

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031990.D
 Acq On : 04 Aug 2025 10:42
 Operator : SY/MD
 Sample : VW0804SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025

Quant Time: Aug 05 01:15:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	219677	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	423534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	380864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	179411	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	170632	51.346	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 102.700%	
35) Dibromofluoromethane	7.904	113	146494	50.902	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 101.800%	
50) Toluene-d8	10.325	98	539638	49.543	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	12.617	95	203294	48.607	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 97.220%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	26969	16.518	ug/l	92
3) Chloromethane	2.253	50	39573	18.884	ug/l	95
4) Vinyl Chloride	2.405	62	46456	17.066	ug/l	94
5) Bromomethane	2.820	94	38341	19.127	ug/l	92
6) Chloroethane	2.966	64	35170	19.575	ug/l	94
7) Trichlorofluoromethane	3.308	101	47753	17.320	ug/l	97
8) Diethyl Ether	3.722	74	35349	19.193	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	50027	18.864	ug/l	99
10) Methyl Iodide	4.314	142	74729	18.847	ug/l	99
11) Tert butyl alcohol	5.228	59	21265	108.862	ug/l	98
12) 1,1-Dichloroethene	4.082	96	53732	18.344	ug/l	95
13) Acrolein	3.923	56	15380	48.720	ug/l	95
14) Allyl chloride	4.704	41	84880	18.614	ug/l	98
15) Acrylonitrile	5.405	53	82618	100.337	ug/l	99
16) Acetone	4.161	43	92116	116.814	ug/l	98
17) Carbon Disulfide	4.417	76	137025	18.037	ug/l	100
18) Methyl Acetate	4.716	43	45053	20.737	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	102120	20.177	ug/l	99
20) Methylene Chloride	4.954	84	64797	16.052	ug/l	94
21) trans-1,2-Dichloroethene	5.454	96	59431	19.123	ug/l	95
22) Diisopropyl ether	6.344	45	179039	19.622	ug/l	100
23) Vinyl Acetate	6.283	43	575976	96.623	ug/l	99
24) 1,1-Dichloroethane	6.246	63	111357	19.602	ug/l	99
25) 2-Butanone	7.197	43	116436	107.917	ug/l	98
26) 2,2-Dichloropropane	7.191	77	61574	19.145	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	72447	19.828	ug/l	97
28) Bromochloromethane	7.526	49	45477	19.119	ug/l	95
29) Tetrahydrofuran	7.557	42	71209	100.665	ug/l	99
30) Chloroform	7.697	83	119499	20.062	ug/l	98
31) Cyclohexane	7.971	56	93015	18.250	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	87965	19.407	ug/l	98
36) 1,1-Dichloropropene	8.093	75	79796	18.054	ug/l	99
37) Ethyl Acetate	7.276	43	45760	18.150	ug/l	97
38) Carbon Tetrachloride	8.081	117	76951	18.142	ug/l	97
39) Methylcyclohexane	9.343	83	96666	17.379	ug/l	99
40) Benzene	8.337	78	246338	18.828	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	25293	16.758	ug/l #	88
42) 1,2-Dichloroethane	8.410	62	80488	19.222	ug/l	98
43) Isopropyl Acetate	8.435	43	85842	18.807	ug/l	100
44) Trichloroethene	9.099	130	60019	19.300	ug/l	95
45) 1,2-Dichloropropane	9.374	63	60950	19.344	ug/l	100
46) Dibromomethane	9.471	93	37519	19.209	ug/l	99
47) Bromodichloromethane	9.648	83	90368	19.294	ug/l	100
48) Methyl methacrylate	9.447	41	41595	19.155	ug/l	98
49) 1,4-Dioxane	9.471	88	10049	515.601	ug/l #	87
51) 4-Methyl-2-Pentanone	10.215	43	245168	98.148	ug/l	100
52) Toluene	10.392	92	157140	18.684	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	84239	18.750	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	97451	18.993	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	52642	20.290	ug/l	95
56) Ethyl methacrylate	10.648	69	69654	19.009	ug/l	100
57) 1,3-Dichloropropane	10.934	76	88730	19.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	179255	95.240	ug/l	99
59) 2-Hexanone	10.971	43	173812	100.104	ug/l	98
60) Dibromochloromethane	11.129	129	55876	18.471	ug/l	98
61) 1,2-Dibromoethane	11.239	107	49788	19.420	ug/l	97
64) Tetrachloroethene	10.861	164	47029	18.729	ug/l	88
65) Chlorobenzene	11.654	112	175958	18.877	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	54049	18.704	ug/l	97
67) Ethyl Benzene	11.727	91	299038	18.259	ug/l	97
68) m/p-Xylenes	11.837	106	235313	38.166	ug/l	95
69) o-Xylene	12.166	106	108332	18.566	ug/l	99
70) Styrene	12.178	104	191802	19.307	ug/l	99
71) Bromoform	12.349	173	31449	19.899	ug/l #	99
73) Isopropylbenzene	12.465	105	278355	17.881	ug/l	100
74) N-amyl acetate	12.269	43	78536	18.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	63403	19.188	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	47498m	19.175	ug/l	
77) Bromobenzene	12.745	156	64884	19.264	ug/l	92
78) n-propylbenzene	12.800	91	344429	18.015	ug/l	100
79) 2-Chlorotoluene	12.885	91	210918	18.477	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	239639	18.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	18880	17.597	ug/l	92
82) 4-Chlorotoluene	12.983	91	218121	18.214	ug/l	100
83) tert-Butylbenzene	13.202	119	202558	18.214	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	242003	18.314	ug/l	98
85) sec-Butylbenzene	13.379	105	295232	17.678	ug/l	98
86) p-Isopropyltoluene	13.495	119	238511	17.278	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	127900	18.242	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	131157	19.096	ug/l	99
89) n-Butylbenzene	13.818	91	236719	17.481	ug/l	97
90) Hexachloroethane	14.092	117	43415	18.188	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	120887	19.455	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11287	18.907	ug/l	91
93) 1,2,4-Trichlorobenzene	15.123	180	70350	18.774	ug/l	91
94) Hexachlorobutadiene	15.226	225	33040	18.607	ug/l	94
95) Naphthalene	15.360	128	172955	18.774	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	66101	19.469	ug/l	95

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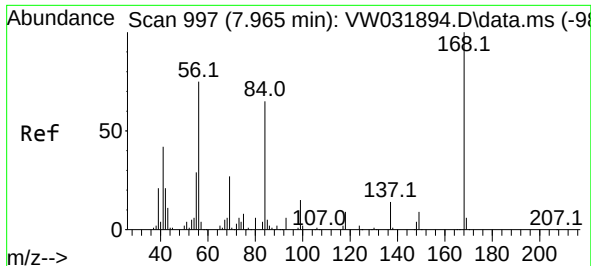
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/05/2025

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Response via : Initial Calibration

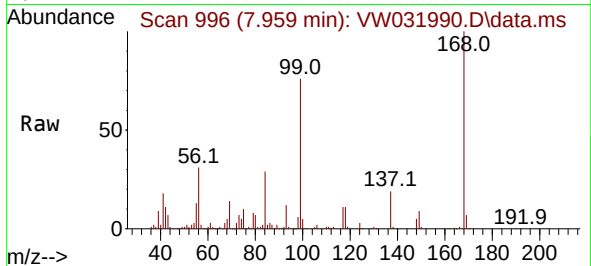
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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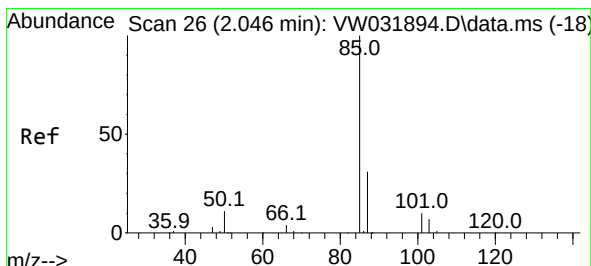
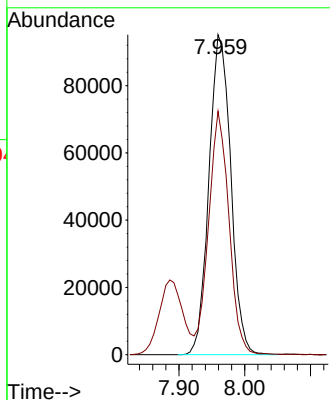
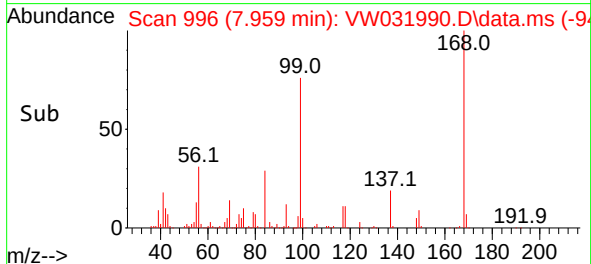
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 168 Resp: 21967
Ion Ratio Lower Upper
168 100
99 75.9 48.2 72.2

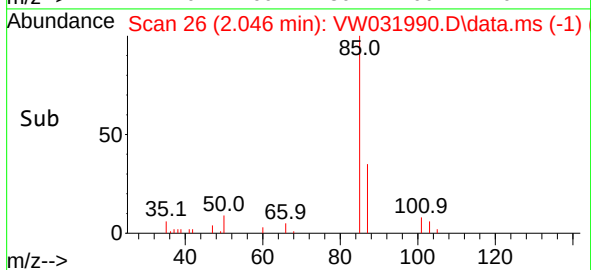
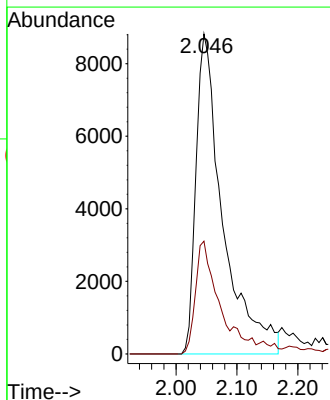
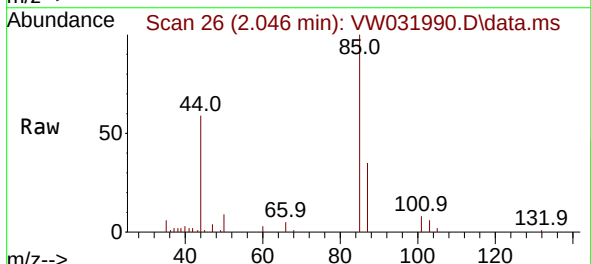
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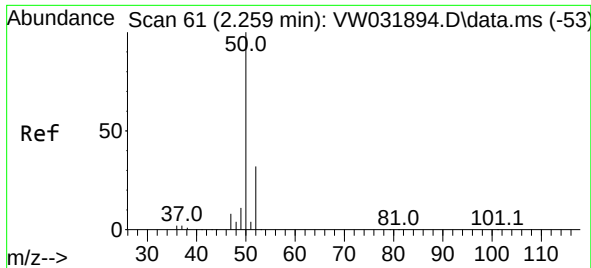
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#2
Dichlorodifluoromethane
Concen: 16.518 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

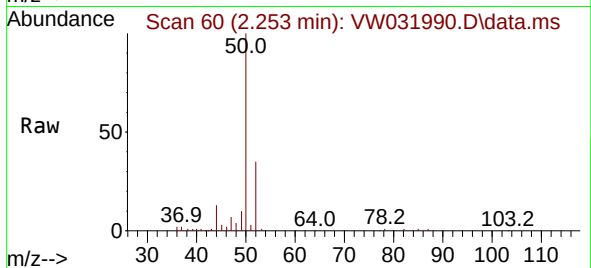
Tgt Ion: 85 Resp: 26969
Ion Ratio Lower Upper
85 100
87 35.2 15.5 46.5





#3
Chloromethane
Concen: 18.884 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

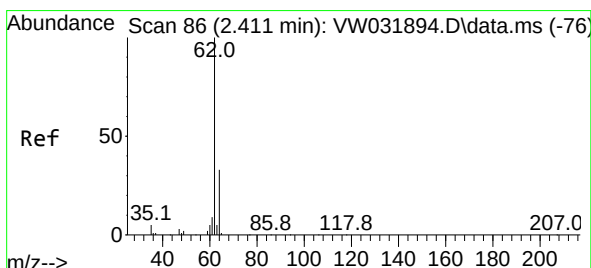
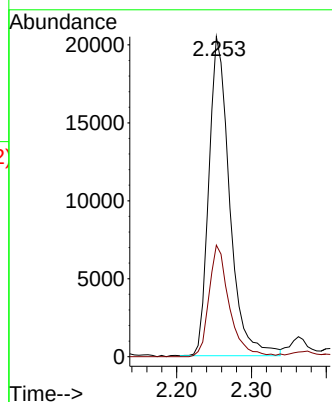
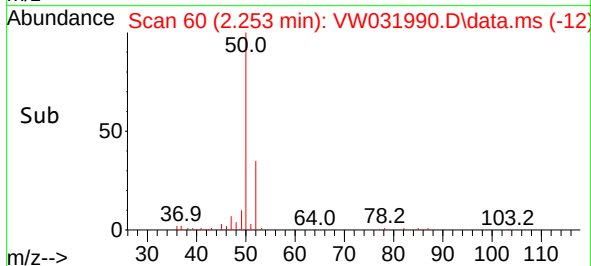
Instrument :
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ClientSampleId :
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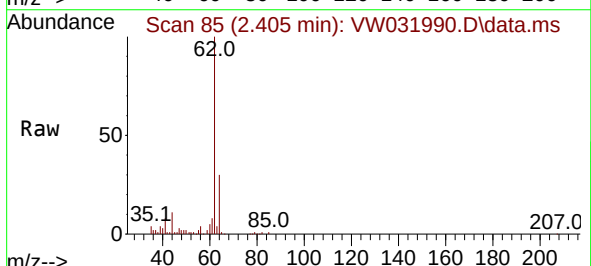
Tgt Ion: 50 Resp: 3957
Ion Ratio Lower Upper
50 100
52 35.0 25.7 38.5

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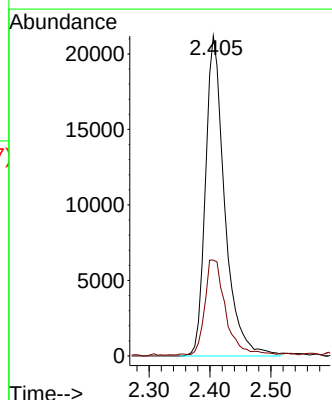
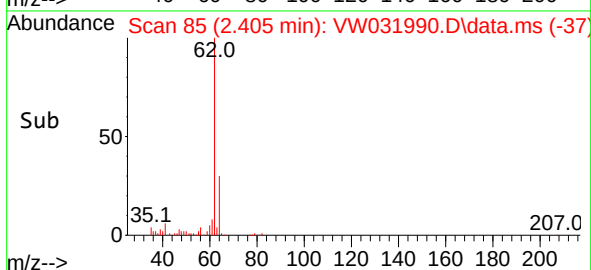
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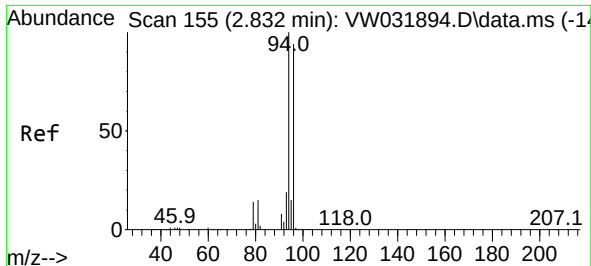


#4
Vinyl Chloride
Concen: 17.066 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



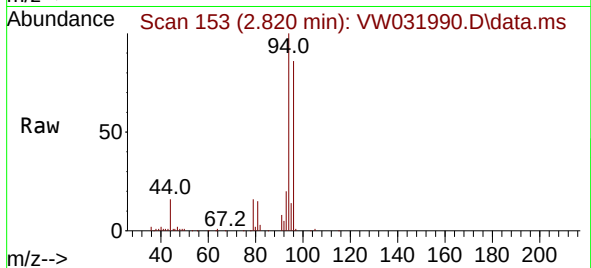
Tgt Ion: 62 Resp: 46456
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.2





#5
Bromomethane
Concen: 19.127 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

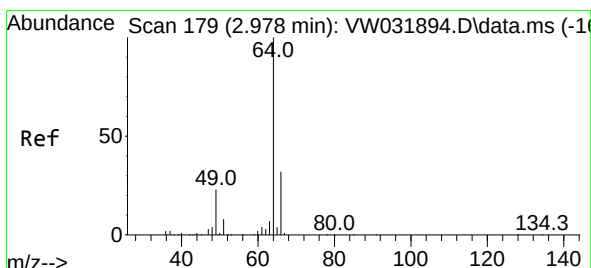
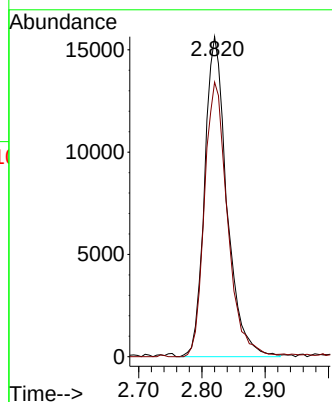
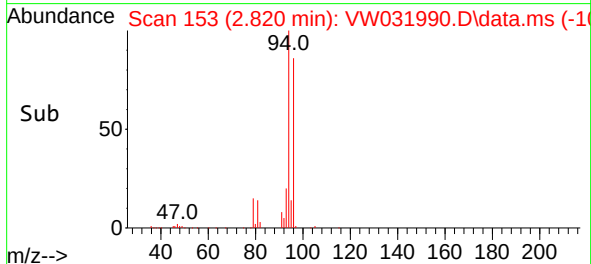
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Tgt Ion: 94 Resp: 3834
Ion Ratio Lower Upper
94 100
96 85.8 75.0 112.6

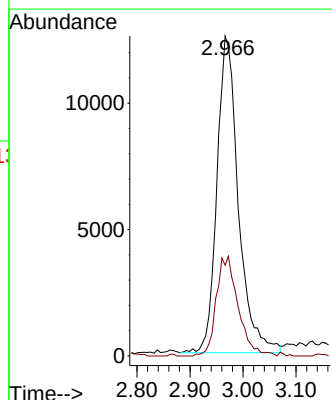
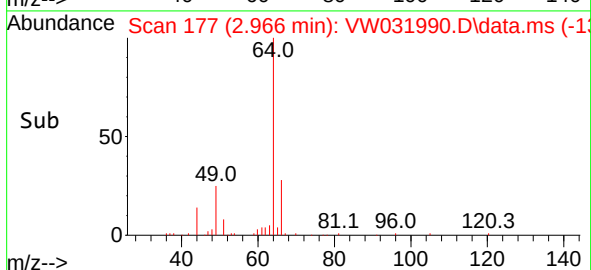
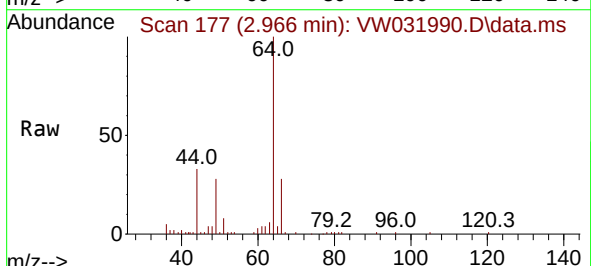
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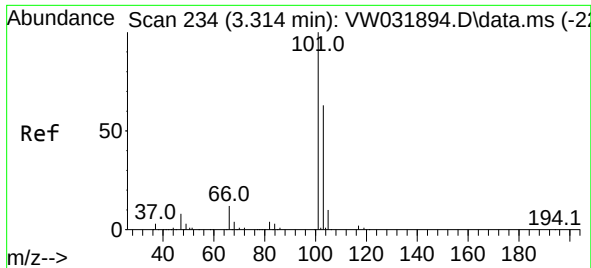
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#6
Chloroethane
Concen: 19.575 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

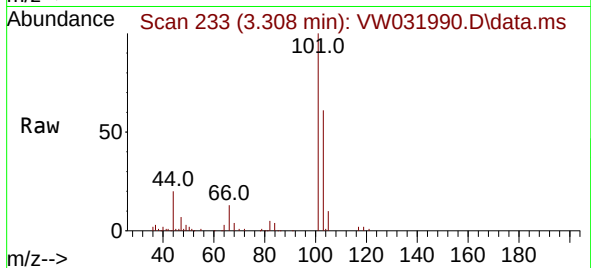
Tgt Ion: 64 Resp: 35170
Ion Ratio Lower Upper
64 100
66 28.6 25.6 38.4





#7
 Trichlorofluoromethane
 Concen: 17.320 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031990.D
 Acq: 04 Aug 2025 10:42

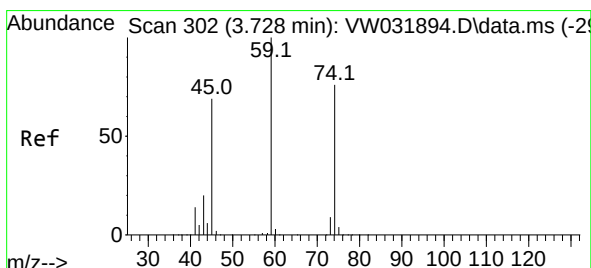
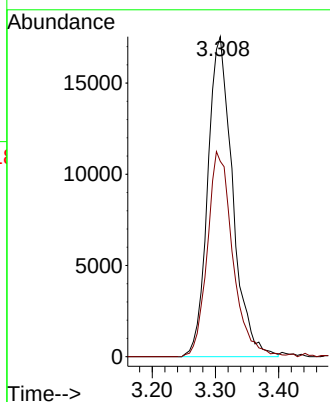
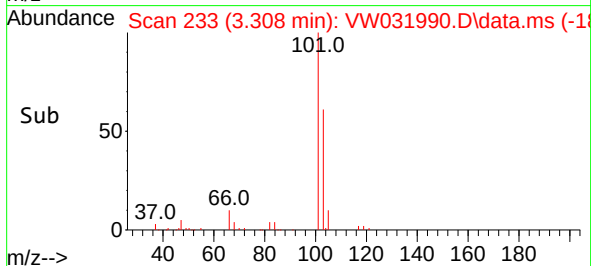
Instrument :
 MSVOA_W
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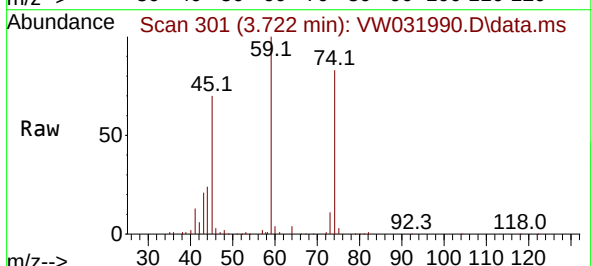
Tgt Ion:101 Resp: 4775
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.7 76.1

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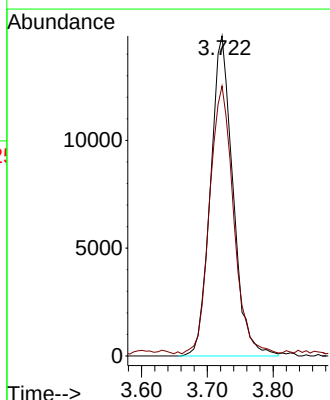
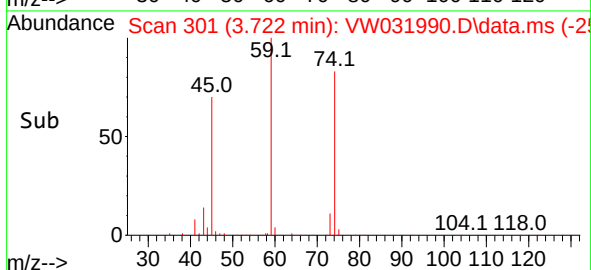
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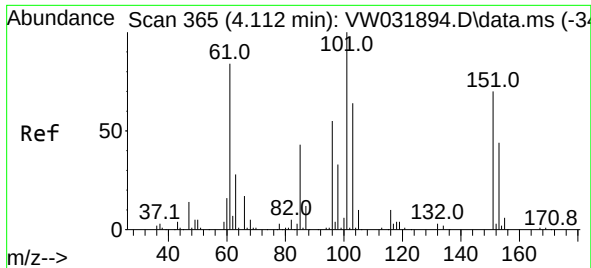


#8
 Diethyl Ether
 Concen: 19.193 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031990.D
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Tgt Ion: 74 Resp: 35349
 Ion Ratio Lower Upper
 74 100
 45 88.7 45.5 136.5





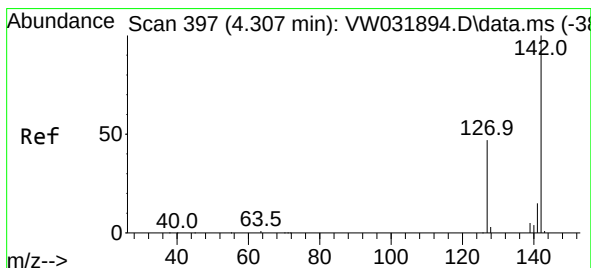
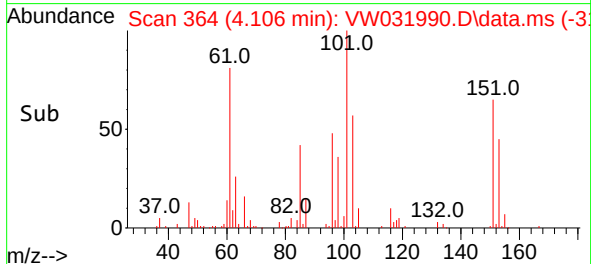
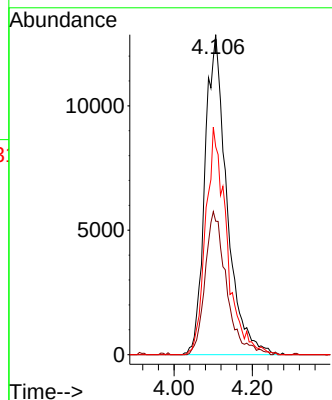
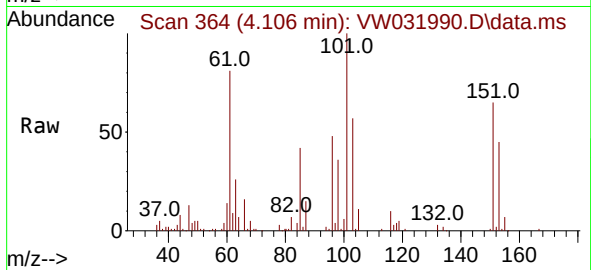
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.864 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

Tgt Ion:101 Resp: 5002
Ion Ratio Lower Upper
101 100
85 43.6 35.5 53.3
151 69.0 54.6 81.8

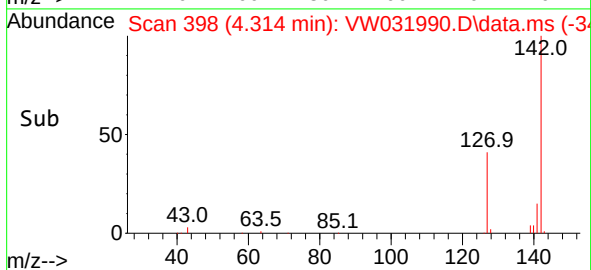
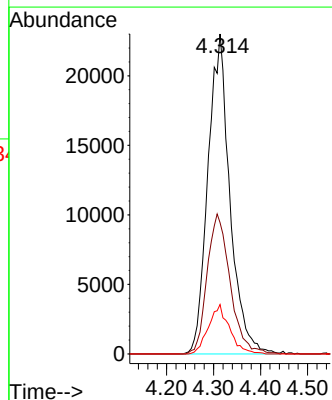
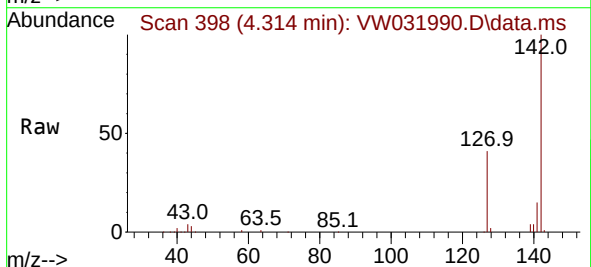
Manual Integrations
APPROVED

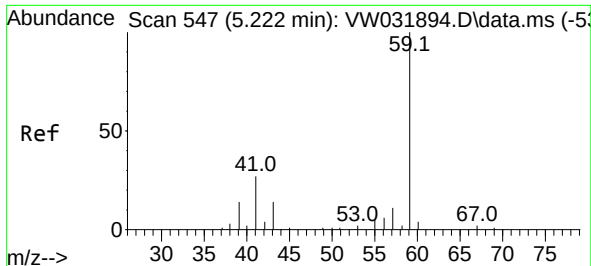
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#10
Methyl Iodide
Concen: 18.847 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Tgt Ion:142 Resp: 74729
Ion Ratio Lower Upper
142 100
127 45.9 37.4 56.2
141 14.8 11.9 17.9





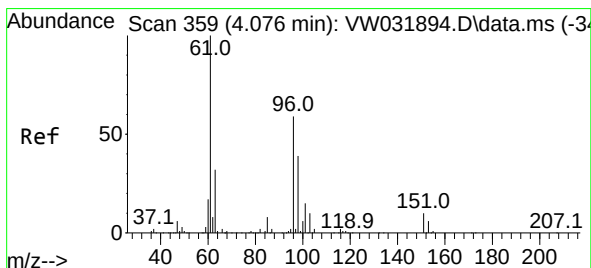
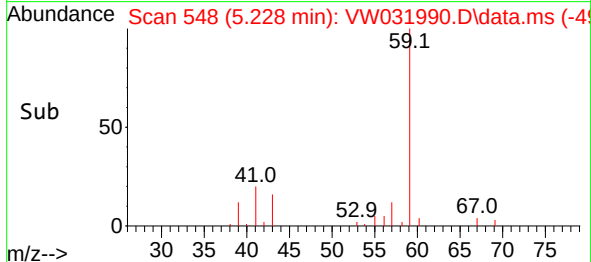
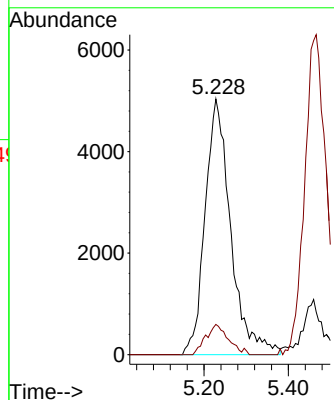
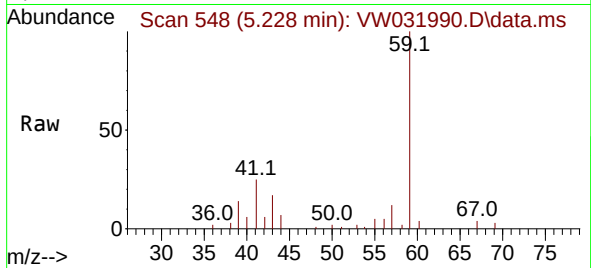
#11
Tert butyl alcohol
Concen: 108.862 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01

Tgt Ion: 59 Resp: 2126
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8

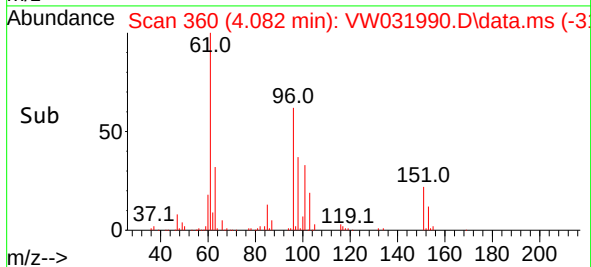
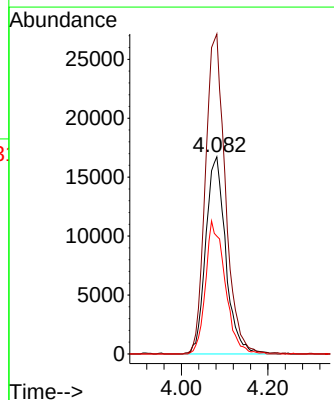
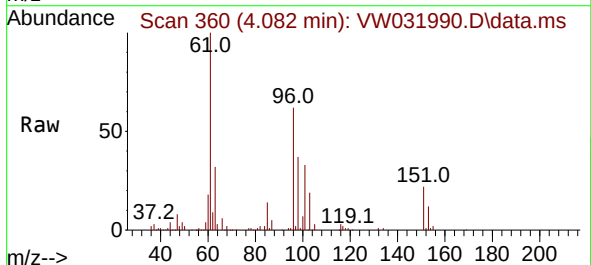
Manual Integrations
APPROVED

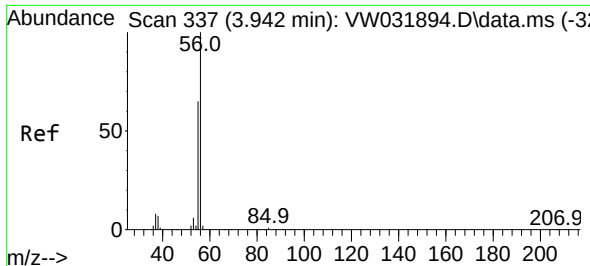
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#12
1,1-Dichloroethene
Concen: 18.344 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

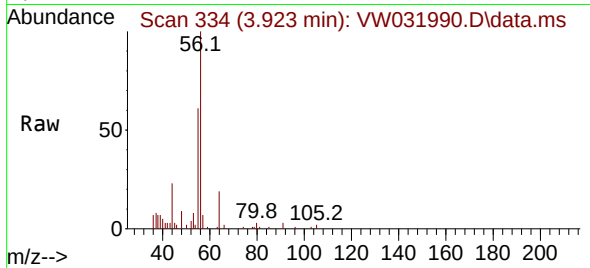
Tgt Ion: 96 Resp: 53732
Ion Ratio Lower Upper
96 100
61 162.3 135.0 202.6
98 59.7 52.3 78.5





#13
Acrolein
Concen: 48.720 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

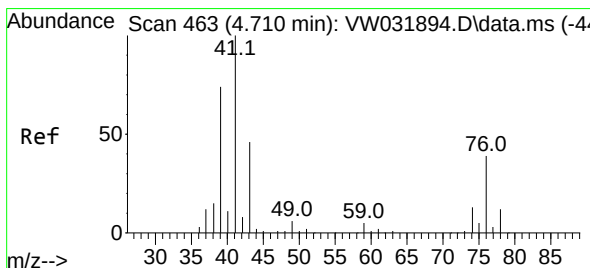
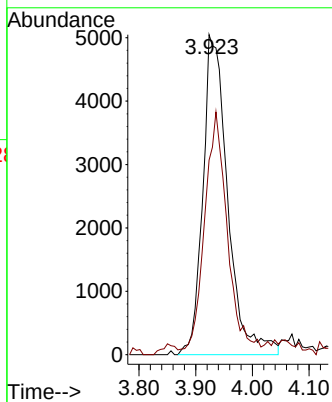
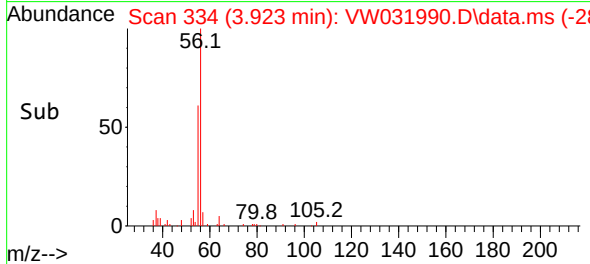
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 56 Resp: 15380
Ion Ratio Lower Upper
56 100
55 66.7 56.7 85.1

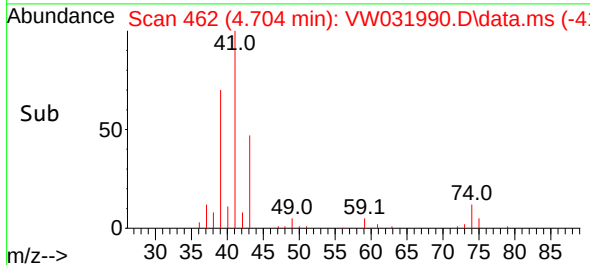
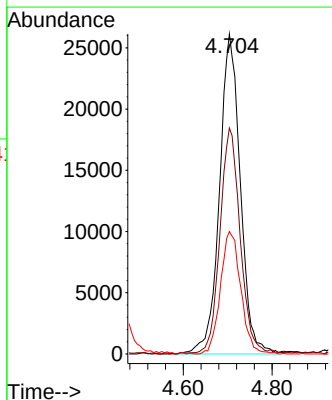
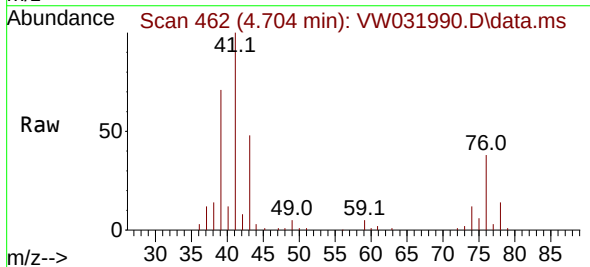
Manual Integrations
APPROVED

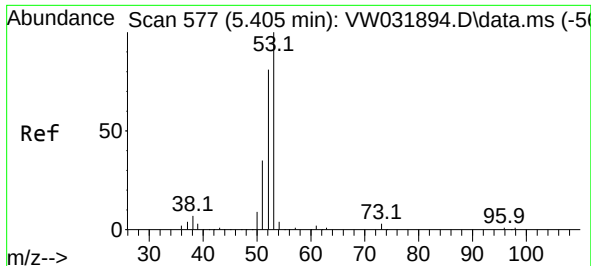
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#14
Allyl chloride
Concen: 18.614 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

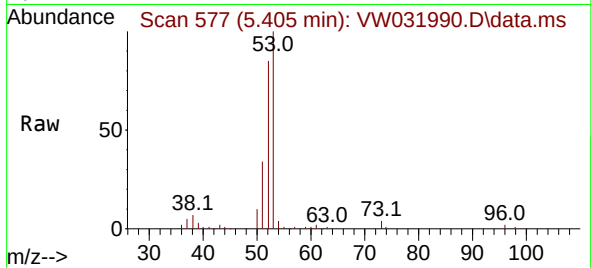
Tgt Ion: 41 Resp: 84880
Ion Ratio Lower Upper
41 100
39 68.5 56.6 85.0
76 37.2 30.1 45.1





#15
Acrylonitrile
Concen: 100.337 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

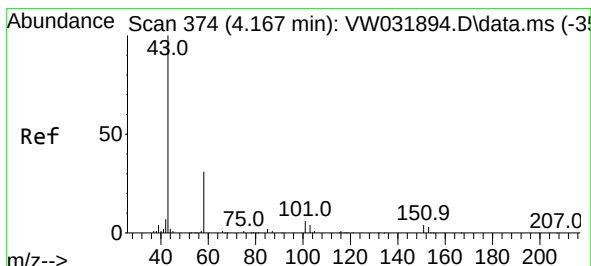
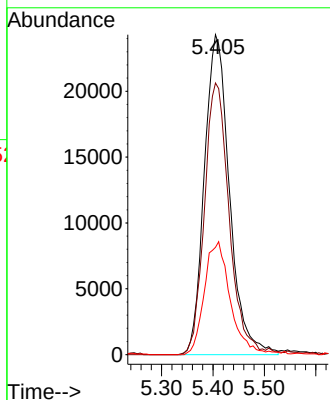
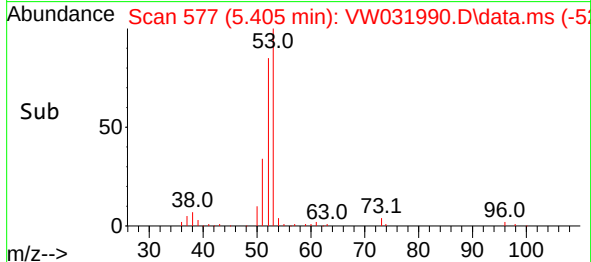
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 53 Resp: 82618
Ion Ratio Lower Upper
53 100
52 84.1 67.0 100.4
51 36.6 29.9 44.9

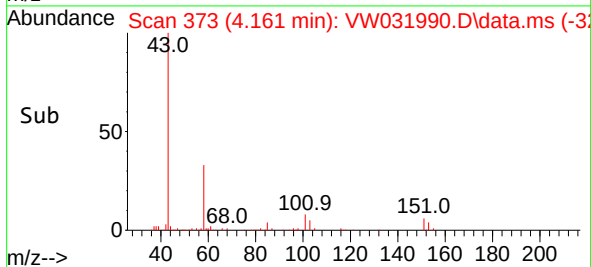
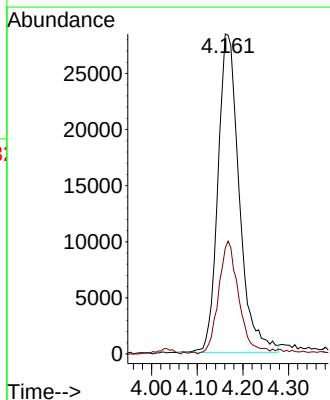
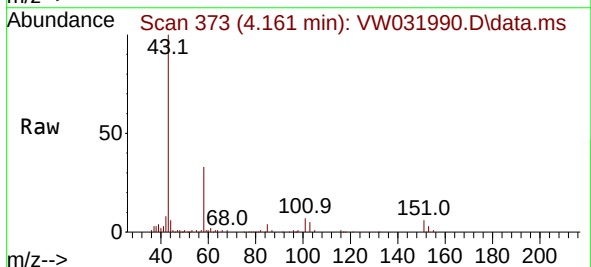
Manual Integrations
APPROVED

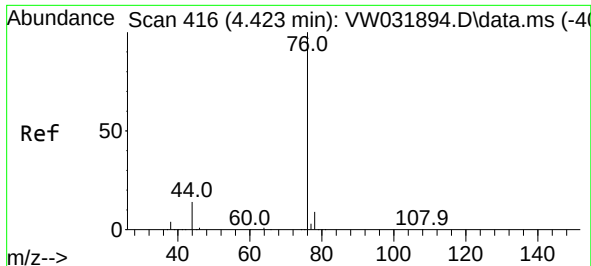
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#16
Acetone
Concen: 116.814 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Tgt Ion: 43 Resp: 92116
Ion Ratio Lower Upper
43 100
58 32.8 25.5 38.3





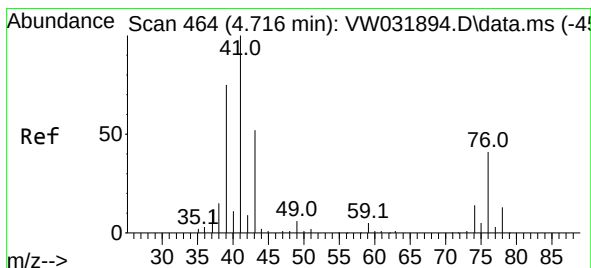
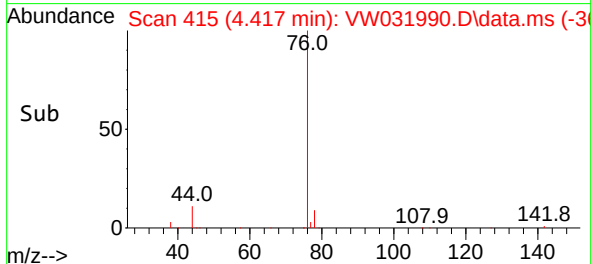
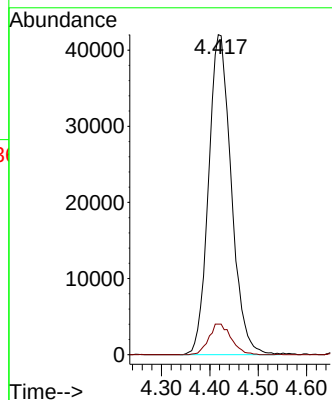
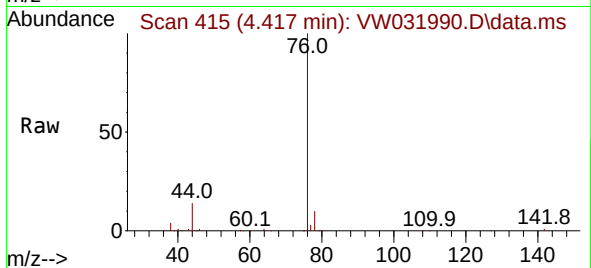
#17
Carbon Disulfide
Concen: 18.037 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

Tgt Ion: 76 Resp: 137025
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

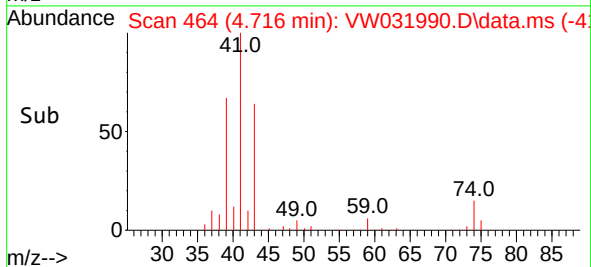
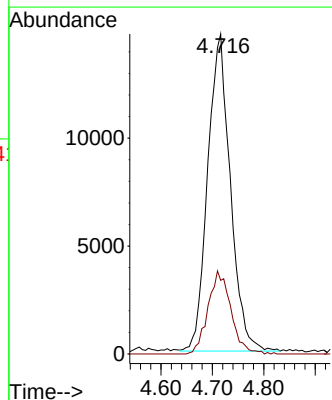
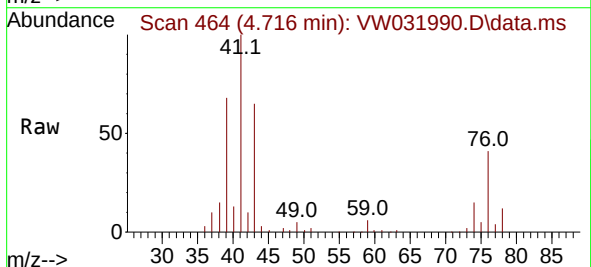
Manual Integrations
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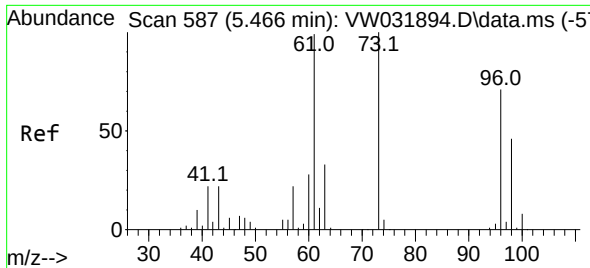
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#18
Methyl Acetate
Concen: 20.737 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

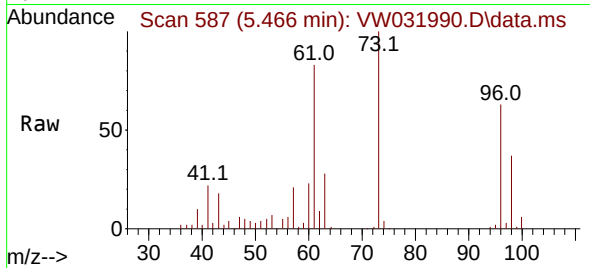
Tgt Ion: 43 Resp: 45053
Ion Ratio Lower Upper
43 100
74 26.4 20.6 31.0





#19
Methyl tert-butyl Ether
Concen: 20.177 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

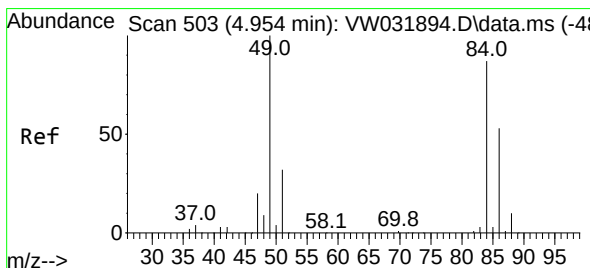
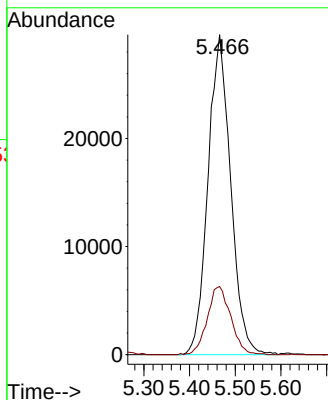
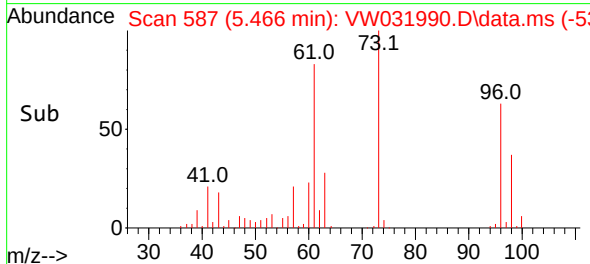
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 73 Resp: 102120
Ion Ratio Lower Upper
73 100
57 21.3 17.5 26.3

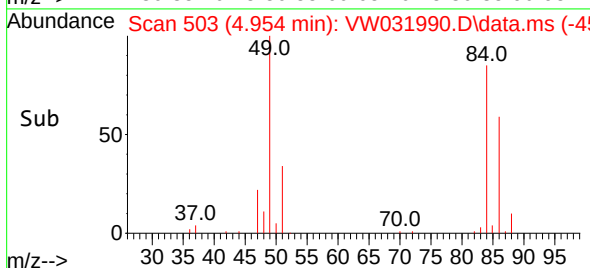
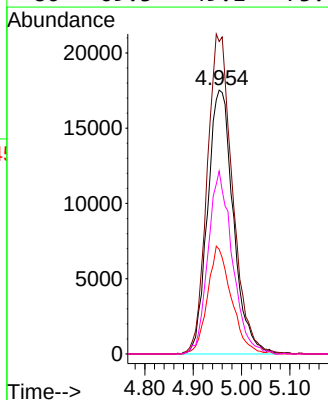
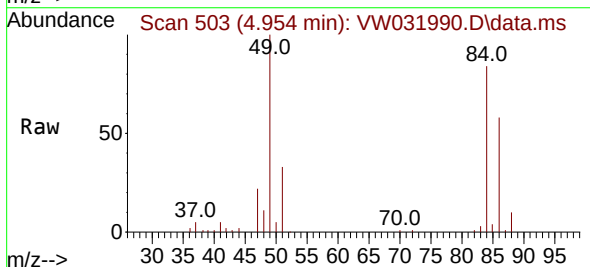
Manual Integrations
APPROVED

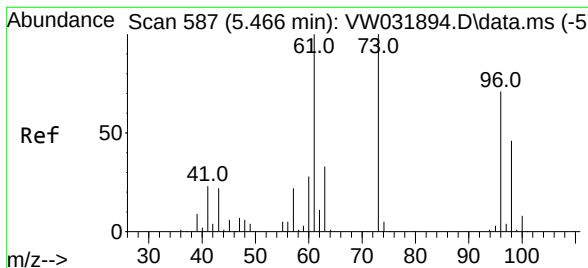
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#20
Methylene Chloride
Concen: 16.052 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

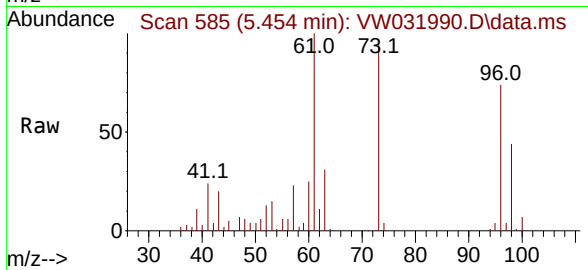
Tgt Ion: 84 Resp: 64797
Ion Ratio Lower Upper
84 100
49 118.2 91.9 137.9
51 39.7 29.0 43.6
86 69.3 49.1 73.7





#21
trans-1,2-Dichloroethene
Concen: 19.123 ug/l
RT: 5.454 min Scan# 587
Delta R.T. -0.012 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

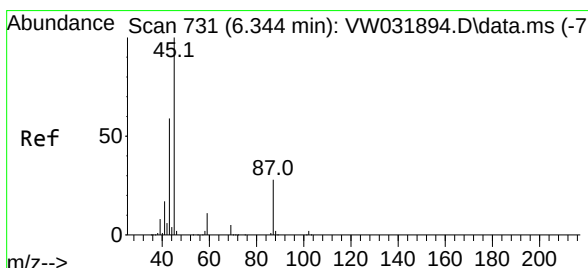
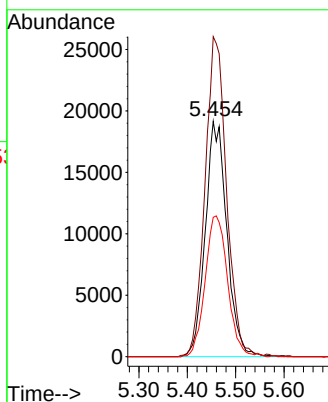
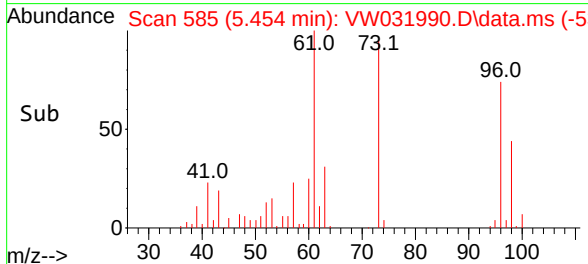
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 96 Resp: 5943
Ion Ratio Lower Upper
96 100
61 135.9 112.8 169.2
98 59.2 51.9 77.9

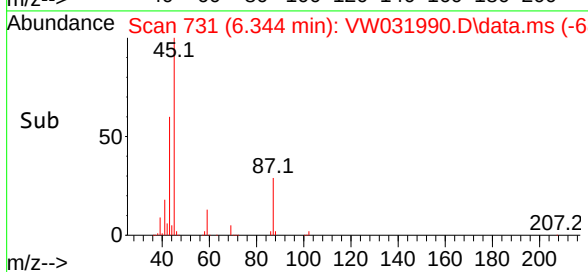
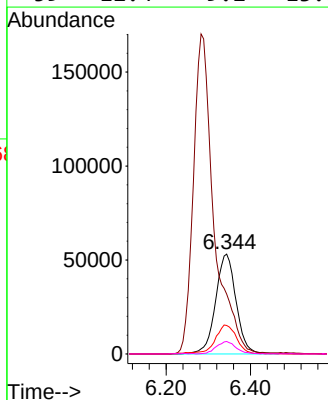
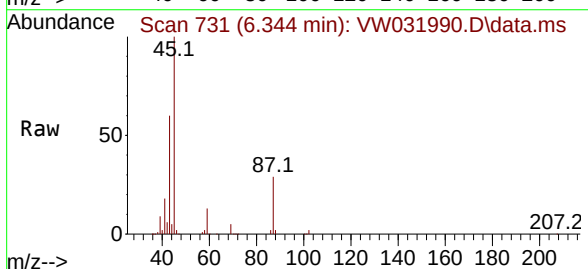
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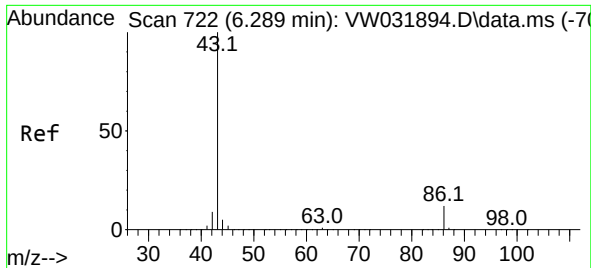
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#22
Diisopropyl ether
Concen: 19.622 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

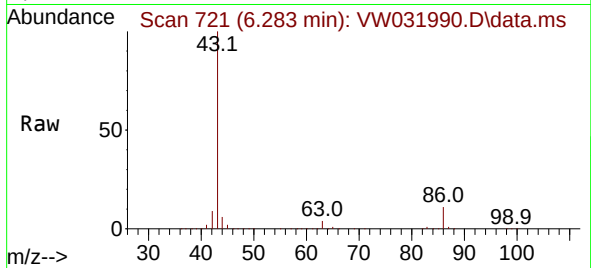
Tgt Ion: 45 Resp: 179039
Ion Ratio Lower Upper
45 100
43 58.9 47.0 70.6
87 28.4 22.8 34.2
59 12.4 9.2 13.8





#23
 Vinyl Acetate
 Concen: 96.623 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: VW031990.D
 Acq: 04 Aug 2025 10:42

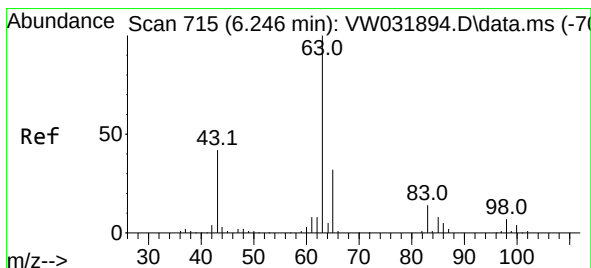
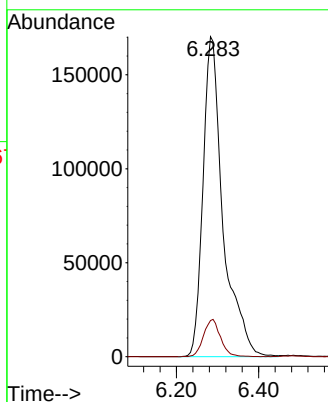
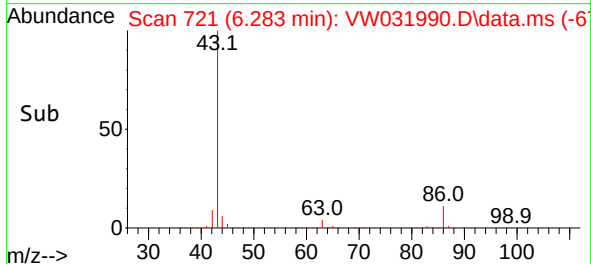
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01



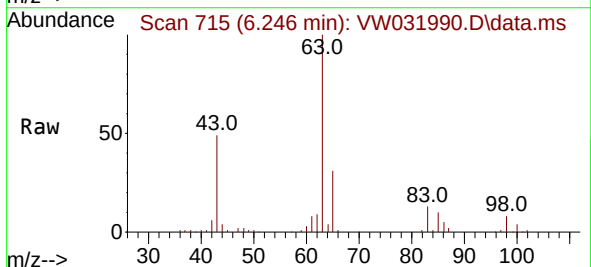
Tgt Ion: 43 Resp: 575970
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.2

Manual Integrations
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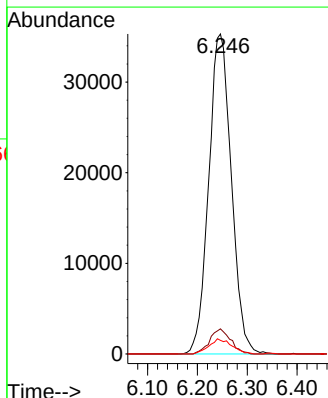
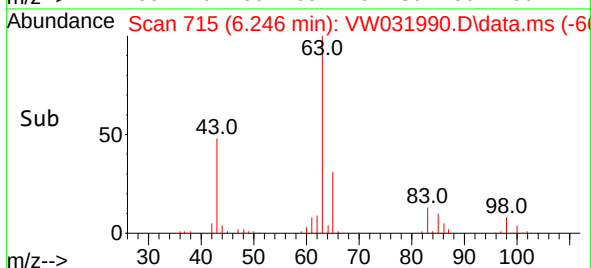
Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025

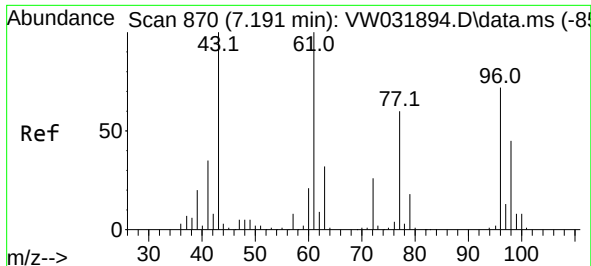


#24
 1,1-Dichloroethane
 Concen: 19.602 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031990.D
 Acq: 04 Aug 2025 10:42



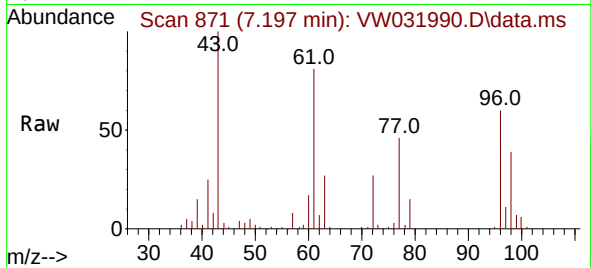
Tgt Ion: 63 Resp: 111357
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 107.917 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

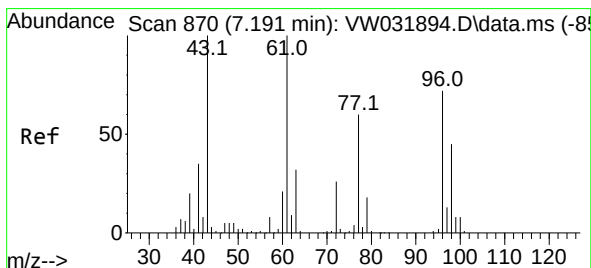
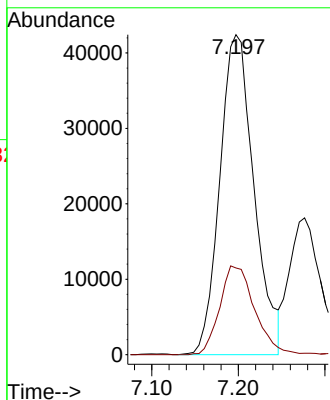
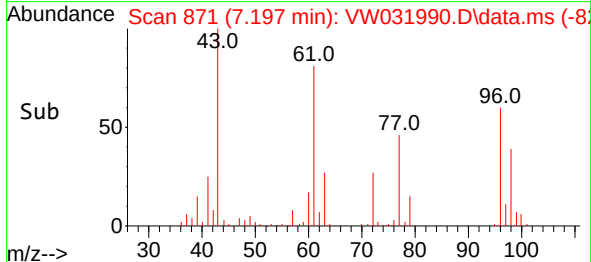
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 43 Resp: 116430
Ion Ratio Lower Upper
43 100
72 27.1 20.8 31.2

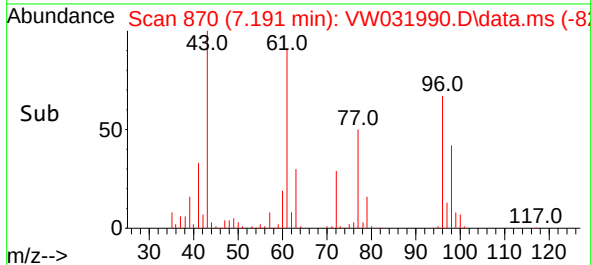
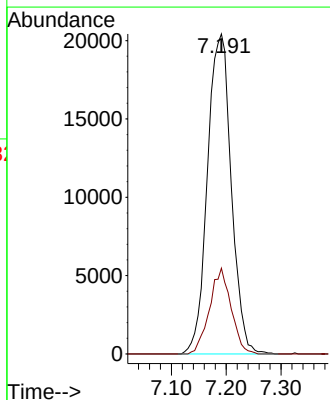
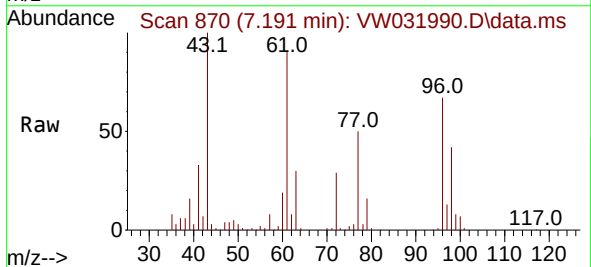
Manual Integrations
APPROVED

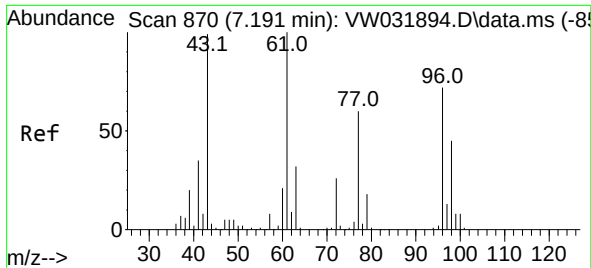
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#26
2,2-Dichloropropane
Concen: 19.145 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

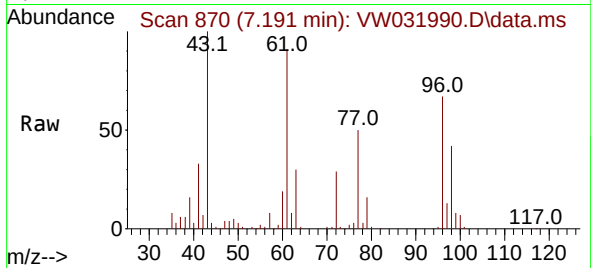
Tgt Ion: 77 Resp: 61574
Ion Ratio Lower Upper
77 100
97 24.2 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 19.828 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

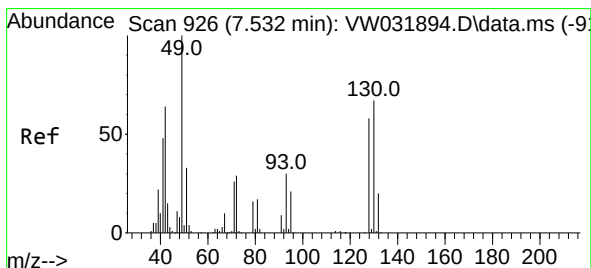
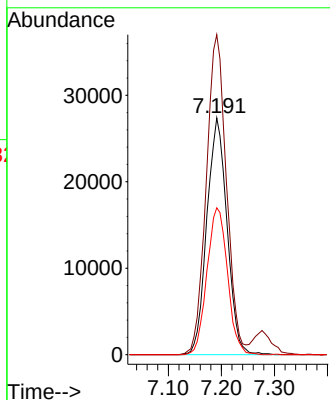
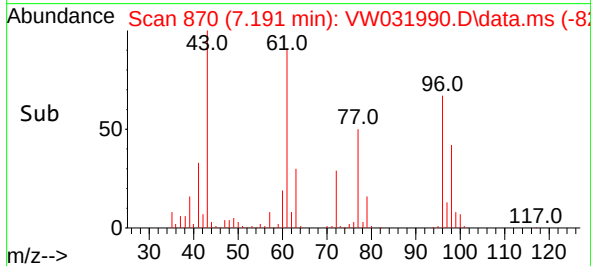
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 96 Resp: 7244
Ion Ratio Lower Upper
96 100
61 135.0 0.0 280.2
98 63.1 0.0 126.8

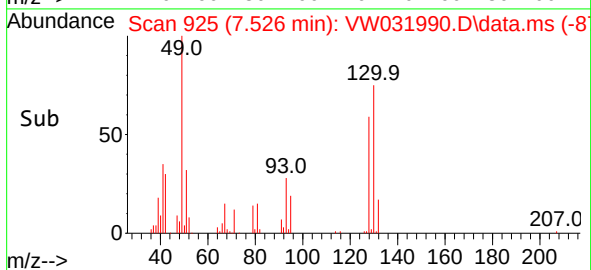
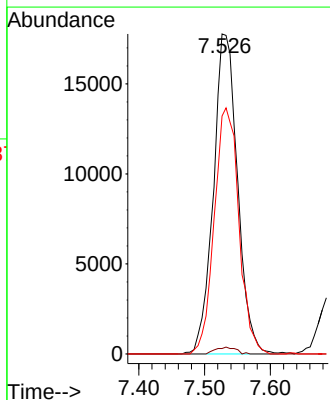
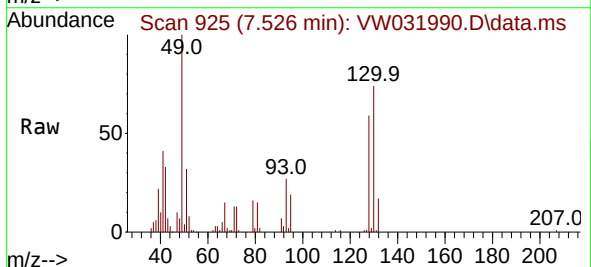
Manual Integrations
APPROVED

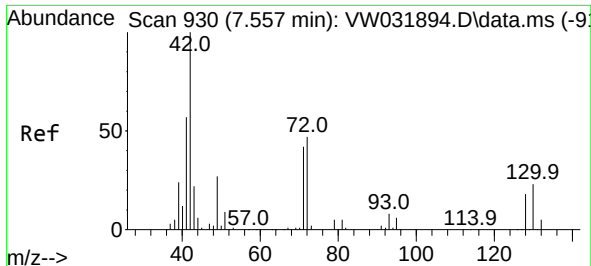
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#28
Bromochloromethane
Concen: 19.119 ug/l
RT: 7.526 min Scan# 925
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Tgt Ion: 49 Resp: 45477
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.4
130 78.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 100.665 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

Instrument :

MSVOA_W

ClientSampleId :

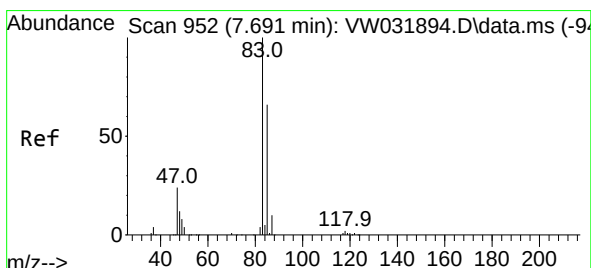
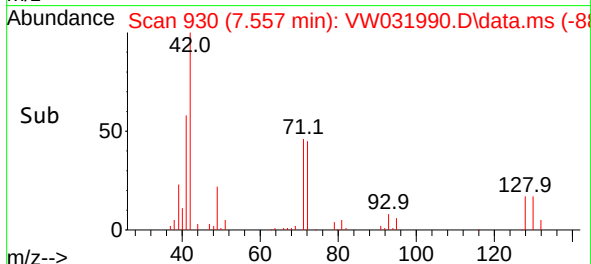
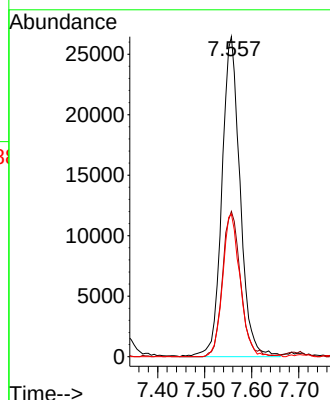
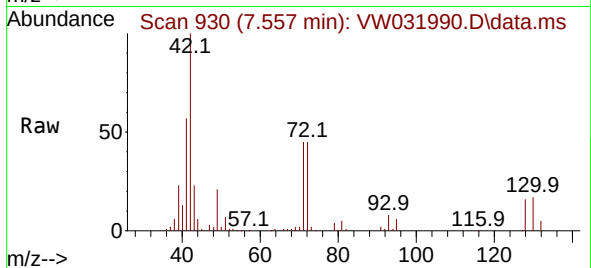
VW0804SBS01

Tgt Ion: 42	Resp: 71209
Ion Ratio	Lower Upper
42	100
72	45.1 37.0 55.6
71	43.2 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#30

Chloroform

Concen: 20.062 ug/l

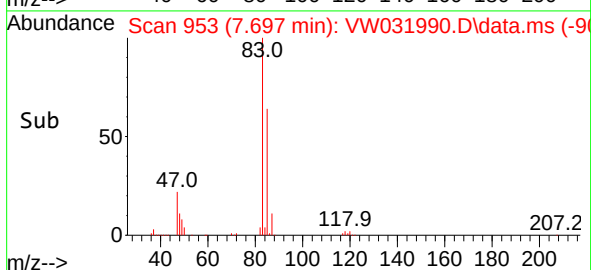
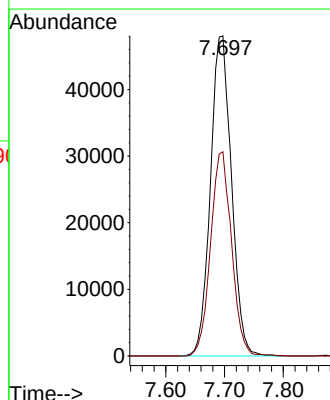
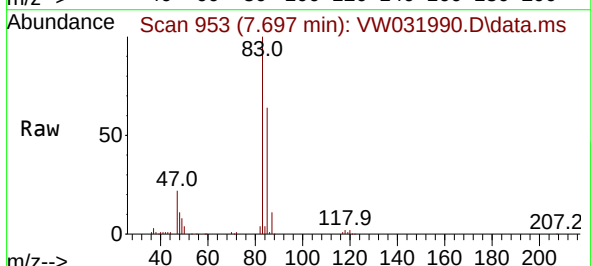
RT: 7.697 min Scan# 953

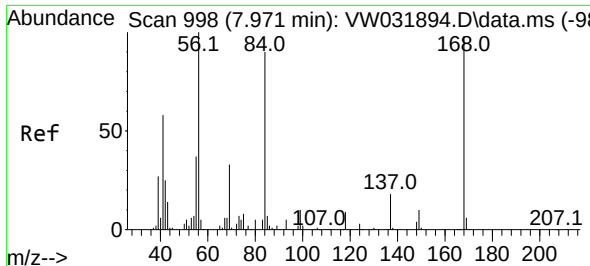
Delta R.T. 0.006 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

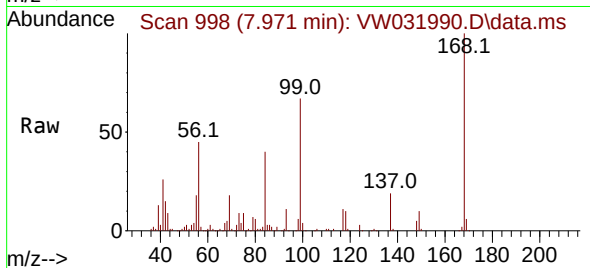
Tgt Ion: 83	Resp: 119499
Ion Ratio	Lower Upper
83	100
85	63.8 52.6 78.8





#31
Cyclohexane
Concen: 18.250 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

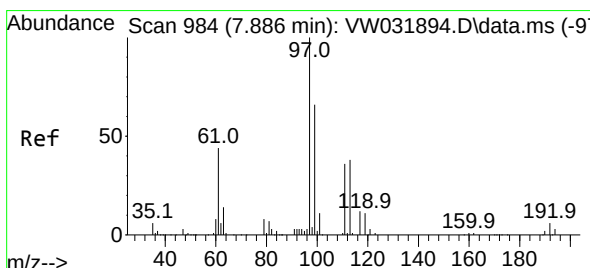
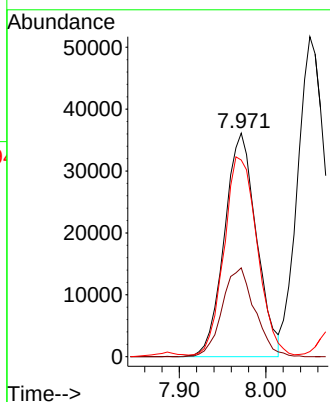
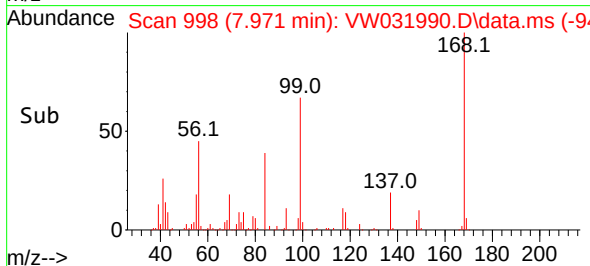
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



Tgt Ion: 56 Resp: 93015
Ion Ratio Lower Upper
56 100
69 39.8 26.7 40.1
84 87.0 71.8 107.6

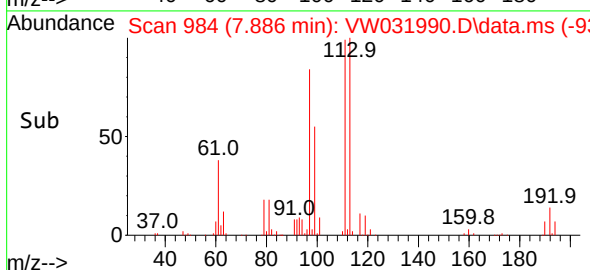
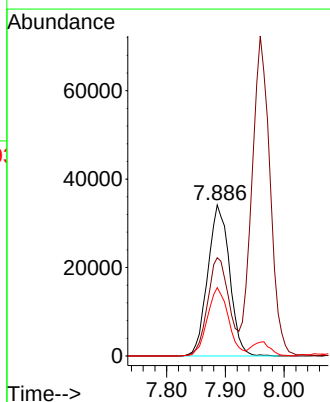
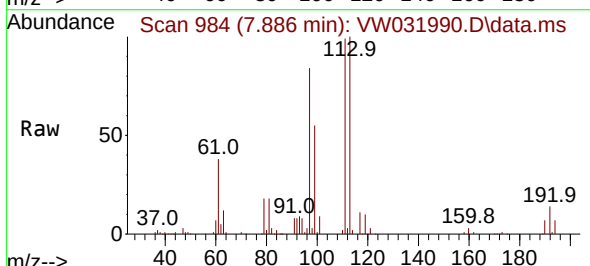
Manual Integrations
APPROVED

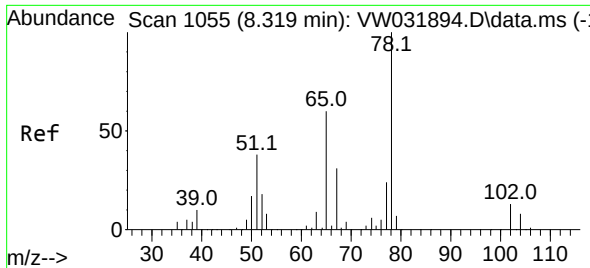
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#32
1,1,1-Trichloroethane
Concen: 19.407 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Tgt Ion: 97 Resp: 87965
Ion Ratio Lower Upper
97 100
99 64.4 53.0 79.4
61 43.9 35.4 53.0





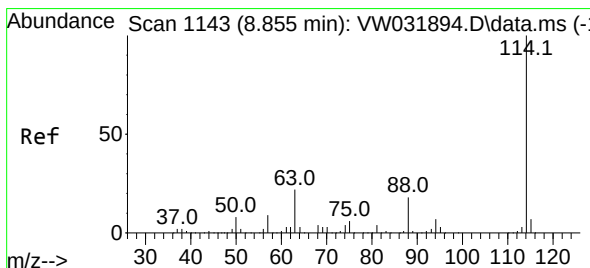
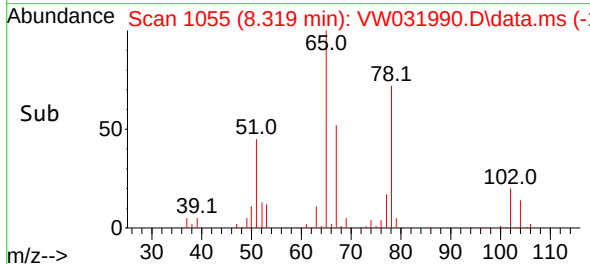
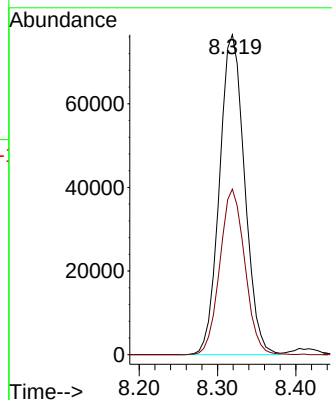
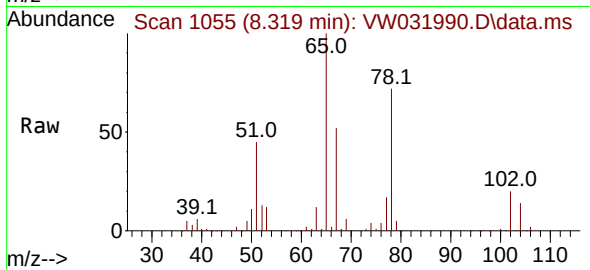
#33
1,2-Dichloroethane-d4
Concen: 51.346 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

Tgt Ion: 65 Resp: 170632
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4

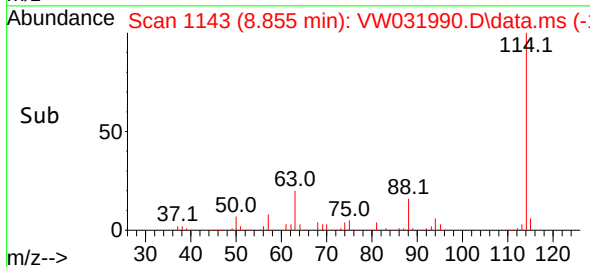
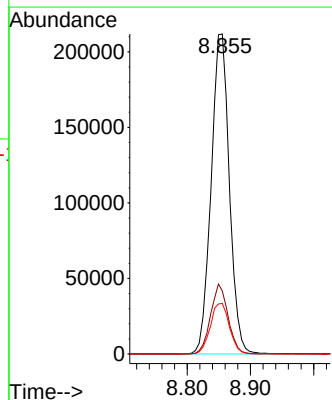
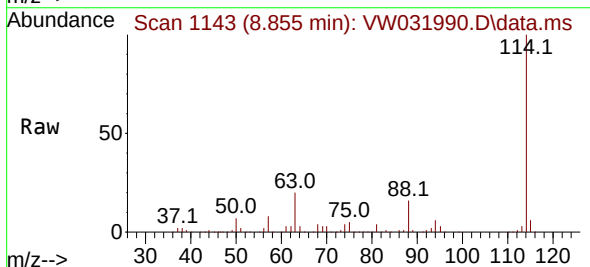
Manual Integrations
APPROVED

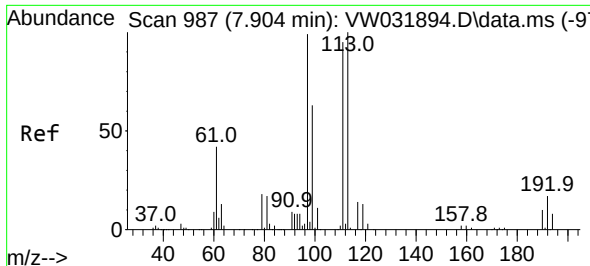
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

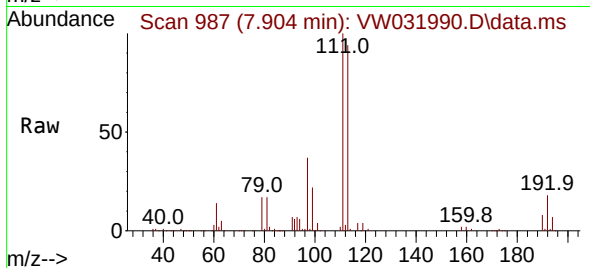
Tgt Ion:114 Resp: 423534
Ion Ratio Lower Upper
114 100
63 19.7 0.0 44.2
88 15.8 0.0 35.6





#35
Dibromofluoromethane
Concen: 50.902 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

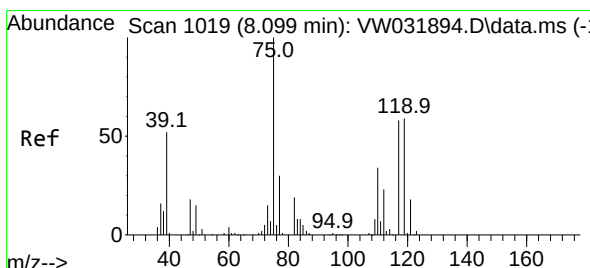
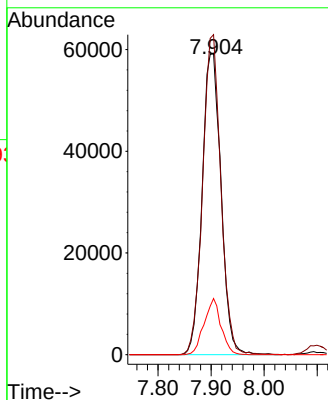
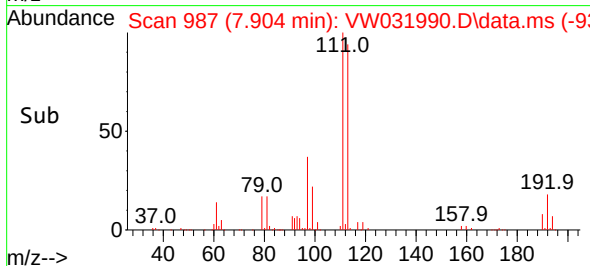
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 113 Resp: 146494
Ion Ratio Lower Upper
113 100
111 102.1 79.9 119.9
192 16.7 12.6 19.0

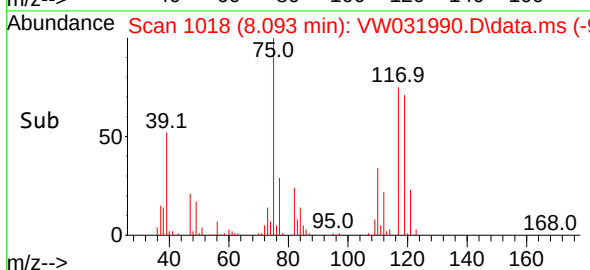
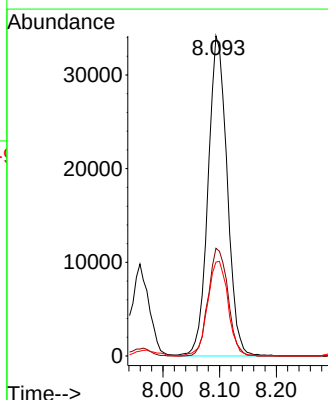
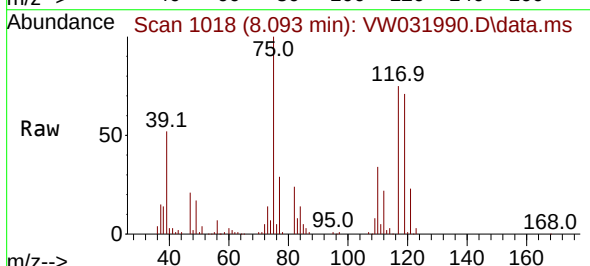
Manual Integrations
APPROVED

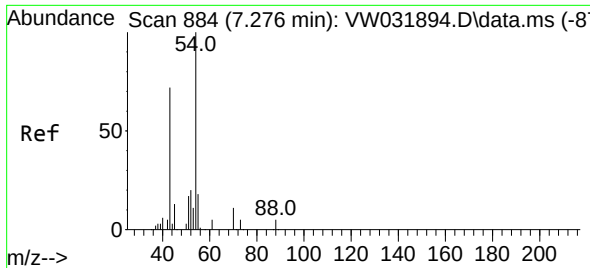
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#36
1,1-Dichloropropene
Concen: 18.054 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

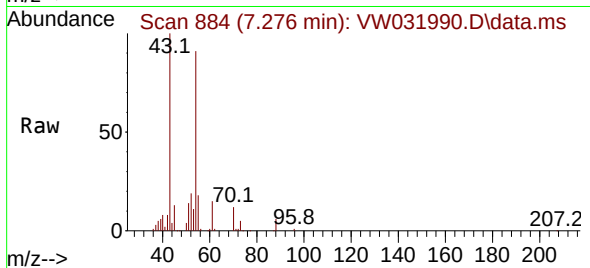
Tgt Ion: 75 Resp: 79796
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 31.7 25.1 37.7





#37
Ethyl Acetate
Concen: 18.150 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

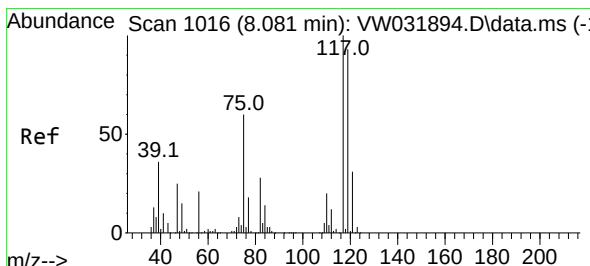
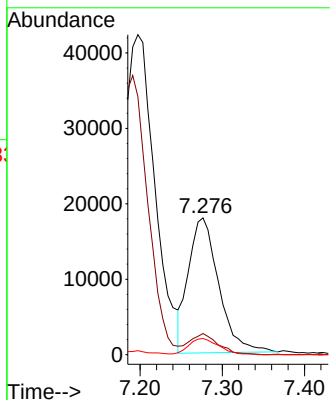
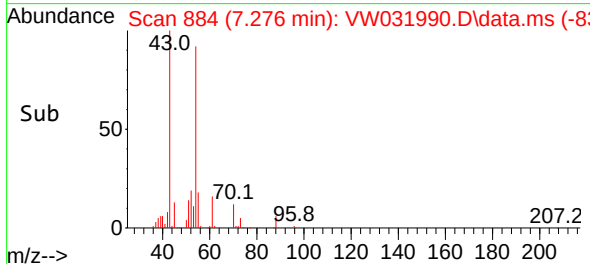
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 43 Resp: 45760
Ion Ratio Lower Upper
43 100
61 15.0 10.6 15.8
70 11.9 9.0 13.4

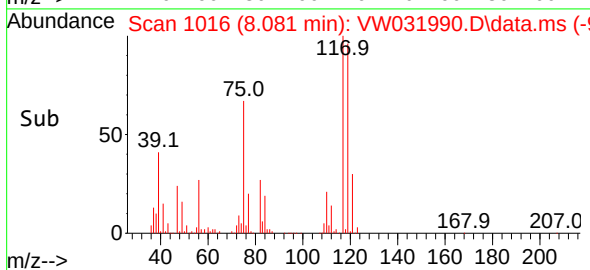
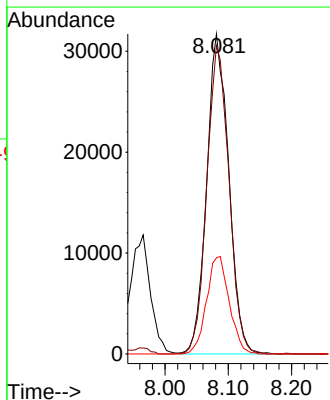
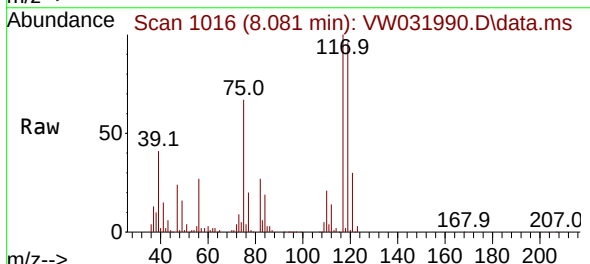
Manual Integrations
APPROVED

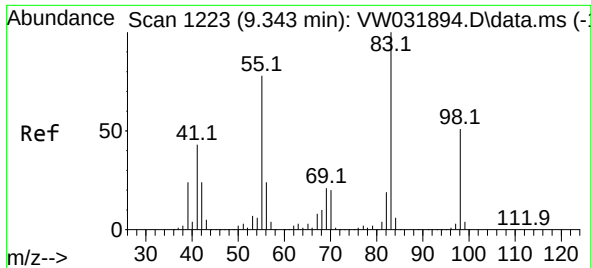
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#38
Carbon Tetrachloride
Concen: 18.142 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

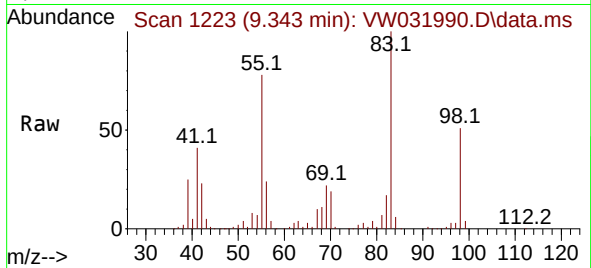
Tgt Ion:117 Resp: 76951
Ion Ratio Lower Upper
117 100
119 96.3 74.3 111.5
121 30.1 24.6 37.0





#39
Methylcyclohexane
Concen: 17.379 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

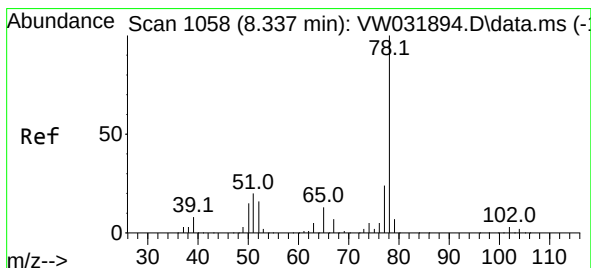
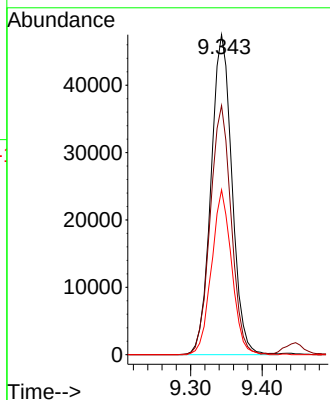
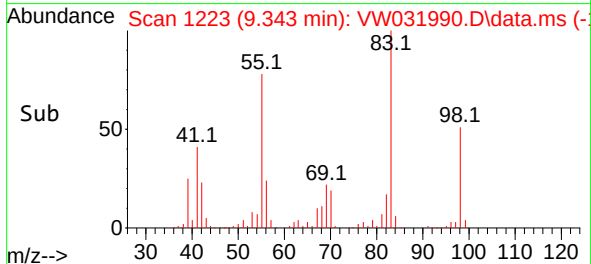
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



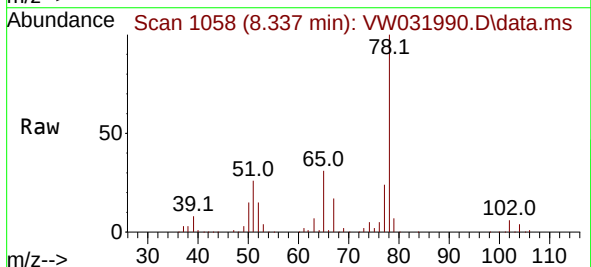
Tgt Ion: 83 Resp: 96660
Ion Ratio Lower Upper
83 100
55 77.8 62.5 93.7
98 51.5 40.6 61.0

Manual Integrations
APPROVED

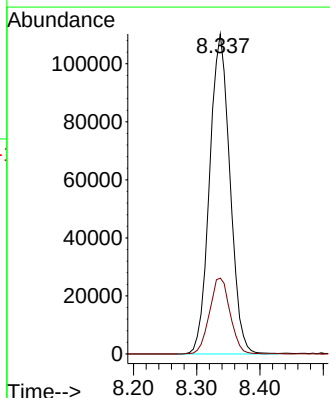
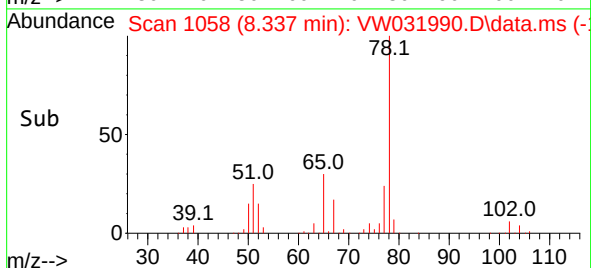
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

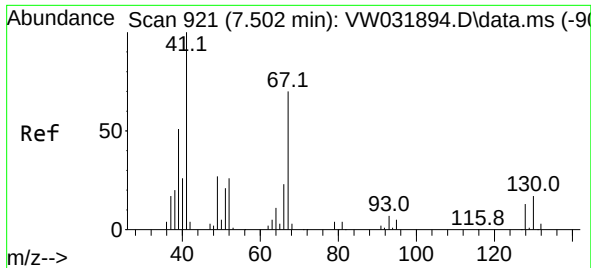


#40
Benzene
Concen: 18.828 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



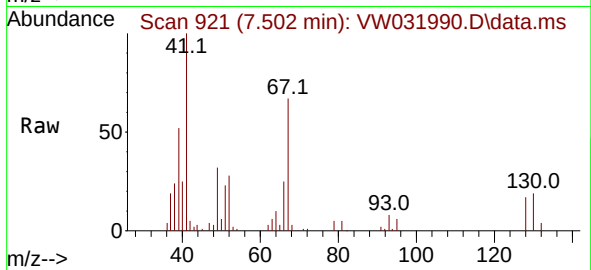
Tgt Ion: 78 Resp: 246338
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 16.758 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

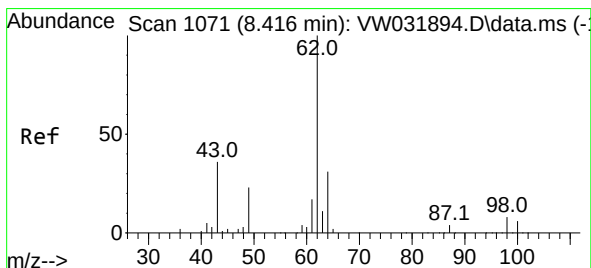
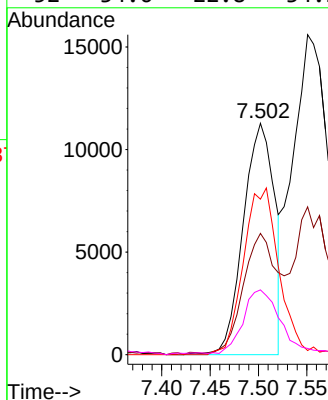
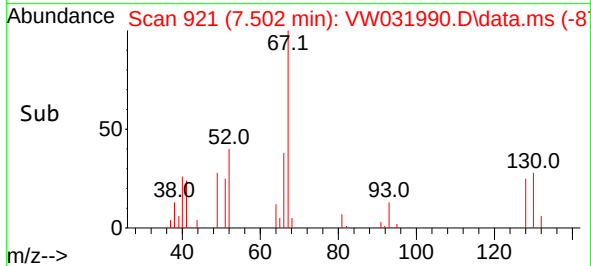
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



Tgt Ion:	41	Resp:	2529
Ion Ratio	100	Lower	Upper
41	100		
39	57.4	41.1	61.7
67	82.3	56.2	84.4
52	34.6	22.8	34.2

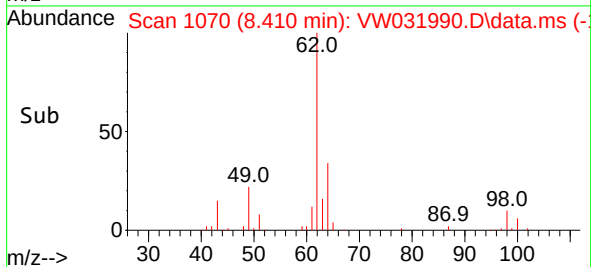
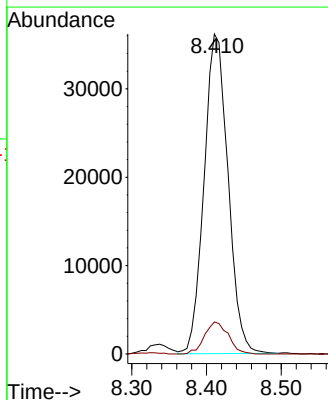
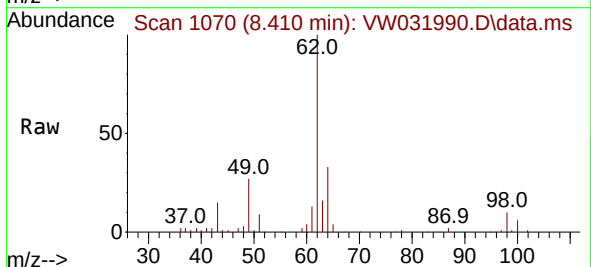
Manual Integrations
APPROVED

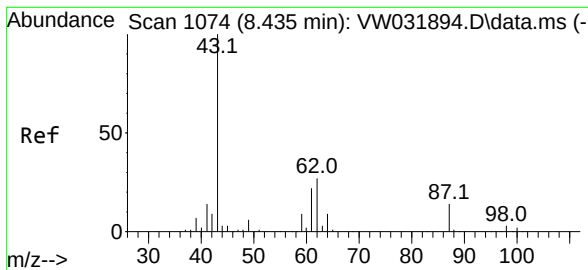
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#42
1,2-Dichloroethane
Concen: 19.222 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Tgt Ion:	62	Resp:	80488
Ion Ratio	100	Lower	Upper
62	100		
98	9.9	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.807 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

Instrument :

MSVOA_W

ClientSampleId :

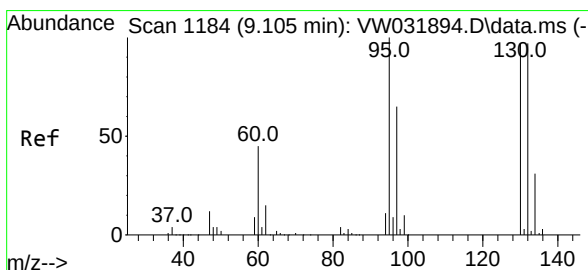
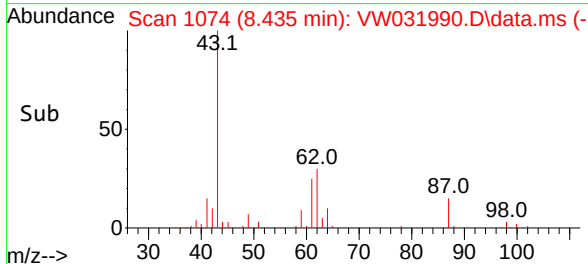
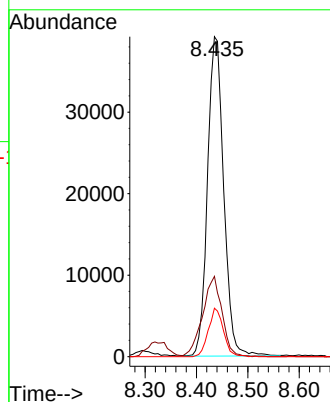
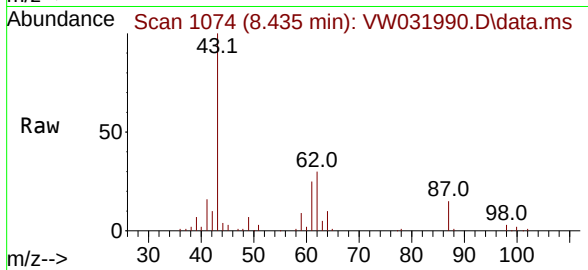
VW0804SBSD01

Tgt Ion:	43	Resp:	8584
Ion Ratio	Lower	Upper	
43	100		
61	30.0	24.0	36.0
87	14.1	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#44

Trichloroethene

Concen: 19.300 ug/l

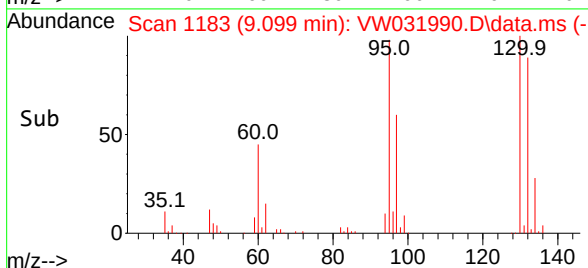
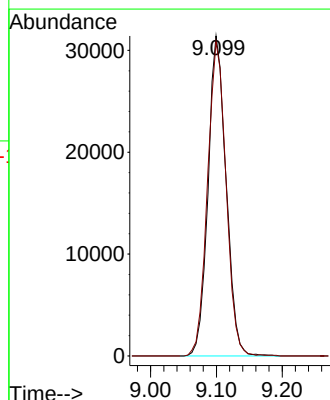
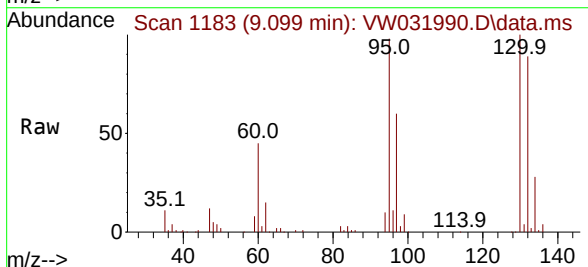
RT: 9.099 min Scan# 1183

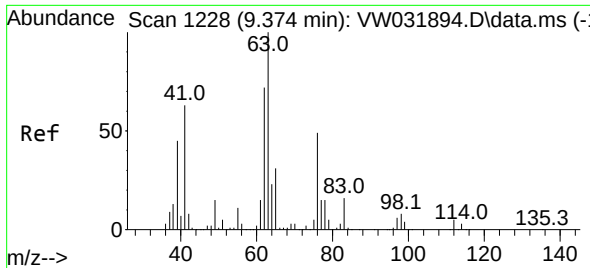
Delta R.T. -0.006 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

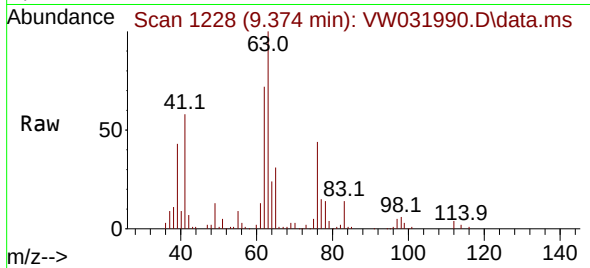
Tgt Ion:	130	Resp:	60019
Ion Ratio	Lower	Upper	
130	100		
95	98.1	0.0	206.4





#45
1,2-Dichloropropane
Concen: 19.344 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

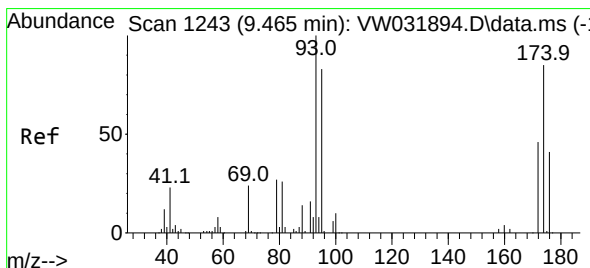
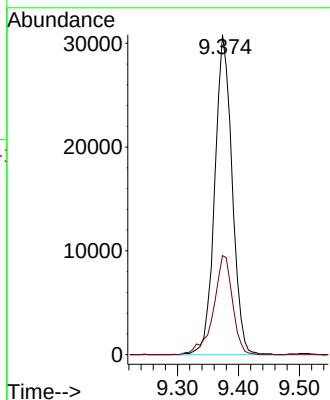
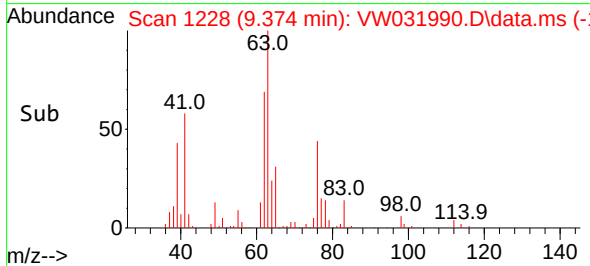
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



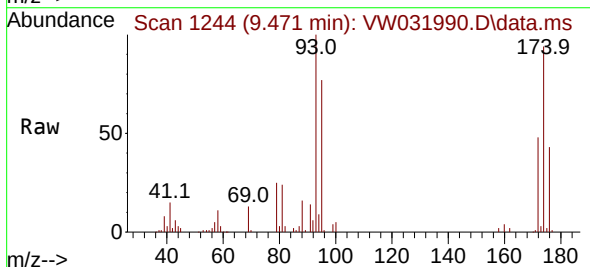
Tgt Ion: 63 Resp: 60950
Ion Ratio Lower Upper
63 100
65 31.0 25.0 37.4

Manual Integrations
APPROVED

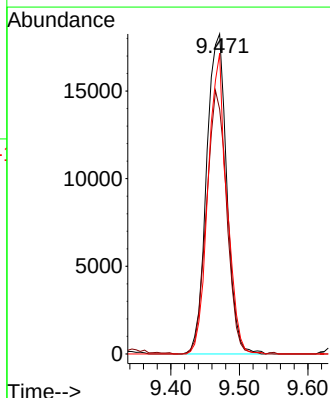
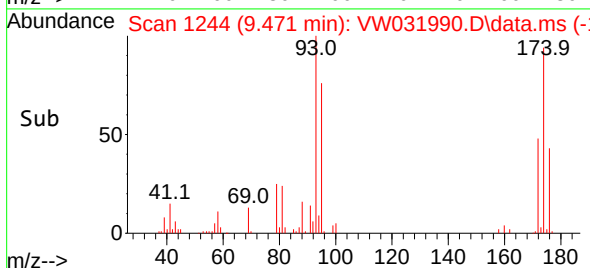
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

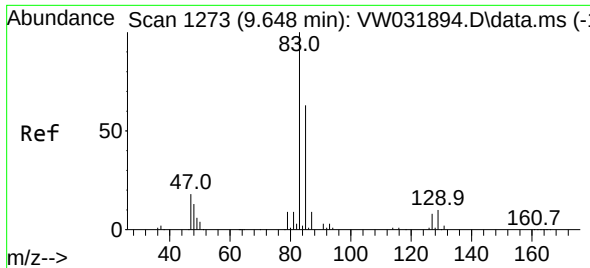


#46
Dibromomethane
Concen: 19.209 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



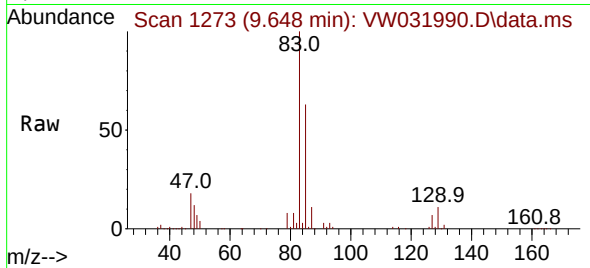
Tgt Ion: 93 Resp: 37519
Ion Ratio Lower Upper
93 100
95 82.2 65.8 98.6
174 86.8 70.2 105.2





#47
Bromodichloromethane
Concen: 19.294 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

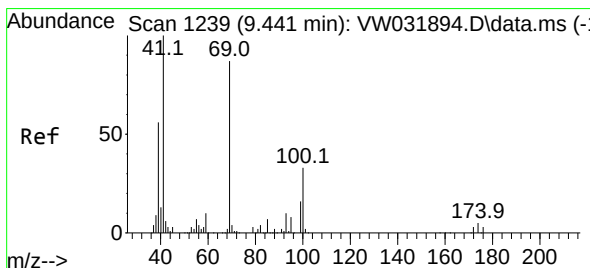
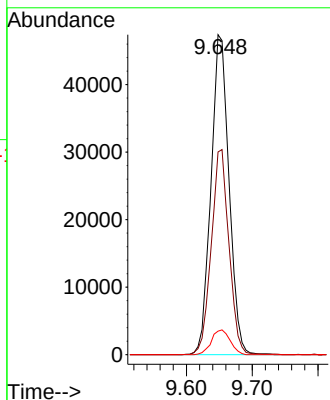
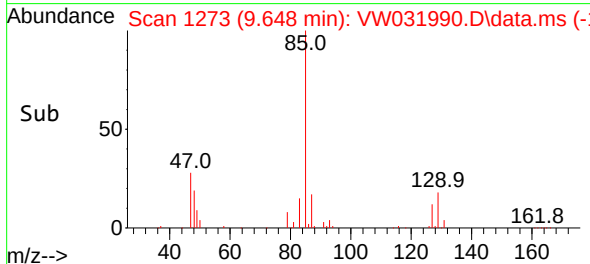
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



Tgt Ion: 83 Resp: 90368
Ion Ratio Lower Upper
83 100
85 63.4 50.6 76.0
127 7.4 6.5 9.7

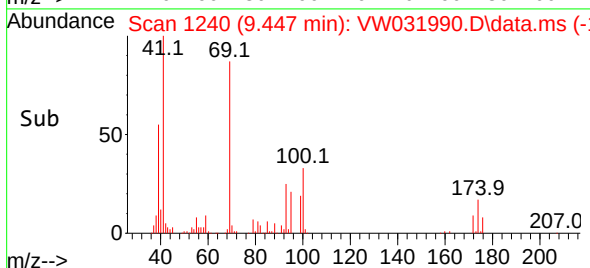
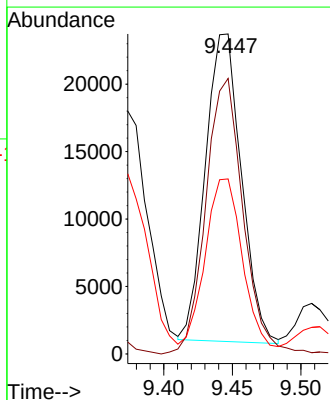
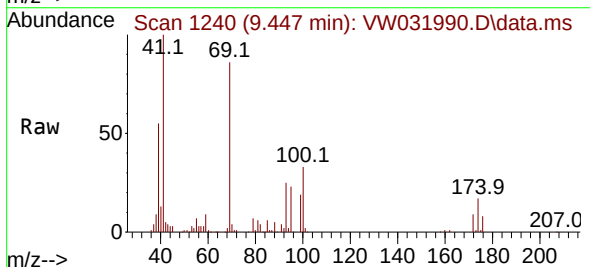
Manual Integrations
APPROVED

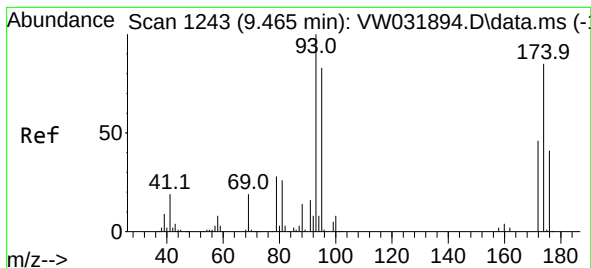
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#48
Methyl methacrylate
Concen: 19.155 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

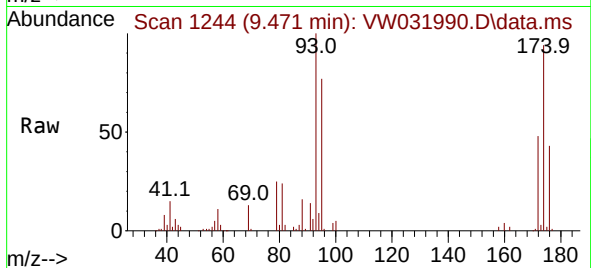
Tgt Ion: 41 Resp: 41595
Ion Ratio Lower Upper
41 100
69 93.3 73.6 110.4
39 55.4 45.5 68.3





#49
1,4-Dioxane
Concen: 515.601 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

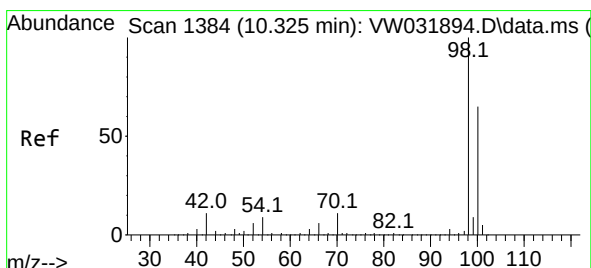
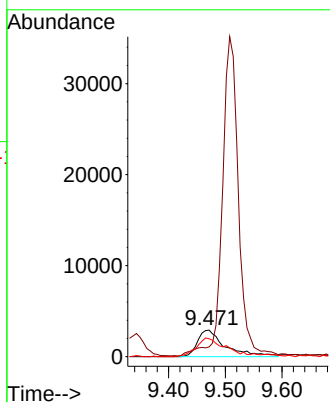
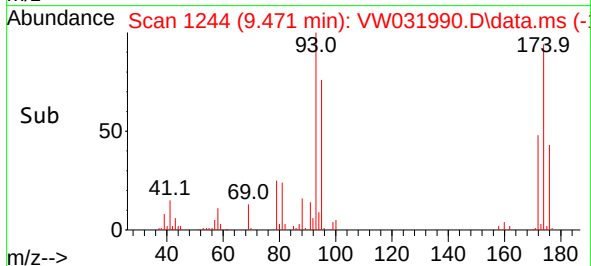
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 88 Resp: 10049
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.4
58 71.8 58.2 87.2

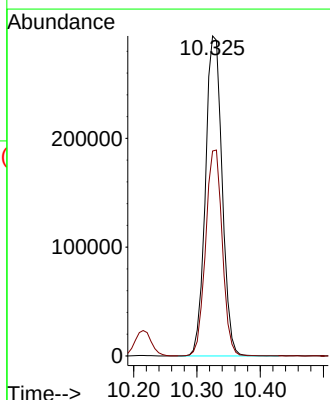
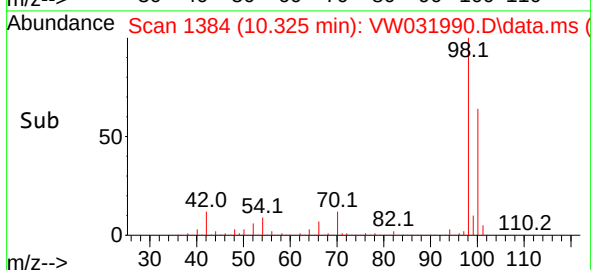
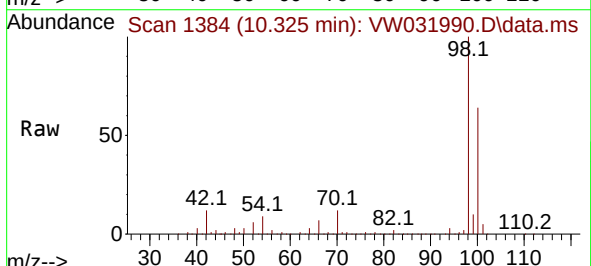
Manual Integrations
APPROVED

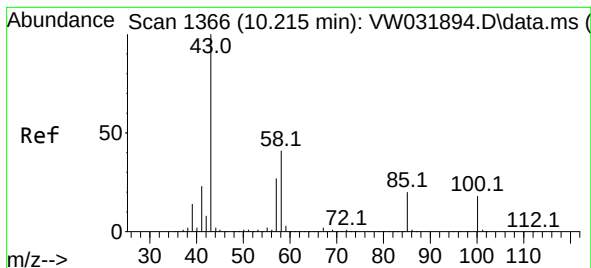
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#50
Toluene-d8
Concen: 49.543 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

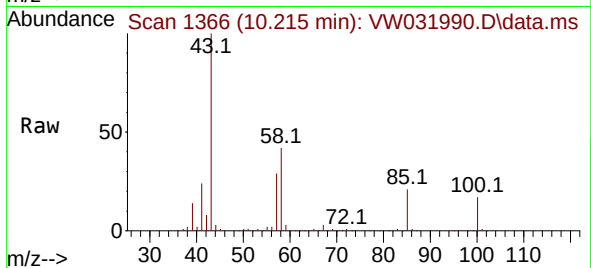
Tgt Ion: 98 Resp: 539638
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 98.148 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

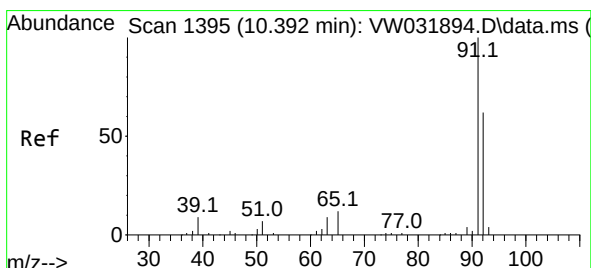
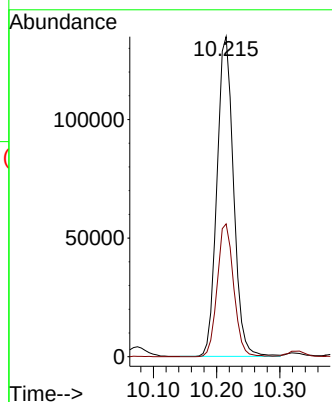
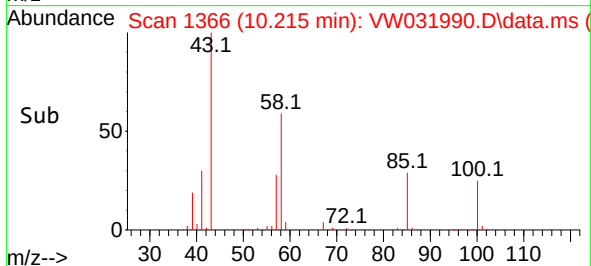
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



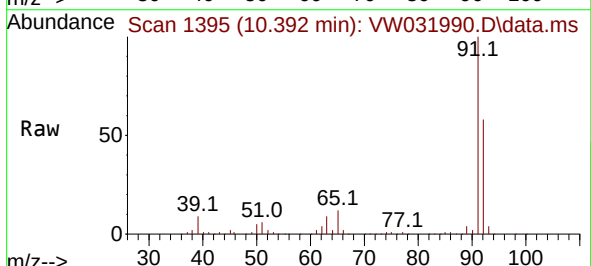
Tgt Ion: 43 Resp: 245168
Ion Ratio Lower Upper
43 100
58 41.3 32.8 49.2

Manual Integrations
APPROVED

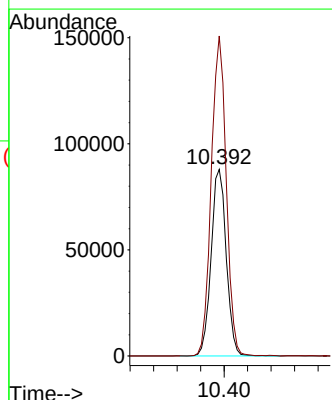
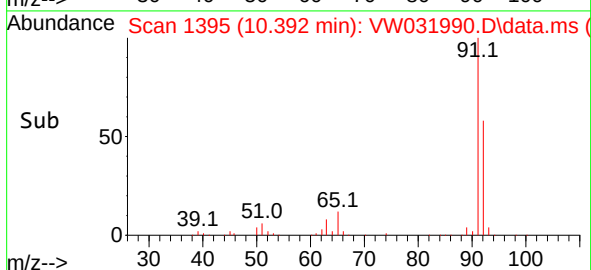
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

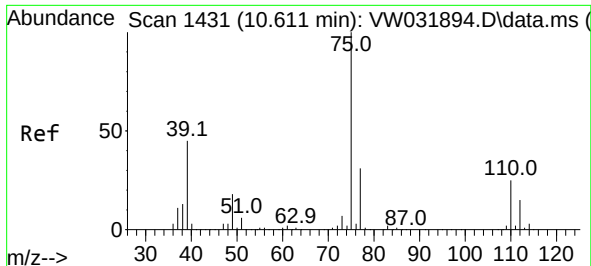


#52
Toluene
Concen: 18.684 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



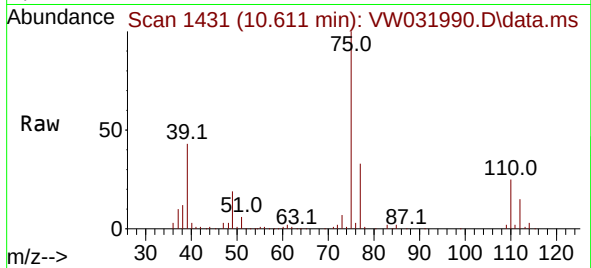
Tgt Ion: 92 Resp: 157140
Ion Ratio Lower Upper
92 100
91 169.6 133.7 200.5





#53
t-1,3-Dichloropropene
Concen: 18.750 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

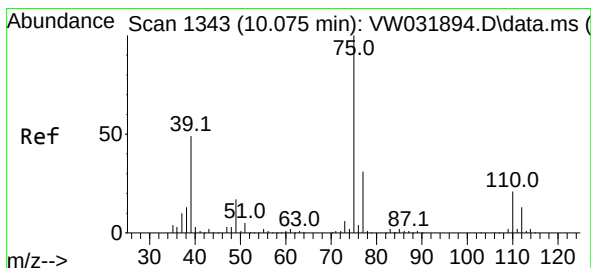
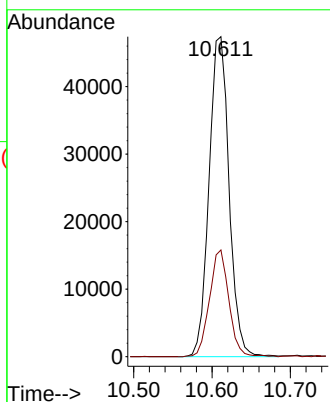
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



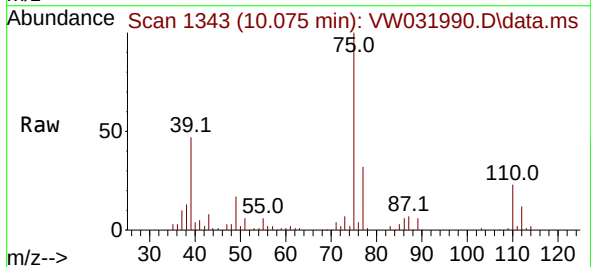
Tgt Ion: 75 Resp: 84239
Ion Ratio Lower Upper
75 100
77 33.4 25.2 37.8

Manual Integrations
APPROVED

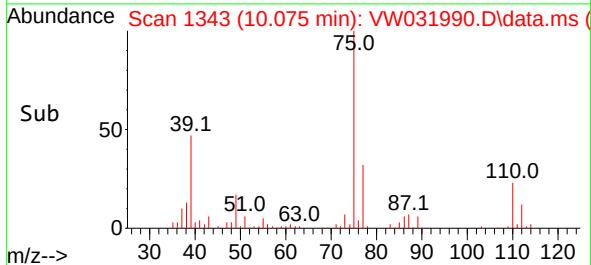
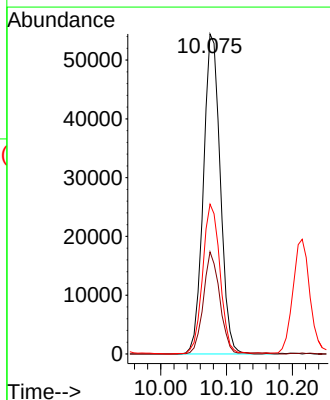
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

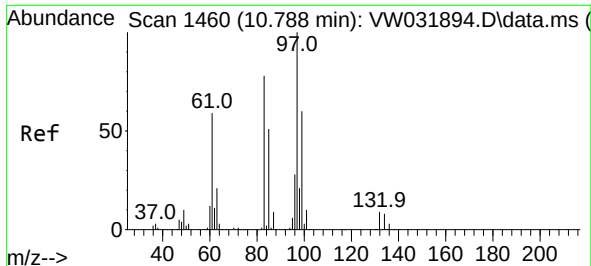


#54
cis-1,3-Dichloropropene
Concen: 18.993 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



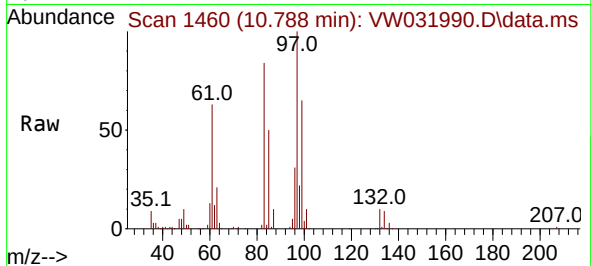
Tgt Ion: 75 Resp: 97451
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7
39 46.7 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 20.290 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

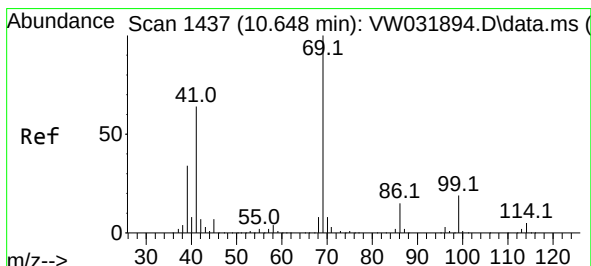
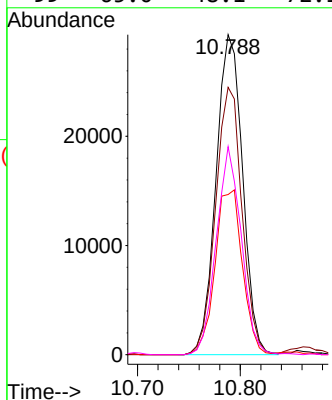
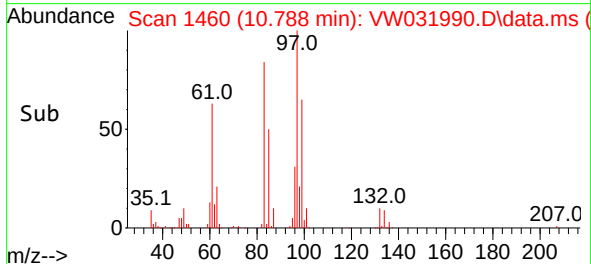
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	62.4	93.6
85	50.1	41.0	61.6
99	65.0	48.1	72.1

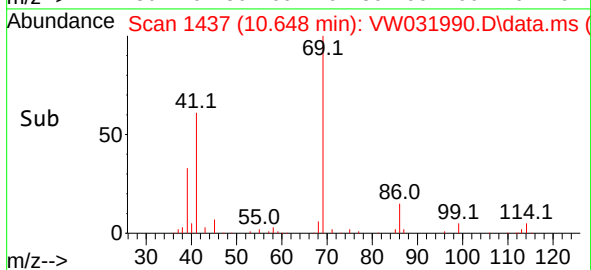
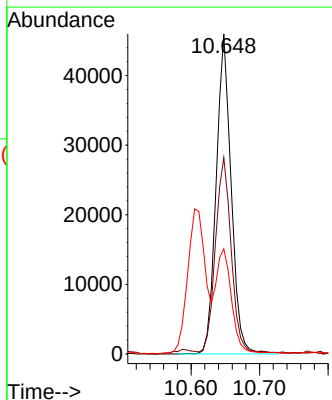
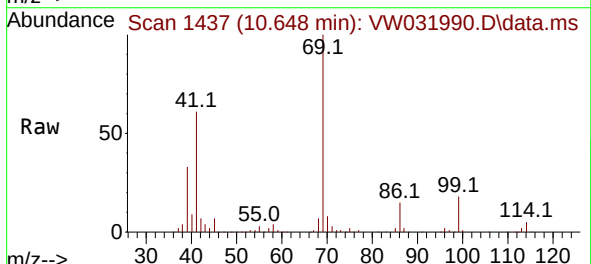
Manual Integrations
APPROVED

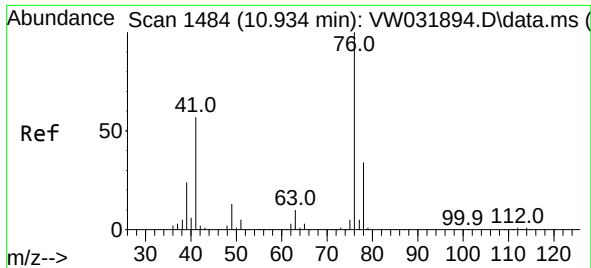
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#56
Ethyl methacrylate
Concen: 19.009 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

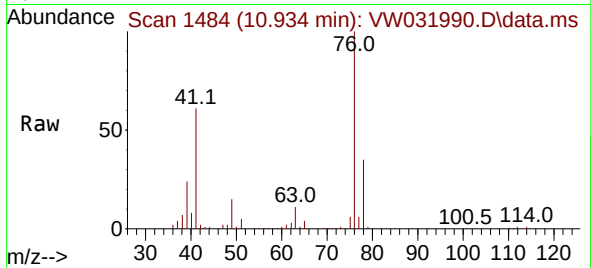
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.0	78.0
39	32.9	26.6	40.0





#57
1,3-Dichloropropane
Concen: 19.412 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

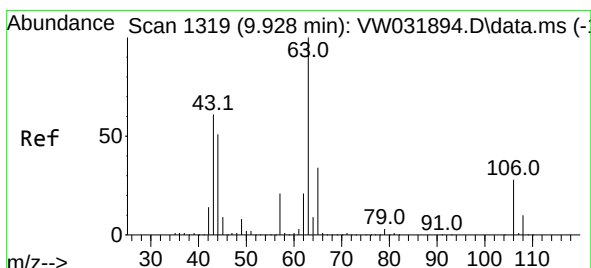
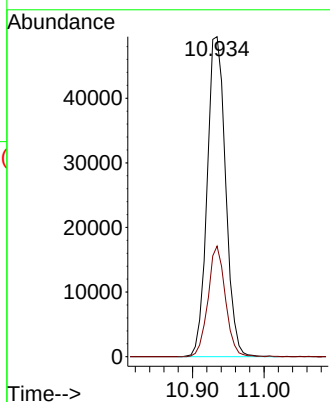
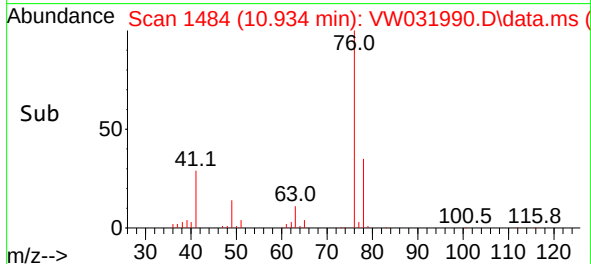
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 76 Resp: 88730
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

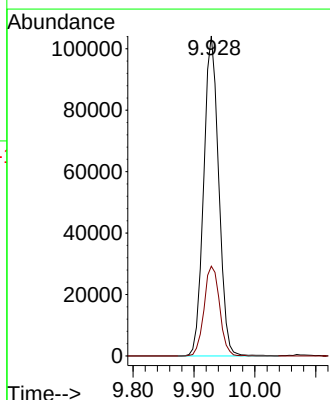
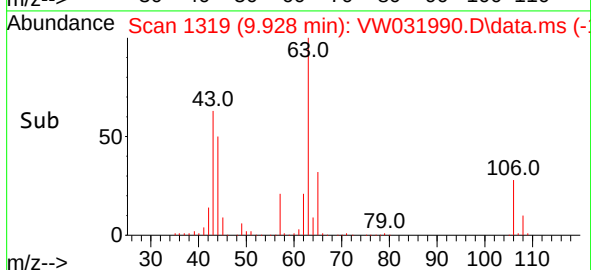
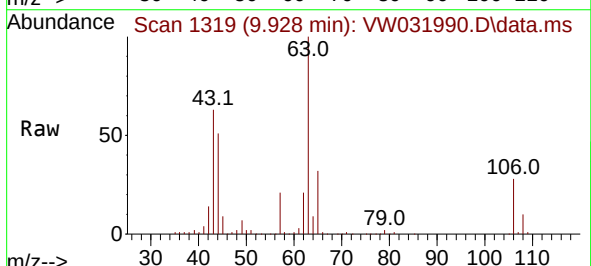
Manual Integrations
APPROVED

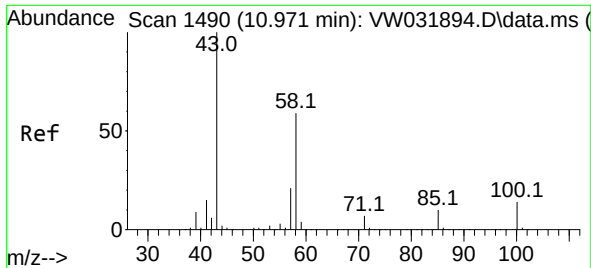
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#58
2-Chloroethyl Vinyl ether
Concen: 95.240 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

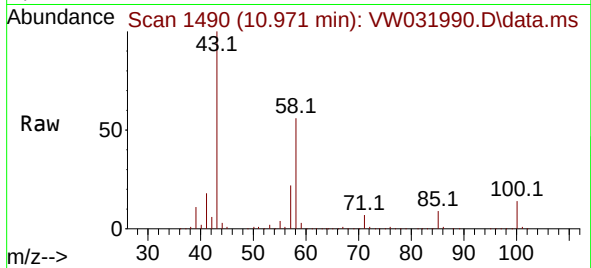
Tgt Ion: 63 Resp: 179255
Ion Ratio Lower Upper
63 100
106 28.9 22.7 34.1





#59
2-Hexanone
Concen: 100.104 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

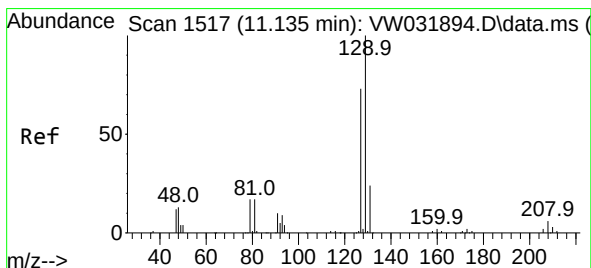
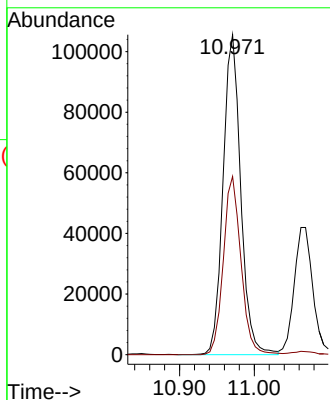
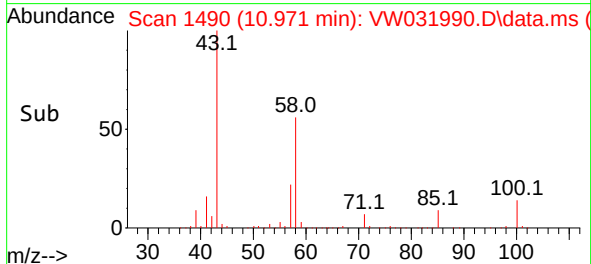
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 43 Resp: 173812
Ion Ratio Lower Upper
43 100
58 55.6 28.5 85.6

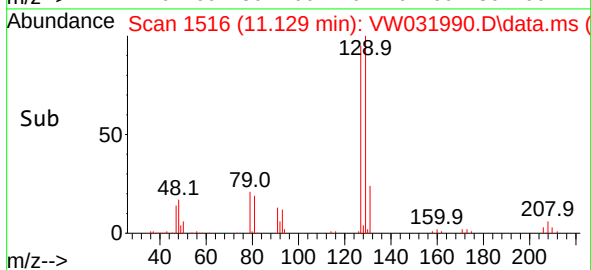
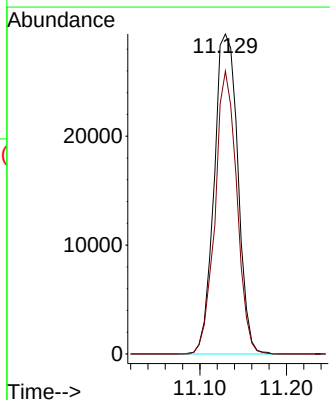
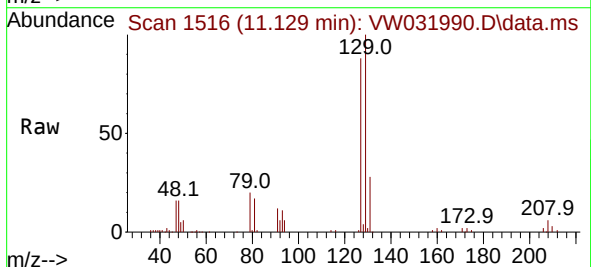
Manual Integrations
APPROVED

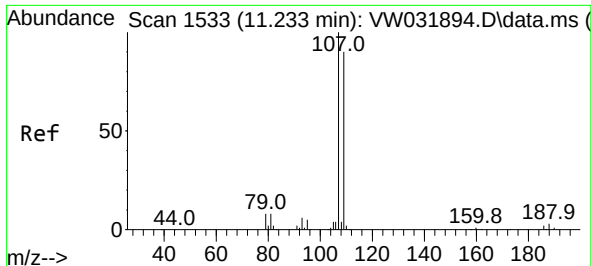
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#60
Dibromochloromethane
Concen: 18.471 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

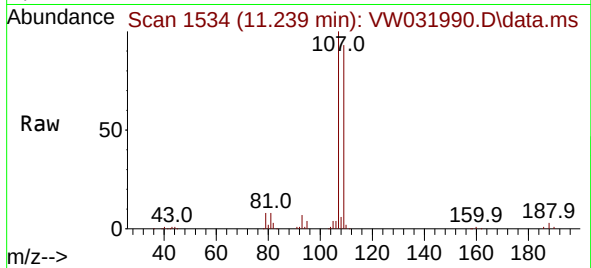
Tgt Ion:129 Resp: 55876
Ion Ratio Lower Upper
129 100
127 81.0 39.6 118.8





#61
1,2-Dibromoethane
Concen: 19.420 ug/l
RT: 11.239 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

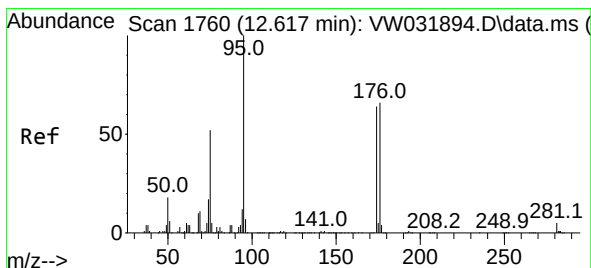
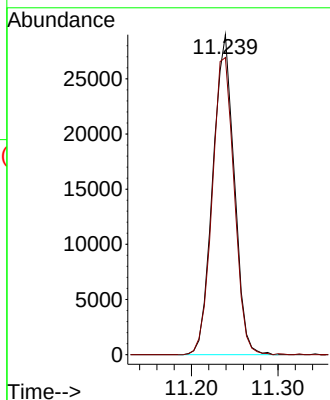
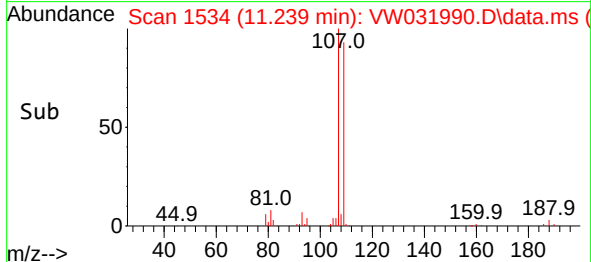
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



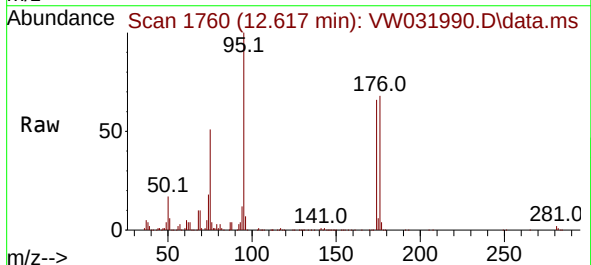
Tgt Ion:107 Resp: 49788
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4

Manual Integrations
APPROVED

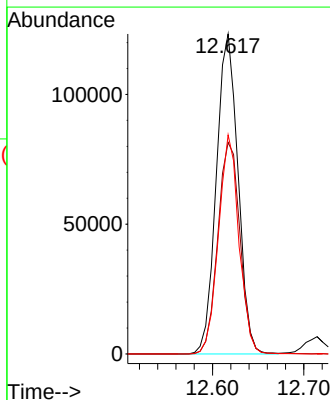
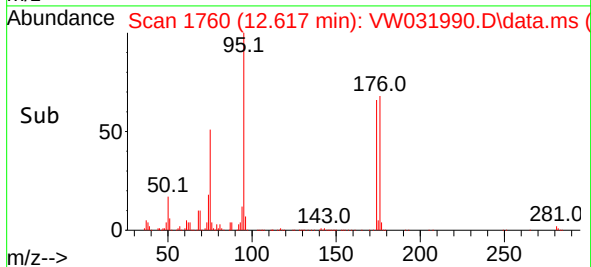
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

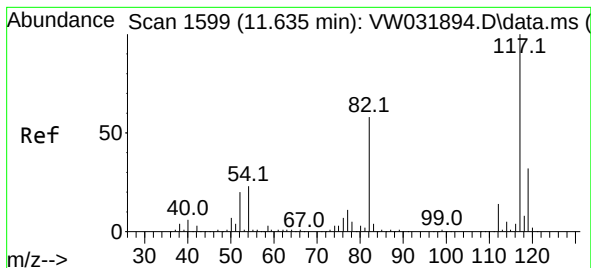


#62
4-Bromofluorobenzene
Concen: 48.607 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



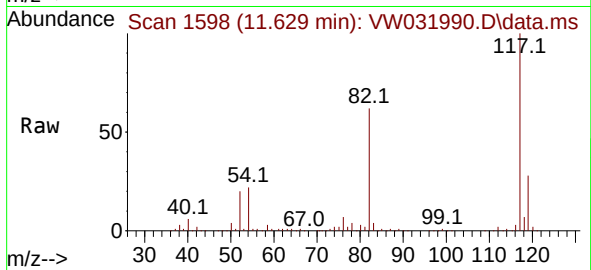
Tgt Ion: 95 Resp: 203294
Ion Ratio Lower Upper
95 100
174 67.8 0.0 129.8
176 65.0 0.0 130.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

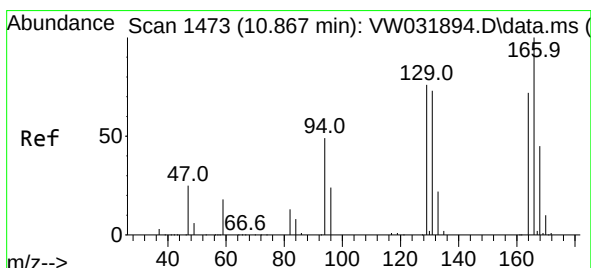
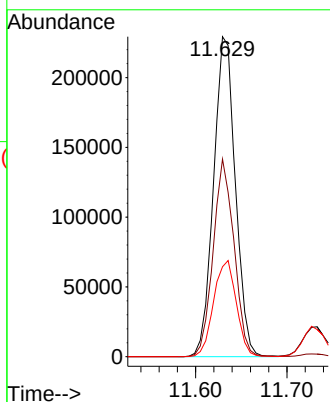
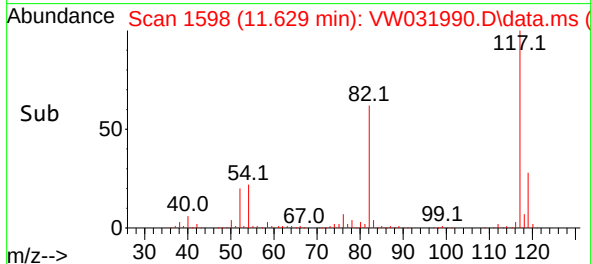
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



Tgt Ion:117 Resp: 380864
Ion Ratio Lower Upper
117 100
82 61.7 46.5 69.7
119 28.1 25.8 38.6

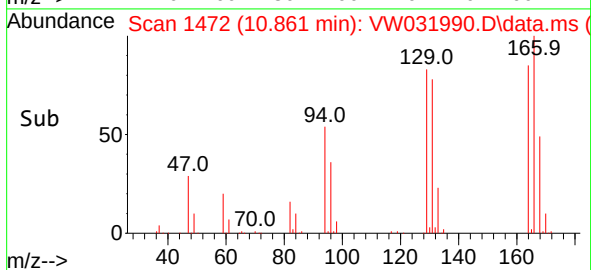
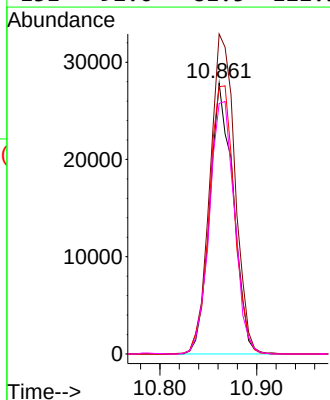
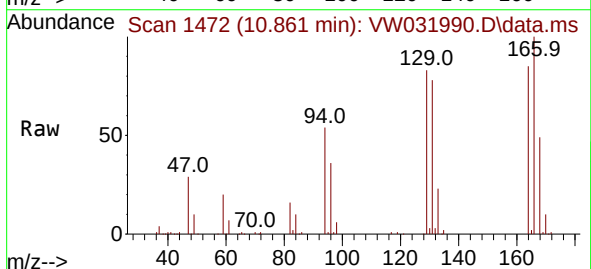
Manual Integrations
APPROVED

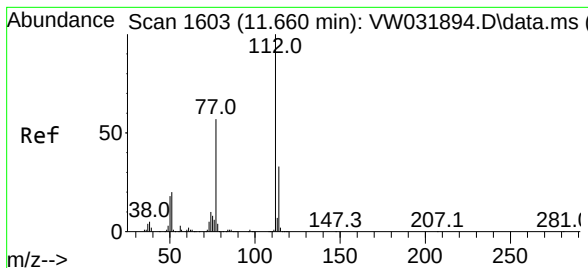
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#64
Tetrachloroethene
Concen: 18.729 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

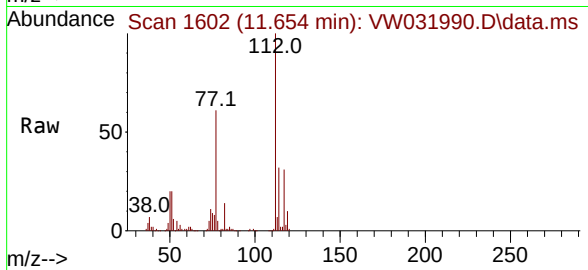
Tgt Ion:164 Resp: 47029
Ion Ratio Lower Upper
164 100
166 118.0 111.5 167.3
129 98.7 85.1 127.7
131 92.6 81.5 122.3





#65
Chlorobenzene
Concen: 18.877 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

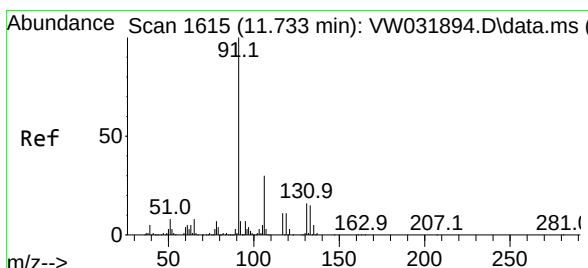
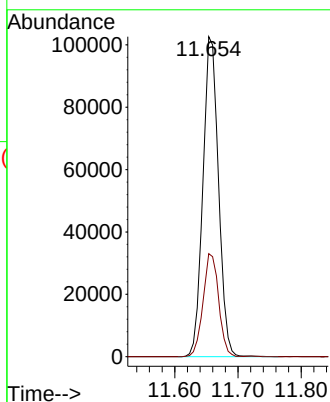
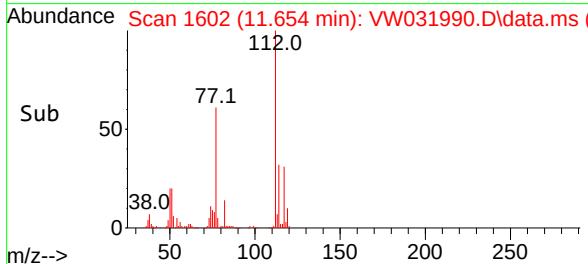
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



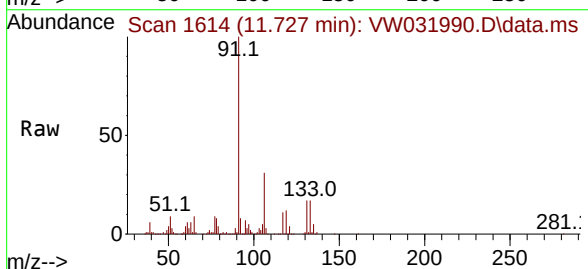
Tgt Ion:112 Resp: 175958
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

Manual Integrations
APPROVED

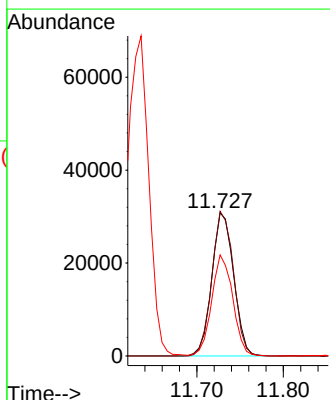
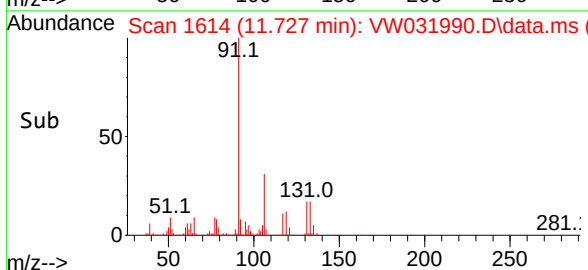
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

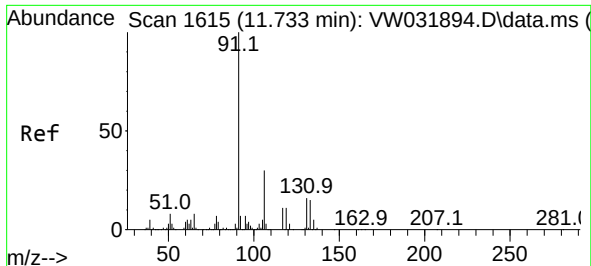


#66
1,1,1,2-Tetrachloroethane
Concen: 18.704 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



Tgt Ion:131 Resp: 54049
Ion Ratio Lower Upper
131 100
133 100.0 48.1 144.4
119 68.1 33.7 101.1





#67

Ethyl Benzene

Concen: 18.259 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

Tgt Ion: 91 Resp: 299038

Ion Ratio Lower Upper

91 100

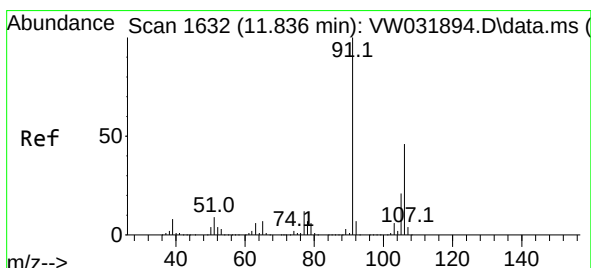
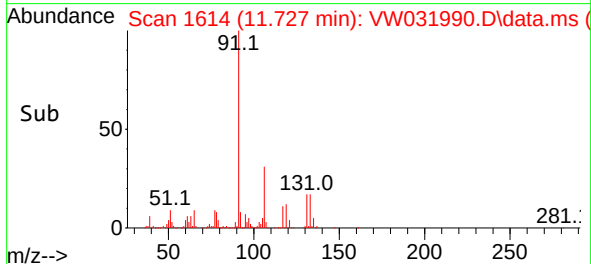
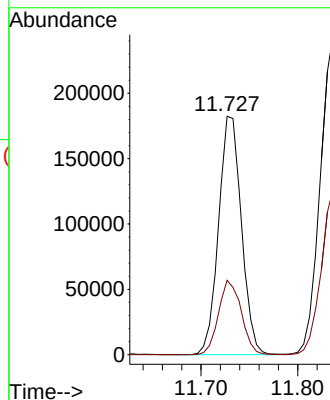
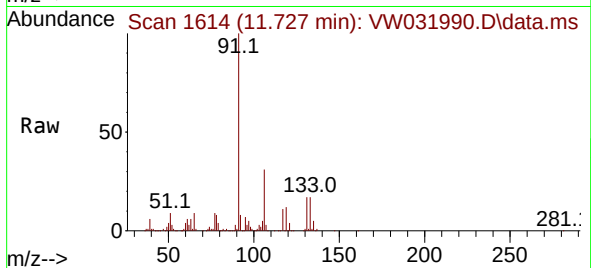
106 31.2 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#68

m/p-Xylenes

Concen: 38.166 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031990.D

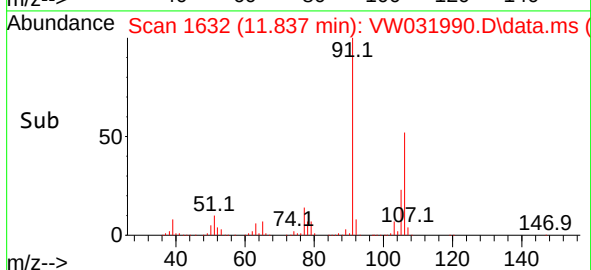
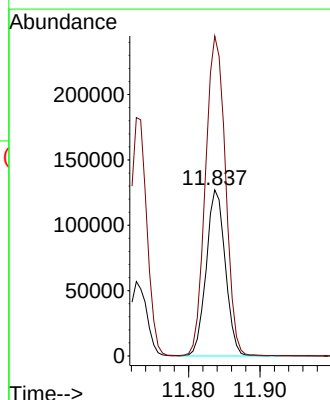
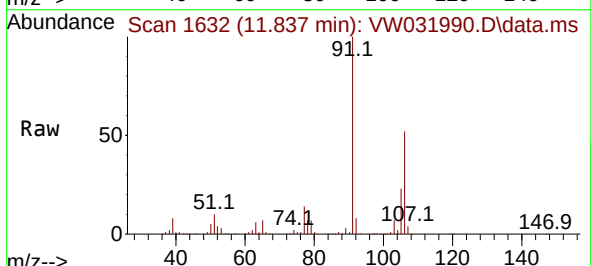
Acq: 04 Aug 2025 10:42

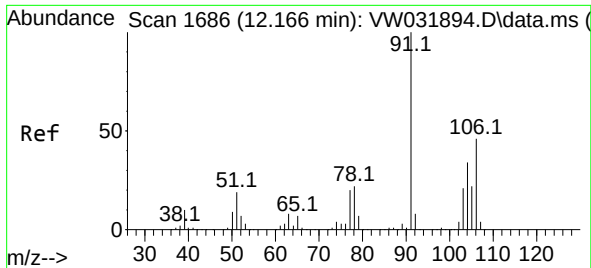
Tgt Ion:106 Resp: 235313

Ion Ratio Lower Upper

106 100

91 202.0 167.7 251.5





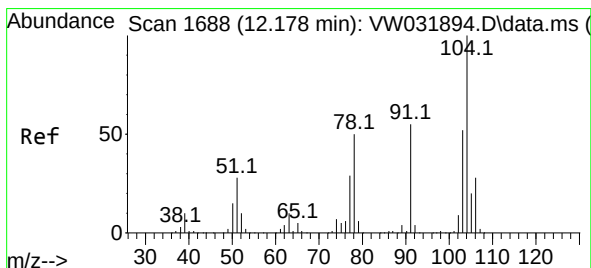
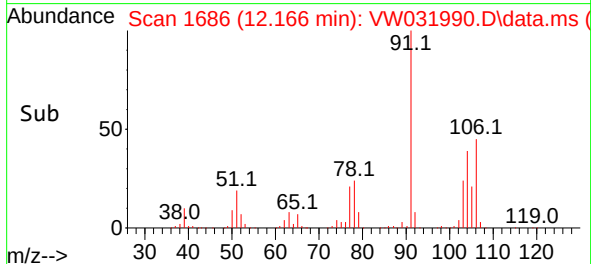
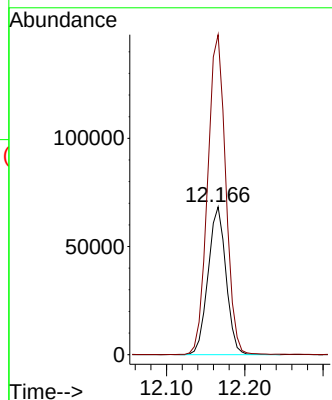
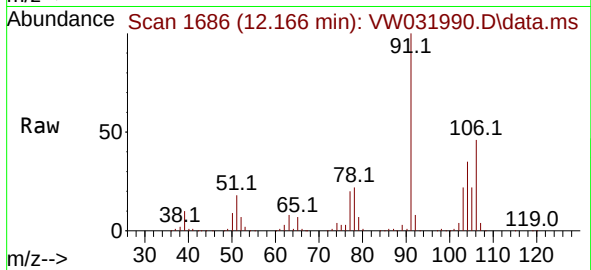
#69
o-Xylene
Concen: 18.566 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

Tgt Ion:106 Resp: 10833
Ion Ratio Lower Upper
106 100
91 218.6 108.2 324.6

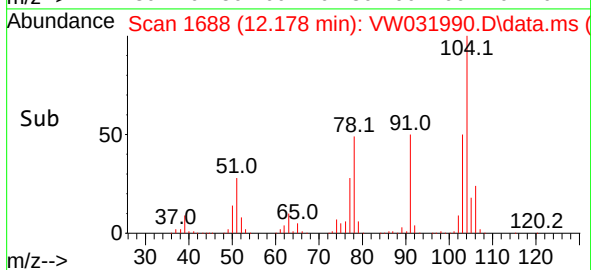
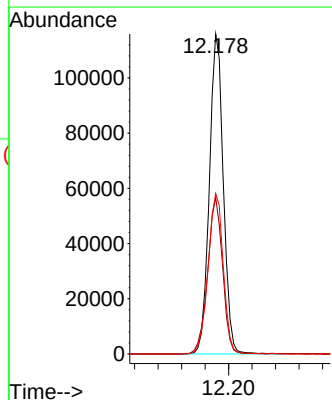
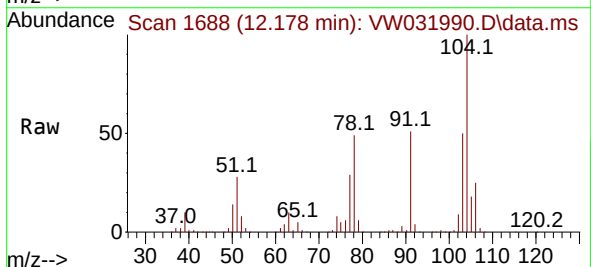
Manual Integrations
APPROVED

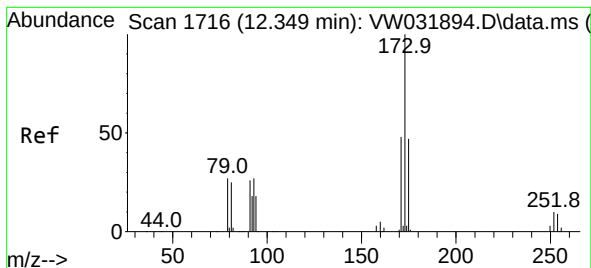
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#70
Styrene
Concen: 19.307 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Tgt Ion:104 Resp: 191802
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.4
103 54.6 42.8 64.2





#71

Bromoform

Concen: 19.899 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031990.D

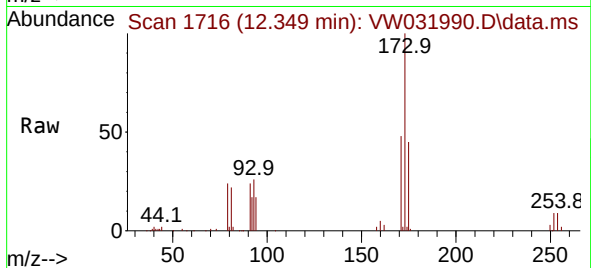
Acq: 04 Aug 2025 10:42

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBSD01



Tgt Ion:173 Resp: 31449

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

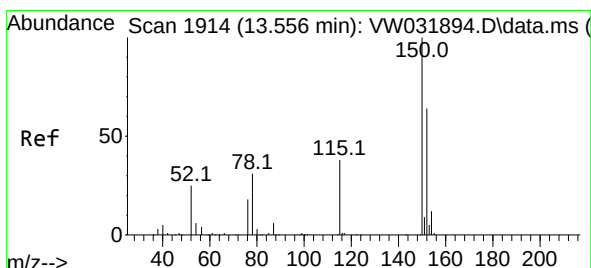
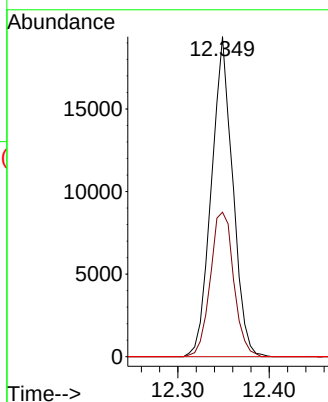
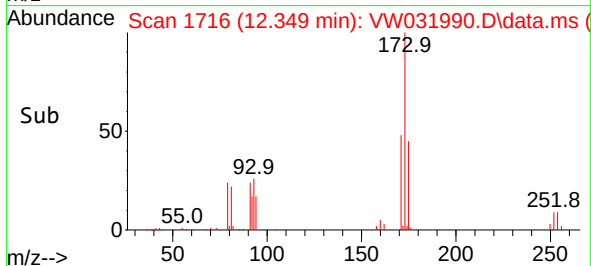
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

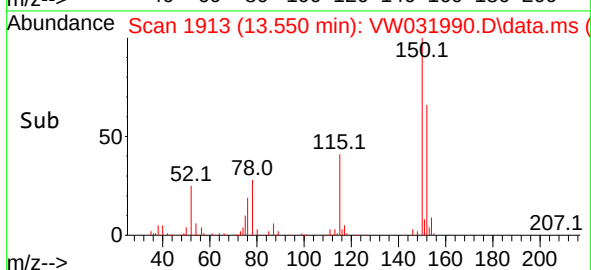
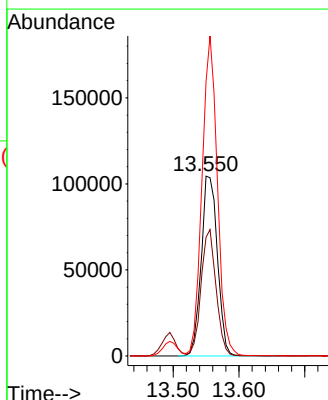
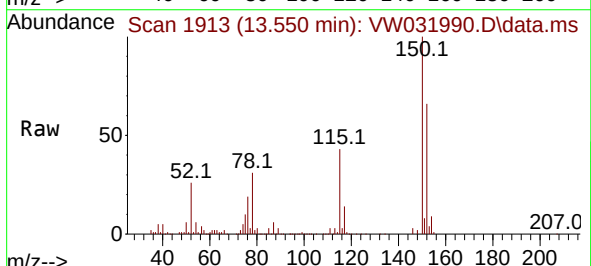
Tgt Ion:152 Resp: 179411

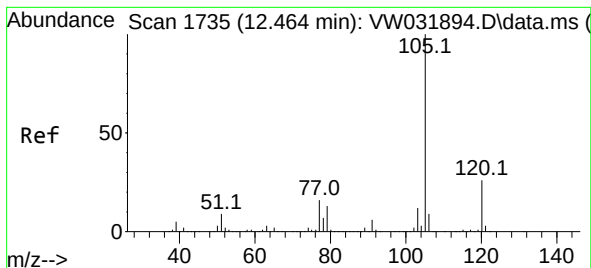
Ion Ratio Lower Upper

152 100

115 65.1 33.4 100.1

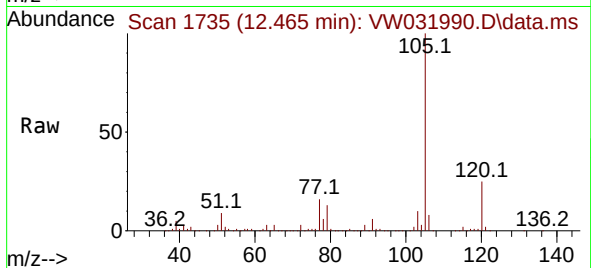
150 167.9 0.0 352.2





#73
Isopropylbenzene
Concen: 17.881 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

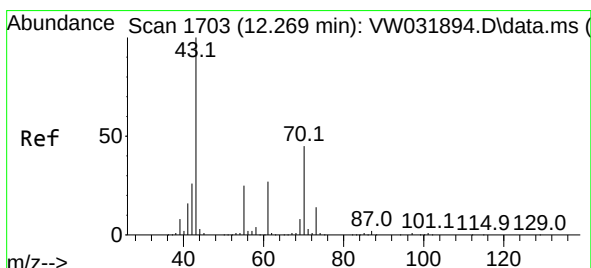
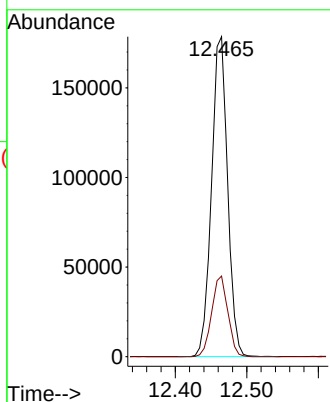
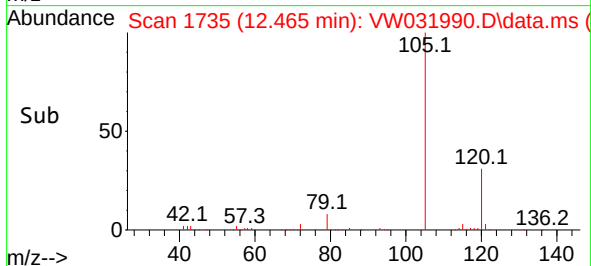
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



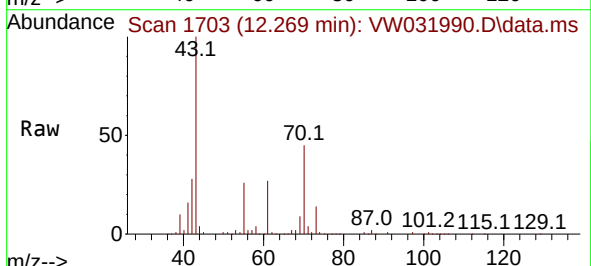
Tgt Ion: 105 Resp: 27835
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8

Manual Integrations
APPROVED

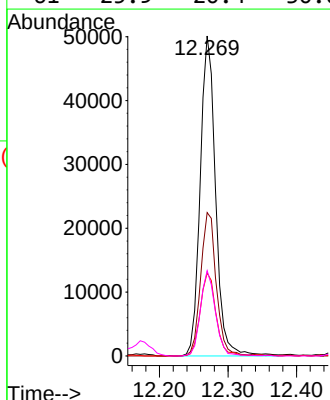
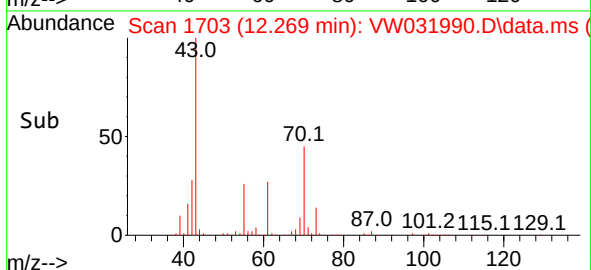
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

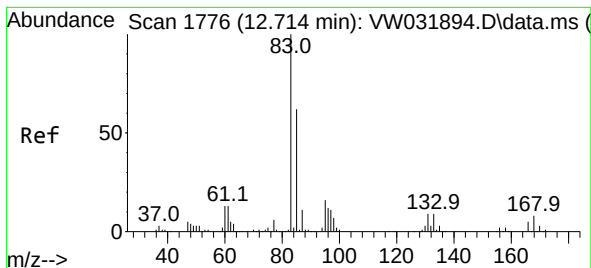


#74
N-ethyl acetate
Concen: 18.662 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



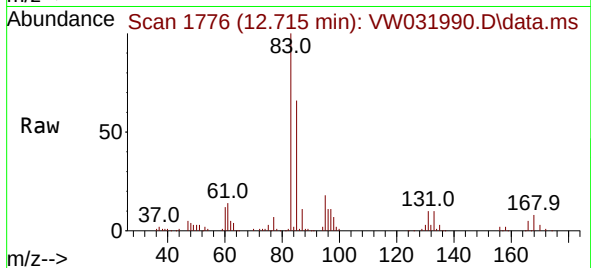
Tgt Ion: 43 Resp: 78536
Ion Ratio Lower Upper
43 100
70 45.3 36.6 55.0
55 26.5 20.7 31.1
61 25.9 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 19.188 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

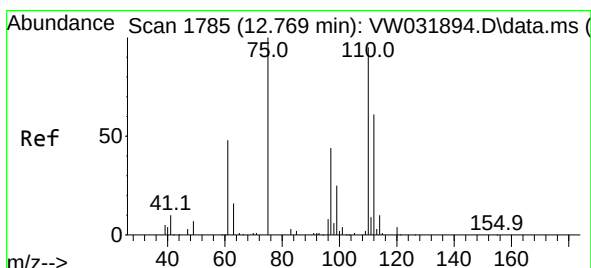
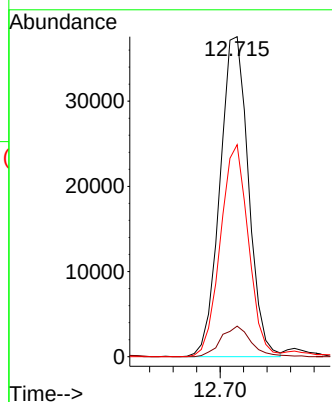
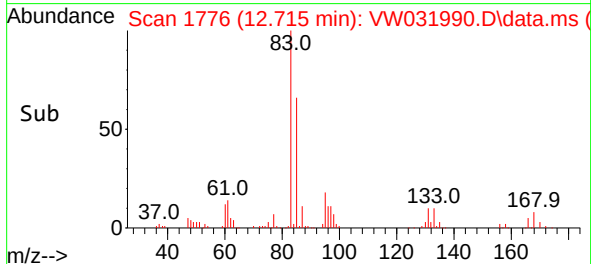
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



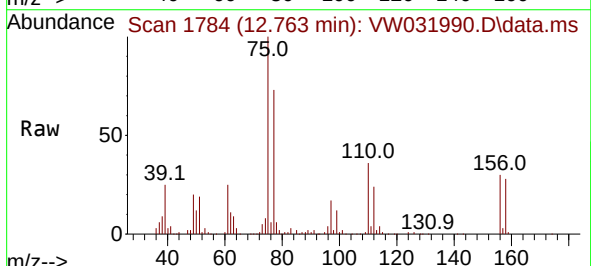
Tgt Ion: 83 Resp: 6340
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.1 31.8 95.3

Manual Integrations
APPROVED

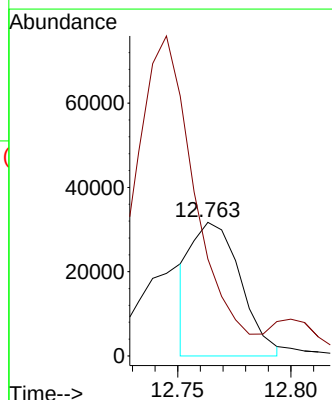
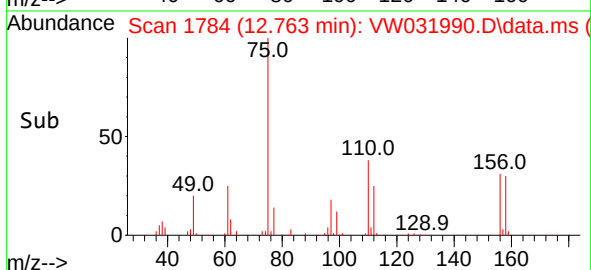
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

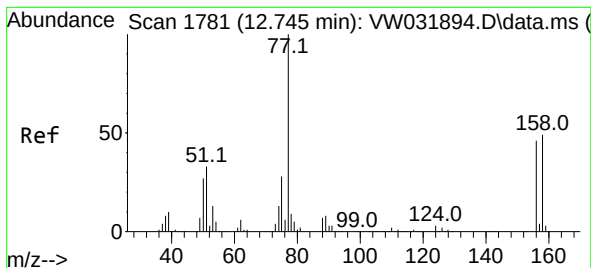


#76
1,2,3-Trichloropropane
Concen: 19.175 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



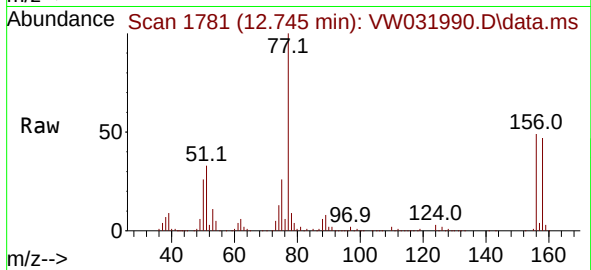
Tgt Ion: 75 Resp: 47498
Ion Ratio Lower Upper
75 100
77 294.2 0.0 0.0#





#77
Bromobenzene
Concen: 19.264 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

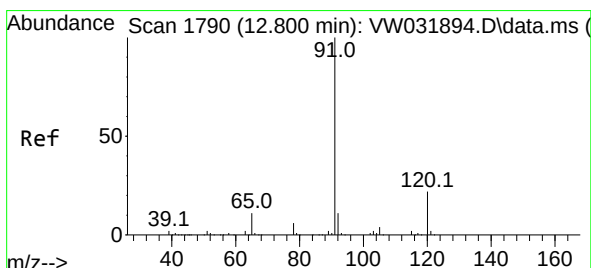
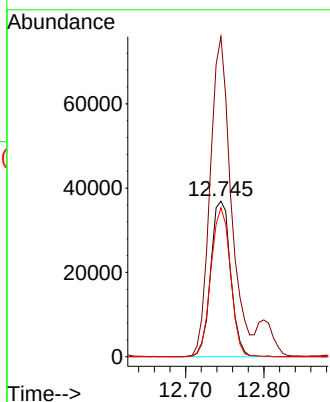
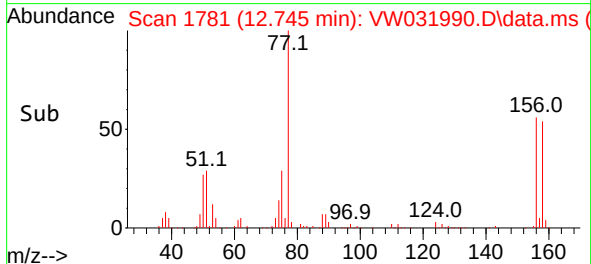
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 156 Resp: 64884
Ion Ratio Lower Upper
156 100
77 215.3 115.3 345.8
158 94.3 50.1 150.3

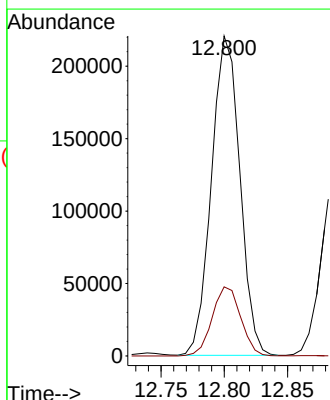
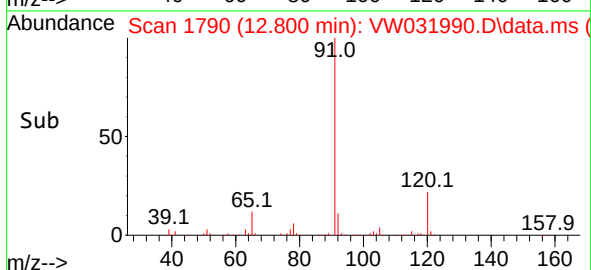
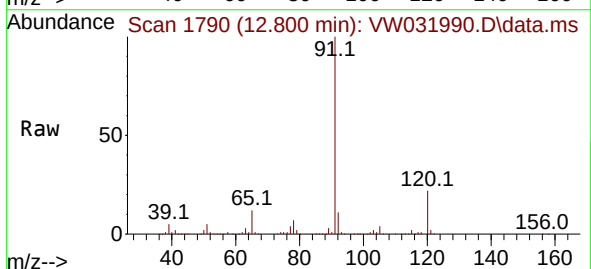
Manual Integrations
APPROVED

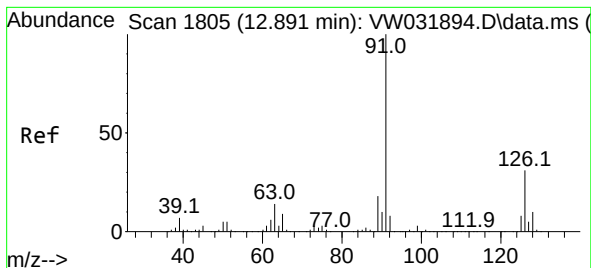
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#78
n-propylbenzene
Concen: 18.015 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

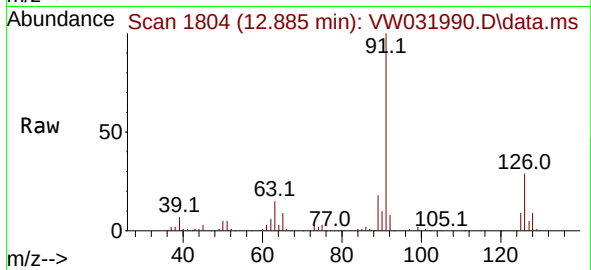
Tgt Ion: 91 Resp: 344429
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.6





#79
2-Chlorotoluene
Concen: 18.477 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

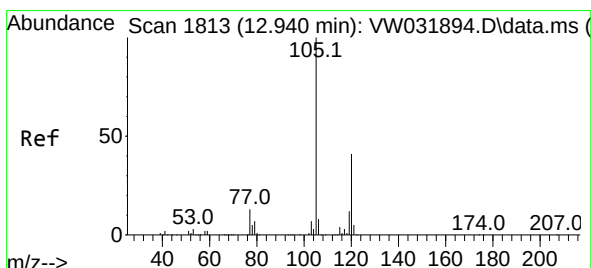
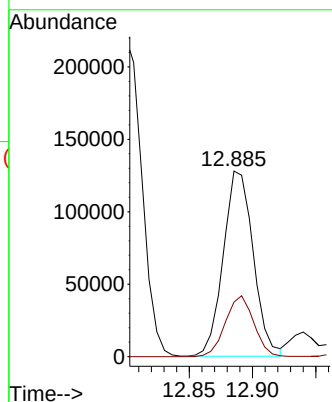
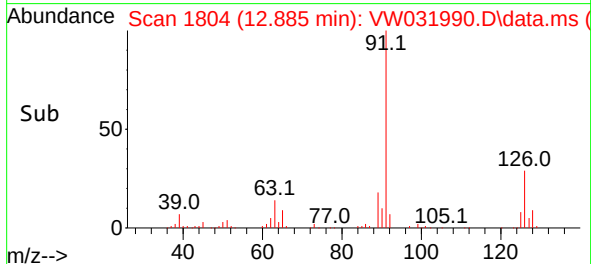
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



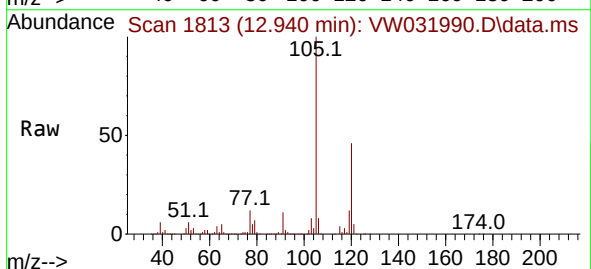
Tgt Ion: 91 Resp: 210918
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8

Manual Integrations
APPROVED

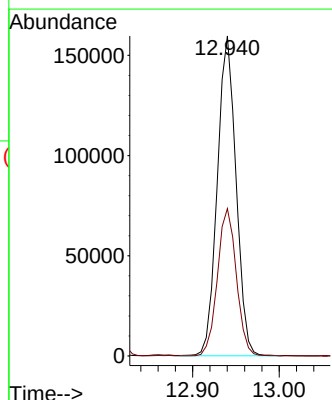
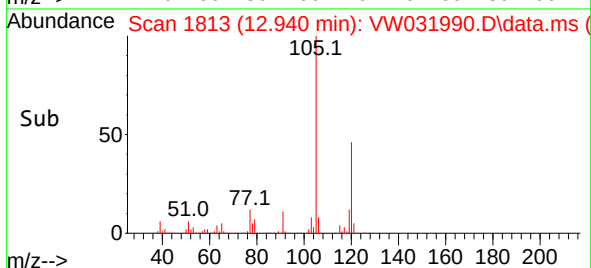
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

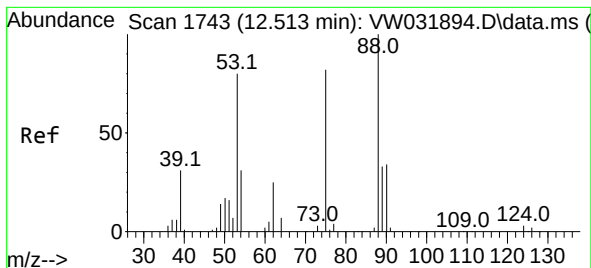


#80
1,3,5-Trimethylbenzene
Concen: 18.355 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



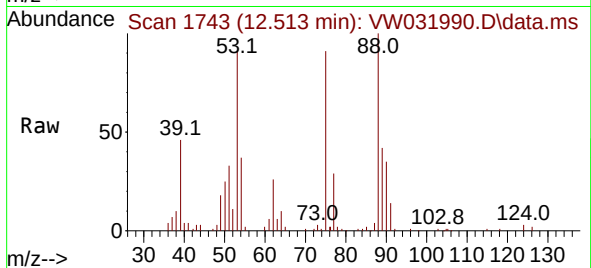
Tgt Ion:105 Resp: 239639
Ion Ratio Lower Upper
105 100
120 46.5 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.597 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

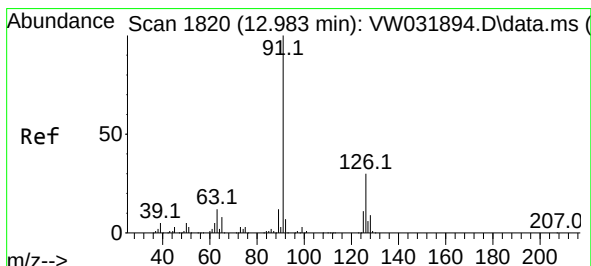
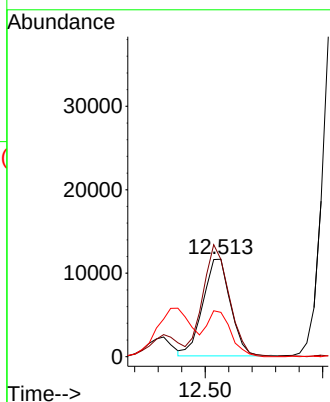
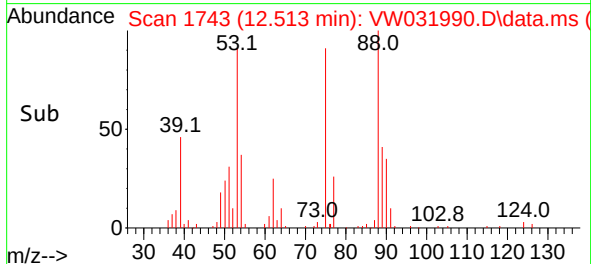
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



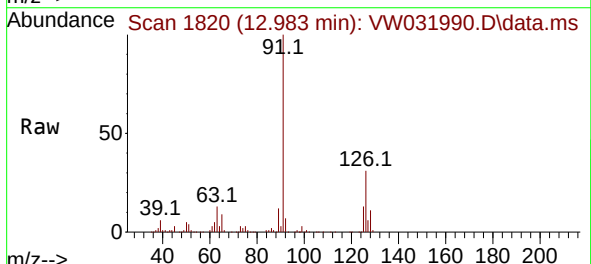
Tgt Ion: 75 Resp: 18880
Ion Ratio Lower Upper
75 100
53 111.4 83.7 125.5
89 41.4 39.0 58.6

Manual Integrations
APPROVED

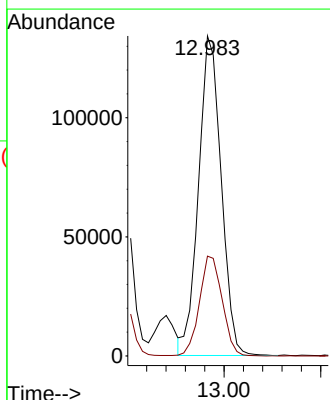
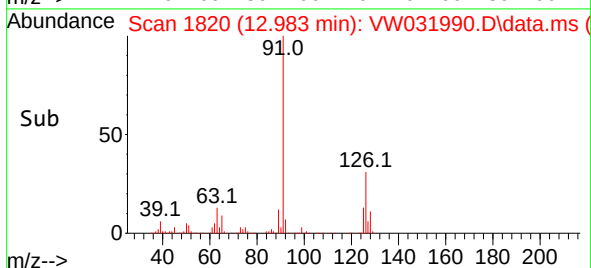
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

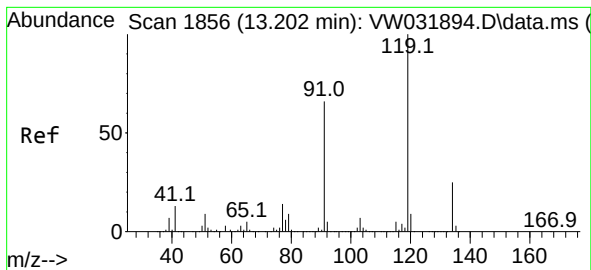


#82
4-Chlorotoluene
Concen: 18.214 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



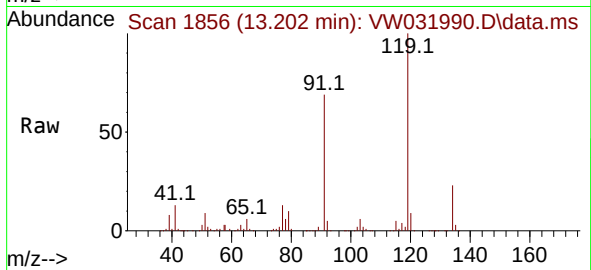
Tgt Ion: 91 Resp: 218121
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.3





#83
tert-Butylbenzene
Concen: 18.214 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

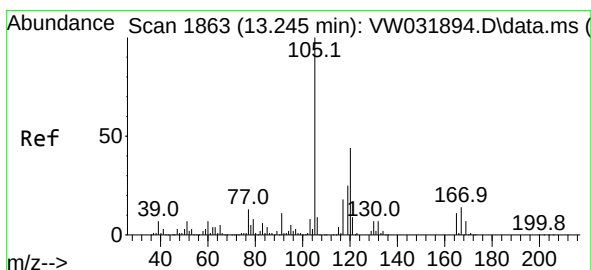
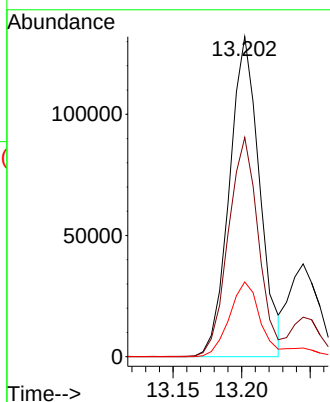
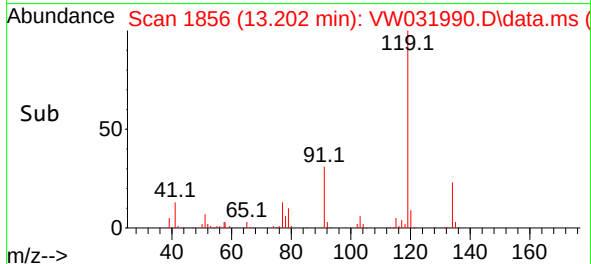
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



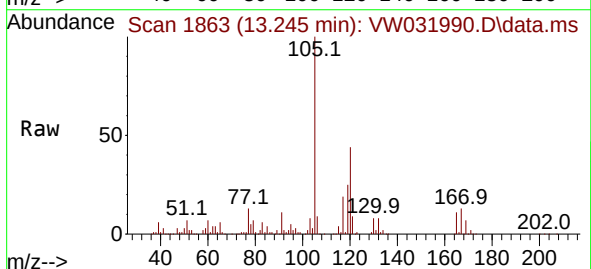
Tgt Ion:119 Resp: 202558
Ion Ratio Lower Upper
119 100
91 68.2 35.5 106.5
134 24.0 12.4 37.0

Manual Integrations
APPROVED

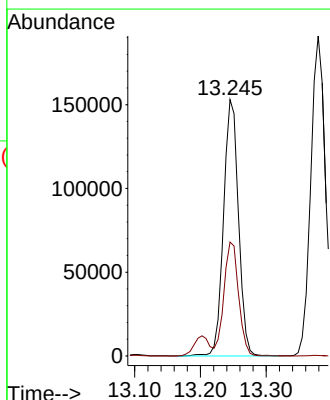
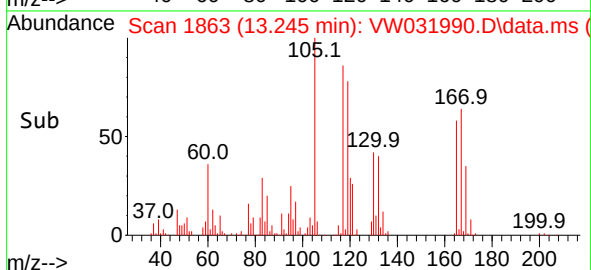
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

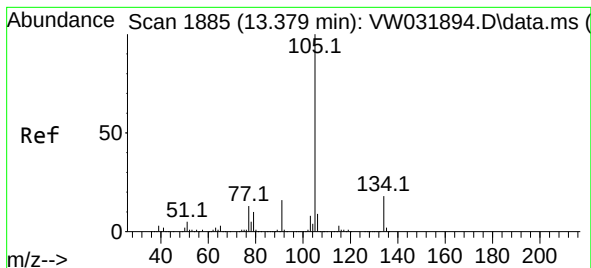


#84
1,2,4-Trimethylbenzene
Concen: 18.314 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



Tgt Ion:105 Resp: 242003
Ion Ratio Lower Upper
105 100
120 43.6 21.3 63.9





#85

sec-Butylbenzene

Concen: 17.678 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

Tgt Ion:105 Resp: 29523

Ion Ratio Lower Upper

105 100

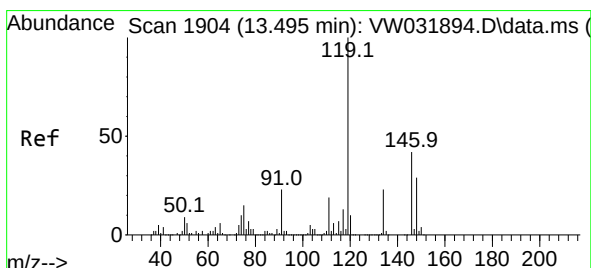
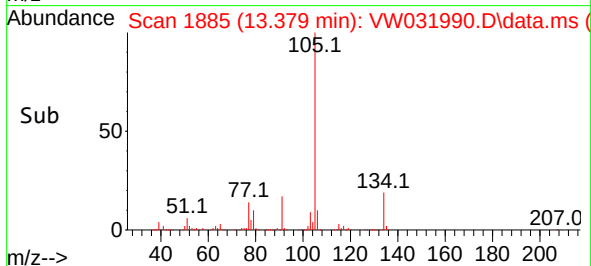
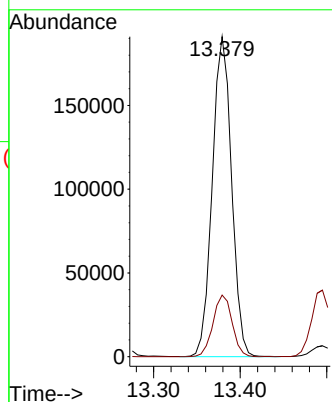
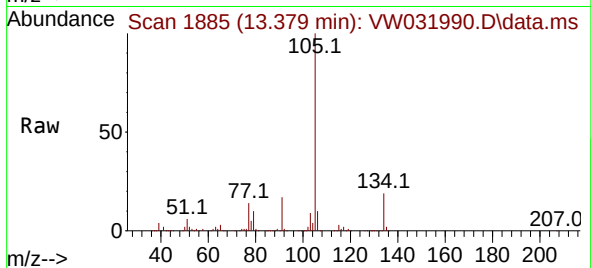
134 19.1 9.2 27.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025

Supervised By :Semsettin Yesilyurt 08/05/2025



#86

p-Isopropyltoluene

Concen: 17.278 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

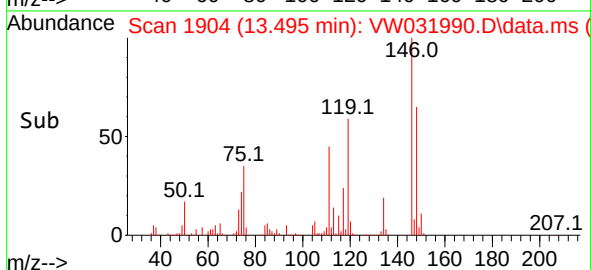
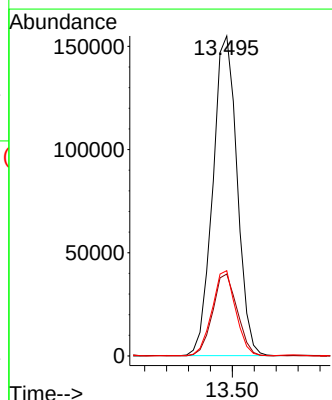
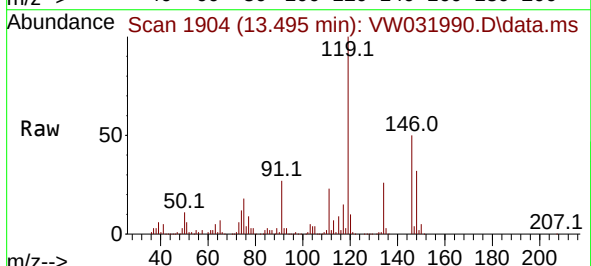
Tgt Ion:119 Resp: 238511

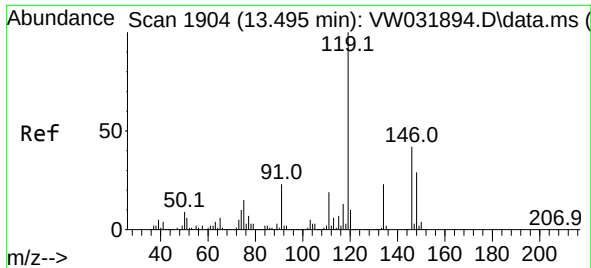
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 25.9 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 18.242 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBS01

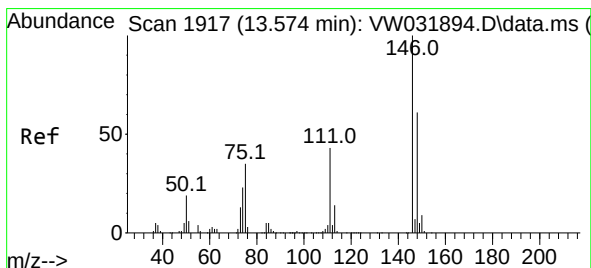
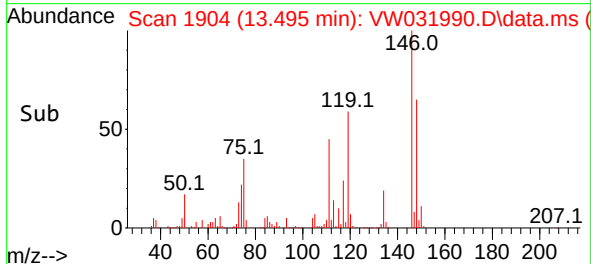
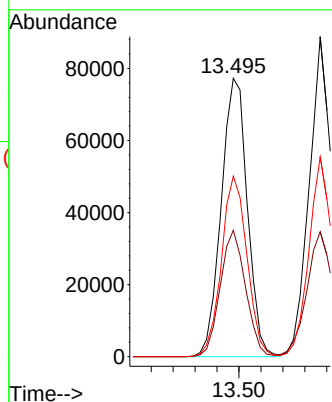
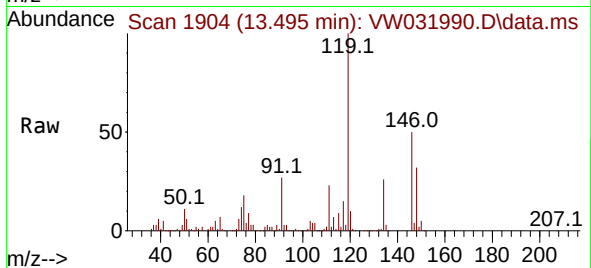
Tgt Ion:146 Resp: 127900

Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.7
148	63.4	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#88

1,4-Dichlorobenzene

Concen: 19.096 ug/l

RT: 13.574 min Scan# 1917

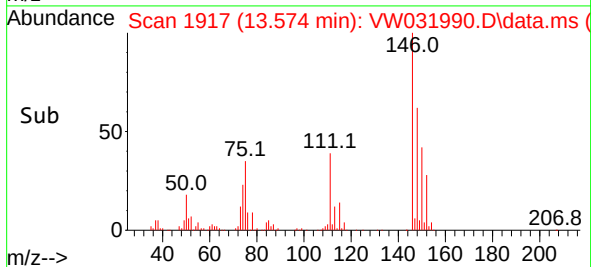
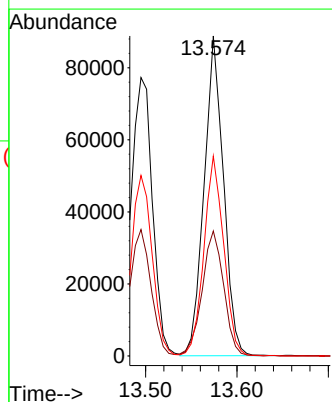
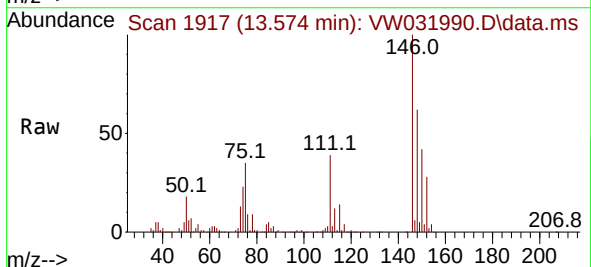
Delta R.T. 0.000 min

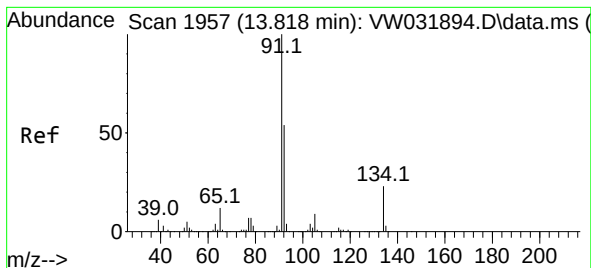
Lab File: VW031990.D

Acq: 04 Aug 2025 10:42

Tgt Ion:146 Resp: 131157

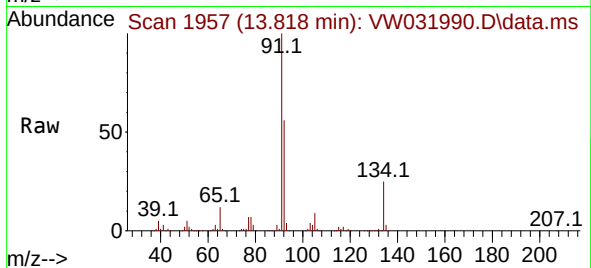
Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.1	66.3
148	64.1	31.8	95.3





#89
n-Butylbenzene
Concen: 17.481 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

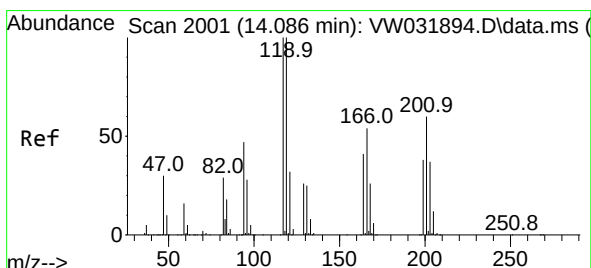
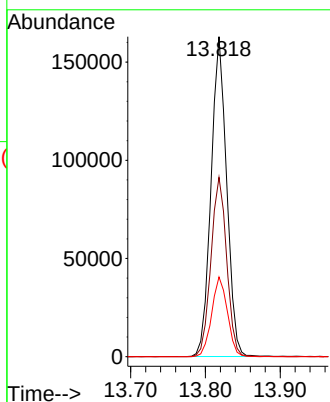
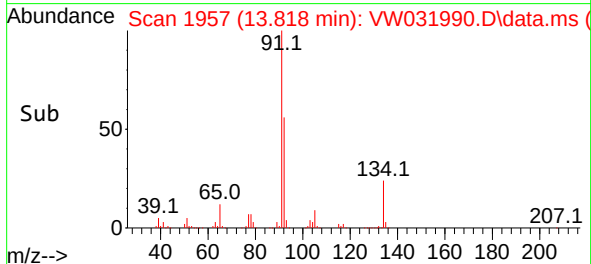
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



Tgt Ion: 91 Resp: 236719
Ion Ratio Lower Upper
91 100
92 56.6 27.2 81.5
134 25.1 11.6 34.7

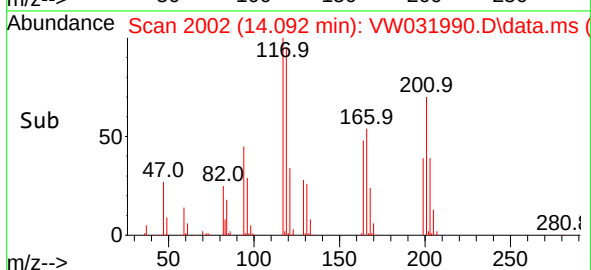
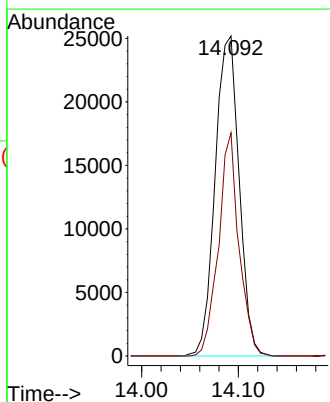
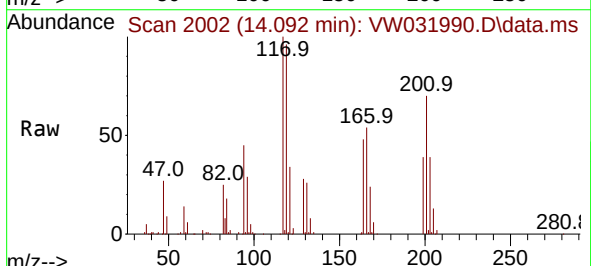
Manual Integrations
APPROVED

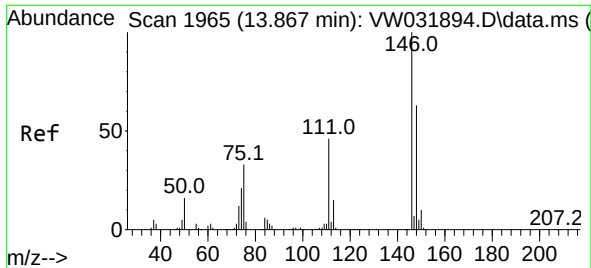
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#90
Hexachloroethane
Concen: 18.188 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Tgt Ion:117 Resp: 43415
Ion Ratio Lower Upper
117 100
201 59.4 28.4 85.2





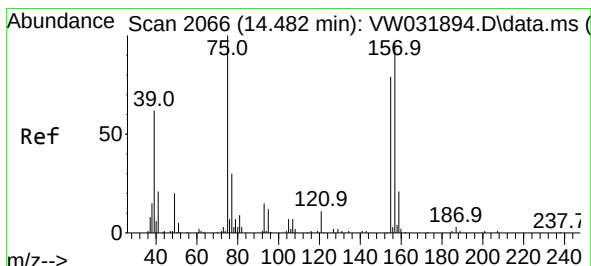
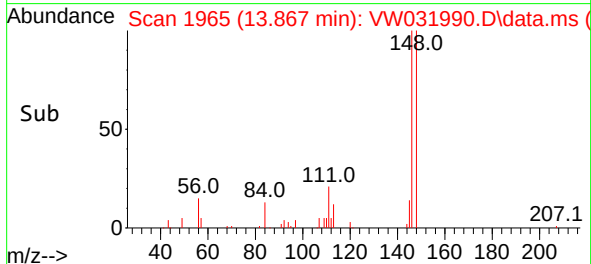
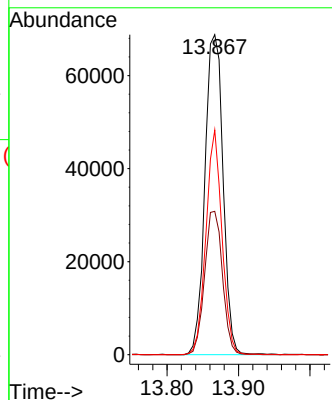
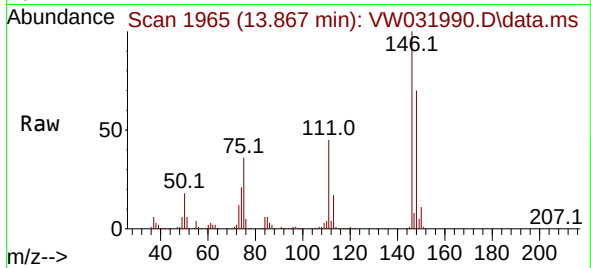
#91
1,2-Dichlorobenzene
Concen: 19.455 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01

Tgt Ion:146 Resp: 12088
Ion Ratio Lower Upper
146 100
111 44.3 23.6 71.0
148 62.2 32.4 97.2

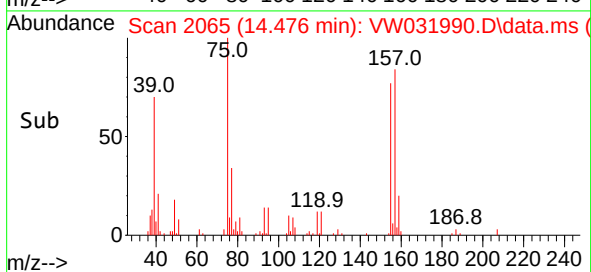
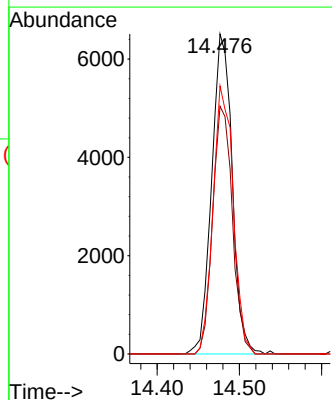
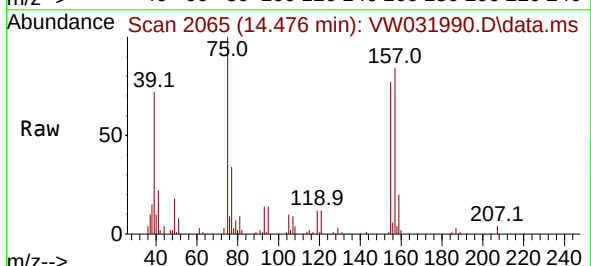
Manual Integrations
APPROVED

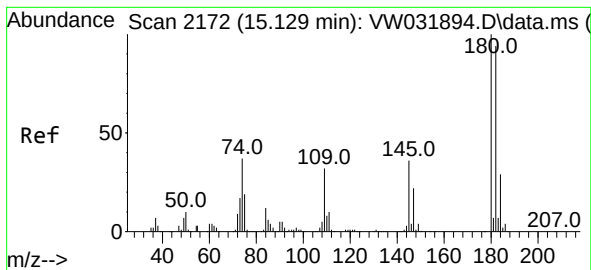
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.907 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

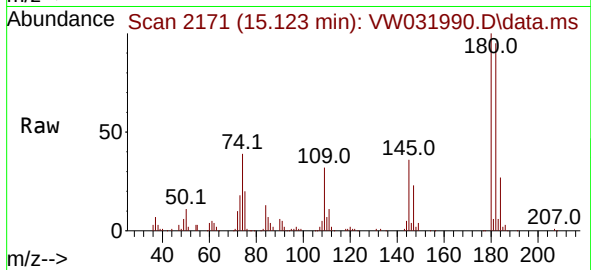
Tgt Ion: 75 Resp: 11287
Ion Ratio Lower Upper
75 100
155 74.2 35.9 107.7
157 82.3 47.4 142.2





#93
1,2,4-Trichlorobenzene
Concen: 18.774 ug/l
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

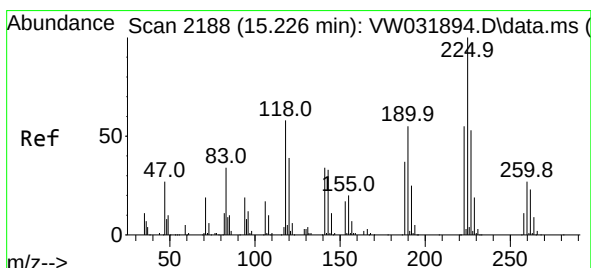
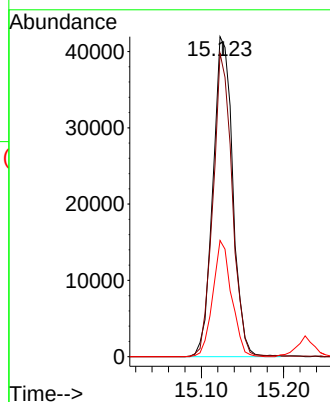
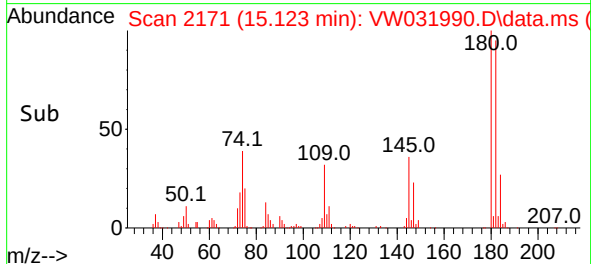
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBS01



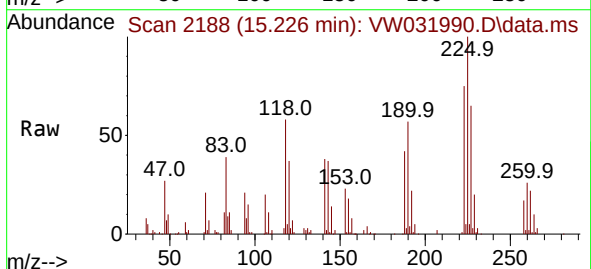
Tgt Ion:180 Resp: 70350
Ion Ratio Lower Upper
180 100
182 91.5 51.0 153.1
145 34.4 18.4 55.4

Manual Integrations
APPROVED

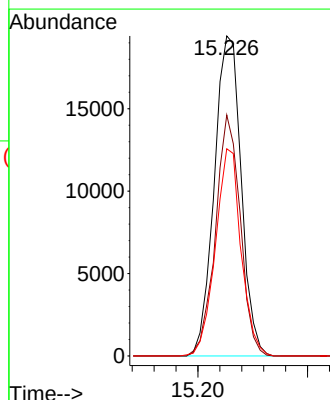
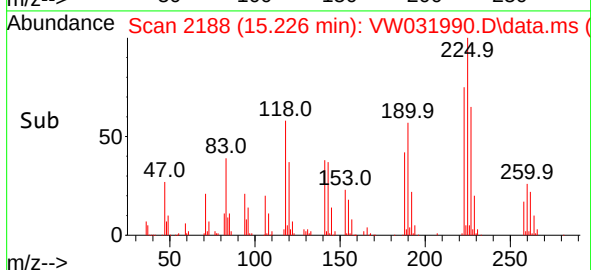
Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025

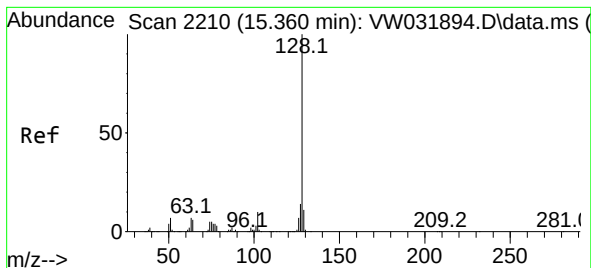


#94
Hexachlorobutadiene
Concen: 18.607 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



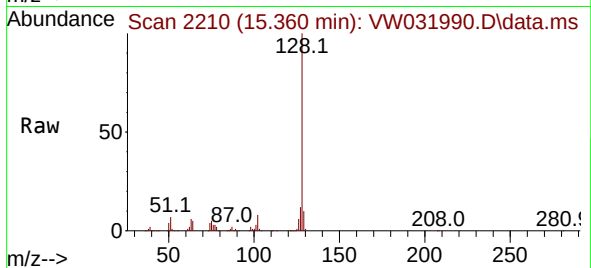
Tgt Ion:225 Resp: 33040
Ion Ratio Lower Upper
225 100
223 69.3 30.9 92.7
227 61.9 30.0 90.1





#95
Naphthalene
Concen: 18.774 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42

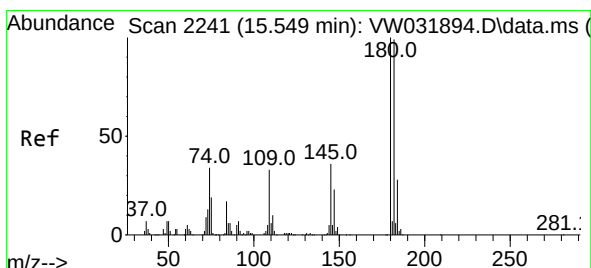
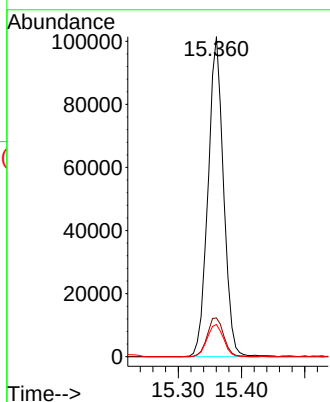
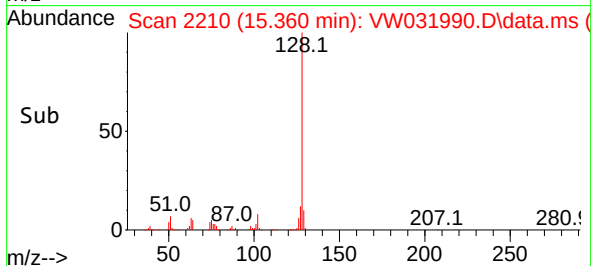
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBSD01



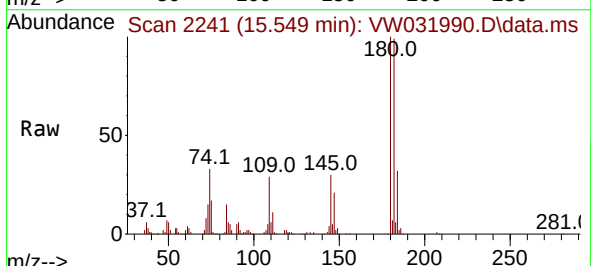
Tgt Ion:128 Resp: 17295
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.6 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
Supervised By :Semsettin Yesilyurt 08/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.469 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031990.D
Acq: 04 Aug 2025 10:42



Tgt Ion:180 Resp: 66101
Ion Ratio Lower Upper
180 100
182 94.7 50.4 151.2
145 35.5 18.6 55.8

