

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031626.D
 Acq On : 28 Jan 2025 18:17
 Operator : SY/MD
 Sample : Q1189-09MS
 Misc : 8.25g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R1MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025

Quant Time: Jan 29 07:34:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	911001	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	800861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	361165	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	190865	13.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.400%		
7) Chloroethane-d5	2.893	69	148020m	14.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.000%		
11) 1,1-Dichloroethene-d2	4.021	65	96208	15.126	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.520%		
21) 2-Butanone-d5	7.087	46	157243	68.427	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	136.860%#		
24) Chloroform-d	7.648	84	469615	19.919	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.680%		
26) 1,2-Dichloroethane-d4	8.300	65	263748	22.728	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.920%		
32) Benzene-d6	8.270	84	915369	18.196	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.800%		
36) 1,2-Dichloropropane-d6	9.270	67	301100	20.272	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.080%		
41) Toluene-d8	10.318	98	807301	17.777	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.120%		
43) trans-1,3-Dichloroprop...	10.574	79	129794	21.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.120%		
47) 2-Hexanone-d5	10.922	63	116142	76.624	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	153.240%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	272991	30.055	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	120.200%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	258265	20.388	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	214908	18.137	ug/L	96
3) Chloromethane	2.222	50	232874	18.962	ug/L	98
5) Vinyl chloride	2.375	62	275877	17.611	ug/L	98
6) Bromomethane	2.789	94	155399	16.973	ug/L	98
8) Chloroethane	2.929	64	158499	17.213	ug/L	97
9) Trichlorofluoromethane	3.259	101	243387	15.639	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	239706	20.116	ug/L	96
12) 1,1-Dichloroethene	4.045	96	234727	19.363	ug/L	98
13) Acetone	4.143	43	132939m	75.167	ug/L	
14) Carbon disulfide	4.393	76	663934	16.260	ug/L	100
15) Methyl Acetate	4.673	43	142211m	30.693	ug/L	
16) Methylene chloride	4.923	84	258315	20.820	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	256657	19.713	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	544226	26.067	ug/L	99
19) 1,1-Dichloroethane	6.215	63	515029	21.025	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	298823	21.496	ug/L	98
22) 2-Butanone	7.173	43	204190	67.601	ug/L	100
23) Bromochloromethane	7.508	128	132368	24.314	ug/L	97
25) Chloroform	7.673	83	511968	21.973	ug/L	96

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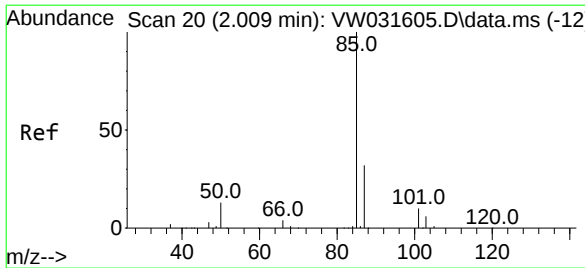
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025

Quant Time: Jan 29 07:34:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	360720	25.136	ug/L	100
29) Cyclohexane	7.953	56	456982	17.803	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	391020	18.808	ug/L	100
31) Carbon tetrachloride	8.063	117	354500	19.232	ug/L	99
33) Benzene	8.319	78	1114410	20.332	ug/L	100
34) Trichloroethene	9.087	95	286022	19.409	ug/L	96
35) Methylcyclohexane	9.331	83	436807	16.533	ug/L	99
37) 1,2-Dichloropropane	9.361	63	303157	22.006	ug/L	99
38) Bromodichloromethane	9.642	83	375724	22.547	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	483812	22.325	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	472387	68.697	ug/L	98
42) Toluene	10.385	91	1145708	19.996	ug/L	95
44) trans-1,3-Dichloropropene	10.599	75	414135	23.908	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	233824	26.480	ug/L	97
46) Tetrachloroethene	10.855	164	186728	17.658	ug/L	93
48) 2-Hexanone	10.965	43	332338	79.089	ug/L	99
49) Dibromochloromethane	11.123	129	244749	25.191	ug/L	91
50) 1,2-Dibromoethane	11.233	107	224837	27.473	ug/L	91
51) Chlorobenzene	11.654	112	724455	20.477	ug/L	99
52) Ethylbenzene	11.727	91	1295024	19.699	ug/L	98
53) m,p-Xylene	11.836	106	486341	19.402	ug/L	96
54) o-Xylene	12.160	106	476773	20.467	ug/L	98
55) Styrene	12.178	104	791586	20.422	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	303114	31.240	ug/L	100
59) Bromoform	12.342	173	137464	28.564	ug/L	100
60) Isopropylbenzene	12.458	105	1233563	19.552	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	224066	33.037	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	1006936	19.382	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	986733	19.515	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	503278	20.112	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	502126	20.288	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	468568	21.927	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	54719	36.087	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	280476	16.539	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	251739	18.637	ug/L	98
71) Naphthalene	15.354	128	746820	29.487	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230379	20.251	ug/L	94

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



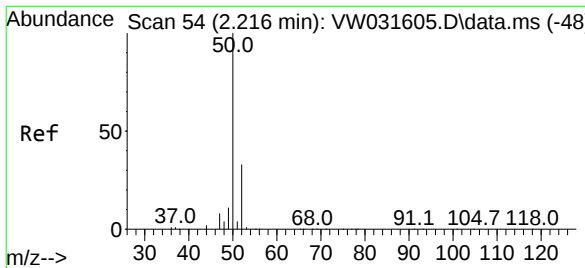
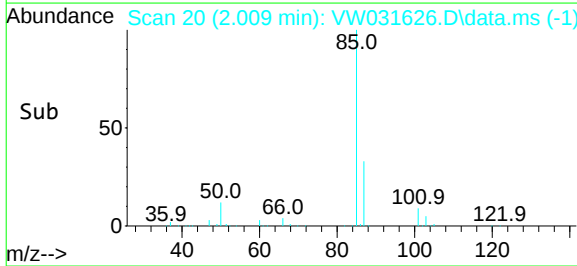
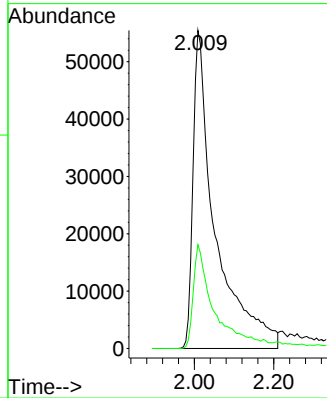
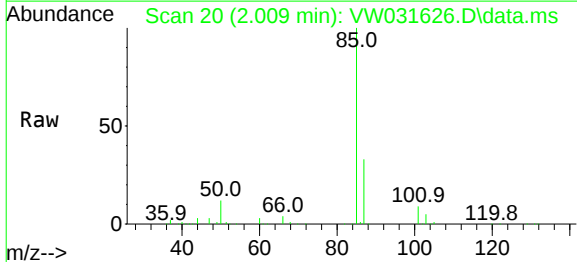
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Dichlorodifluoromethane
Concen: 18.137 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :
A44R1MS

Tgt Ion: 85 Resp: 214908
Ion Ratio Lower Upper
85 100
87 28.8 25.0 37.4

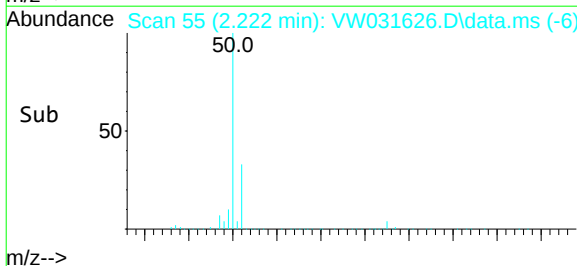
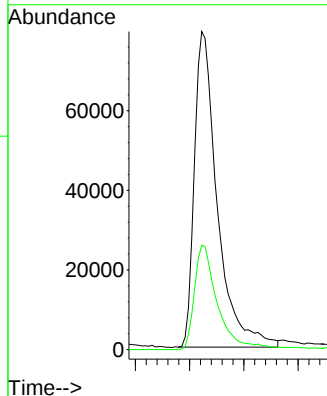
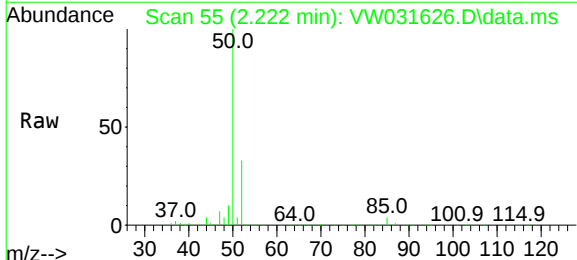
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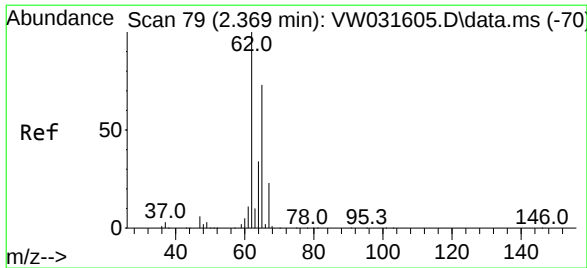
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#3
Chloromethane
Concen: 18.962 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 50 Resp: 232874
Ion Ratio Lower Upper
50 100
52 32.8 22.3 41.3





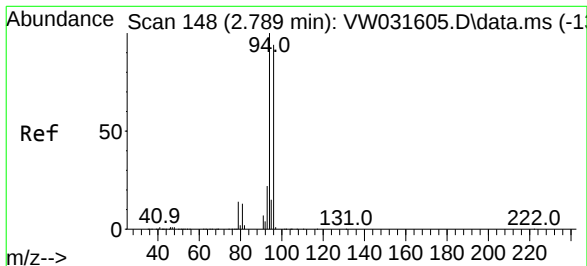
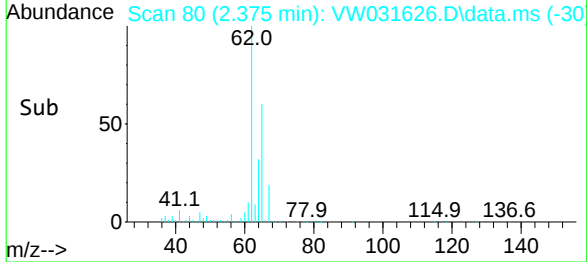
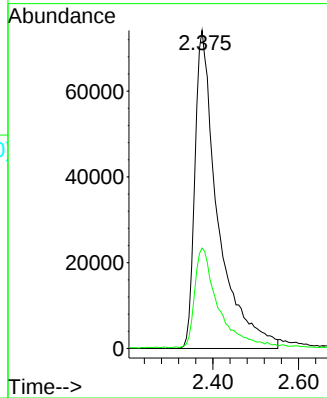
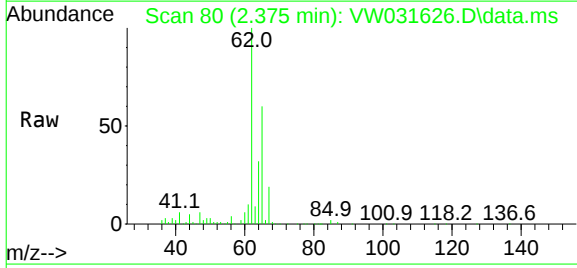
#5
 Vinyl chloride
 Concen: 17.611 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031626.D
 Acq: 28 Jan 2025 18:17

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R1MS

Tgt Ion: 62 Resp: 275877
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.7 42.3

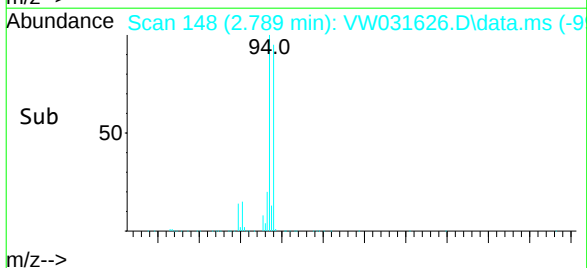
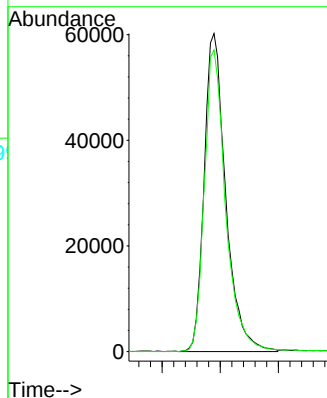
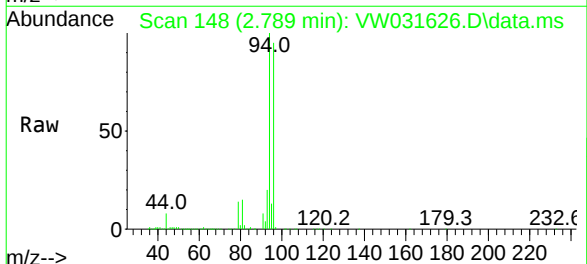
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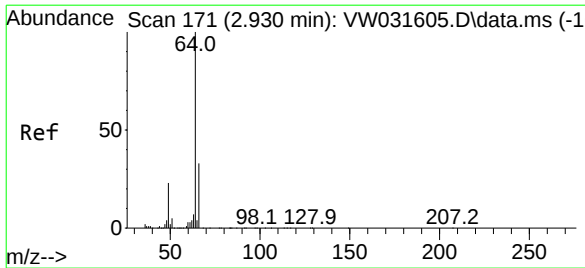
Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025



#6
 Bromomethane
 Concen: 16.973 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031626.D
 Acq: 28 Jan 2025 18:17

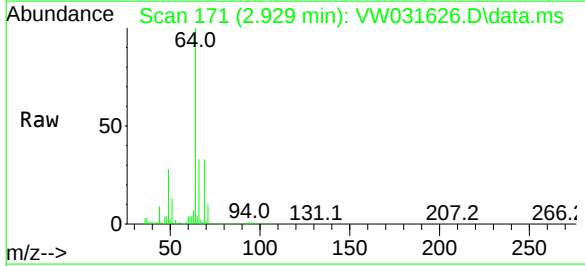
Tgt Ion: 94 Resp: 155399
 Ion Ratio Lower Upper
 94 100
 96 94.8 67.6 125.6





#8
Chloroethane
Concen: 17.213 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

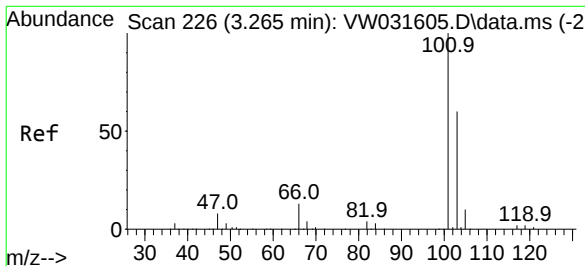
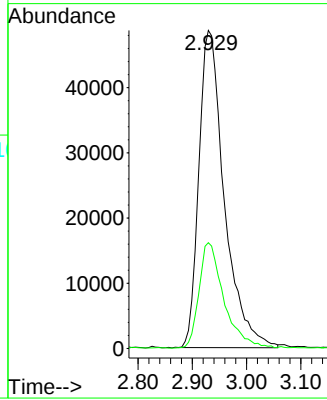
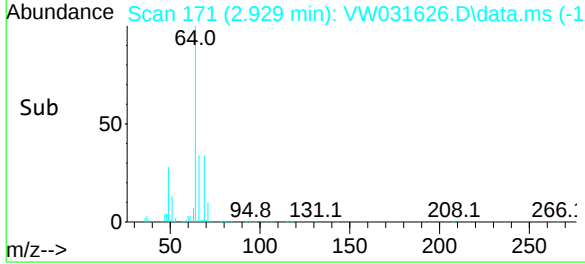
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



Tgt Ion: 64 Resp: 158499
Ion Ratio Lower Upper
64 100
66 33.3 22.3 41.3

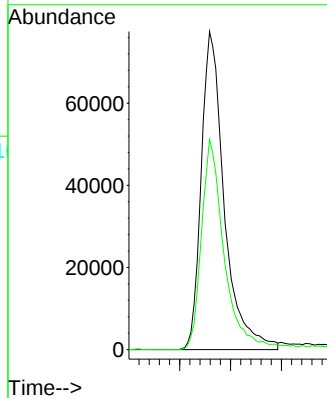
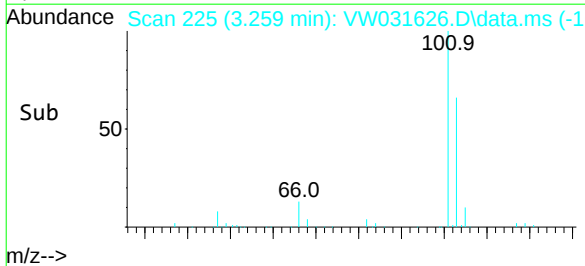
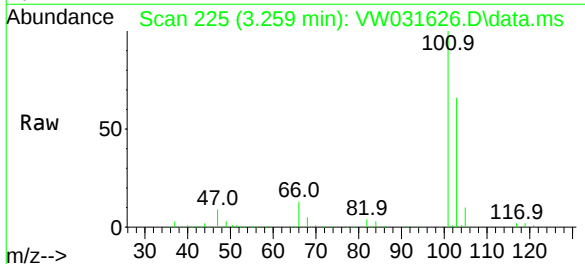
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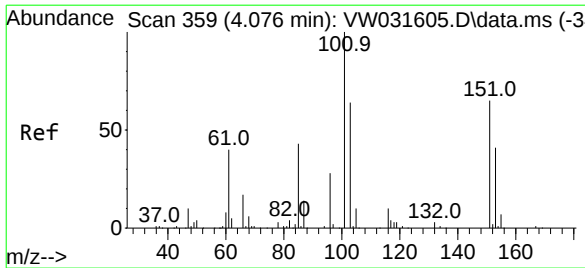
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#9
Trichlorofluoromethane
Concen: 15.639 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion:101 Resp: 243387
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.116 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :

A44R1MS

Tgt Ion: 101 Resp: 239706

Ion Ratio Lower Upper

101 100

85 41.4 36.1 54.1

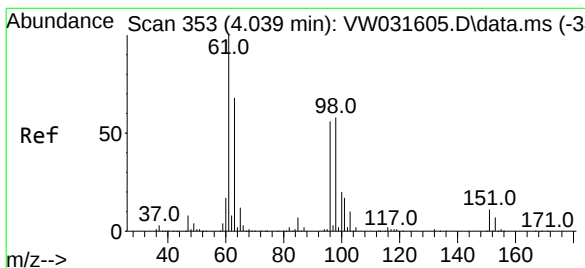
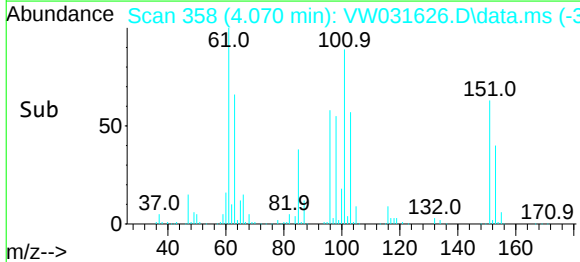
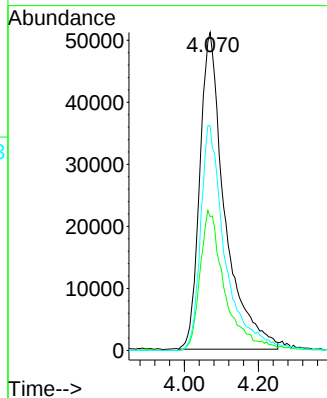
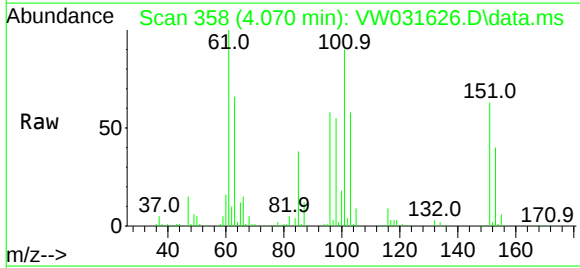
151 69.3 56.9 85.3

Manual Integrations

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Supervised By :Mahesh Dadoda 01/29/2025



#12

1,1-Dichloroethene

Concen: 19.363 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

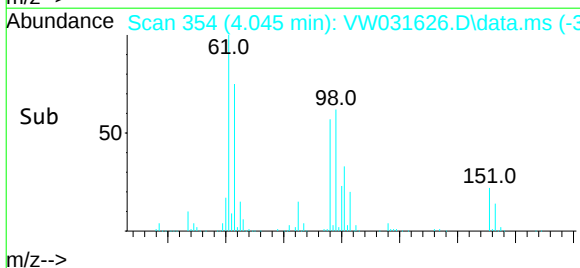
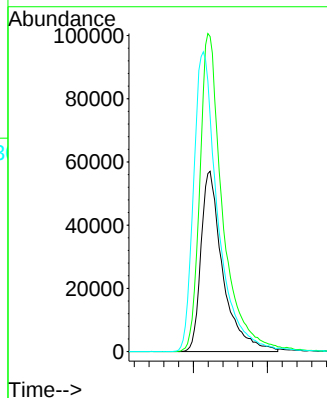
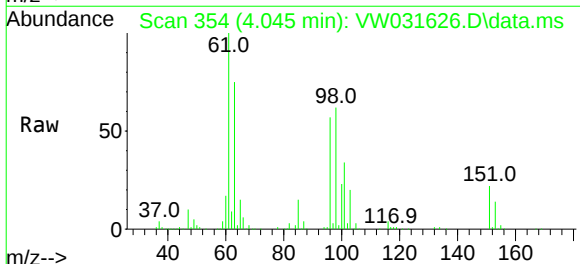
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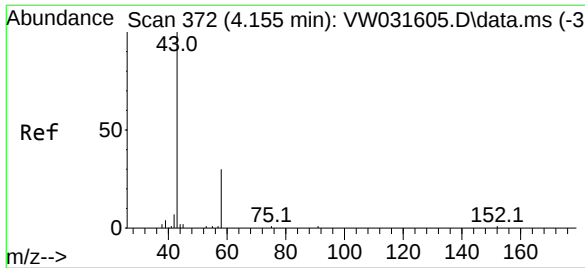
Ion Ratio Lower Upper

96 100

61 174.7 123.8 230.0

63 130.6 94.1 174.8





#13

Acetone

Concen: 75.167 ug/L m

RT: 4.143 min Scan# 371

Delta R.T. -0.025 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :

A44R1MS

Tgt Ion: 43 Resp: 132939

Ion Ratio Lower Upper

43 100

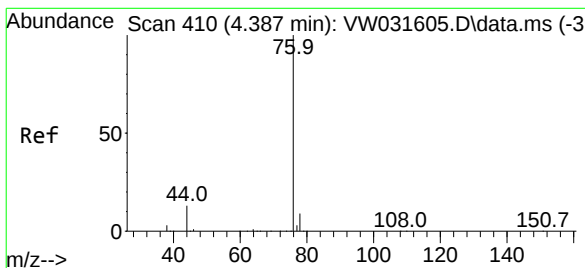
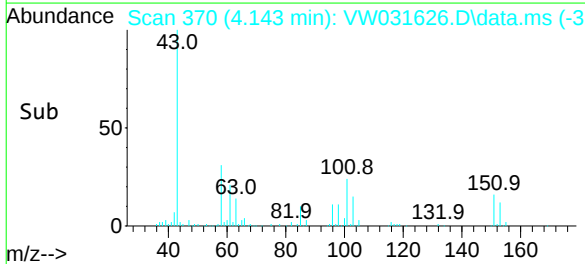
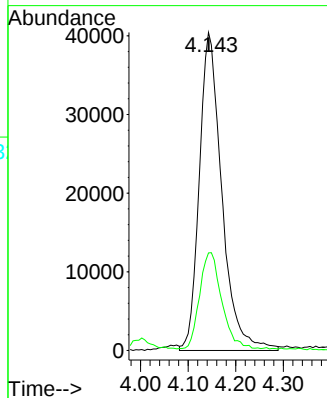
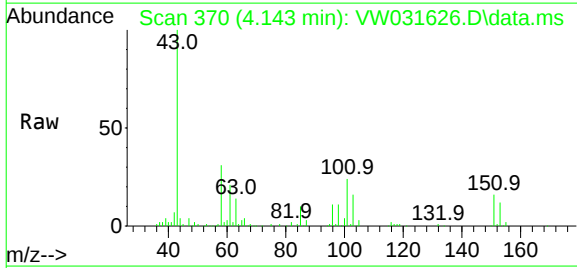
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Manual Integrations

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Supervised By :Mahesh Dadoda 01/29/2025



#14

Carbon disulfide

Concen: 16.260 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW031626.D

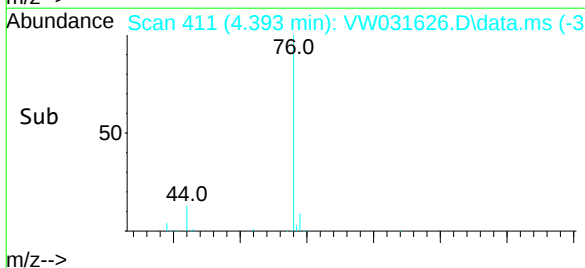
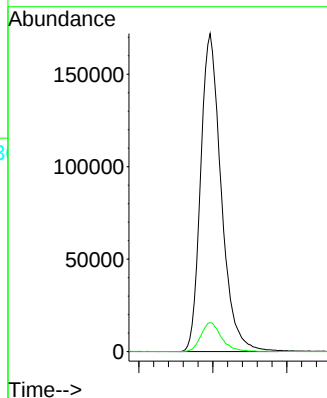
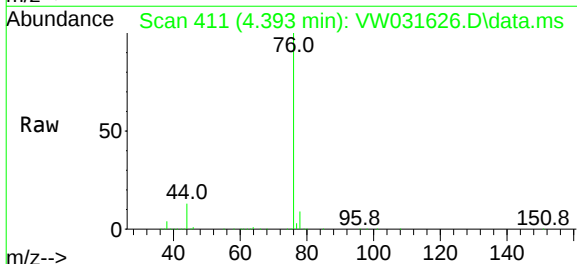
Acq: 28 Jan 2025 18:17

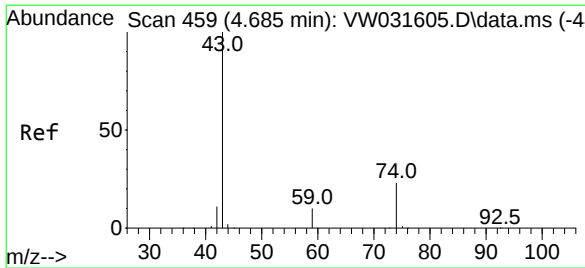
Tgt Ion: 76 Resp: 663934

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





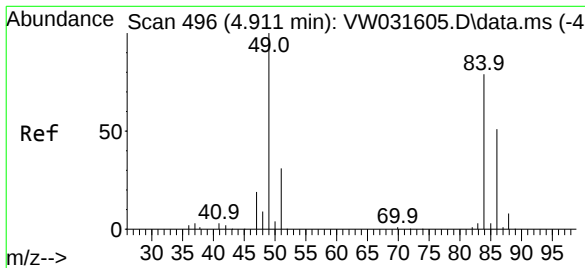
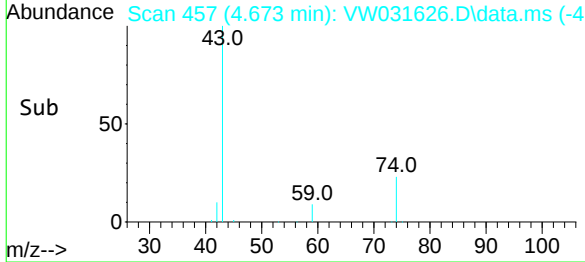
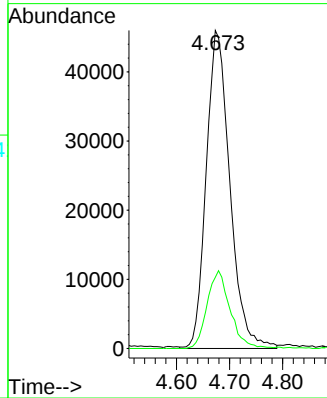
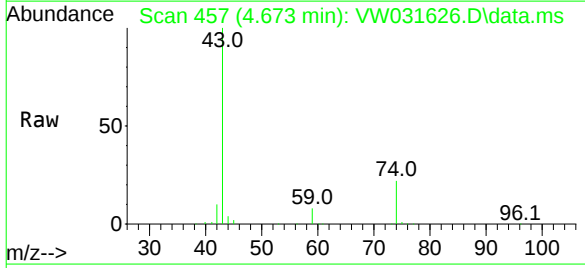
#15
Methyl Acetate
Concen: 30.693 ug/L m
RT: 4.673 min Scan# 459
Delta R.T. -0.012 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :
A44R1MS

Tgt Ion: 43 Resp: 142211
Ion Ratio Lower Upper
43 100
74 0.0 10.6 15.8#

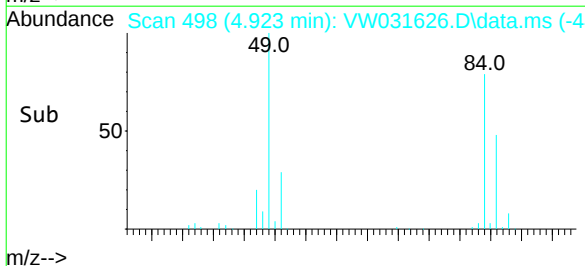
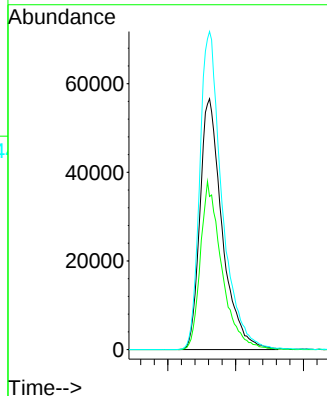
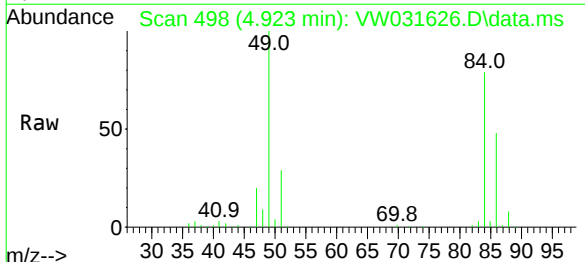
Manual Integrations
APPROVED

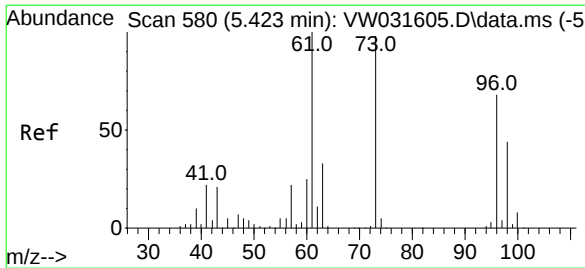
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#16
Methylene chloride
Concen: 20.820 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 84 Resp: 258315
Ion Ratio Lower Upper
84 100
86 61.0 47.0 87.2
49 126.8 89.8 166.8





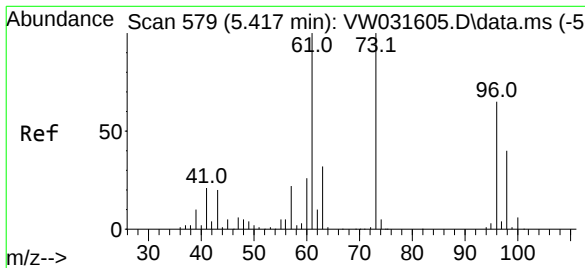
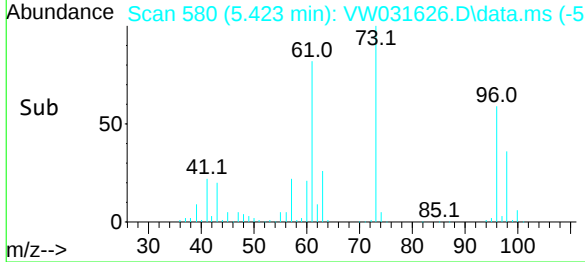
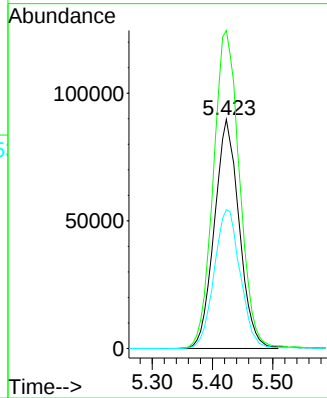
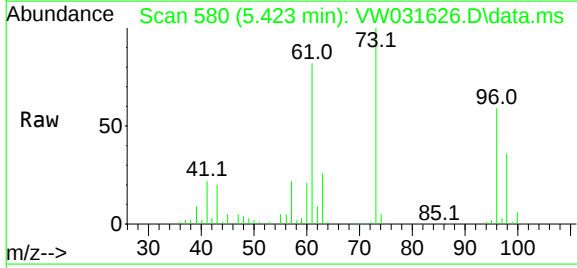
#17
trans-1,2-Dichloroethene
Concen: 19.713 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :
A44R1MS

Tgt Ion: 96 Resp: 256657
Ion Ratio Lower Upper
96 100
61 138.8 105.1 195.1
98 60.6 44.9 83.3

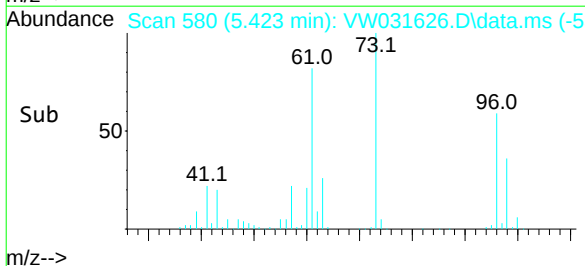
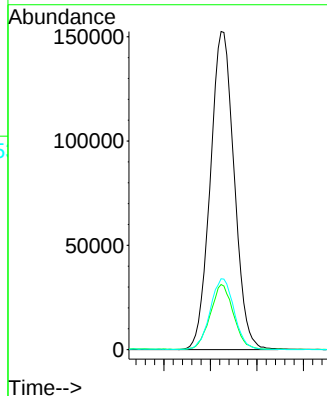
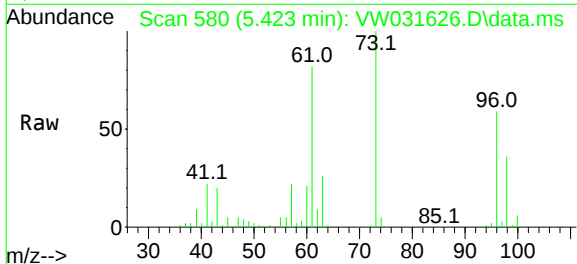
Manual Integrations
APPROVED

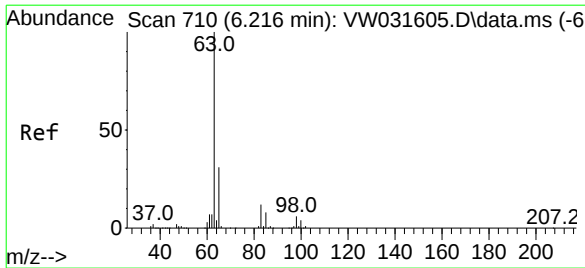
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#18
Methyl tert-butyl Ether
Concen: 26.067 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

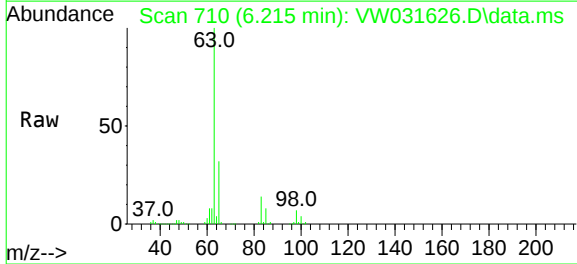
Tgt Ion: 73 Resp: 544226
Ion Ratio Lower Upper
73 100
43 19.8 16.4 24.6
57 22.2 18.2 27.2





#19
1,1-Dichloroethane
Concen: 21.025 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

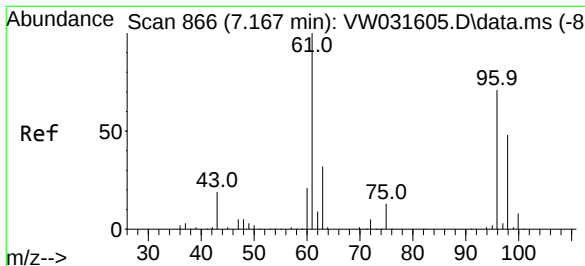
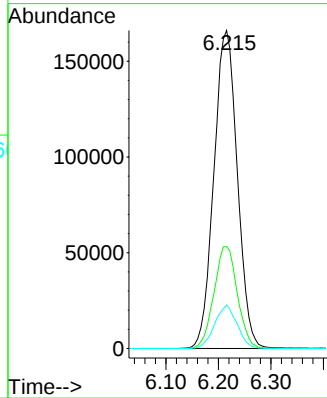
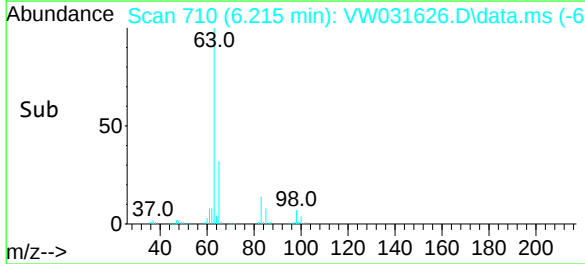
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.0	41.0
83	13.7	9.0	16.6

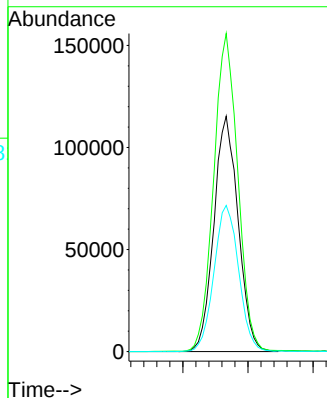
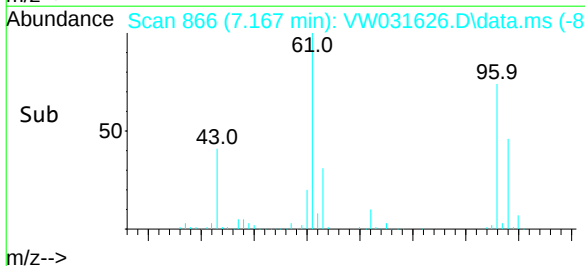
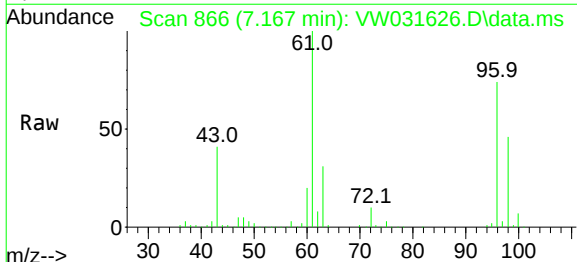
Manual Integrations
APPROVED

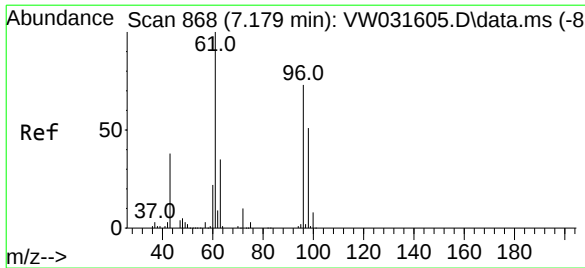
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#20
cis-1,2-Dichloroethene
Concen: 21.496 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

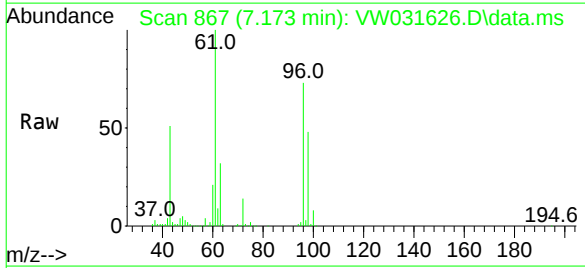
Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.1	94.8	176.2
98	62.1	45.6	84.8





#22
2-Butanone
Concen: 67.601 ug/L
RT: 7.173 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

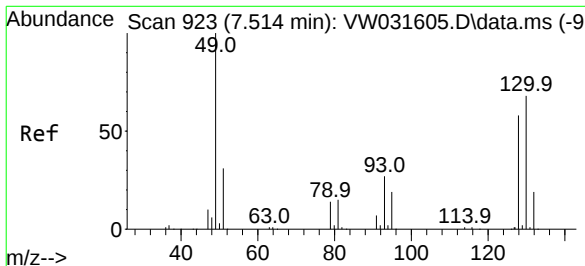
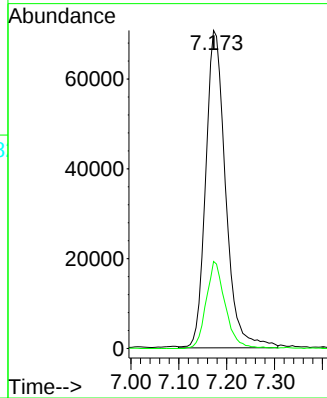
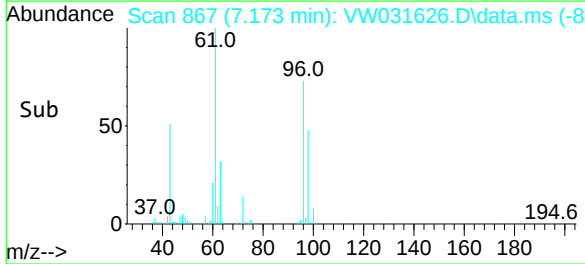
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



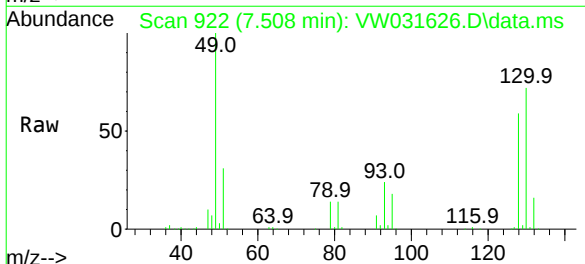
Tgt Ion: 43 Resp: 204190
Ion Ratio Lower Upper
43 100
72 26.1 13.2 39.5

Manual Integrations
APPROVED

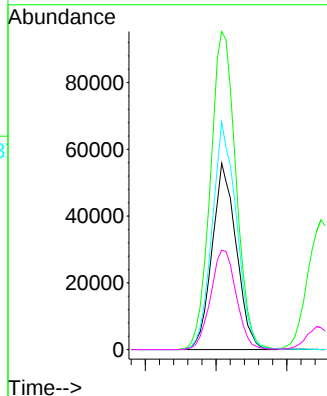
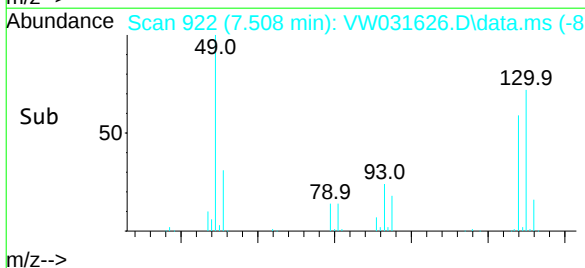
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

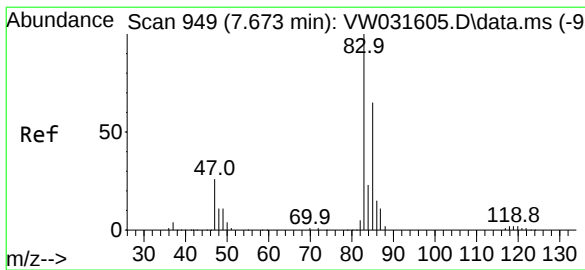


#23
Bromochloromethane
Concen: 24.314 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



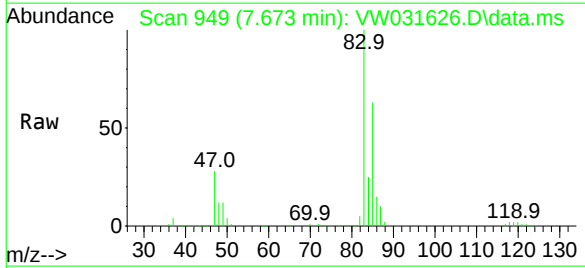
Tgt Ion:128 Resp: 132368
Ion Ratio Lower Upper
128 100
49 170.6 123.9 230.1
130 122.2 88.1 163.7
51 53.3 42.5 63.7





#25
Chloroform
Concen: 21.973 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

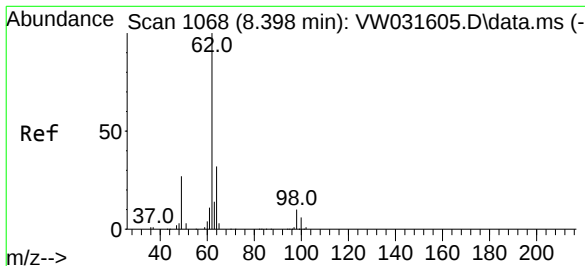
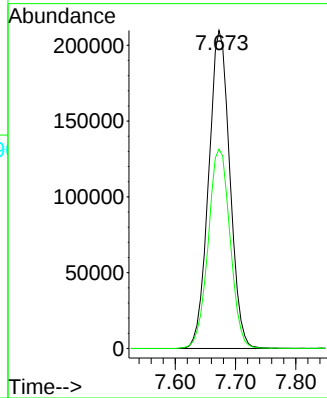
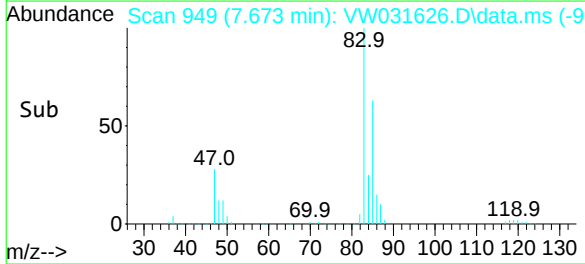
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



Tgt Ion: 83 Resp: 511968
Ion Ratio Lower Upper
83 100
85 62.7 46.2 85.8

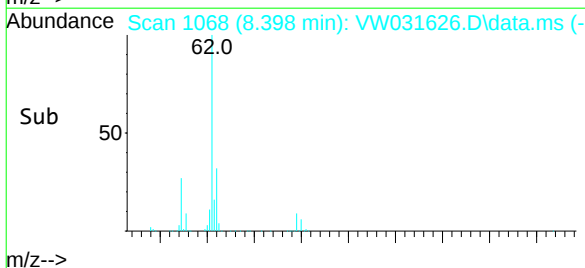
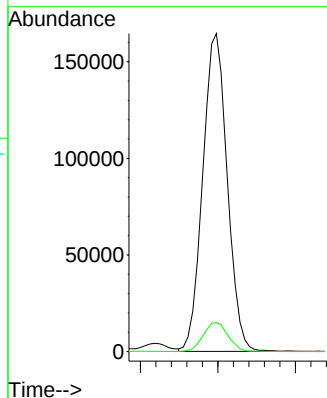
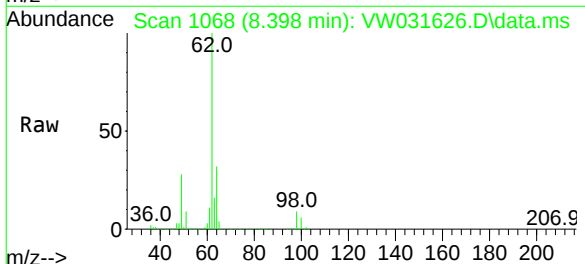
Manual Integrations
APPROVED

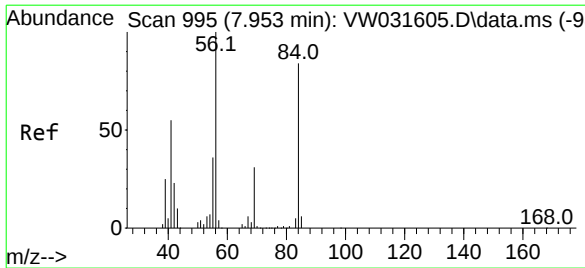
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#27
1,2-Dichloroethane
Concen: 25.136 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 62 Resp: 360720
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#29

Cyclohexane

Concen: 17.803 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031626.D

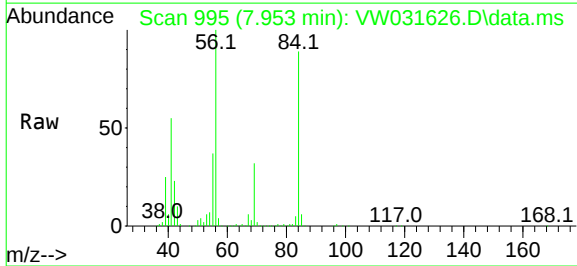
Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :

A44R1MS



Tgt Ion: 56 Resp: 456982

Ion Ratio Lower Upper

56 100

69 30.6 25.2 37.8

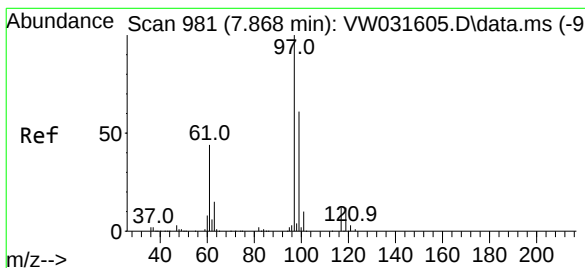
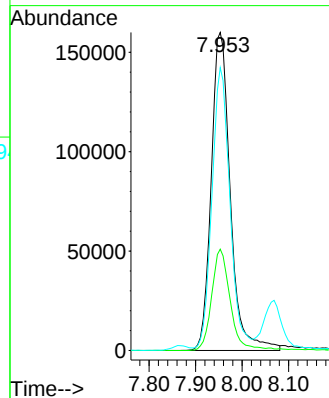
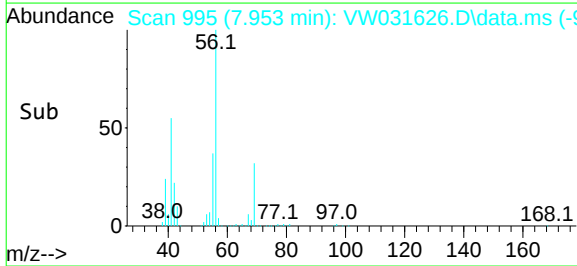
84 82.8 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025

Supervised By :Mahesh Dadoda 01/29/2025



#30

1,1,1-Trichloroethane

Concen: 18.808 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031626.D

Acq: 28 Jan 2025 18:17

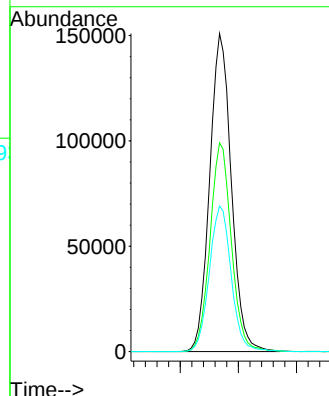
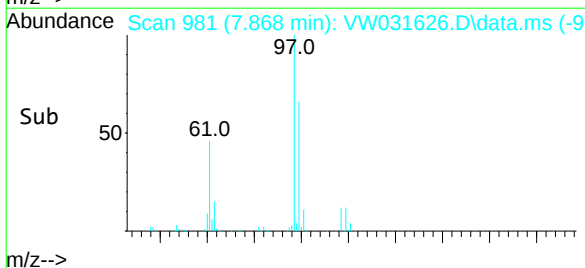
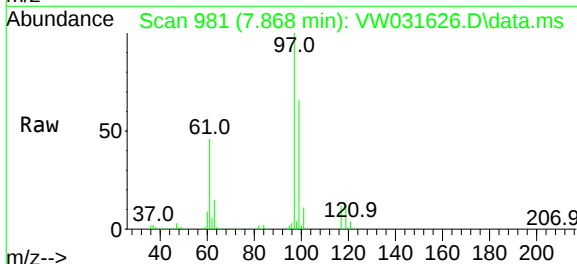
Tgt Ion: 97 Resp: 391020

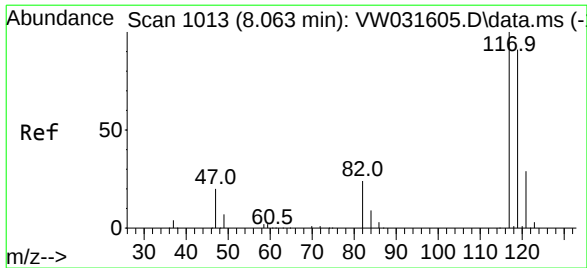
Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.4

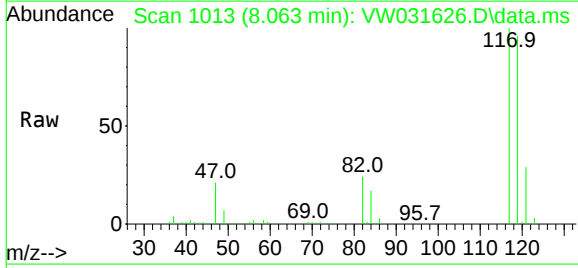
61 46.1 36.9 55.3





#31
Carbon tetrachloride
Concen: 19.232 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

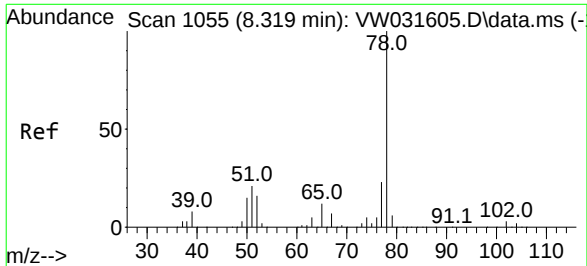
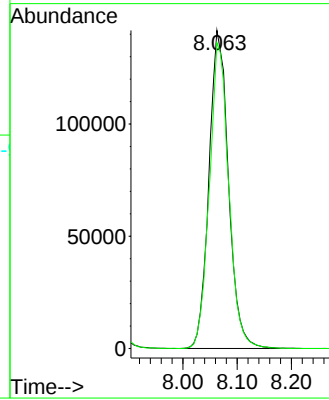
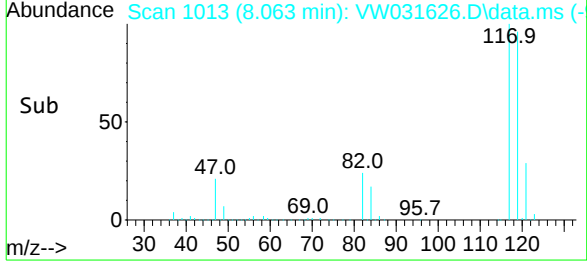
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



Tgt Ion:117 Resp: 354500
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0

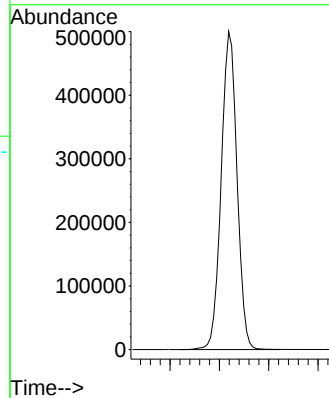
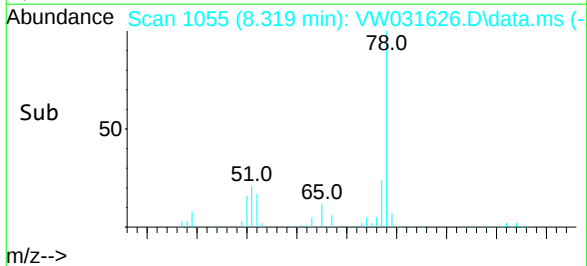
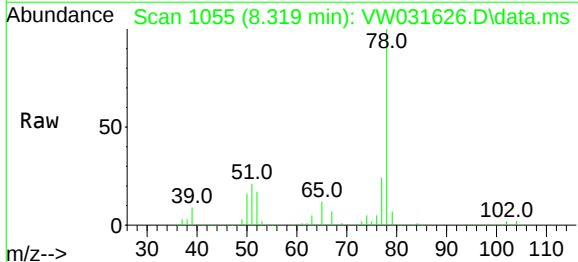
Manual Integrations
APPROVED

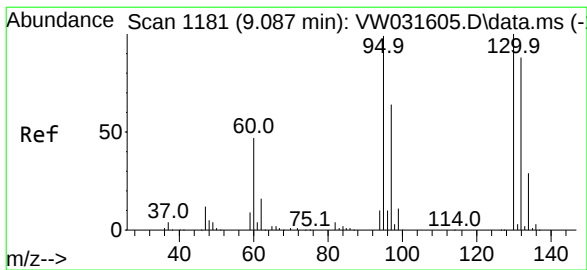
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#33
Benzene
Concen: 20.332 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

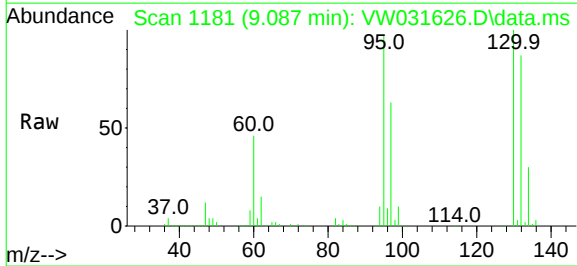
Tgt Ion: 78 Resp: 1114410





#34
Trichloroethene
Concen: 19.409 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

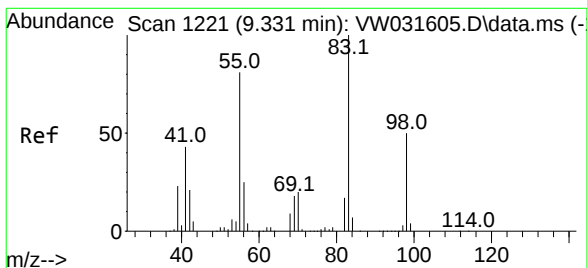
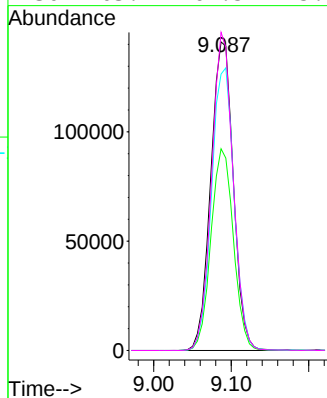
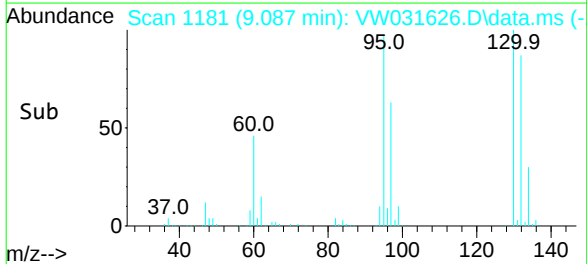
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



Tgt Ion: 95 Resp: 286022
Ion Ratio Lower Upper
95 100
97 65.4 44.0 81.6
132 89.6 64.6 120.0
130 103.1 67.5 125.4

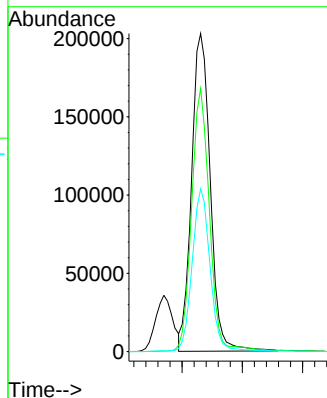
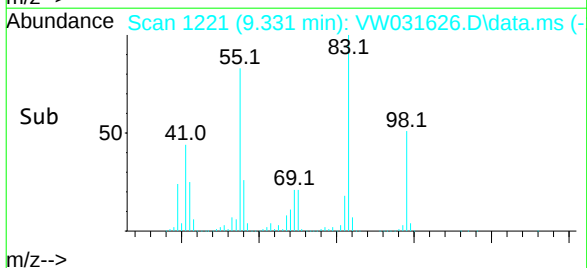
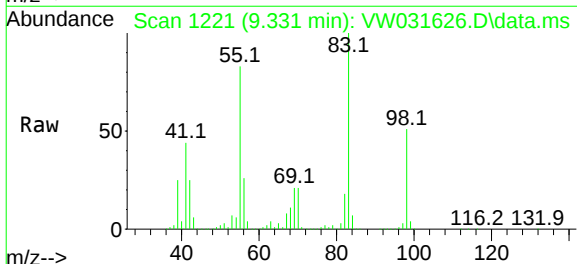
Manual Integrations
APPROVED

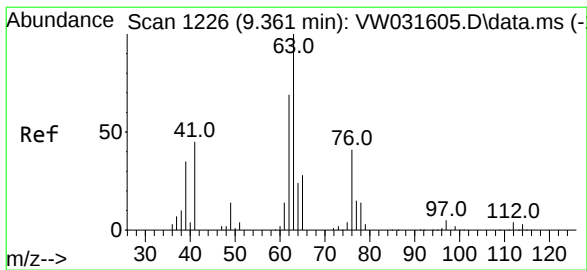
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#35
Methylcyclohexane
Concen: 16.533 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

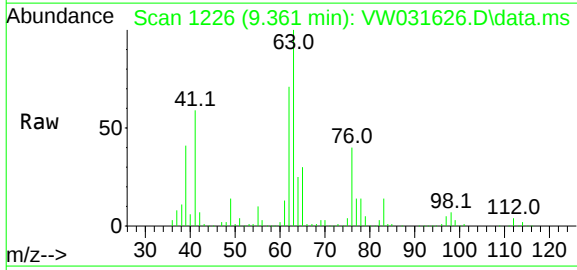
Tgt Ion: 83 Resp: 436807
Ion Ratio Lower Upper
83 100
55 79.9 63.4 95.2
98 48.9 38.8 58.2





#37
1,2-Dichloropropane
Concen: 22.006 ug/L
RT: 9.361 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

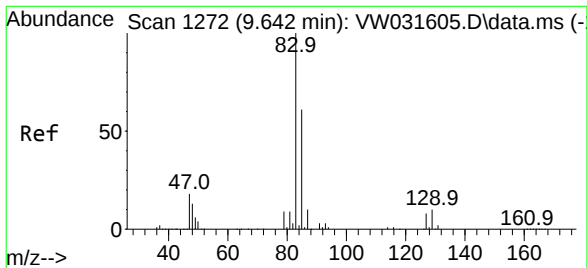
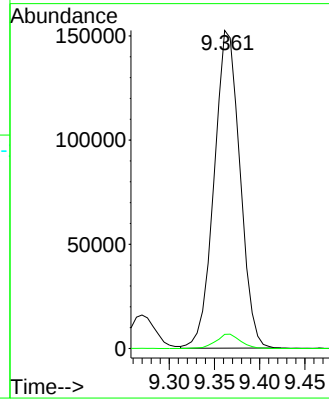
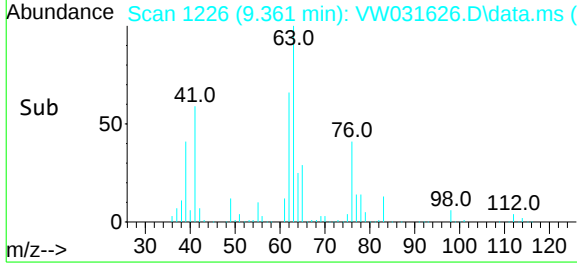
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



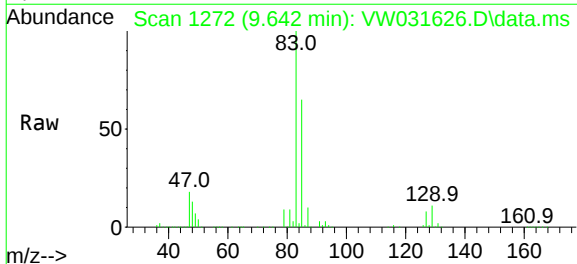
Tgt Ion: 63 Resp: 303157
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4

Manual Integrations
APPROVED

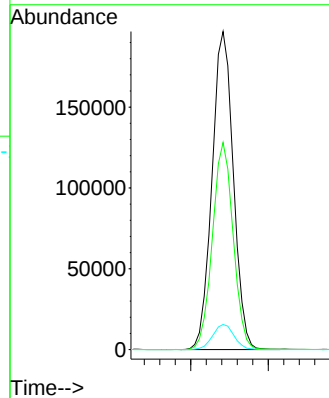
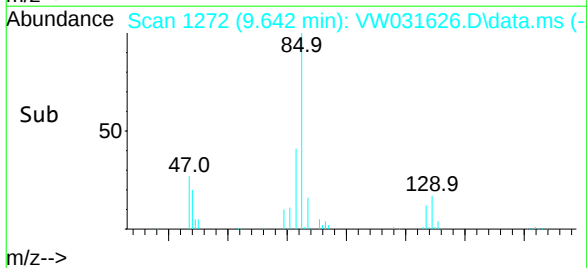
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

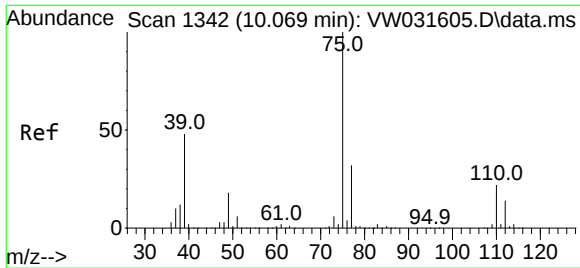


#38
Bromodichloromethane
Concen: 22.547 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



Tgt Ion: 83 Resp: 375724
Ion Ratio Lower Upper
83 100
85 65.1 43.8 81.3
127 7.9 6.2 9.4





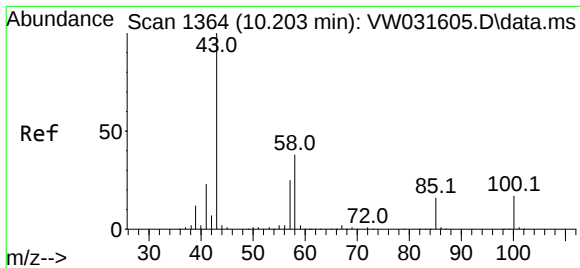
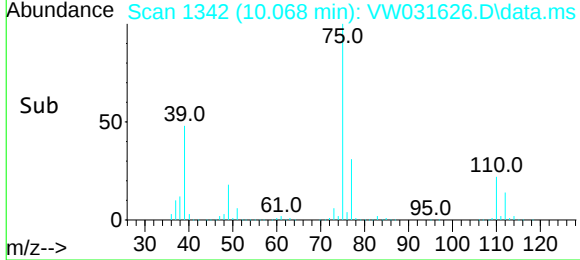
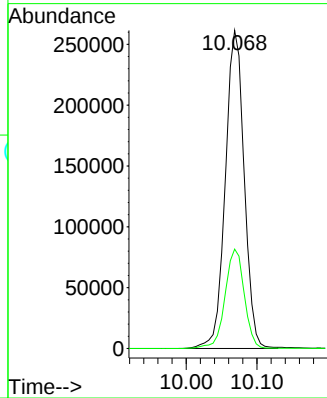
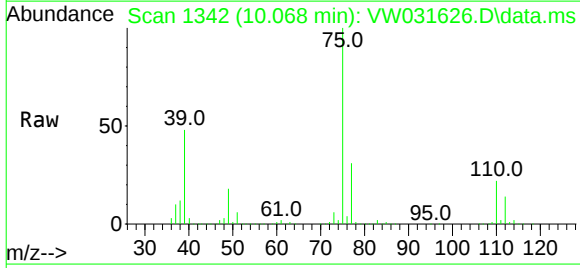
#39
 cis-1,3-Dichloropropene
 Concen: 22.325 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW031626.D
 Acq: 28 Jan 2025 18:17

Instrument : MSVOA_W
 ClientSampleId : A44R1MS

Tgt Ion:	75	Resp:	483812
Ion Ratio	Lower	Upper	
75	100		
77	31.2	21.6	40.2

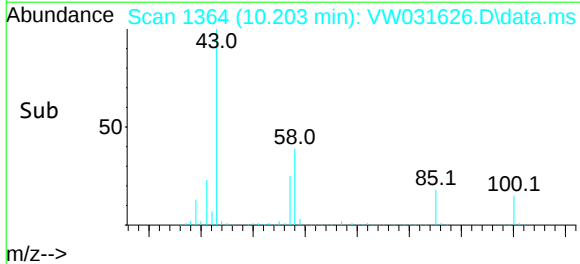
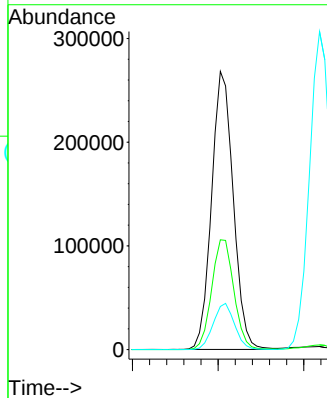
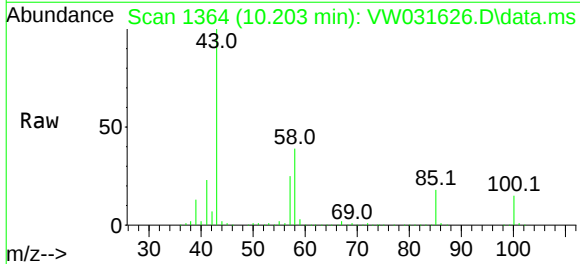
Manual Integrations
 APPROVED

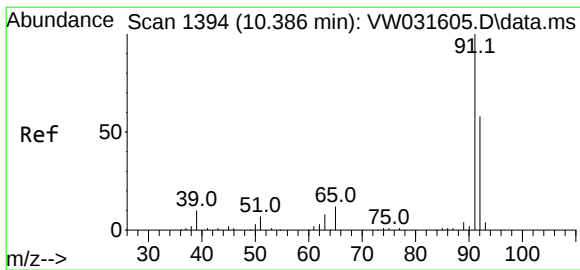
Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025



#40
 4-Methyl-2-pentanone
 Concen: 68.697 ug/L
 RT: 10.203 min Scan# 1364
 Delta R.T. -0.006 min
 Lab File: VW031626.D
 Acq: 28 Jan 2025 18:17

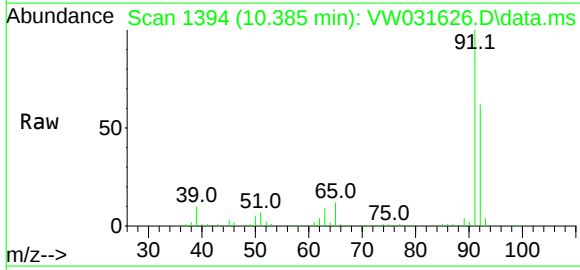
Tgt Ion:	43	Resp:	472387
Ion Ratio	Lower	Upper	
43	100		
58	40.4	31.4	47.2
100	16.4	12.3	18.5





#42
Toluene
Concen: 19.996 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

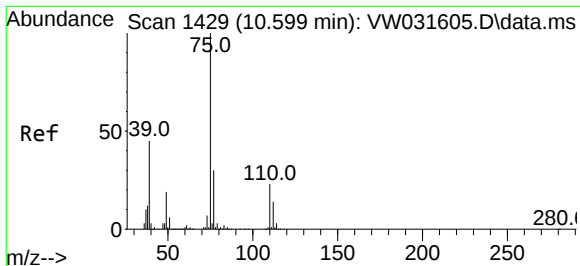
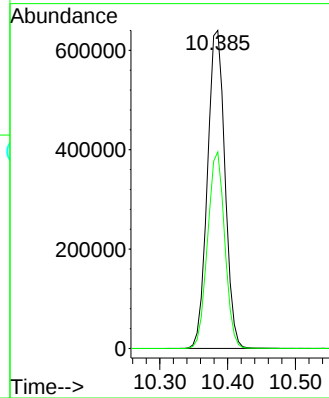
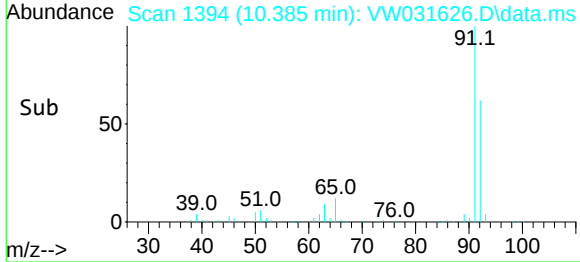
Instrument : MSVOA_W
ClientSampleId : A44R1MS



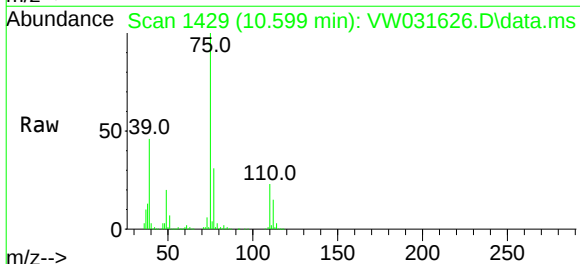
Tgt Ion: 91 Resp: 1145708
Ion Ratio Lower Upper
91 100
92 61.8 40.6 75.4

Manual Integrations
APPROVED

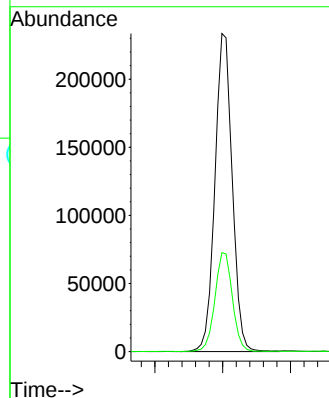
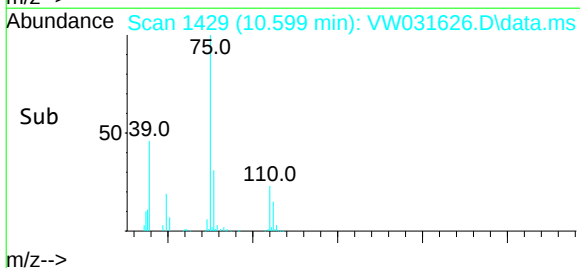
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

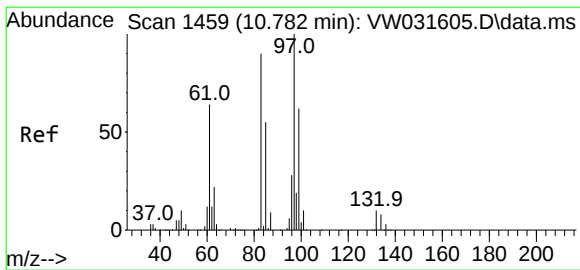


#44
trans-1,3-Dichloropropene
Concen: 23.908 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



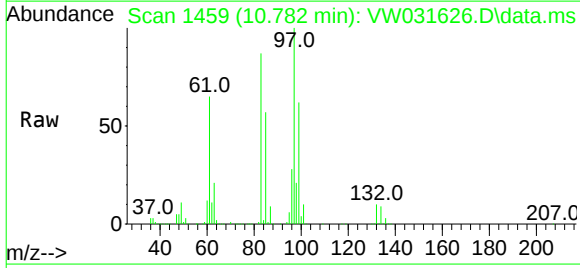
Tgt Ion: 75 Resp: 414135
Ion Ratio Lower Upper
75 100
77 31.1 22.5 41.9





#45
1,1,2-Trichloroethane
Concen: 26.480 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

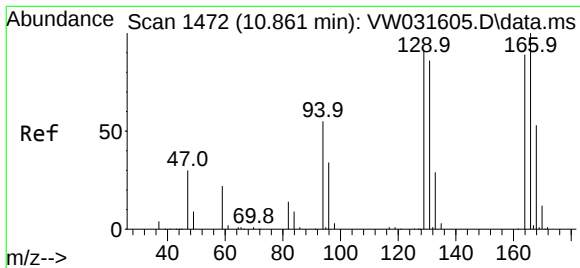
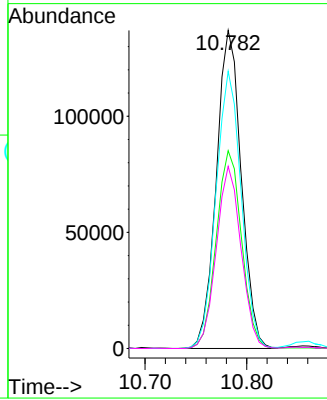
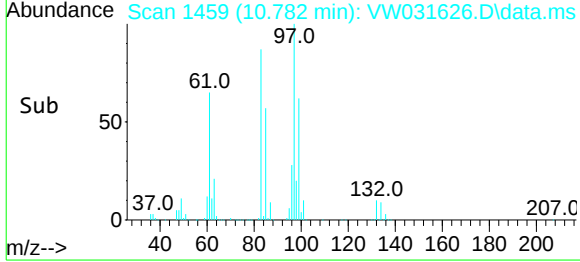
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



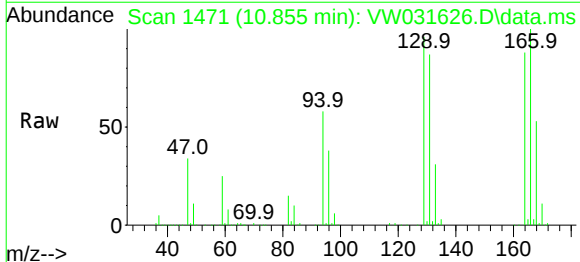
Tgt Ion: 97 Resp: 233824
Ion Ratio Lower Upper
97 100
99 62.2 42.6 79.2
83 87.2 59.6 110.8
85 57.2 37.3 69.3

Manual Integrations
APPROVED

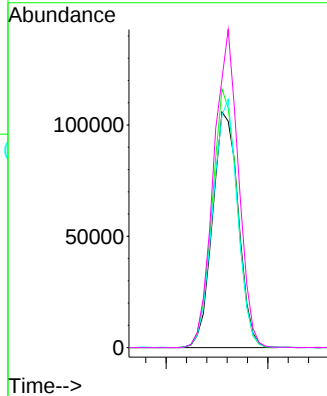
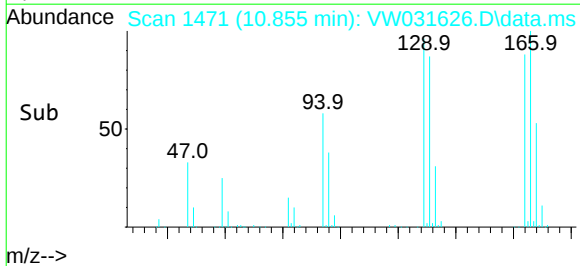
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

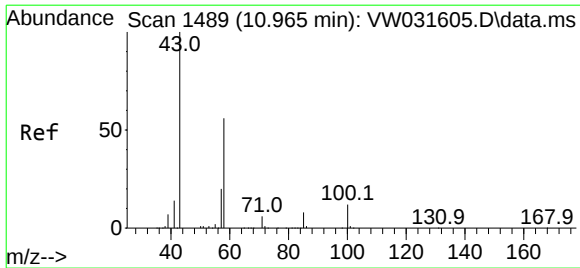


#46
Tetrachloroethene
Concen: 17.658 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



Tgt Ion:164 Resp: 186728
Ion Ratio Lower Upper
164 100
129 109.8 69.8 129.6
131 98.6 63.1 117.1
166 114.0 81.7 151.7





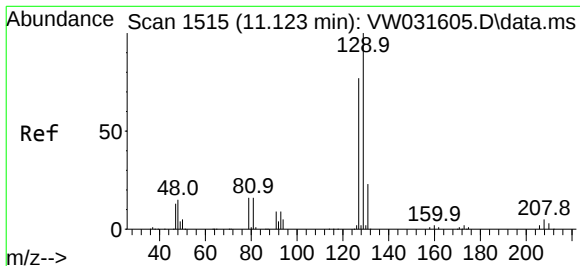
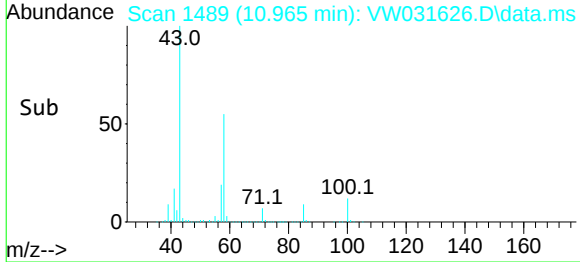
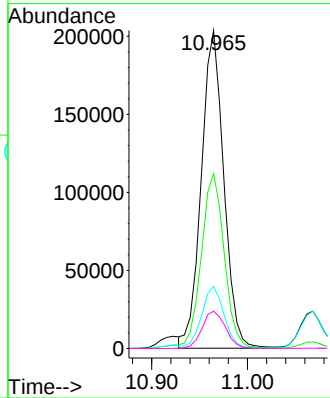
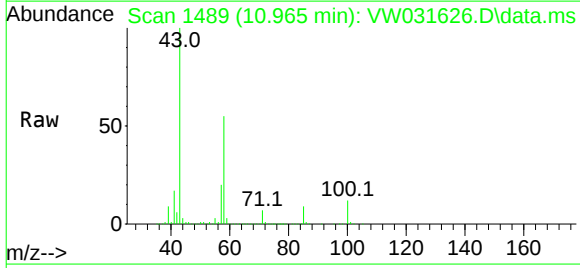
#48
2-Hexanone
Concen: 79.089 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument : MSVOA_W
ClientSampleId : A44R1MS

Tgt Ion: 43 Resp: 332338
Ion Ratio Lower Upper
43 100
58 56.8 44.8 67.2
57 19.5 15.6 23.4
100 12.1 9.3 13.9

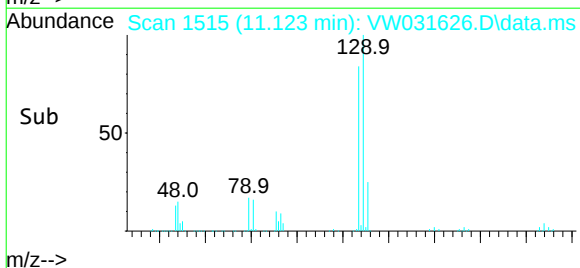
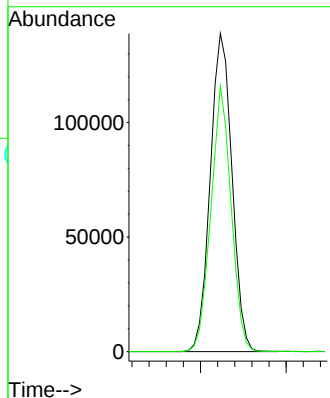
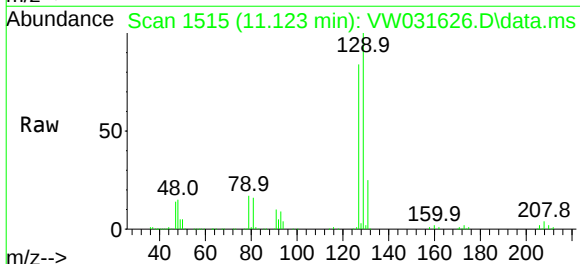
Manual Integrations
APPROVED

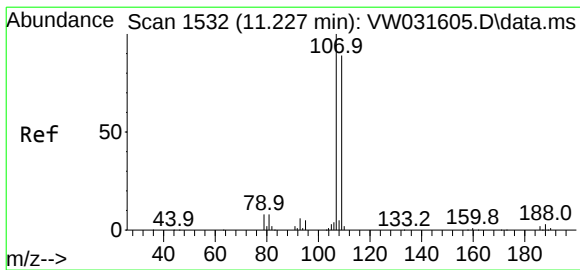
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#49
Dibromochloromethane
Concen: 25.191 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

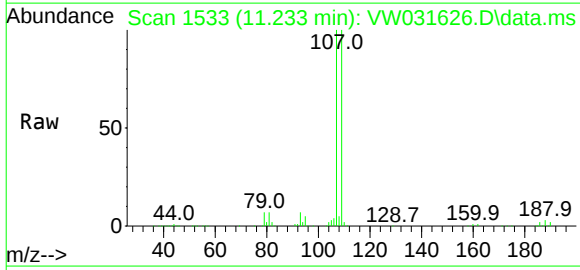
Tgt Ion:129 Resp: 244749
Ion Ratio Lower Upper
129 100
127 83.5 53.0 98.4





#50
1,2-Dibromoethane
Concen: 27.473 ug/L
RT: 11.233 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

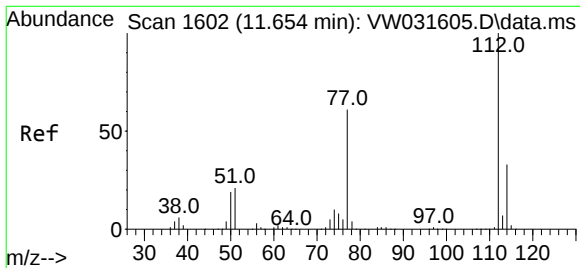
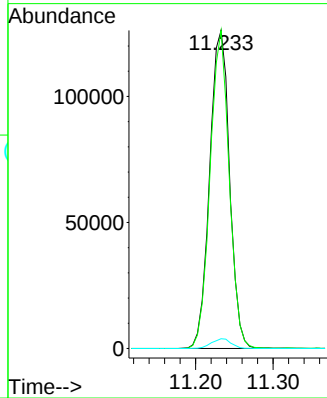
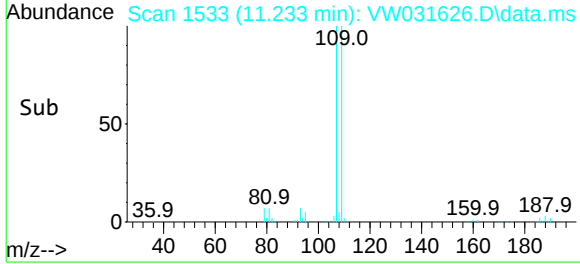
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



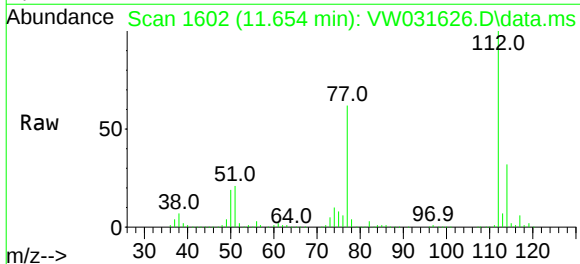
Tgt Ion:107 Resp: 224837
Ion Ratio Lower Upper
107 100
109 99.9 63.8 118.4
188 3.1 2.6 3.8

Manual Integrations
APPROVED

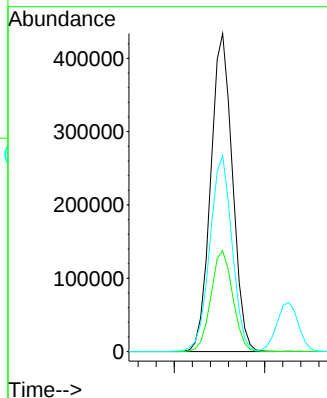
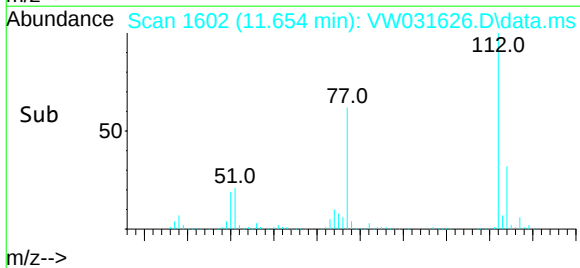
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

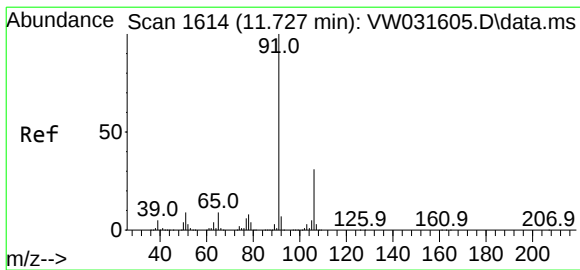


#51
Chlorobenzene
Concen: 20.477 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



Tgt Ion:112 Resp: 724455
Ion Ratio Lower Upper
112 100
114 31.7 22.0 40.8
77 61.7 49.0 73.4





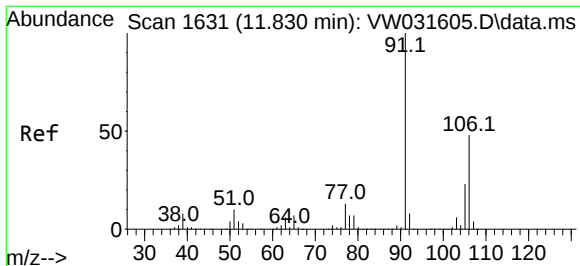
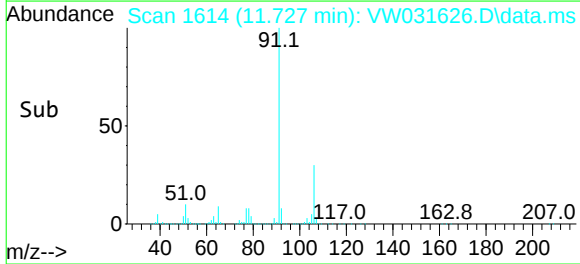
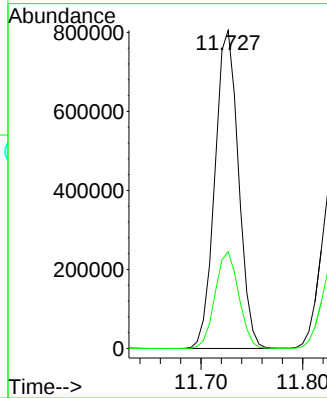
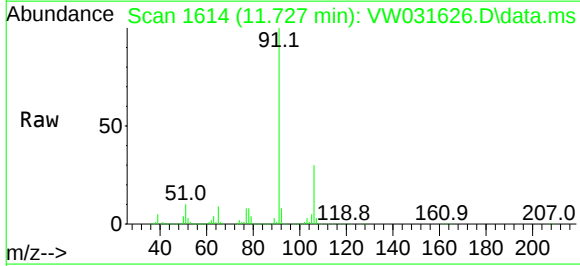
#52
Ethylbenzene
Concen: 19.699 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :
A44R1MS

Tgt Ion: 91 Resp: 1295024
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.3

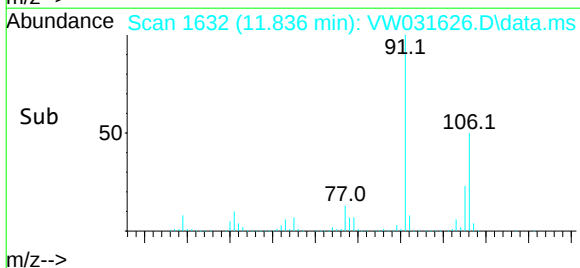
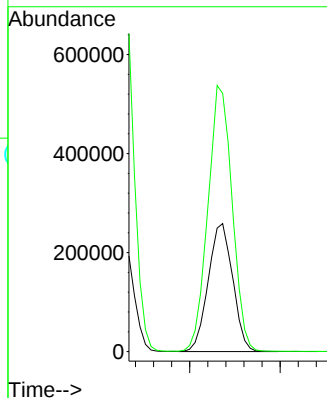
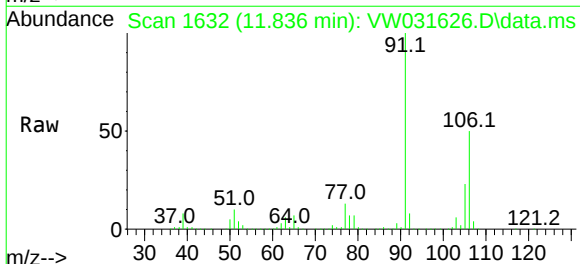
Manual Integrations APPROVED

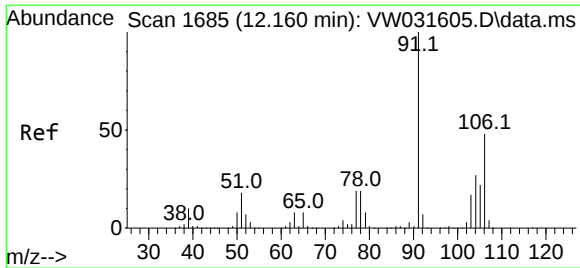
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#53
m,p-Xylene
Concen: 19.402 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

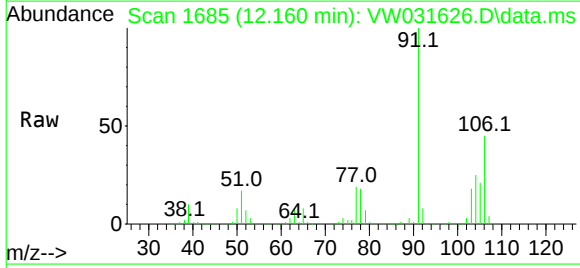
Tgt Ion:106 Resp: 486341
Ion Ratio Lower Upper
106 100
91 201.7 145.9 270.9





#54
o-Xylene
Concen: 20.467 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

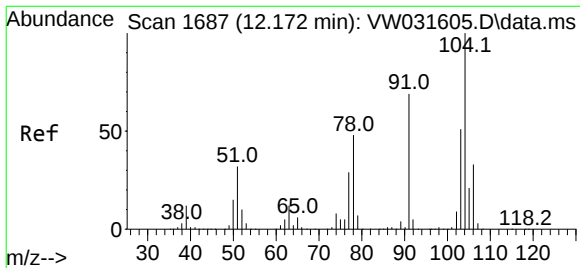
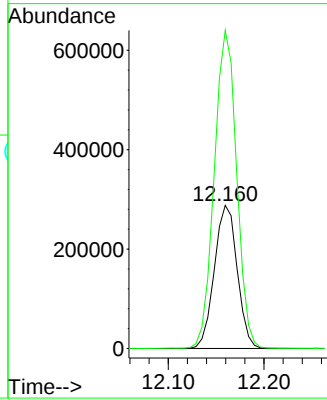
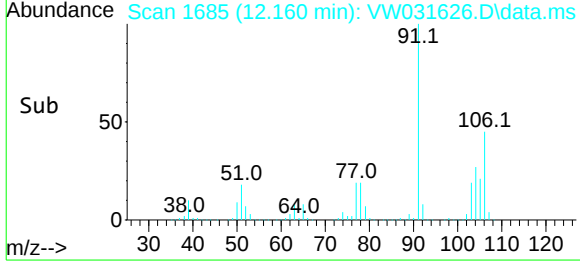
Instrument : MSVOA_W
ClientSampleId : A44R1MS



Tgt Ion:106 Resp: 476773
Ion Ratio Lower Upper
106 100
91 222.2 152.9 284.1

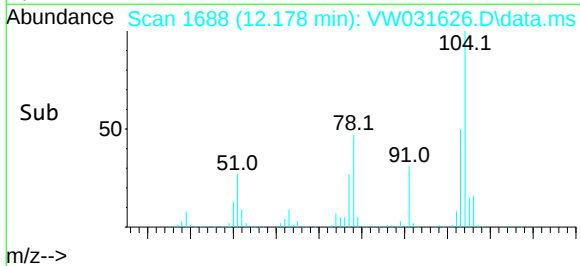
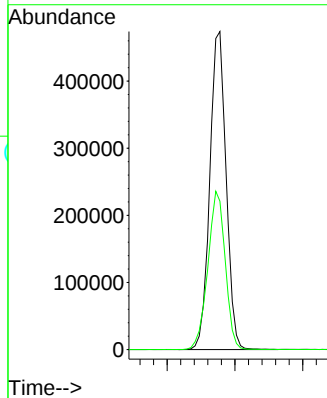
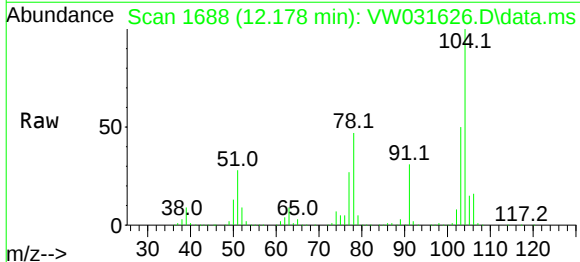
Manual Integrations
APPROVED

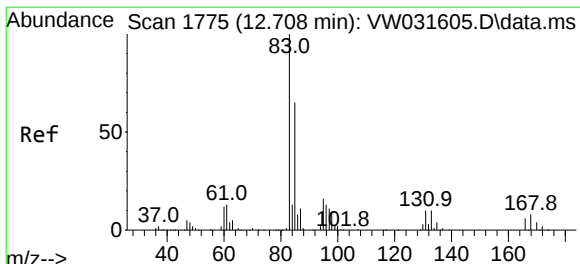
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#55
Styrene
Concen: 20.422 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion:104 Resp: 791586
Ion Ratio Lower Upper
104 100
78 46.7 32.0 59.4





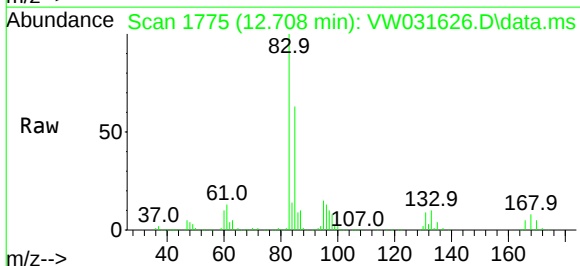
#57
 1,1,2,2-Tetrachloroethane
 Concen: 31.240 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: VW031626.D
 Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_W

ClientSampleId :

A44R1MS

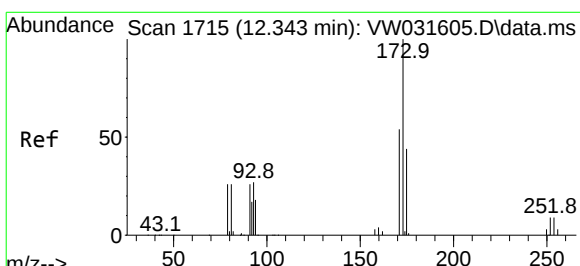
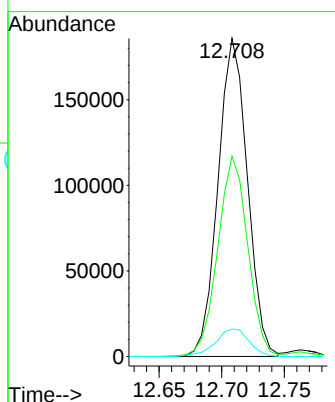
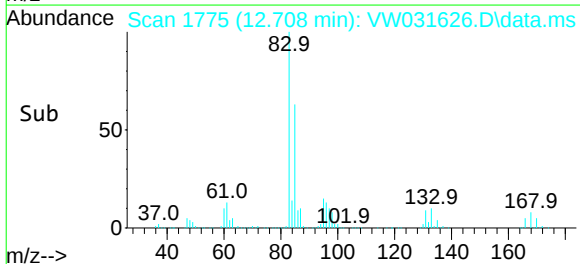


Tgt Ion:	83	Resp:	303114
Ion	Ratio	Lower	Upper
83	100		
85	62.9	44.1	81.9
131	8.6	7.4	11.0

Manual Integrations

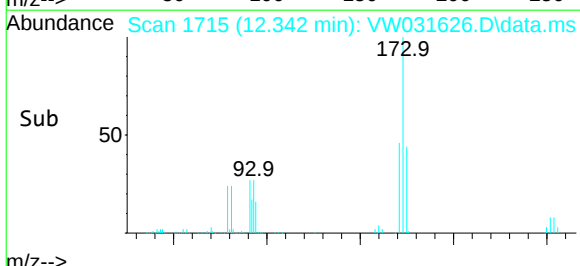
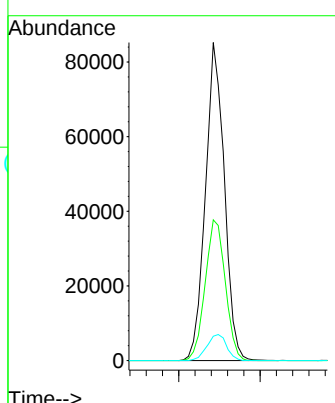
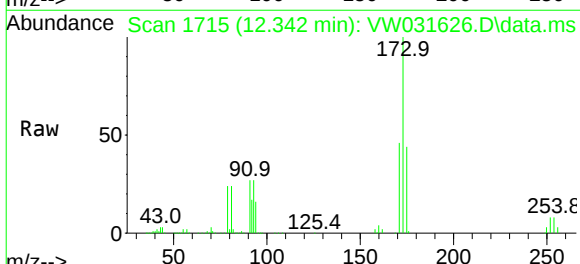
APPROVED

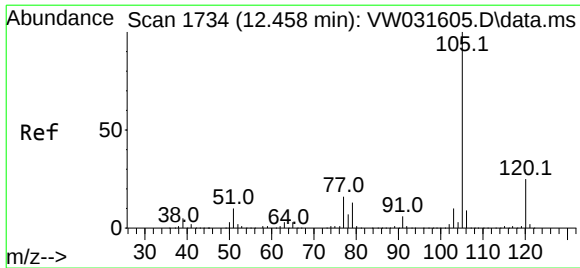
Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025



#59
 Bromoform
 Concen: 28.564 ug/L
 RT: 12.342 min Scan# 1715
 Delta R.T. -0.006 min
 Lab File: VW031626.D
 Acq: 28 Jan 2025 18:17

Tgt Ion:	173	Resp:	137464
Ion	Ratio	Lower	Upper
173	100		
175	47.1	37.7	56.5
254	8.6	7.1	10.7





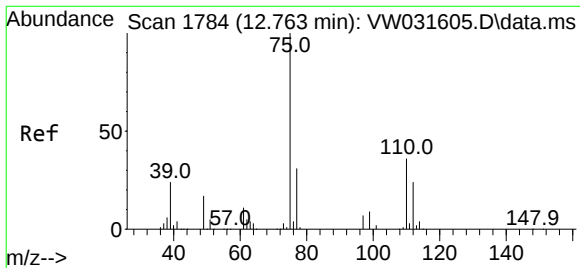
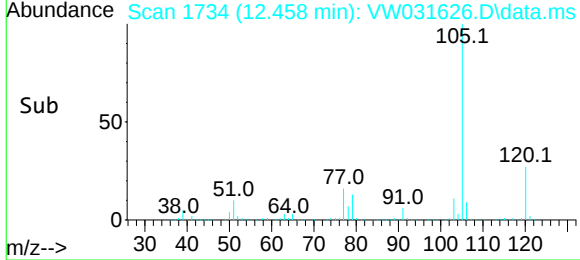
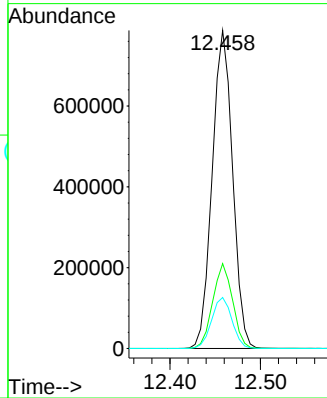
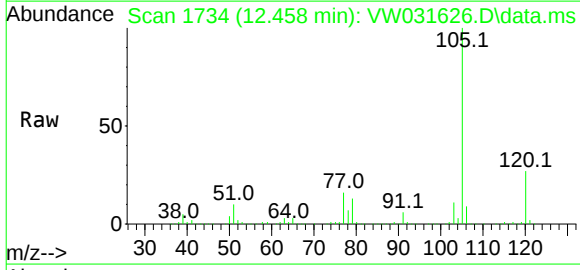
#60
Isopropylbenzene
Concen: 19.552 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :
A44R1MS

Tgt Ion: 105 Resp: 1233563
Ion Ratio Lower Upper
105 100
120 26.0 20.1 30.1
77 16.0 12.7 19.1

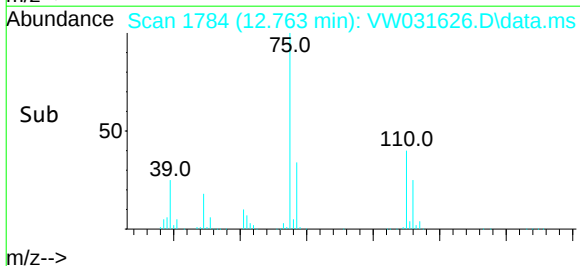
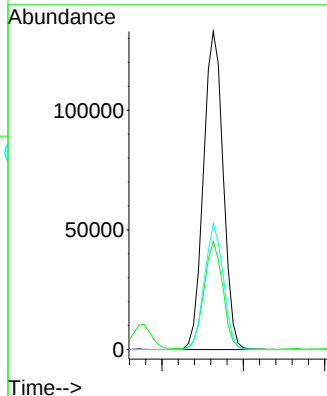
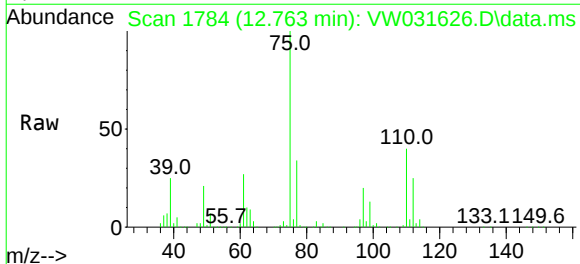
Manual Integrations
APPROVED

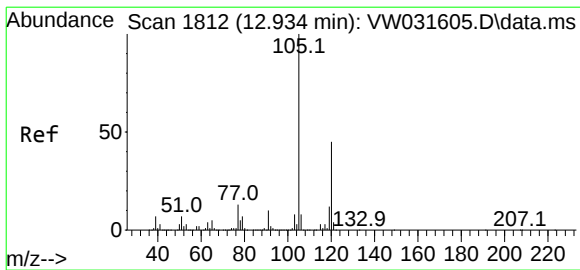
Reviewed By : Semsettin Yesilyurt 01/29/2025
Supervised By : Mahesh Dadoda 01/29/2025



#61
1,2,3-Trichloropropane
Concen: 33.037 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 75 Resp: 224066
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 37.9 29.6 44.4





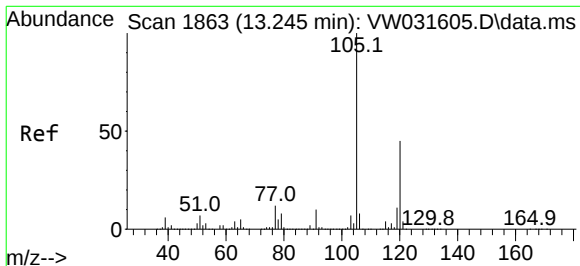
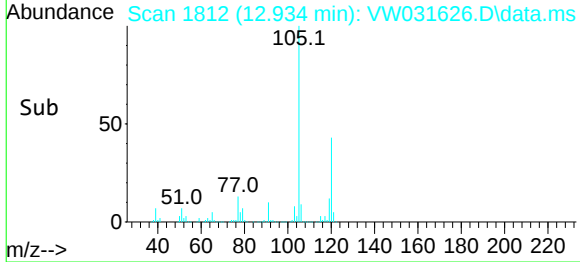
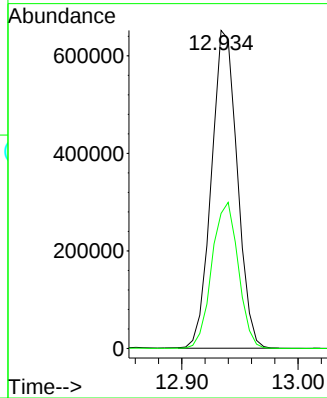
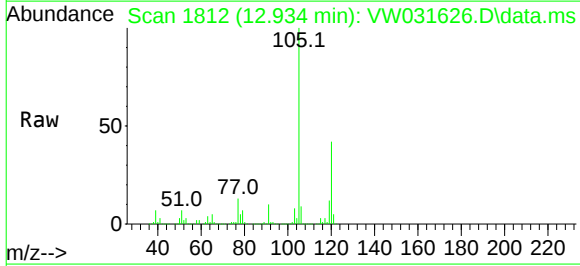
#62
1,3,5-Trimethylbenzene
Concen: 19.382 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :
A44R1MS

Tgt Ion:105 Resp: 1006936
Ion Ratio Lower Upper
105 100
120 46.9 37.6 56.4

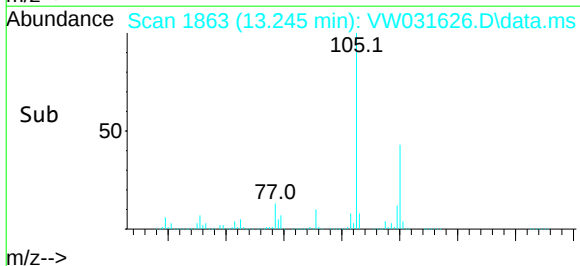
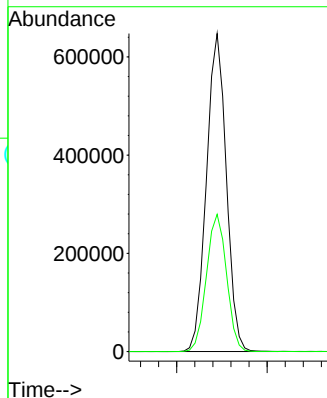
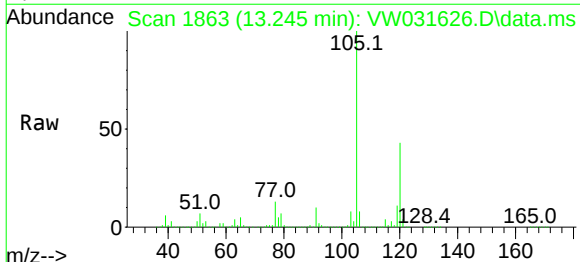
Manual Integrations
APPROVED

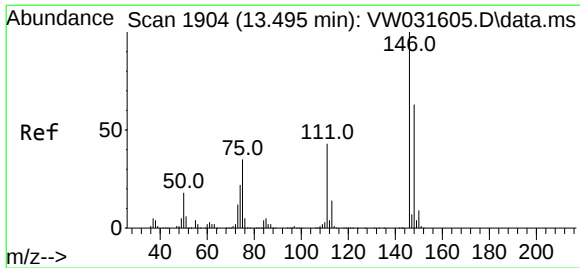
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#63
1,2,4-Trimethylbenzene
Concen: 19.515 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

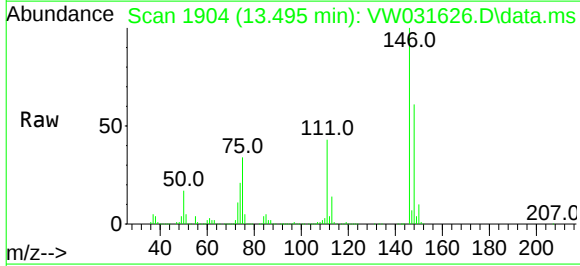
Tgt Ion:105 Resp: 986733
Ion Ratio Lower Upper
105 100
120 43.7 36.3 54.5





#64
1,3-Dichlorobenzene
Concen: 20.112 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

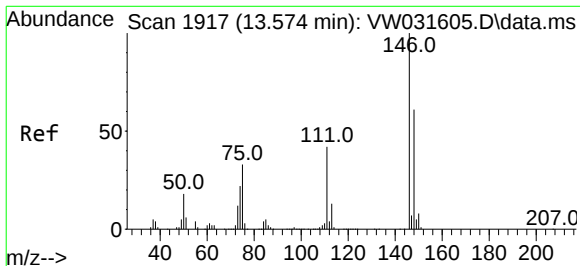
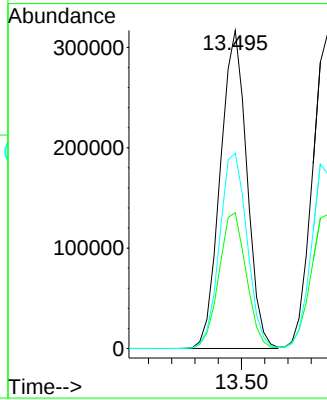
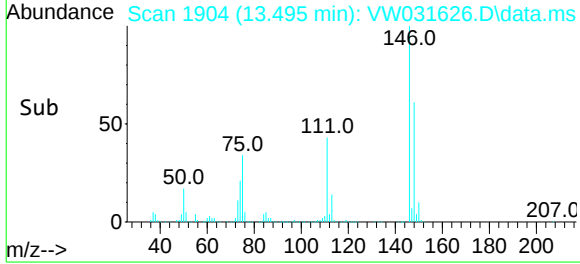
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



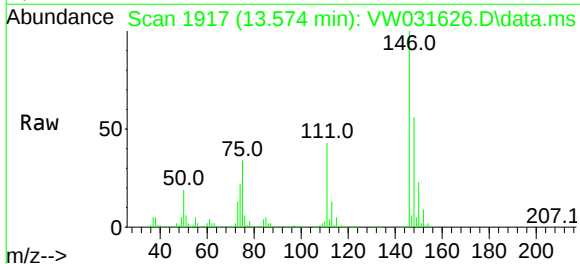
Tgt Ion:146 Resp: 503278
Ion Ratio Lower Upper
146 100
111 42.7 30.4 56.5
148 61.4 42.1 78.1

Manual Integrations
APPROVED

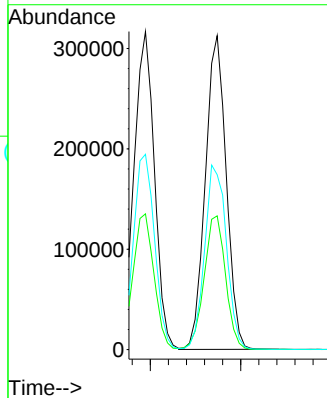
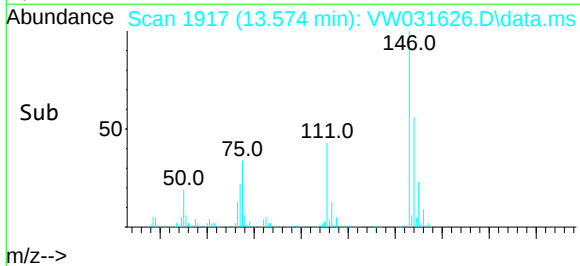
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

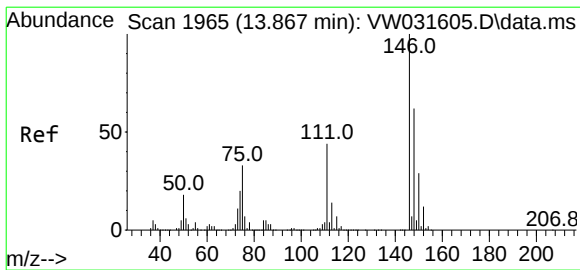


#65
1,4-Dichlorobenzene
Concen: 20.288 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



Tgt Ion:146 Resp: 502126
Ion Ratio Lower Upper
146 100
111 42.6 28.5 52.9
148 55.7 45.4 84.4





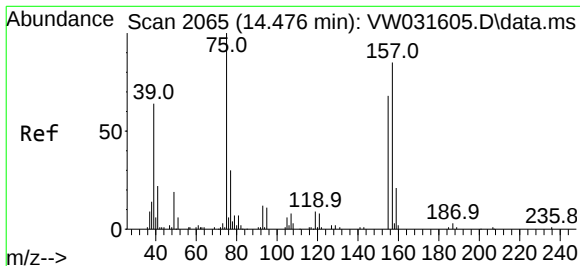
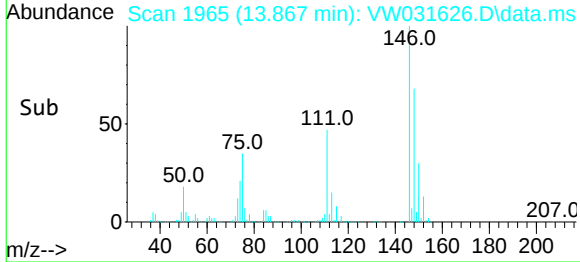
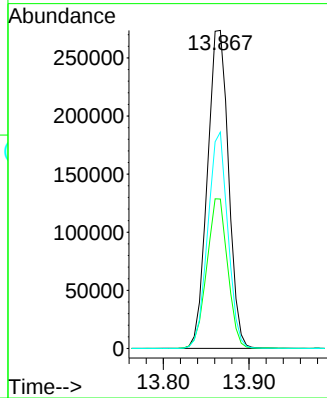
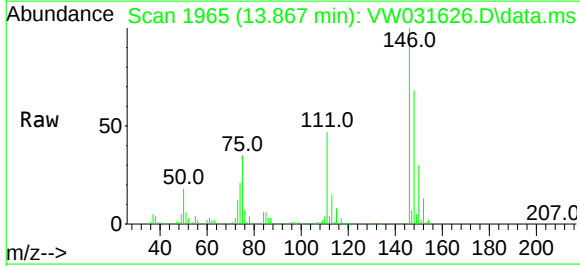
#67
1,2-Dichlorobenzene
Concen: 21.927 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_W
ClientSampleId :
A44R1MS

Tgt Ion:	146	Resp:	468568
Ion Ratio	Lower	Upper	
146	100		
111	47.0	36.6	55.0
148	68.0	51.0	76.4

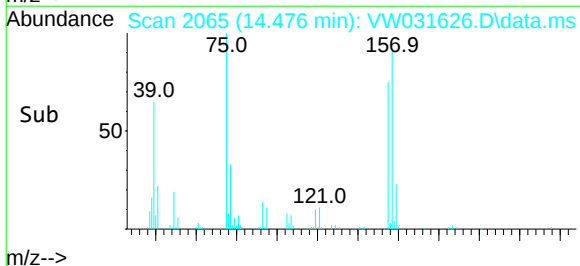
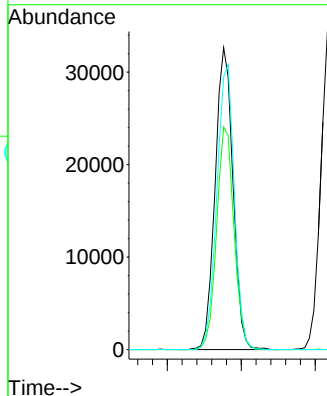
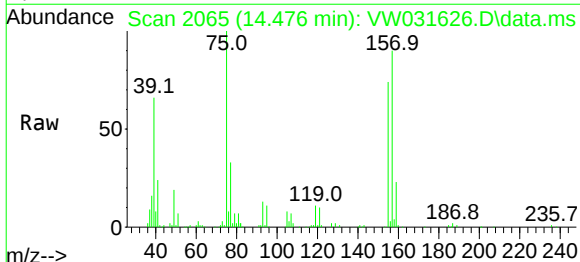
Manual Integrations
APPROVED

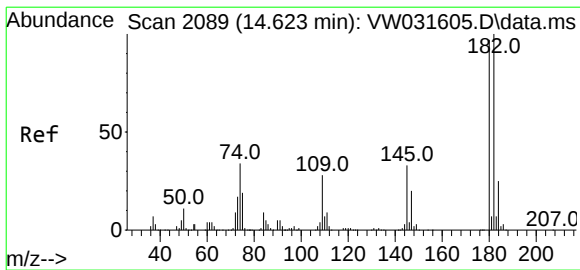
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 36.087 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

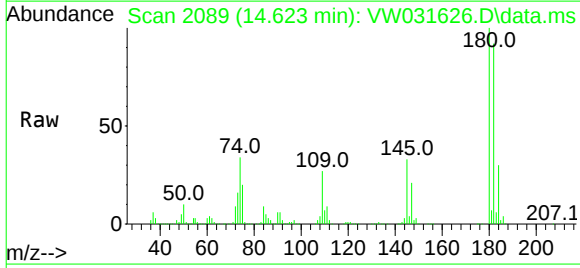
Tgt Ion:	75	Resp:	54719
Ion Ratio	Lower	Upper	
75	100		
155	73.7	51.0	76.4
157	90.3	70.2	105.2





#69
1,3,5-Trichlorobenzene
Concen: 16.539 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

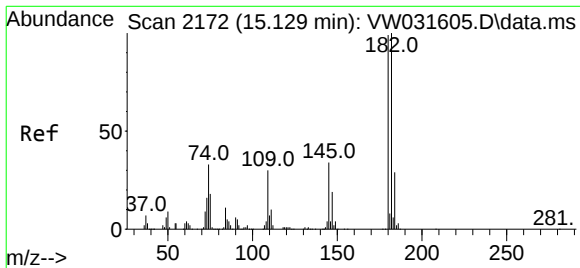
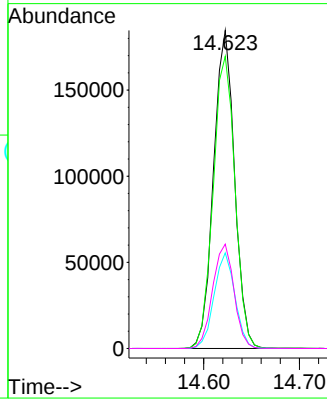
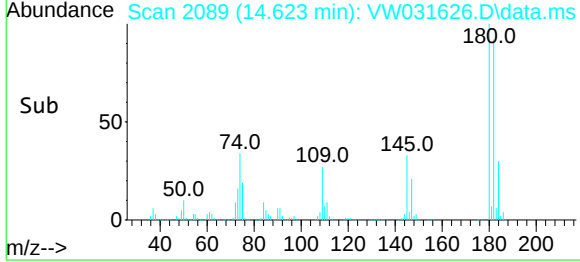
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



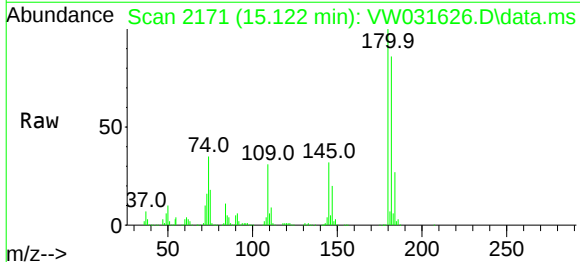
Tgt Ion:180 Resp: 280476
Ion Ratio Lower Upper
180 100
182 95.6 74.2 111.4
184 29.9 23.0 34.4
145 33.5 26.5 39.7

Manual Integrations
APPROVED

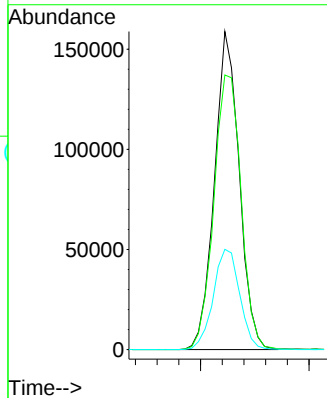
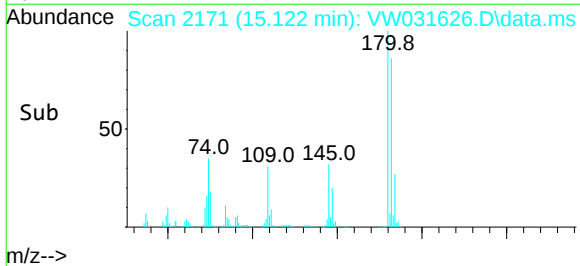
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

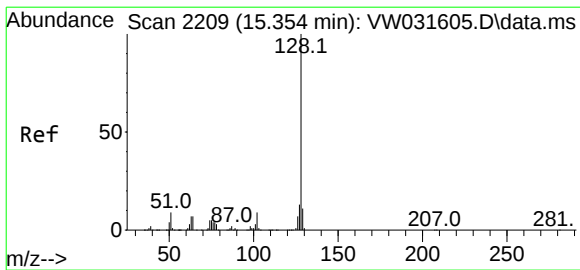


#70
1,2,4-trichlorobenzene
Concen: 18.637 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



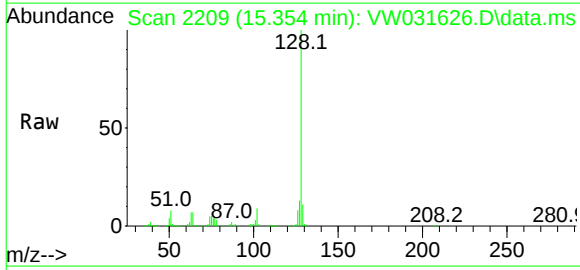
Tgt Ion:180 Resp: 251739
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 33.7 26.6 39.8





#71
Naphthalene
Concen: 29.487 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17

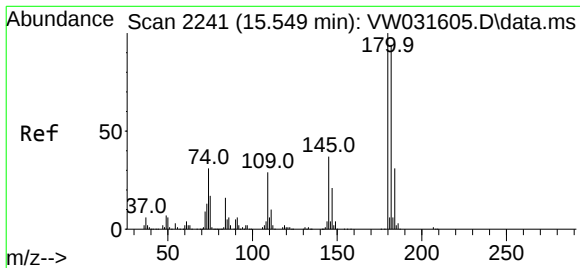
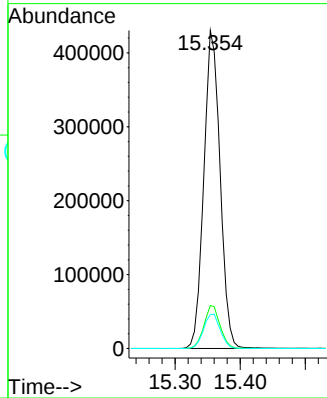
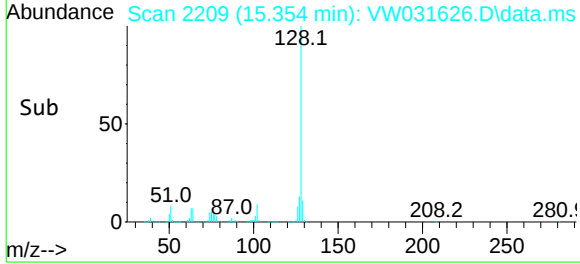
Instrument :
MSVOA_W
ClientSampleId :
A44R1MS



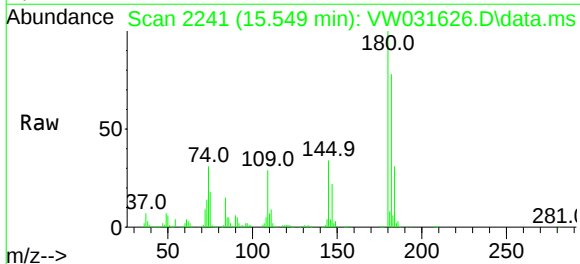
Tgt Ion:128 Resp: 746820
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#72
1,2,3-Trichlorobenzene
Concen: 20.251 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031626.D
Acq: 28 Jan 2025 18:17



Tgt Ion:180 Resp: 230379
Ion Ratio Lower Upper
180 100
182 89.3 76.9 115.3
145 35.8 30.1 45.1

