

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032381.D
 Acq On : 20 Oct 2025 12:03
 Operator : SY/MD
 Sample : VW1020SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 01:24:37 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	280654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	507546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	481210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	239754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	217533	53.141	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 106.280%			
35) Dibromofluoromethane	7.898	113	179061	54.477	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 108.960%			
50) Toluene-d8	10.325	98	661666	54.542	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 109.080%			
62) 4-Bromofluorobenzene	12.617	95	242303	52.844	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 105.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	38260	21.725	ug/l	90
3) Chloromethane	2.259	50	54381	20.012	ug/l	99
4) Vinyl Chloride	2.405	62	69484	21.417	ug/l	99
5) Bromomethane	2.820	94	51628	21.655	ug/l	94
6) Chloroethane	2.966	64	46314	21.623	ug/l	99
7) Trichlorofluoromethane	3.308	101	52367	21.558	ug/l	97
8) Diethyl Ether	3.722	74	45743	21.732	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.100	101	59942	20.574	ug/l	95
10) Methyl Iodide	4.301	142	94105	22.637	ug/l	98
11) Tert butyl alcohol	5.222	59	29901	96.501	ug/l	100
12) 1,1-Dichloroethene	4.082	96	68420	21.631	ug/l	95
13) Acrolein	3.936	56	35875	71.340	ug/l	97
14) Allyl chloride	4.704	41	111568	20.883	ug/l	90
15) Acrylonitrile	5.405	53	118234	107.973	ug/l	98
16) Acetone	4.161	43	129324	114.096	ug/l	100
17) Carbon Disulfide	4.423	76	186017	21.554	ug/l	98
18) Methyl Acetate	4.710	43	67884	20.907	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	132675	21.297	ug/l	96
20) Methylene Chloride	4.954	84	85418	19.504	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	75118	21.451	ug/l	93
22) Diisopropyl ether	6.344	45	237926	21.414	ug/l	94
23) Vinyl Acetate	6.283	43	795696	107.218	ug/l	99
24) 1,1-Dichloroethane	6.246	63	145116	21.498	ug/l	99
25) 2-Butanone	7.197	43	163261	105.758	ug/l	97
26) 2,2-Dichloropropane	7.185	77	80056	23.186	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	89110	21.181	ug/l	93
28) Bromochloromethane	7.532	49	68220	21.481	ug/l	88
29) Tetrahydrofuran	7.551	42	101574	104.629	ug/l	97
30) Chloroform	7.697	83	154033	22.500	ug/l	98
31) Cyclohexane	7.971	56	113240	19.650	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	108696	22.406	ug/l	99
36) 1,1-Dichloropropene	8.099	75	99568	21.464	ug/l	97
37) Ethyl Acetate	7.270	43	69858	22.625	ug/l	99
38) Carbon Tetrachloride	8.087	117	97363	22.304	ug/l	99
39) Methylcyclohexane	9.343	83	108498	19.391	ug/l	91
40) Benzene	8.337	78	317626	21.845	ug/l	96

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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	7.502	41	35802	21.516	ug/l	92
42) 1,2-Dichloroethane	8.410	62	104797	22.027	ug/l	99
43) Isopropyl Acetate	8.441	43	119189	21.760	ug/l	99
44) Trichloroethene	9.105	130	74572	21.903	ug/l	87
45) 1,2-Dichloropropane	9.374	63	80449	22.167	ug/l	99
46) Dibromomethane	9.465	93	51190	22.938	ug/l	96
47) Bromodichloromethane	9.654	83	117508	23.021	ug/l	98
48) Methyl methacrylate	9.441	41	57356	21.537	ug/l	94
49) 1,4-Dioxane	9.471	88	13587	445.427	ug/l #	79
51) 4-Methyl-2-Pentanone	10.215	43	354720	111.810	ug/l	98
52) Toluene	10.392	92	203658	22.492	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	111694	22.555	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	125815	22.056	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	67523	22.638	ug/l	95
56) Ethyl methacrylate	10.648	69	88799	21.270	ug/l	95
57) 1,3-Dichloropropane	10.934	76	116984	22.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	228377	102.786	ug/l	94
59) 2-Hexanone	10.971	43	256232	114.515	ug/l	98
60) Dibromochloromethane	11.129	129	80852	23.873	ug/l	99
61) 1,2-Dibromoethane	11.239	107	66335	22.808	ug/l	100
64) Tetrachloroethene	10.867	164	62577	21.732	ug/l	94
65) Chlorobenzene	11.654	112	225826	21.329	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	74057	22.457	ug/l	96
67) Ethyl Benzene	11.727	91	364394	20.647	ug/l	99
68) m/p-Xylenes	11.837	106	287294	42.215	ug/l	100
69) o-Xylene	12.166	106	131683	20.691	ug/l	97
70) Styrene	12.178	104	242035	21.782	ug/l	97
71) Bromoform	12.349	173	44334	23.454	ug/l #	100
73) Isopropylbenzene	12.458	105	324846	19.804	ug/l	100
74) N-amyl acetate	12.269	43	109272	20.882	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	88855	21.817	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	65188m	20.661	ug/l	
77) Bromobenzene	12.745	156	84499	21.370	ug/l	90
78) n-propylbenzene	12.800	91	420117	20.504	ug/l	96
79) 2-Chlorotoluene	12.891	91	258195	20.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	292510	20.623	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	28345	22.759	ug/l	91
82) 4-Chlorotoluene	12.983	91	277521	20.836	ug/l	99
83) tert-Butylbenzene	13.202	119	232552	19.983	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	302270	20.959	ug/l	99
85) sec-Butylbenzene	13.379	105	358589	20.163	ug/l	98
86) p-Isopropyltoluene	13.495	119	297141	20.136	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	171969	21.478	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	168290	21.021	ug/l	98
89) n-Butylbenzene	13.818	91	291522	20.234	ug/l	98
90) Hexachloroethane	14.086	117	61557	23.273	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	154465	21.342	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16422	23.030	ug/l	83
93) 1,2,4-Trichlorobenzene	15.129	180	87912	20.256	ug/l	94
94) Hexachlorobutadiene	15.232	225	43154	21.748	ug/l	96
95) Naphthalene	15.360	128	208869	20.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	85615	20.929	ug/l	100

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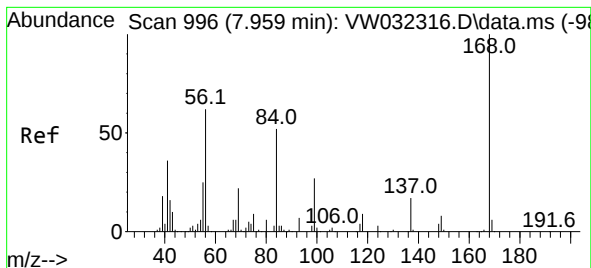
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 10/21/2025

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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

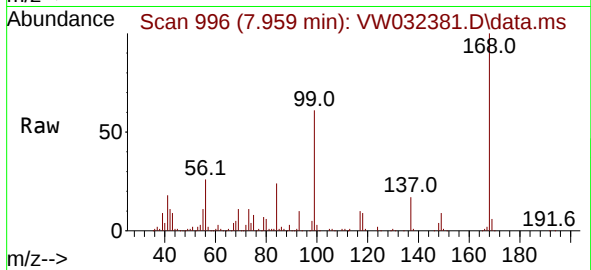
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032381.D
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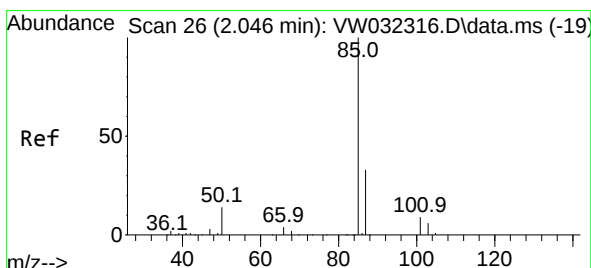
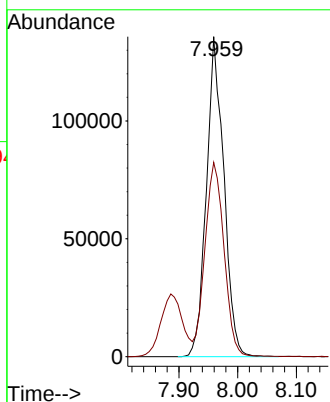
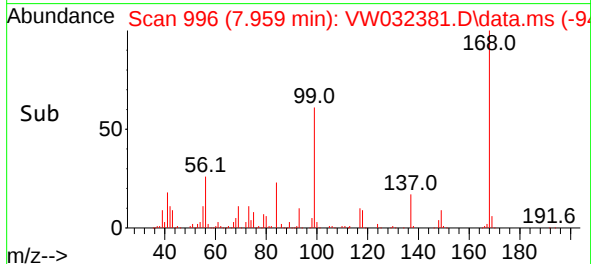
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion:168 Resp: 280654
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9

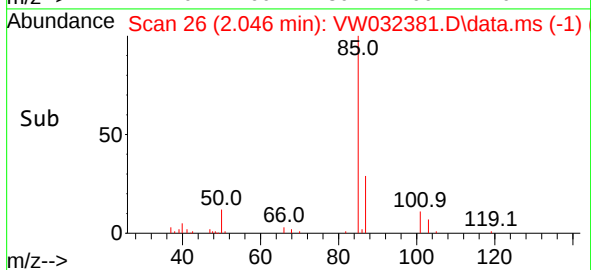
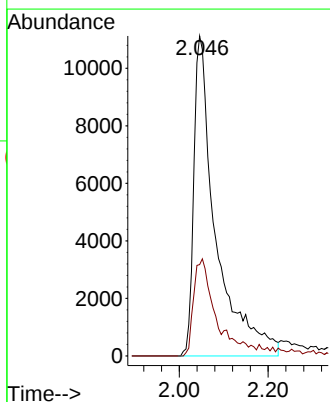
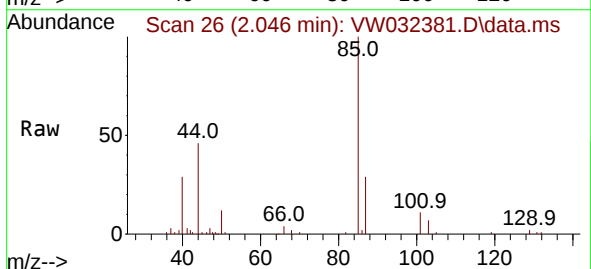
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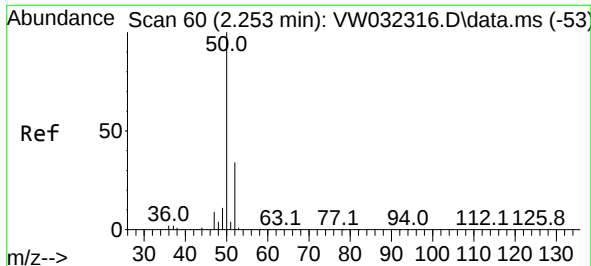
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 21.725 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

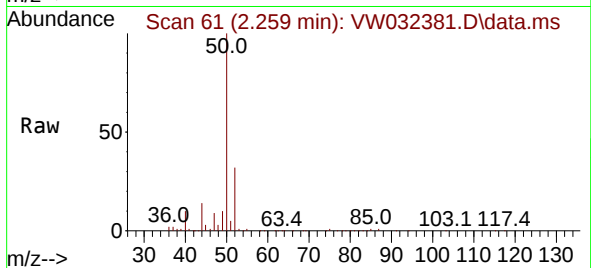
Tgt Ion: 85 Resp: 38260
Ion Ratio Lower Upper
85 100
87 28.5 17.2 51.6





#3
Chloromethane
Concen: 20.012 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

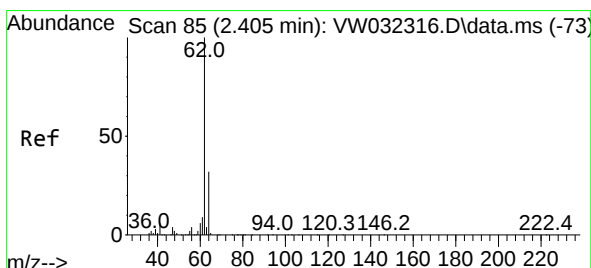
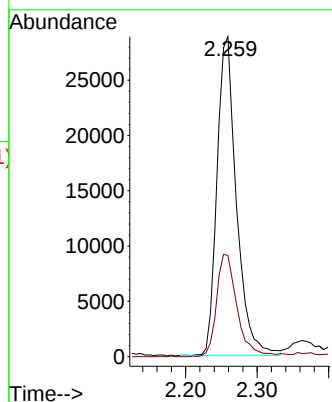
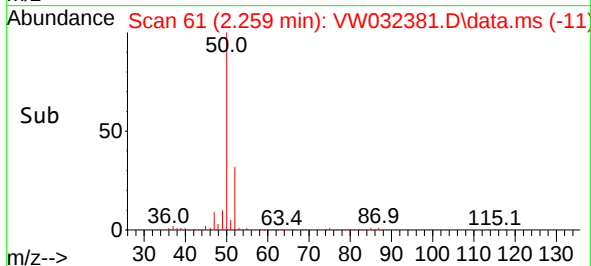
Instrument :
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Tgt Ion: 50 Resp: 5438
Ion Ratio Lower Upper
50 100
52 31.8 26.1 39.1

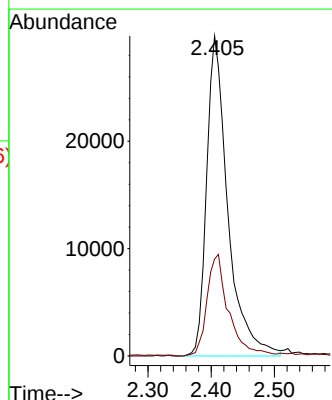
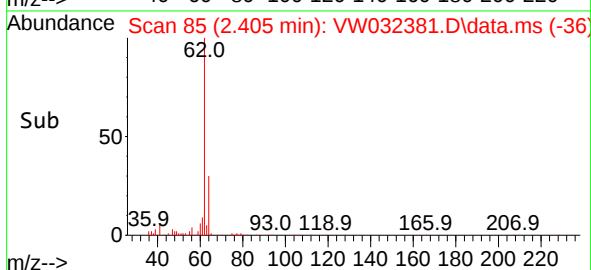
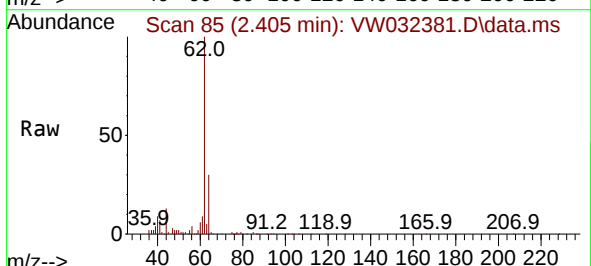
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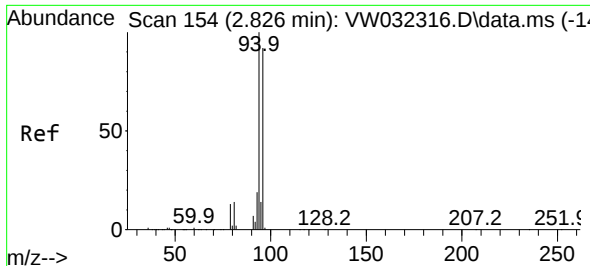
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 21.417 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

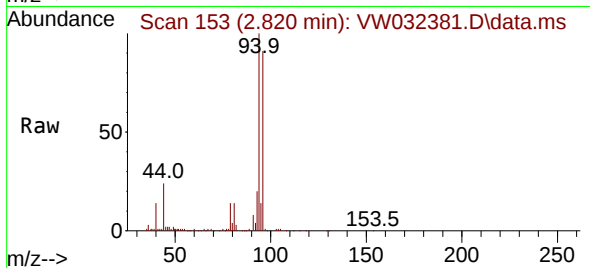
Tgt Ion: 62 Resp: 69484
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2





#5
Bromomethane
Concen: 21.655 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

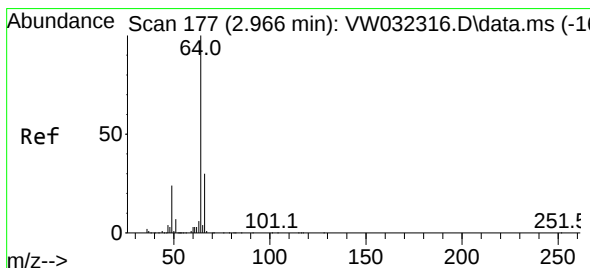
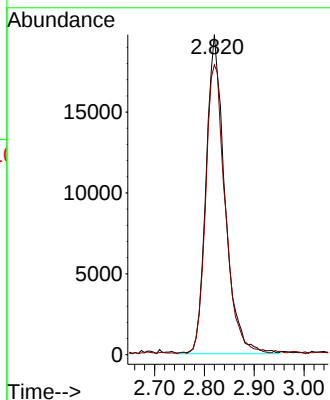
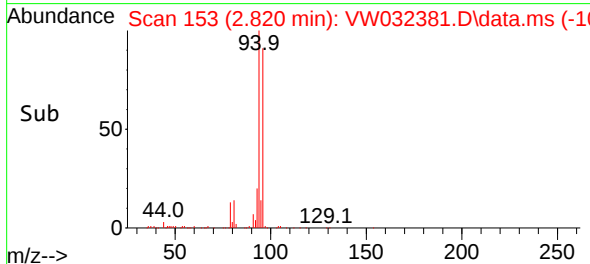
Instrument :
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Tgt Ion: 94 Resp: 51628
Ion Ratio Lower Upper
94 100
96 90.3 76.6 115.0

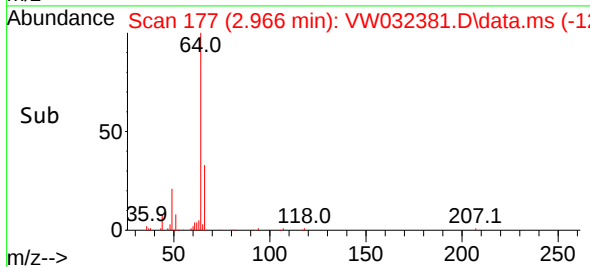
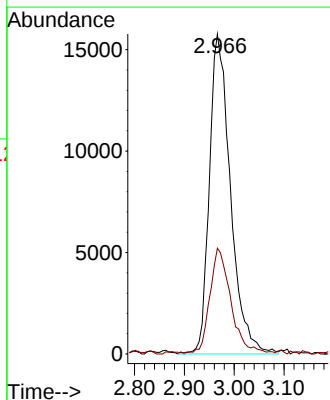
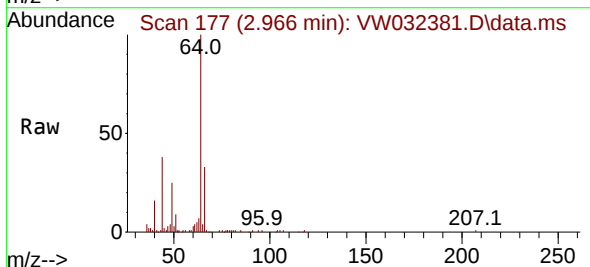
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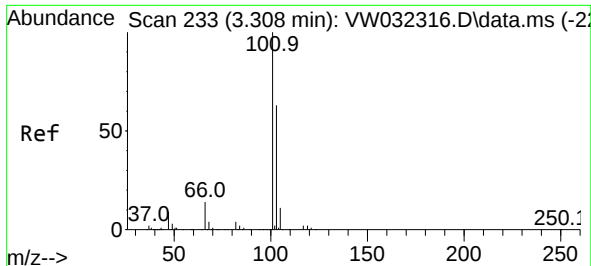
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#6
Chloroethane
Concen: 21.623 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

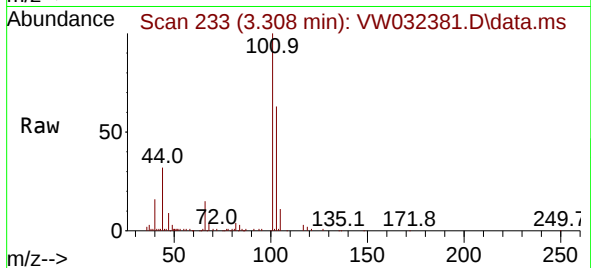
Tgt Ion: 64 Resp: 46314
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.558 ug/l
RT: 3.308 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

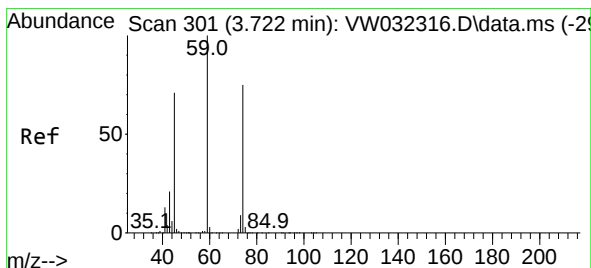
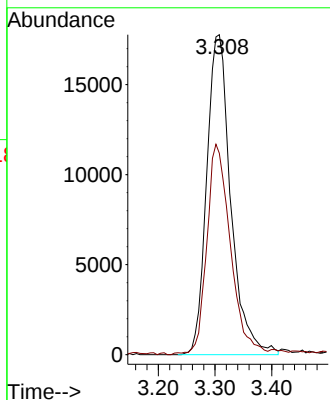
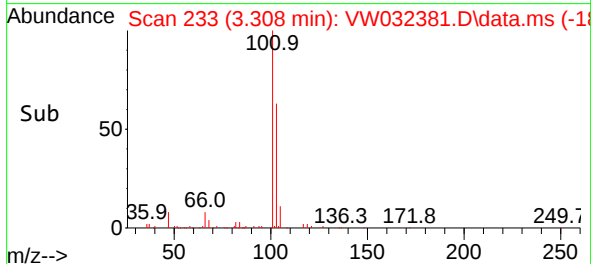
Instrument :
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Tgt Ion:101 Resp: 5236
Ion Ratio Lower Upper
101 100
103 62.3 47.8 71.8

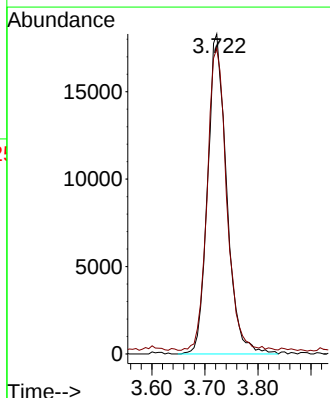
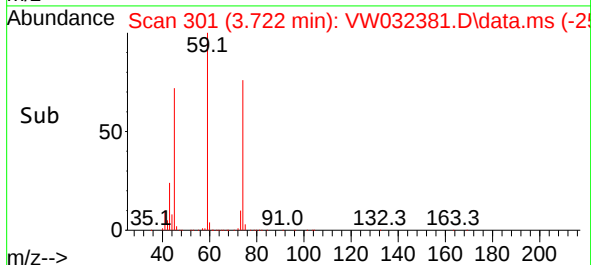
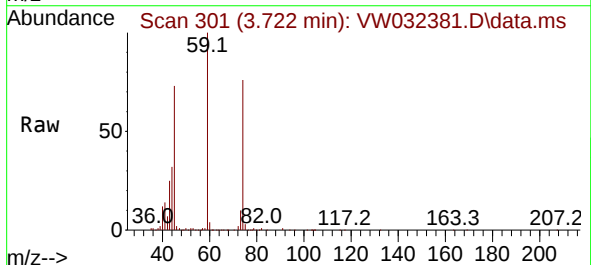
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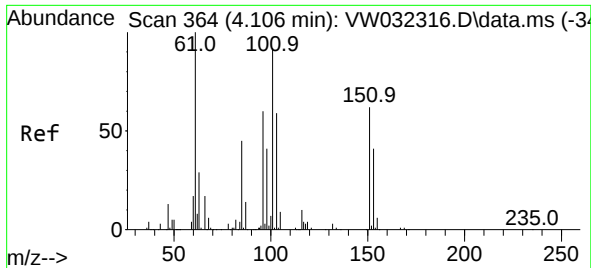
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 21.732 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 74 Resp: 45743
Ion Ratio Lower Upper
74 100
45 96.4 43.1 129.4





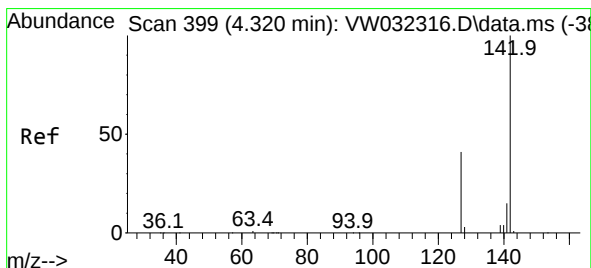
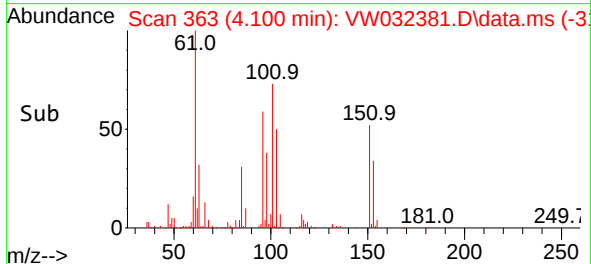
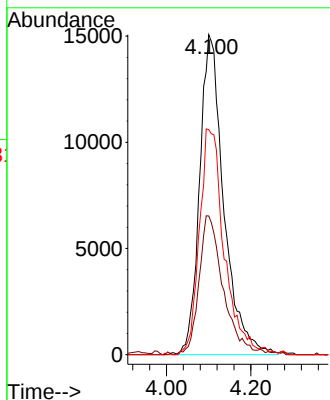
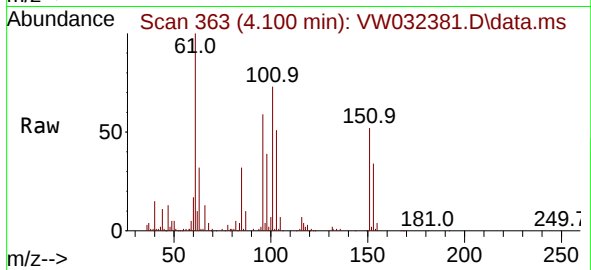
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.574 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

Tgt Ion:101 Resp: 5994
Ion Ratio Lower Upper
101 100
85 43.1 37.1 55.7
151 72.1 61.5 92.3

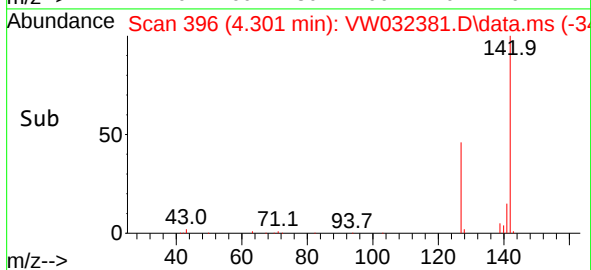
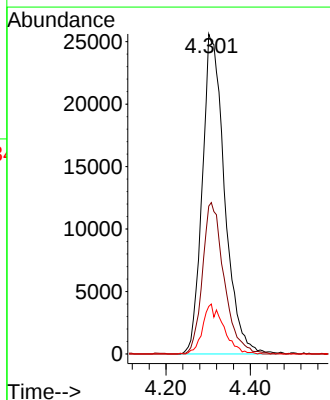
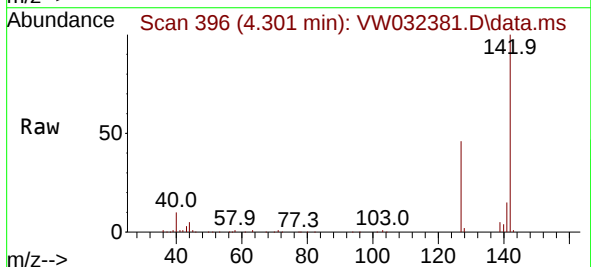
Manual Integrations
APPROVED

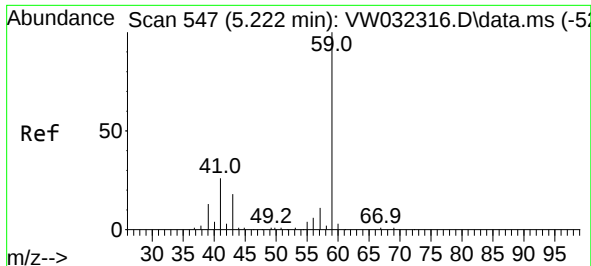
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 22.637 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

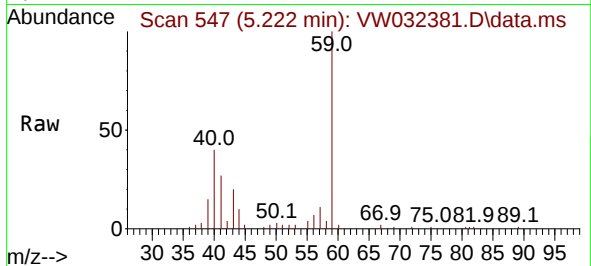
Tgt Ion:142 Resp: 94105
Ion Ratio Lower Upper
142 100
127 46.0 38.2 57.2
141 14.7 12.2 18.2





#11
Tert butyl alcohol
Concen: 96.501 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

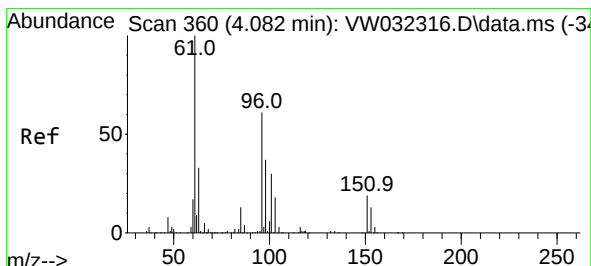
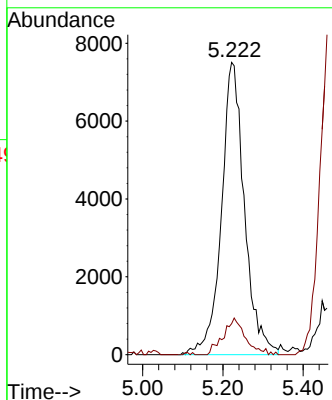
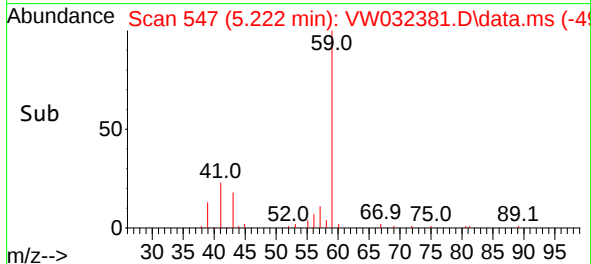
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 59 Resp: 2990
Ion Ratio Lower Upper
59 100
57 12.1 9.8 14.6

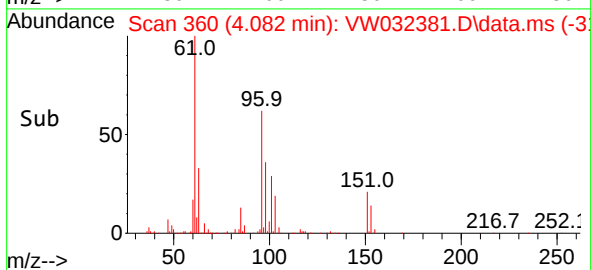
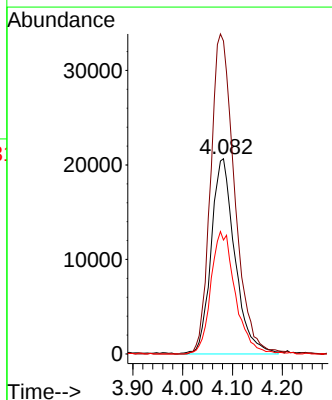
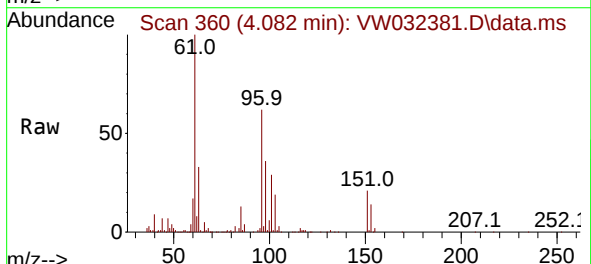
Manual Integrations
APPROVED

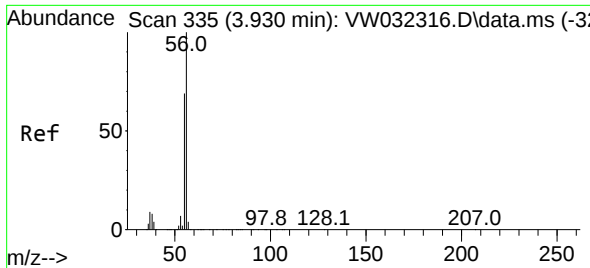
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#12
1,1-Dichloroethene
Concen: 21.631 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

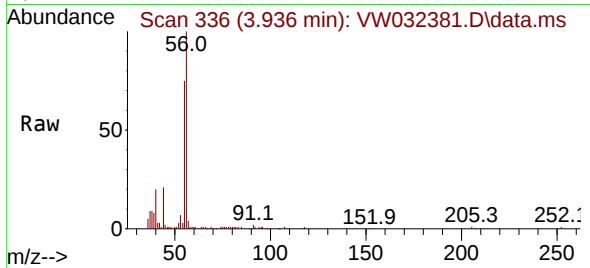
Tgt Ion: 96 Resp: 68420
Ion Ratio Lower Upper
96 100
61 160.3 123.0 184.4
98 58.3 48.5 72.7





#13
Acrolein
Concen: 71.340 ug/l
RT: 3.936 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

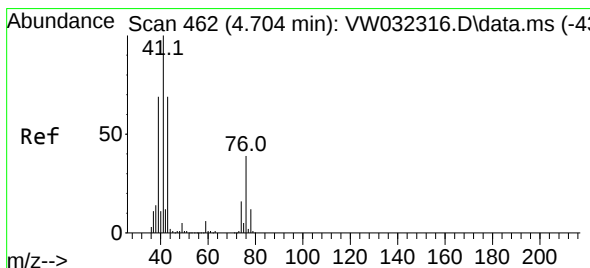
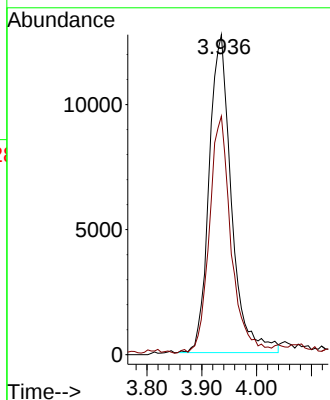
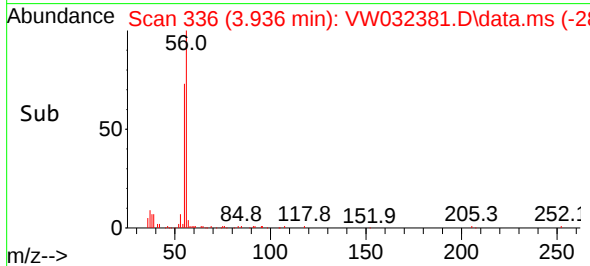
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



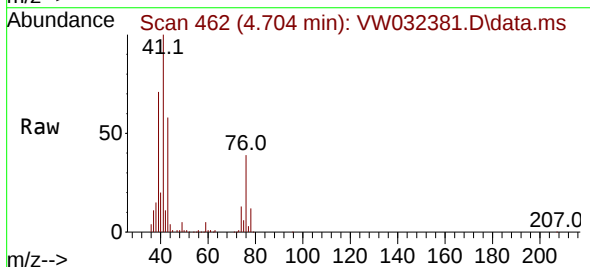
Tgt Ion: 56 Resp: 3587
Ion Ratio Lower Upper
56 100
55 72.8 56.4 84.6

Manual Integrations
APPROVED

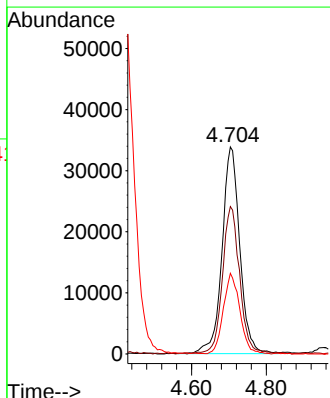
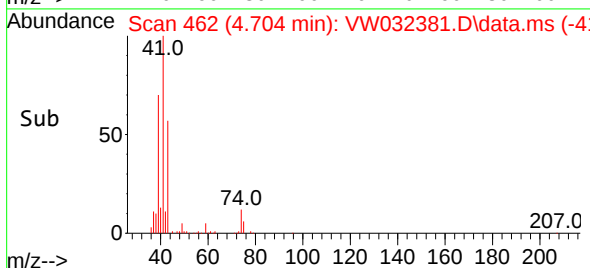
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

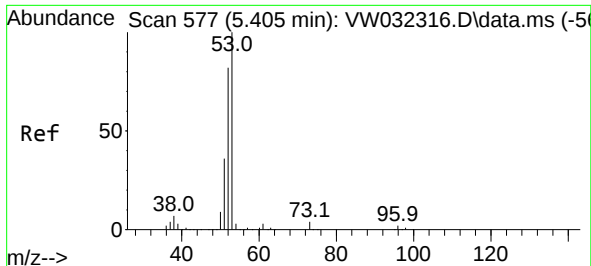


#14
Allyl chloride
Concen: 20.883 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



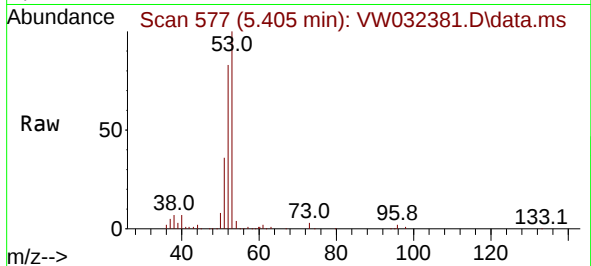
Tgt Ion: 41 Resp: 111568
Ion Ratio Lower Upper
41 100
39 69.4 64.1 96.1
76 36.4 31.4 47.2





#15
Acrylonitrile
Concen: 107.973 ug/l
RT: 5.405 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

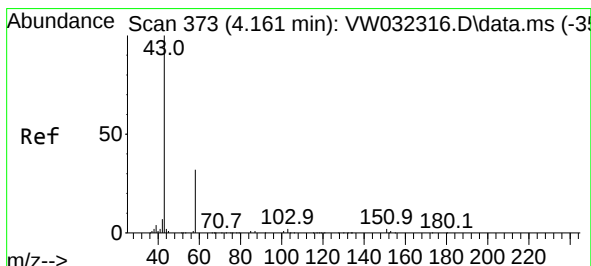
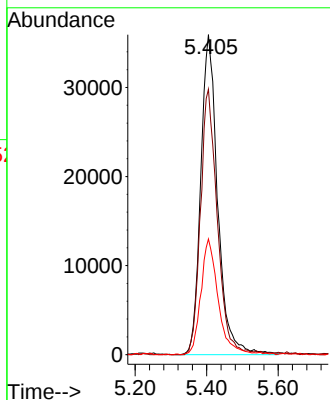
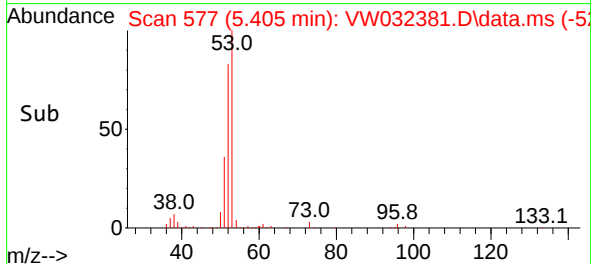
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 53 Resp: 118234
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.2
51 36.8 30.3 45.5

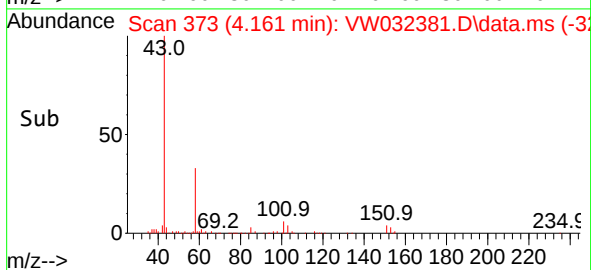
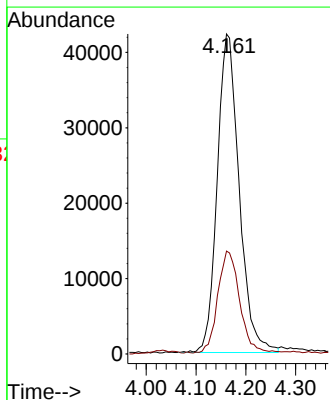
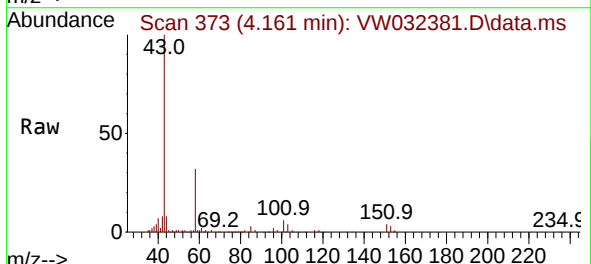
Manual Integrations
APPROVED

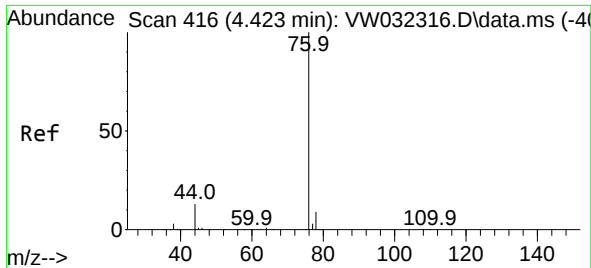
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 114.096 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

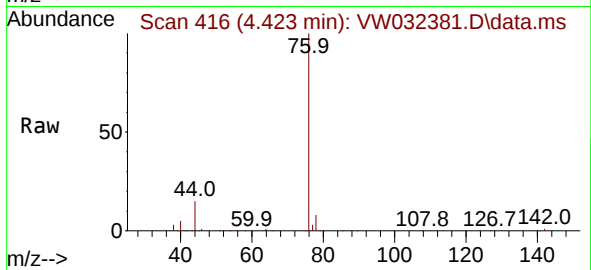
Tgt Ion: 43 Resp: 129324
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9





#17
Carbon Disulfide
Concen: 21.554 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

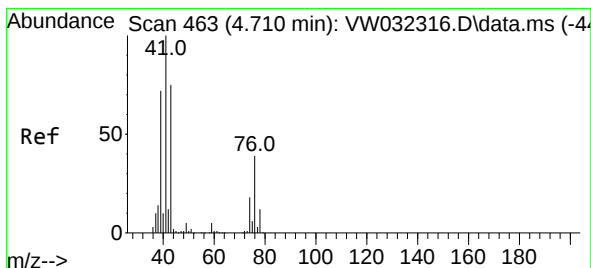
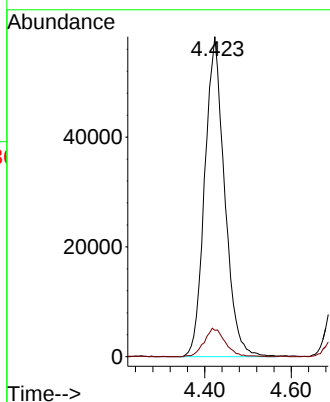
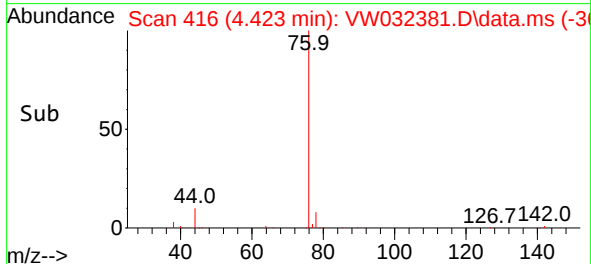
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 76 Resp: 18601
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

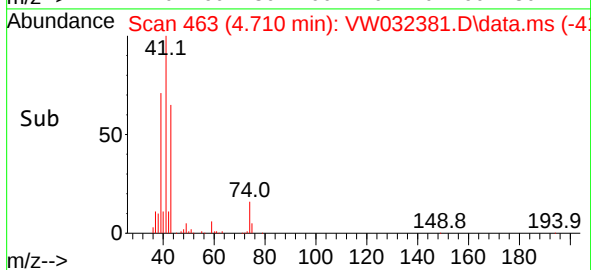
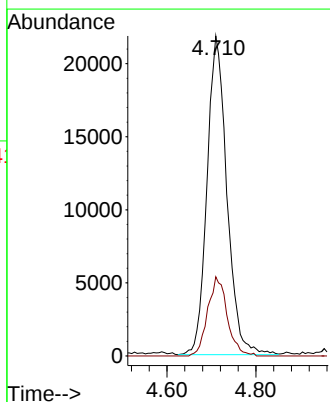
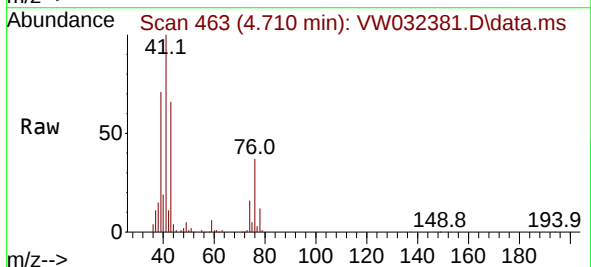
Manual Integrations
APPROVED

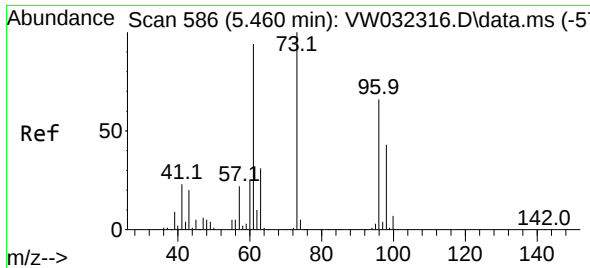
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methyl Acetate
Concen: 20.907 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 43 Resp: 67884
Ion Ratio Lower Upper
43 100
74 24.4 20.2 30.4





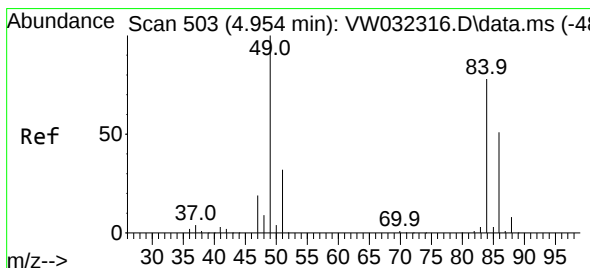
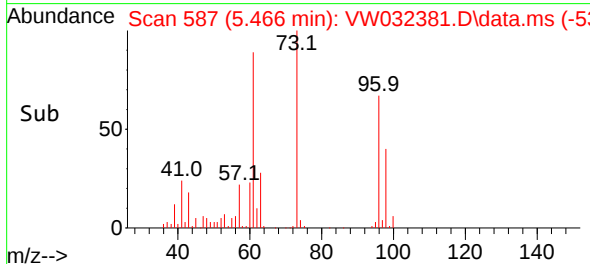
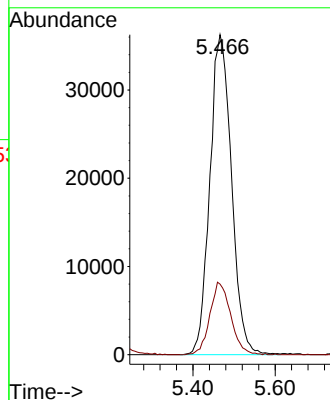
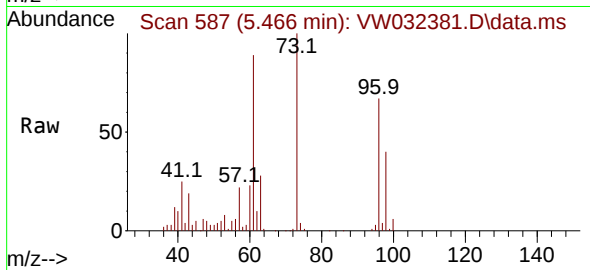
#19
Methyl tert-butyl Ether
Concen: 21.297 ug/l
RT: 5.466 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 73 Resp: 13267
Ion Ratio Lower Upper
73 100
57 22.1 16.2 24.4

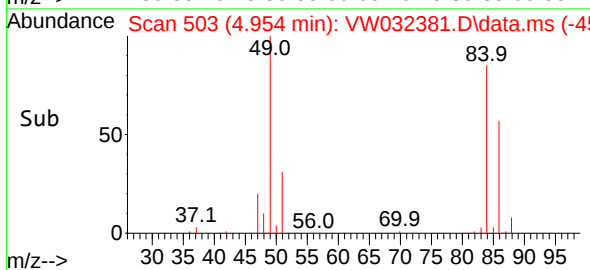
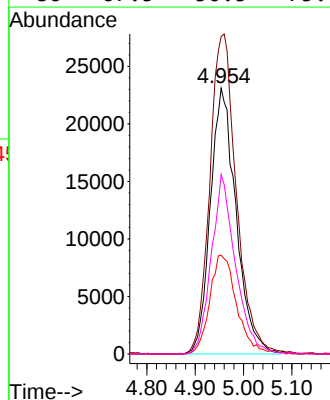
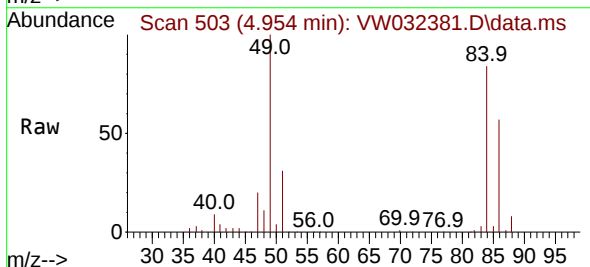
Manual Integrations
APPROVED

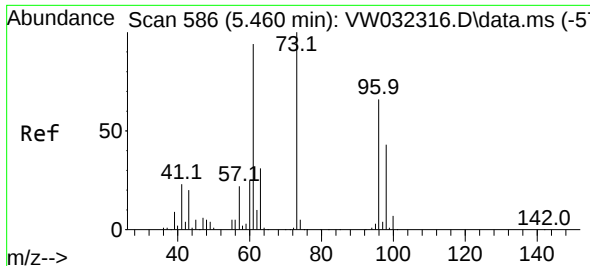
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 19.504 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

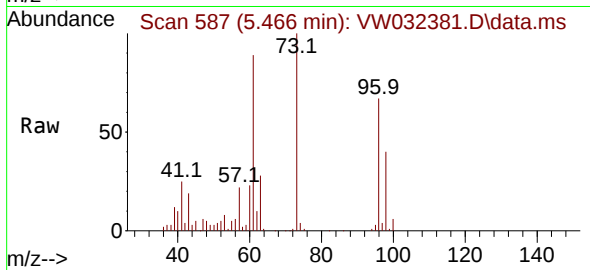
Tgt Ion: 84 Resp: 85418
Ion Ratio Lower Upper
84 100
49 119.4 92.2 138.4
51 36.9 31.0 46.6
86 67.5 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 21.451 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

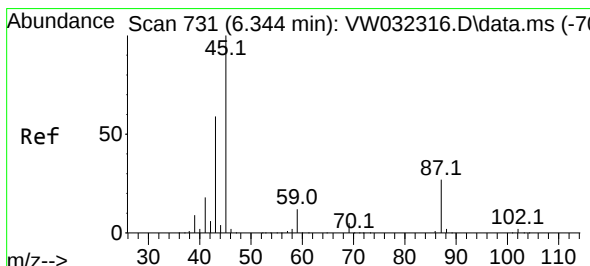
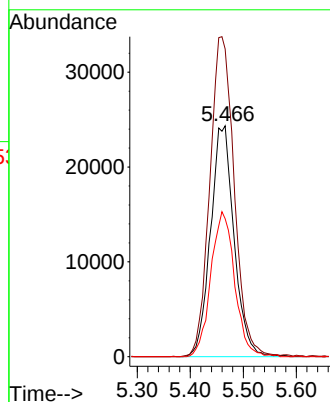
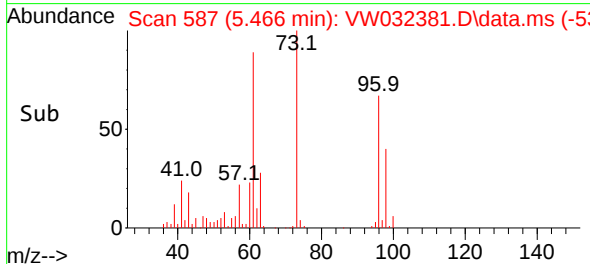
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 96 Resp: 75118
Ion Ratio Lower Upper
96 100
61 133.2 112.5 168.7
98 59.7 54.2 81.4

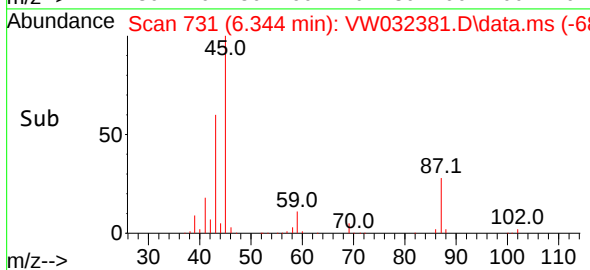
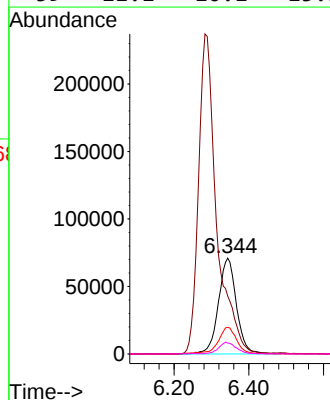
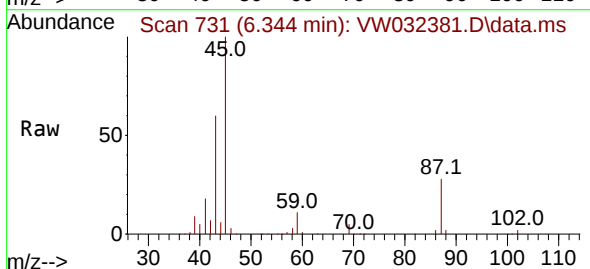
Manual Integrations
APPROVED

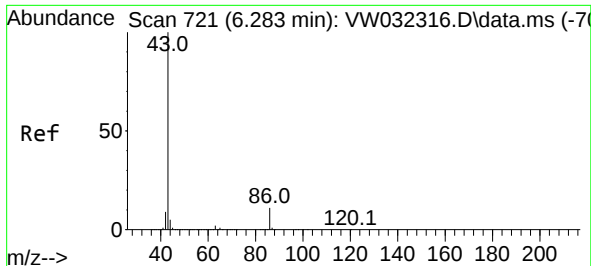
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 21.414 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

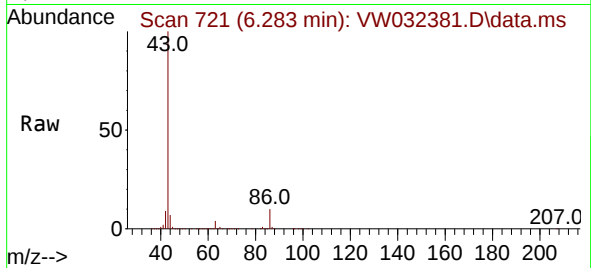
Tgt Ion: 45 Resp: 237926
Ion Ratio Lower Upper
45 100
43 60.2 51.4 77.2
87 27.6 25.9 38.9
59 11.1 10.1 15.1





#23
 Vinyl Acetate
 Concen: 107.218 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

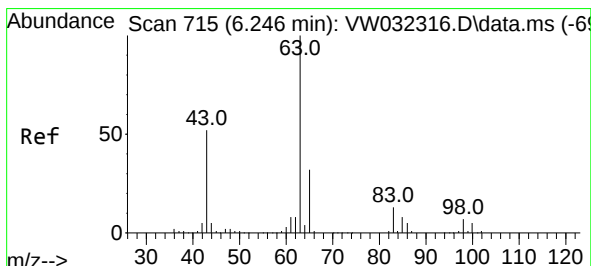
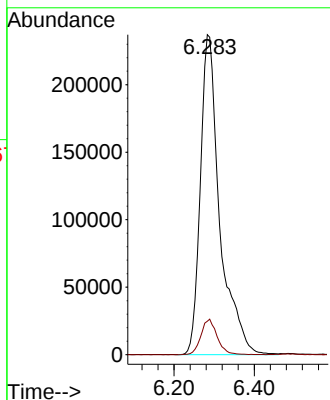
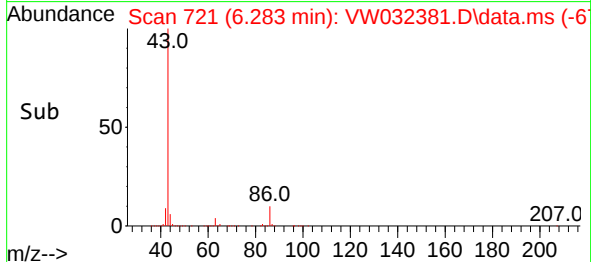
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01



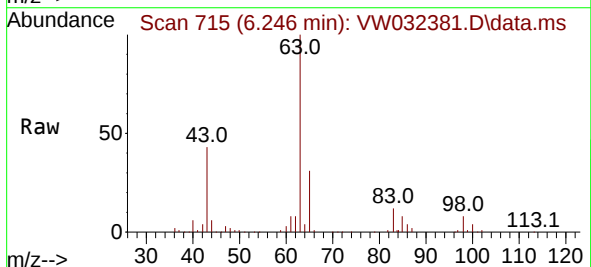
Tgt Ion: 43 Resp: 795690
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.8 13.2

Manual Integrations
 APPROVED

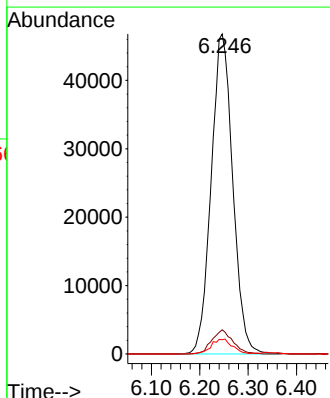
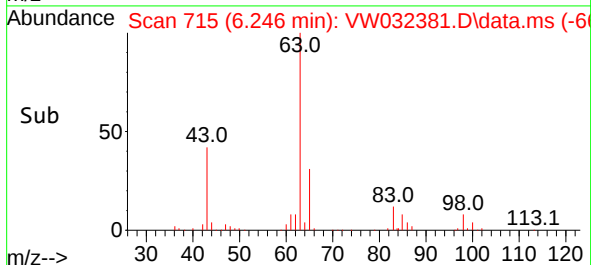
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

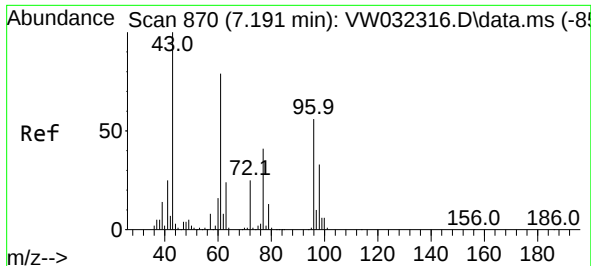


#24
 1,1-Dichloroethane
 Concen: 21.498 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03



Tgt Ion: 63 Resp: 145116
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.5 2.5 7.5





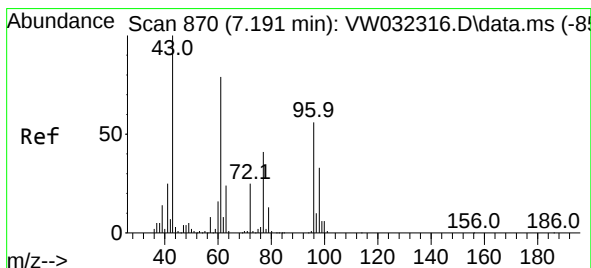
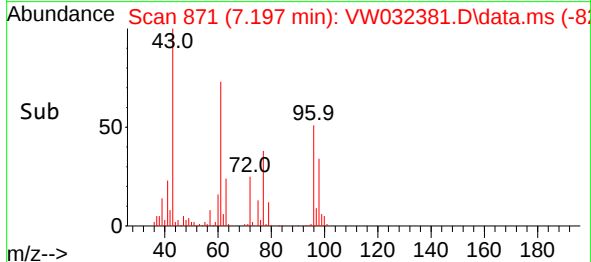
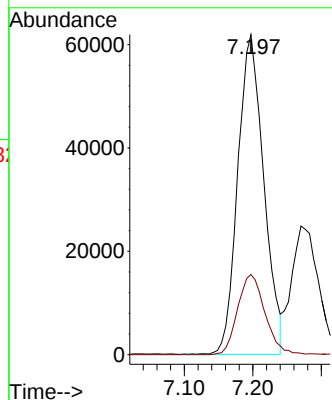
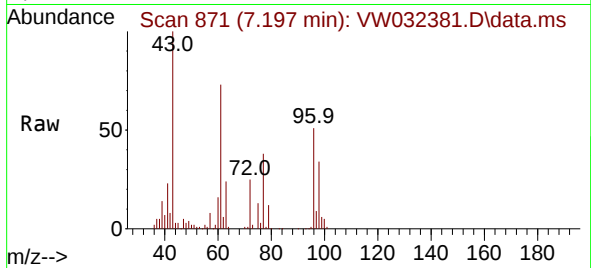
#25
2-Butanone
Concen: 105.758 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

Tgt Ion: 43 Resp: 16326
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.2

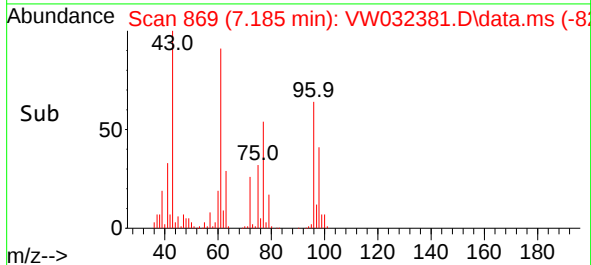
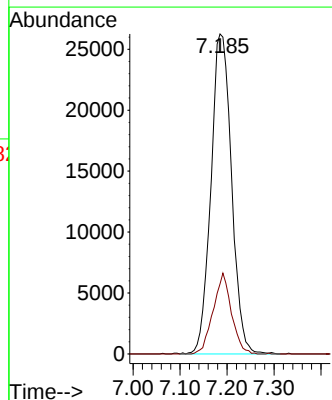
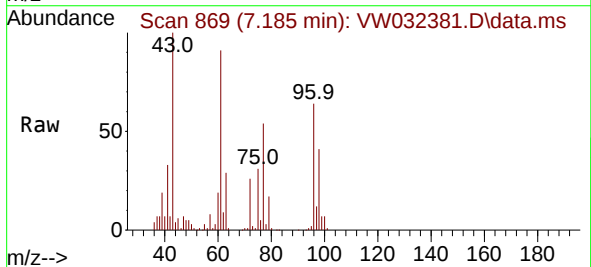
Manual Integrations
APPROVED

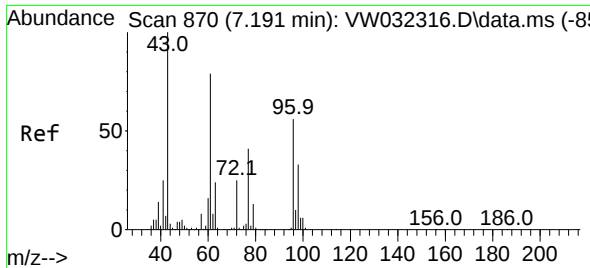
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 23.186 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 77 Resp: 80056
Ion Ratio Lower Upper
77 100
97 22.4 11.9 35.5





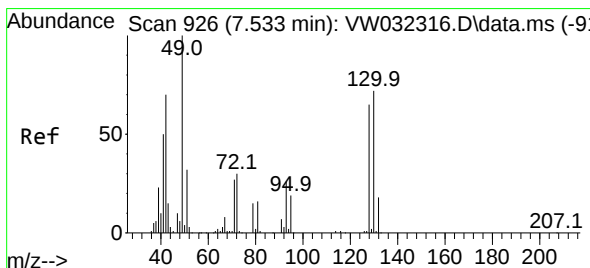
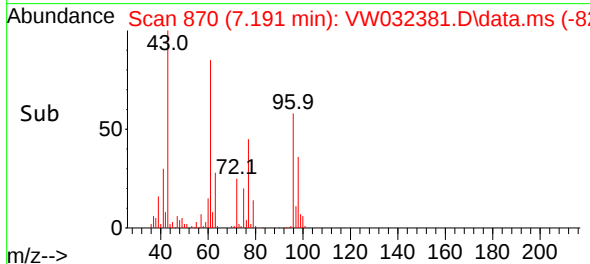
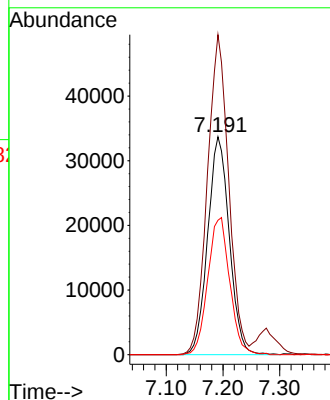
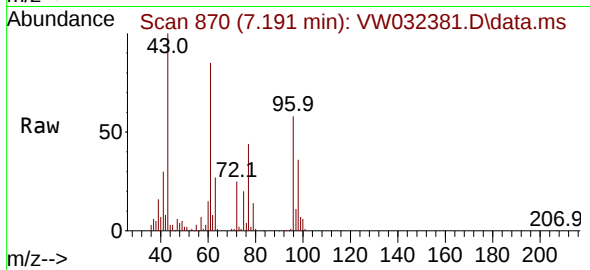
#27
 cis-1,2-Dichloroethene
 Concen: 21.181 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBSD01

Tgt Ion: 96 Resp: 89110
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 268.0
 98 64.1 0.0 130.8

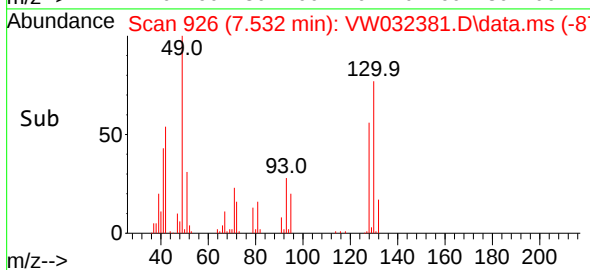
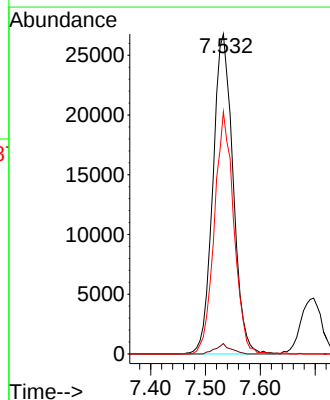
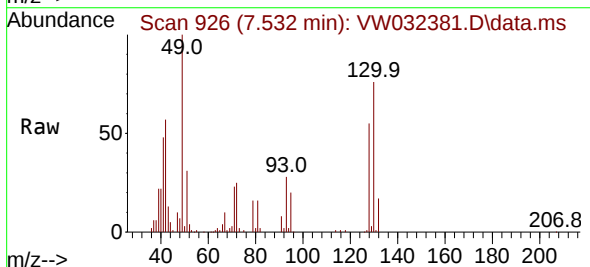
Manual Integrations
 APPROVED

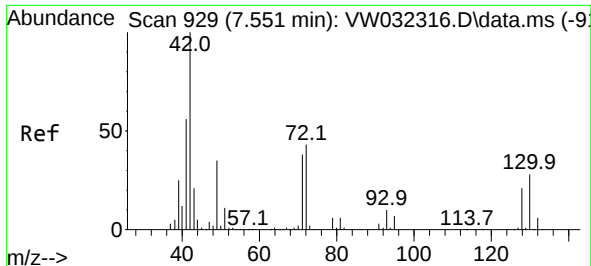
Reviewed By :Amit Patel 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#28
 Bromochloromethane
 Concen: 21.481 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

Tgt Ion: 49 Resp: 68220
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 72.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 104.629 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 42 Resp: 101574

Ion Ratio Lower Upper

42 100

72 44.5 37.4 56.2

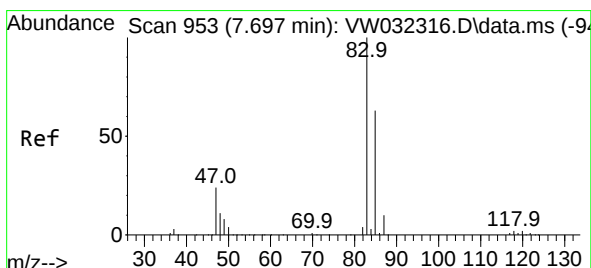
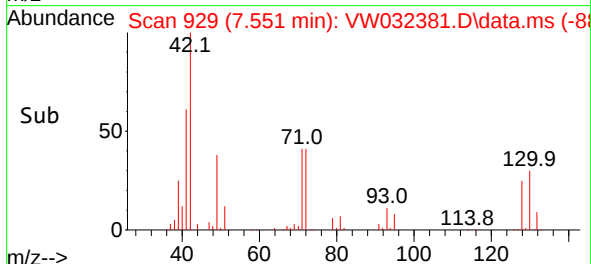
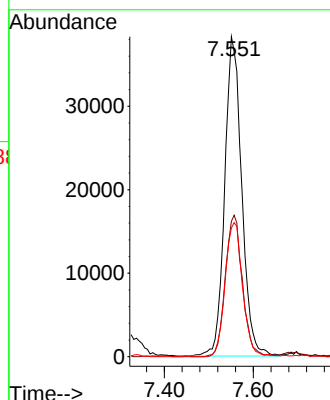
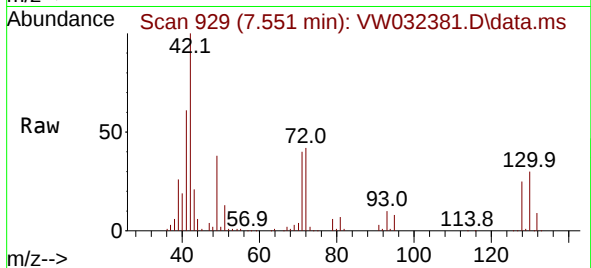
71 43.2 36.0 54.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 22.500 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032381.D

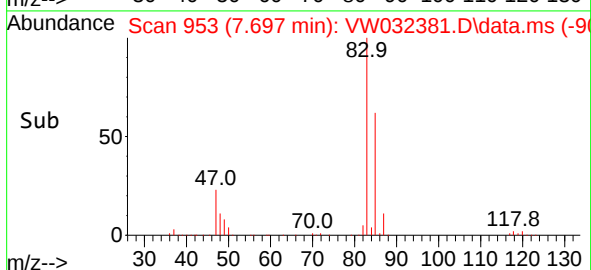
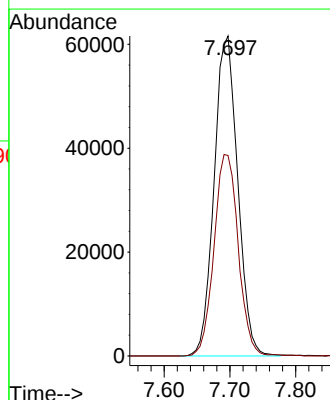
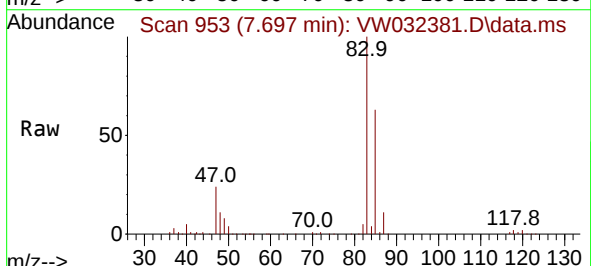
Acq: 20 Oct 2025 12:03

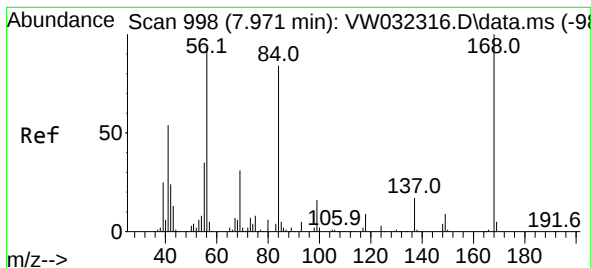
Tgt Ion: 83 Resp: 154033

Ion Ratio Lower Upper

83 100

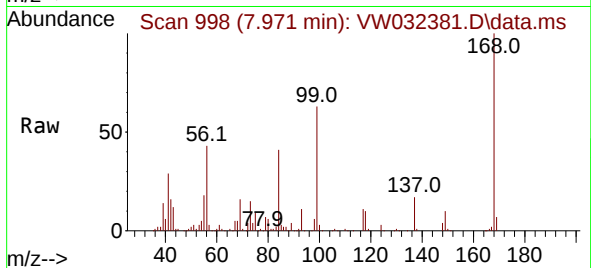
85 62.6 51.2 76.8





#31
Cyclohexane
Concen: 19.650 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

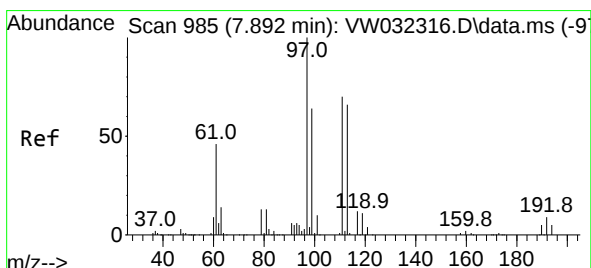
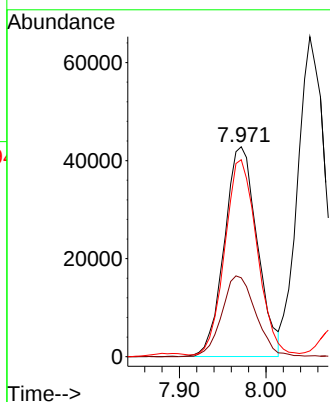
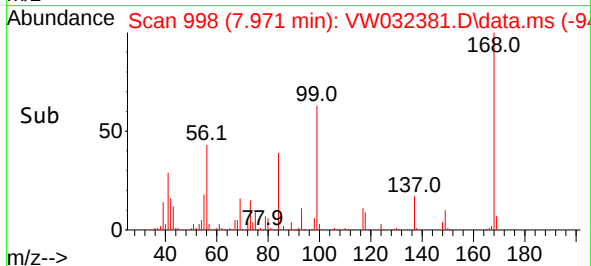
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



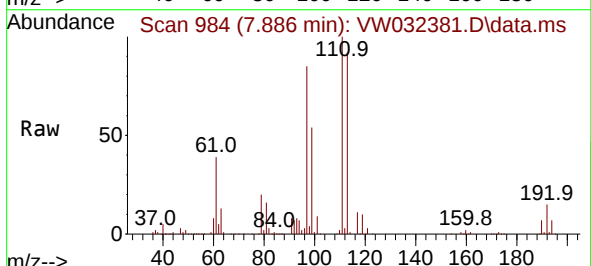
Tgt Ion: 56 Resp: 113240
Ion Ratio Lower Upper
56 100
69 37.6 27.7 41.5
84 92.5 74.6 112.0

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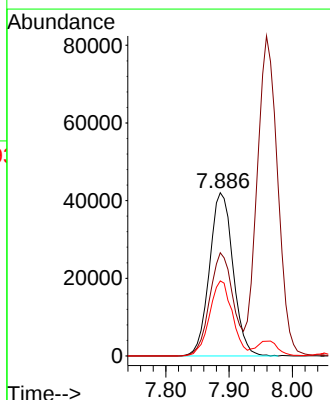
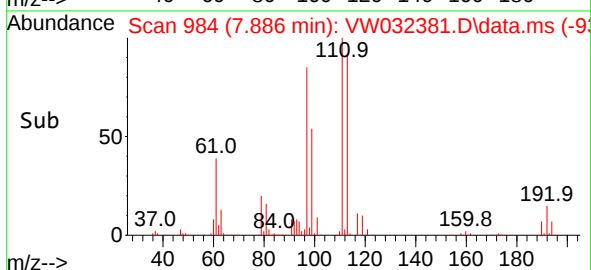
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

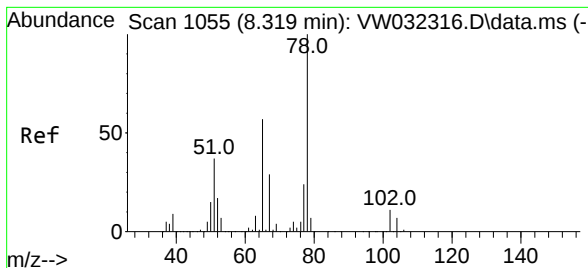


#32
1,1,1-Trichloroethane
Concen: 22.406 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



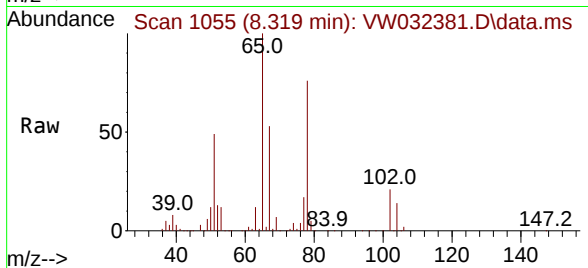
Tgt Ion: 97 Resp: 108696
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 44.6 36.2 54.4





#33
1,2-Dichloroethane-d4
Concen: 53.141 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

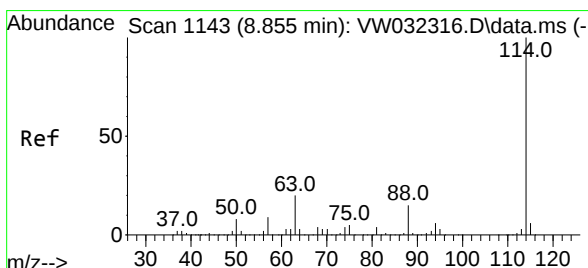
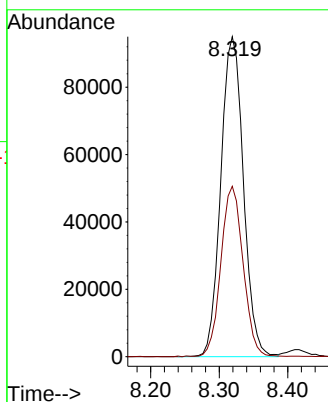
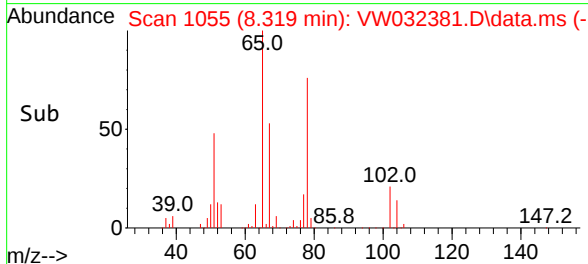
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



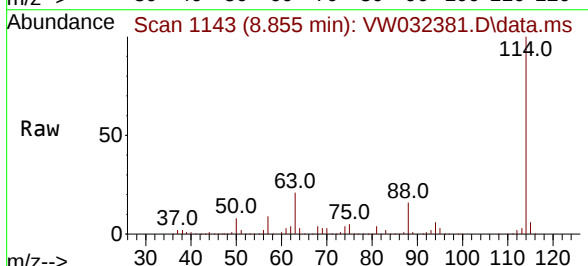
Tgt Ion: 65 Resp: 21753
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.6

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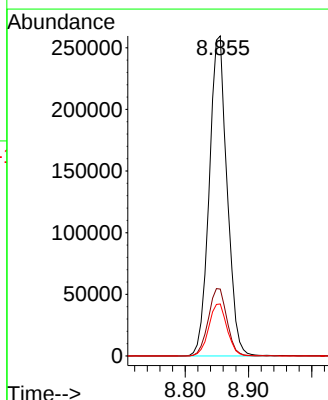
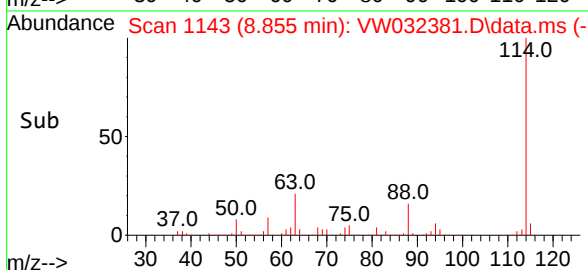
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

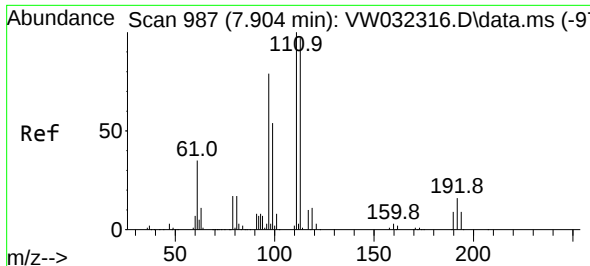


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



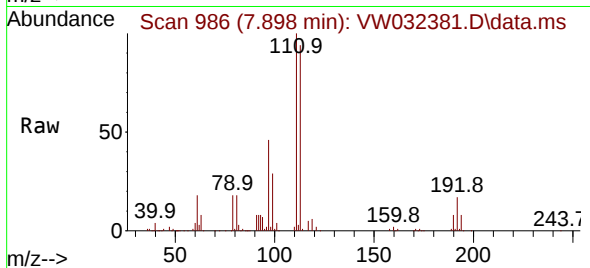
Tgt Ion:114 Resp: 507546
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 16.3 0.0 32.0





#35
Dibromofluoromethane
Concen: 54.477 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

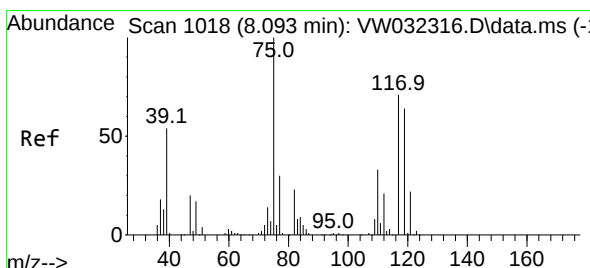
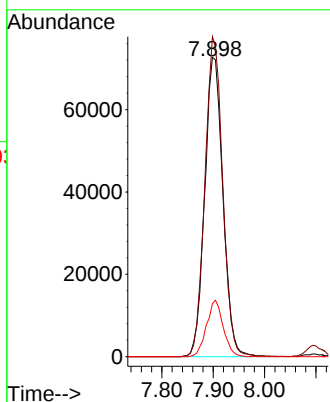
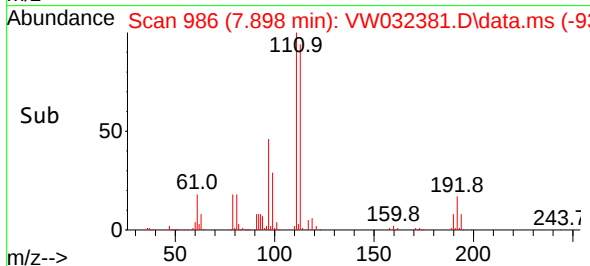
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion:113 Resp: 17906
Ion Ratio Lower Upper
113 100
111 104.3 83.9 125.9
192 17.3 14.6 21.8

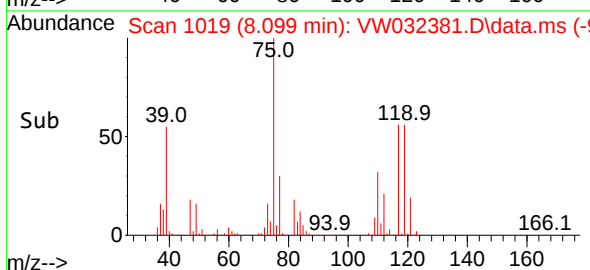
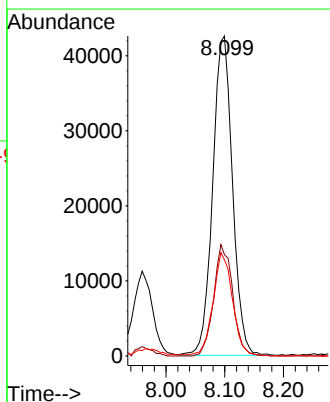
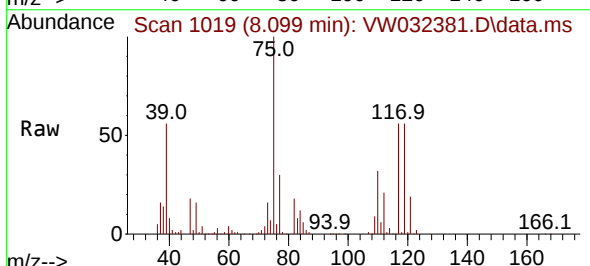
Manual Integrations
APPROVED

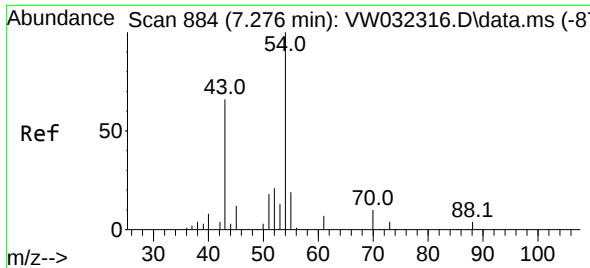
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#36
1,1-Dichloropropene
Concen: 21.464 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 75 Resp: 99568
Ion Ratio Lower Upper
75 100
110 33.6 17.5 52.5
77 31.9 24.1 36.1





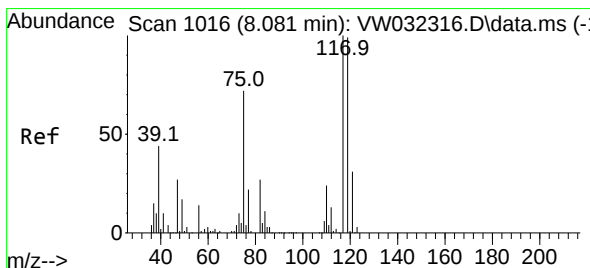
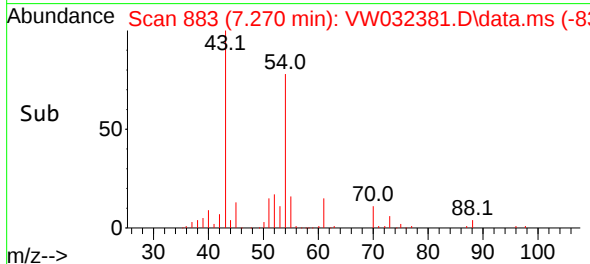
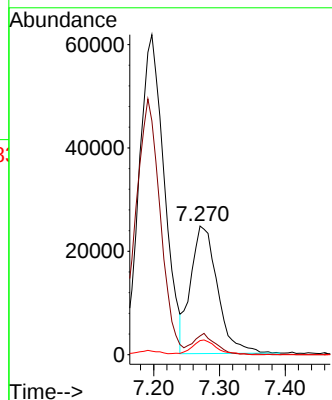
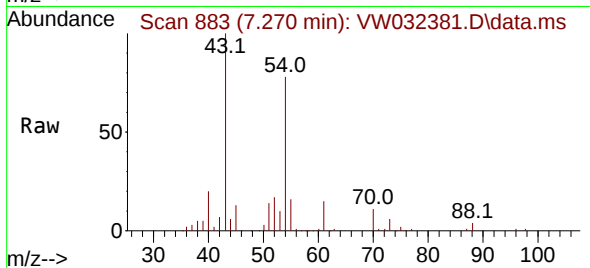
#37
Ethyl Acetate
Concen: 22.625 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 43 Resp: 69858
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.5 8.9 13.3

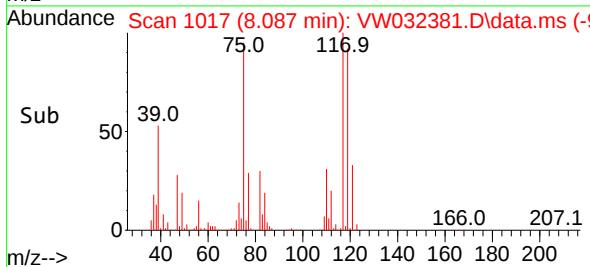
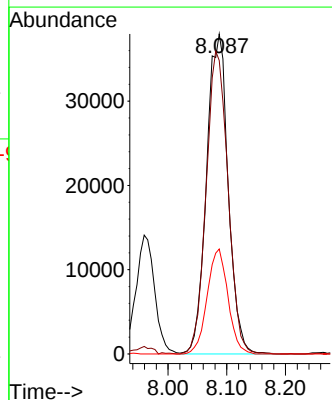
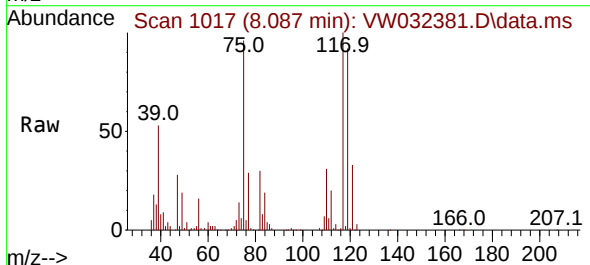
Manual Integrations
APPROVED

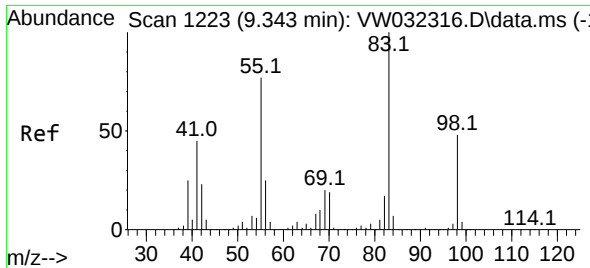
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#38
Carbon Tetrachloride
Concen: 22.304 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

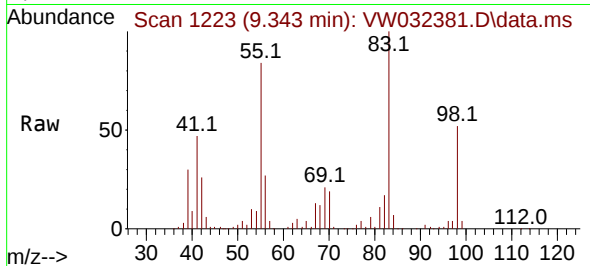
Tgt Ion:117 Resp: 97363
Ion Ratio Lower Upper
117 100
119 91.7 74.2 111.2
121 32.8 25.6 38.4





#39
Methylcyclohexane
Concen: 19.391 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

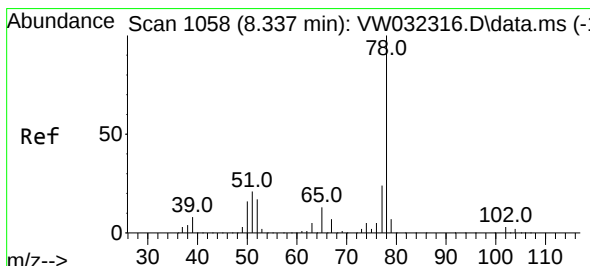
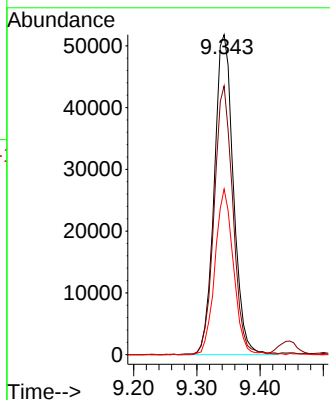
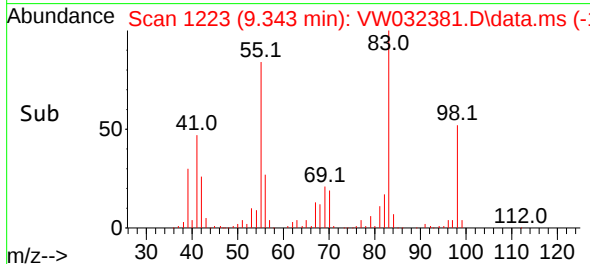
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



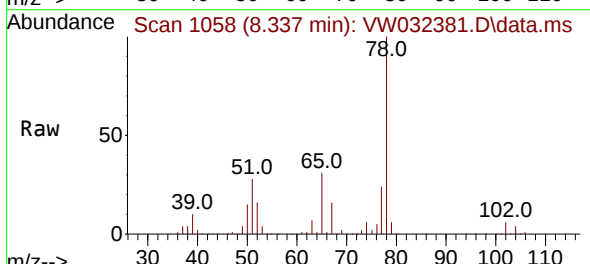
Tgt Ion: 83 Resp: 108498
Ion Ratio Lower Upper
83 100
55 84.0 58.4 87.6
98 51.7 39.4 59.2

Manual Integrations
APPROVED

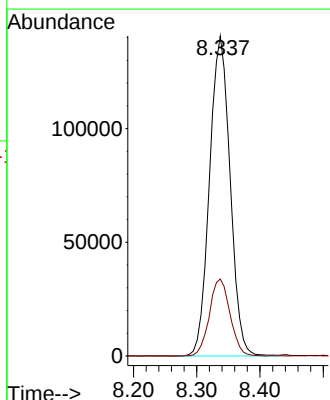
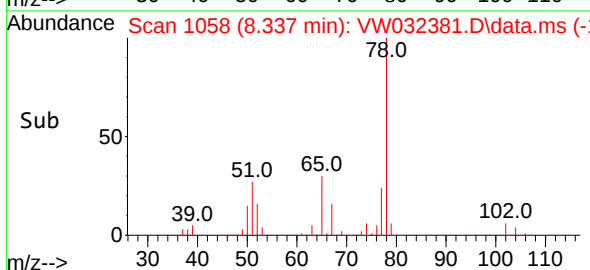
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

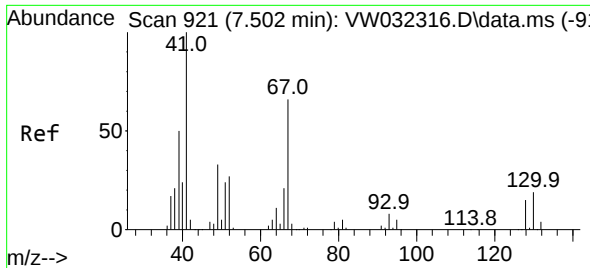


#40
Benzene
Concen: 21.845 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



Tgt Ion: 78 Resp: 317626
Ion Ratio Lower Upper
78 100
77 24.1 20.7 31.1





#41
Methacrylonitrile
Concen: 21.516 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

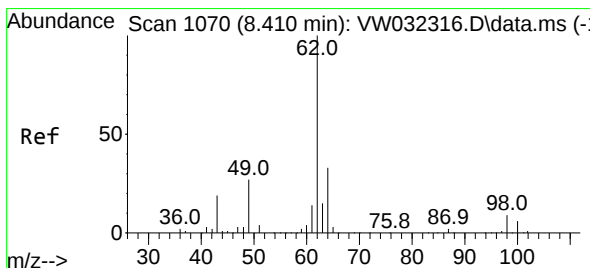
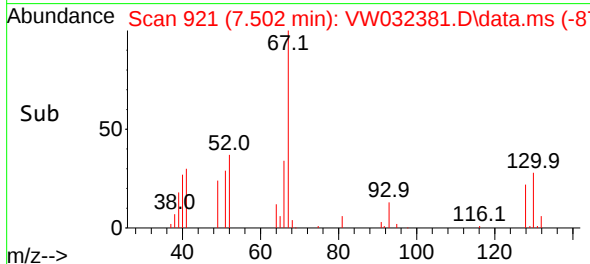
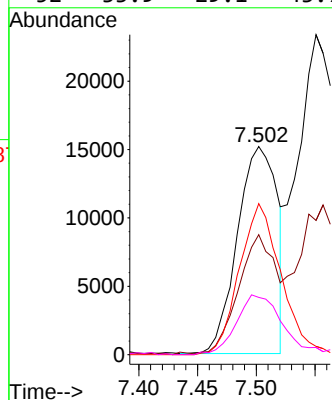
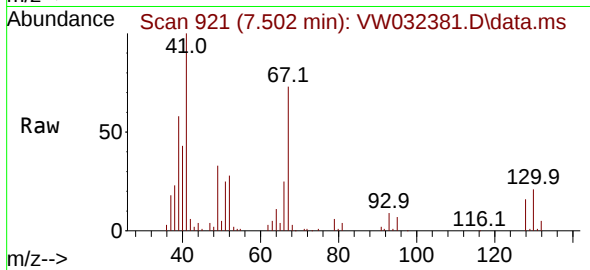
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 41 Resp: 3580

Ion	Ratio	Lower	Upper
41	100		
39	53.3	50.9	76.3
67	76.7	65.6	98.4
52	33.9	29.1	43.7

Manual Integrations
APPROVED

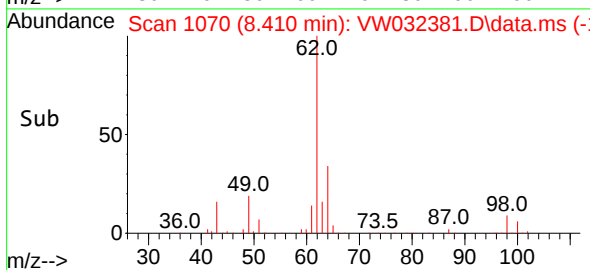
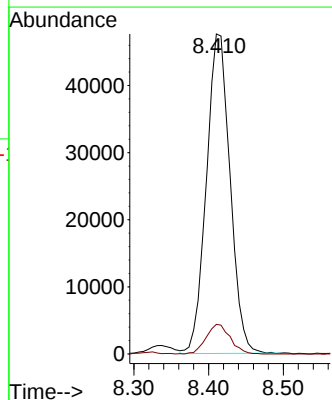
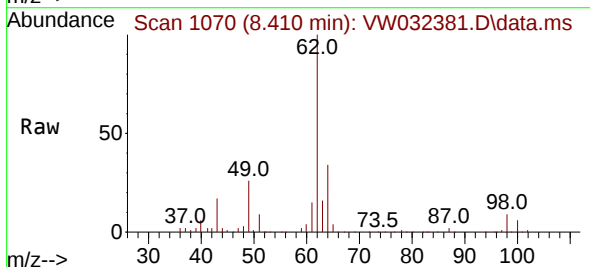
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

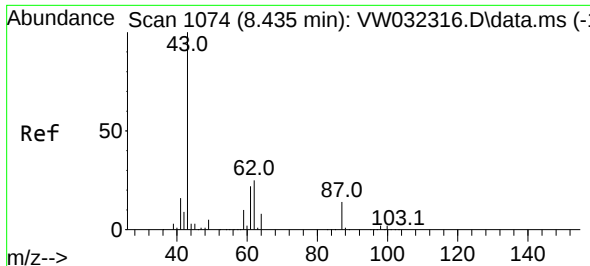


#42
1,2-Dichloroethane
Concen: 22.027 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 62 Resp: 104797

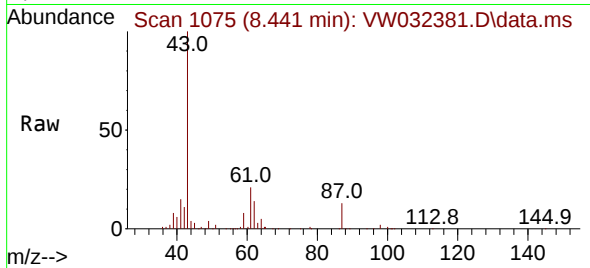
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0





#43
Isopropyl Acetate
Concen: 21.760 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

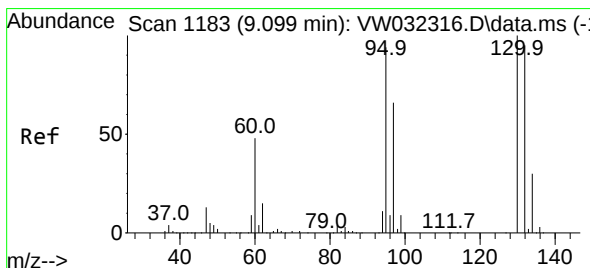
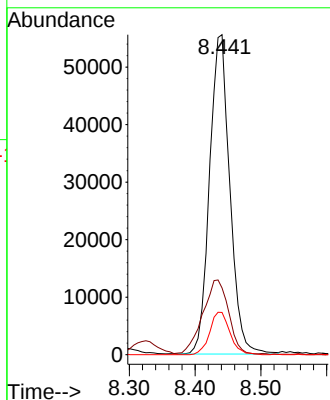
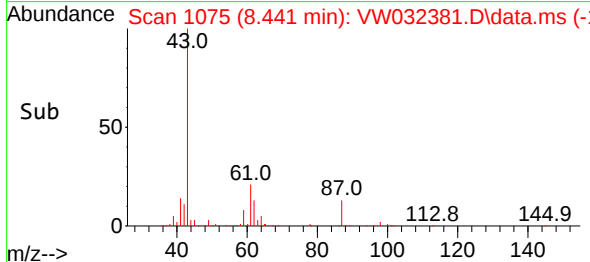
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 43 Resp: 119189
Ion Ratio Lower Upper
43 100
61 29.7 23.3 34.9
87 13.3 11.1 16.7

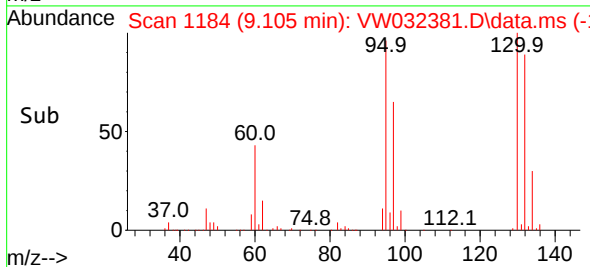
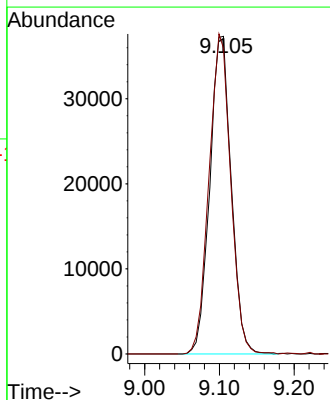
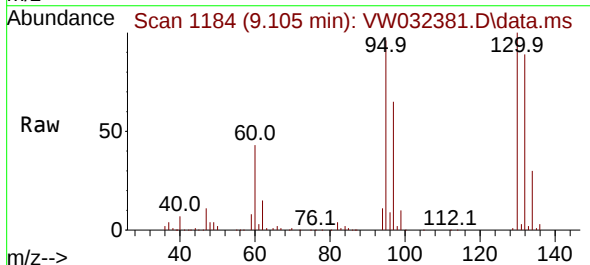
Manual Integrations
APPROVED

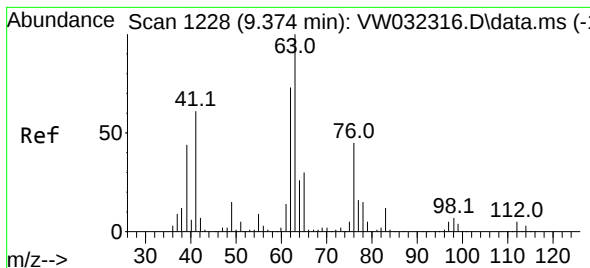
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 21.903 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:130 Resp: 74572
Ion Ratio Lower Upper
130 100
95 96.3 0.0 220.0





#45

1,2-Dichloropropane

Concen: 22.167 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 63 Resp: 80449

Ion Ratio Lower Upper

63 100

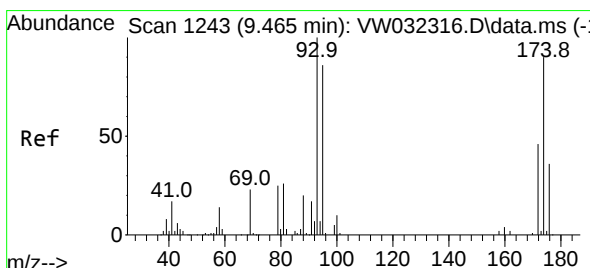
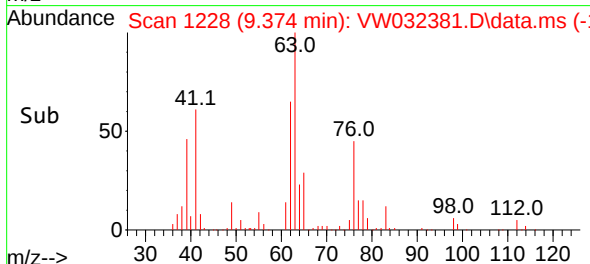
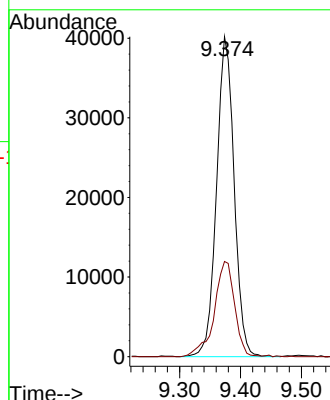
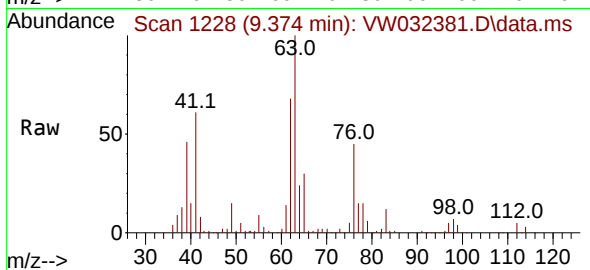
65 29.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 22.938 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

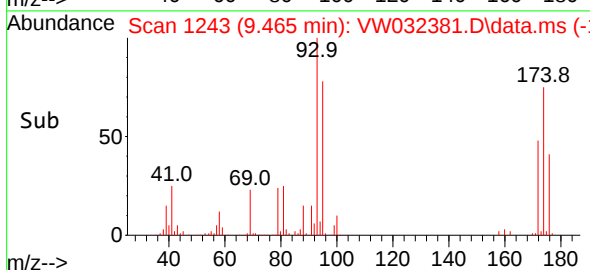
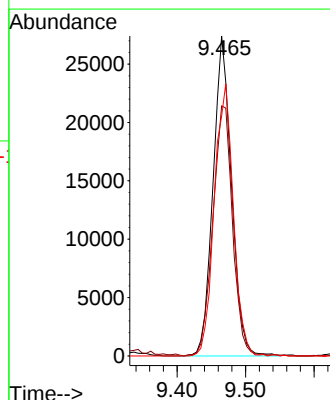
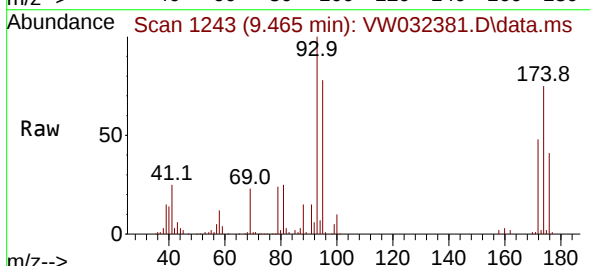
Tgt Ion: 93 Resp: 51190

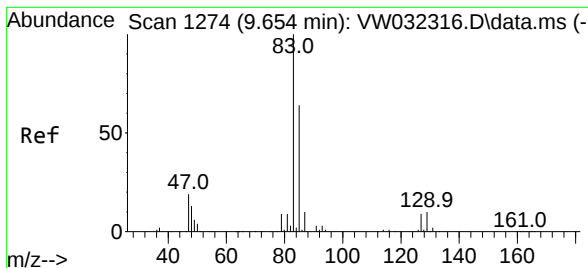
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.2

174 87.5 75.7 113.5





#47

Bromodichloromethane

Concen: 23.021 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 83 Resp: 117508

Ion Ratio Lower Upper

83 100

85 62.9 48.7 73.1

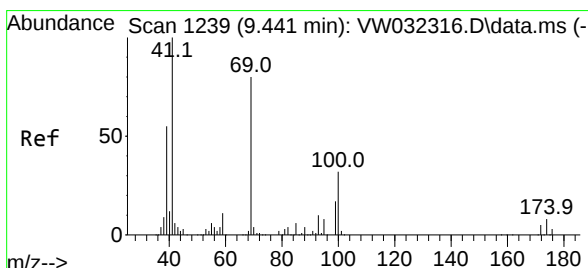
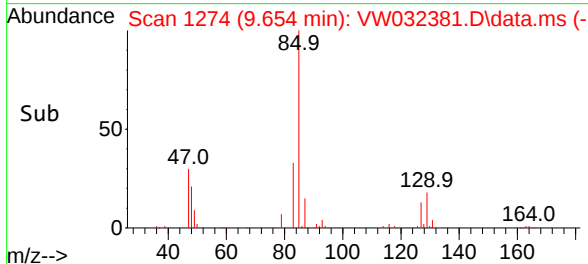
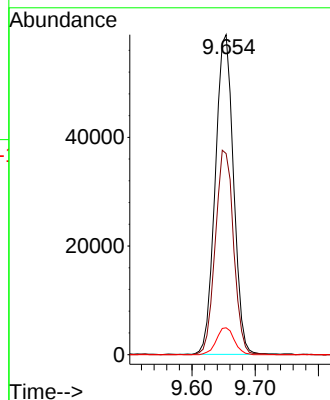
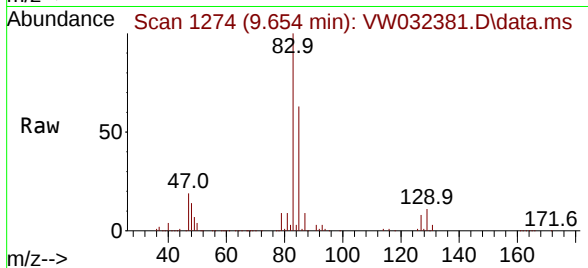
127 8.4 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#48

Methyl methacrylate

Concen: 21.537 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

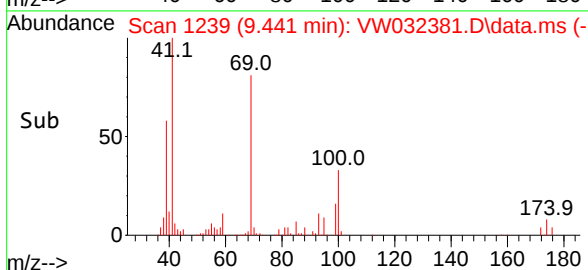
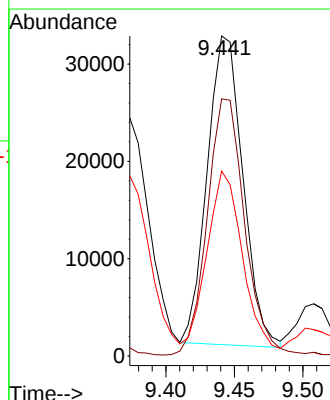
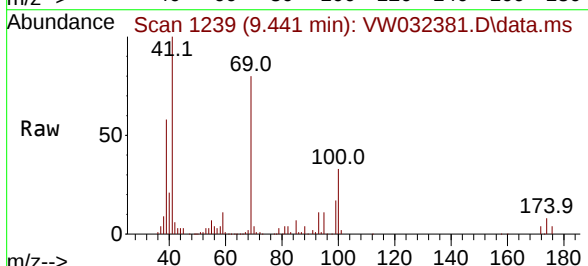
Tgt Ion: 41 Resp: 57356

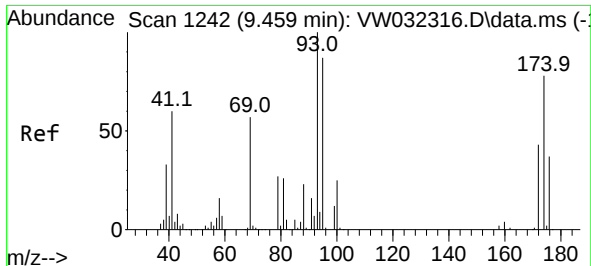
Ion Ratio Lower Upper

41 100

69 87.4 71.5 107.3

39 60.6 55.9 83.9





#49

1,4-Dioxane

Concen: 445.427 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.012 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 88 Resp: 1358

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0

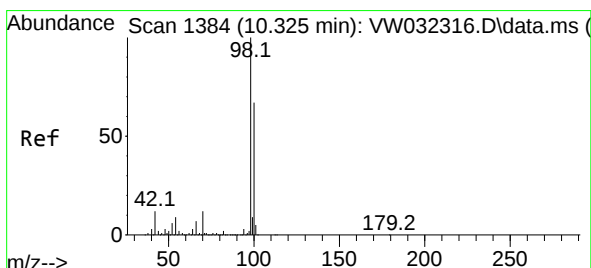
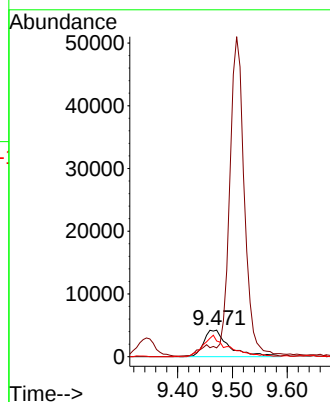
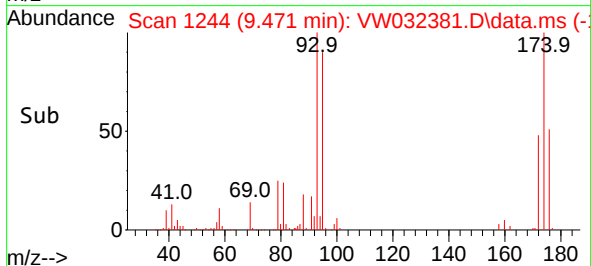
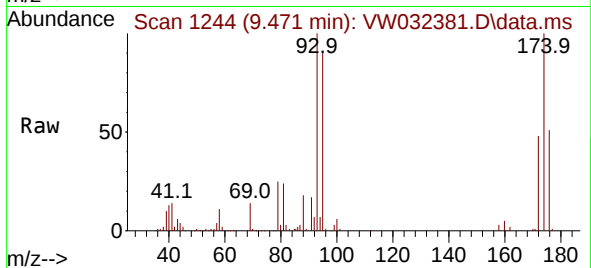
58 79.3 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#50

Toluene-d8

Concen: 54.542 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032381.D

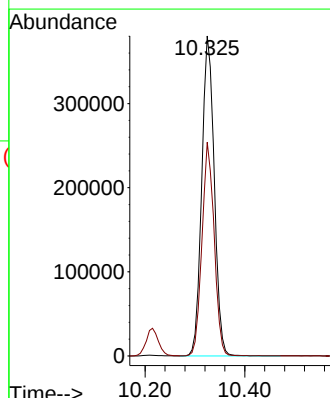
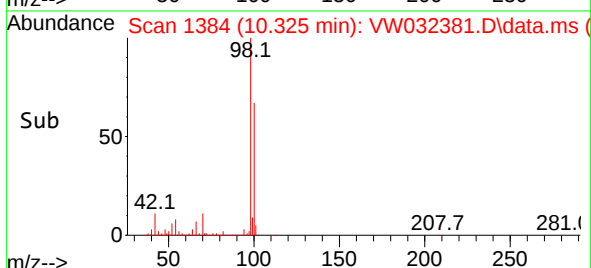
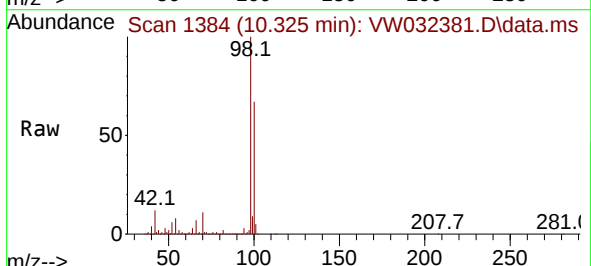
Acq: 20 Oct 2025 12:03

Tgt Ion: 98 Resp: 661666

Ion Ratio Lower Upper

98 100

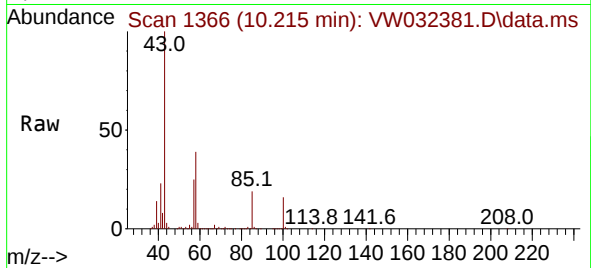
100 65.1 51.4 77.2





#51
4-Methyl-2-Pentanone
Concen: 111.810 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

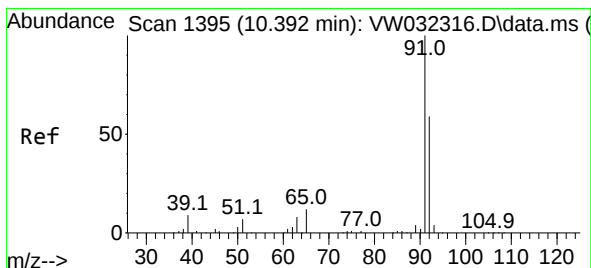
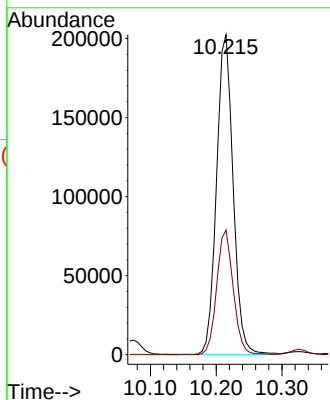
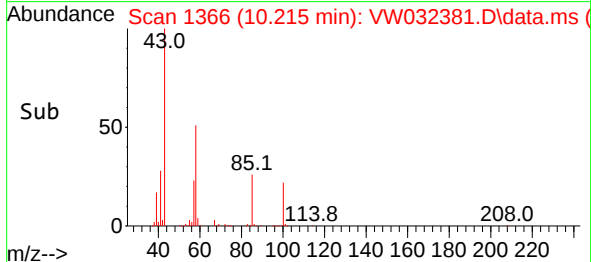
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 43 Resp: 354720
Ion Ratio Lower Upper
43 100
58 38.9 32.0 48.0

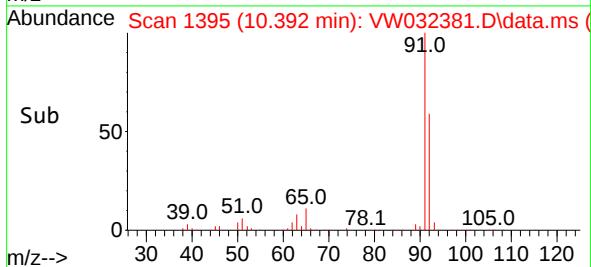
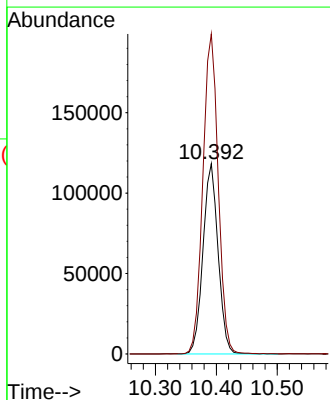
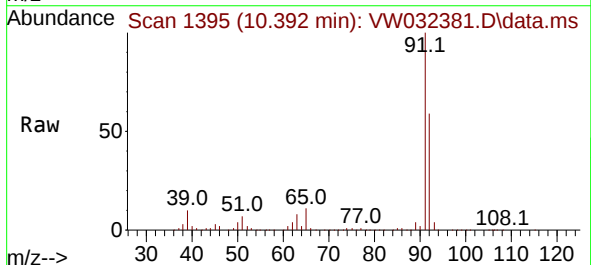
Manual Integrations
APPROVED

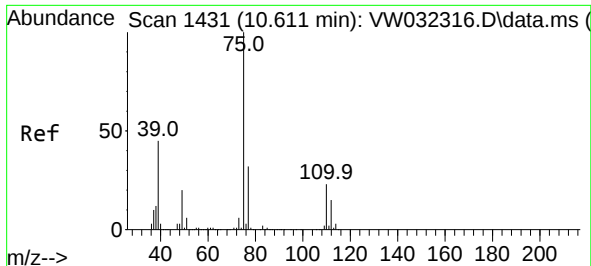
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 22.492 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

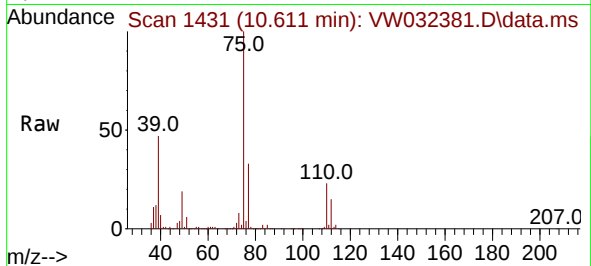
Tgt Ion: 92 Resp: 203658
Ion Ratio Lower Upper
92 100
91 170.9 137.5 206.3





#53
t-1,3-Dichloropropene
Concen: 22.555 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

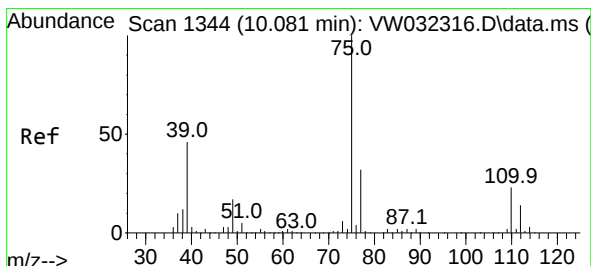
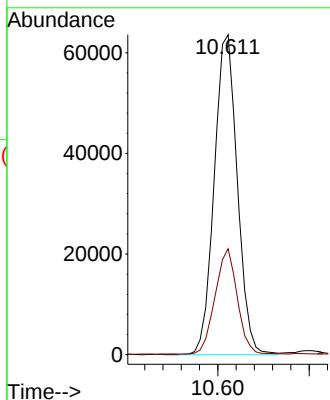
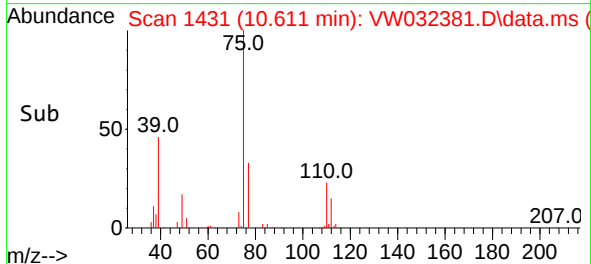
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion: 75 Resp: 111694
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4

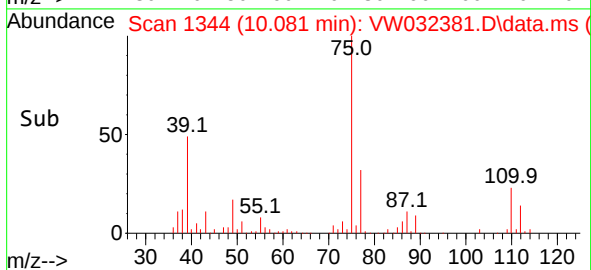
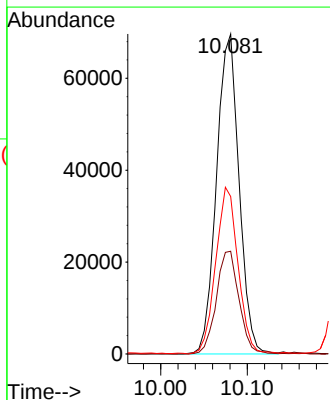
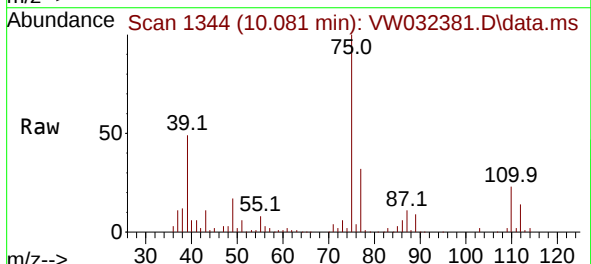
Manual Integrations
APPROVED

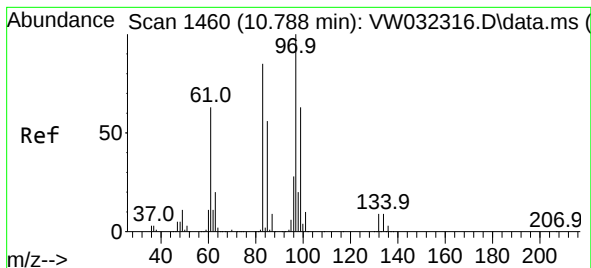
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#54
cis-1,3-Dichloropropene
Concen: 22.056 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

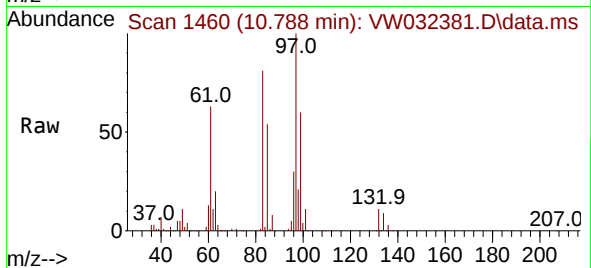
Tgt Ion: 75 Resp: 125815
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
39 49.0 43.2 64.8





#55
1,1,2-Trichloroethane
Concen: 22.638 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

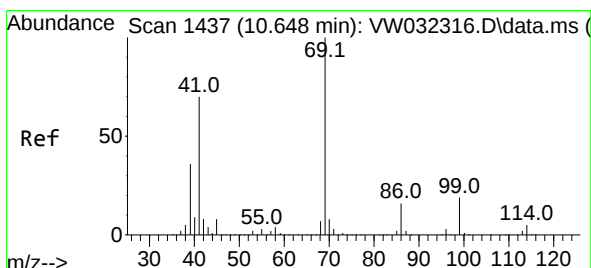
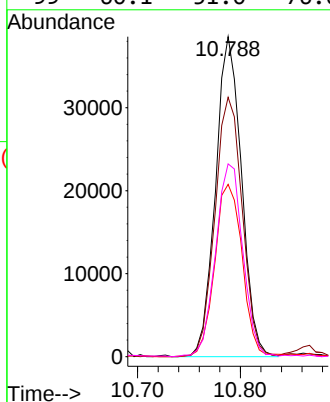
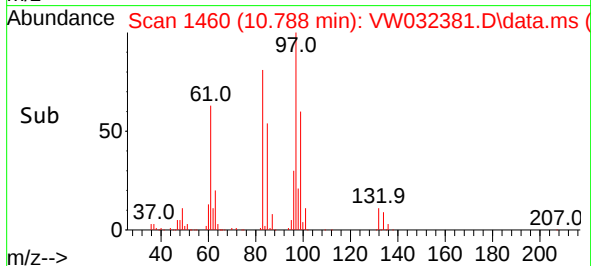
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



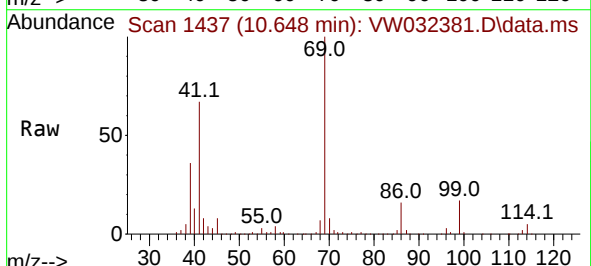
Tgt Ion: 97 Resp: 6752
Ion Ratio Lower Upper
97 100
83 81.1 71.0 106.6
85 53.7 42.8 64.2
99 60.1 51.0 76.6

Manual Integrations
APPROVED

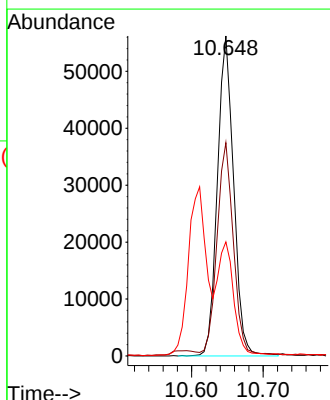
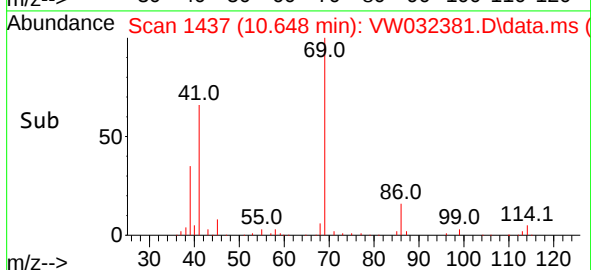
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

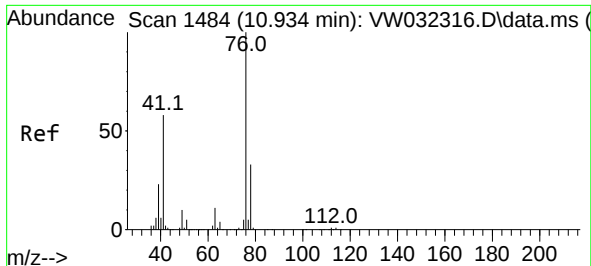


#56
Ethyl methacrylate
Concen: 21.270 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



Tgt Ion: 69 Resp: 88799
Ion Ratio Lower Upper
69 100
41 66.8 53.2 79.8
39 34.0 32.9 49.3





#57

1,3-Dichloropropane

Concen: 22.206 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion: 76 Resp: 116984

Ion Ratio Lower Upper

76 100

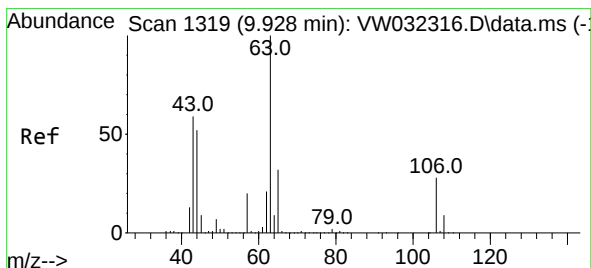
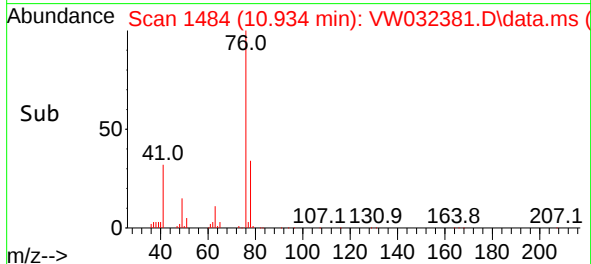
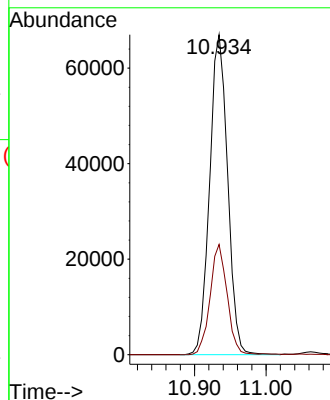
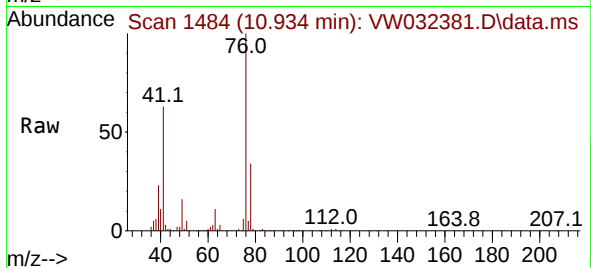
78 32.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.786 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032381.D

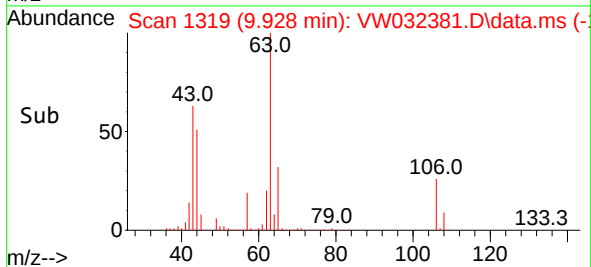
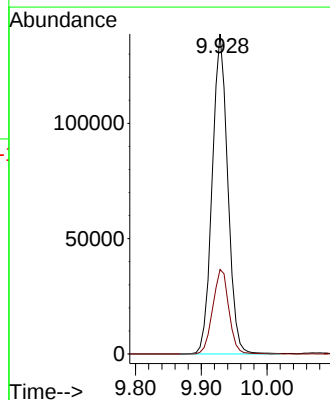
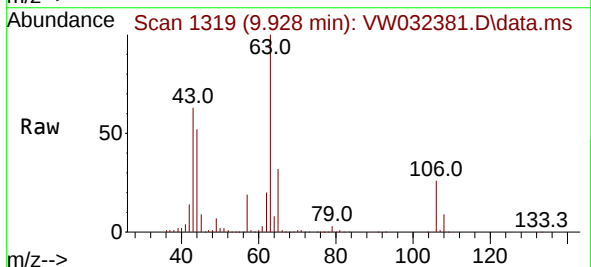
Acq: 20 Oct 2025 12:03

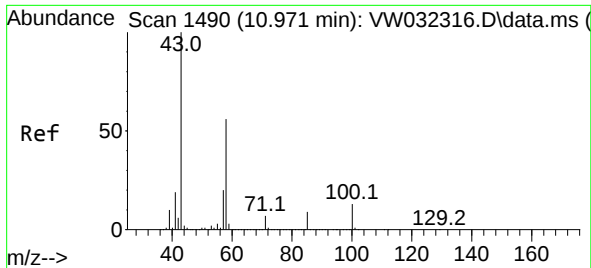
Tgt Ion: 63 Resp: 228377

Ion Ratio Lower Upper

63 100

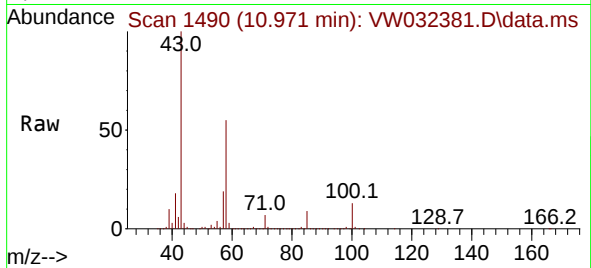
106 27.3 24.3 36.5





#59
2-Hexanone
Concen: 114.515 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

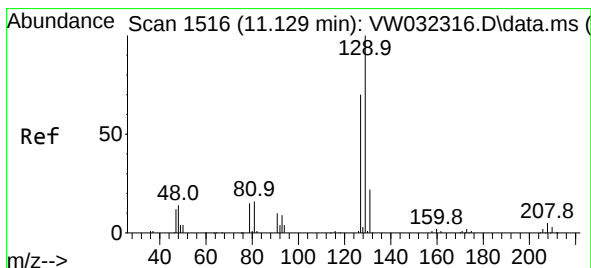
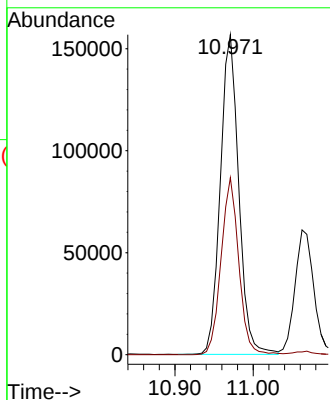
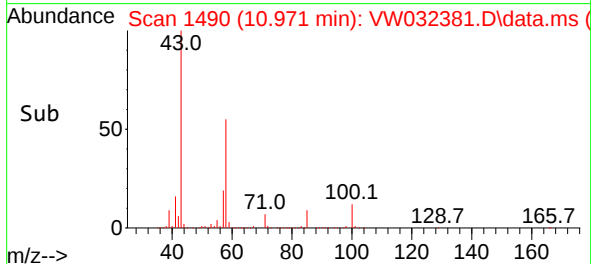
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



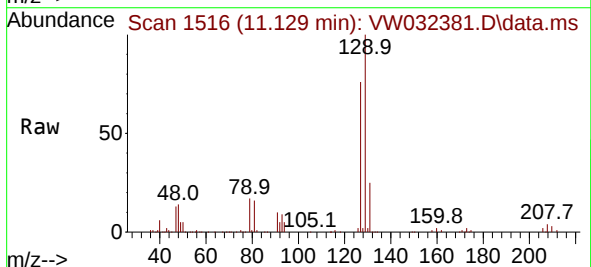
Tgt Ion: 43 Resp: 25623
Ion Ratio Lower Upper
43 100
58 53.3 27.5 82.4

Manual Integrations
APPROVED

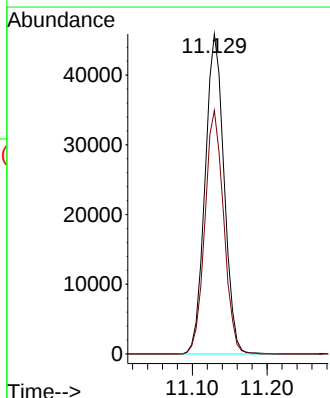
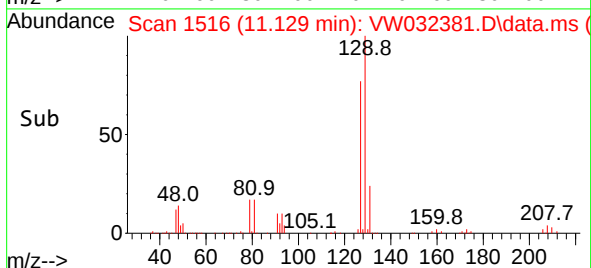
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

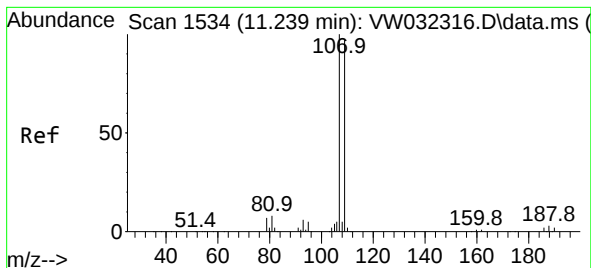


#60
Dibromochloromethane
Concen: 23.873 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



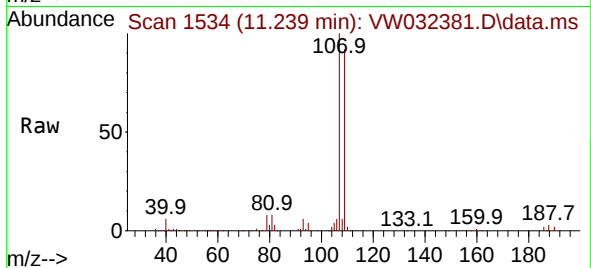
Tgt Ion:129 Resp: 80852
Ion Ratio Lower Upper
129 100
127 75.7 38.1 114.5





#61
1,2-Dibromoethane
Concen: 22.808 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

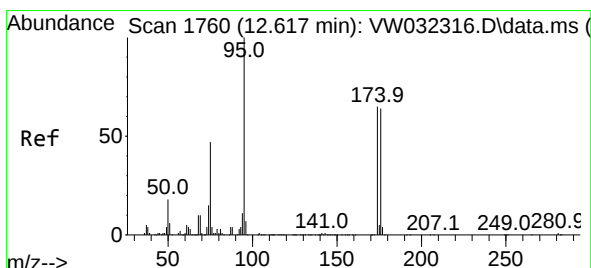
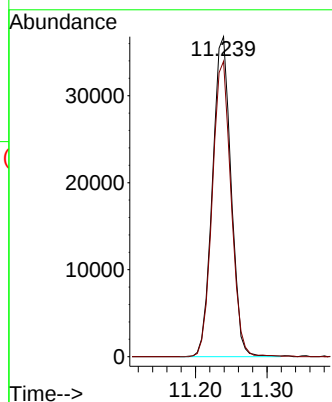
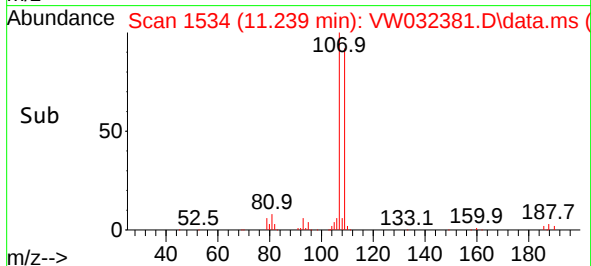
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



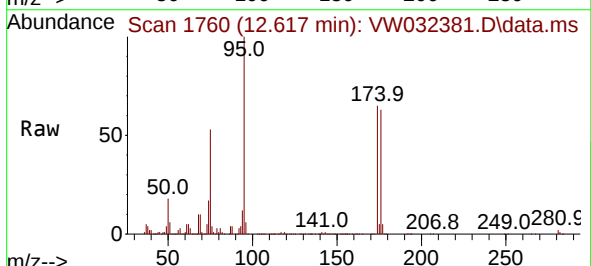
Tgt Ion:107 Resp: 66335
Ion Ratio Lower Upper
107 100
109 93.3 74.5 111.7

Manual Integrations
APPROVED

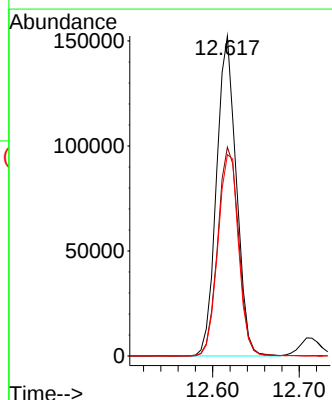
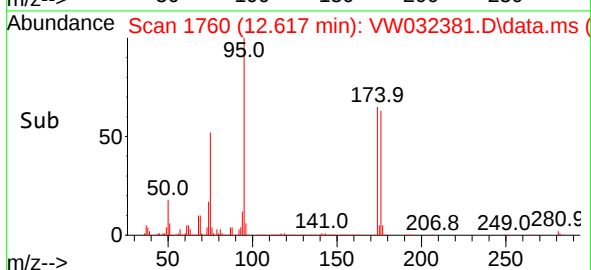
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

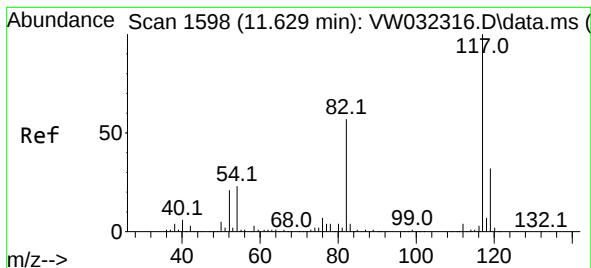


#62
4-Bromofluorobenzene
Concen: 52.844 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



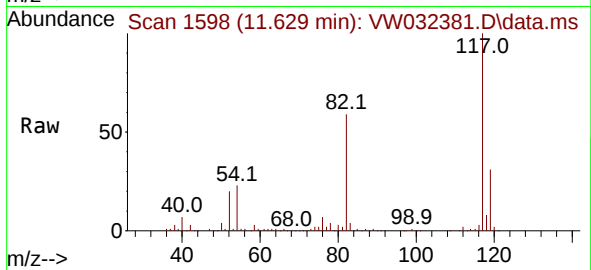
Tgt Ion: 95 Resp: 242303
Ion Ratio Lower Upper
95 100
174 68.6 0.0 145.6
176 65.9 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

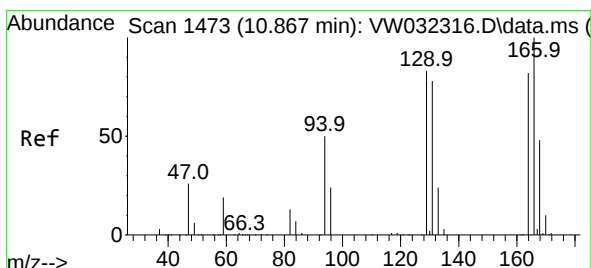
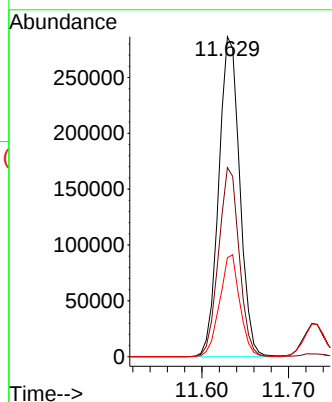
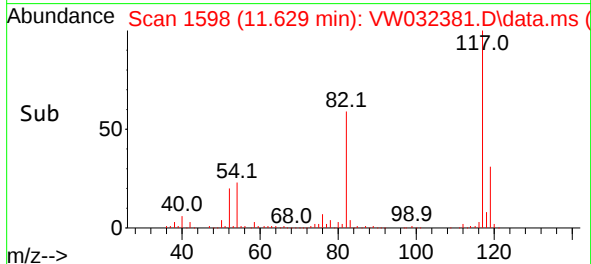
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



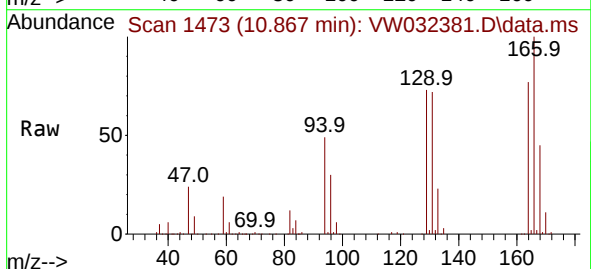
Tgt Ion:117 Resp: 481210
Ion Ratio Lower Upper
117 100
82 59.1 42.7 64.1
119 31.0 25.2 37.8

Manual Integrations
APPROVED

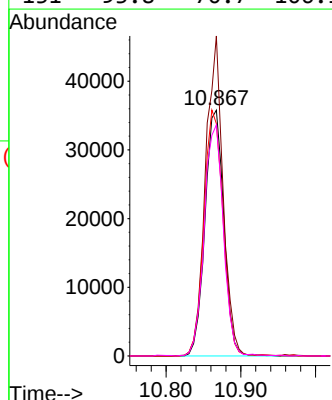
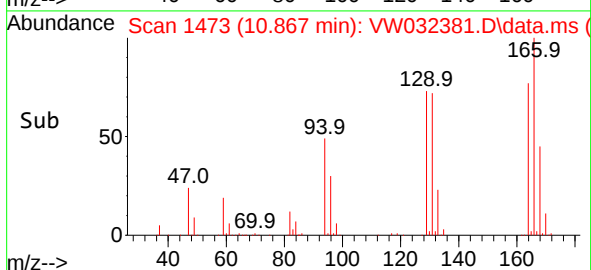
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

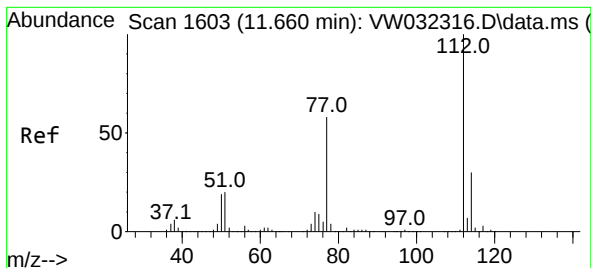


#64
Tetrachloroethene
Concen: 21.732 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



Tgt Ion:164 Resp: 62577
Ion Ratio Lower Upper
164 100
166 130.2 97.5 146.3
129 94.5 71.2 106.8
131 93.8 70.7 106.1





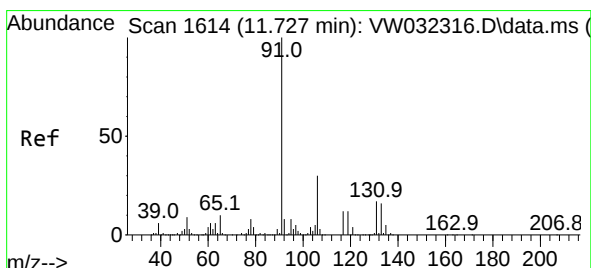
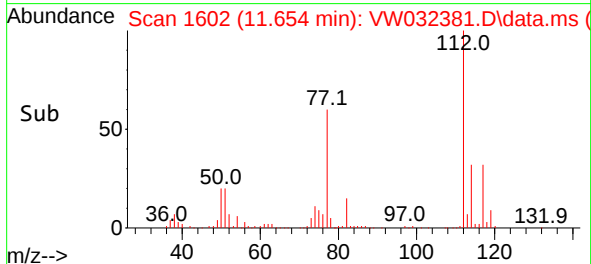
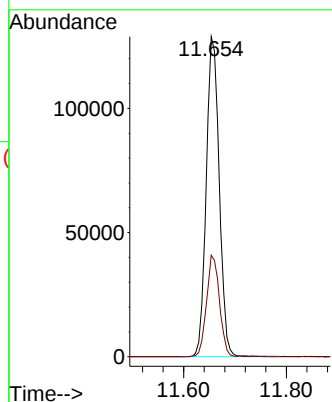
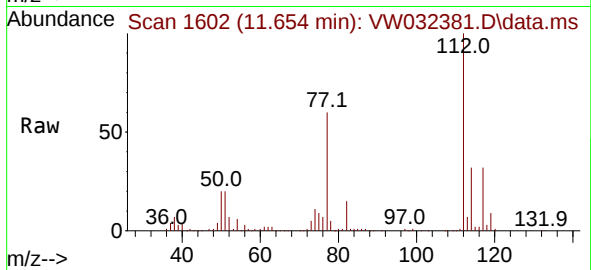
#65
Chlorobenzene
Concen: 21.329 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion:112 Resp: 225820
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

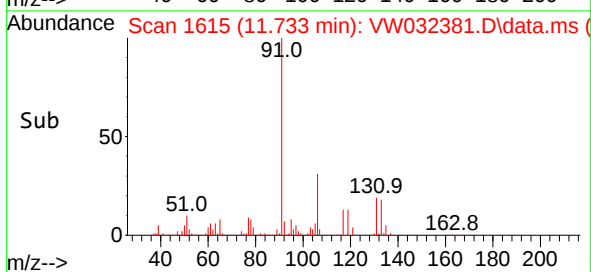
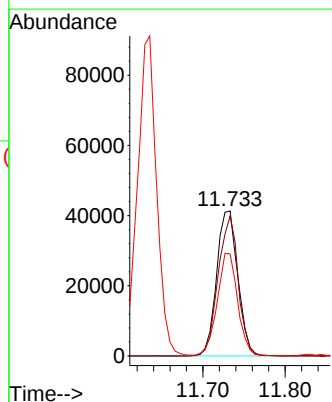
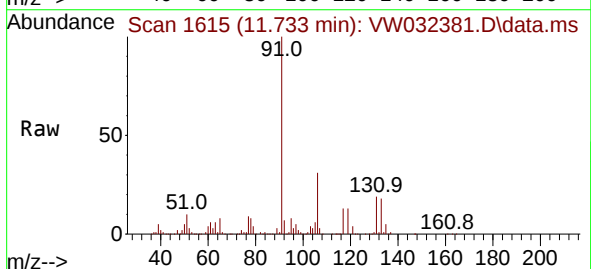
Manual Integrations
APPROVED

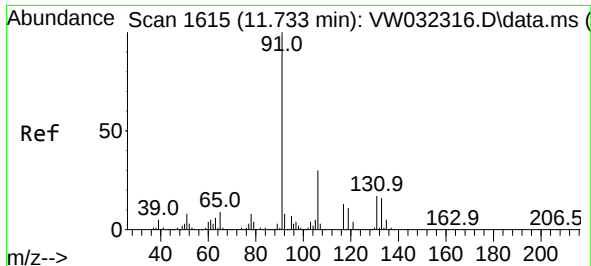
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.457 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

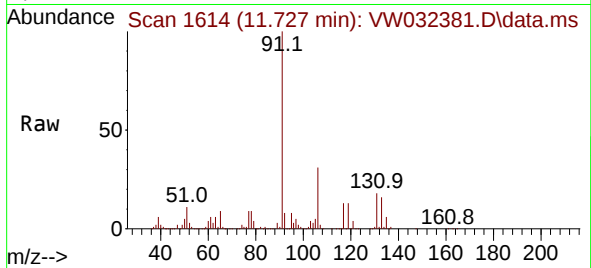
Tgt Ion:131 Resp: 74057
Ion Ratio Lower Upper
131 100
133 91.7 47.7 143.1
119 68.4 32.8 98.3





#67
Ethyl Benzene
Concen: 20.647 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

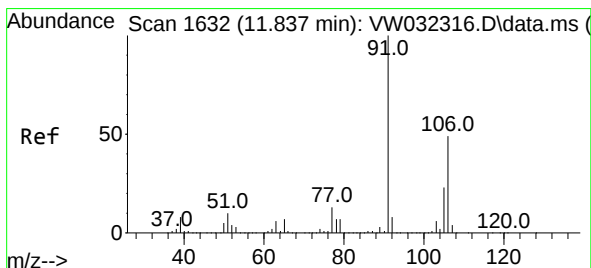
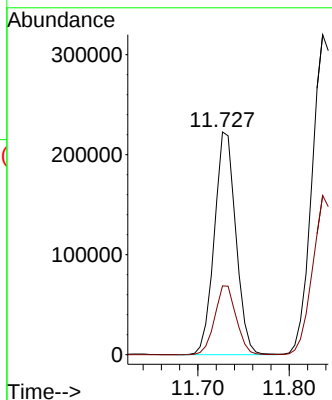
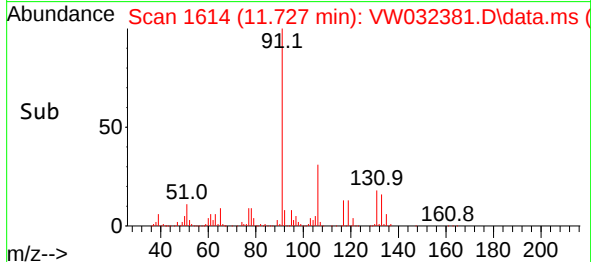
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01



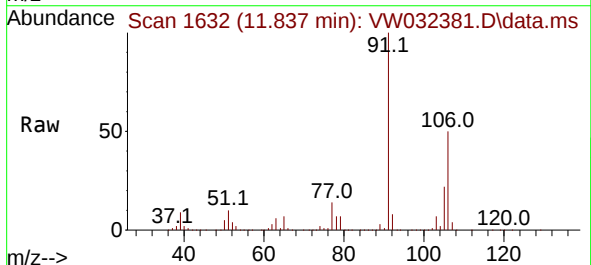
Tgt Ion: 91 Resp: 364394
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

Manual Integrations
APPROVED

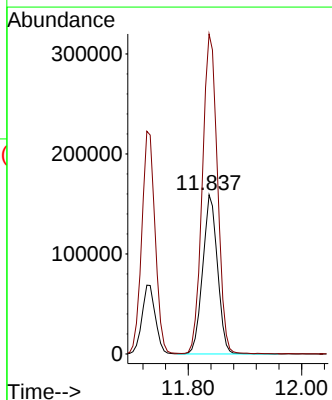
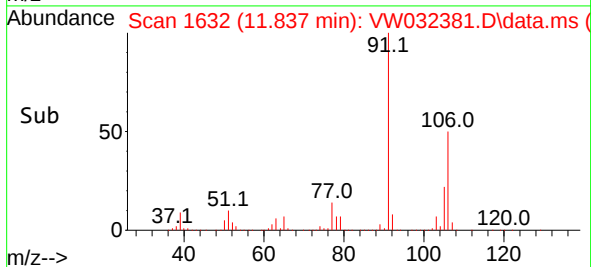
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

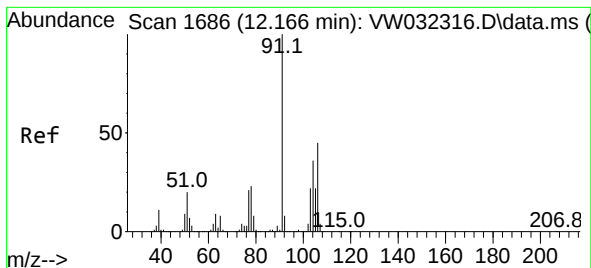


#68
m/p-Xylenes
Concen: 42.215 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



Tgt Ion:106 Resp: 287294
Ion Ratio Lower Upper
106 100
91 205.6 164.2 246.2





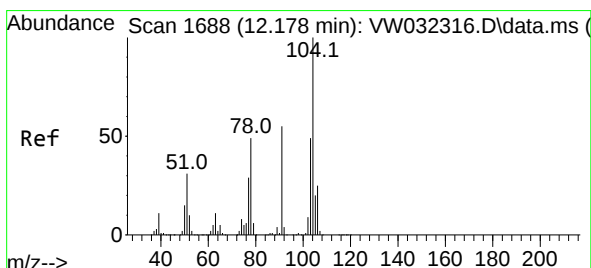
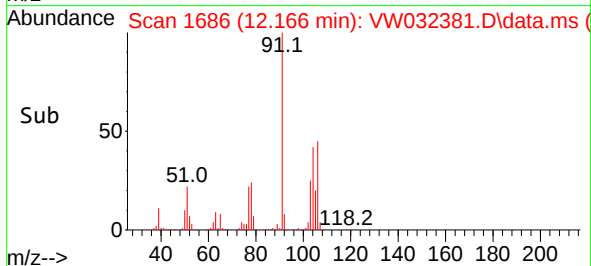
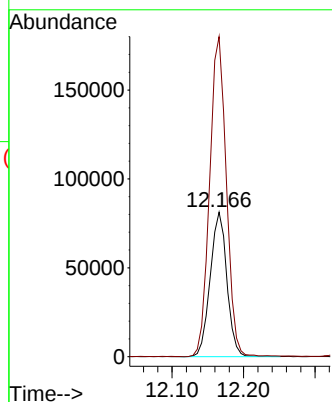
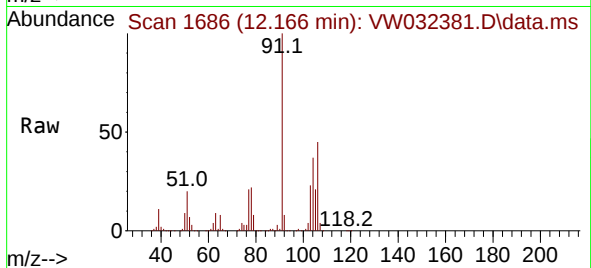
#69
o-Xylene
Concen: 20.691 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion:106 Resp: 131683
Ion Ratio Lower Upper
106 100
91 221.9 108.7 326.3

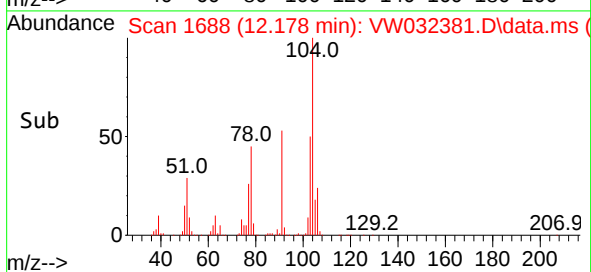
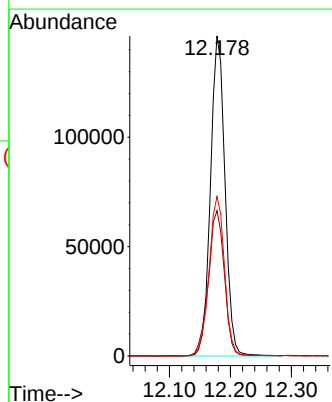
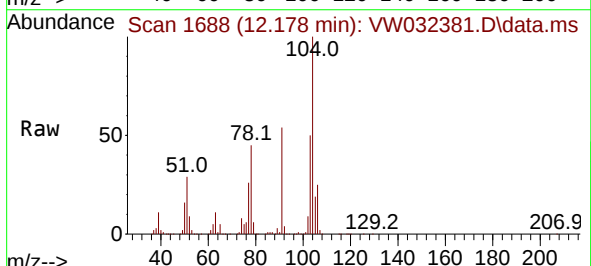
Manual Integrations
APPROVED

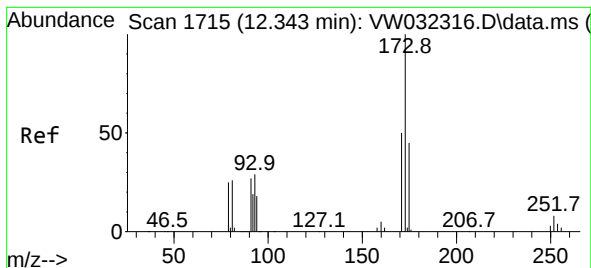
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 21.782 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:104 Resp: 242035
Ion Ratio Lower Upper
104 100
78 50.2 41.6 62.4
103 53.3 44.8 67.2





#71

Bromoform

Concen: 23.454 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

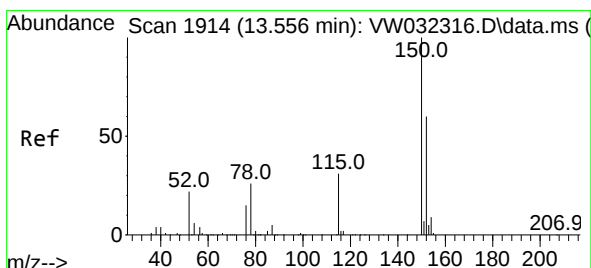
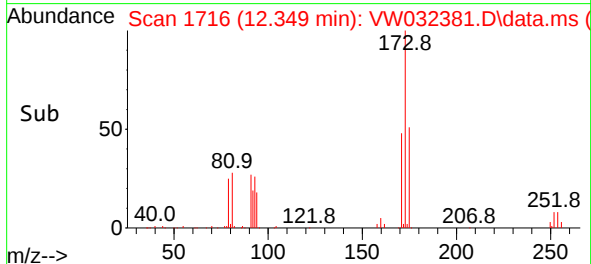
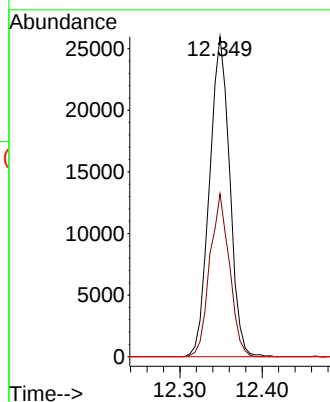
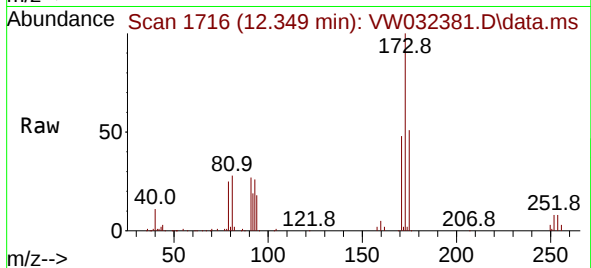
Tgt Ion:	173	Resp:	44334
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.9	74.7
254	0.0	0.2	0.2

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

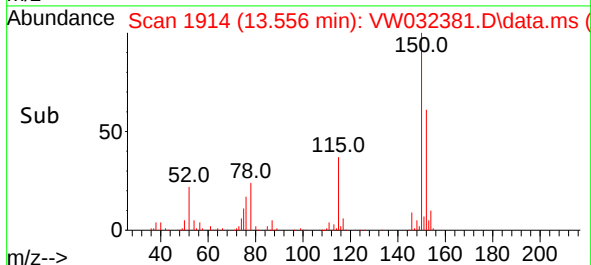
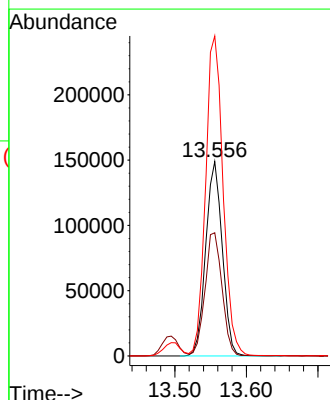
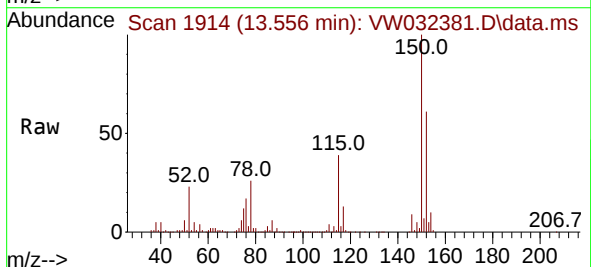
RT: 13.556 min Scan# 1914

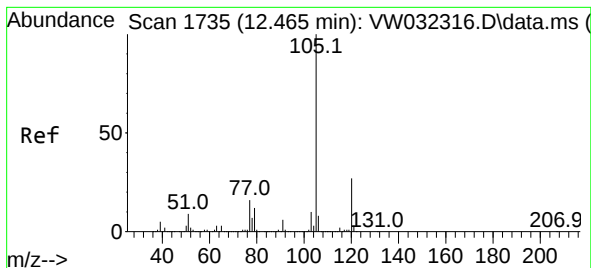
Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Tgt Ion:	152	Resp:	239754
Ion Ratio	Lower	Upper	
152	100		
115	65.0	31.8	95.4
150	173.0	0.0	343.0





#73

Isopropylbenzene

Concen: 19.804 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion:105 Resp: 32484

Ion Ratio Lower Upper

105 100

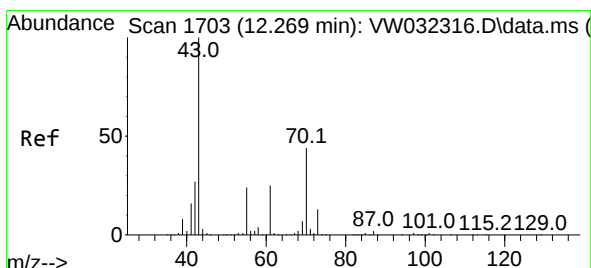
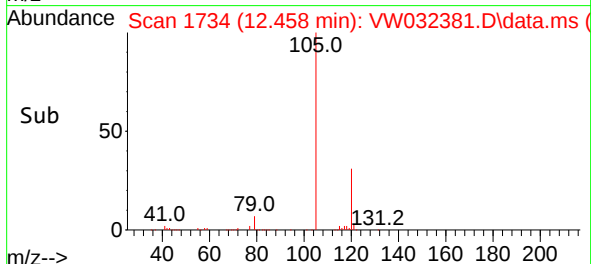
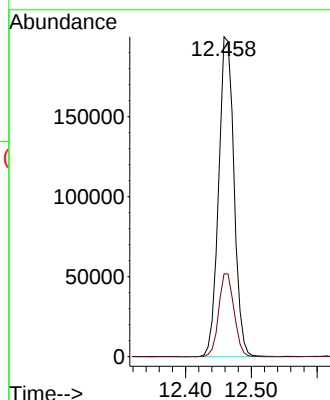
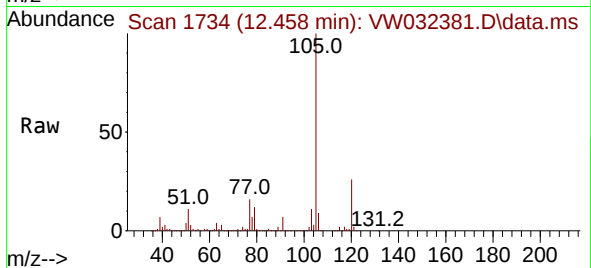
120 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#74

N-ethyl acetate

Concen: 20.882 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Tgt Ion: 43 Resp: 109272

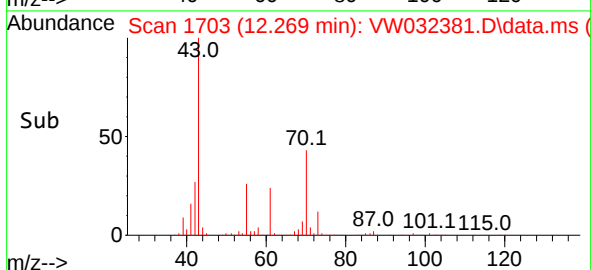
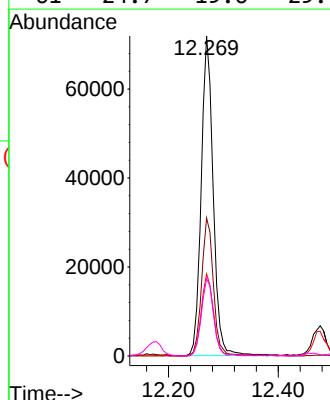
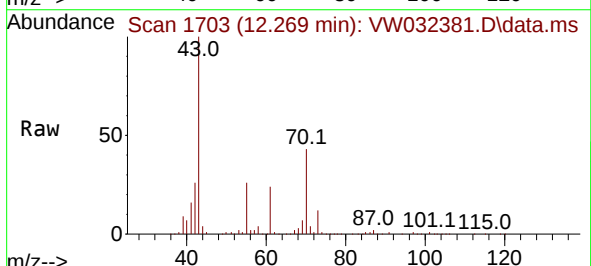
Ion Ratio Lower Upper

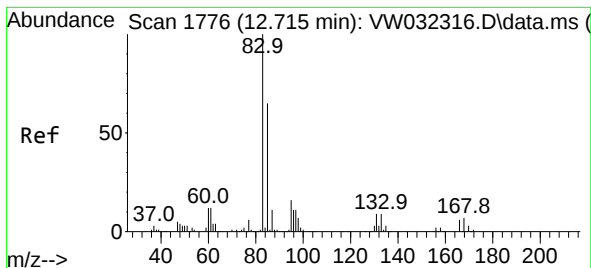
43 100

70 42.7 35.3 52.9

55 26.5 19.9 29.9

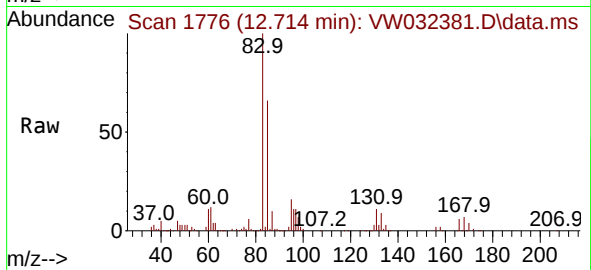
61 24.7 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.817 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

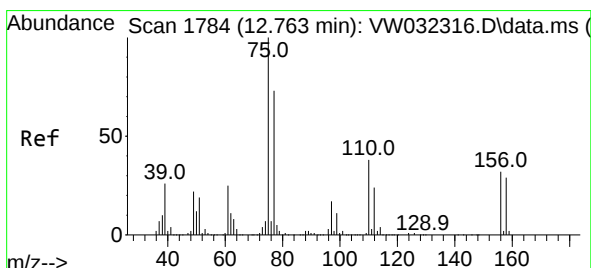
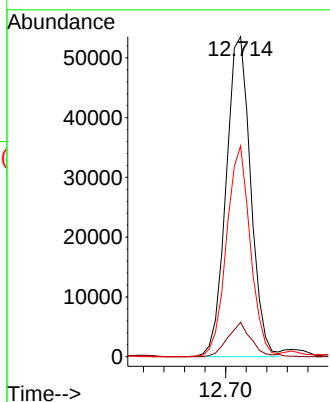
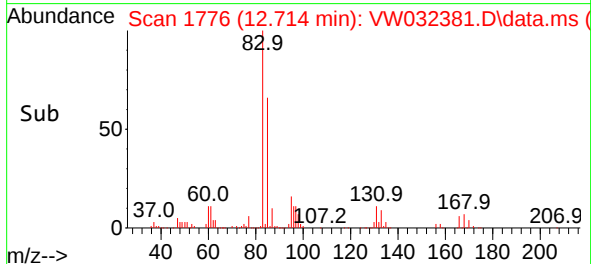
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



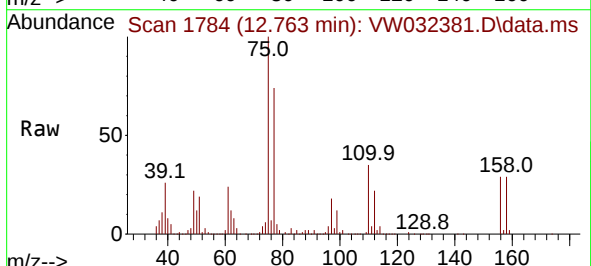
Tgt Ion: 83 Resp: 8885
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 63.9 32.2 96.6

Manual Integrations
APPROVED

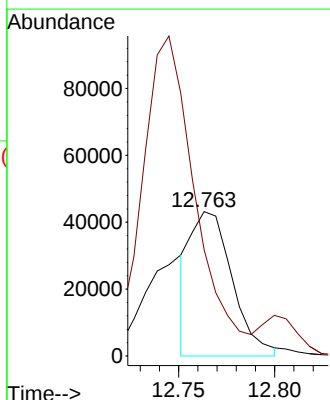
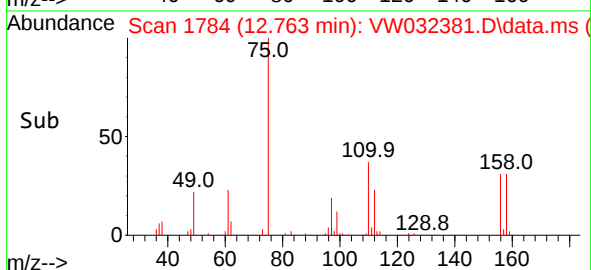
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

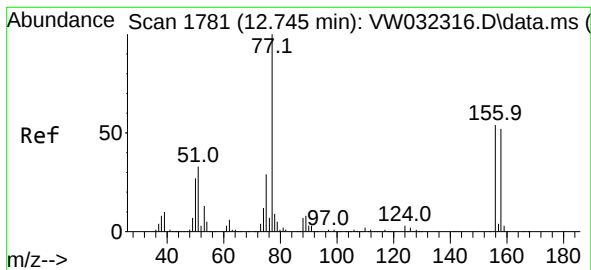


#76
1,2,3-Trichloropropane
Concen: 20.661 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



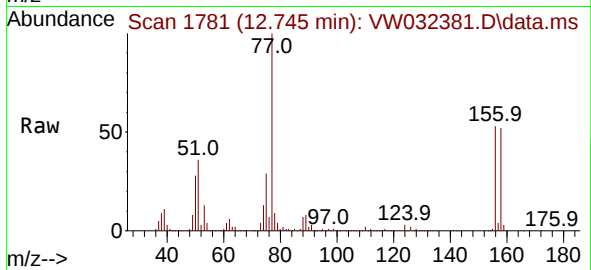
Tgt Ion: 75 Resp: 65188
Ion Ratio Lower Upper
75 100
77 280.8 141.7 425.1





#77
Bromobenzene
Concen: 21.370 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

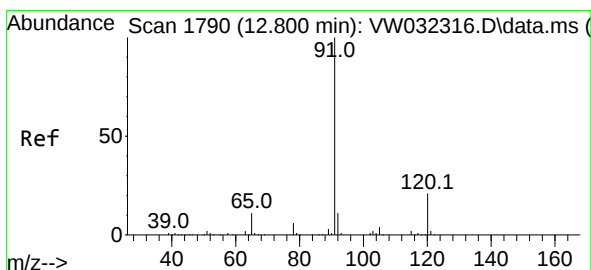
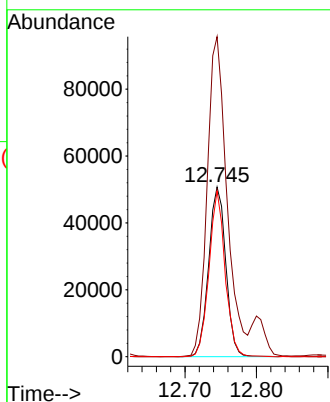
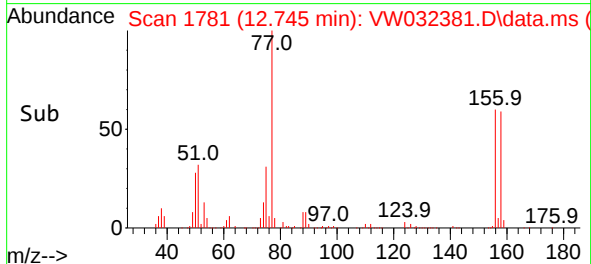
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



Tgt Ion:156 Resp: 84499
Ion Ratio Lower Upper
156 100
77 216.6 98.6 295.7
158 92.0 48.4 145.0

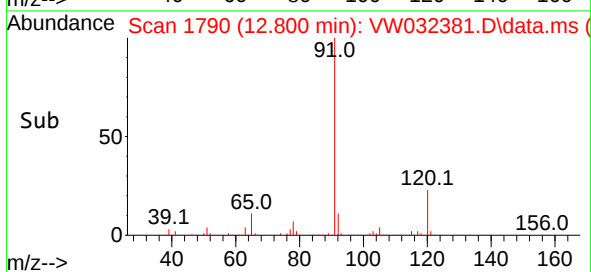
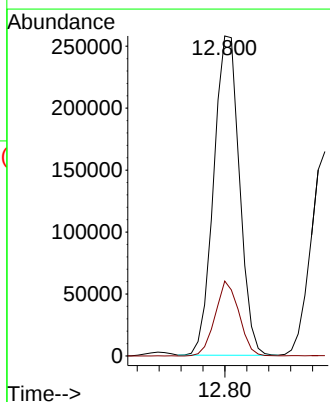
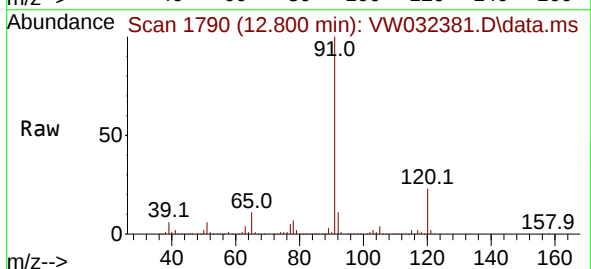
Manual Integrations
APPROVED

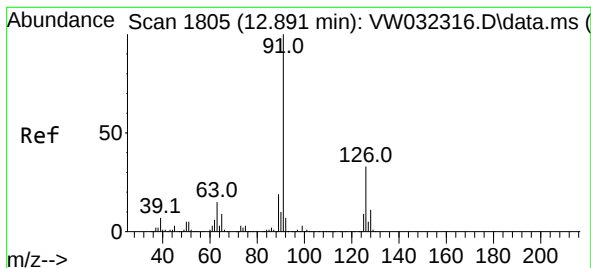
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#78
n-propylbenzene
Concen: 20.504 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 91 Resp: 420117
Ion Ratio Lower Upper
91 100
120 21.7 11.8 35.4





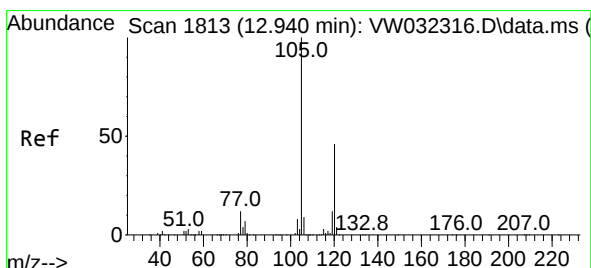
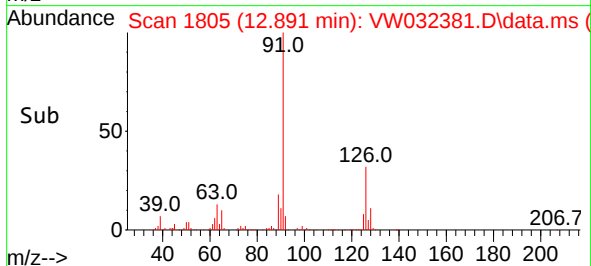
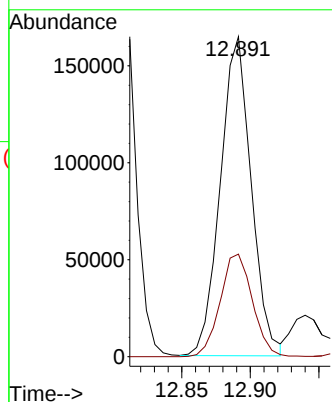
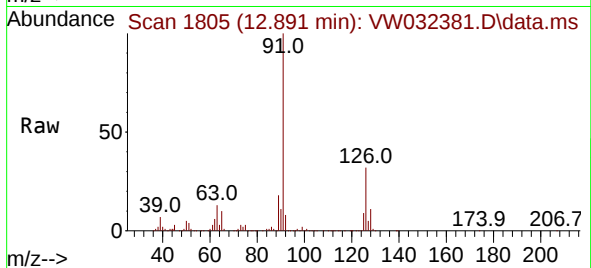
#79
2-Chlorotoluene
Concen: 20.609 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 91 Resp: 25819
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7

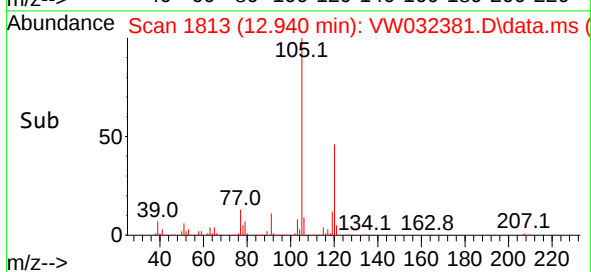
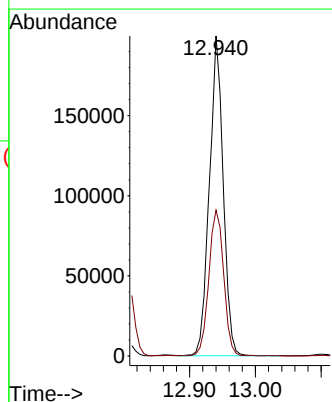
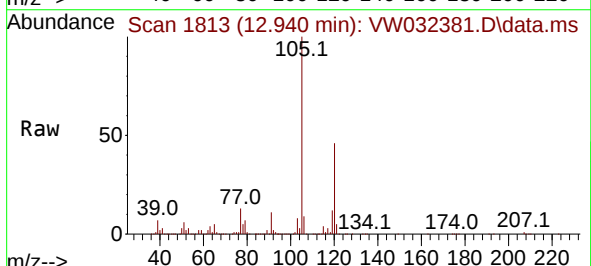
Manual Integrations
APPROVED

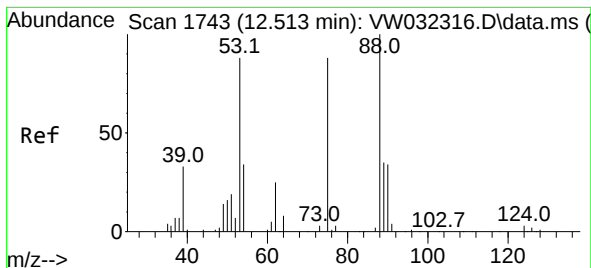
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.623 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:105 Resp: 292510
Ion Ratio Lower Upper
105 100
120 48.6 24.8 74.4





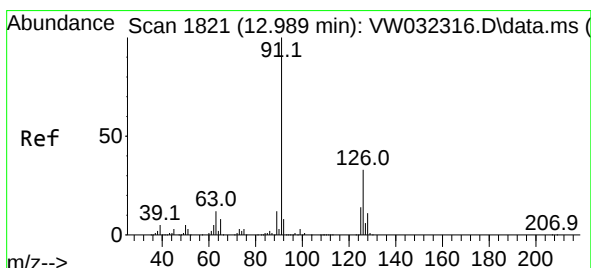
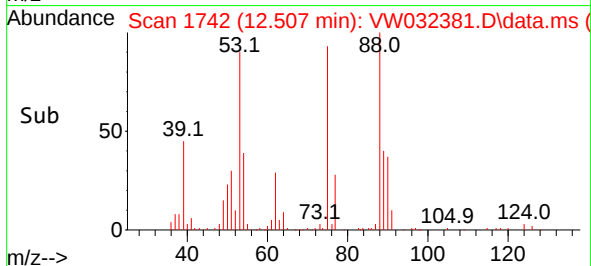
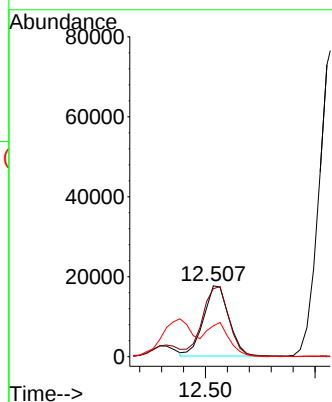
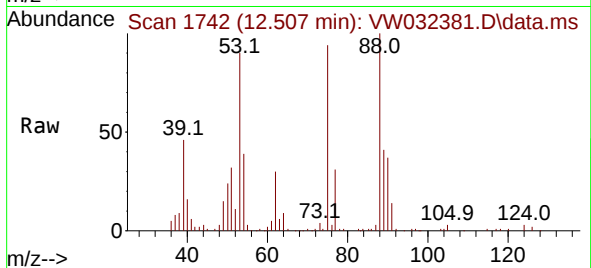
#81
trans-1,4-Dichloro-2-butene
Concen: 22.759 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 75 Resp: 2834
Ion Ratio Lower Upper
75 100
53 104.8 91.0 136.6
89 42.6 39.4 59.2

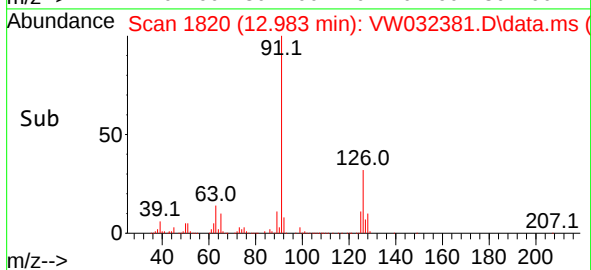
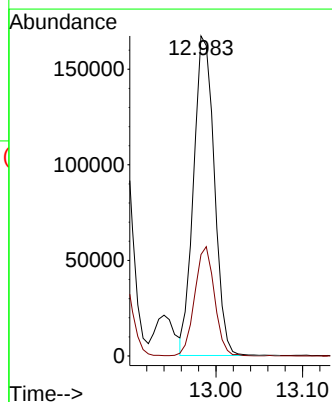
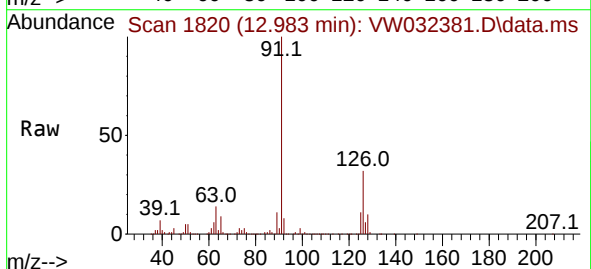
Manual Integrations
APPROVED

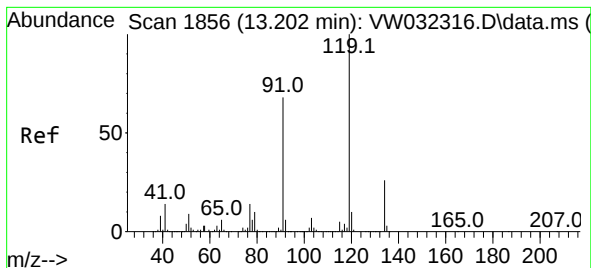
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#82
4-Chlorotoluene
Concen: 20.836 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

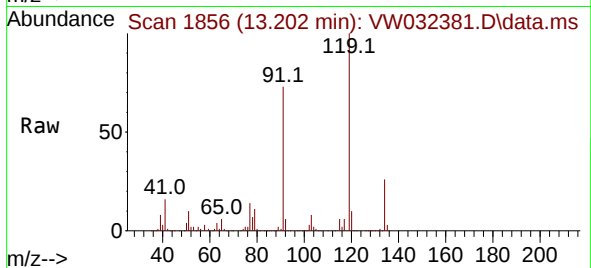
Tgt Ion: 91 Resp: 277521
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2





#83
tert-Butylbenzene
Concen: 19.983 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

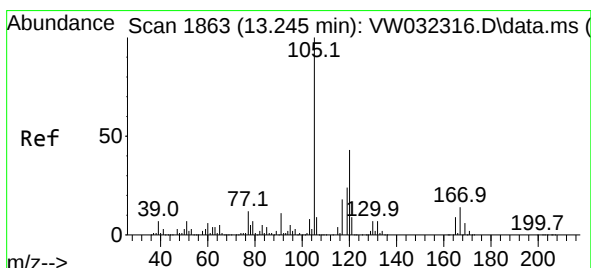
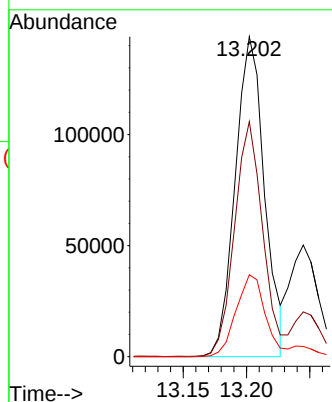
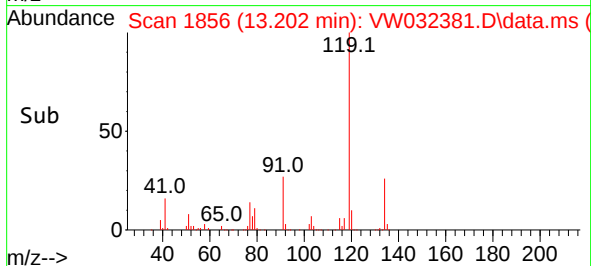
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



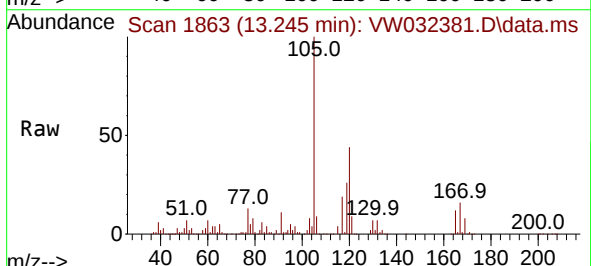
Tgt Ion:119 Resp: 23255
Ion Ratio Lower Upper
119 100
91 71.7 33.8 101.3
134 25.7 12.5 37.5

Manual Integrations
APPROVED

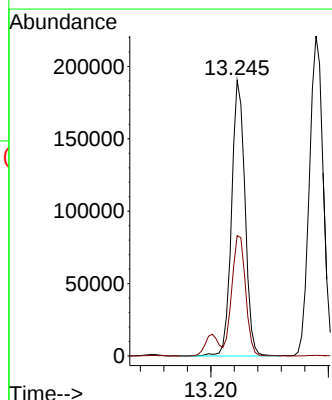
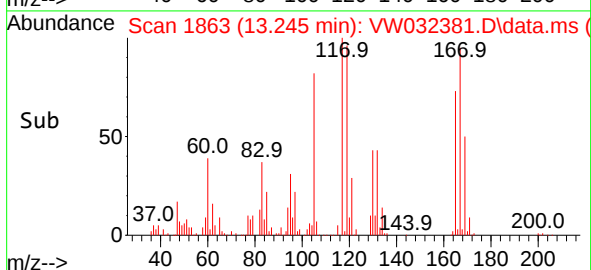
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

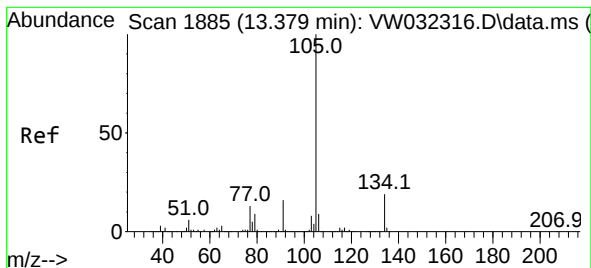


#84
1,2,4-Trimethylbenzene
Concen: 20.959 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



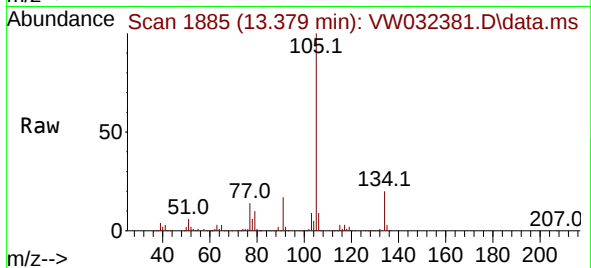
Tgt Ion:105 Resp: 302270
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.3





#85
sec-Butylbenzene
Concen: 20.163 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

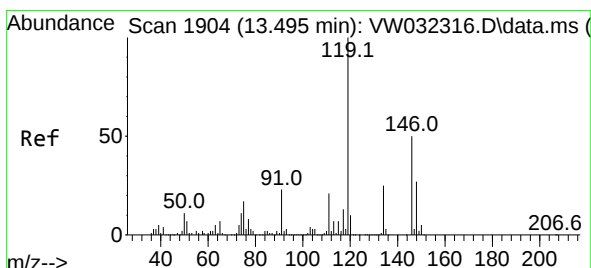
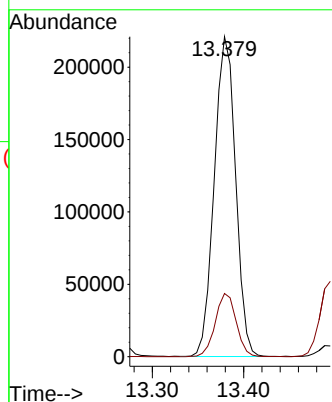
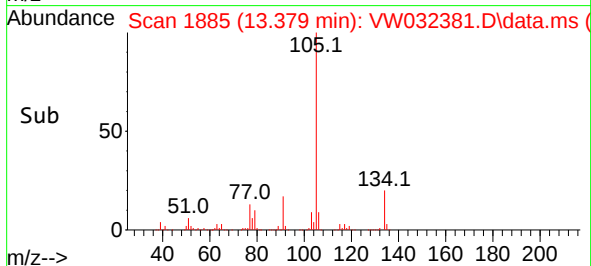
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01



Tgt Ion:105 Resp: 358589
Ion Ratio Lower Upper
105 100
134 19.4 10.1 30.1

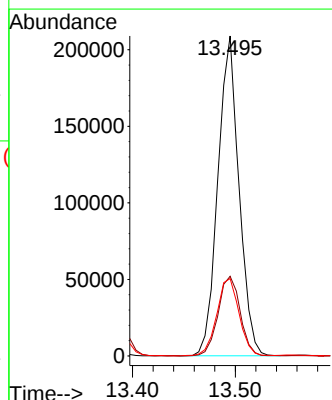
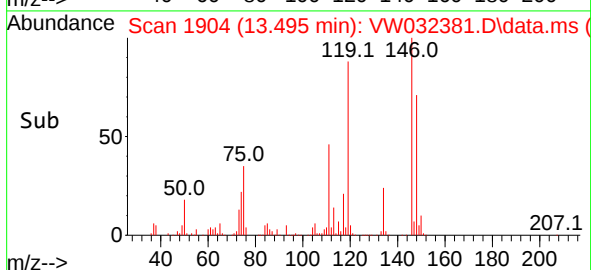
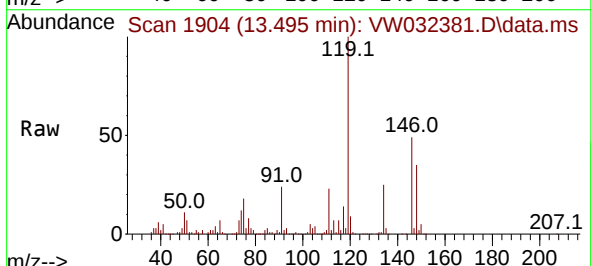
Manual Integrations
APPROVED

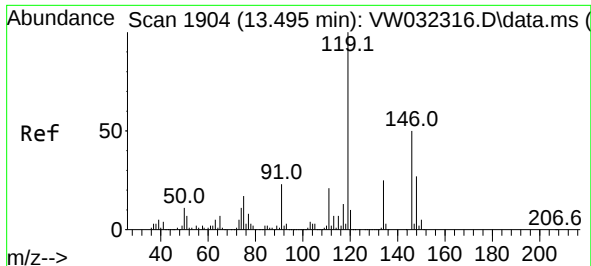
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#86
p-Isopropyltoluene
Concen: 20.136 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:119 Resp: 297141
Ion Ratio Lower Upper
119 100
134 26.1 12.6 37.6
91 25.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 21.478 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

Tgt Ion:146 Resp: 171969

Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.9

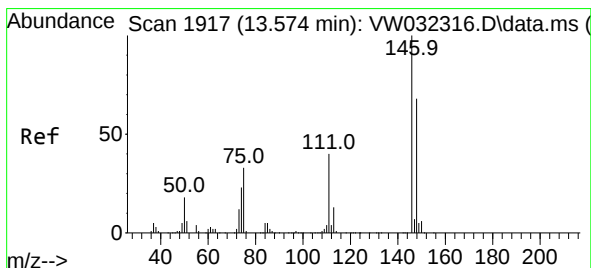
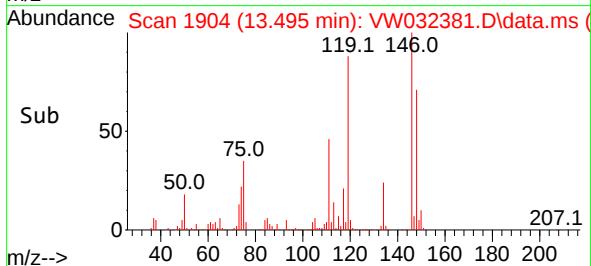
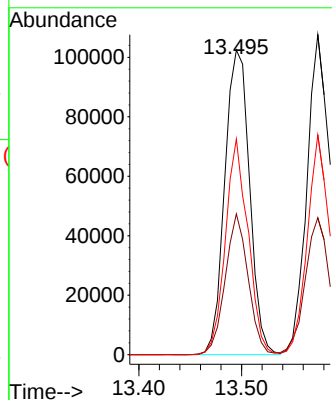
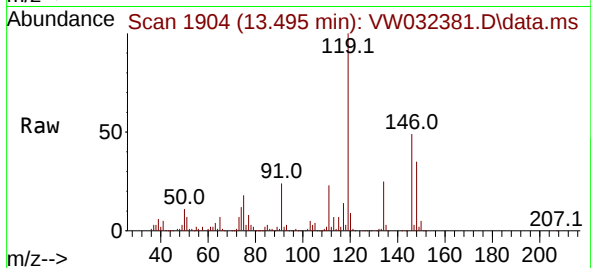
148 64.5 30.6 92.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 21.021 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

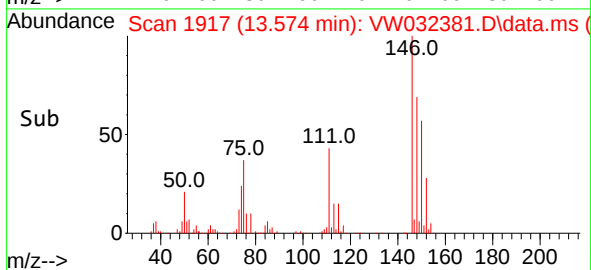
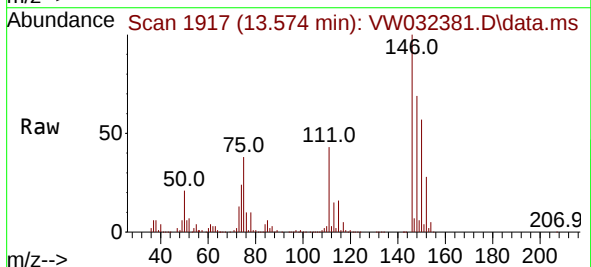
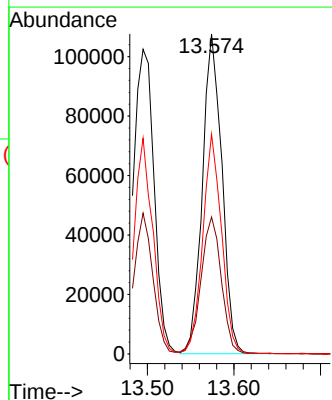
Tgt Ion:146 Resp: 168290

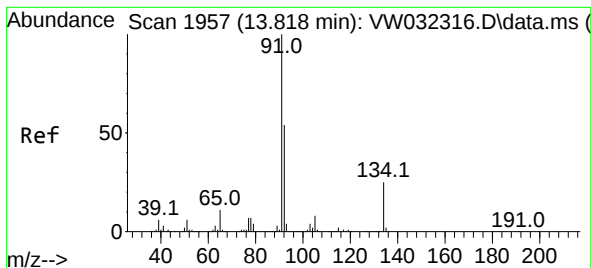
Ion Ratio Lower Upper

146 100

111 44.5 21.3 63.7

148 66.3 33.4 100.1





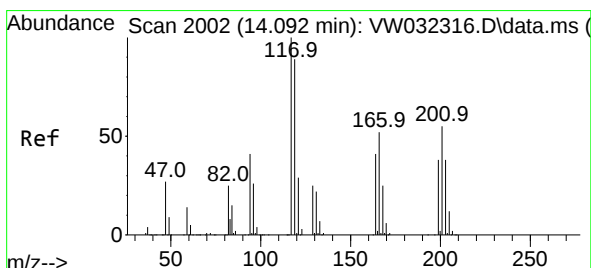
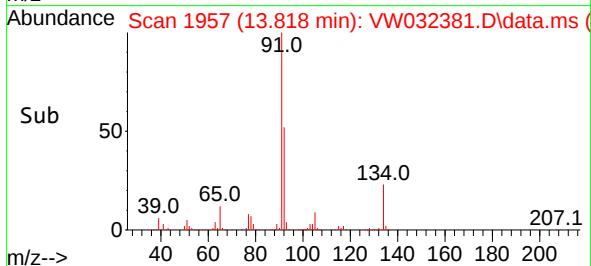
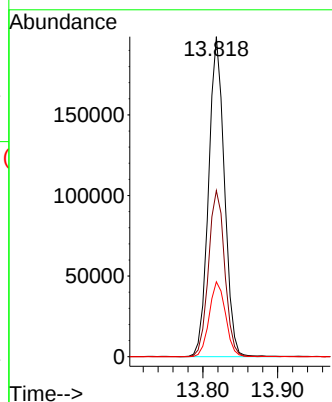
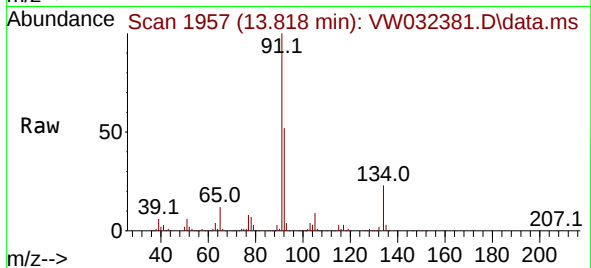
#89
n-Butylbenzene
Concen: 20.234 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

Tgt Ion: 91 Resp: 29152
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 24.1 13.1 39.3

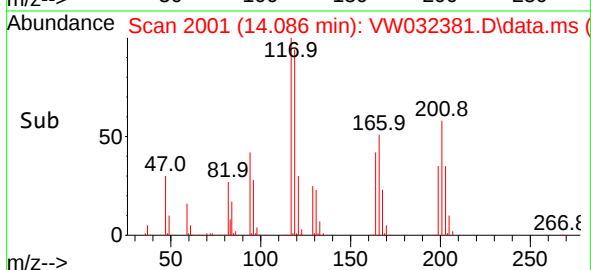
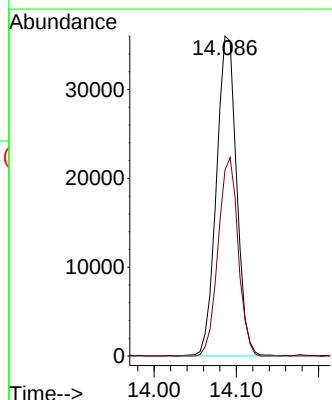
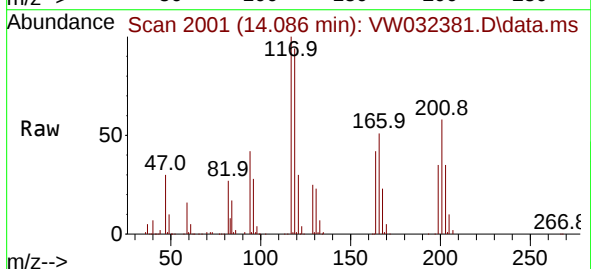
Manual Integrations
APPROVED

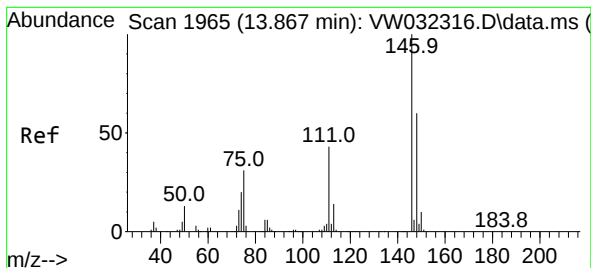
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#90
Hexachloroethane
Concen: 23.273 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:117 Resp: 61557
Ion Ratio Lower Upper
117 100
201 61.3 32.8 98.4





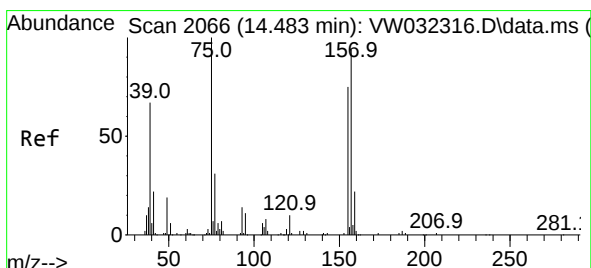
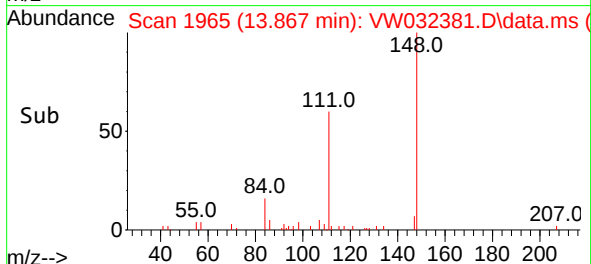
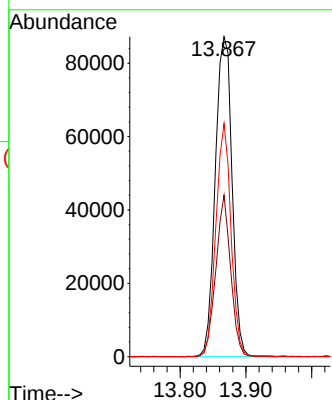
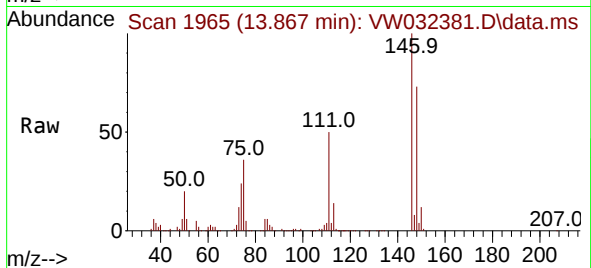
#91
1,2-Dichlorobenzene
Concen: 21.342 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

Tgt Ion:146 Resp: 15446
Ion Ratio Lower Upper
146 100
111 44.9 23.4 70.0
148 66.0 34.1 102.3

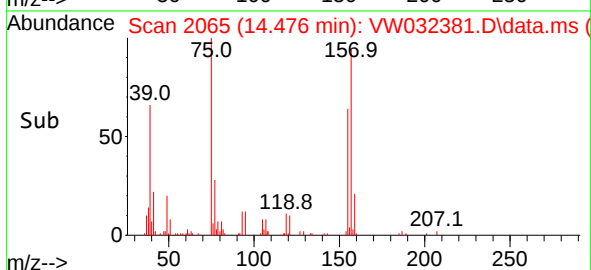
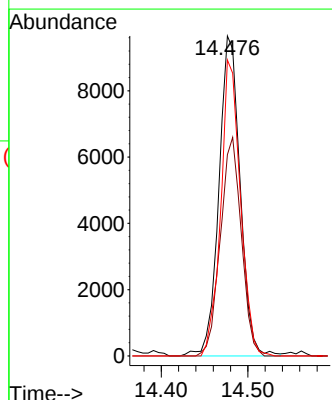
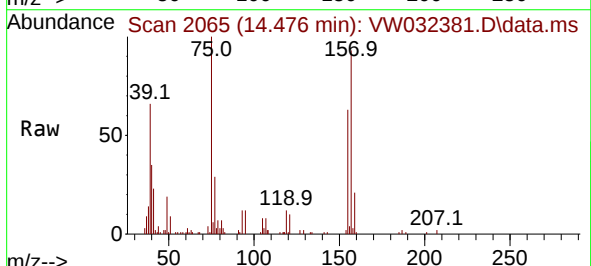
Manual Integrations
APPROVED

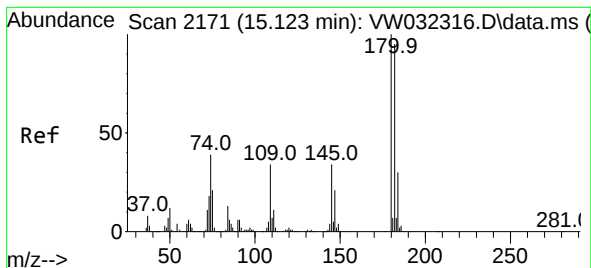
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.030 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

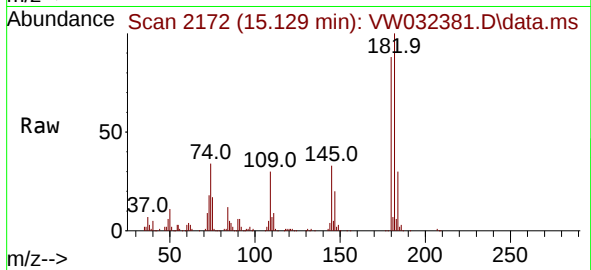
Tgt Ion: 75 Resp: 16422
Ion Ratio Lower Upper
75 100
155 67.4 40.8 122.5
157 85.8 51.8 155.4





#93
1,2,4-Trichlorobenzene
Concen: 20.256 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

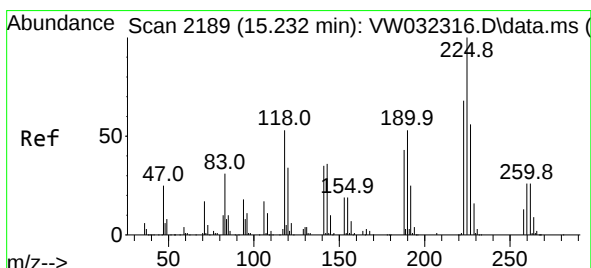
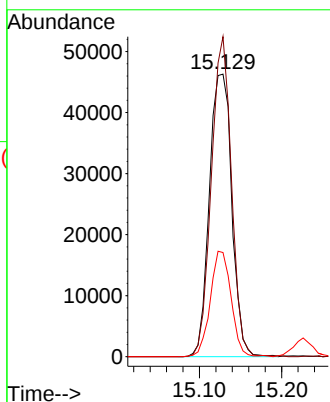
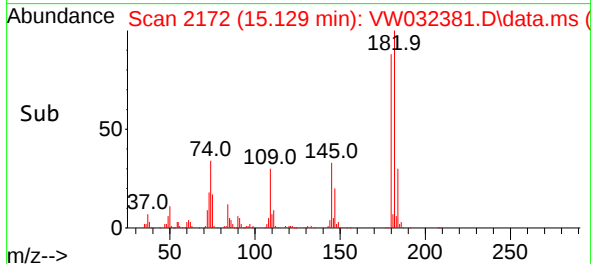
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01



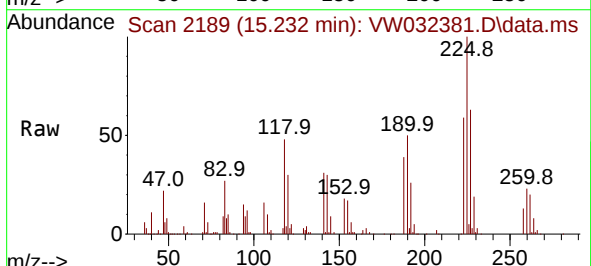
Tgt Ion:180 Resp: 87912
Ion Ratio Lower Upper
180 100
182 101.2 47.4 142.2
145 34.6 16.4 49.1

Manual Integrations
APPROVED

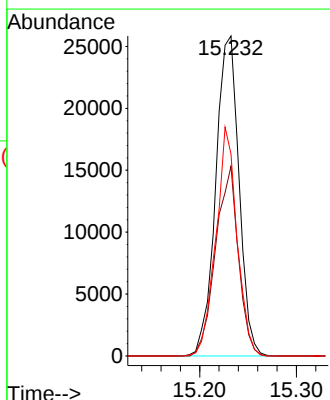
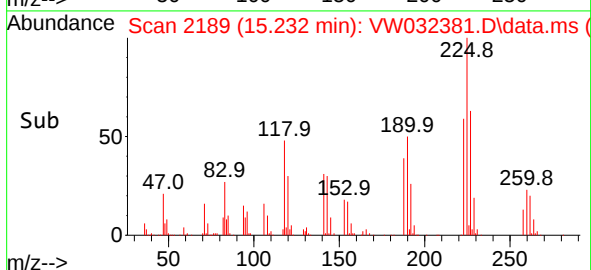
Reviewed By :Amit Patel 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

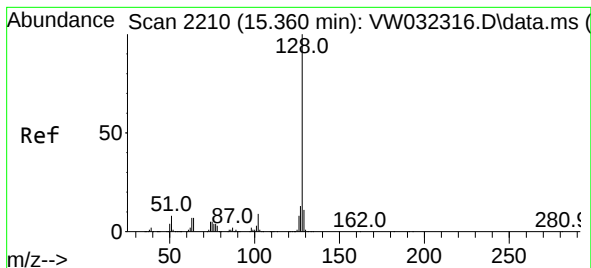


#94
Hexachlorobutadiene
Concen: 21.748 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03



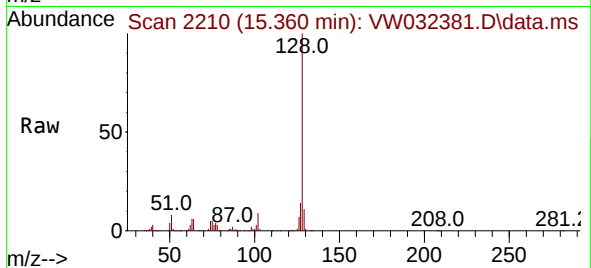
Tgt Ion:225 Resp: 43154
Ion Ratio Lower Upper
225 100
223 57.9 29.8 89.3
227 64.9 30.5 91.5





#95
Naphthalene
Concen: 20.040 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

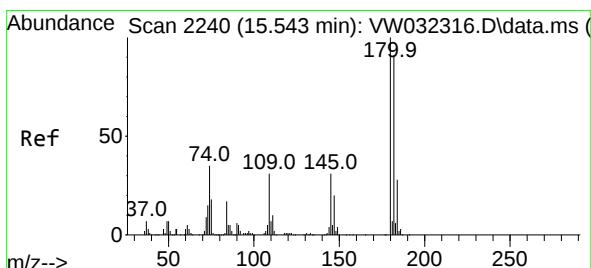
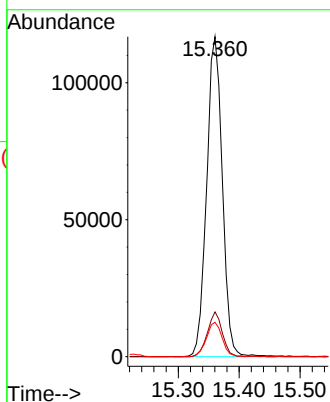
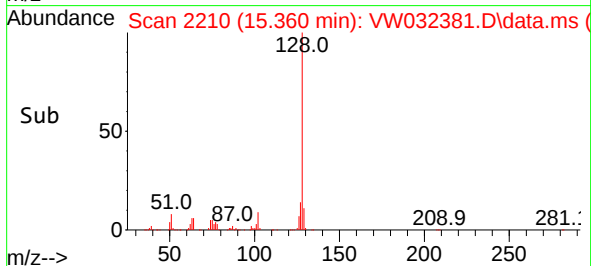
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01



Tgt Ion:128 Resp: 208869
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 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: 20.929 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:180 Resp: 85615
Ion Ratio Lower Upper
180 100
182 95.8 47.7 143.1
145 34.6 17.2 51.6

