

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032380.D
 Acq On : 20 Oct 2025 11:41
 Operator : SY/MD
 Sample : VW1020SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 21 01:23:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	280998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	517149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	480746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	240746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	213734	52.149	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.300%			
35) Dibromofluoromethane	7.898	113	178453	53.284	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 106.560%			
50) Toluene-d8	10.325	98	655431	53.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.617	95	241390	51.667	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	35044	19.874	ug/l	99
3) Chloromethane	2.253	50	54581	20.061	ug/l	99
4) Vinyl Chloride	2.405	62	71685	22.069	ug/l	99
5) Bromomethane	2.820	94	50437	21.129	ug/l	99
6) Chloroethane	2.966	64	45866	21.387	ug/l	95
7) Trichlorofluoromethane	3.302	101	47291	19.445	ug/l	96
8) Diethyl Ether	3.716	74	42688	20.256	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.106	101	60961	20.898	ug/l	95
10) Methyl Iodide	4.301	142	90782	21.811	ug/l	98
11) Tert butyl alcohol	5.216	59	25591	82.490	ug/l	98
12) 1,1-Dichloroethene	4.076	96	68828	21.733	ug/l	90
13) Acrolein	3.929	56	32482	64.514	ug/l	100
14) Allyl chloride	4.698	41	108462	20.277	ug/l	91
15) Acrylonitrile	5.405	53	100696	91.844	ug/l	99
16) Acetone	4.161	43	110171	97.079	ug/l	99
17) Carbon Disulfide	4.417	76	182726	21.147	ug/l	97
18) Methyl Acetate	4.710	43	57010	17.537	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	118617	19.017	ug/l	97
20) Methylene Chloride	4.948	84	83888	19.017	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	73585	20.987	ug/l	97
22) Diisopropyl ether	6.338	45	227221	20.425	ug/l	94
23) Vinyl Acetate	6.283	43	713649	96.045	ug/l	100
24) 1,1-Dichloroethane	6.240	63	140635	20.809	ug/l	97
25) 2-Butanone	7.191	43	135380	87.590	ug/l	100
26) 2,2-Dichloropropane	7.185	77	76369	22.091	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	85339	20.260	ug/l	93
28) Bromochloromethane	7.526	49	66032	20.766	ug/l	88
29) Tetrahydrofuran	7.551	42	84977	87.426	ug/l	94
30) Chloroform	7.691	83	147499	21.519	ug/l	98
31) Cyclohexane	7.965	56	110671	19.181	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	104287	21.471	ug/l	100
36) 1,1-Dichloropropene	8.093	75	97235	20.572	ug/l	98
37) Ethyl Acetate	7.270	43	57160	18.169	ug/l	99
38) Carbon Tetrachloride	8.081	117	97878	22.006	ug/l	98
39) Methylcyclohexane	9.343	83	110291	19.345	ug/l	98
40) Benzene	8.337	78	309652	20.901	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	32519	19.180	ug/l	91
42) 1,2-Dichloroethane	8.410	62	99820	20.591	ug/l	100
43) Isopropyl Acetate	8.435	43	101969	18.271	ug/l	97
44) Trichloroethene	9.099	130	70587	20.348	ug/l	91
45) 1,2-Dichloropropane	9.374	63	77735	21.021	ug/l	97
46) Dibromomethane	9.465	93	47706	20.980	ug/l	93
47) Bromodichloromethane	9.648	83	114292	21.975	ug/l	94
48) Methyl methacrylate	9.441	41	47476	17.496	ug/l	93
49) 1,4-Dioxane	9.459	88	11448	368.334	ug/l #	85
51) 4-Methyl-2-Pentanone	10.215	43	298346	92.294	ug/l	98
52) Toluene	10.392	92	191814	20.790	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	102094	20.233	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	120341	20.705	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	62846	20.679	ug/l	97
56) Ethyl methacrylate	10.648	69	78320	18.412	ug/l	95
57) 1,3-Dichloropropane	10.934	76	109231	20.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	202349	89.381	ug/l	95
59) 2-Hexanone	10.971	43	211671	92.843	ug/l	97
60) Dibromochloromethane	11.129	129	74905	21.706	ug/l	99
61) 1,2-Dibromoethane	11.239	107	60047	20.263	ug/l	97
64) Tetrachloroethene	10.861	164	57861	20.114	ug/l	88
65) Chlorobenzene	11.660	112	213685	20.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	72938	22.139	ug/l	97
67) Ethyl Benzene	11.727	91	361301	20.492	ug/l	94
68) m/p-Xylenes	11.837	106	279914	41.170	ug/l	100
69) o-Xylene	12.166	106	125704	19.771	ug/l	97
70) Styrene	12.178	104	233906	21.071	ug/l	97
71) Bromoform	12.349	173	40631	21.516	ug/l #	98
73) Isopropylbenzene	12.458	105	326100	19.799	ug/l	100
74) N-amyl acetate	12.269	43	92502	17.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	77328	18.908	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	67320m	21.249	ug/l	
77) Bromobenzene	12.745	156	80266	20.216	ug/l	93
78) n-propylbenzene	12.800	91	415401	20.190	ug/l	97
79) 2-Chlorotoluene	12.891	91	252737	20.091	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	280554	19.699	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	24052	19.233	ug/l	92
82) 4-Chlorotoluene	12.989	91	270686	20.239	ug/l	99
83) tert-Butylbenzene	13.202	119	226702	19.400	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	290311	20.046	ug/l	100
85) sec-Butylbenzene	13.379	105	350178	19.609	ug/l	100
86) p-Isopropyltoluene	13.495	119	293214	19.788	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	163992	20.398	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	162933	20.268	ug/l	98
89) n-Butylbenzene	13.818	91	285250	19.717	ug/l	97
90) Hexachloroethane	14.086	117	58655	22.085	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	145087	19.964	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13154	18.371	ug/l	87
93) 1,2,4-Trichlorobenzene	15.129	180	83664	19.198	ug/l	96
94) Hexachlorobutadiene	15.226	225	40248	20.200	ug/l	89
95) Naphthalene	15.360	128	178782	17.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	78242	19.048	ug/l	98

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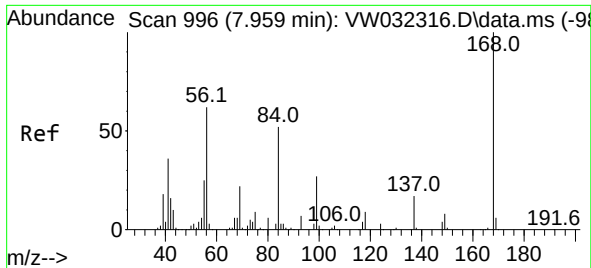
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 10/21/2025

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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

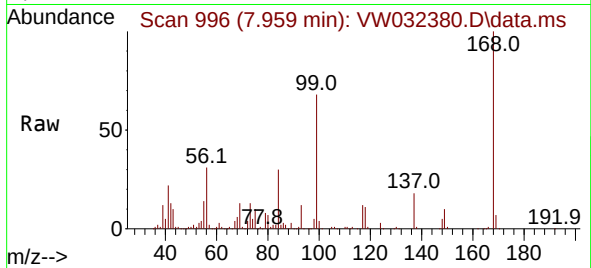
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
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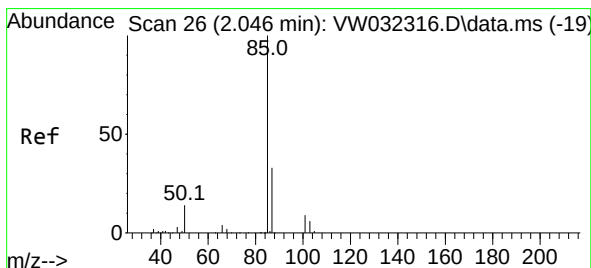
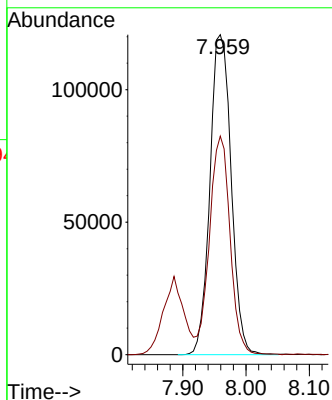
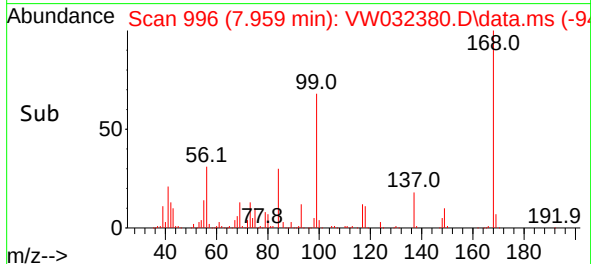
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion:168 Resp: 280998
Ion Ratio Lower Upper
168 100
99 68.2 49.3 73.9

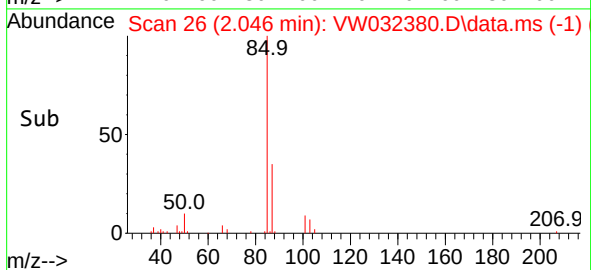
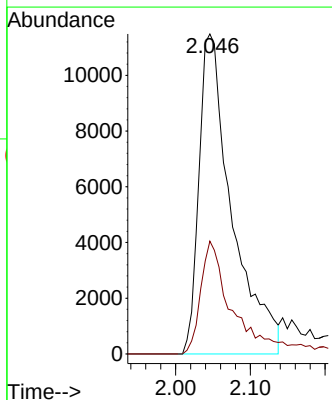
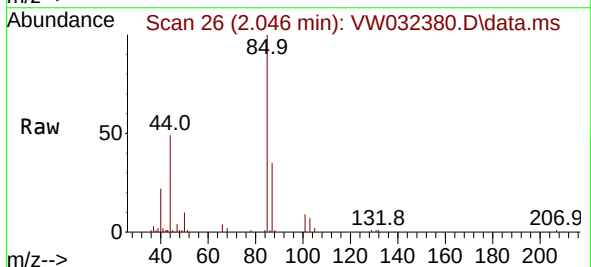
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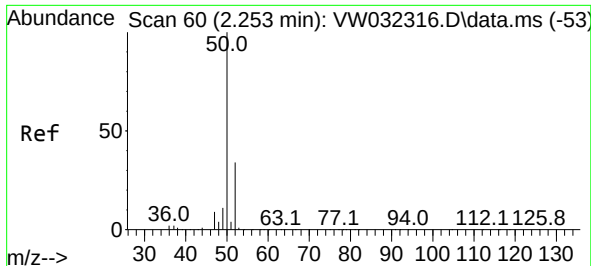
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 19.874 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

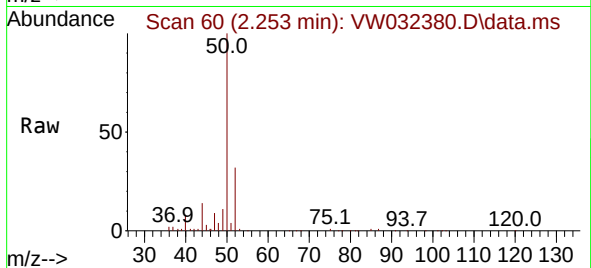
Tgt Ion: 85 Resp: 35044
Ion Ratio Lower Upper
85 100
87 35.3 17.2 51.6





#3
Chloromethane
Concen: 20.061 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

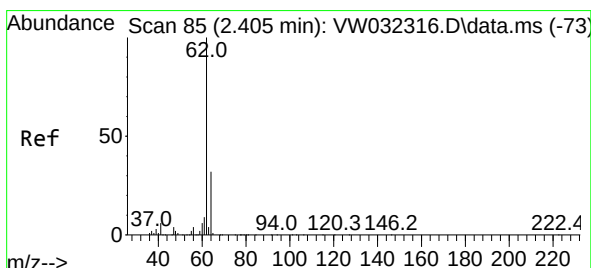
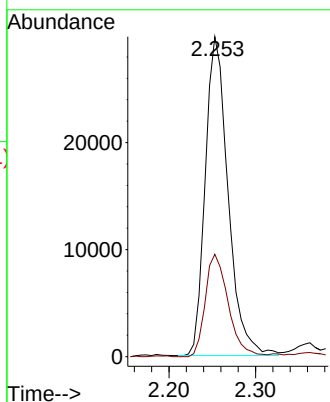
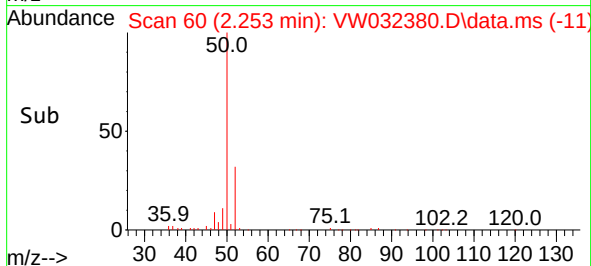
Instrument :
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ClientSampleId :
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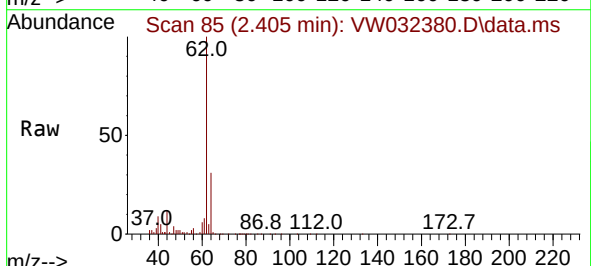
Tgt Ion: 50 Resp: 5458
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1

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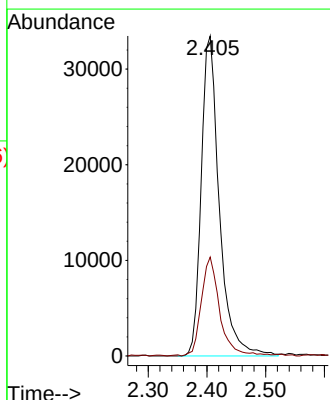
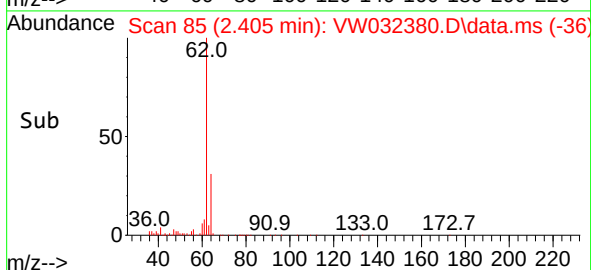
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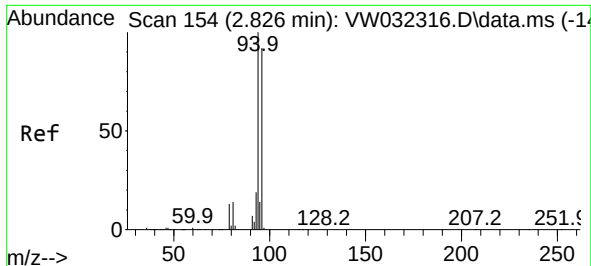


#4
Vinyl Chloride
Concen: 22.069 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



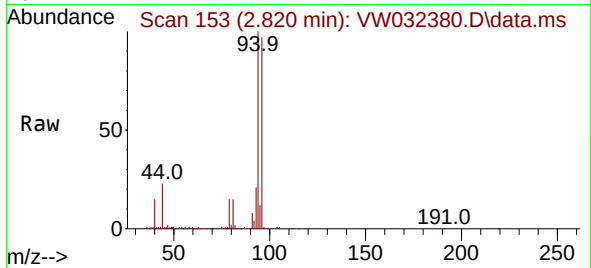
Tgt Ion: 62 Resp: 71685
Ion Ratio Lower Upper
62 100
64 30.6 24.8 37.2





#5
Bromomethane
Concen: 21.129 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

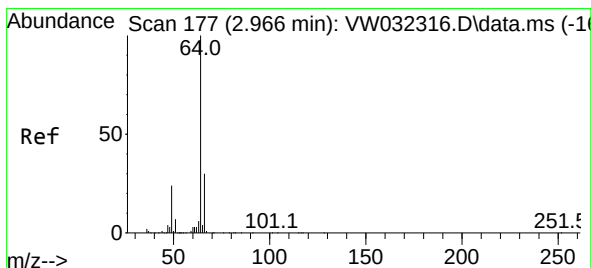
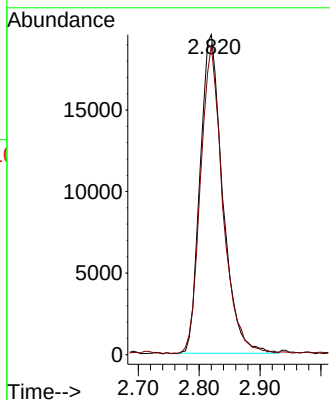
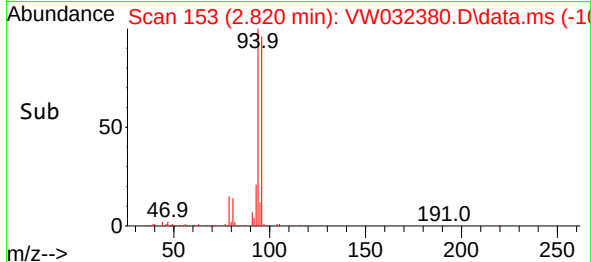
Instrument :
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Tgt Ion: 94 Resp: 5043
Ion Ratio Lower Upper
94 100
96 96.7 76.6 115.0

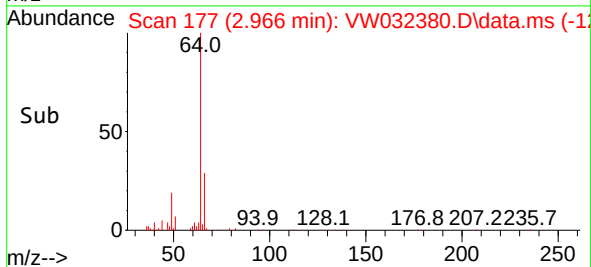
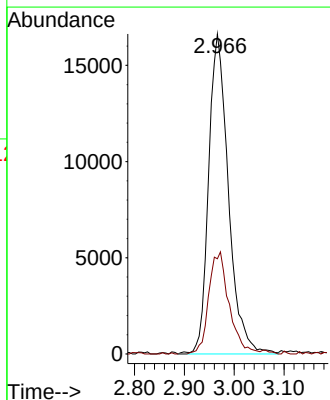
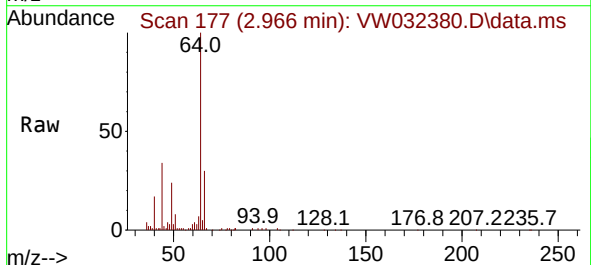
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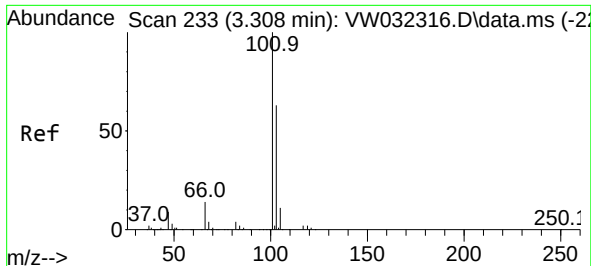
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 21.387 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032380.D
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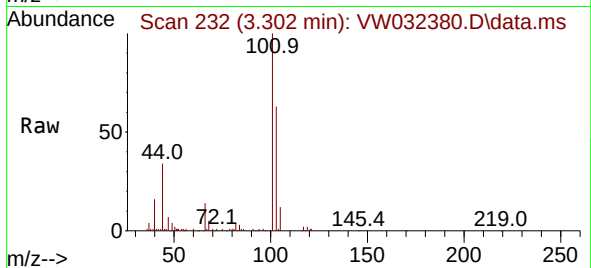
Tgt Ion: 64 Resp: 45866
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.445 ug/l
RT: 3.302 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

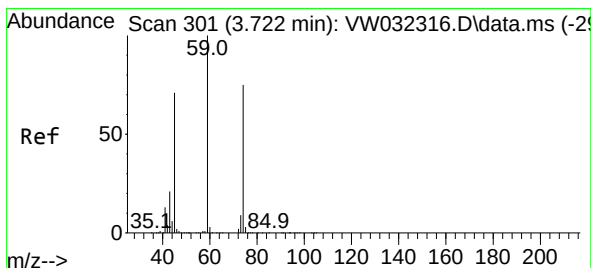
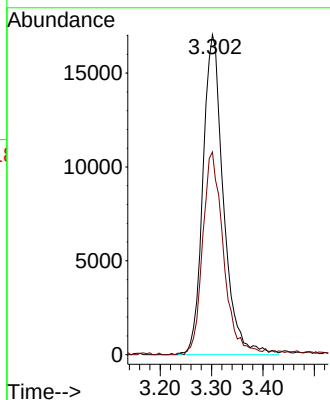
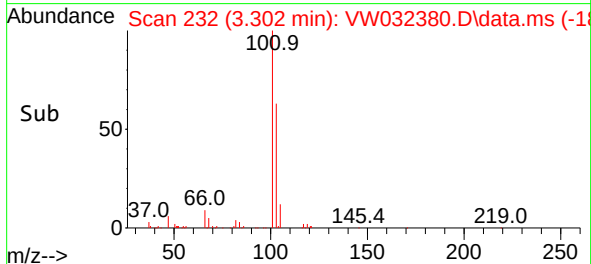
Instrument :
MSVOA_W
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VW1020SBS01



Tgt Ion:101 Resp: 4729
Ion Ratio Lower Upper
101 100
103 62.9 47.8 71.8

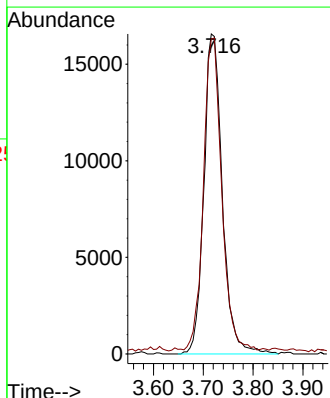
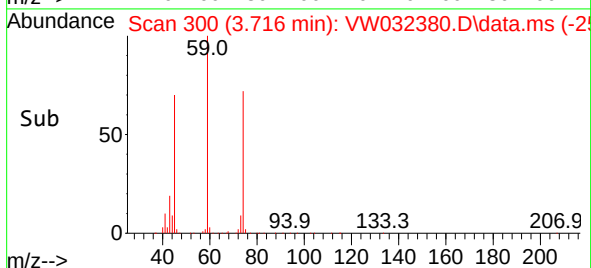
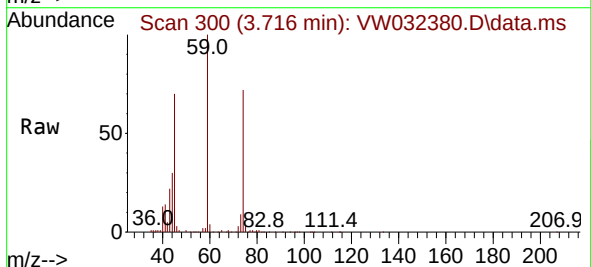
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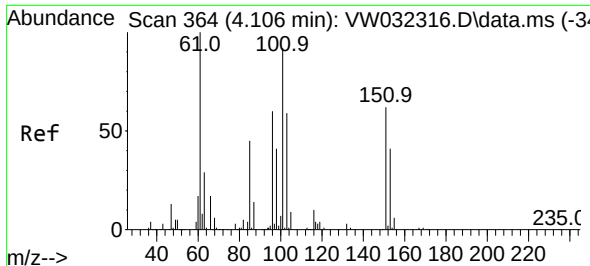
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 20.256 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 42688
Ion Ratio Lower Upper
74 100
45 95.7 43.1 129.4





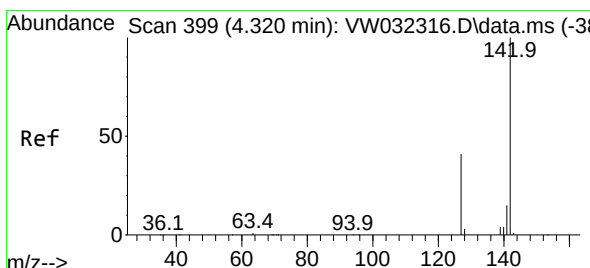
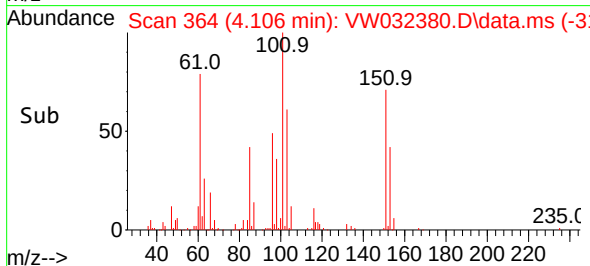
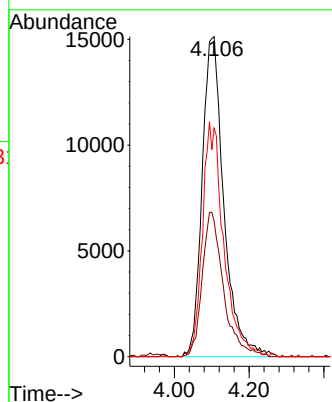
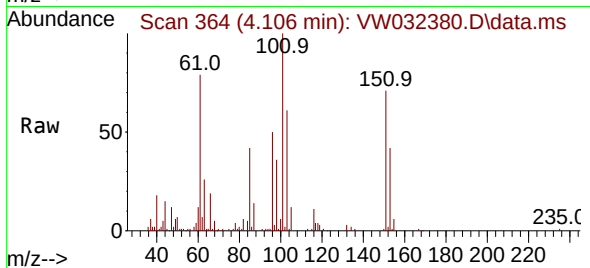
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.898 ug/l
RT: 4.106 min Scan# 309
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion:101 Resp: 6096
Ion Ratio Lower Upper
101 100
85 44.4 37.1 55.7
151 71.9 61.5 92.3

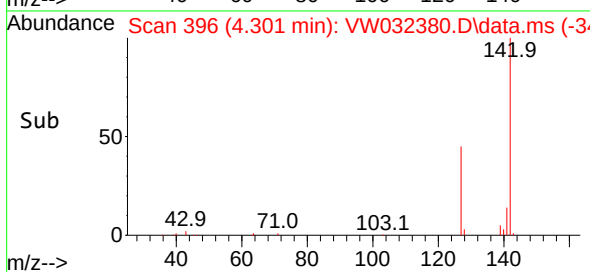
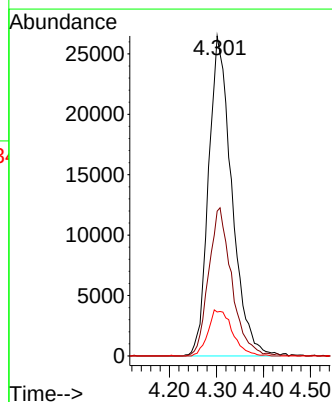
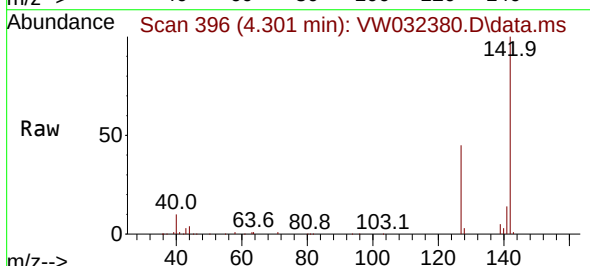
Manual Integrations
APPROVED

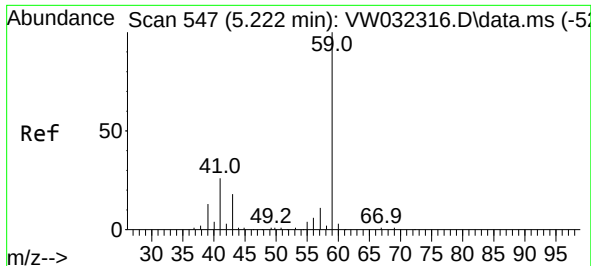
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 21.811 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Tgt Ion:142 Resp: 90782
Ion Ratio Lower Upper
142 100
127 46.3 38.2 57.2
141 15.1 12.2 18.2





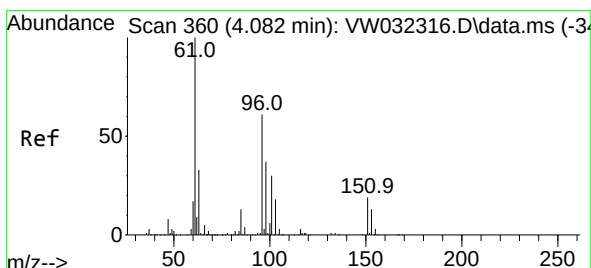
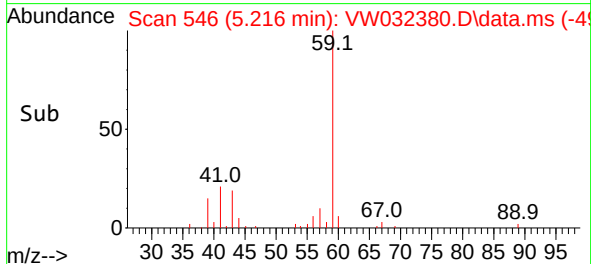
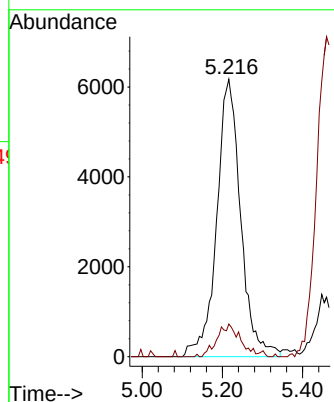
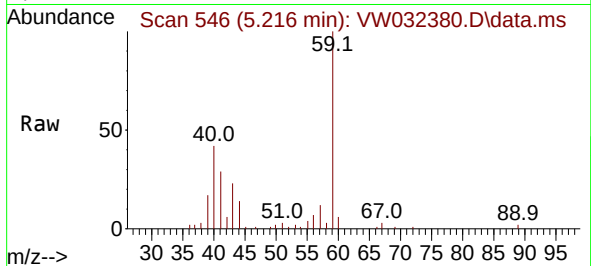
#11
Tert butyl alcohol
Concen: 82.490 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 59 Resp: 2559
Ion Ratio Lower Upper
59 100
57 11.3 9.8 14.6

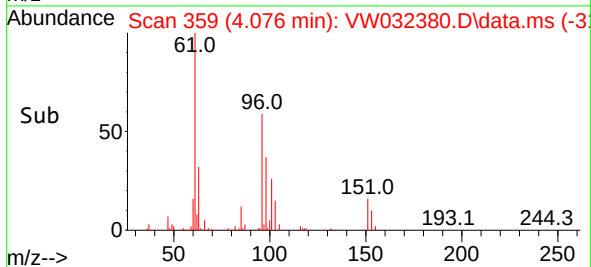
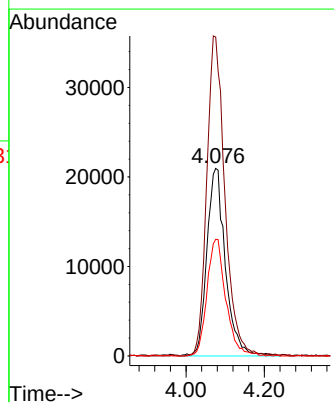
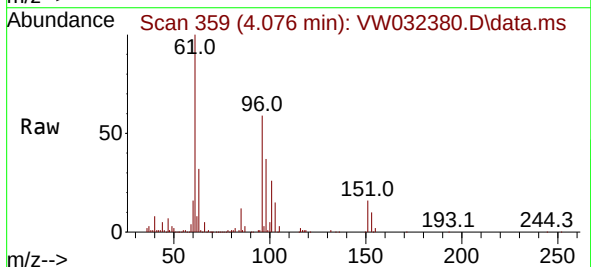
Manual Integrations
APPROVED

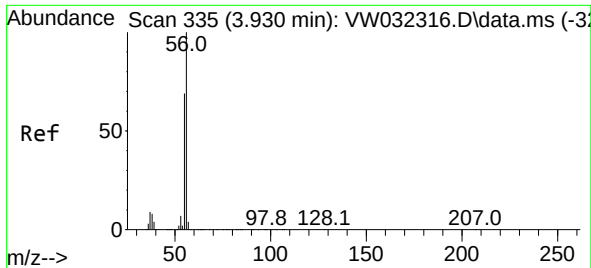
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#12
1,1-Dichloroethene
Concen: 21.733 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

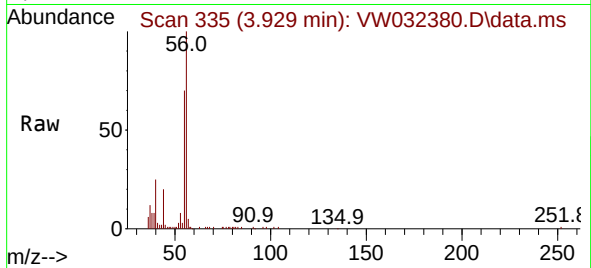
Tgt Ion: 96 Resp: 68828
Ion Ratio Lower Upper
96 100
61 170.0 123.0 184.4
98 62.2 48.5 72.7





#13
Acrolein
Concen: 64.514 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

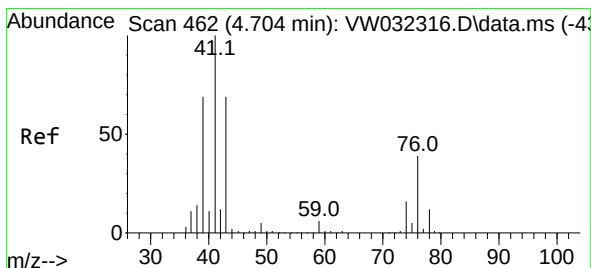
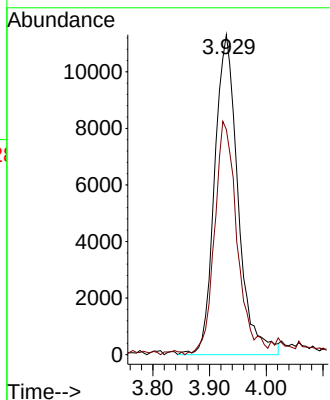
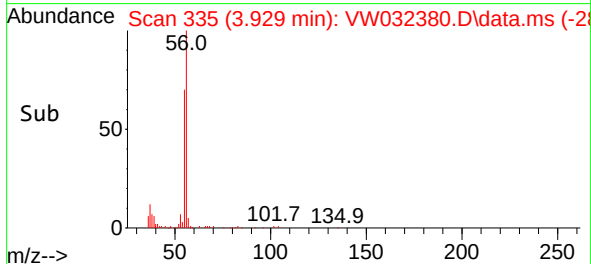
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 56 Resp: 3248
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6

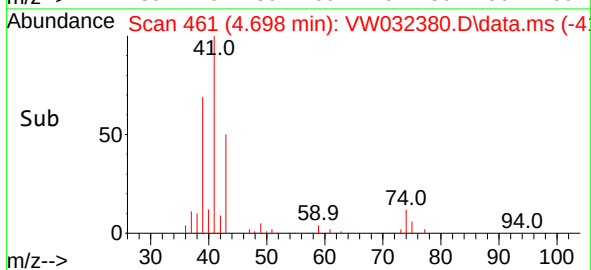
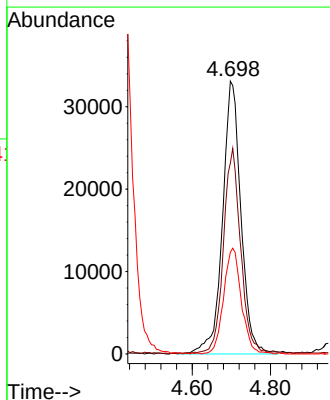
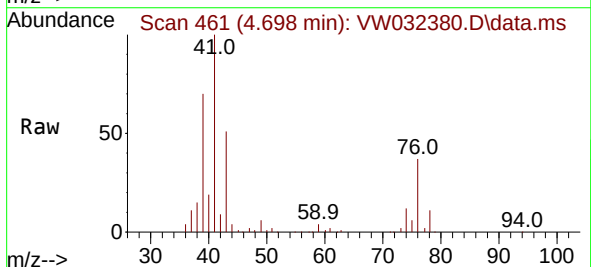
Manual Integrations
APPROVED

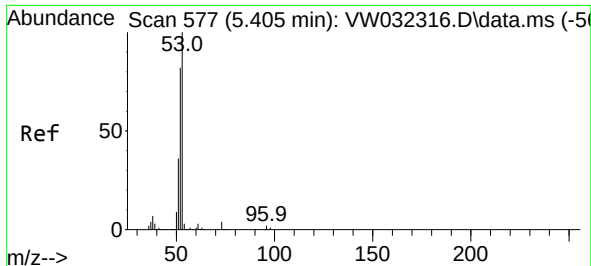
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Allyl chloride
Concen: 20.277 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

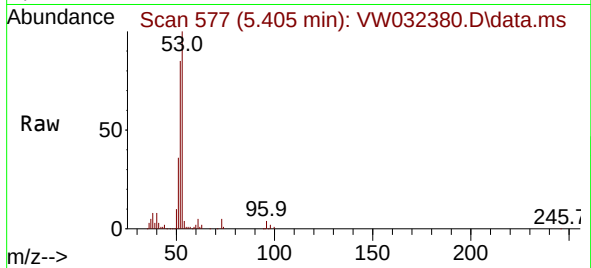
Tgt Ion: 41 Resp: 108462
Ion Ratio Lower Upper
41 100
39 69.5 64.1 96.1
76 37.3 31.4 47.2





#15
Acrylonitrile
Concen: 91.844 ug/l
RT: 5.405 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

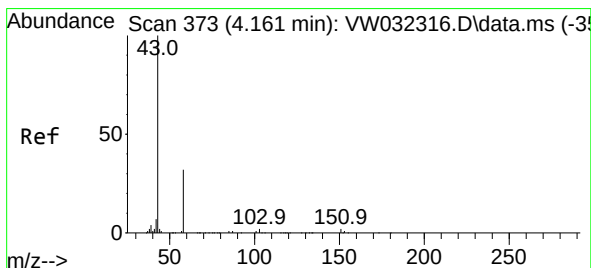
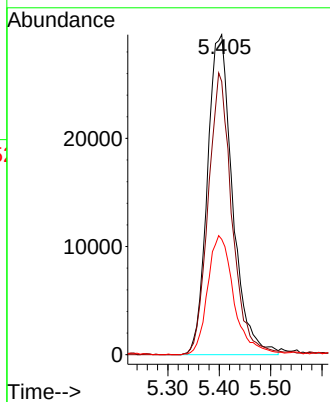
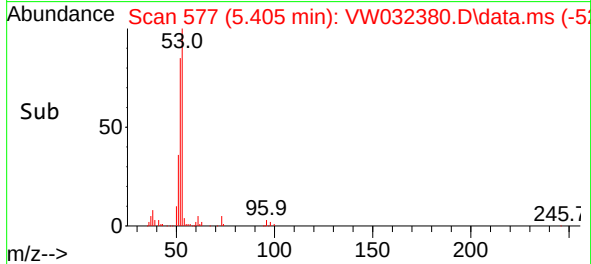
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 53 Resp: 100690
Ion Ratio Lower Upper
53 100
52 83.2 67.4 101.2
51 38.9 30.3 45.5

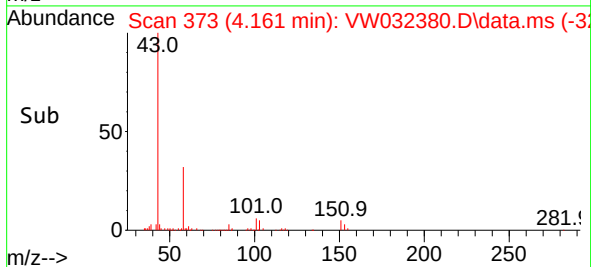
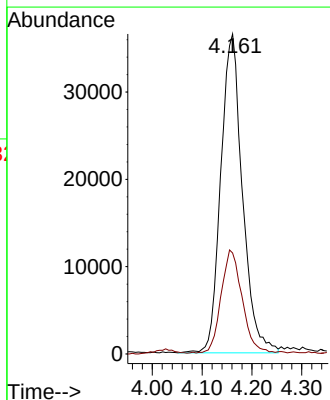
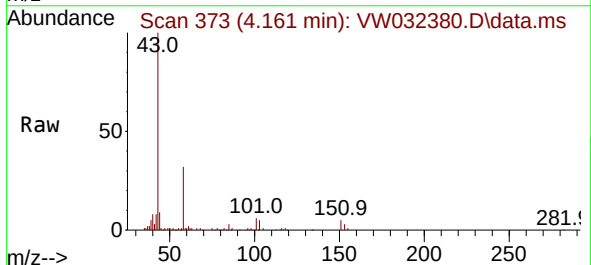
Manual Integrations
APPROVED

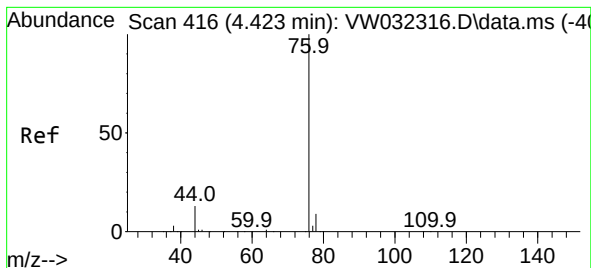
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 97.079 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Tgt Ion: 43 Resp: 110171
Ion Ratio Lower Upper
43 100
58 31.1 25.3 37.9





#17

Carbon Disulfide

Concen: 21.147 ug/l

RT: 4.417 min Scan# 416

Delta R.T. -0.006 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 76 Resp: 182720

Ion Ratio Lower Upper

76 100

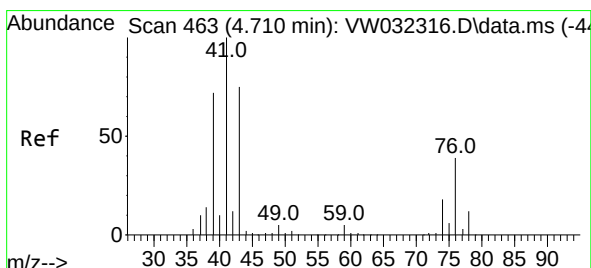
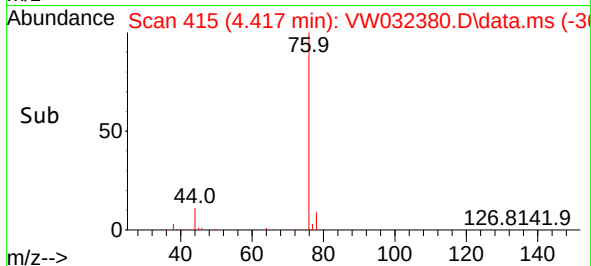
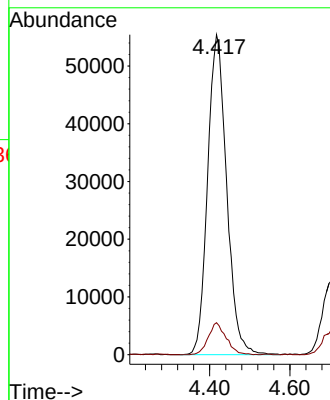
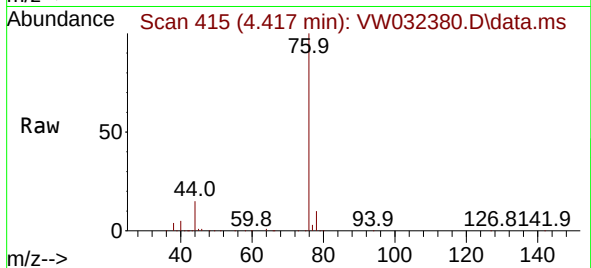
78 10.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#18

Methyl Acetate

Concen: 17.537 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.000 min

Lab File: VW032380.D

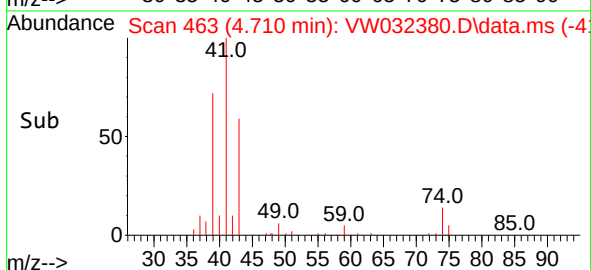
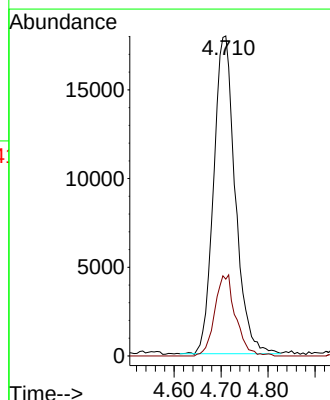
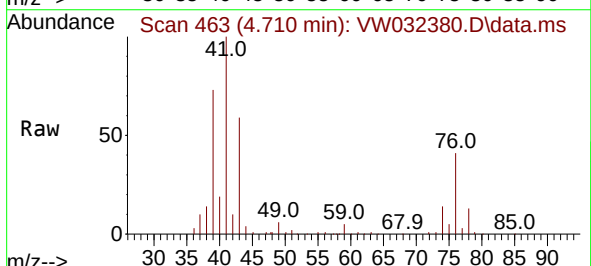
Acq: 20 Oct 2025 11:41

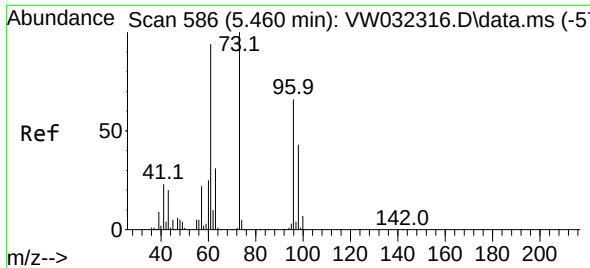
Tgt Ion: 43 Resp: 57010

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.4





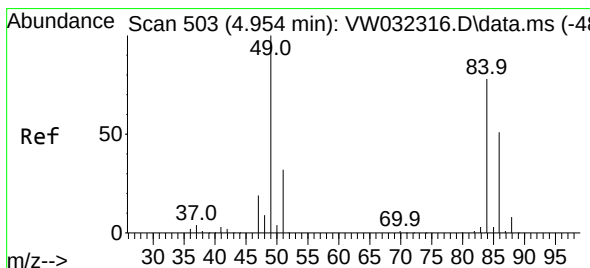
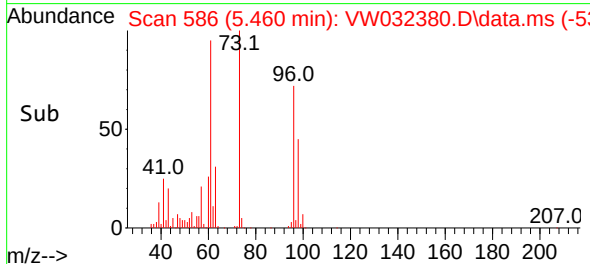
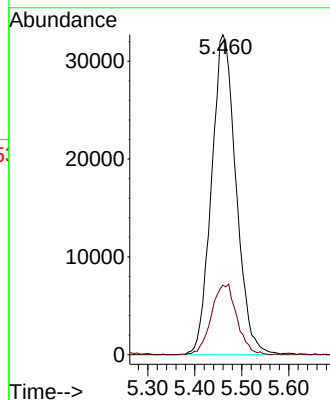
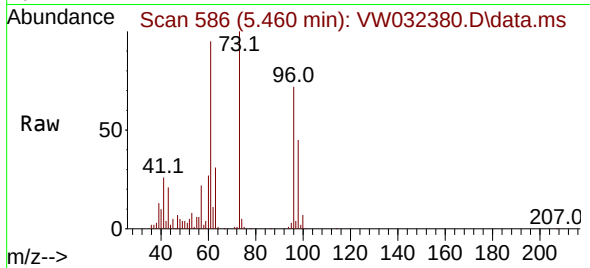
#19
Methyl tert-butyl Ether
Concen: 19.017 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 73 Resp: 11861
Ion Ratio Lower Upper
73 100
57 21.8 16.2 24.4

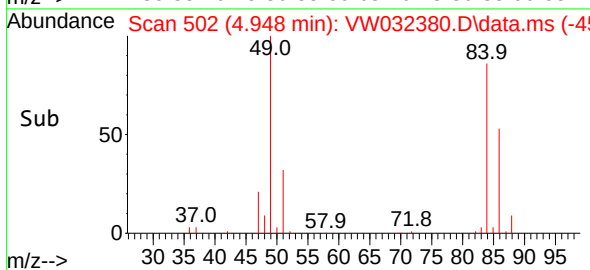
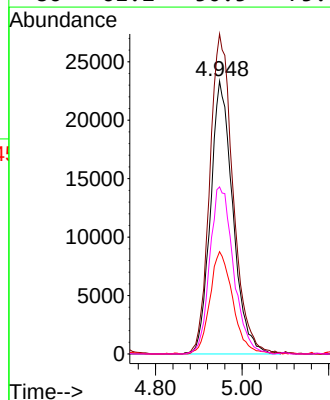
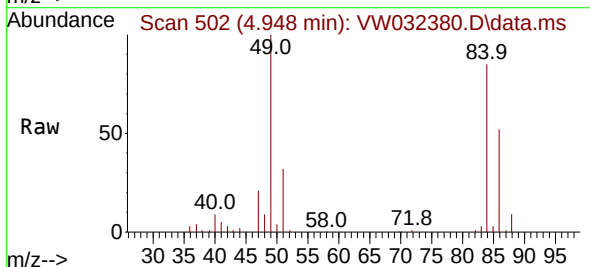
Manual Integrations
APPROVED

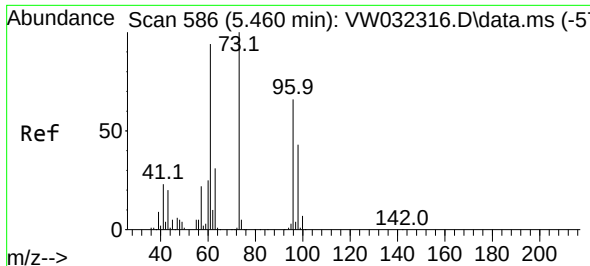
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 19.017 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Tgt Ion: 84 Resp: 83888
Ion Ratio Lower Upper
84 100
49 117.3 92.2 138.4
51 37.5 31.0 46.6
86 61.2 50.5 75.7





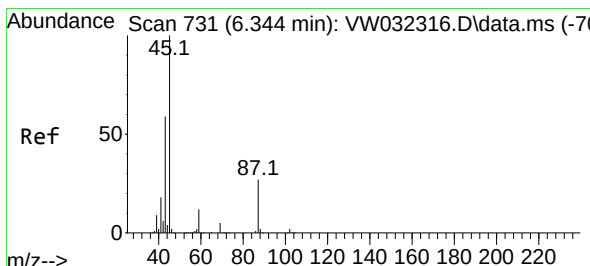
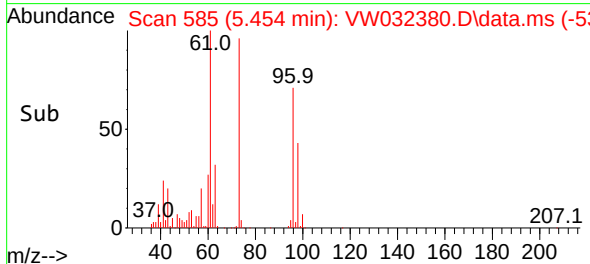
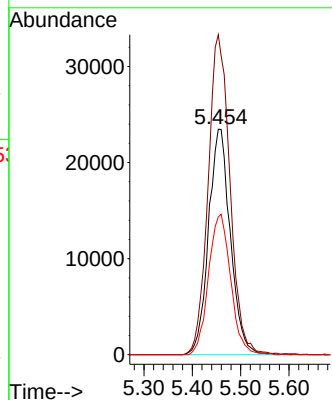
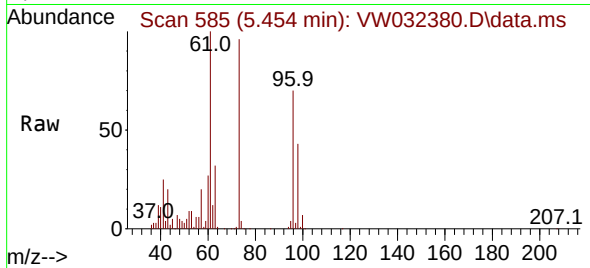
#21
trans-1,2-Dichloroethene
Concen: 20.987 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 96 Resp: 7358
Ion Ratio Lower Upper
96 100
61 142.0 112.5 168.7
98 61.1 54.2 81.4

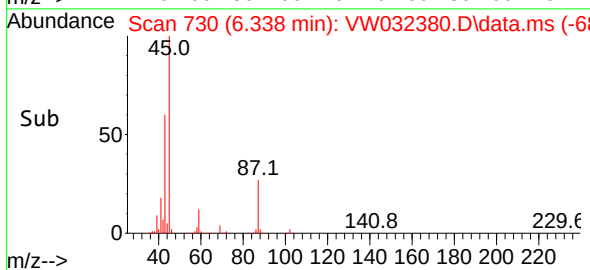
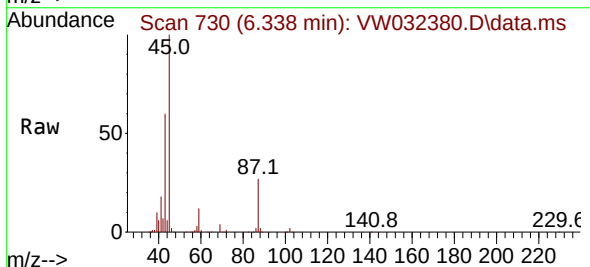
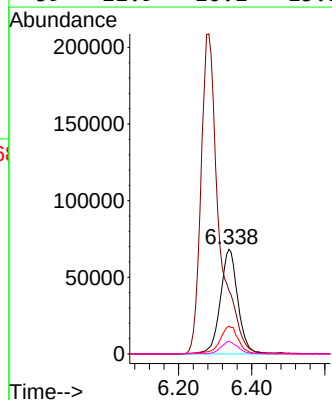
Manual Integrations
APPROVED

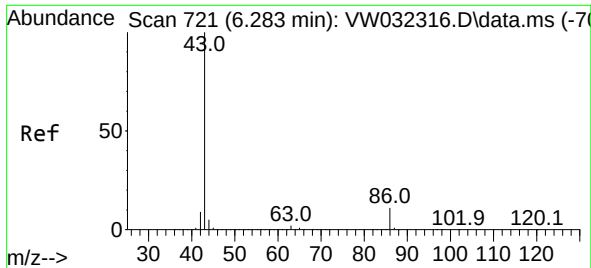
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 20.425 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

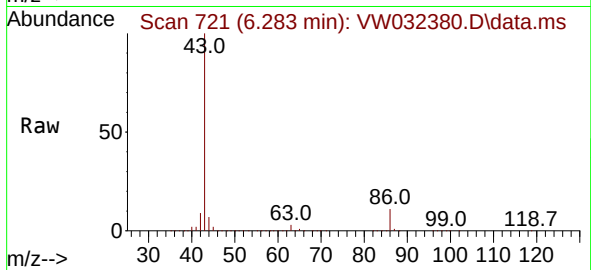
Tgt Ion: 45 Resp: 227221
Ion Ratio Lower Upper
45 100
43 60.4 51.4 77.2
87 26.6 25.9 38.9
59 11.9 10.1 15.1





#23
 Vinyl Acetate
 Concen: 96.045 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: VW032380.D
 Acq: 20 Oct 2025 11:41

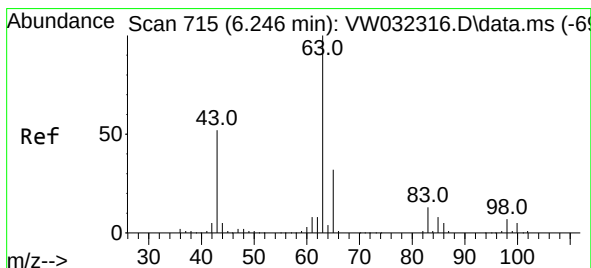
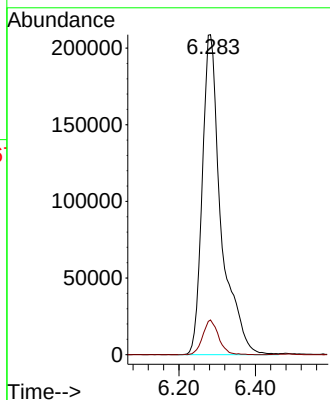
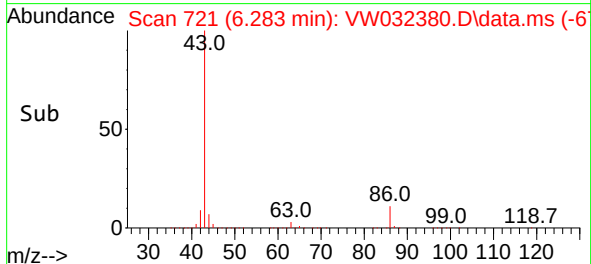
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01



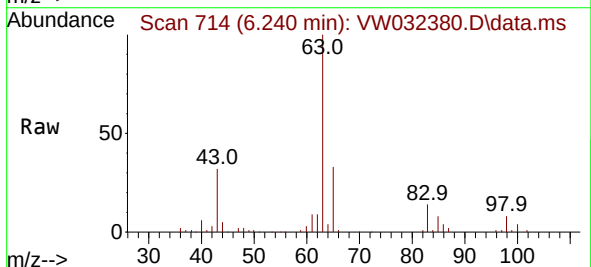
Tgt Ion: 43 Resp: 713649
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2

Manual Integrations
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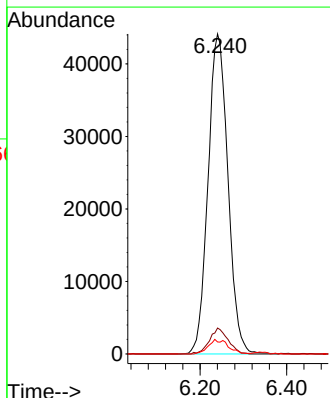
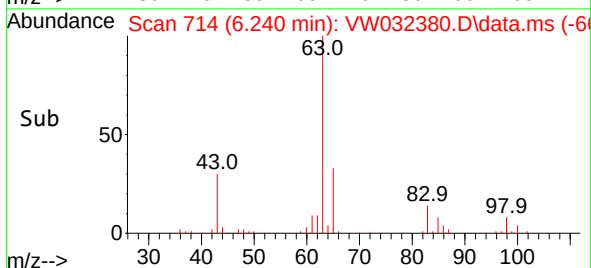
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

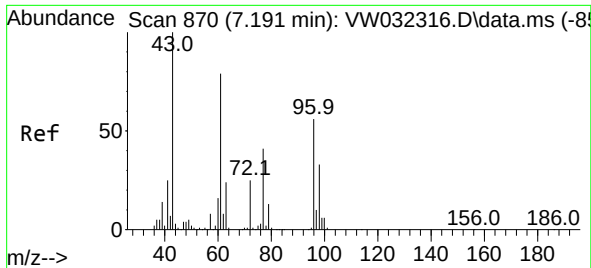


#24
 1,1-Dichloroethane
 Concen: 20.809 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032380.D
 Acq: 20 Oct 2025 11:41



Tgt Ion: 63 Resp: 140635
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.2
 100 3.8 2.5 7.5





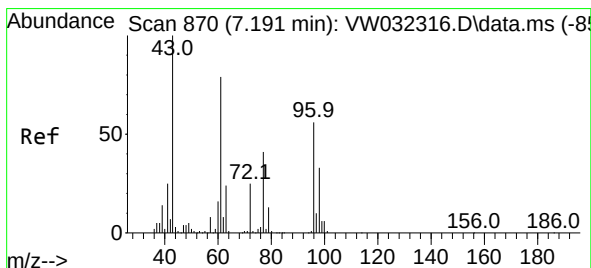
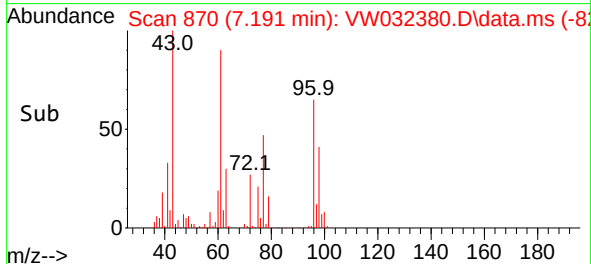
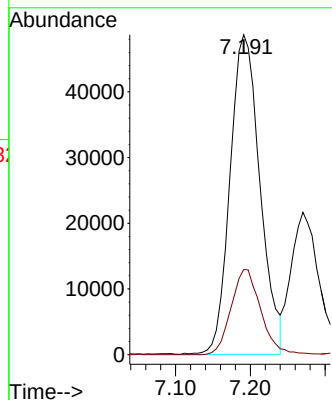
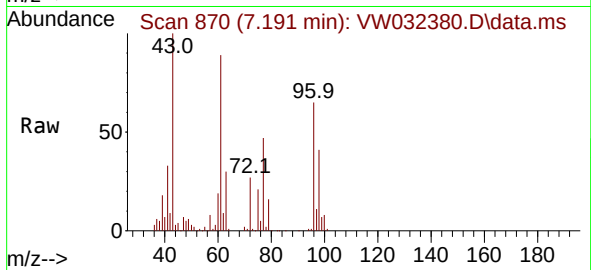
#25
2-Butanone
Concen: 87.590 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 43 Resp: 135380
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.2

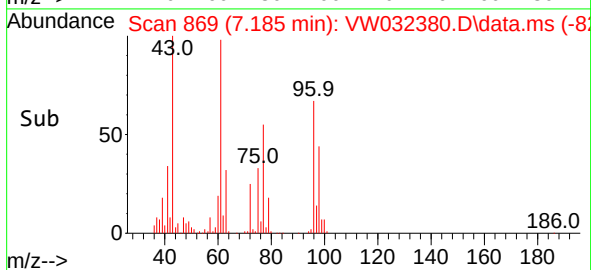
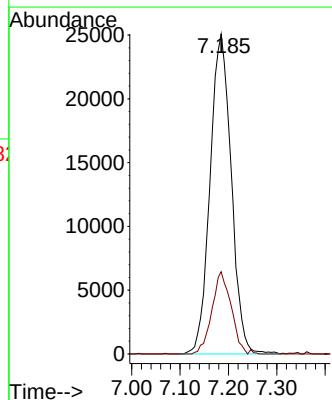
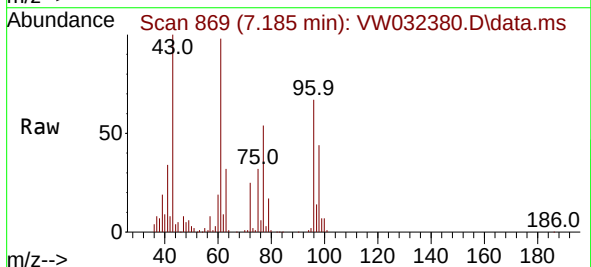
Manual Integrations
APPROVED

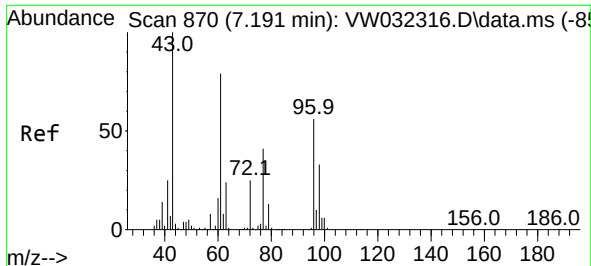
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 22.091 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Tgt Ion: 77 Resp: 76369
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5





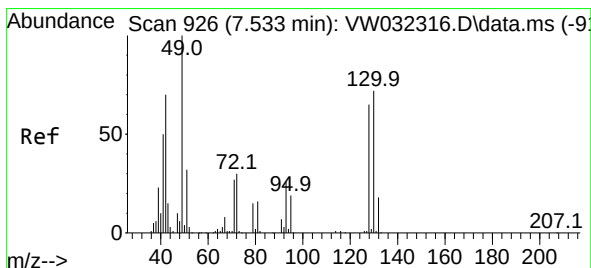
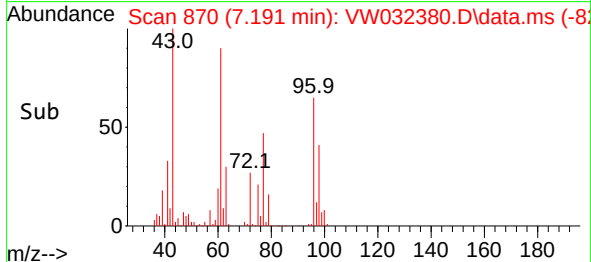
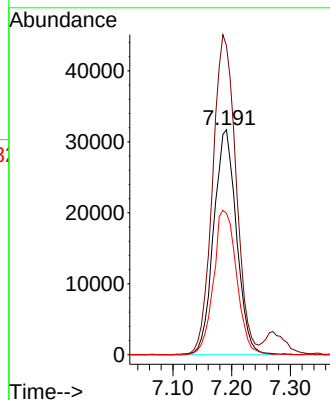
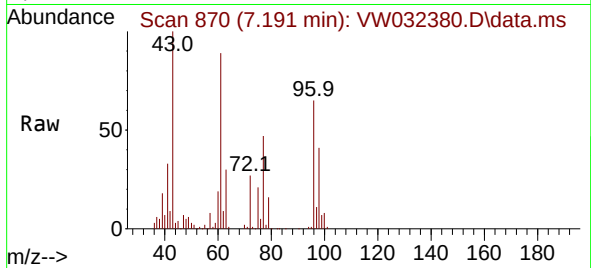
#27
cis-1,2-Dichloroethene
Concen: 20.260 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 96 Resp: 85339
Ion Ratio Lower Upper
96 100
61 146.3 0.0 268.0
98 65.1 0.0 130.8

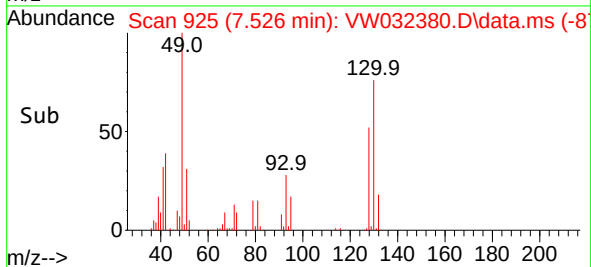
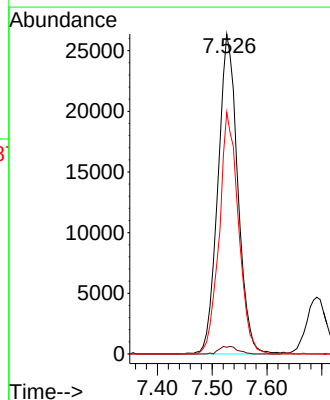
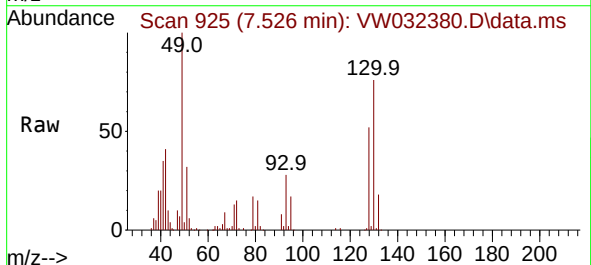
Manual Integrations
APPROVED

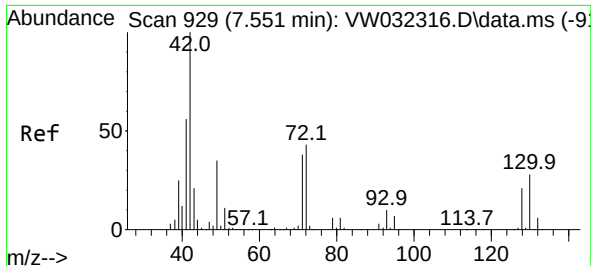
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#28
Bromochloromethane
Concen: 20.766 ug/l
RT: 7.526 min Scan# 925
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Tgt Ion: 49 Resp: 66032
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 73.3 67.5 101.3





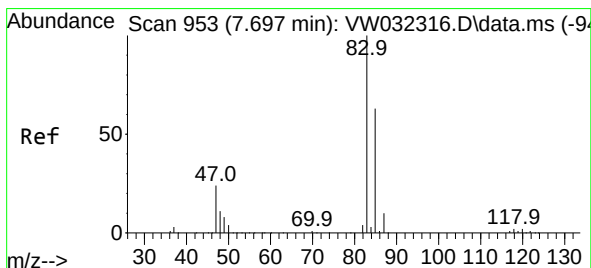
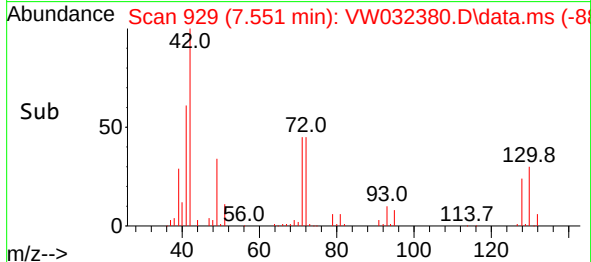
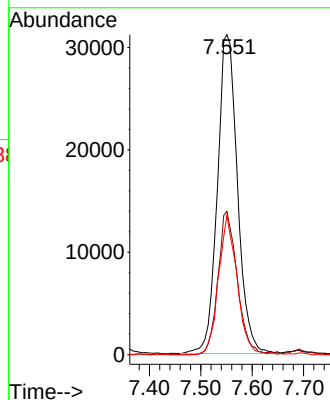
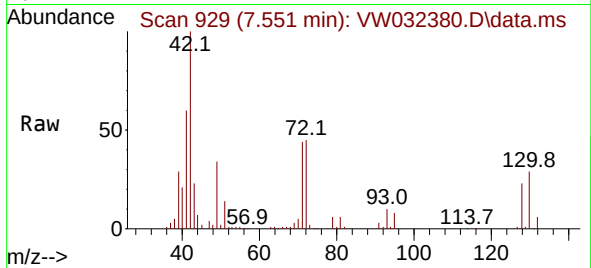
#29
Tetrahydrofuran
Concen: 87.426 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 42 Resp: 8497
Ion Ratio Lower Upper
42 100
72 43.2 37.4 56.2
71 40.1 36.0 54.0

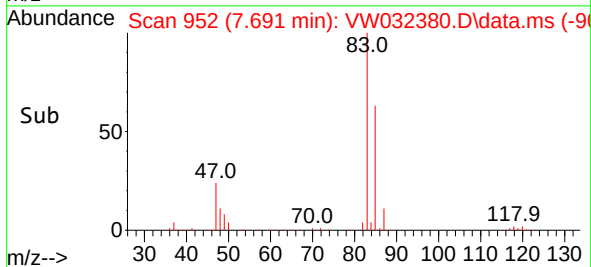
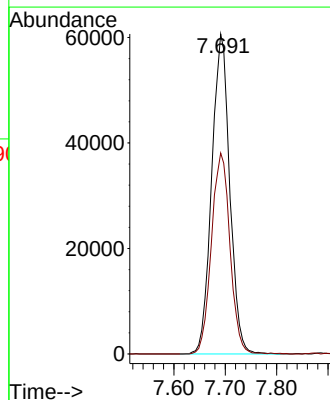
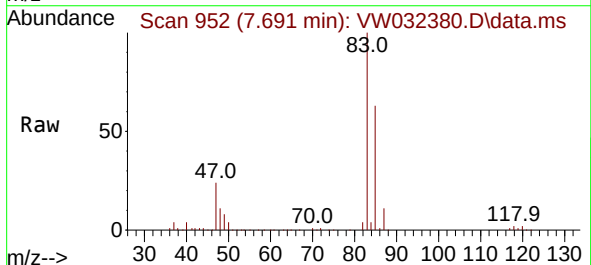
Manual Integrations
APPROVED

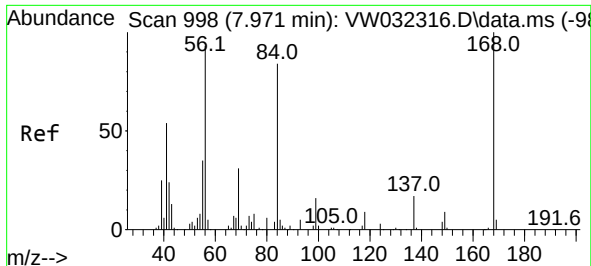
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#30
Chloroform
Concen: 21.519 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

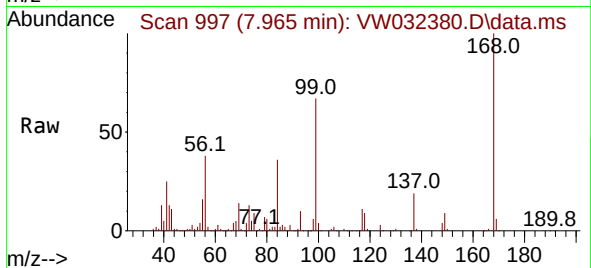
Tgt Ion: 83 Resp: 147499
Ion Ratio Lower Upper
83 100
85 62.8 51.2 76.8





#31
Cyclohexane
Concen: 19.181 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

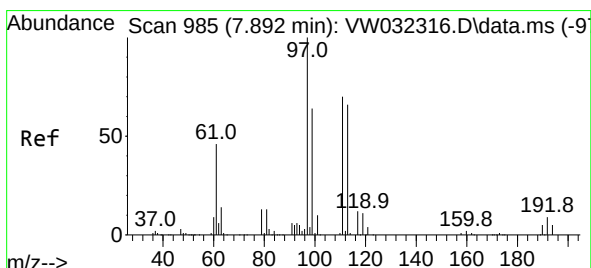
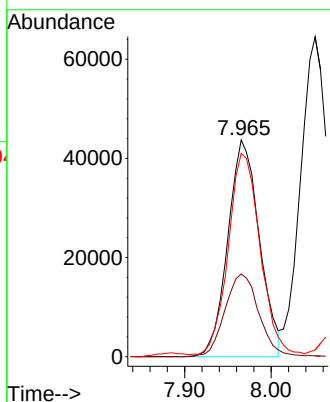
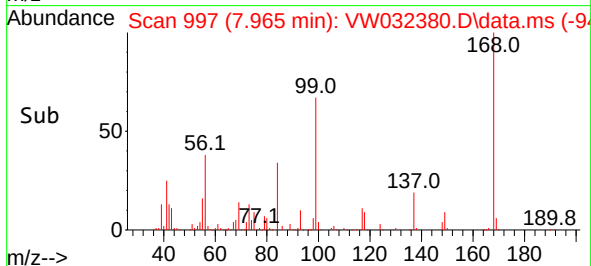
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 56 Resp: 11067
Ion Ratio Lower Upper
56 100
69 38.1 27.7 41.5
84 92.3 74.6 112.0

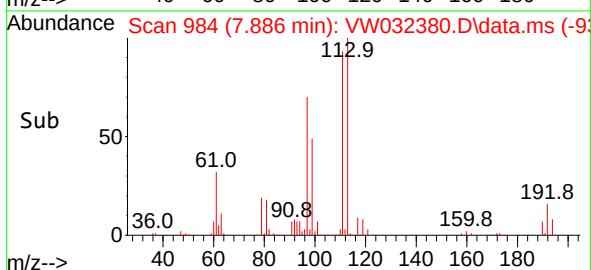
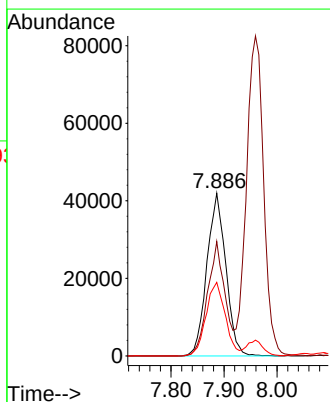
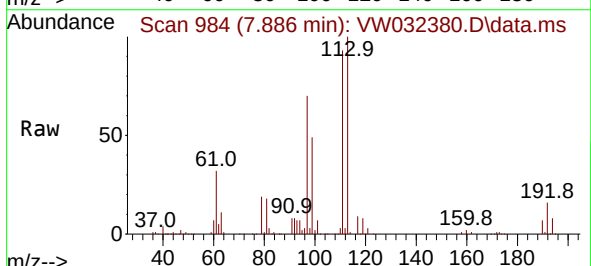
Manual Integrations
APPROVED

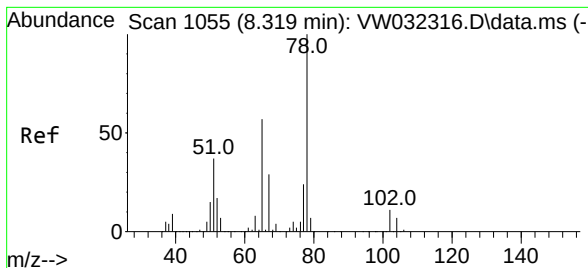
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 21.471 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

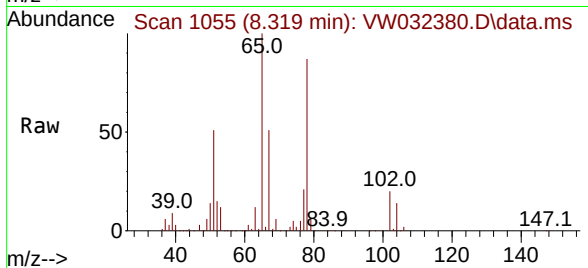
Tgt Ion: 97 Resp: 104287
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 46.0 36.2 54.4





#33
 1,2-Dichloroethane-d4
 Concen: 52.149 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032380.D
 Acq: 20 Oct 2025 11:41

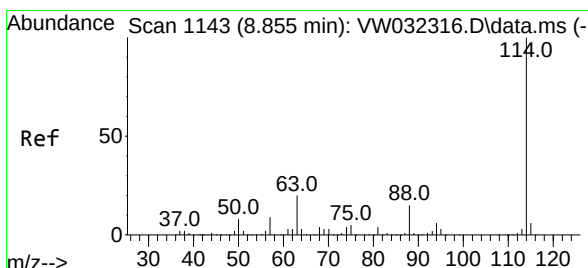
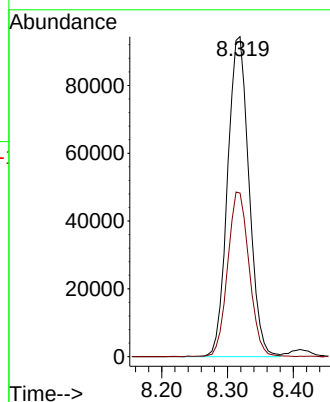
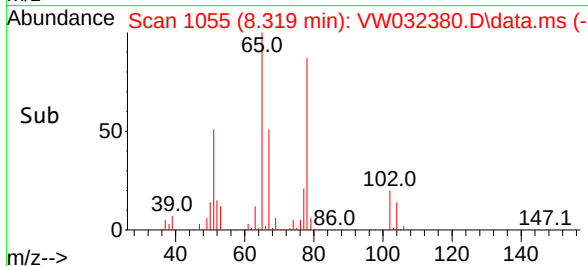
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01



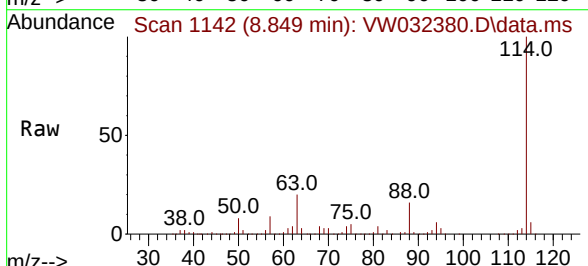
Tgt Ion: 65 Resp: 213734
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.6

Manual Integrations
 APPROVED

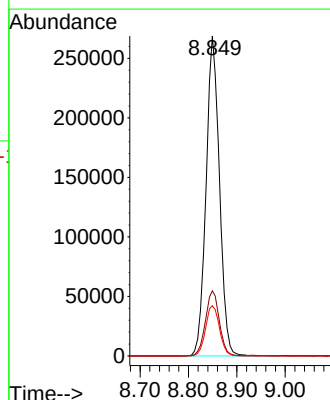
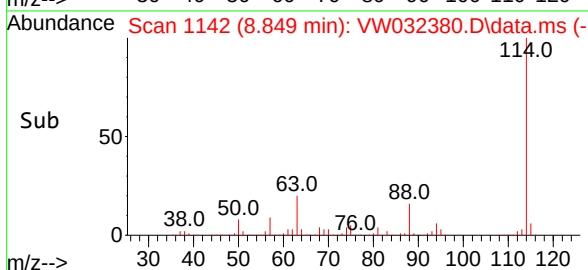
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

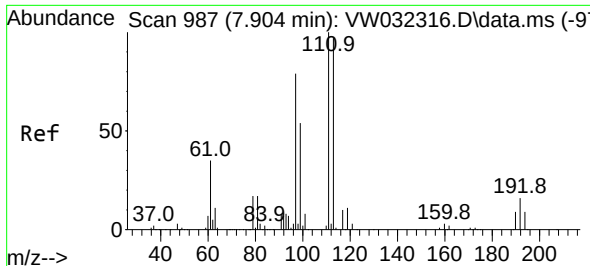


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032380.D
 Acq: 20 Oct 2025 11:41



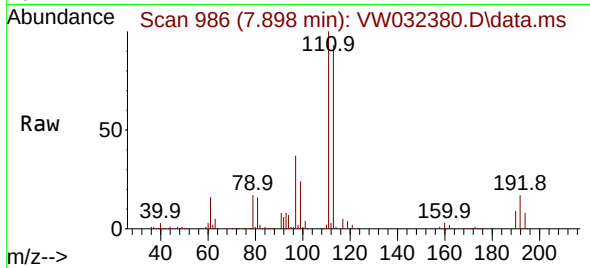
Tgt Ion:114 Resp: 517149
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.4
 88 15.7 0.0 32.0





#35
Dibromofluoromethane
Concen: 53.284 ug/l
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

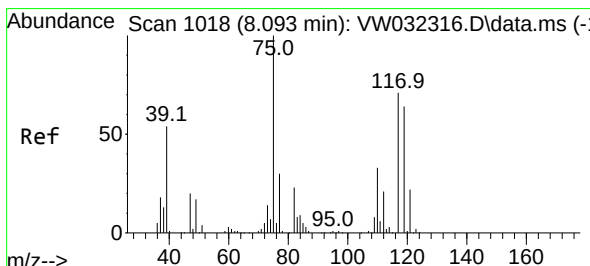
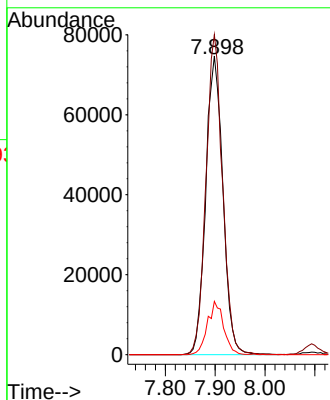
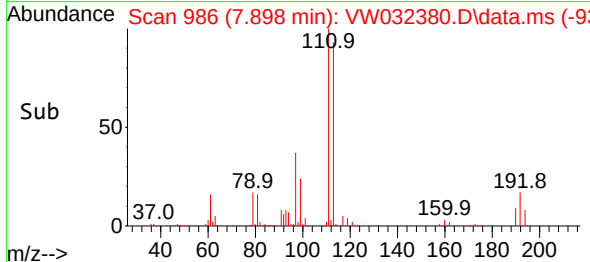
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 113 Resp: 17845
Ion Ratio Lower Upper
113 100
111 103.6 83.9 125.9
192 16.8 14.6 21.8

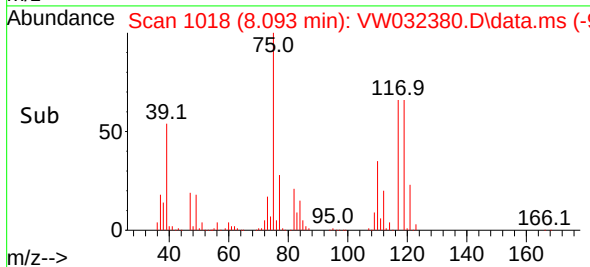
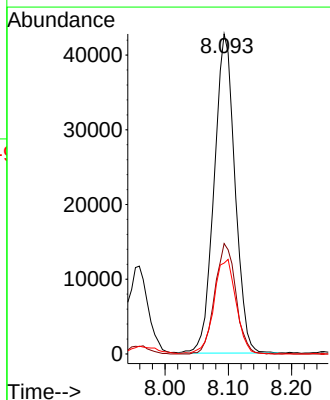
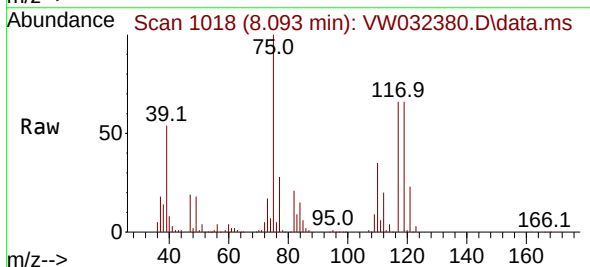
Manual Integrations
APPROVED

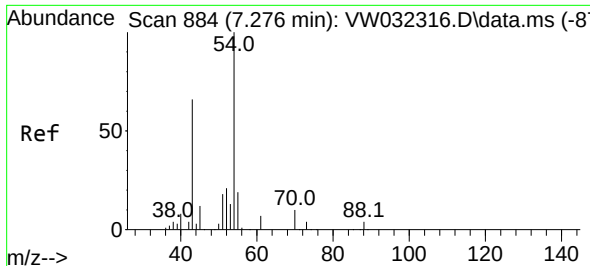
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#36
1,1-Dichloropropene
Concen: 20.572 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

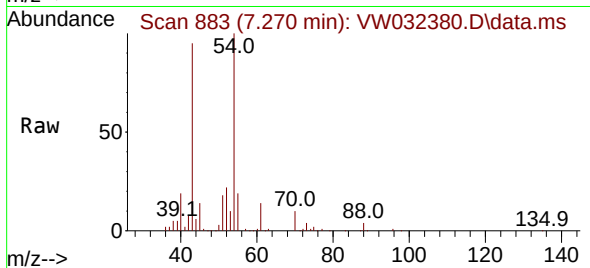
Tgt Ion: 75 Resp: 97235
Ion Ratio Lower Upper
75 100
110 34.9 17.5 52.5
77 31.8 24.1 36.1





#37
Ethyl Acetate
Concen: 18.169 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

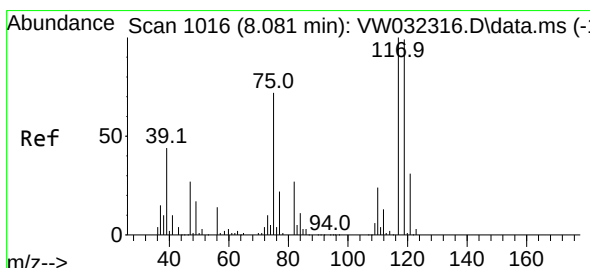
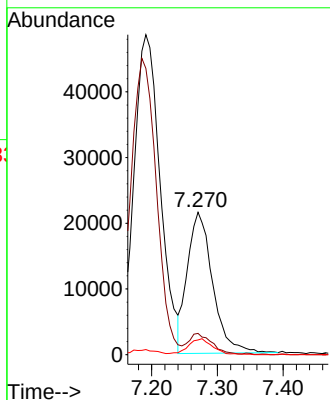
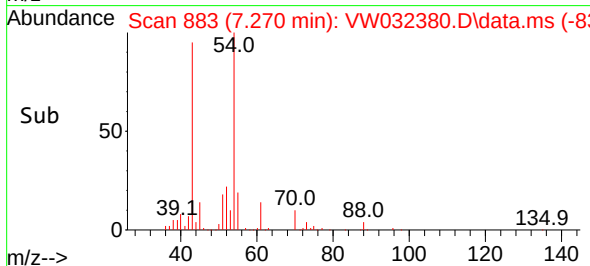
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 43 Resp: 57160
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 11.0 8.9 13.3

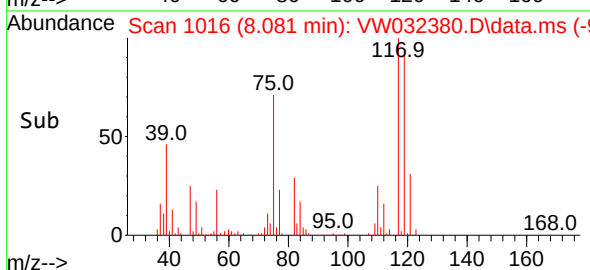
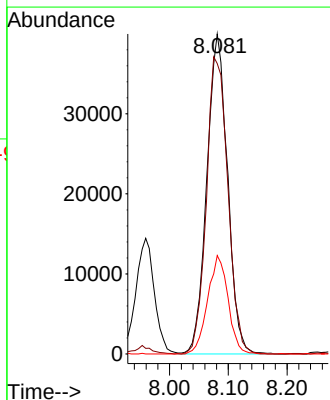
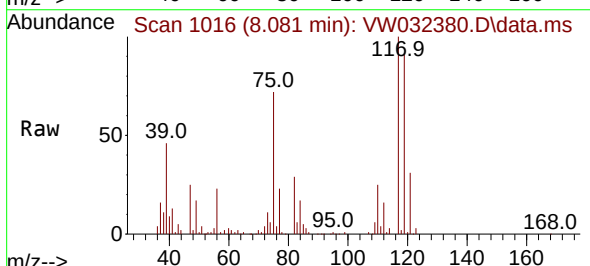
Manual Integrations
APPROVED

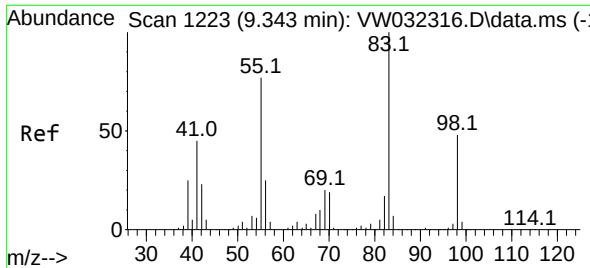
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#38
Carbon Tetrachloride
Concen: 22.006 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

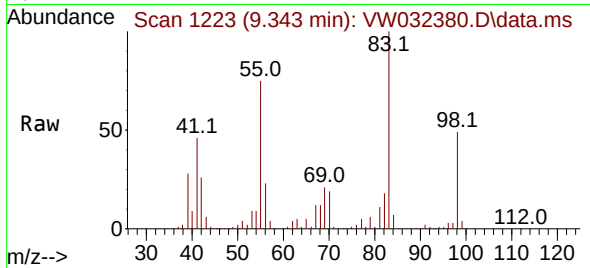
Tgt Ion:117 Resp: 97878
Ion Ratio Lower Upper
117 100
119 90.7 74.2 111.2
121 30.8 25.6 38.4





#39
Methylcyclohexane
Concen: 19.345 ug/l
RT: 9.343 min Scan# 11029
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

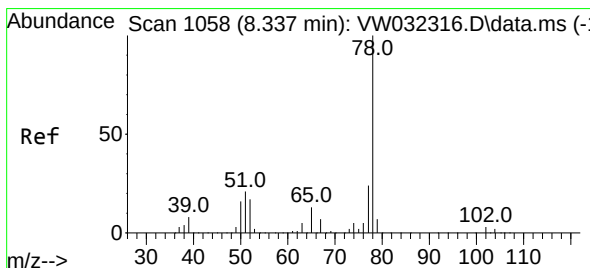
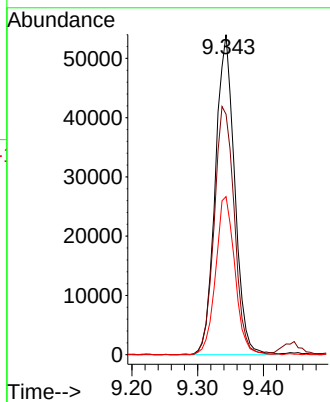
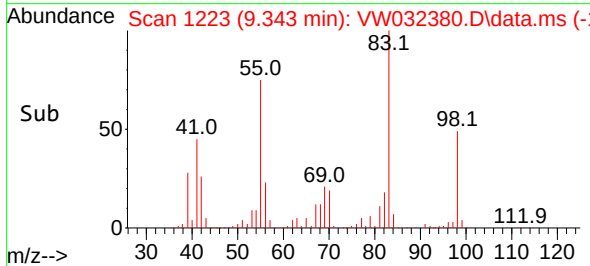
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 83 Resp: 11029
Ion Ratio Lower Upper
83 100
55 75.2 58.4 87.6
98 49.4 39.4 59.2

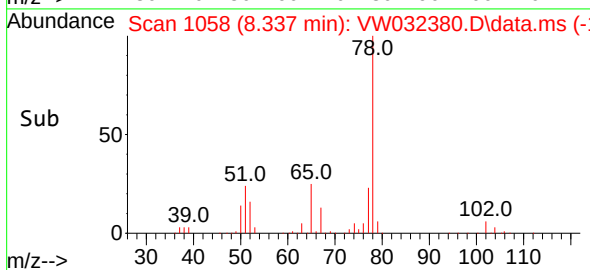
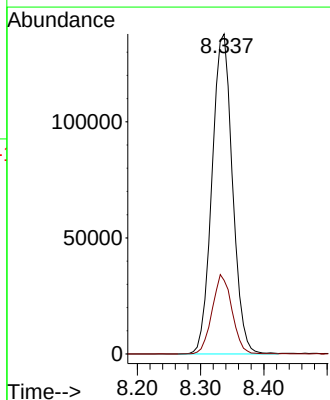
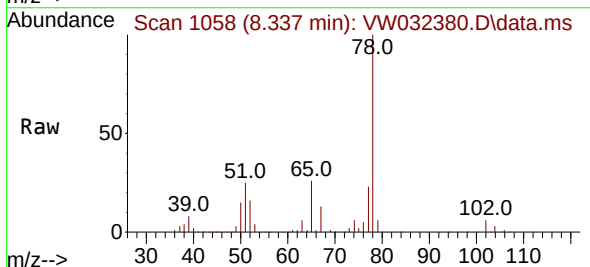
Manual Integrations
APPROVED

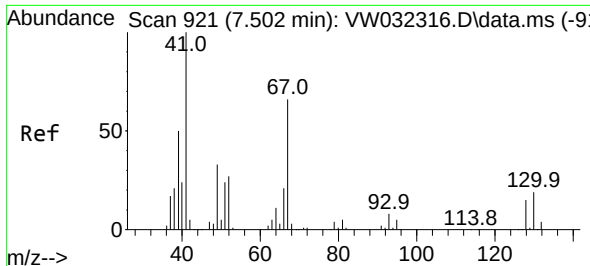
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#40
Benzene
Concen: 20.901 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

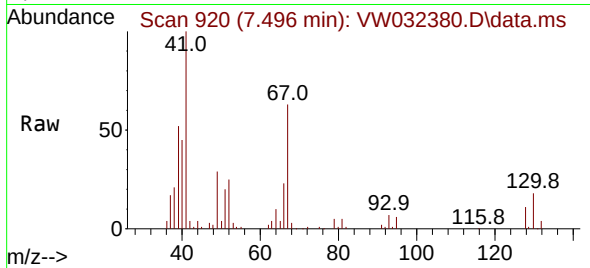
Tgt Ion: 78 Resp: 309652
Ion Ratio Lower Upper
78 100
77 23.0 20.7 31.1





#41
Methacrylonitrile
Concen: 19.180 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

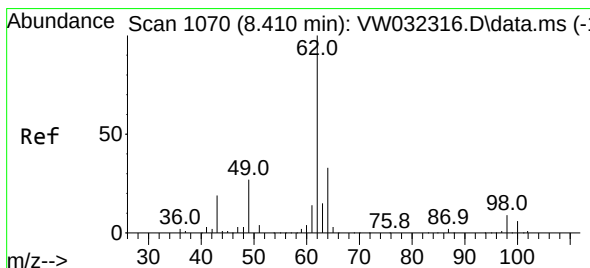
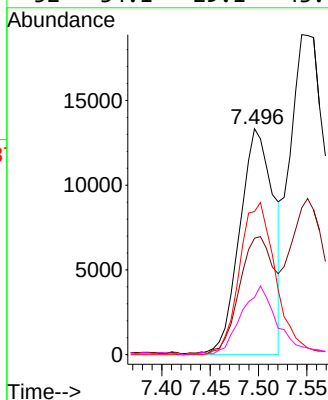
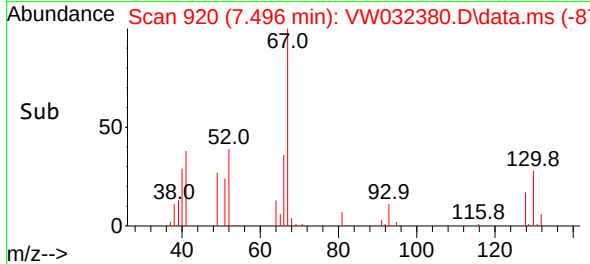
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion:	41	Resp:	32519
Ion Ratio	100	Lower	Upper
39	54.4	50.9	76.3
67	72.8	65.6	98.4
52	34.1	29.1	43.7

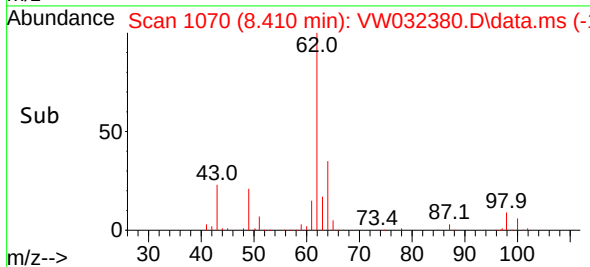
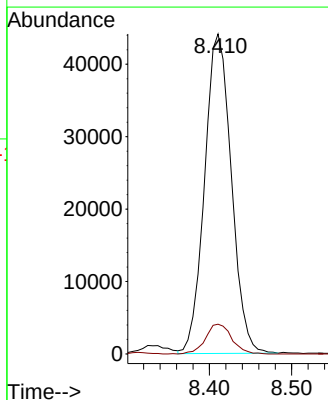
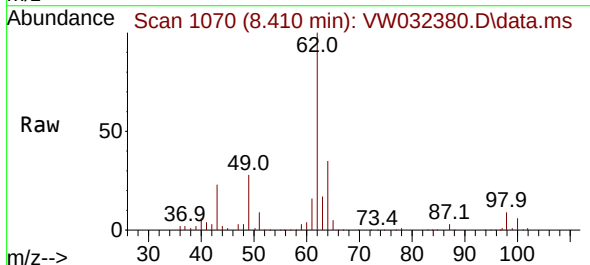
Manual Integrations
APPROVED

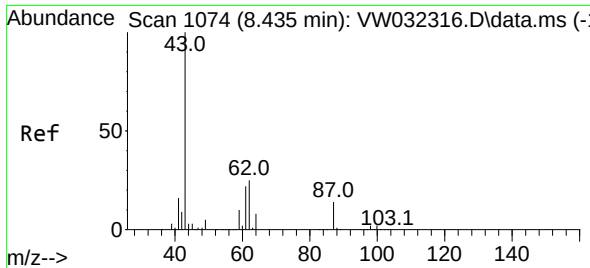
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 20.591 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

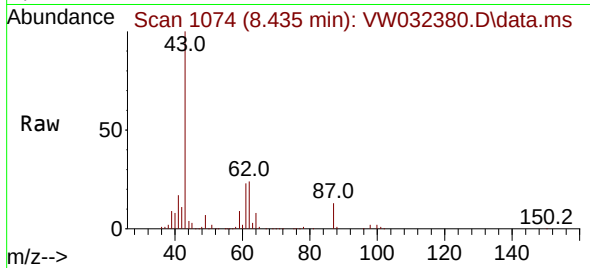
Tgt Ion:	62	Resp:	99820
Ion Ratio	100	Lower	Upper
98	9.1	0.0	18.0





#43
Isopropyl Acetate
Concen: 18.271 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

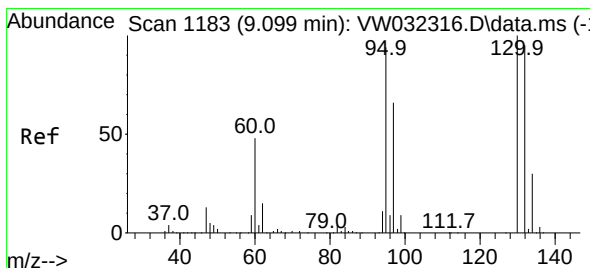
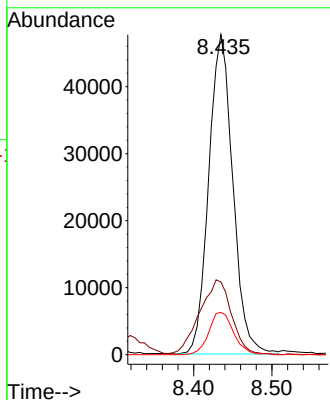
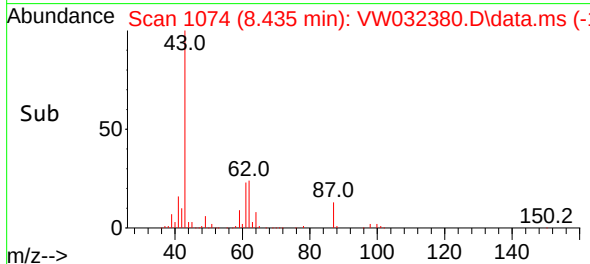
Instrument : MSVOA_W
ClientSampleId : VW1020SBS01



Tgt Ion: 43 Resp: 101969
Ion Ratio Lower Upper
43 100
61 31.0 23.3 34.9
87 13.7 11.1 16.7

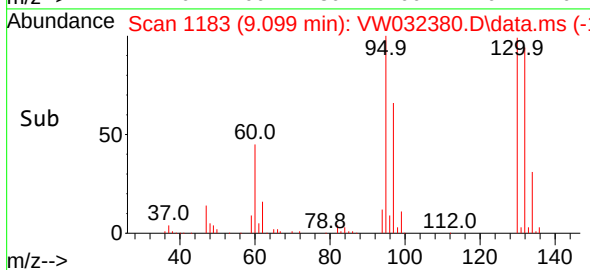
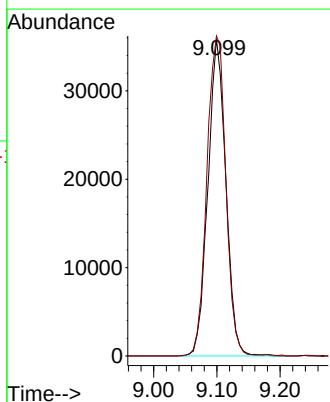
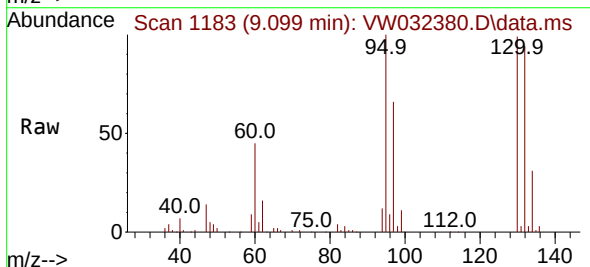
Manual Integrations
APPROVED

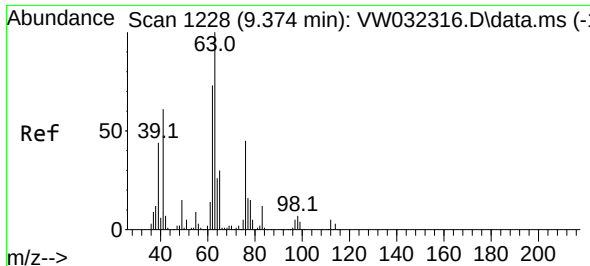
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 20.348 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

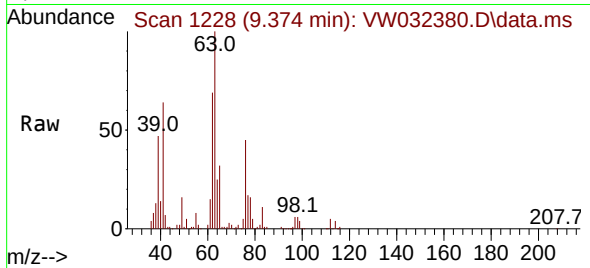
Tgt Ion:130 Resp: 70587
Ion Ratio Lower Upper
130 100
95 101.0 0.0 220.0





#45
1,2-Dichloropropane
Concen: 21.021 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

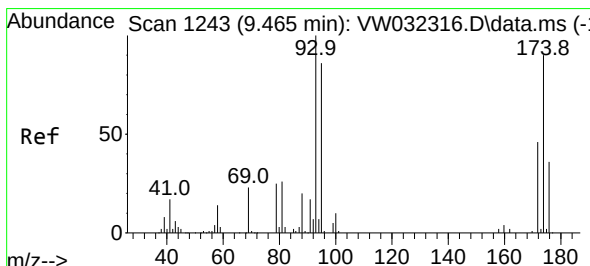
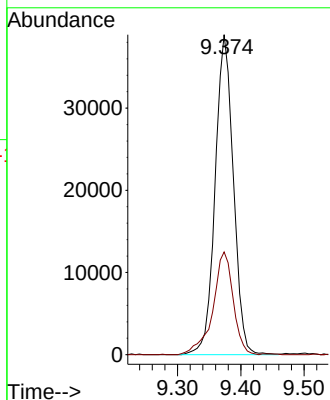
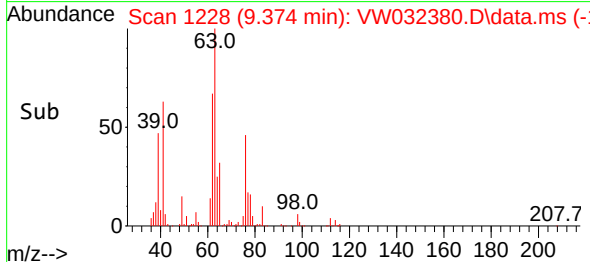
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



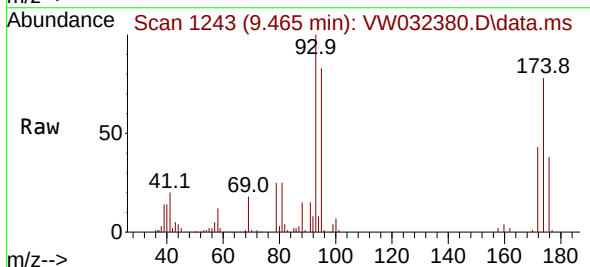
Tgt Ion: 63 Resp: 7773
Ion Ratio Lower Upper
63 100
65 32.1 24.3 36.5

Manual Integrations
APPROVED

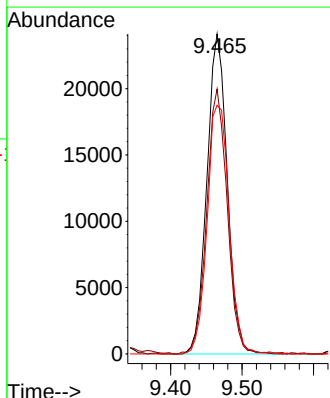
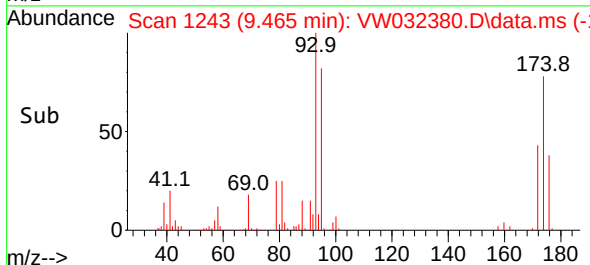
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

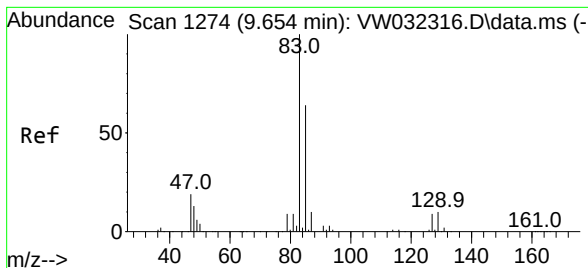


#46
Dibromomethane
Concen: 20.980 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



Tgt Ion: 93 Resp: 47706
Ion Ratio Lower Upper
93 100
95 83.2 67.4 101.2
174 83.7 75.7 113.5





#47

Bromodichloromethane

Concen: 21.975 ug/l

RT: 9.648 min Scan# 11429

Delta R.T. -0.000 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 83 Resp: 11429

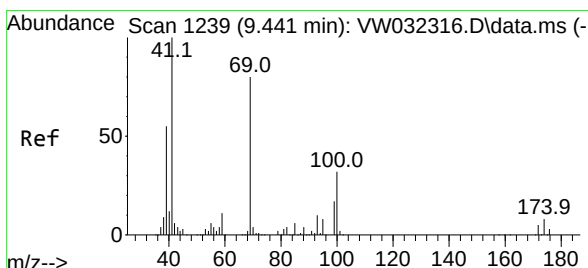
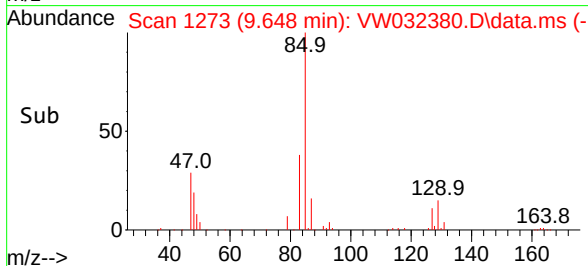
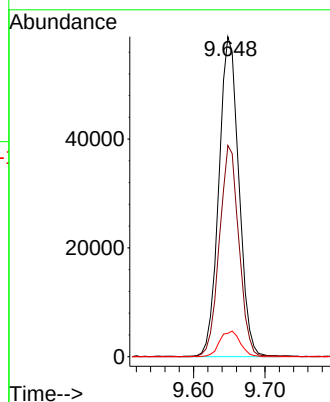
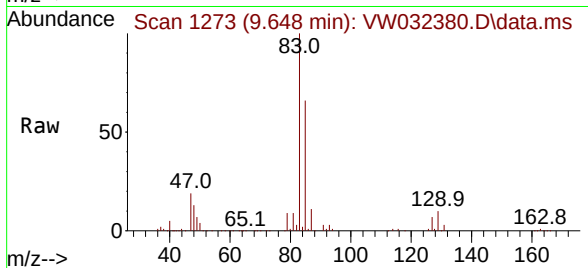
Ion	Ratio	Lower	Upper
83	100		
85	66.0	48.7	73.1
127	7.3	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#48

Methyl methacrylate

Concen: 17.496 ug/l

RT: 9.441 min Scan# 1239

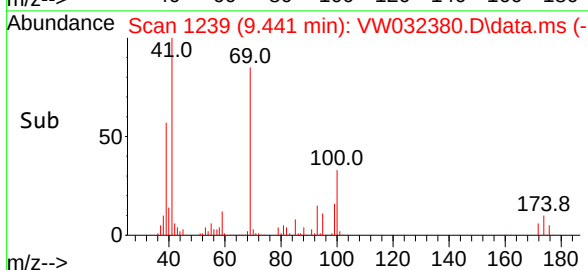
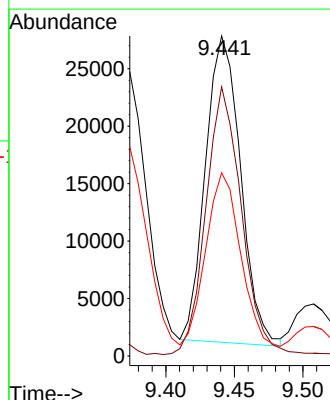
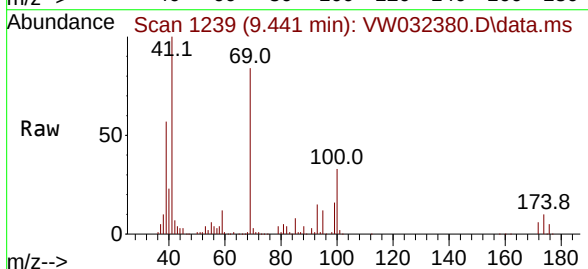
Delta R.T. -0.000 min

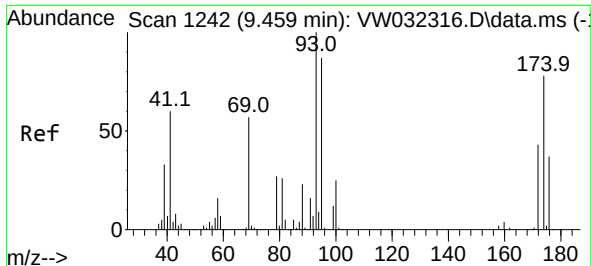
Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Tgt Ion: 41 Resp: 47476

Ion	Ratio	Lower	Upper
41	100		
69	89.6	71.5	107.3
39	56.8	55.9	83.9





#49

1,4-Dioxane

Concen: 368.334 ug/l

RT: 9.459 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 88 Resp: 1144

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0

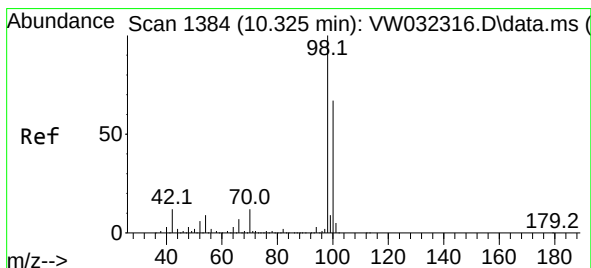
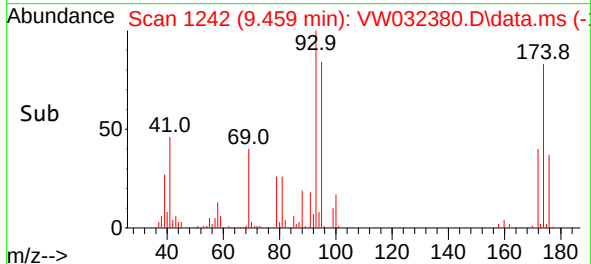
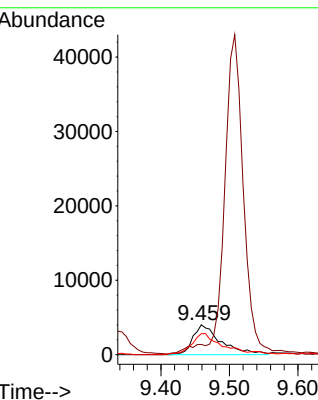
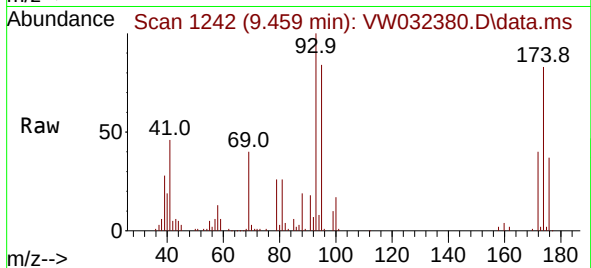
58 73.2 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 53.025 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032380.D

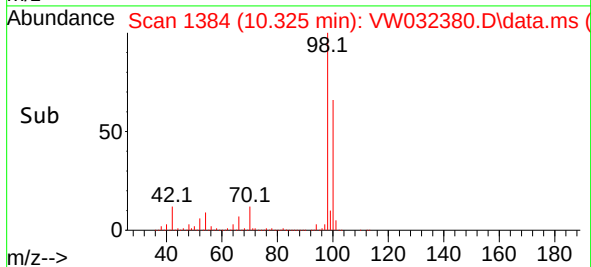
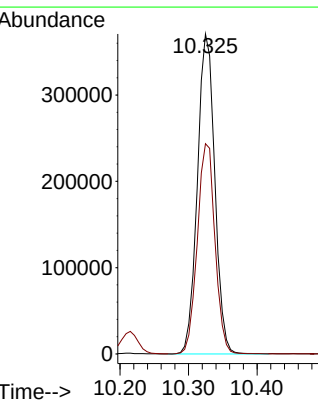
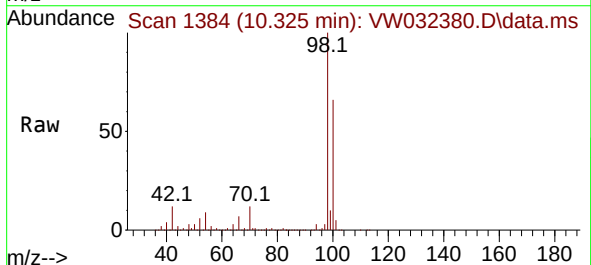
Acq: 20 Oct 2025 11:41

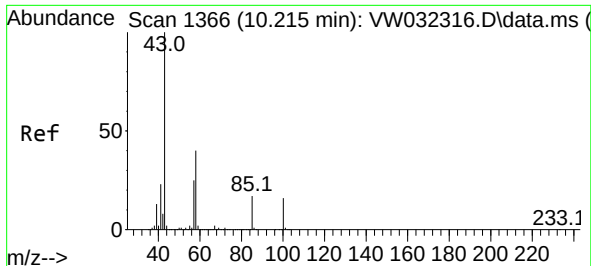
Tgt Ion: 98 Resp: 655431

Ion Ratio Lower Upper

98 100

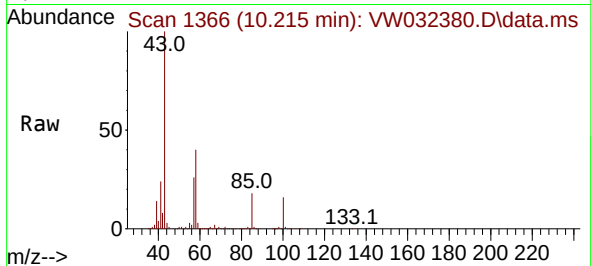
100 66.7 51.4 77.2





#51
4-Methyl-2-Pentanone
Concen: 92.294 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

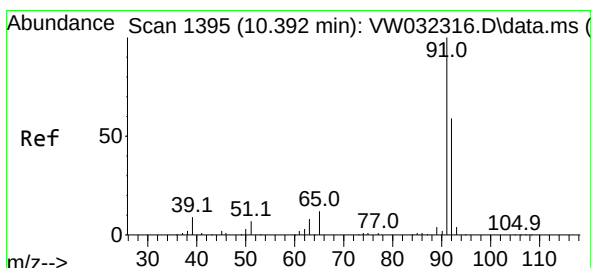
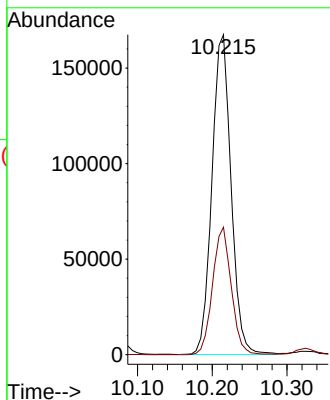
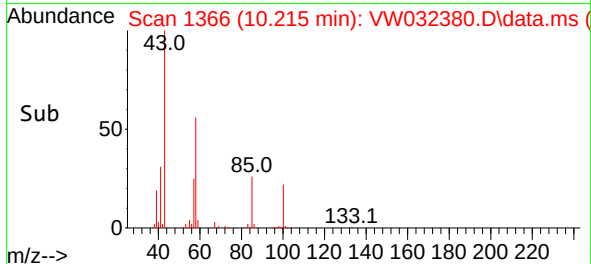
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 43 Resp: 298340
Ion Ratio Lower Upper
43 100
58 39.0 32.0 48.0

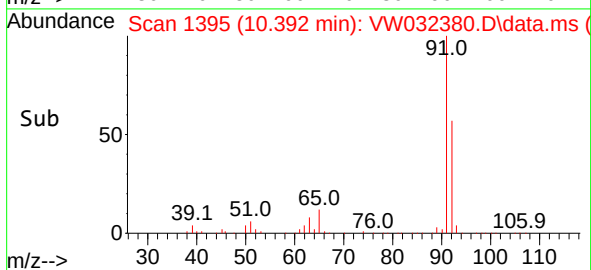
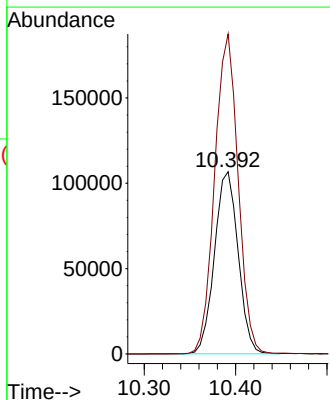
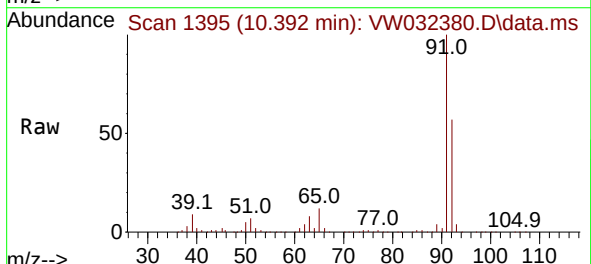
Manual Integrations
APPROVED

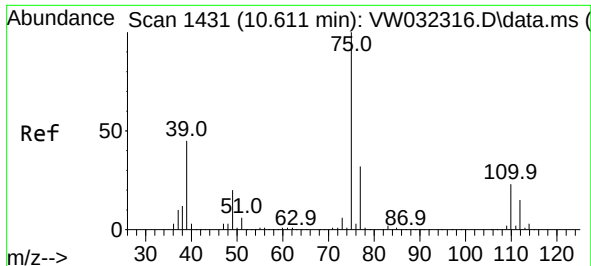
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 20.790 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

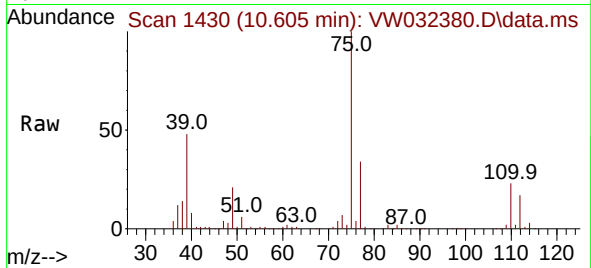
Tgt Ion: 92 Resp: 191814
Ion Ratio Lower Upper
92 100
91 174.9 137.5 206.3





#53
t-1,3-Dichloropropene
Concen: 20.233 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

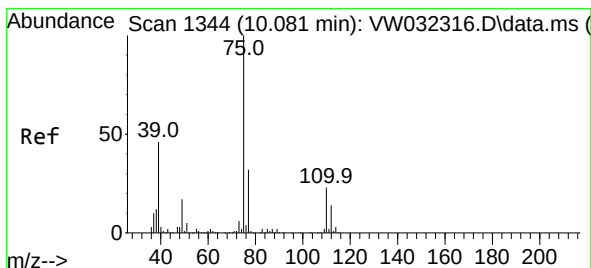
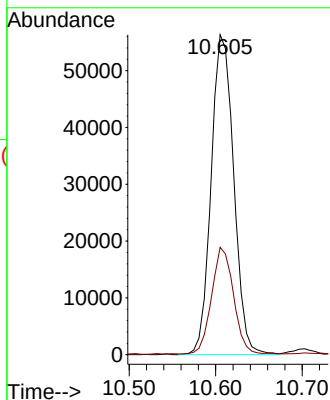
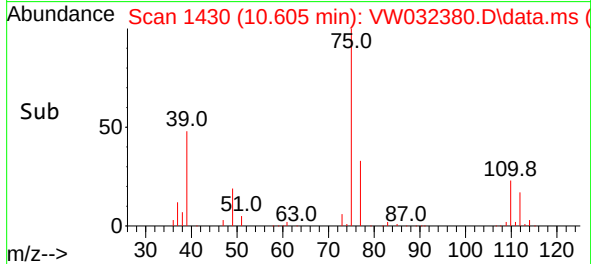
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 75 Resp: 102094
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4

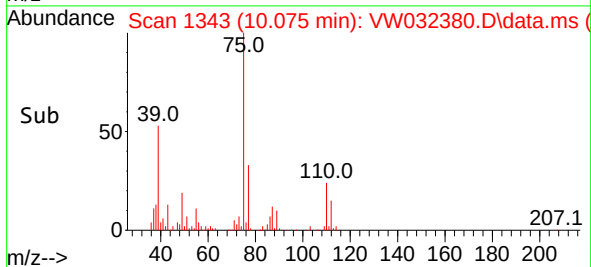
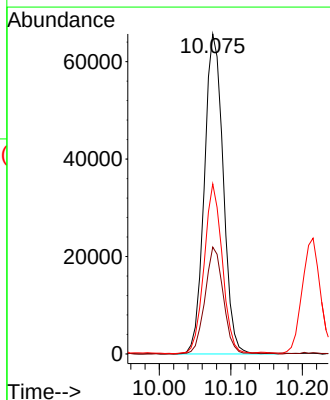
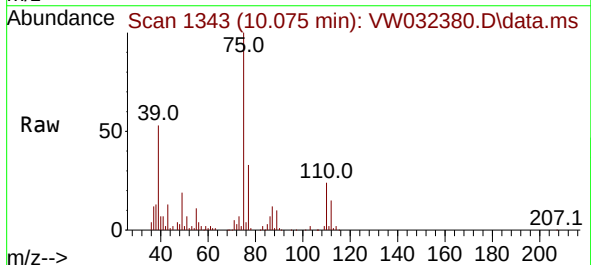
Manual Integrations
APPROVED

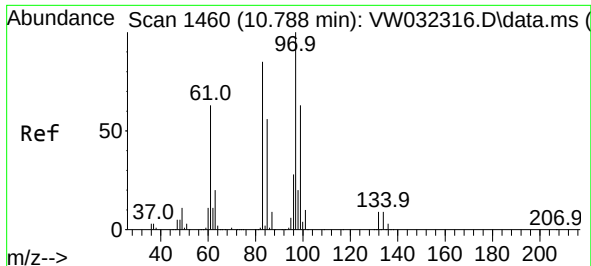
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#54
cis-1,3-Dichloropropene
Concen: 20.705 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

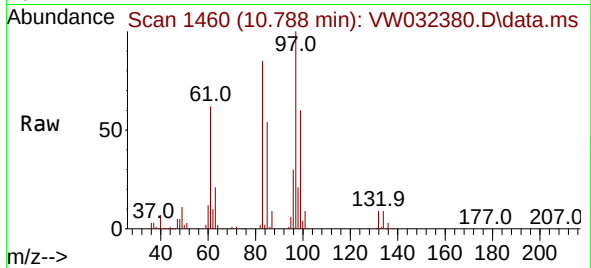
Tgt Ion: 75 Resp: 120341
Ion Ratio Lower Upper
75 100
77 33.4 25.1 37.7
39 53.0 43.2 64.8





#55
1,1,2-Trichloroethane
Concen: 20.679 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

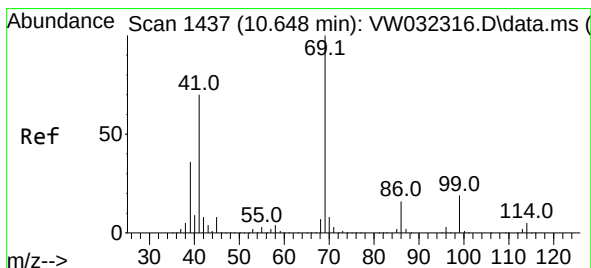
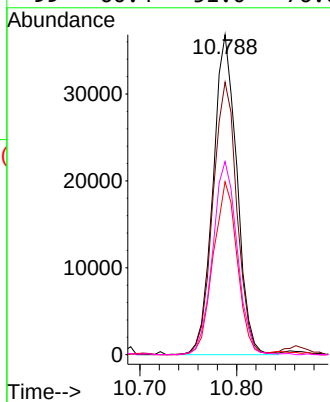
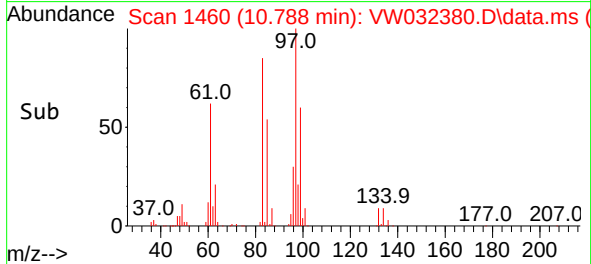
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 97 Resp: 62840
Ion Ratio Lower Upper
97 100
83 85.0 71.0 106.6
85 54.1 42.8 64.2
99 60.4 51.0 76.6

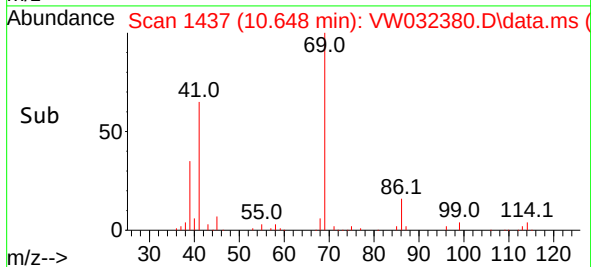
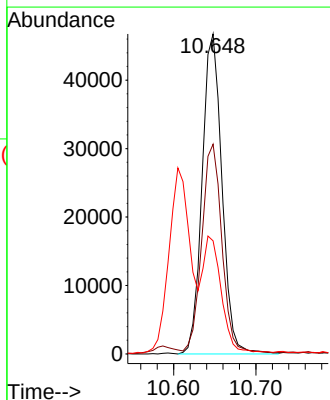
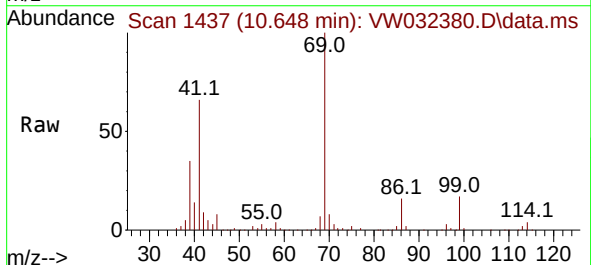
Manual Integrations
APPROVED

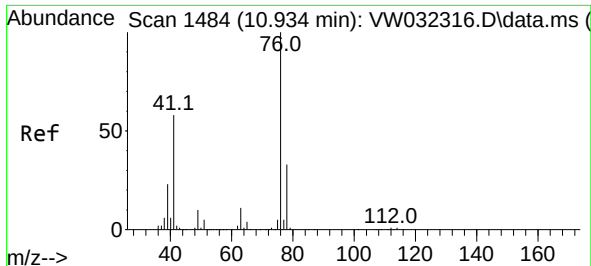
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 18.412 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Tgt Ion: 69 Resp: 78320
Ion Ratio Lower Upper
69 100
41 66.4 53.2 79.8
39 33.6 32.9 49.3





#57

1,3-Dichloropropane

Concen: 20.350 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 76 Resp: 10923

Ion Ratio Lower Upper

76 100

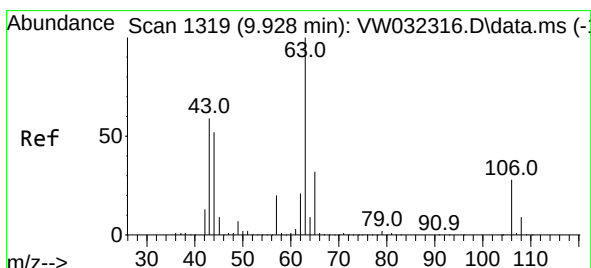
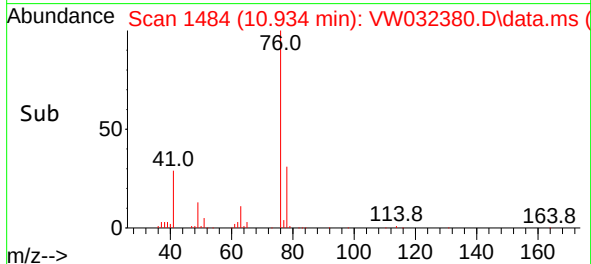
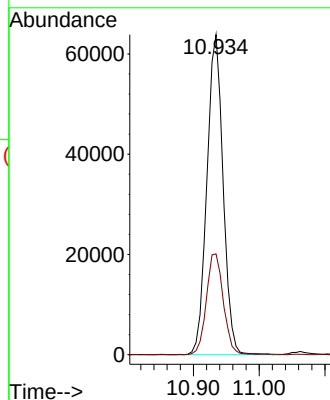
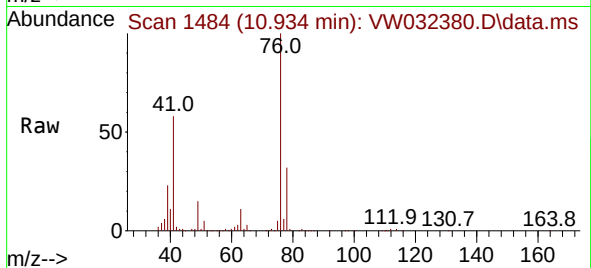
78 33.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 89.381 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032380.D

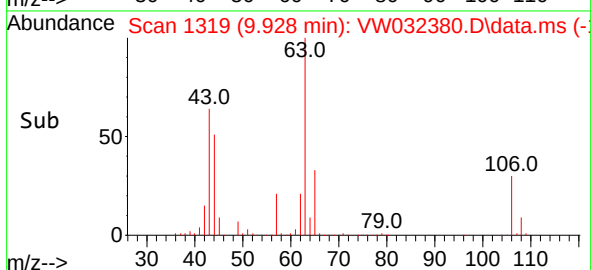
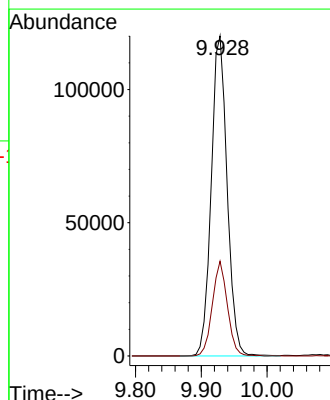
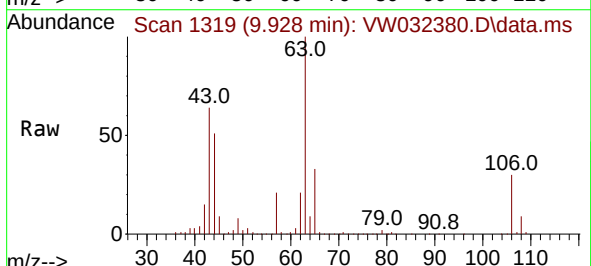
Acq: 20 Oct 2025 11:41

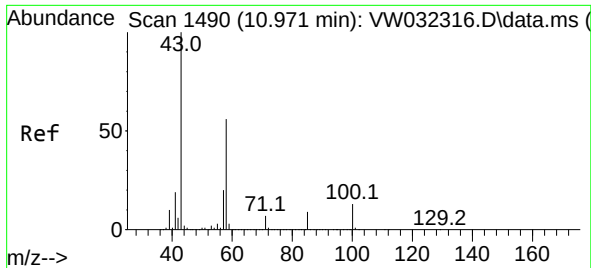
Tgt Ion: 63 Resp: 202349

Ion Ratio Lower Upper

63 100

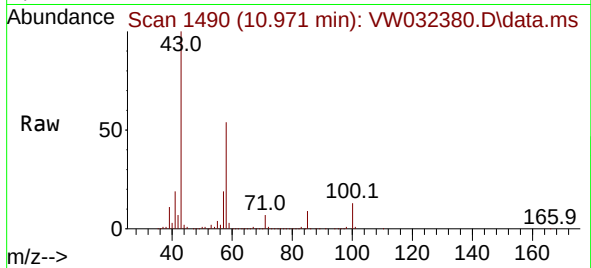
106 27.9 24.3 36.5





#59
2-Hexanone
Concen: 92.843 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

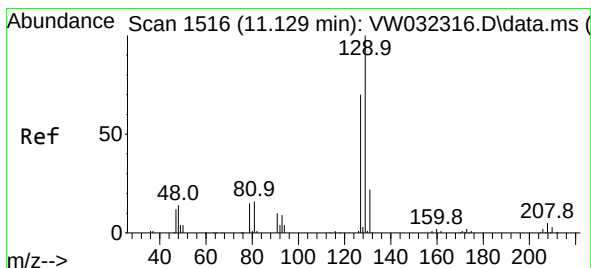
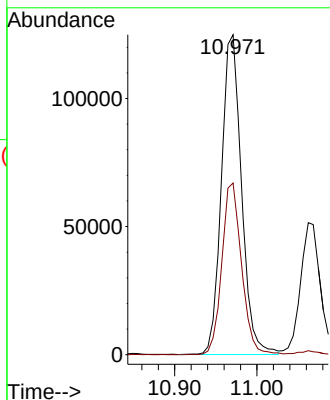
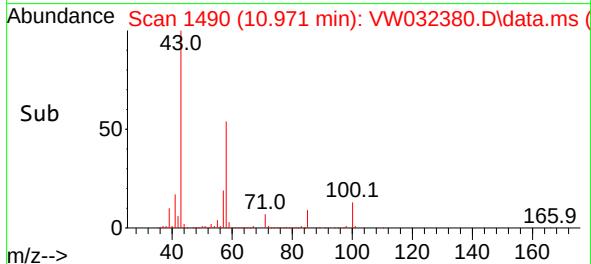
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



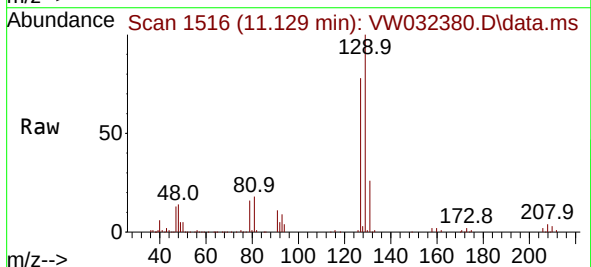
Tgt Ion: 43 Resp: 21167
Ion Ratio Lower Upper
43 100
58 52.7 27.5 82.4

Manual Integrations
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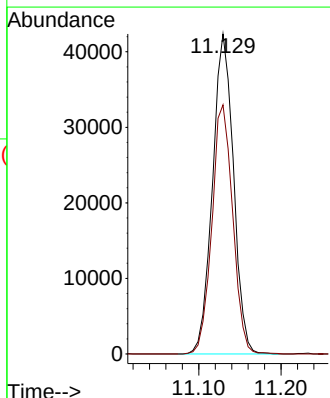
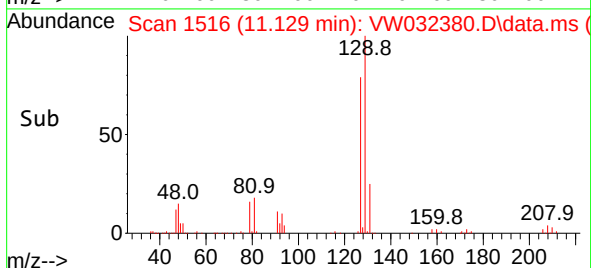
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

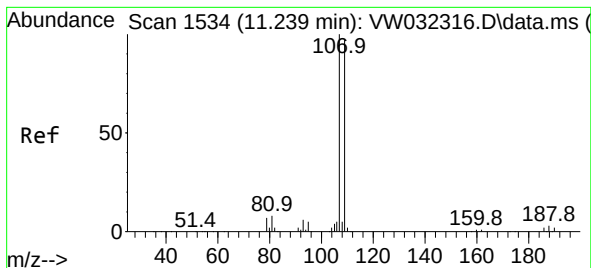


#60
Dibromochloromethane
Concen: 21.706 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



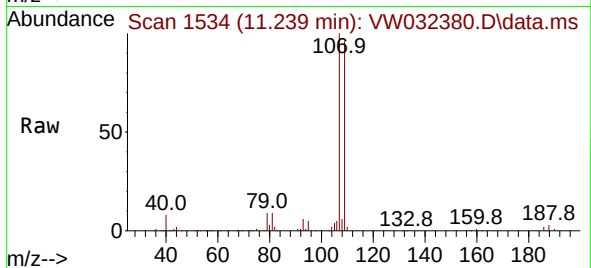
Tgt Ion:129 Resp: 74905
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5





#61
1,2-Dibromoethane
Concen: 20.263 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

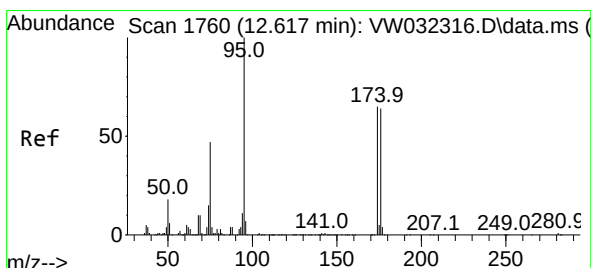
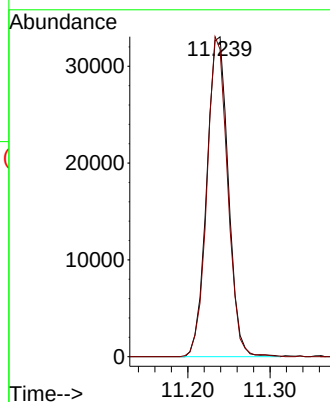
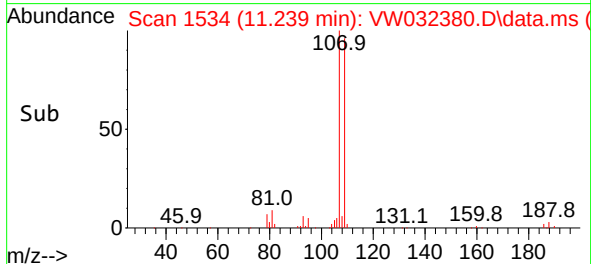
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



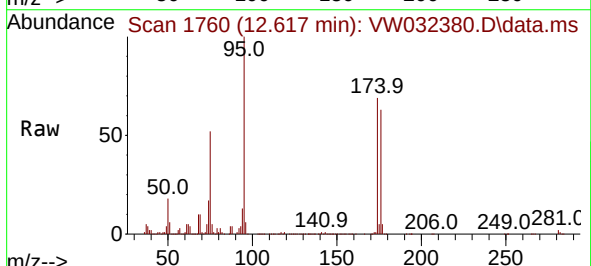
Tgt Ion:107 Resp: 6004
Ion Ratio Lower Upper
107 100
109 96.2 74.5 111.7

Manual Integrations
APPROVED

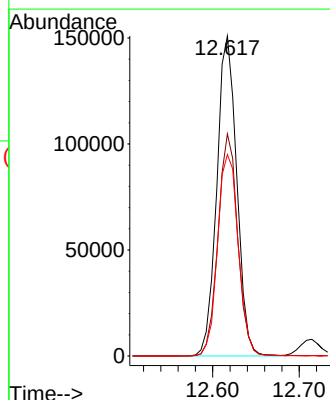
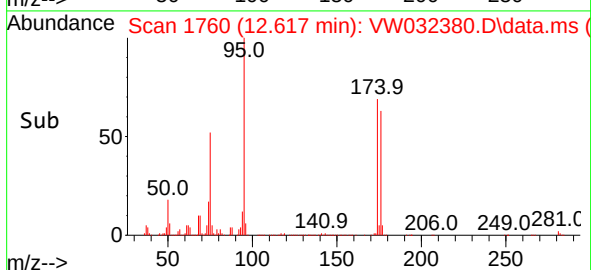
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

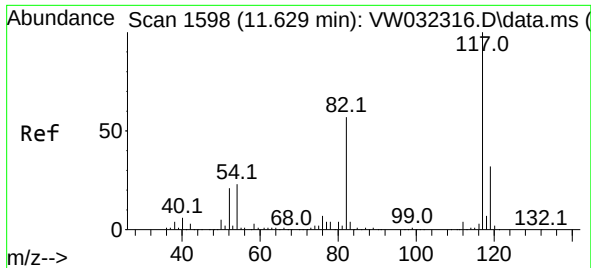


#62
4-Bromofluorobenzene
Concen: 51.667 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



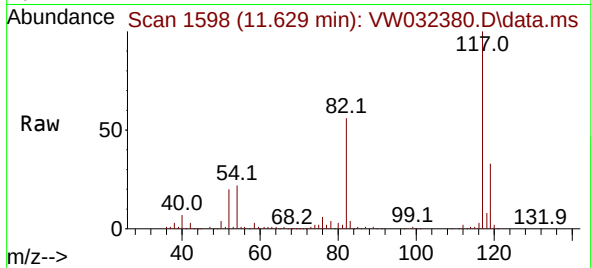
Tgt Ion: 95 Resp: 241390
Ion Ratio Lower Upper
95 100
174 68.3 0.0 145.6
176 65.4 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

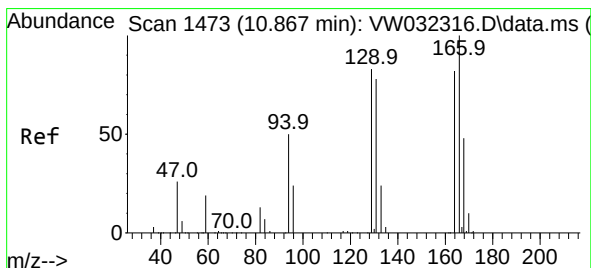
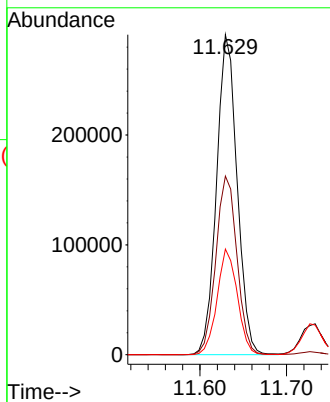
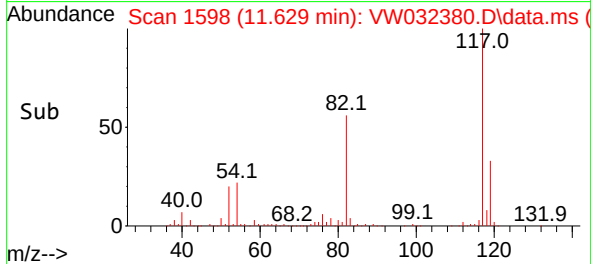
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion:117 Resp: 480740
Ion Ratio Lower Upper
117 100
82 55.8 42.7 64.1
119 33.0 25.2 37.8

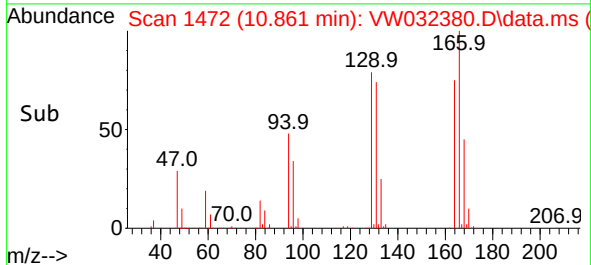
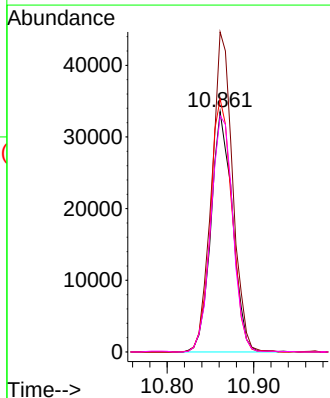
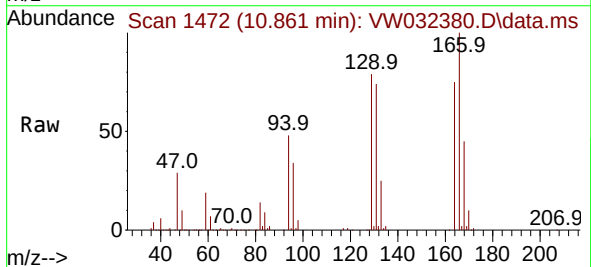
Manual Integrations
APPROVED

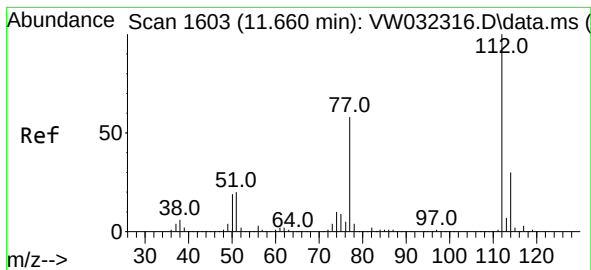
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 20.114 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

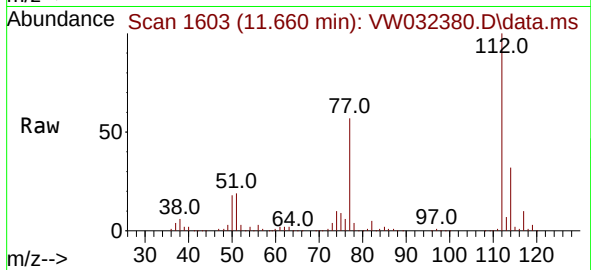
Tgt Ion:164 Resp: 57861
Ion Ratio Lower Upper
164 100
166 133.1 97.5 146.3
129 105.3 71.2 106.8
131 98.3 70.7 106.1





#65
Chlorobenzene
Concen: 20.202 ug/l
RT: 11.660 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

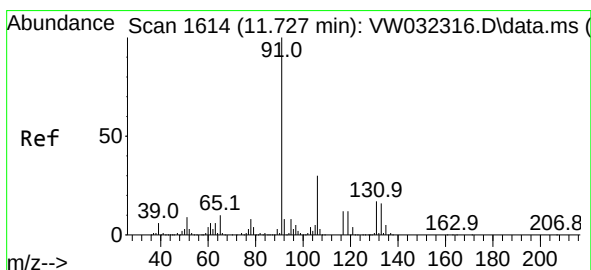
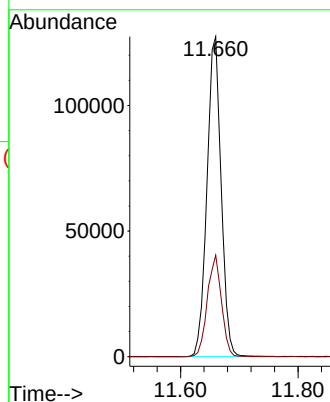
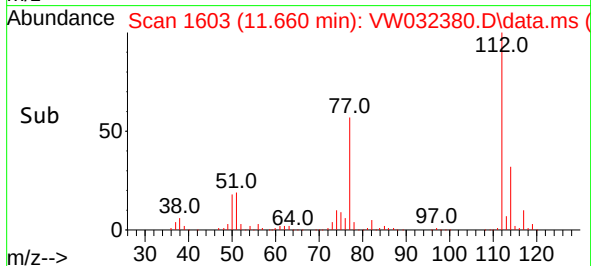
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



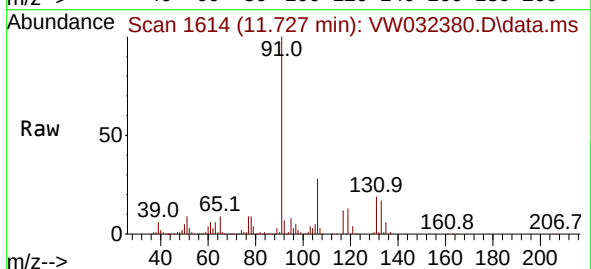
Tgt Ion:112 Resp: 21368
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

Manual Integrations
APPROVED

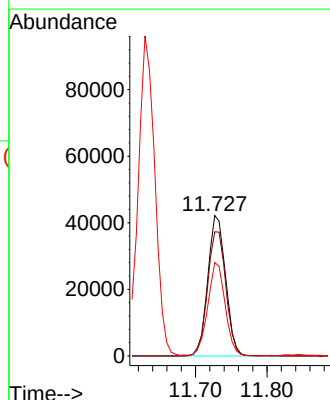
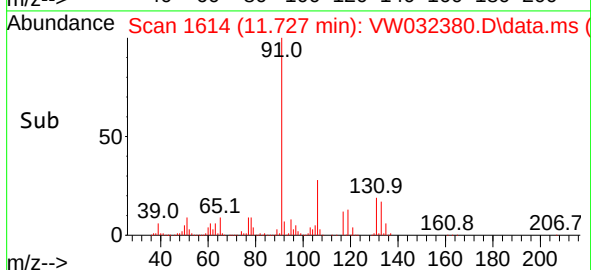
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

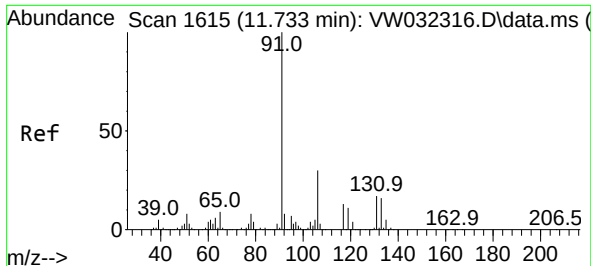


#66
1,1,1,2-Tetrachloroethane
Concen: 22.139 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



Tgt Ion:131 Resp: 72938
Ion Ratio Lower Upper
131 100
133 91.5 47.7 143.1
119 65.1 32.8 98.3





#67

Ethyl Benzene

Concen: 20.492 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 91 Resp: 36130

Ion Ratio Lower Upper

91 100

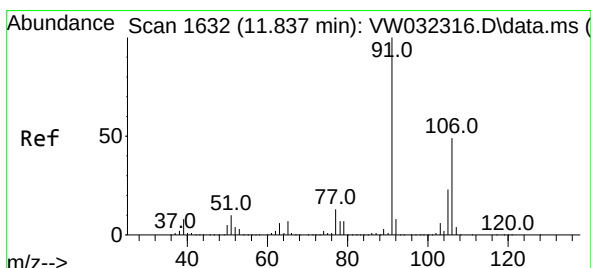
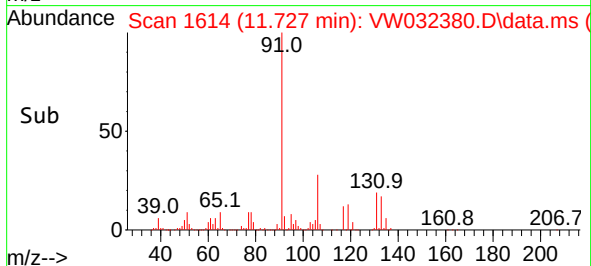
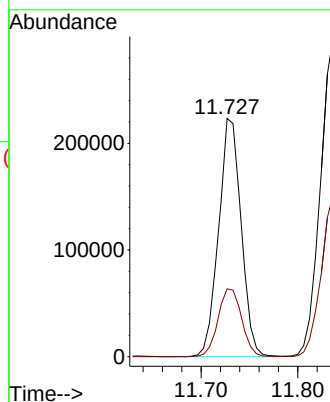
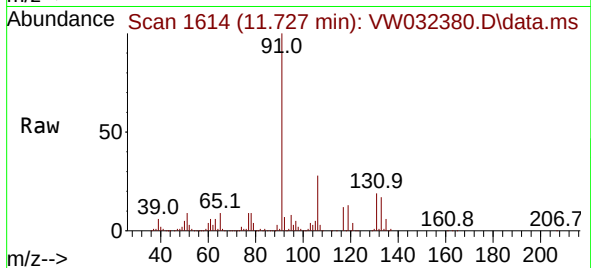
106 28.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#68

m/p-Xylenes

Concen: 41.170 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032380.D

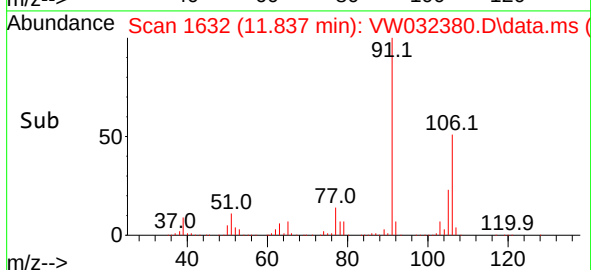
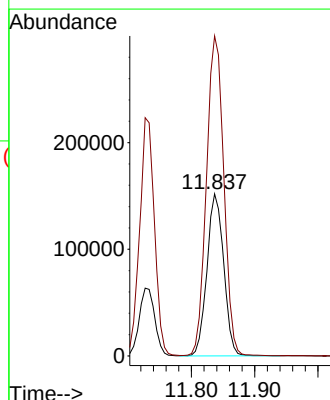
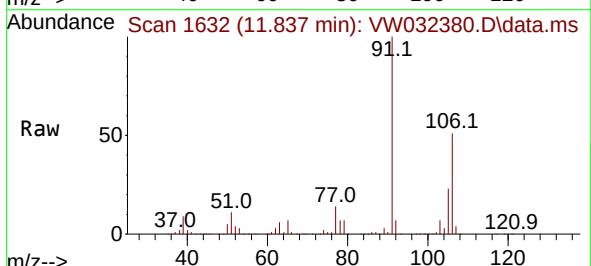
Acq: 20 Oct 2025 11:41

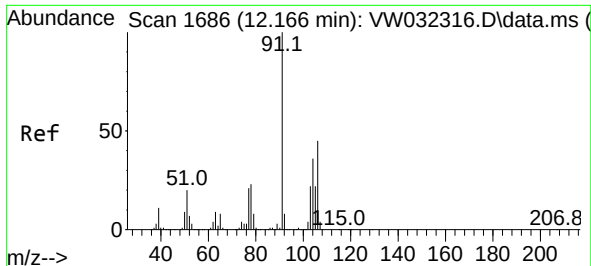
Tgt Ion:106 Resp: 279914

Ion Ratio Lower Upper

106 100

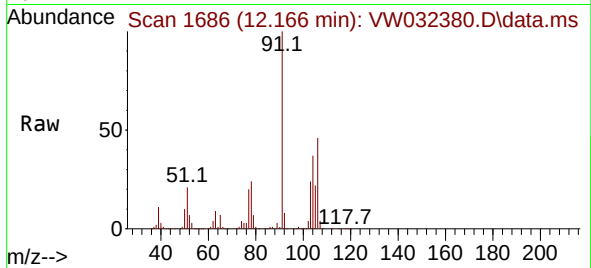
91 204.5 164.2 246.2





#69
o-Xylene
Concen: 19.771 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

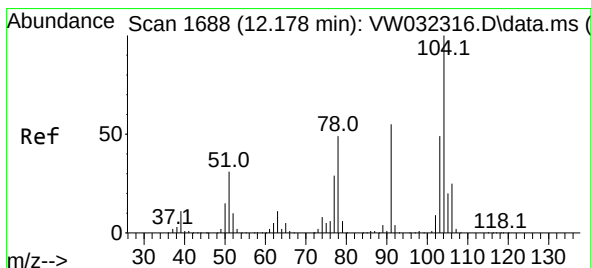
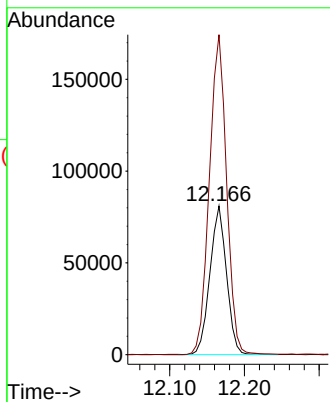
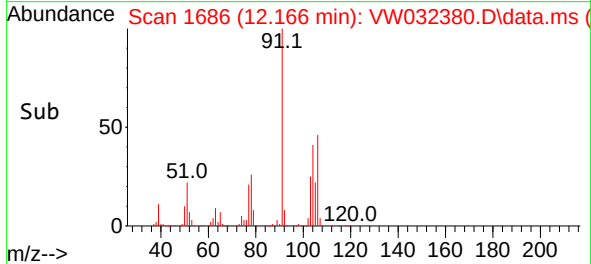
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion:106 Resp: 125704
Ion Ratio Lower Upper
106 100
91 221.9 108.7 326.3

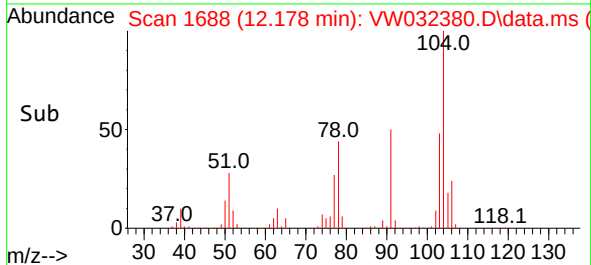
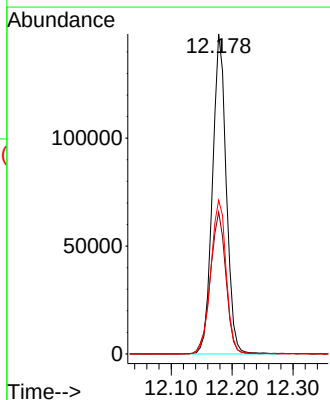
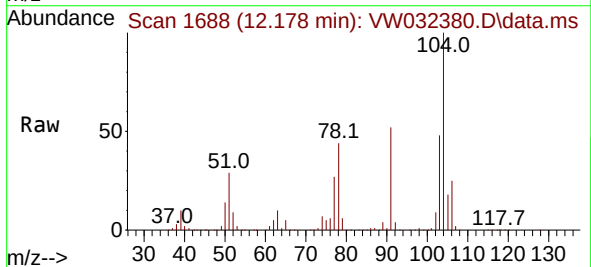
Manual Integrations
APPROVED

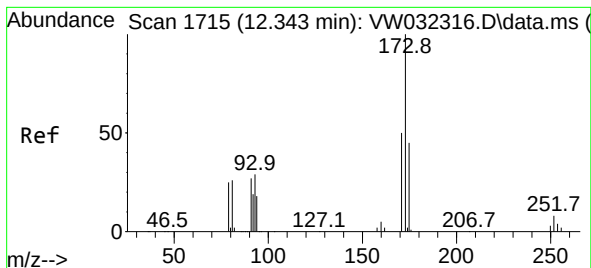
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 21.071 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Tgt Ion:104 Resp: 233906
Ion Ratio Lower Upper
104 100
78 49.7 41.6 62.4
103 53.5 44.8 67.2





#71

Bromoform

Concen: 21.516 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

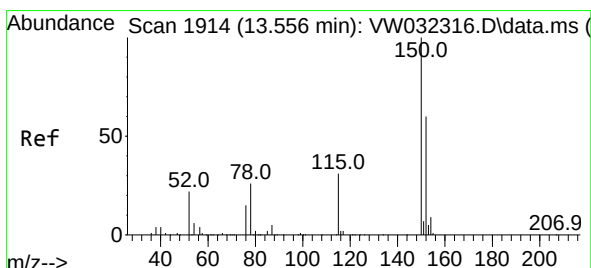
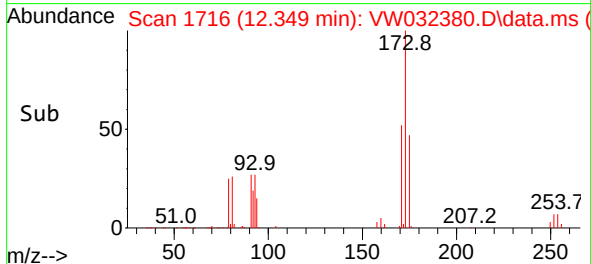
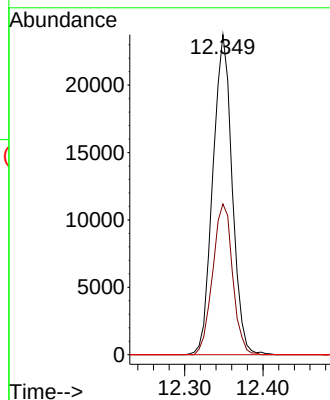
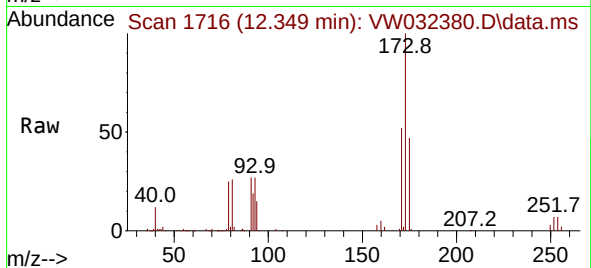
Tgt Ion:	173	Resp:	4063
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.9	74.7
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

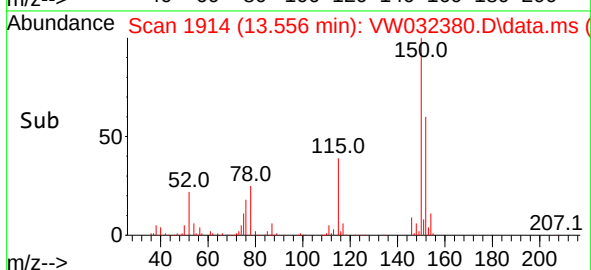
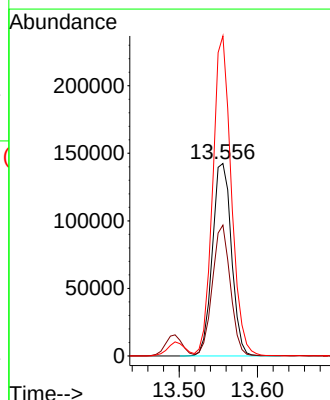
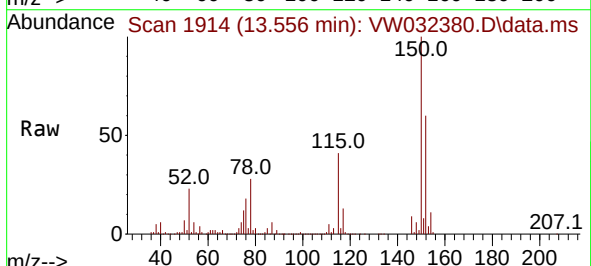
RT: 13.556 min Scan# 1914

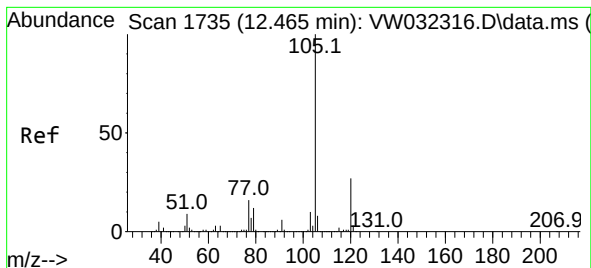
Delta R.T. -0.000 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Tgt Ion:	152	Resp:	240746
Ion Ratio	Lower	Upper	
152	100		
115	63.8	31.8	95.4
150	161.5	0.0	343.0





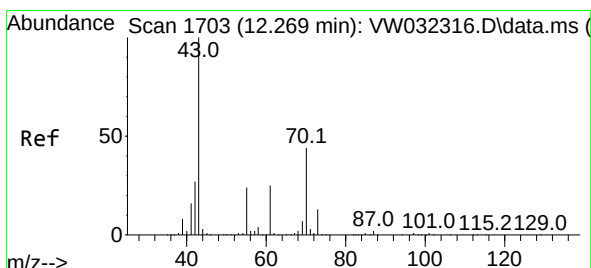
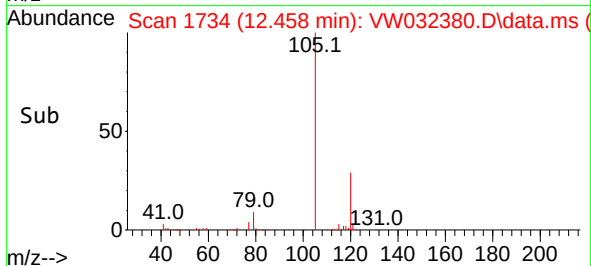
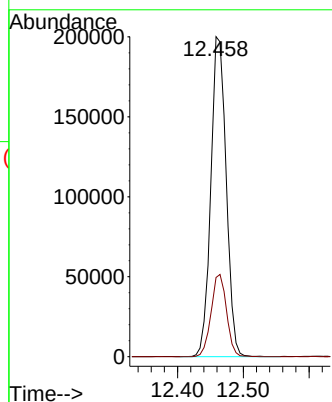
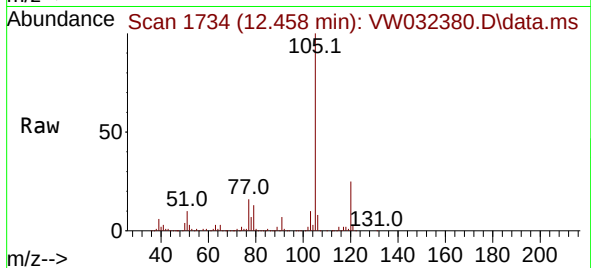
#73
Isopropylbenzene
Concen: 19.799 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion:105 Resp: 326100
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

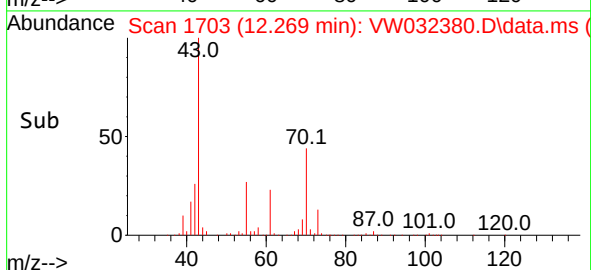
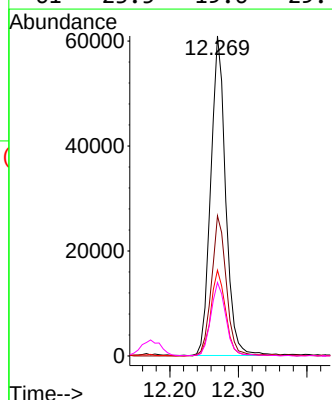
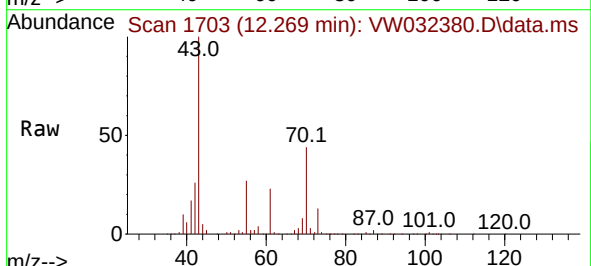
Manual Integrations
APPROVED

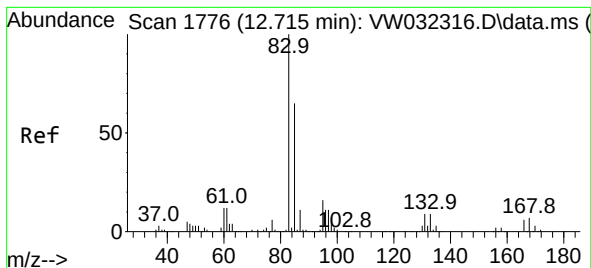
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 17.605 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

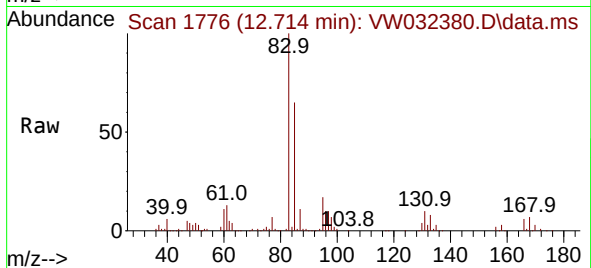
Tgt Ion: 43 Resp: 92502
Ion Ratio Lower Upper
43 100
70 43.3 35.3 52.9
55 26.7 19.9 29.9
61 23.5 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 18.908 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

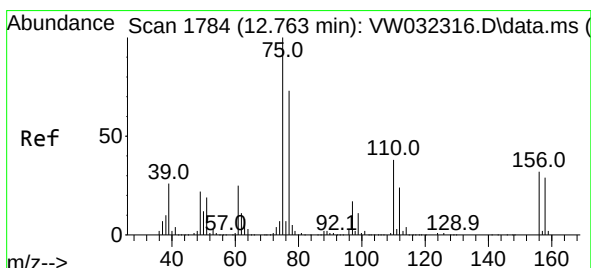
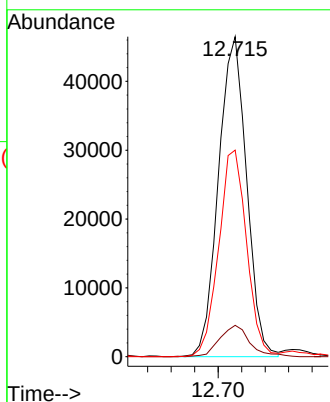
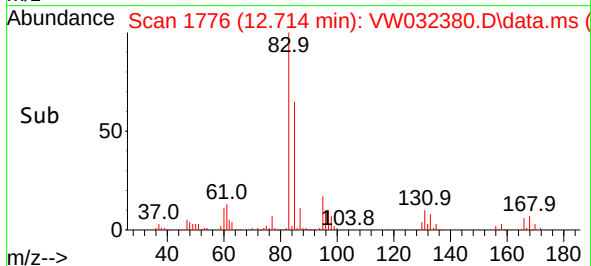
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



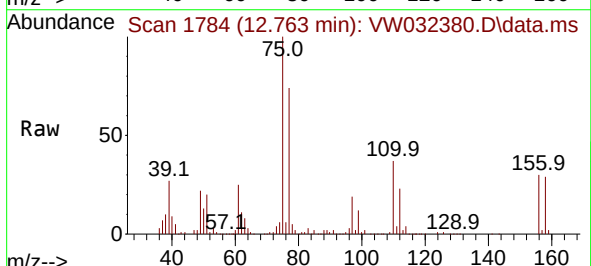
Tgt Ion: 83 Resp: 77328
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 64.1 32.2 96.6

Manual Integrations
APPROVED

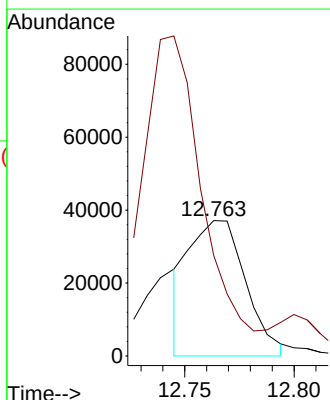
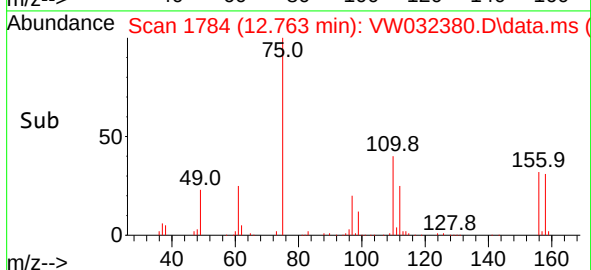
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

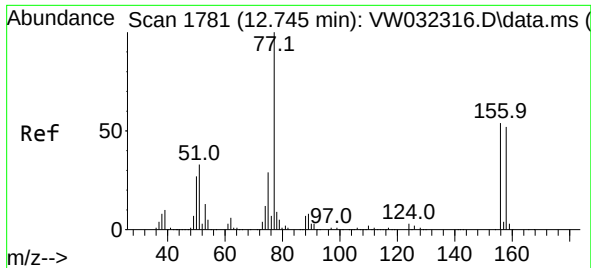


#76
1,2,3-Trichloropropane
Concen: 21.249 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



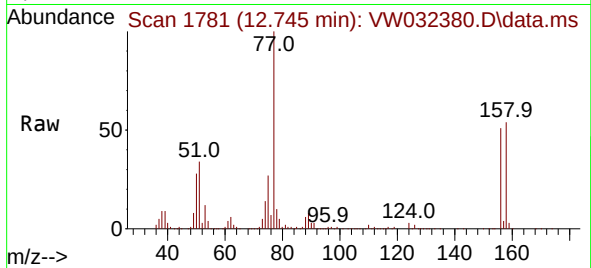
Tgt Ion: 75 Resp: 67320
Ion Ratio Lower Upper
75 100
77 252.4 141.7 425.1





#77
Bromobenzene
Concen: 20.216 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

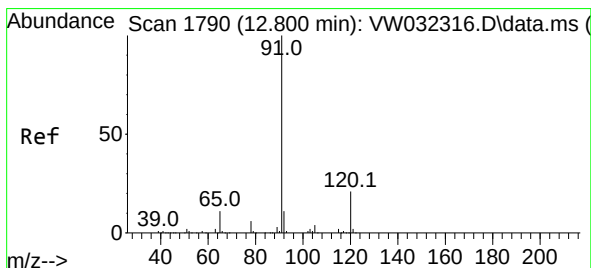
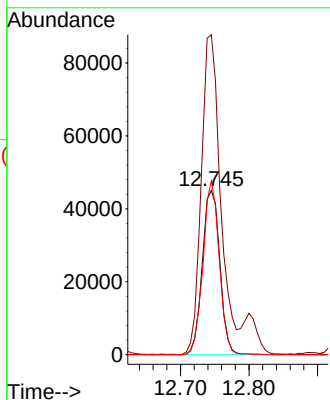
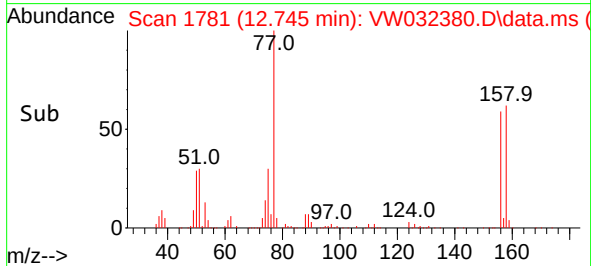
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



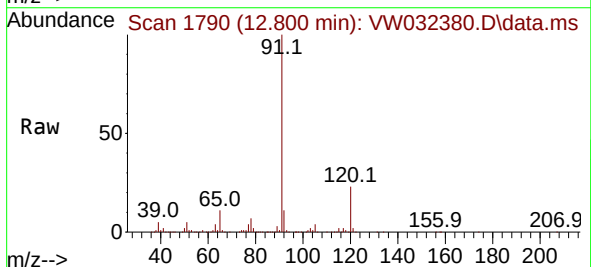
Tgt Ion:156 Resp: 80260
Ion Ratio Lower Upper
156 100
77 211.7 98.6 295.7
158 98.4 48.4 145.0

Manual Integrations
APPROVED

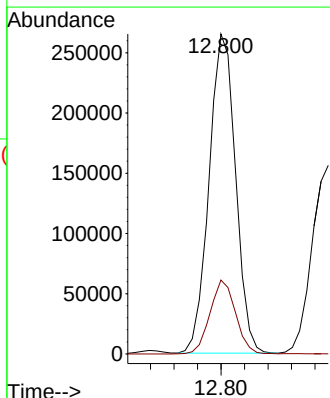
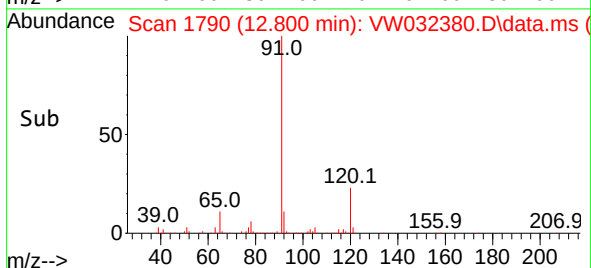
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

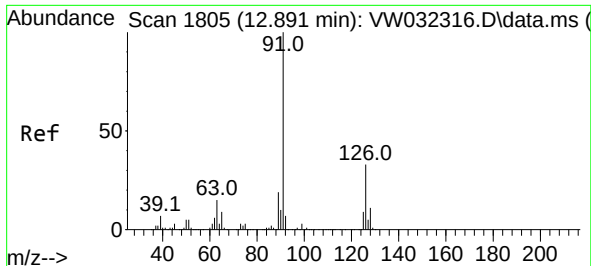


#78
n-propylbenzene
Concen: 20.190 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



Tgt Ion: 91 Resp: 415401
Ion Ratio Lower Upper
91 100
120 22.3 11.8 35.4





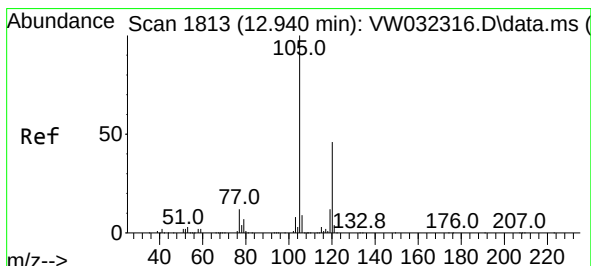
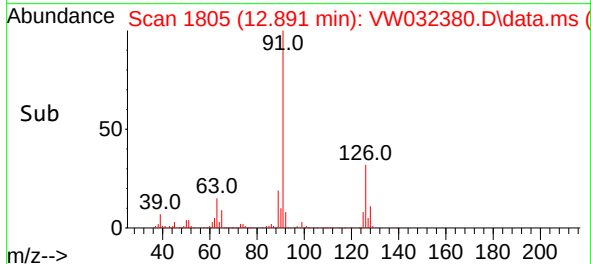
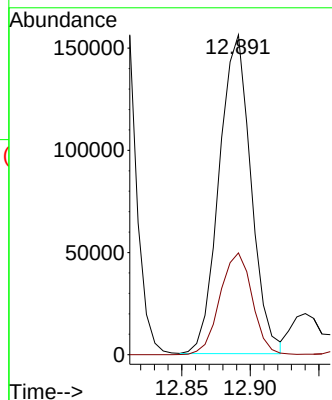
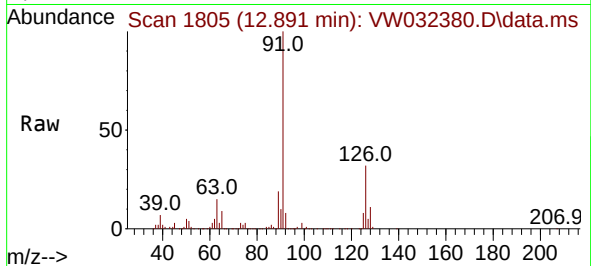
#79
2-Chlorotoluene
Concen: 20.091 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 91 Resp: 25273
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.7

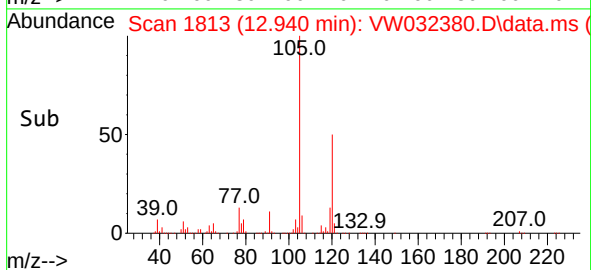
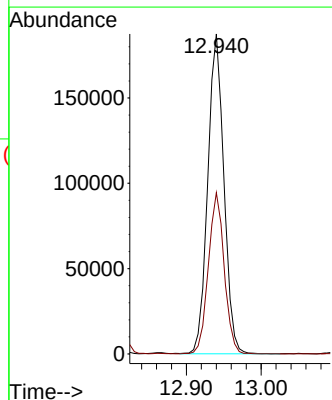
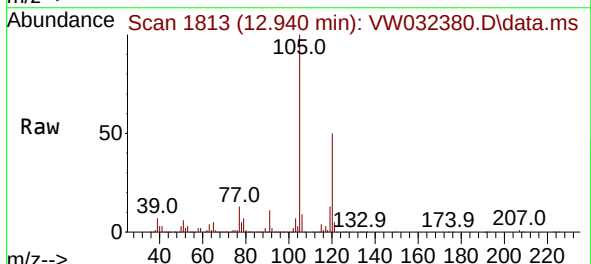
Manual Integrations
APPROVED

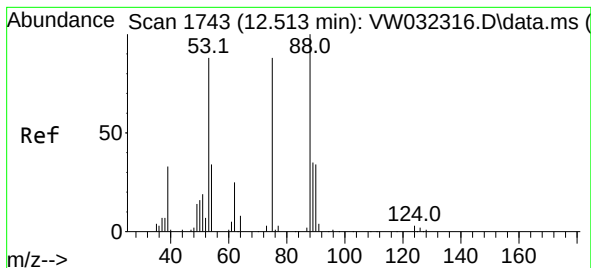
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.699 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

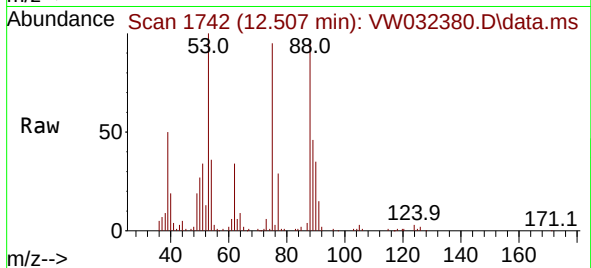
Tgt Ion:105 Resp: 280554
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.233 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

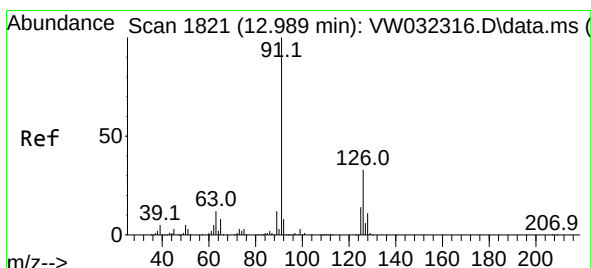
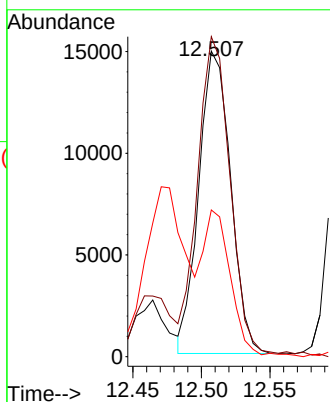
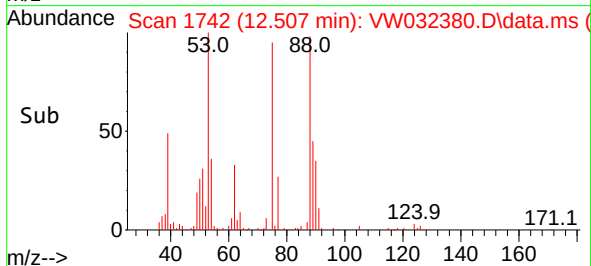
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 75 Resp: 24052
Ion Ratio Lower Upper
75 100
53 106.3 91.0 136.6
89 42.6 39.4 59.2

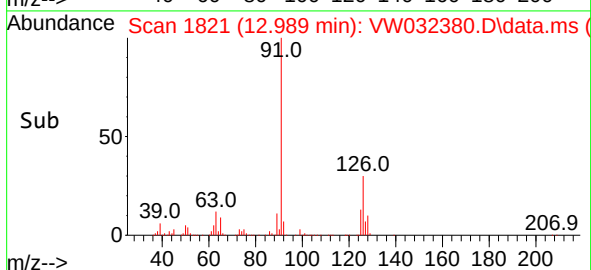
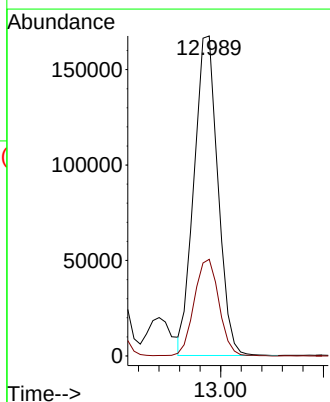
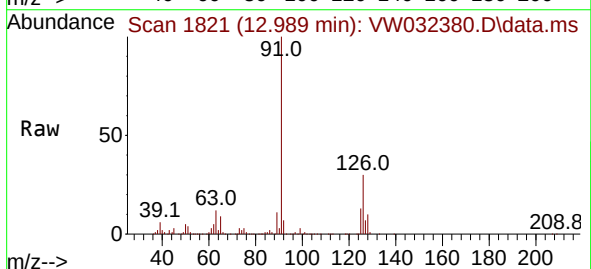
Manual Integrations
APPROVED

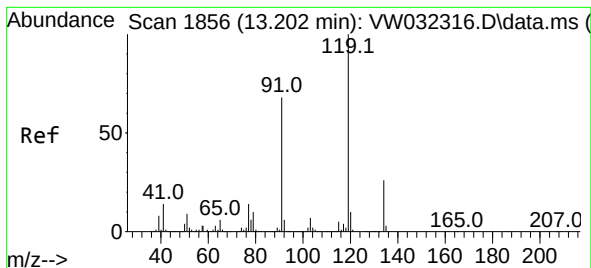
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 20.239 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

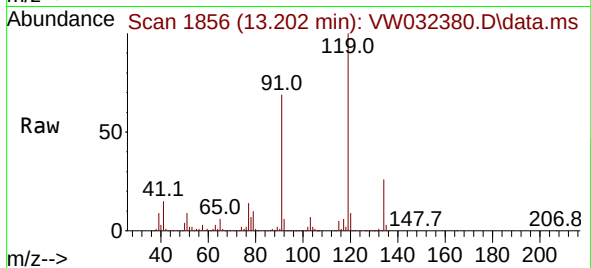
Tgt Ion: 91 Resp: 270686
Ion Ratio Lower Upper
91 100
126 31.4 16.1 48.2





#83
tert-Butylbenzene
Concen: 19.400 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

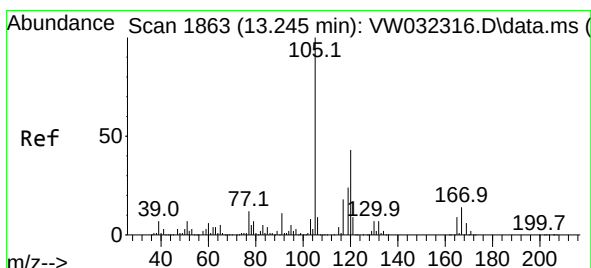
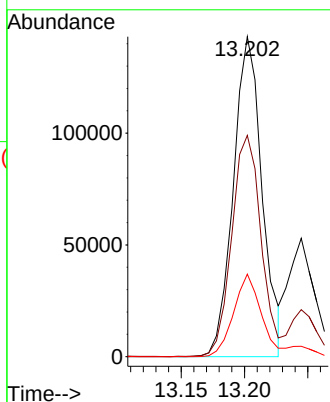
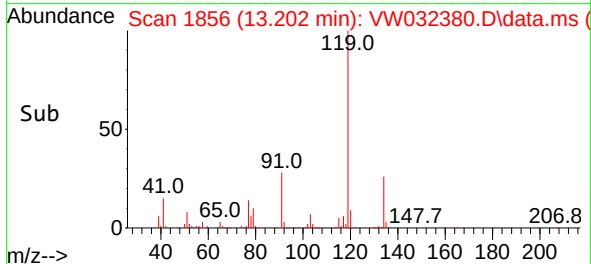
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



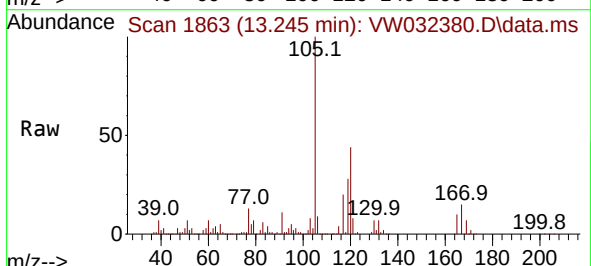
Tgt Ion:119 Resp: 226702
Ion Ratio Lower Upper
119 100
91 70.3 33.8 101.3
134 25.0 12.5 37.5

Manual Integrations
APPROVED

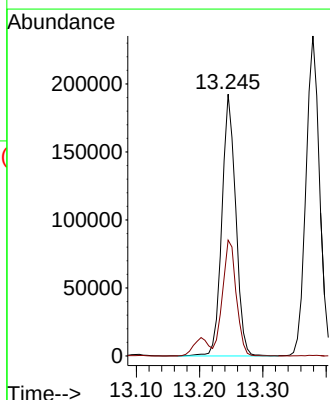
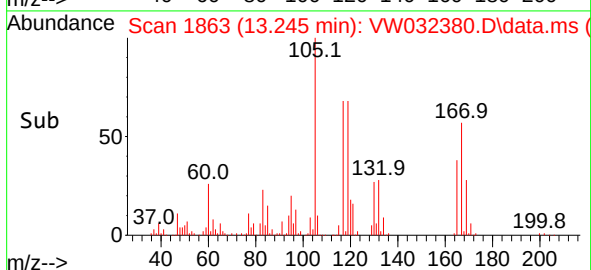
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

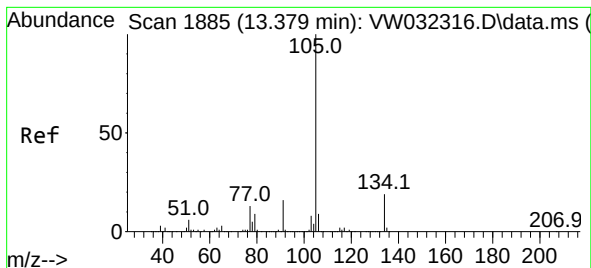


#84
1,2,4-Trimethylbenzene
Concen: 20.046 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



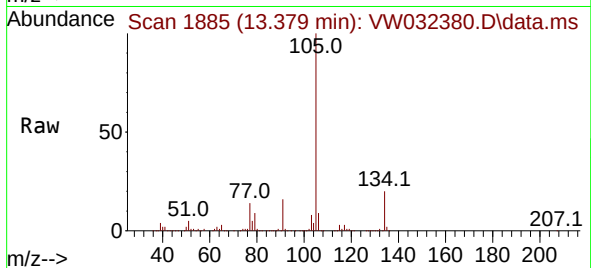
Tgt Ion:105 Resp: 290311
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 19.609 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032380.D
 Acq: 20 Oct 2025 11:41

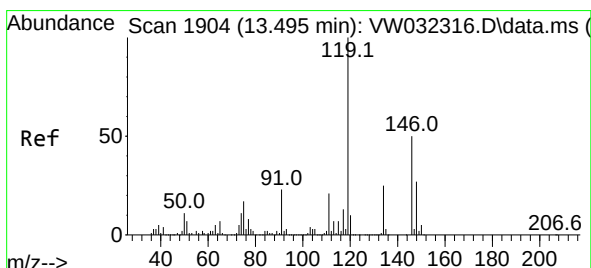
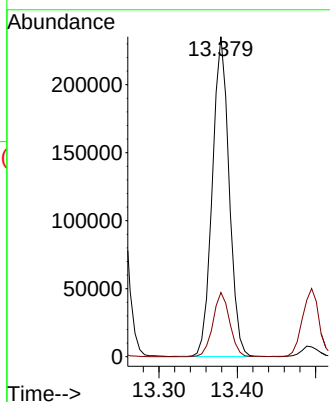
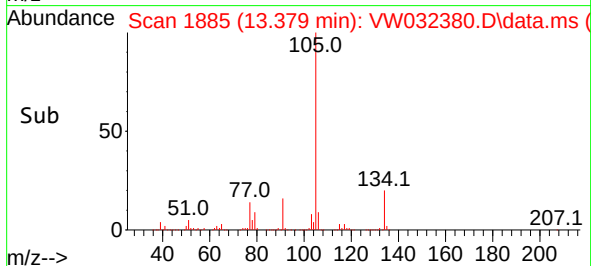
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01



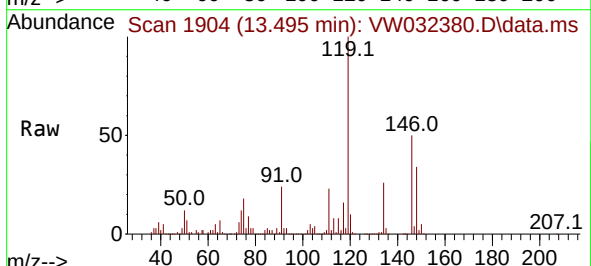
Tgt Ion:105 Resp: 350178
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations
 APPROVED

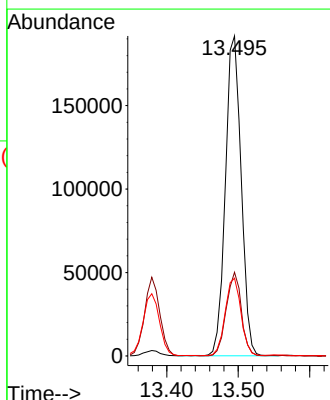
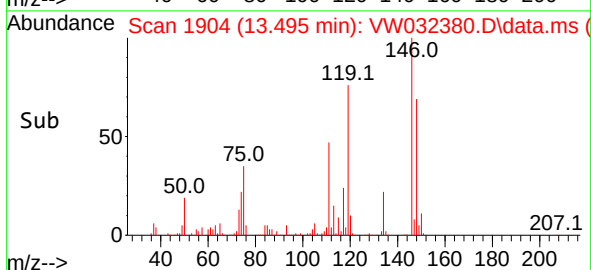
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

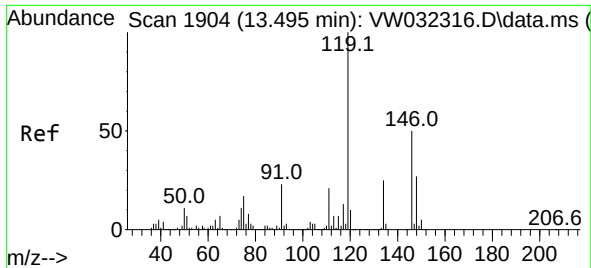


#86
 p-Isopropyltoluene
 Concen: 19.788 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032380.D
 Acq: 20 Oct 2025 11:41



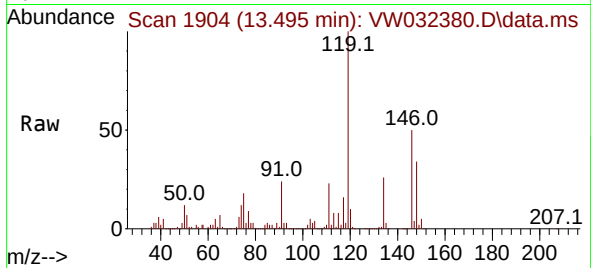
Tgt Ion:119 Resp: 293214
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.6
 91 24.4 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 20.398 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

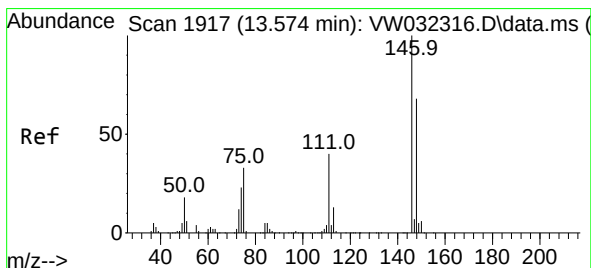
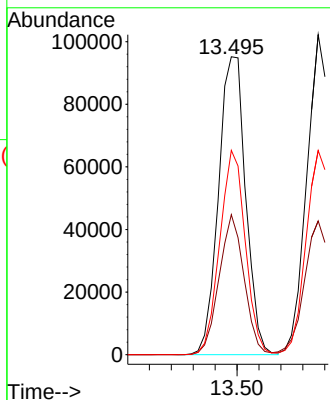
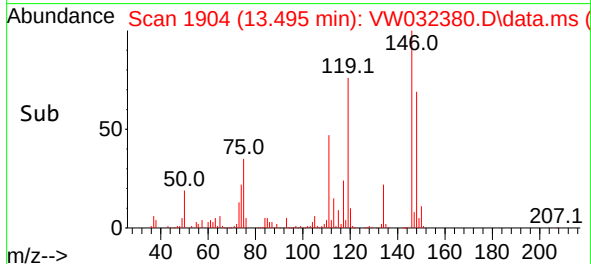
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



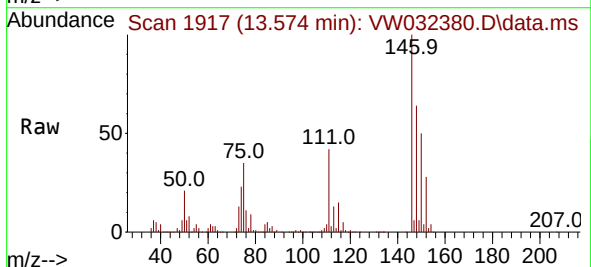
Tgt Ion:146 Resp: 163992
Ion Ratio Lower Upper
146 100
111 43.1 20.6 61.9
148 64.5 30.6 92.0

Manual Integrations
APPROVED

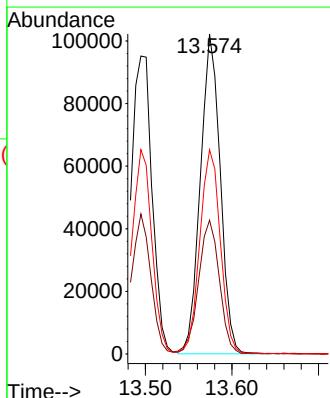
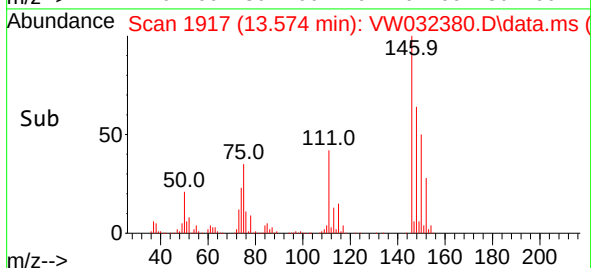
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

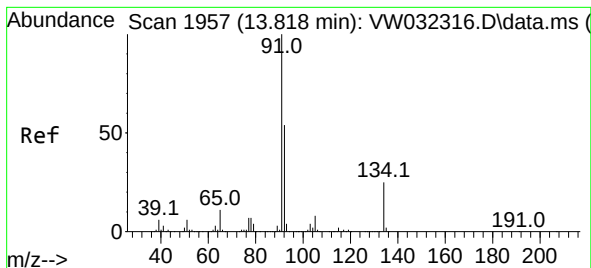


#88
1,4-Dichlorobenzene
Concen: 20.268 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



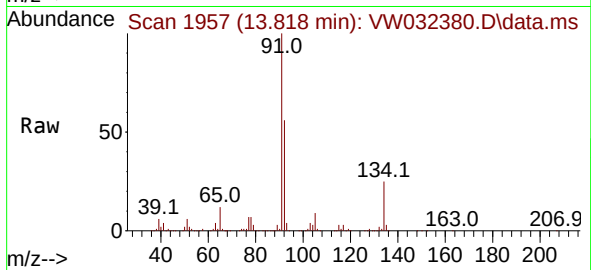
Tgt Ion:146 Resp: 162933
Ion Ratio Lower Upper
146 100
111 43.9 21.3 63.7
148 65.4 33.4 100.1





#89
n-Butylbenzene
Concen: 19.717 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

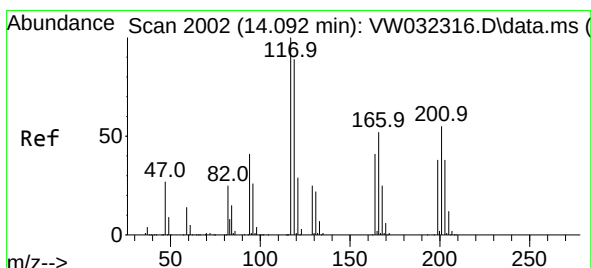
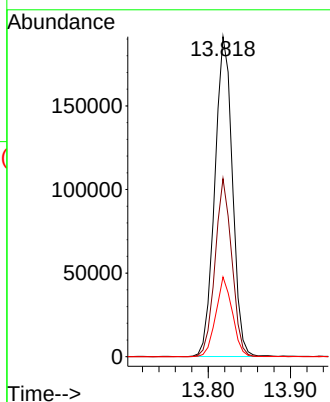
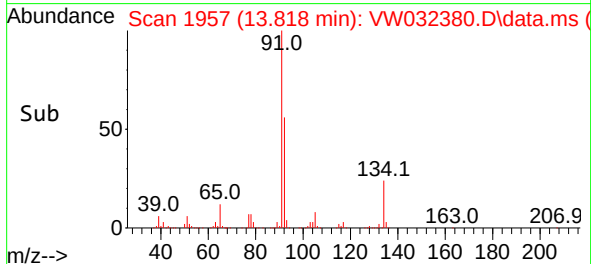
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 91 Resp: 285250
Ion Ratio Lower Upper
91 100
92 52.8 27.0 81.0
134 23.4 13.1 39.3

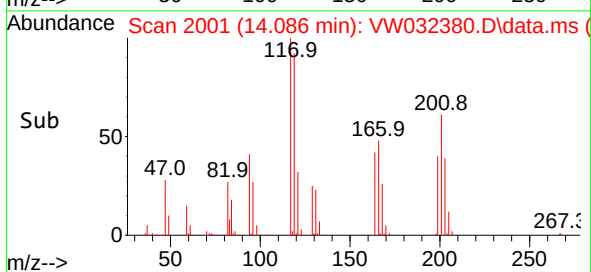
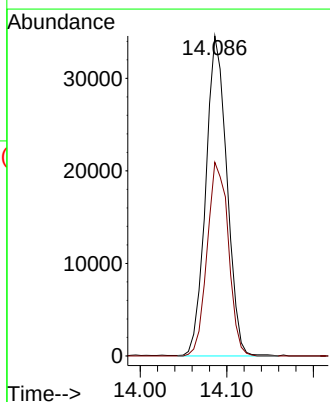
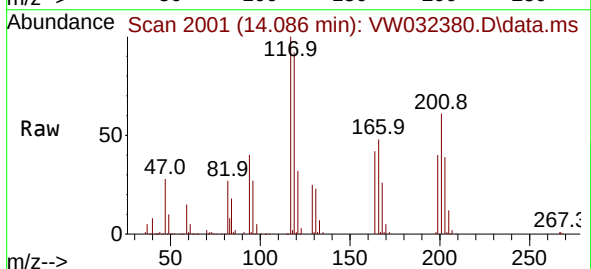
Manual Integrations
APPROVED

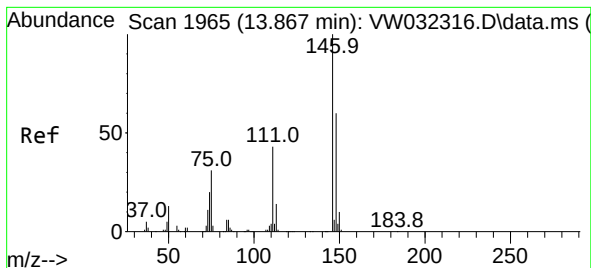
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#90
Hexachloroethane
Concen: 22.085 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

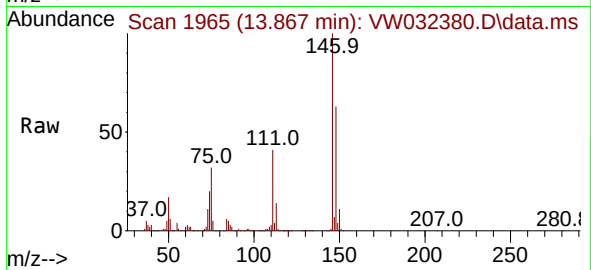
Tgt Ion:117 Resp: 58655
Ion Ratio Lower Upper
117 100
201 60.6 32.8 98.4





#91
1,2-Dichlorobenzene
Concen: 19.964 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

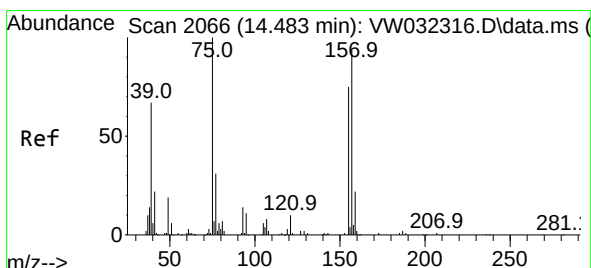
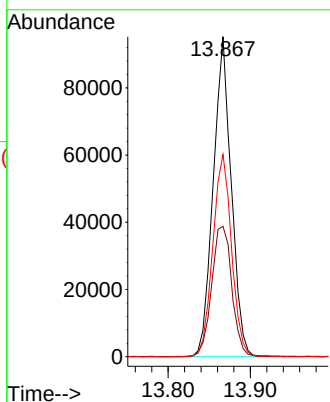
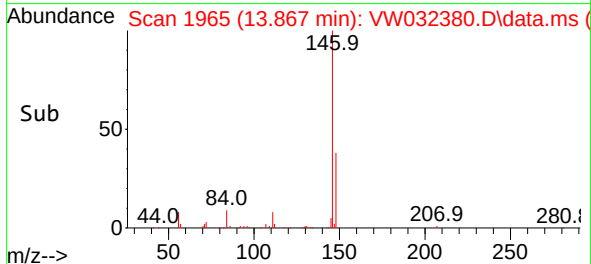
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



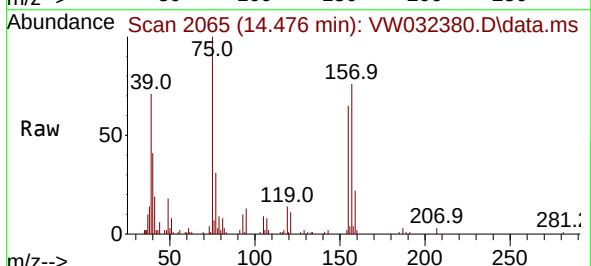
Tgt Ion:146 Resp: 14508
Ion Ratio Lower Upper
146 100
111 45.5 23.4 70.0
148 65.7 34.1 102.3

Manual Integrations
APPROVED

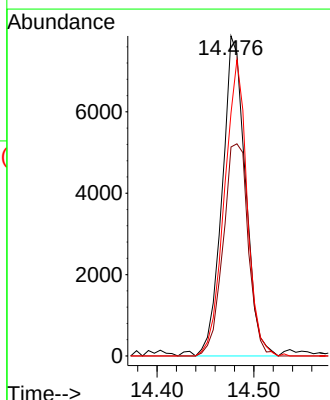
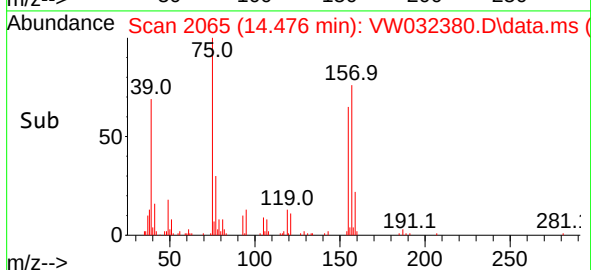
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

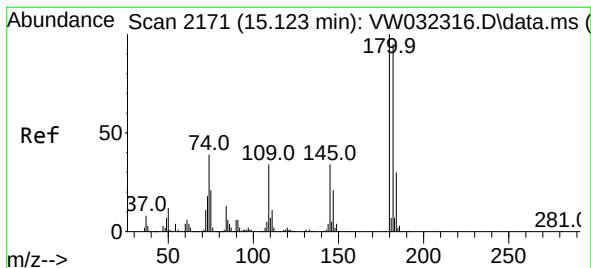


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.371 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41



Tgt Ion: 75 Resp: 13154
Ion Ratio Lower Upper
75 100
155 71.5 40.8 122.5
157 89.9 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 19.198 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

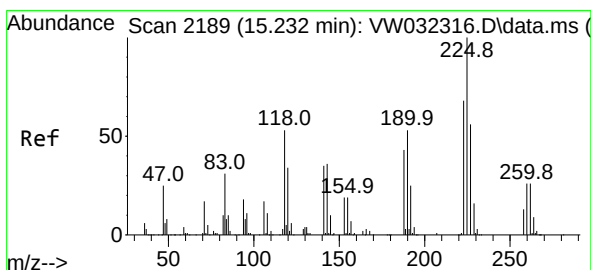
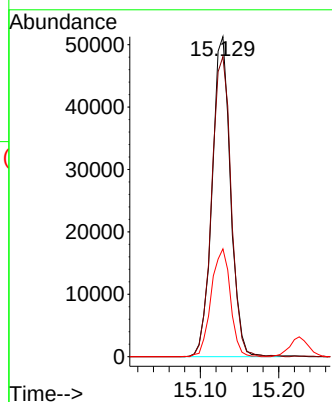
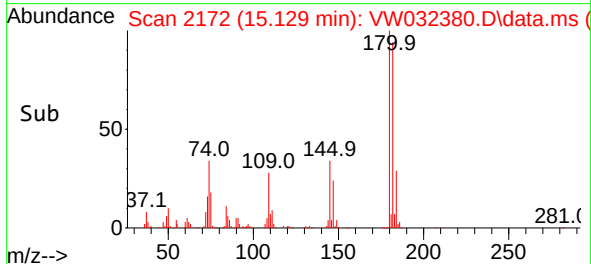
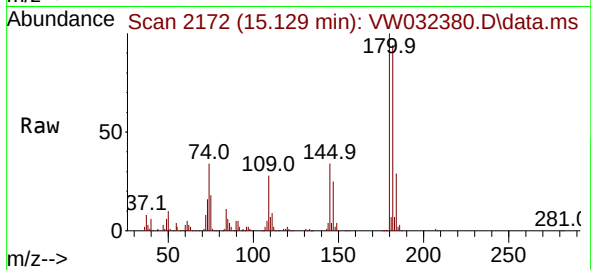
Tgt Ion:	180	Resp:	8366
Ion Ratio	Lower	Upper	
180	100		
182	98.4	47.4	142.2
145	35.2	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 20.200 ug/l

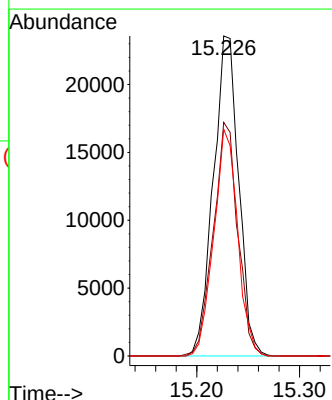
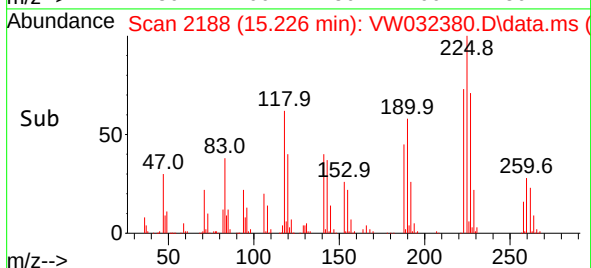
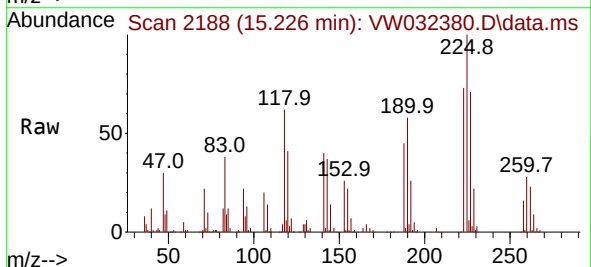
RT: 15.226 min Scan# 2188

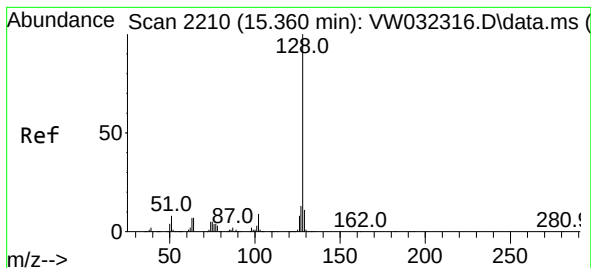
Delta R.T. -0.000 min

Lab File: VW032380.D

Acq: 20 Oct 2025 11:41

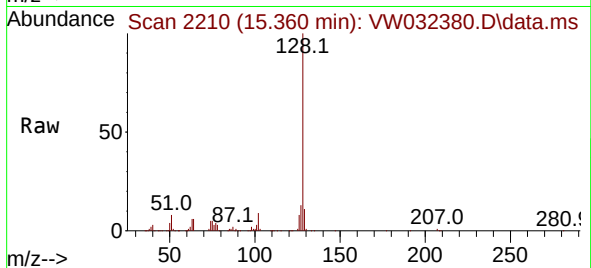
Tgt Ion:	225	Resp:	40248
Ion Ratio	Lower	Upper	
225	100		
223	70.5	29.8	89.3
227	66.8	30.5	91.5





#95
Naphthalene
Concen: 17.083 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

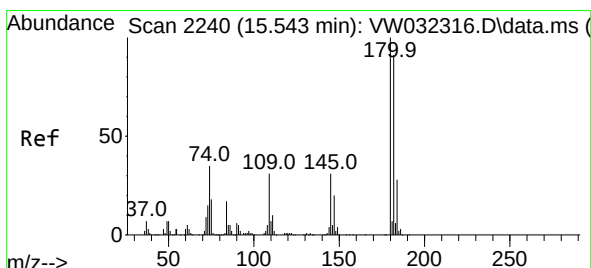
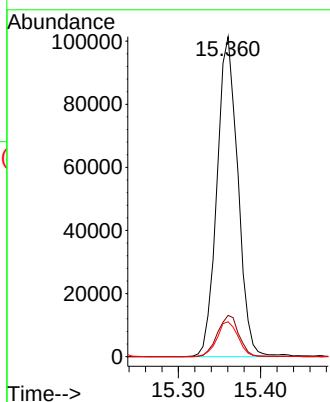
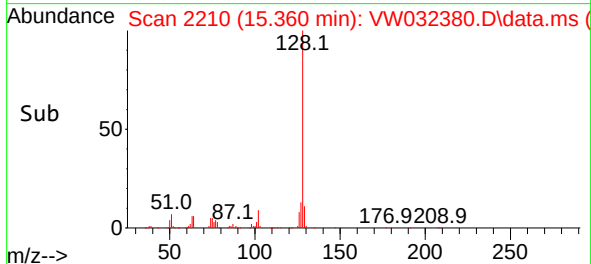
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion:128 Resp: 178782
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.048 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032380.D
Acq: 20 Oct 2025 11:41

Tgt Ion:180 Resp: 78242
Ion Ratio Lower Upper
180 100
182 92.9 47.7 143.1
145 35.1 17.2 51.6

