
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.275 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:105 Resp: 53227
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.2





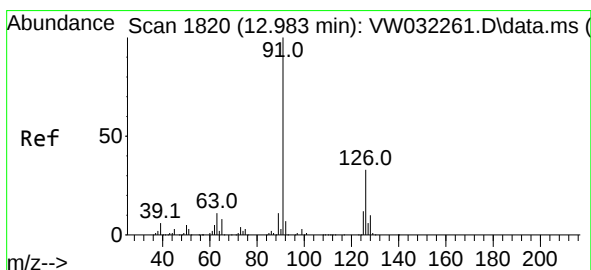
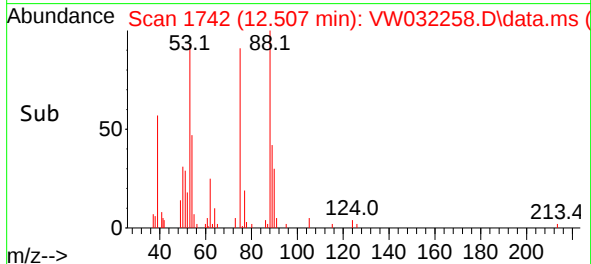
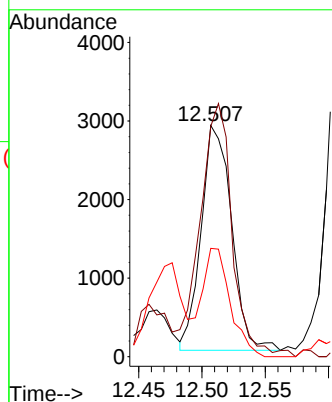
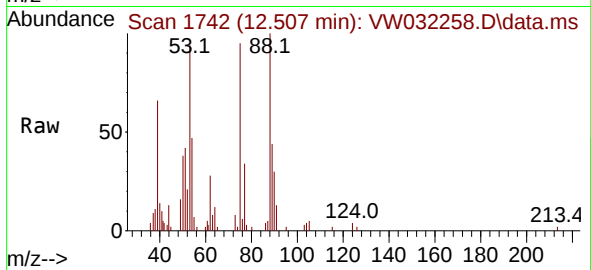
#81
trans-1,4-Dichloro-2-butene
Concen: 4.329 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 479
Ion Ratio Lower Upper
75 100
53 119.6 81.4 122.2
89 45.9 35.4 53.2

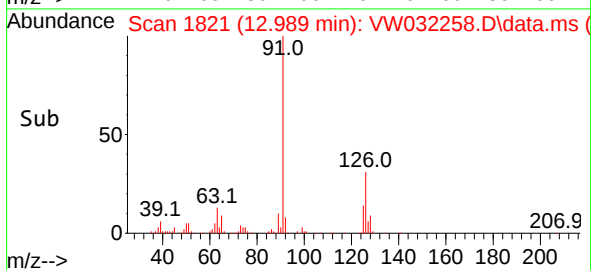
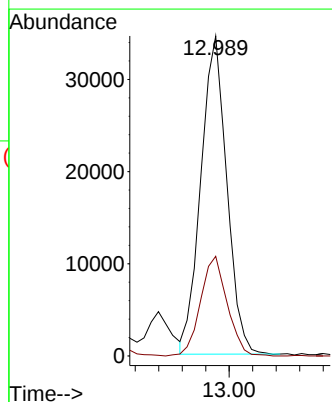
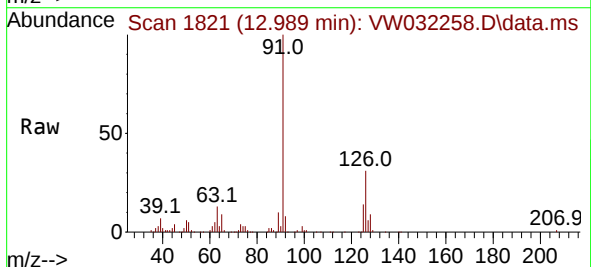
Manual Integrations
APPROVED

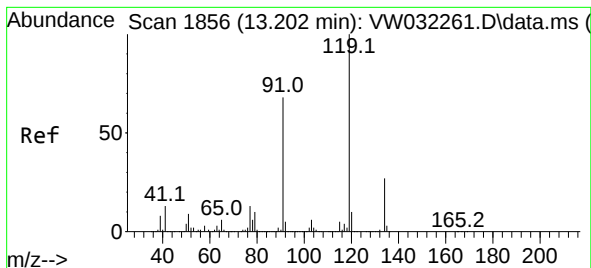
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#82
4-Chlorotoluene
Concen: 4.521 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

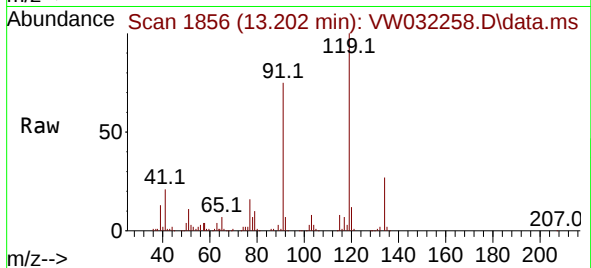
Tgt Ion: 91 Resp: 52940
Ion Ratio Lower Upper
91 100
126 32.1 16.5 49.5





#83
tert-Butylbenzene
Concen: 4.412 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

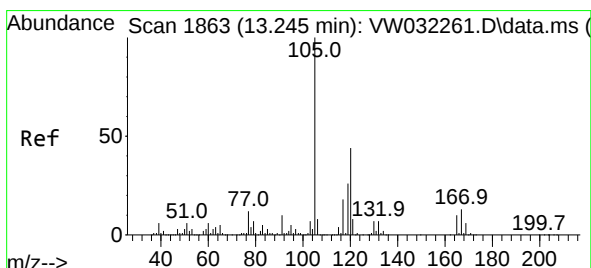
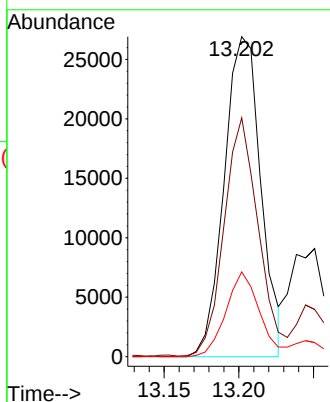
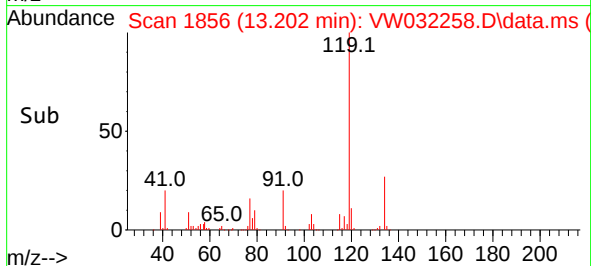
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



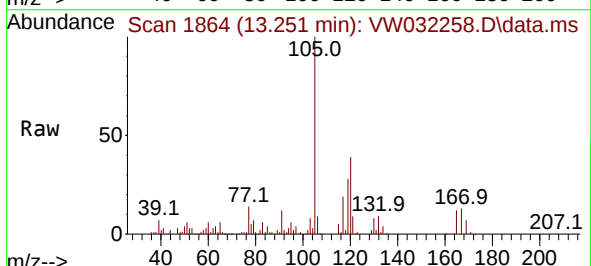
Tgt Ion:119 Resp: 4594
Ion Ratio Lower Upper
119 100
91 70.5 35.5 106.5
134 24.5 13.5 40.4

Manual Integrations
APPROVED

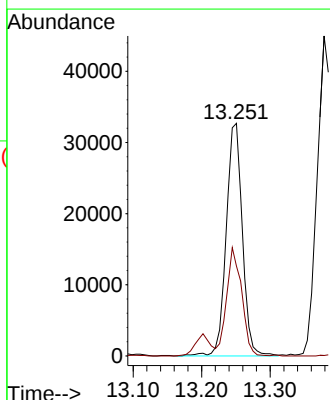
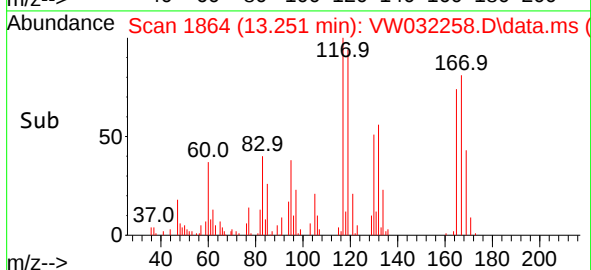
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

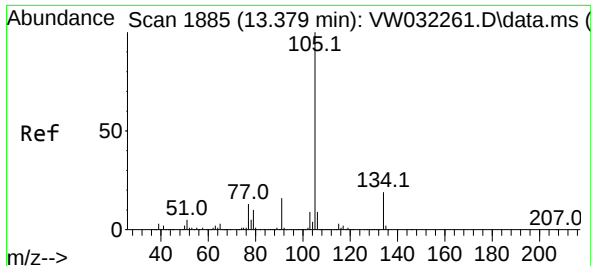


#84
1,2,4-Trimethylbenzene
Concen: 4.233 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



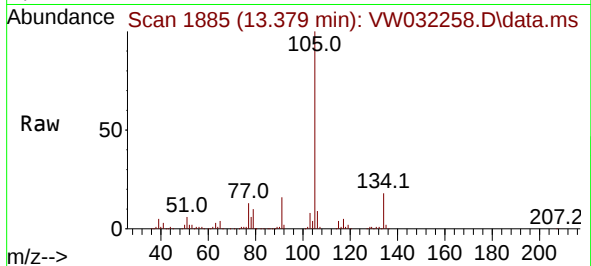
Tgt Ion:105 Resp: 53509
Ion Ratio Lower Upper
105 100
120 43.2 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 4.448 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

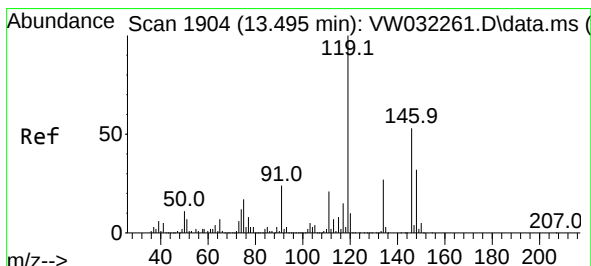
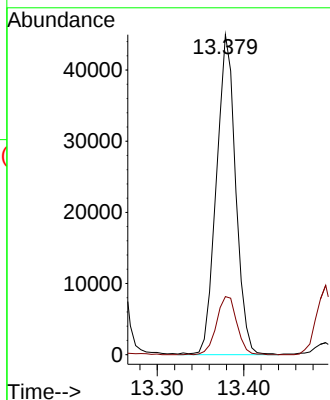
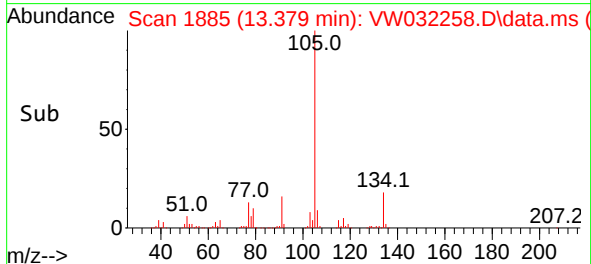
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005



Tgt Ion:105 Resp: 69549
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.5

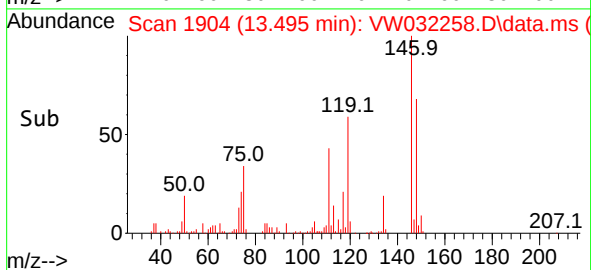
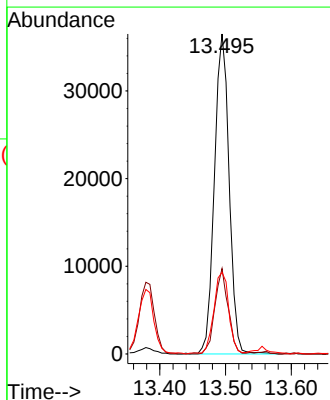
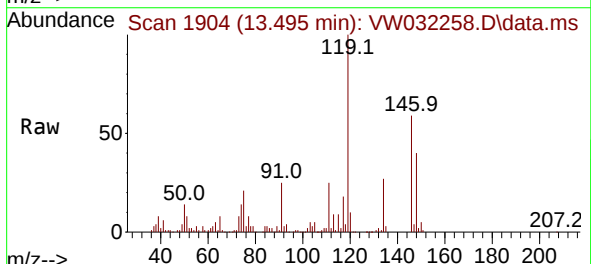
Manual Integrations
 APPROVED

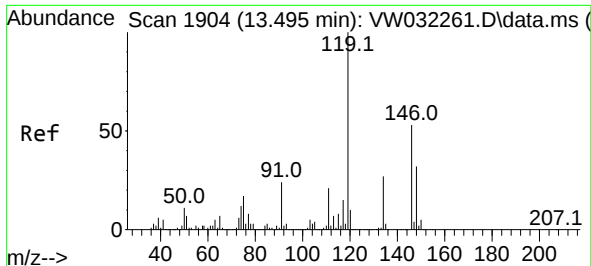
Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025



#86
 p-Isopropyltoluene
 Concen: 4.395 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032258.D
 Acq: 25 Sep 2025 10:45

Tgt Ion:119 Resp: 56914
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.5 37.5
 91 26.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 5.020 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

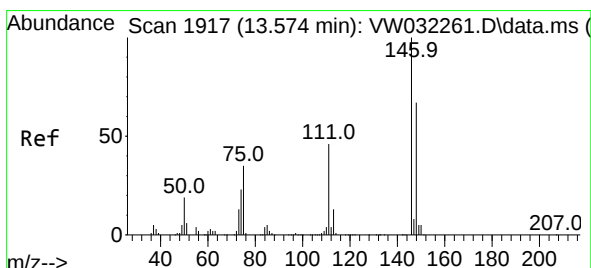
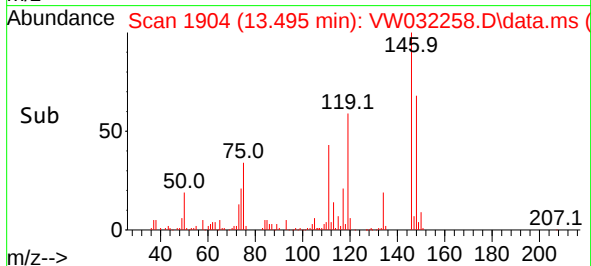
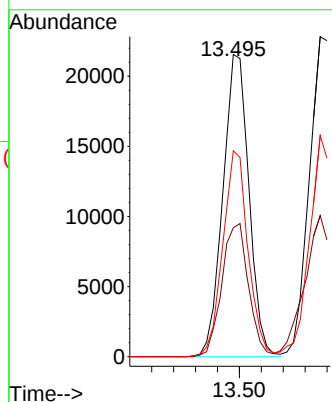
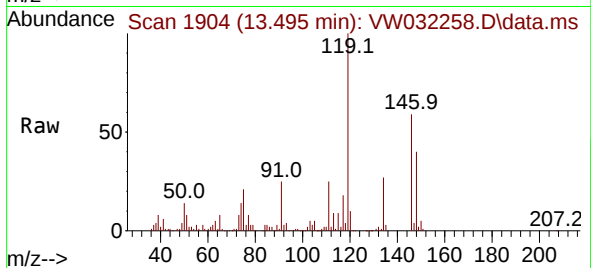
VSTDIC005

Tgt Ion:	146	Resp:	3556
Ion Ratio	Lower	Upper	
146	100		
111	45.0	21.9	65.5
148	65.9	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#88

1,4-Dichlorobenzene

Concen: 5.235 ug/l

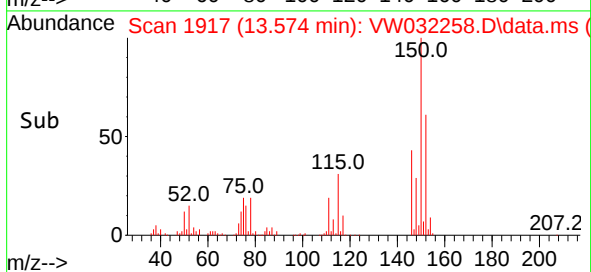
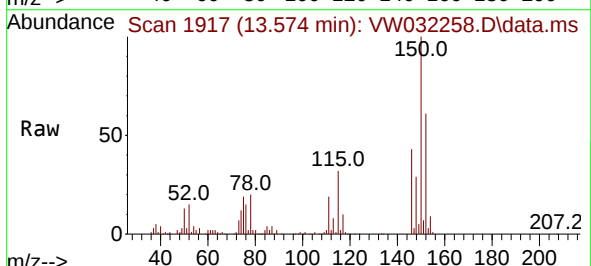
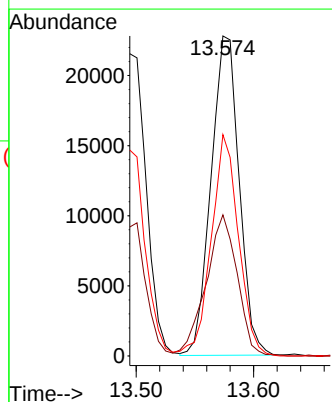
RT: 13.574 min Scan# 1917

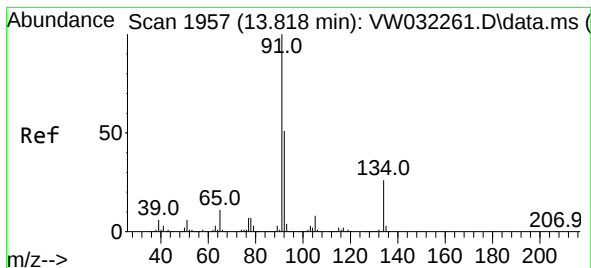
Delta R.T. -0.000 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Tgt Ion:	146	Resp:	37891
Ion Ratio	Lower	Upper	
146	100		
111	49.1	22.4	67.2
148	67.3	34.4	103.1





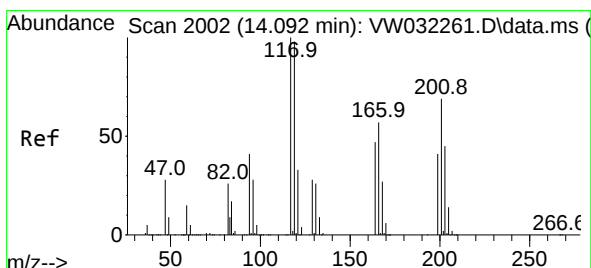
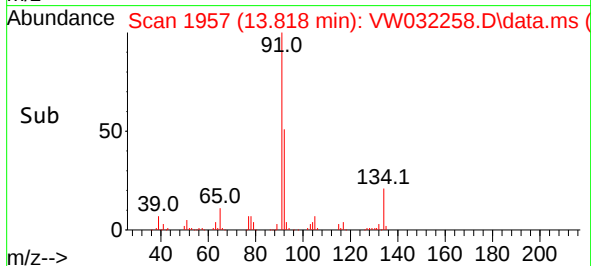
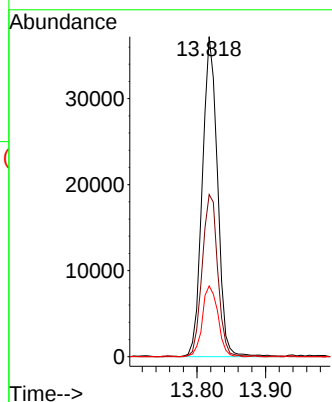
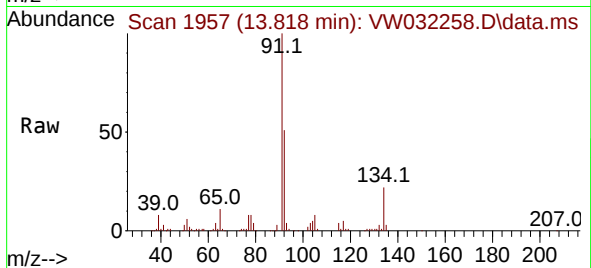
#89
n-Butylbenzene
Concen: 4.434 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 57629
Ion Ratio Lower Upper
91 100
92 51.8 26.7 80.1
134 22.7 12.3 36.8

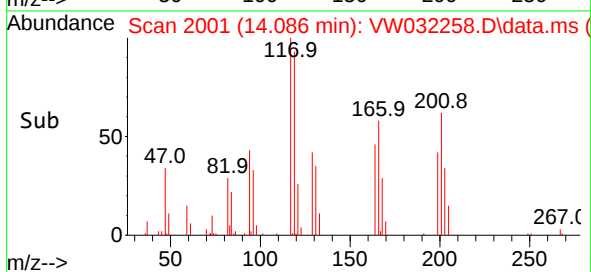
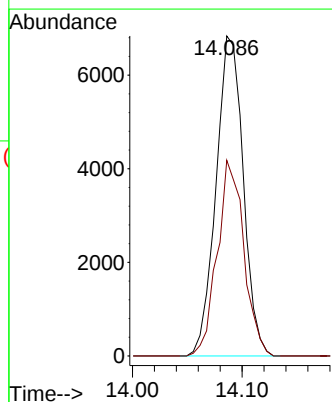
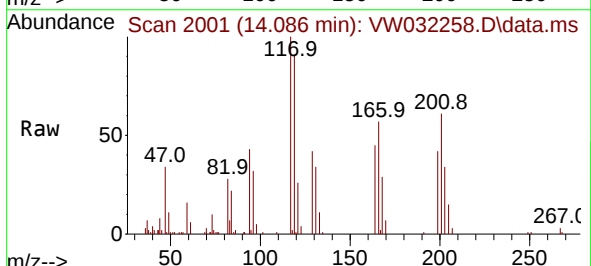
Manual Integrations
APPROVED

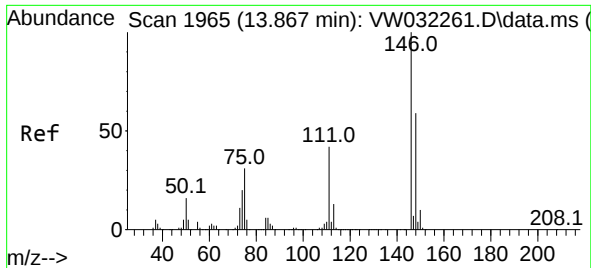
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#90
Hexachloroethane
Concen: 4.889 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:117 Resp: 11800
Ion Ratio Lower Upper
117 100
201 59.7 31.4 94.0





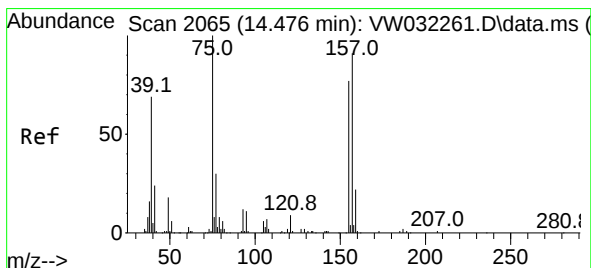
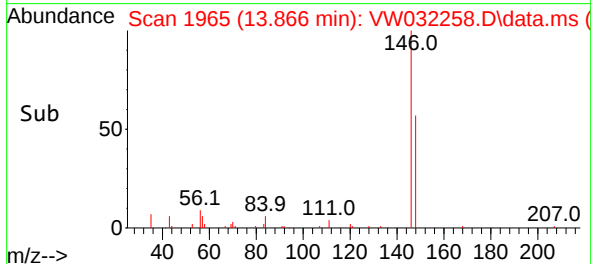
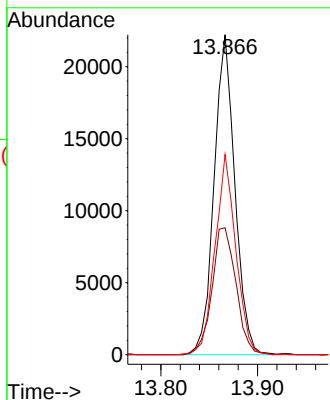
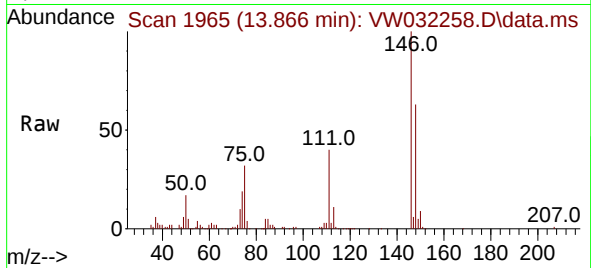
#91
1,2-Dichlorobenzene
Concen: 5.009 ug/l
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	146	Resp:	3319
Ion Ratio	Lower	Upper	
146	100		
111	45.7	21.9	65.8
148	62.7	31.9	95.5

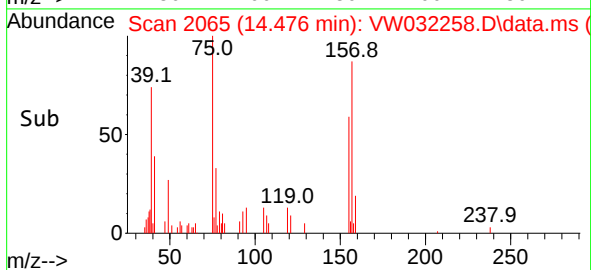
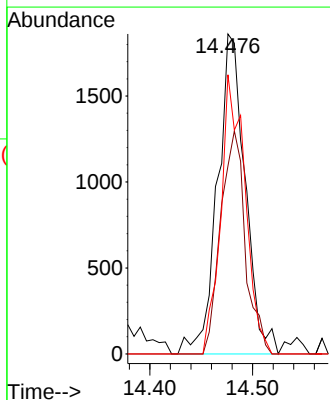
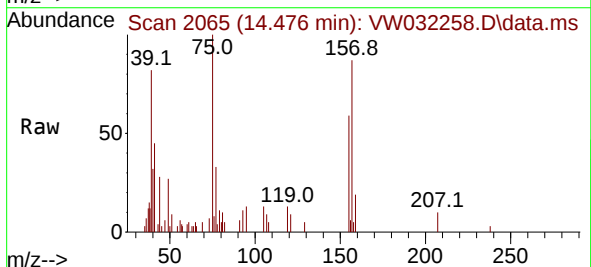
Manual Integrations
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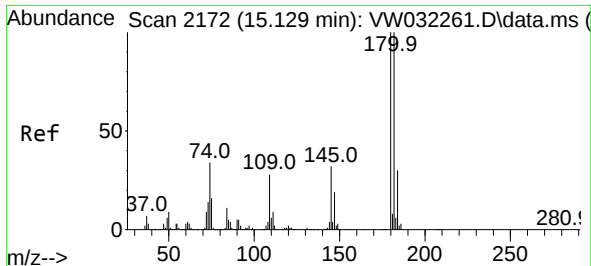
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.336 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:	75	Resp:	3485
Ion Ratio	Lower	Upper	
75	100		
155	62.1	38.2	114.6
157	76.2	47.0	141.0





#93

1,2,4-Trichlorobenzene

Concen: 4.525 ug/l

RT: 15.122 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

Instrument :

MSVOA_W

ClientSampleId :

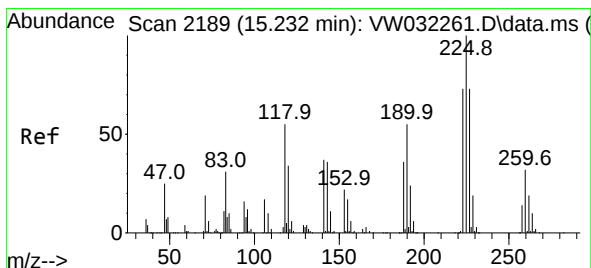
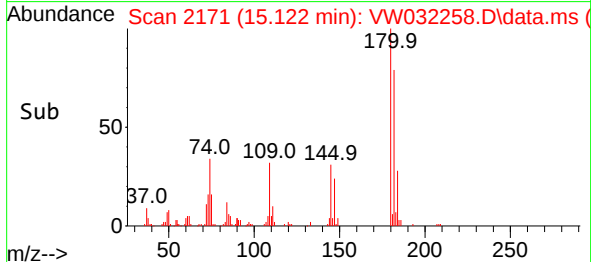
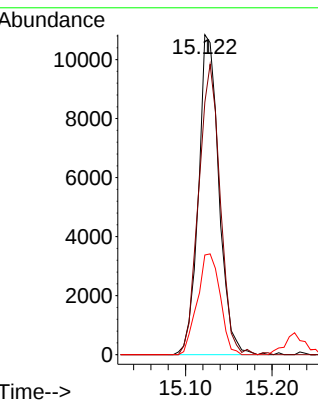
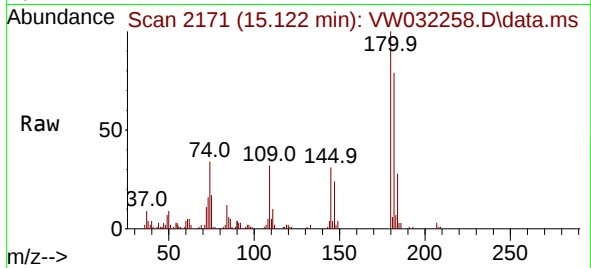
VSTDIC005

Tgt Ion:	180	Resp:	1779
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.4	145.3
145	35.2	16.9	50.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#94

Hexachlorobutadiene

Concen: 5.345 ug/l

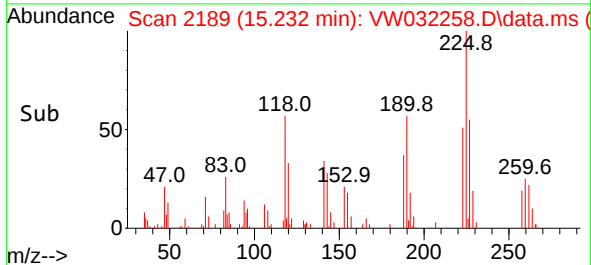
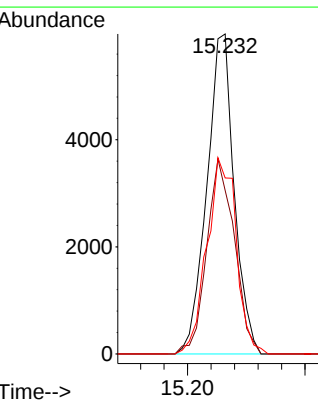
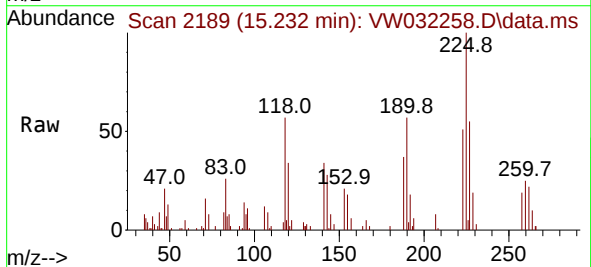
RT: 15.232 min Scan# 2189

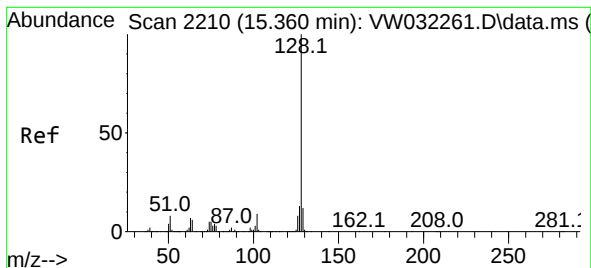
Delta R.T. -0.000 min

Lab File: VW032258.D

Acq: 25 Sep 2025 10:45

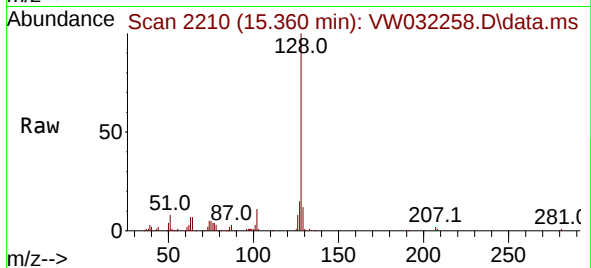
Tgt Ion:	225	Resp:	9652
Ion Ratio	Lower	Upper	
225	100		
223	61.8	36.4	109.2
227	65.6	36.4	109.2





#95
Naphthalene
Concen: 4.095 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

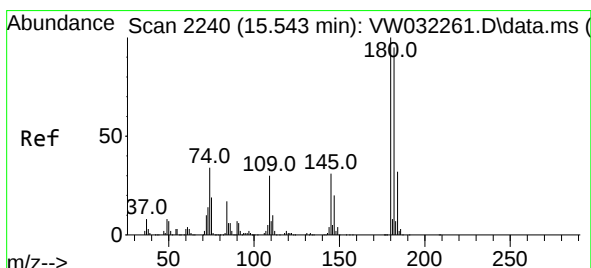
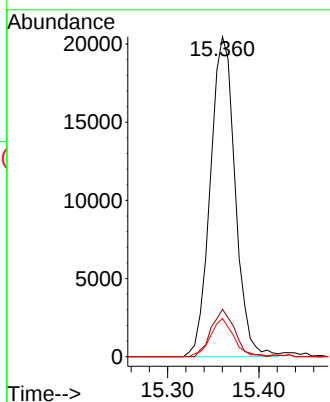
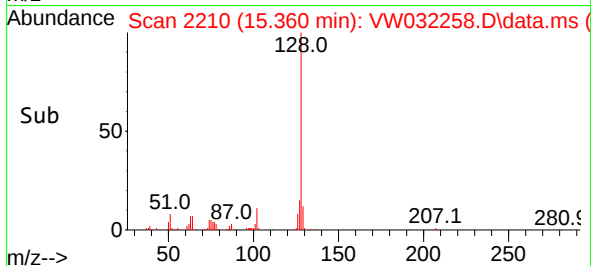
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



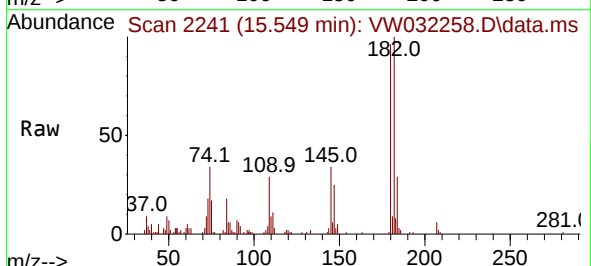
Tgt Ion:128 Resp: 38640
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 11.1 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.619 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45



Tgt Ion:180 Resp: 16886
Ion Ratio Lower Upper
180 100
182 98.3 45.5 136.4
145 35.3 18.1 54.1

