

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031627.D
 Acq On : 28 Jan 2025 18:42
 Operator : SY/MD
 Sample : Q1189-10MSD
 Misc : 8.90g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R1MSD

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 07:35:05 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	878615	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	777113	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	366601	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	178178	12.924	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.680%		
7) Chloroethane-d5	2.893	69	140208	14.240	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.960%		
11) 1,1-Dichloroethene-d2	4.021	65	90246	14.712	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.840%		
21) 2-Butanone-d5	7.087	46	171166	77.231	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	154.460%#		
24) Chloroform-d	7.642	84	453722	19.954	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.800%		
26) 1,2-Dichloroethane-d4	8.301	65	262316	23.438	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.760%		
32) Benzene-d6	8.270	84	888804	18.208	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.840%		
36) 1,2-Dichloropropane-d6	9.270	67	287194	19.927	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.720%		
41) Toluene-d8	10.319	98	777278	17.639	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.560%		
43) trans-1,3-Dichloroprop...	10.575	79	130480	22.046	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.200%		
47) 2-Hexanone-d5	10.922	63	126825	86.229	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	172.460%#		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	287372	32.605	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	130.400%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	252151	19.610	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	159754	13.979	ug/L	98
3) Chloromethane	2.222	50	197144	16.644	ug/L	100
5) Vinyl chloride	2.375	62	243646	16.127	ug/L	98
6) Bromomethane	2.789	94	138292	15.661	ug/L	98
8) Chloroethane	2.930	64	141791	15.966	ug/L	100
9) Trichlorofluoromethane	3.259	101	218056	14.528	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	208831	18.171	ug/L	90
12) 1,1-Dichloroethene	4.039	96	204471	17.489	ug/L	95
13) Acetone	4.149	43	143928m	84.380	ug/L	
14) Carbon disulfide	4.387	76	593352	15.067	ug/L	99
15) Methyl Acetate	4.679	43	127509m	28.534	ug/L	
16) Methylene chloride	4.917	84	227500	19.012	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	227475	18.115	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	508280	25.243	ug/L	100
19) 1,1-Dichloroethane	6.210	63	458924	19.425	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	264522	19.730	ug/L	94
22) 2-Butanone	7.179	43	199832	68.596	ug/L	99
23) Bromochloromethane	7.514	128	116312	22.152	ug/L	93
25) Chloroform	7.673	83	457135	20.343	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	336402	24.306	ug/L	100
29) Cyclohexane	7.953	56	414142	16.627	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	346931	17.198	ug/L	99
31) Carbon tetrachloride	8.069	117	313428	17.524	ug/L	99
33) Benzene	8.319	78	994740	18.703	ug/L	100
34) Trichloroethene	9.087	95	256128	17.912	ug/L	97
35) Methylcyclohexane	9.331	83	399313	15.576	ug/L	99
37) 1,2-Dichloropropane	9.367	63	274567	20.540	ug/L	99
38) Bromodichloromethane	9.642	83	337863	20.895	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	435139	20.693	ug/L	96
40) 4-Methyl-2-pentanone	10.203	43	475686	71.291	ug/L	99
42) Toluene	10.386	91	1041247	18.729	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	382151	22.735	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	220576	25.743	ug/L	95
46) Tetrachloroethene	10.861	164	171061	16.671	ug/L	95
48) 2-Hexanone	10.965	43	336932	82.632	ug/L	99
49) Dibromochloromethane	11.123	129	225179	23.885	ug/L	97
50) 1,2-Dibromoethane	11.227	107	219031	27.581	ug/L	98
51) Chlorobenzene	11.654	112	658424	19.179	ug/L	100
52) Ethylbenzene	11.727	91	1153315	18.079	ug/L	97
53) m,p-Xylene	11.837	106	442037	18.174	ug/L	95
54) o-Xylene	12.160	106	430737	19.055	ug/L	95
55) Styrene	12.178	104	726657	19.319	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	289295	30.727	ug/L	94
59) Bromoform	12.343	173	124452	25.477	ug/L	98
60) Isopropylbenzene	12.458	105	1132057	17.677	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	222032	32.251	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	917946	17.407	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	912759	17.784	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	447527	17.619	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	462450	18.408	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	444505	20.492	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	55852	36.288	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	250558	14.556	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	236155	17.224	ug/L	99
71) Naphthalene	15.354	128	790405	30.745	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	229863	19.906	ug/L	97

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

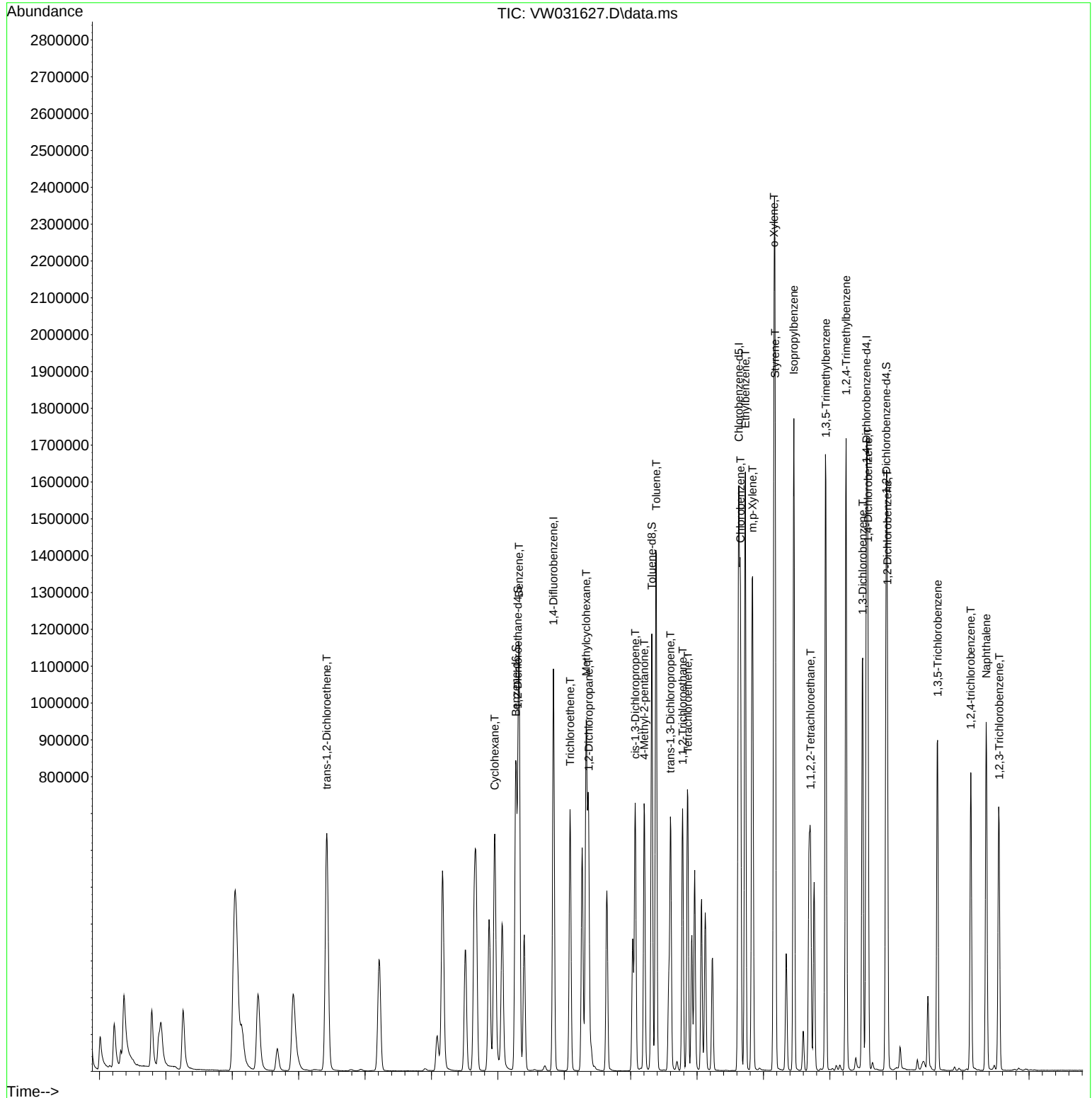
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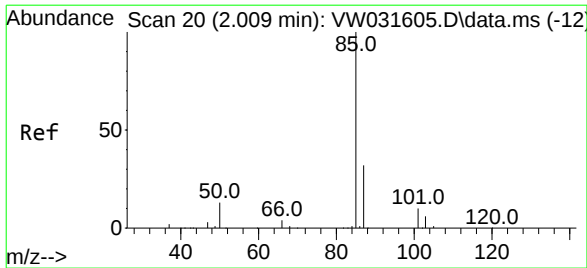
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD

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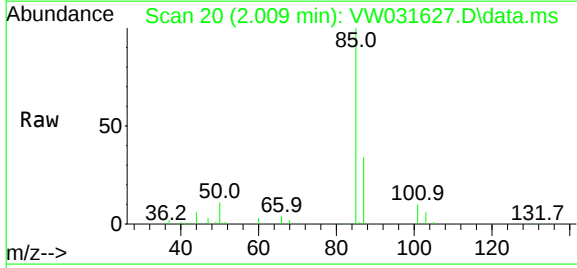
Reviewed By : Semsettin Yesilyurt 01/29/2025
Supervised By : Mahesh Dadoda 01/29/2025





#2
Dichlorodifluoromethane
Concen: 13.979 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

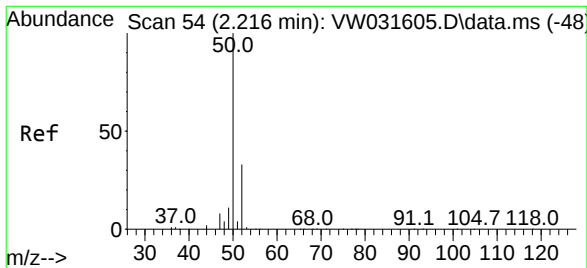
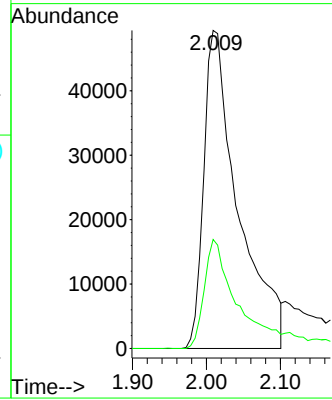
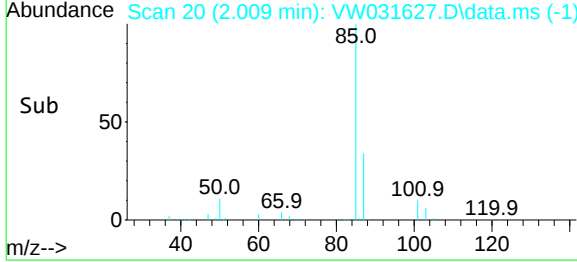
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



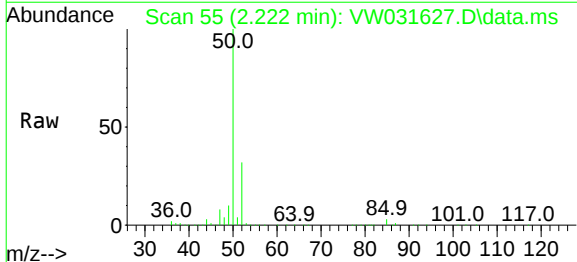
Tgt Ion: 85 Resp: 159754
Ion Ratio Lower Upper
85 100
87 32.2 25.0 37.4

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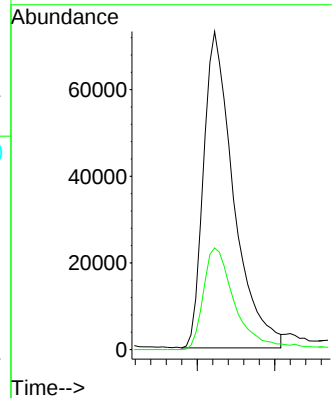
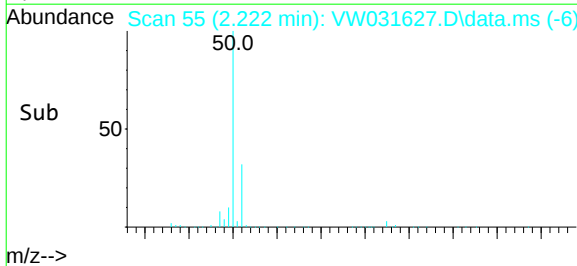
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

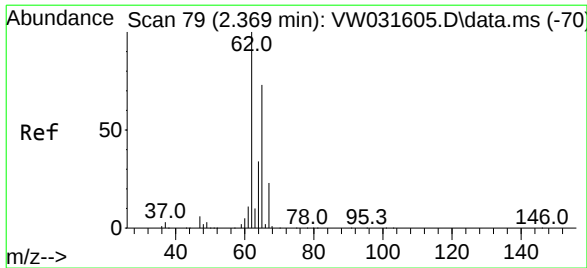


#3
Chloromethane
Concen: 16.644 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42



Tgt Ion: 50 Resp: 197144
Ion Ratio Lower Upper
50 100
52 32.0 22.3 41.3





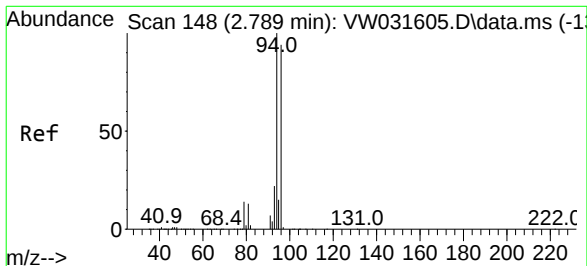
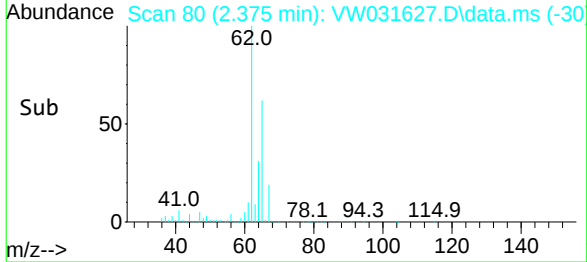
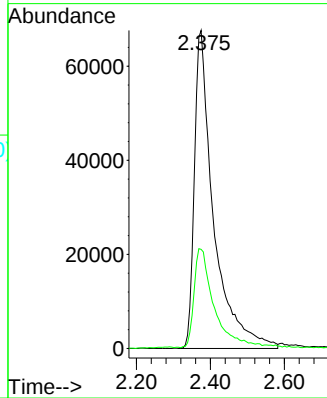
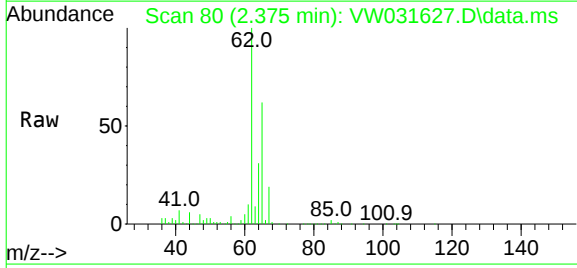
#5
 Vinyl chloride
 Concen: 16.127 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031627.D
 Acq: 28 Jan 2025 18:42

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R1MSD

Tgt Ion: 62 Resp: 243646
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.7 42.3

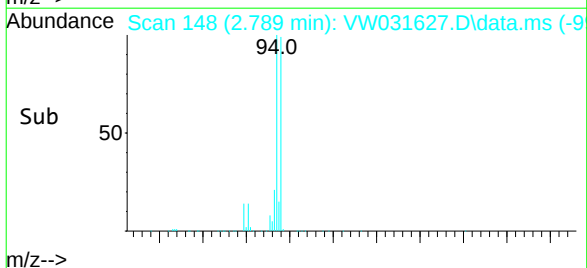
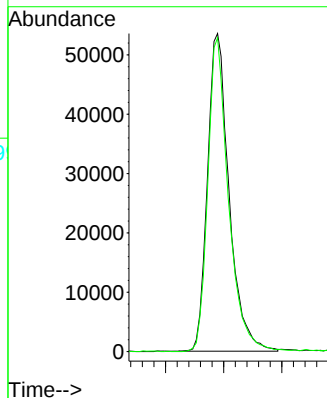
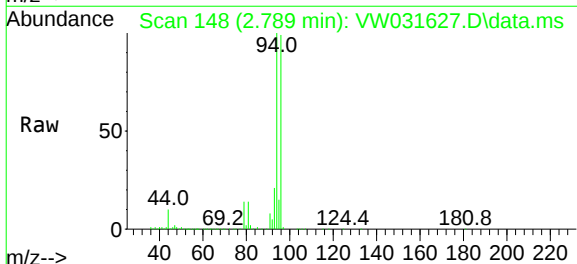
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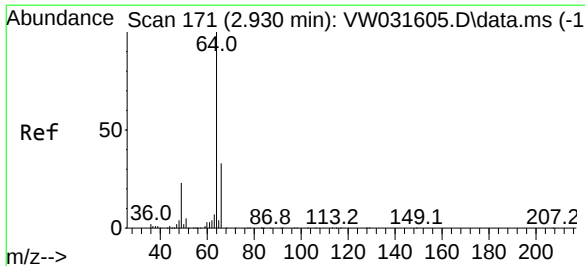
Reviewed By :Semsettin Yesilyurt 01/29/2025
 Supervised By :Mahesh Dadoda 01/29/2025



#6
 Bromomethane
 Concen: 15.661 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031627.D
 Acq: 28 Jan 2025 18:42

Tgt Ion: 94 Resp: 138292
 Ion Ratio Lower Upper
 94 100
 96 98.7 67.6 125.6





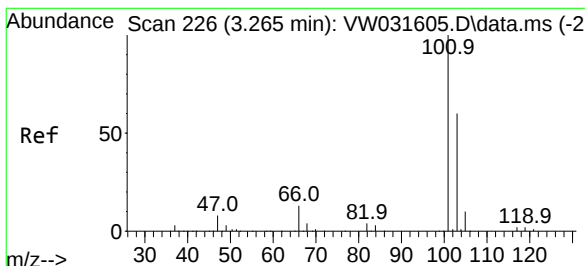
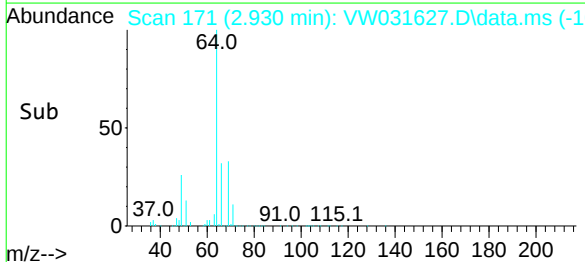
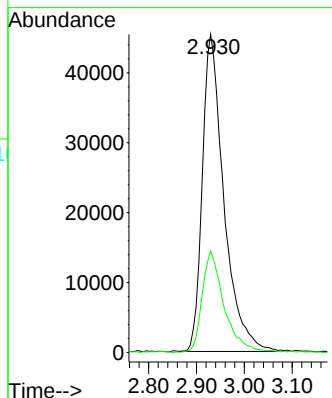
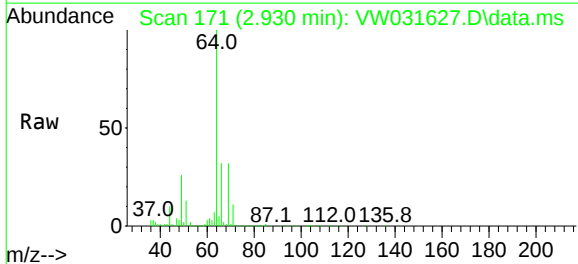
#8
Chloroethane
Concen: 15.966 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Instrument :
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ClientSampleId :
A44R1MSD

Tgt Ion: 64 Resp: 141791
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.3

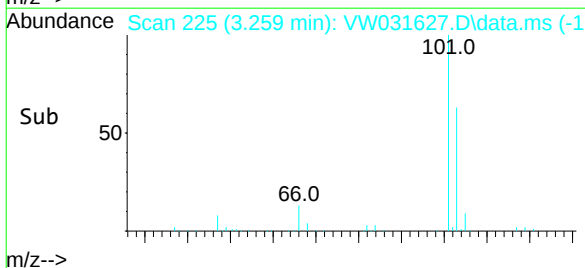
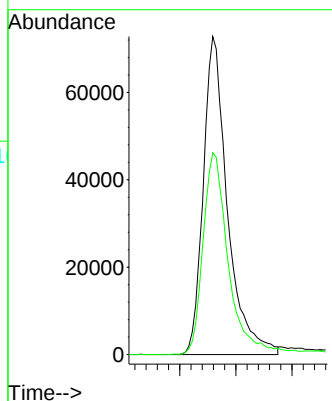
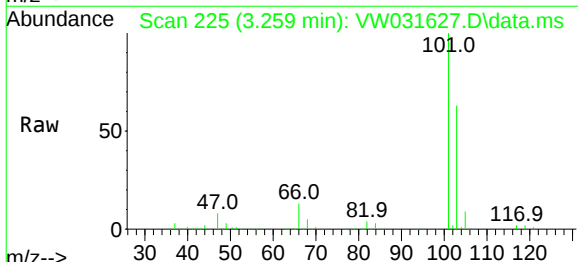
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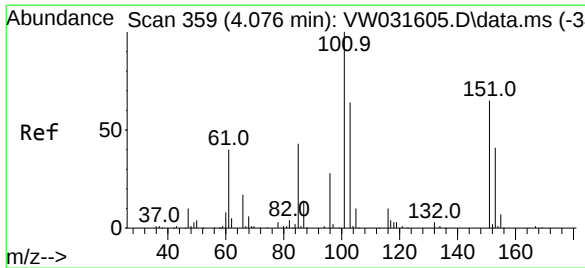
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#9
Trichlorofluoromethane
Concen: 14.528 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Tgt Ion:101 Resp: 218056
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2





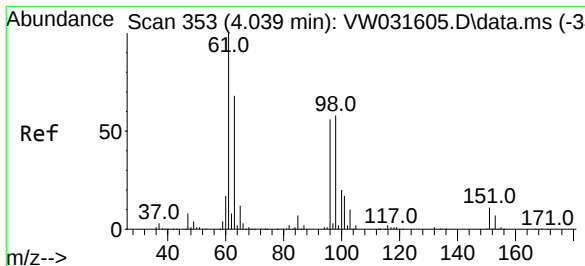
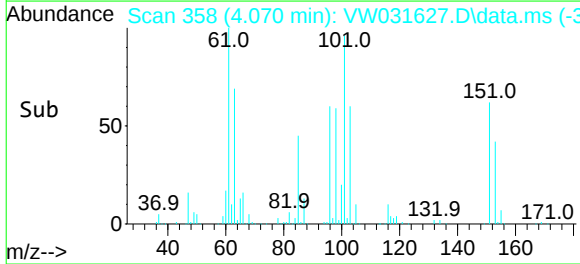
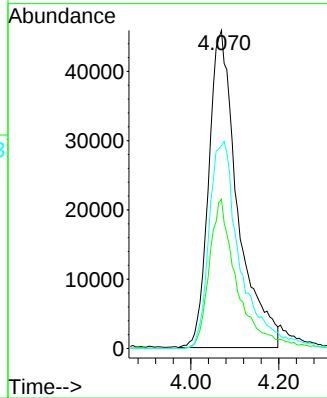
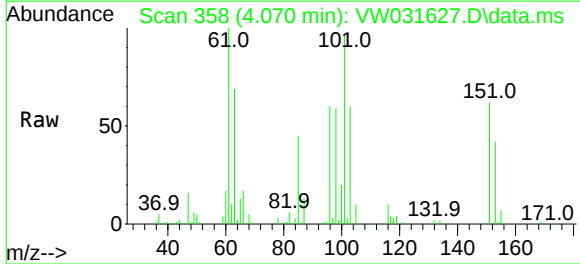
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.171 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW031627.D
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Tgt Ion: 101 Resp: 208831
Ion Ratio Lower Upper
101 100
85 44.0 36.1 54.1
151 58.5 56.9 85.3

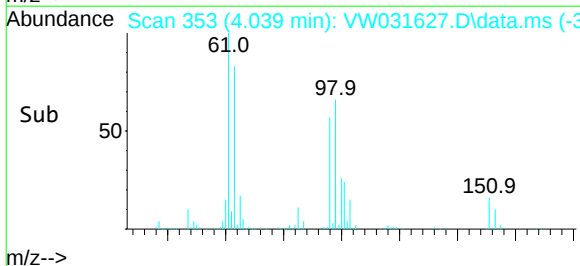
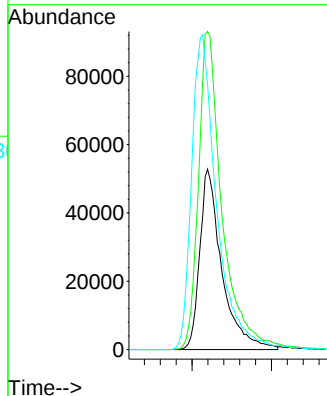
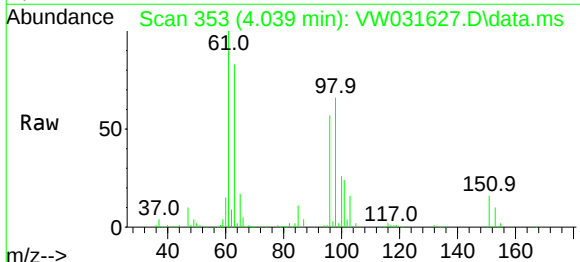
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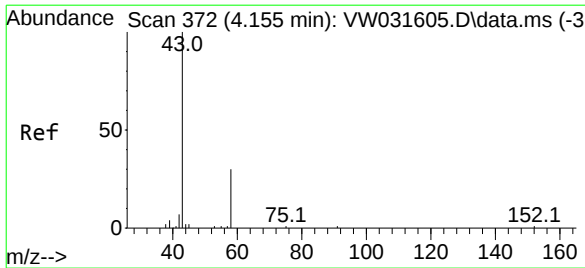
Reviewed By : Semsettin Yesilyurt 01/29/2025
Supervised By : Mahesh Dadoda 01/29/2025



#12
1,1-Dichloroethene
Concen: 17.489 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Tgt Ion: 96 Resp: 204471
Ion Ratio Lower Upper
96 100
61 176.2 123.8 230.0
63 146.7 94.1 174.8





#13

Acetone

Concen: 84.380 ug/L m

RT: 4.149 min Scan# 371

Delta R.T. -0.018 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

Instrument :

MSVOA_W

ClientSampleId :

A44R1MSD

Tgt Ion: 43 Resp: 143928

Ion Ratio Lower Upper

43 100

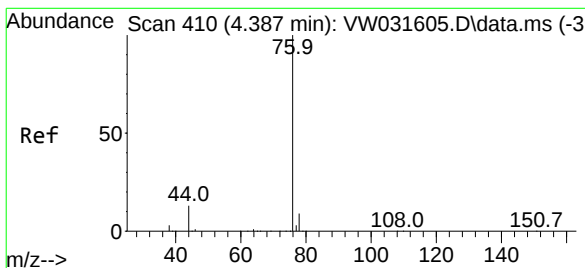
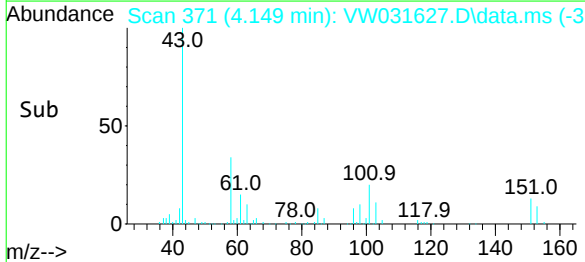
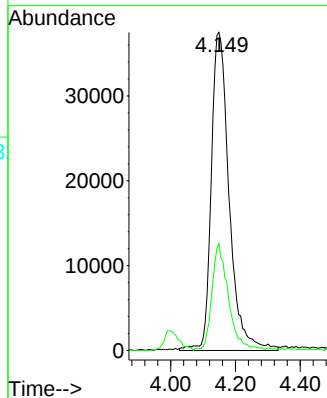
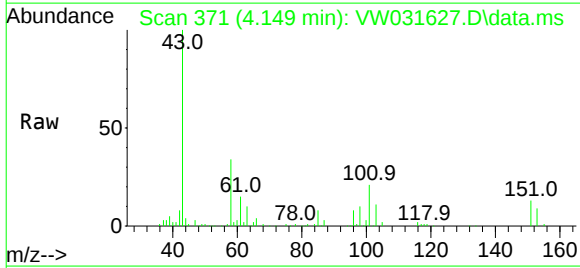
58 0.1 0.0 28.2

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Supervised By :Mahesh Dadoda 01/29/2025



#14

Carbon disulfide

Concen: 15.067 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW031627.D

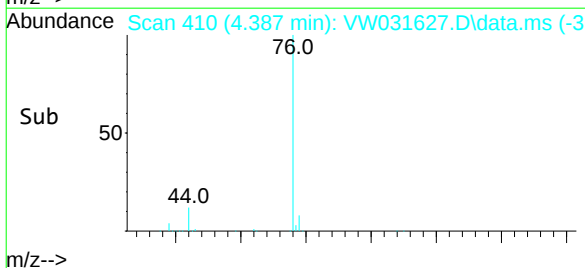
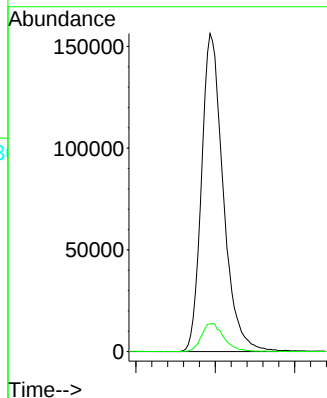
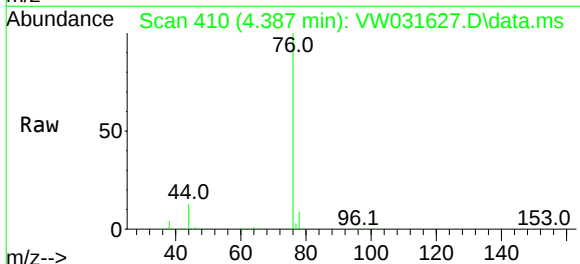
Acq: 28 Jan 2025 18:42

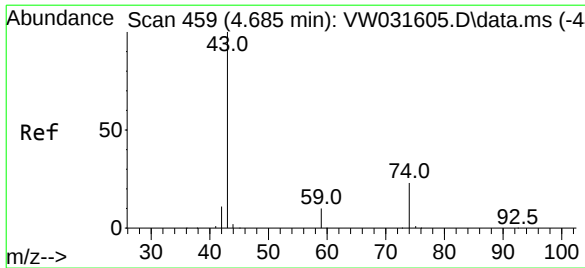
Tgt Ion: 76 Resp: 593352

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





#15

Methyl Acetate

Concen: 28.534 ug/L m

RT: 4.679 min Scan# 45

Delta R.T. -0.006 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

Instrument :

MSVOA_W

ClientSampleId :

A44R1MSD

Tgt Ion: 43 Resp: 127509

Ion Ratio Lower Upper

43 100

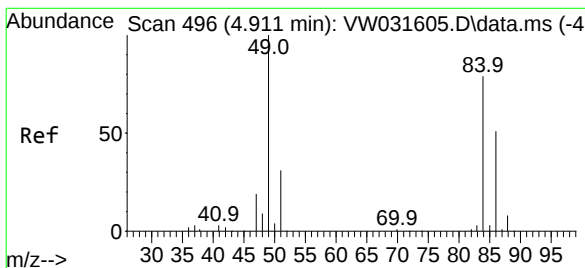
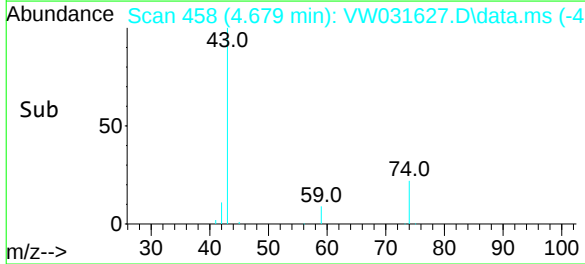
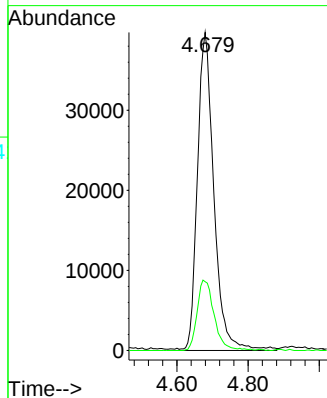
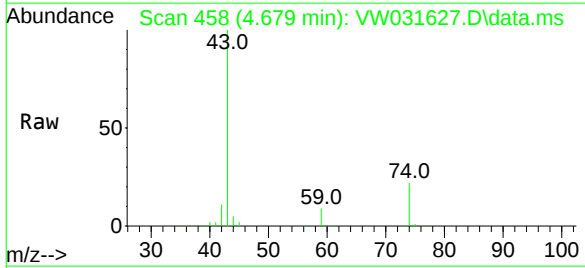
74 0.0 10.6 15.8#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025

Supervised By :Mahesh Dadoda 01/29/2025



#16

Methylene chloride

Concen: 19.012 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

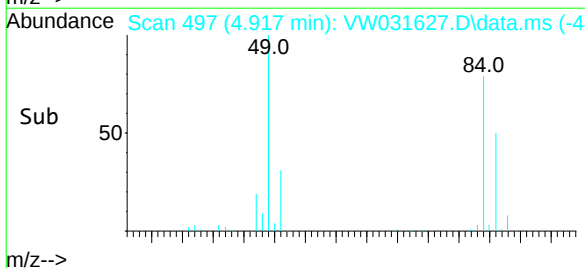
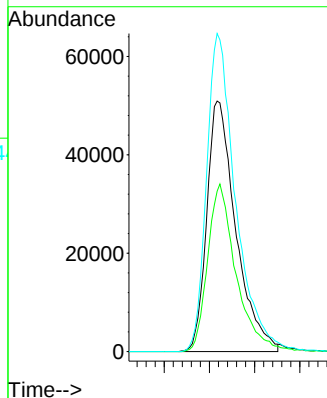
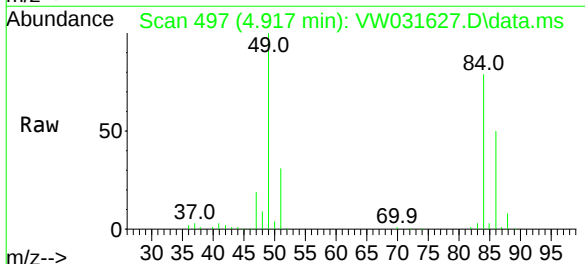
Tgt Ion: 84 Resp: 227500

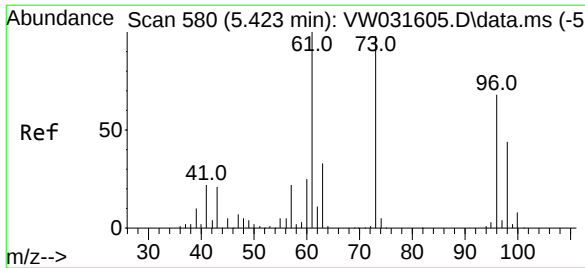
Ion Ratio Lower Upper

84 100

86 64.0 47.0 87.2

49 127.0 89.8 166.8





#17

trans-1,2-Dichloroethene

Concen: 18.115 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

Instrument :

MSVOA_W

ClientSampleId :

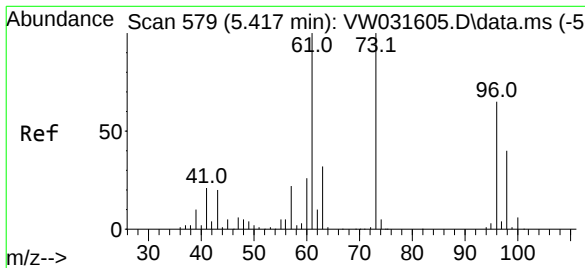
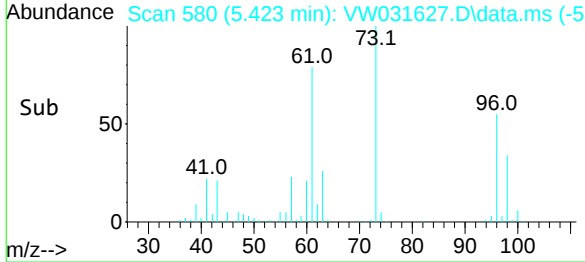
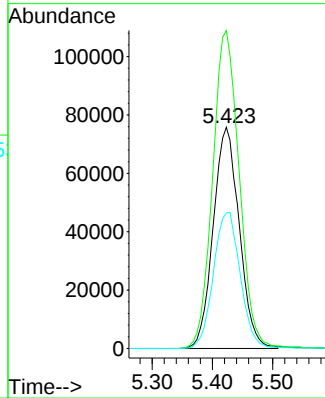
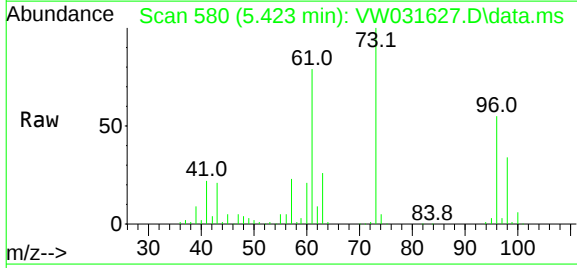
A44R1MSD

Tgt Ion:	96	Resp:	227475
Ion	Ratio	Lower	Upper
96	100		
61	143.8	105.1	195.1
98	61.3	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: 25.243 ug/L

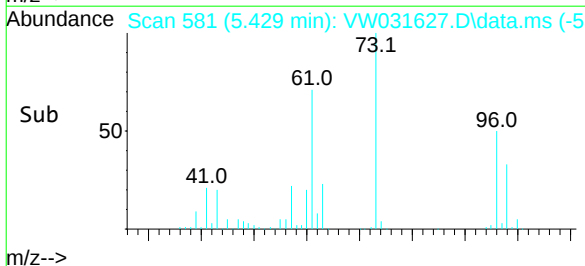
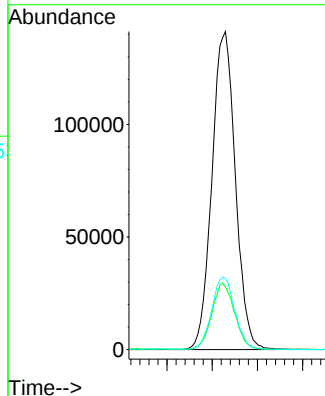
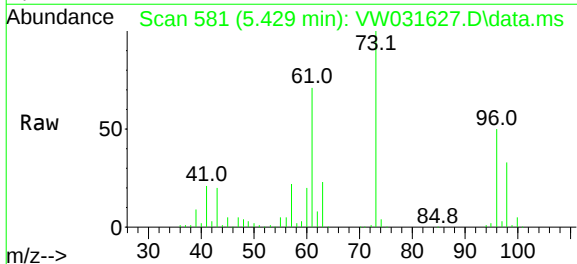
RT: 5.429 min Scan# 581

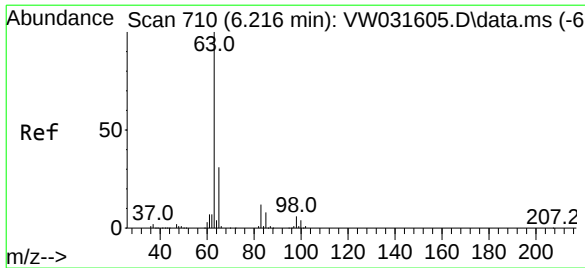
Delta R.T. -0.000 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

Tgt Ion:	73	Resp:	508280
Ion	Ratio	Lower	Upper
73	100		
43	20.4	16.4	24.6
57	22.5	18.2	27.2





#19

1,1-Dichloroethane

Concen: 19.425 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.012 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

Instrument :

MSVOA_W

ClientSampleId :

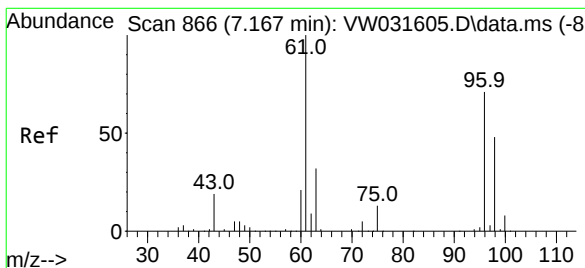
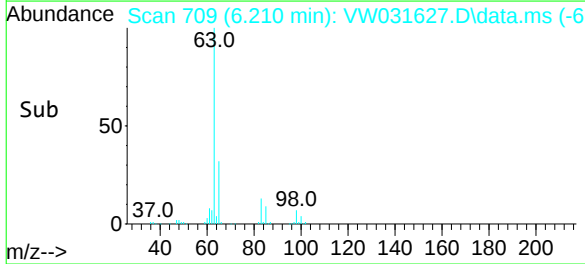
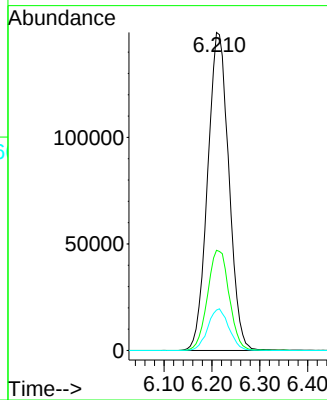
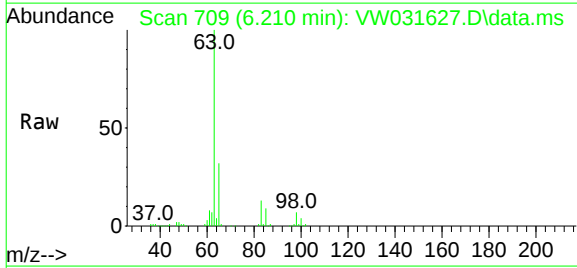
A44R1MSD

Tgt Ion:	63	Resp:	458924
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.0	41.0
83	12.7	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: 19.730 ug/L

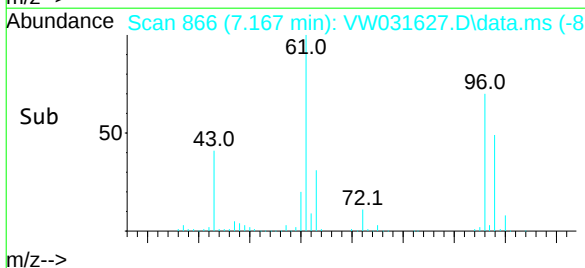
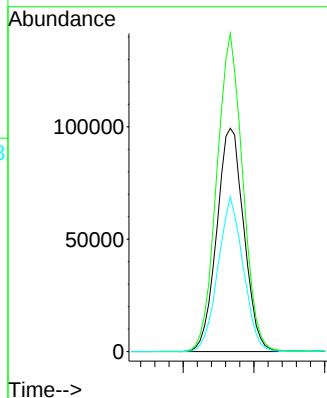
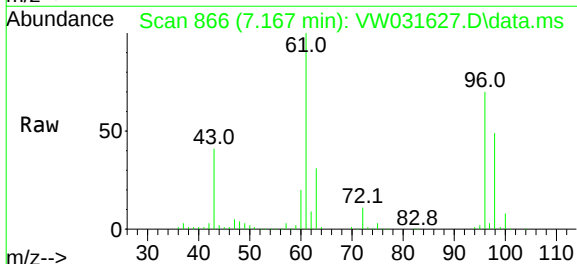
RT: 7.167 min Scan# 866

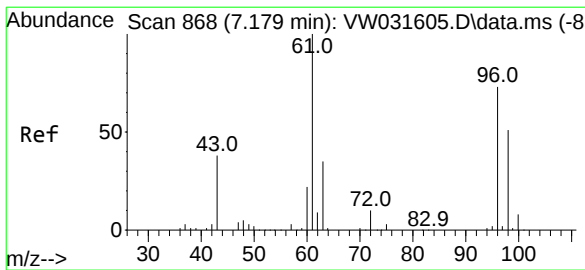
Delta R.T. -0.006 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

Tgt Ion:	96	Resp:	264522
Ion	Ratio	Lower	Upper
96	100		
61	142.4	94.8	176.2
98	69.3	45.6	84.8





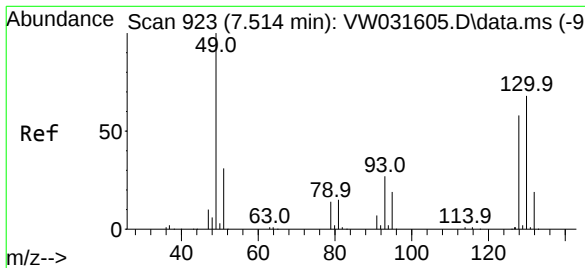
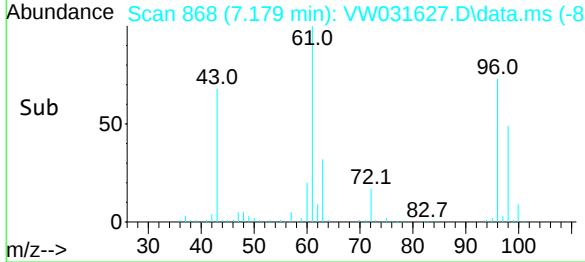
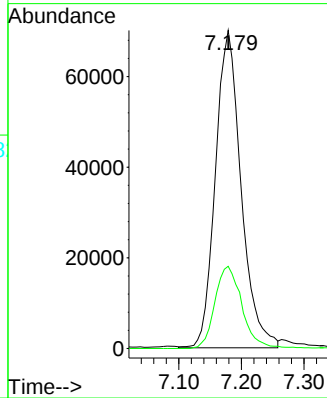
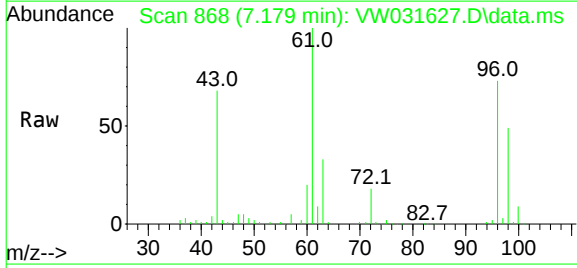
#22
2-Butanone
Concen: 68.596 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD

Tgt Ion: 43 Resp: 199832
Ion Ratio Lower Upper
43 100
72 26.9 13.2 39.5

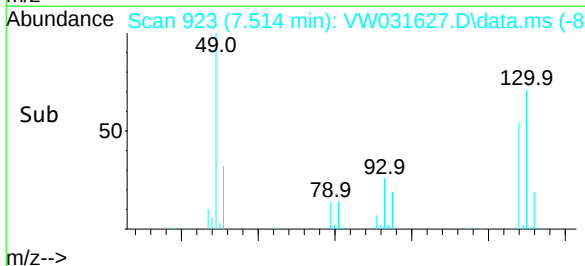
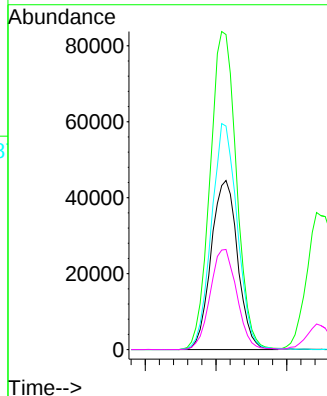
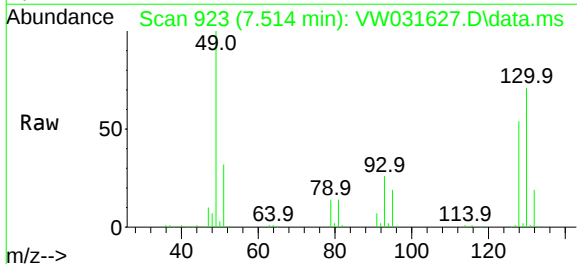
Manual Integrations
APPROVED

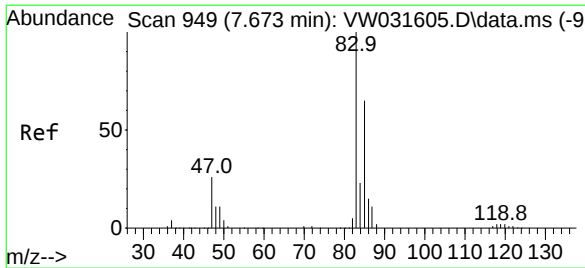
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#23
Bromochloromethane
Concen: 22.152 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Tgt Ion:128 Resp: 116312
Ion Ratio Lower Upper
128 100
49 186.3 123.9 230.1
130 132.2 88.1 163.7
51 59.2 42.5 63.7





#25

Chloroform

Concen: 20.343 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

Instrument :

MSVOA_W

ClientSampleId :

A44R1MSD

Tgt Ion: 83 Resp: 457135

Ion Ratio Lower Upper

83 100

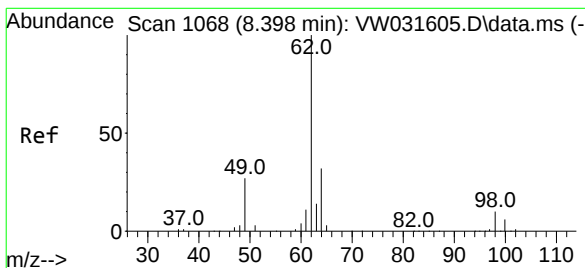
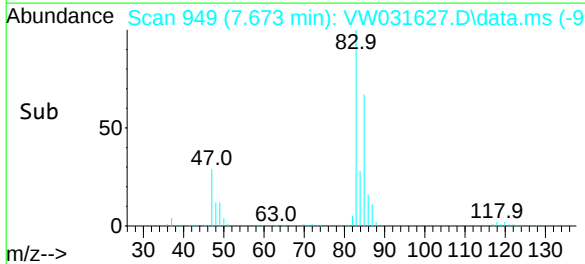
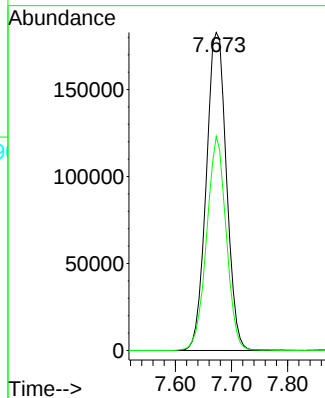
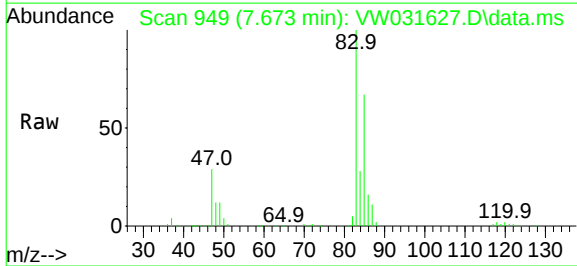
85 67.3 46.2 85.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025

Supervised By :Mahesh Dadoda 01/29/2025



#27

1,2-Dichloroethane

Concen: 24.306 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031627.D

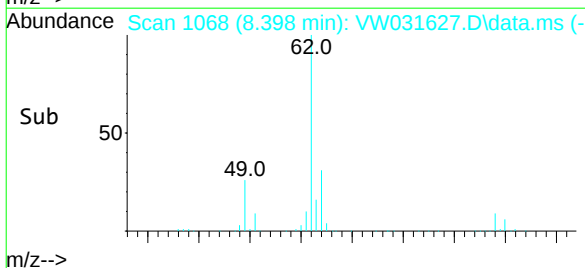
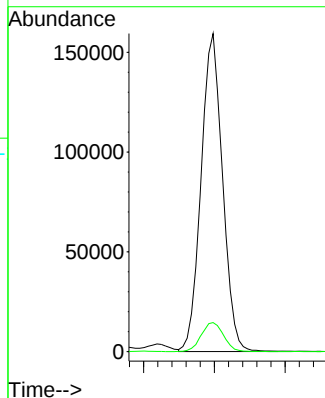
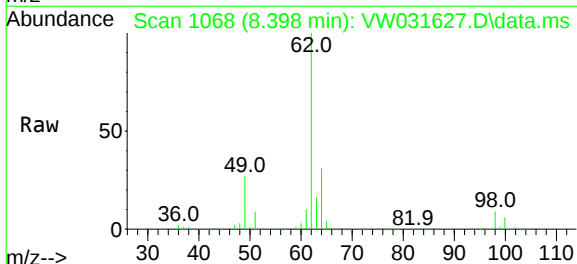
Acq: 28 Jan 2025 18:42

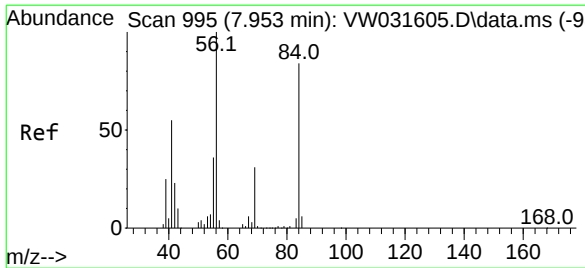
Tgt Ion: 62 Resp: 336402

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9





#29

Cyclohexane

Concen: 16.627 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

Instrument :

MSVOA_W

ClientSampleId :

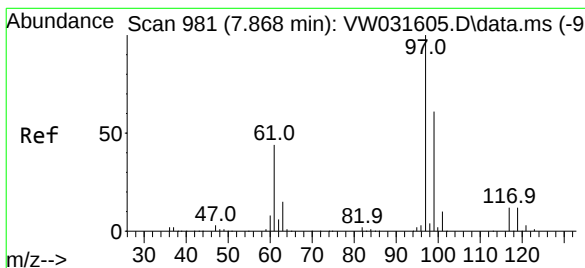
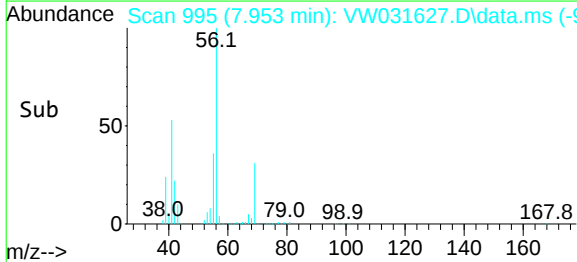
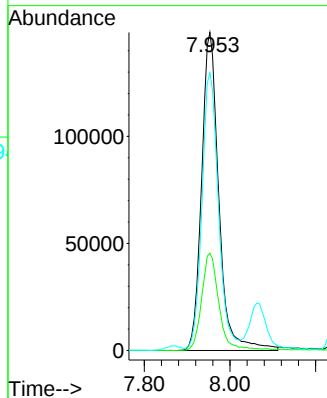
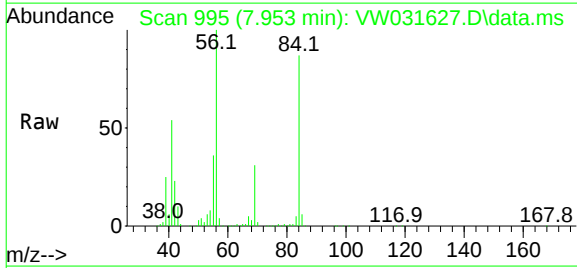
A44R1MSD

Tgt Ion: 56	Resp: 414142
Ion Ratio	Lower Upper
56 100	
69 30.5	25.2 37.8
84 82.1	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: 17.198 ug/L

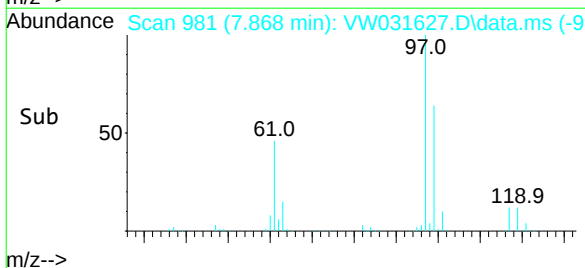
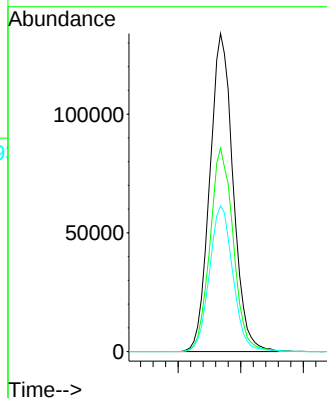
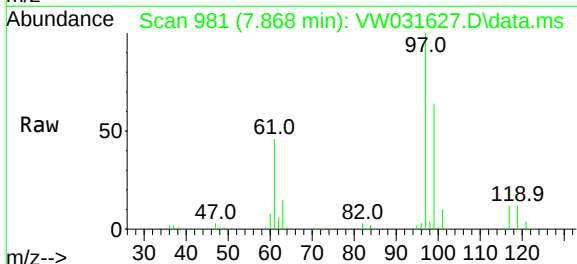
RT: 7.868 min Scan# 981

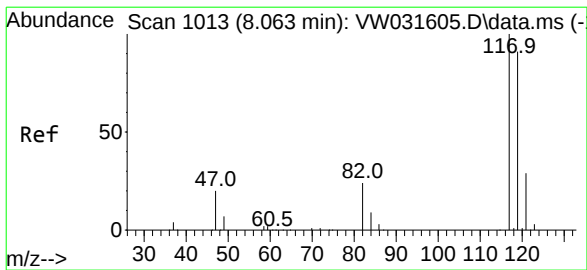
Delta R.T. -0.006 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

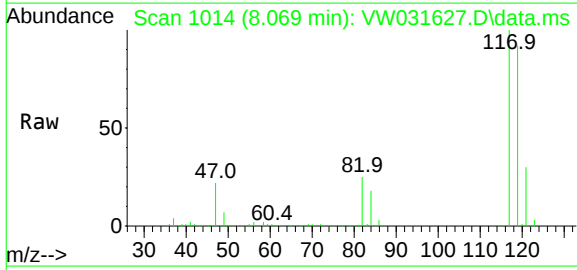
Tgt Ion: 97	Resp: 346931
Ion Ratio	Lower Upper
97 100	
99 63.9	52.2 78.4
61 45.9	36.9 55.3





#31
Carbon tetrachloride
Concen: 17.524 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

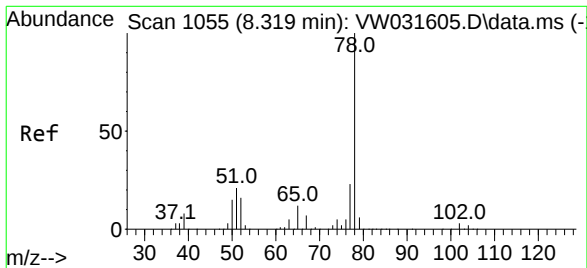
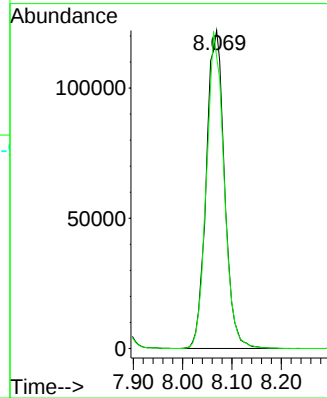
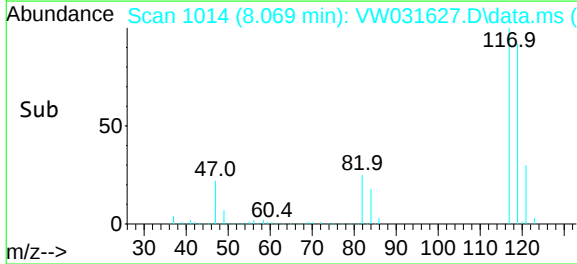
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



Tgt Ion:117 Resp: 313428
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0

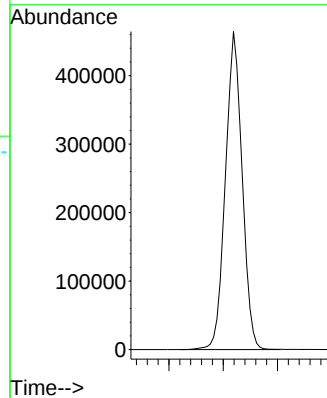
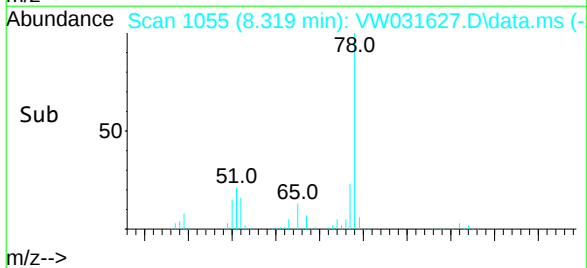
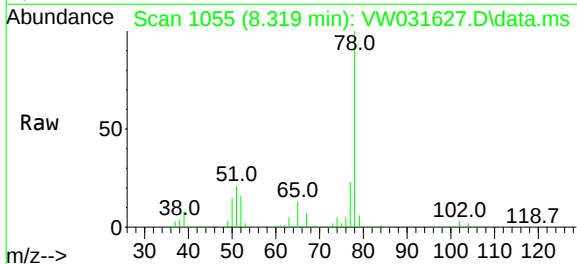
Manual Integrations
APPROVED

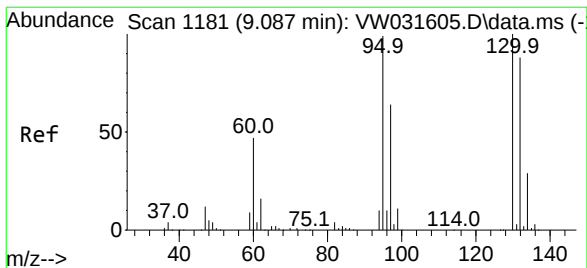
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#33
Benzene
Concen: 18.703 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Tgt Ion: 78 Resp: 994740





#34

Trichloroethene

Concen: 17.912 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031627.D

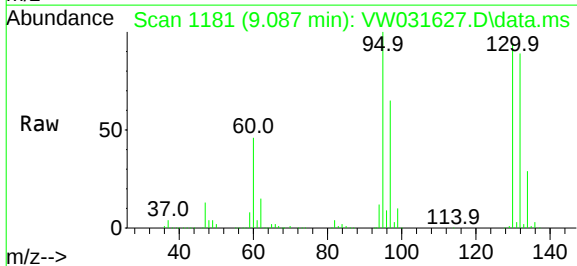
Acq: 28 Jan 2025 18:42

Instrument :

MSVOA_W

ClientSampleId :

A44R1MSD



Tgt Ion: 95 Resp: 256128

Ion Ratio Lower Upper

95 100

97 65.1 44.0 81.6

132 89.3 64.6 120.0

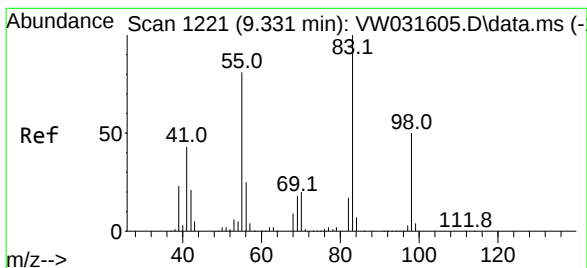
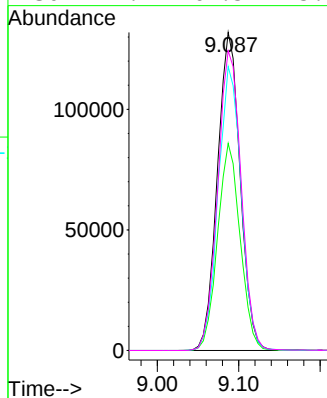
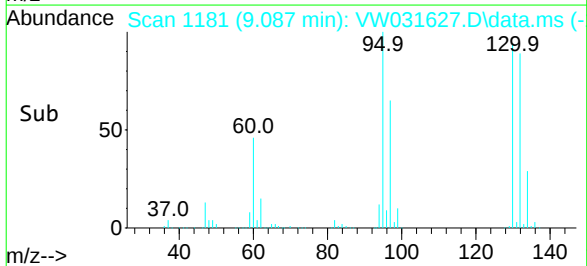
130 94.2 67.5 125.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2025

Supervised By :Mahesh Dadoda 01/29/2025



#35

Methylcyclohexane

Concen: 15.576 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031627.D

Acq: 28 Jan 2025 18:42

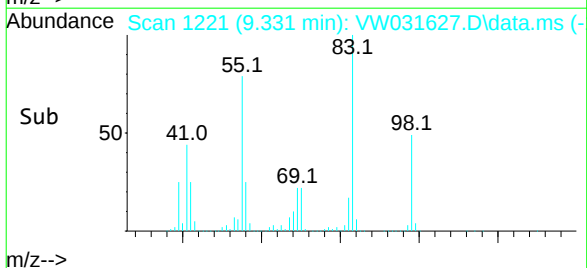
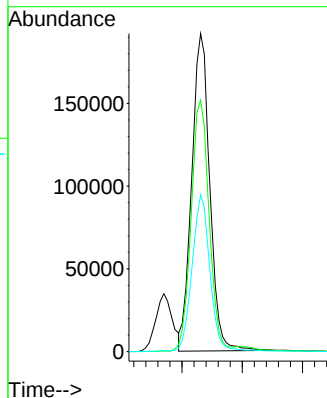
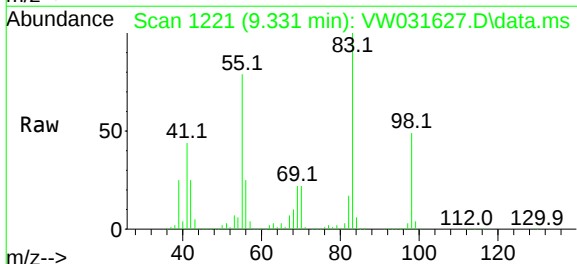
Tgt Ion: 83 Resp: 399313

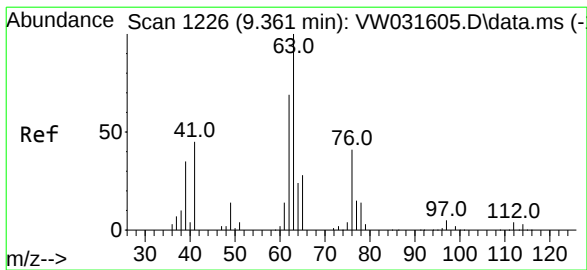
Ion Ratio Lower Upper

83 100

55 78.5 63.4 95.2

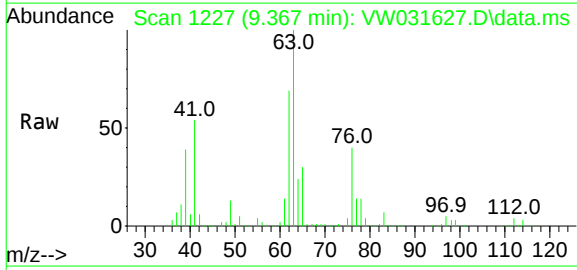
98 47.9 38.8 58.2





#37
1,2-Dichloropropane
Concen: 20.540 ug/L
RT: 9.367 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

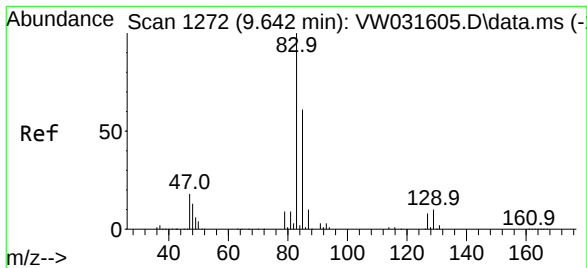
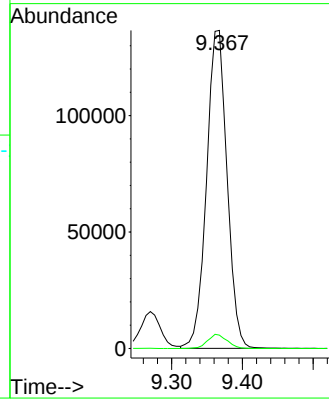
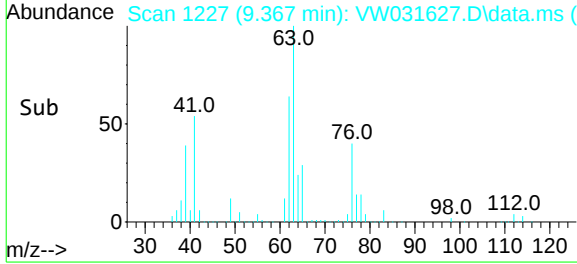
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



Tgt Ion: 63 Resp: 274567
Ion Ratio Lower Upper
63 100
112 4.2 3.6 5.4

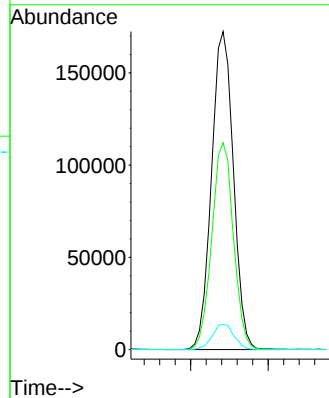
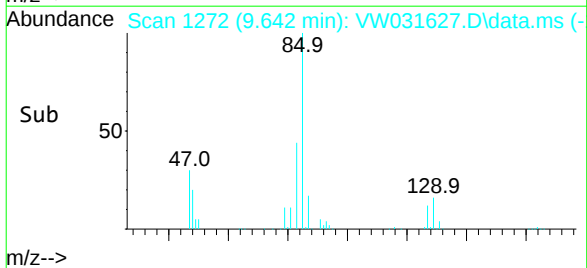
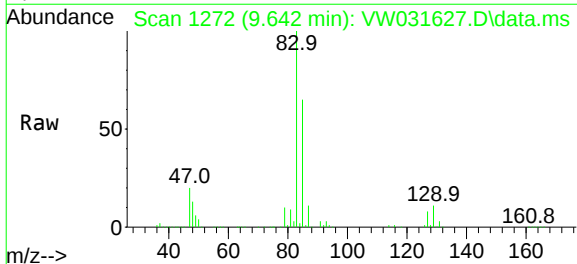
Manual Integrations
APPROVED

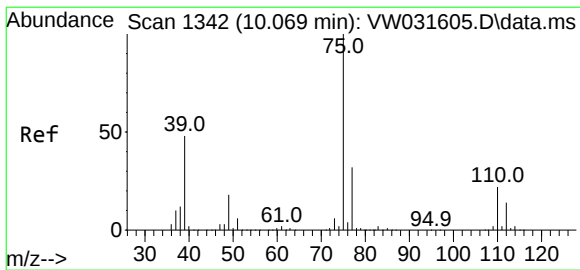
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#38
Bromodichloromethane
Concen: 20.895 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Tgt Ion: 83 Resp: 337863
Ion Ratio Lower Upper
83 100
85 65.0 43.8 81.3
127 7.9 6.2 9.4





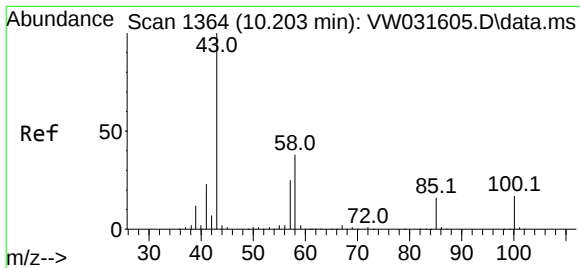
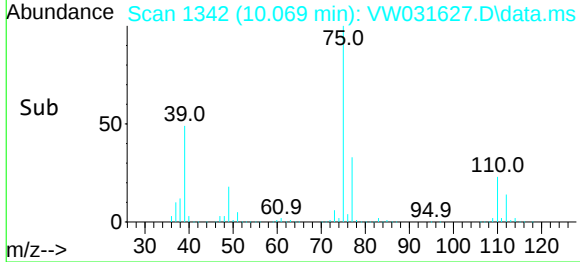
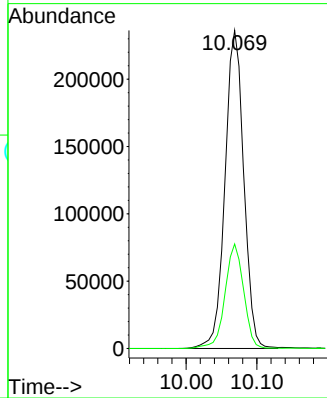
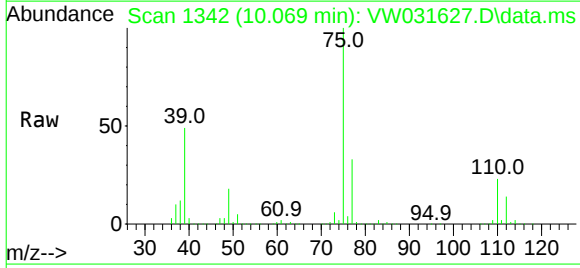
#39
cis-1,3-Dichloropropene
Concen: 20.693 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Instrument : MSVOA_W
ClientSampleId : A44R1MSD

Tgt Ion: 75 Resp: 435139
Ion Ratio Lower Upper
75 100
77 32.9 21.6 40.2

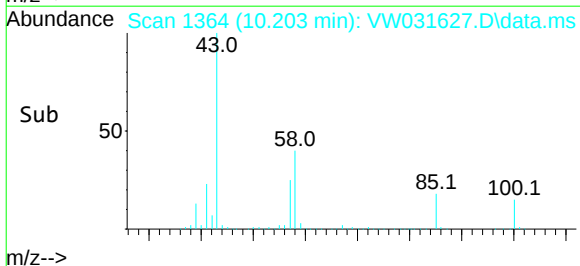
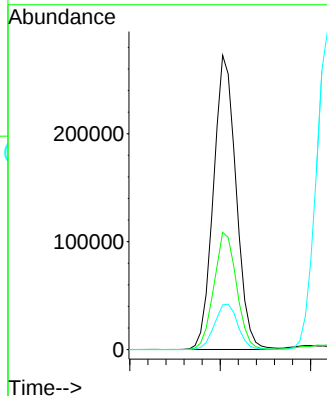
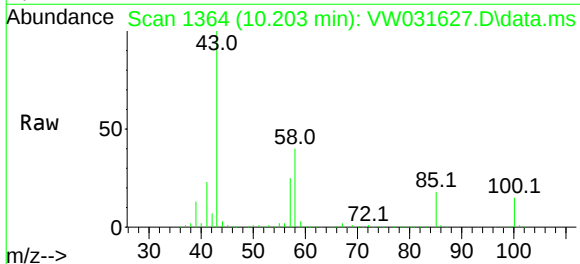
Manual Integrations
APPROVED

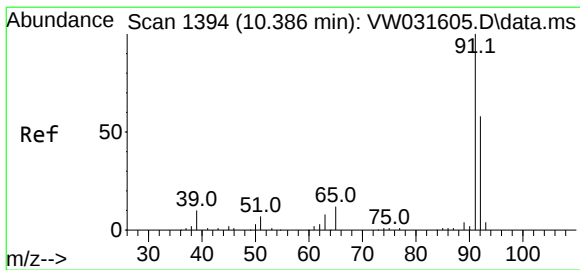
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#40
4-Methyl-2-pentanone
Concen: 71.291 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

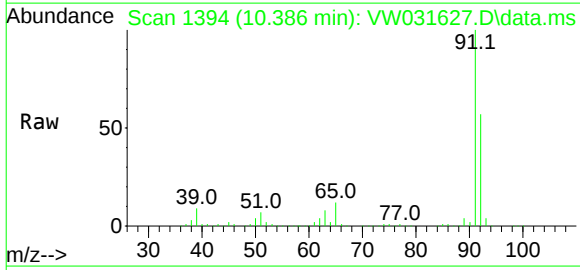
Tgt Ion: 43 Resp: 475686
Ion Ratio Lower Upper
43 100
58 40.0 31.4 47.2
100 15.9 12.3 18.5





#42
Toluene
Concen: 18.729 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

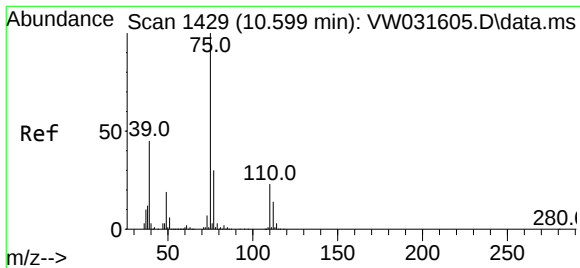
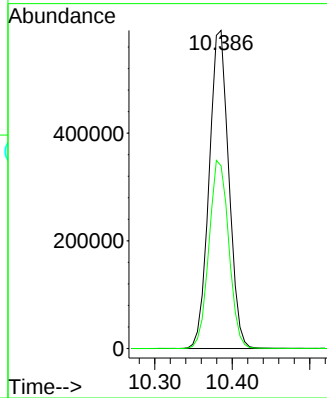
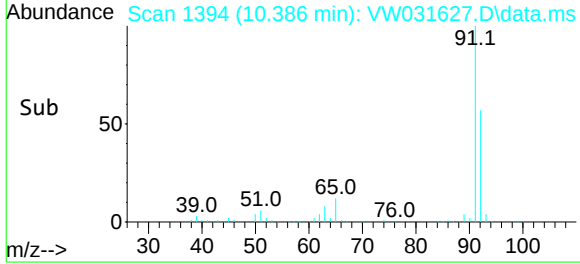
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



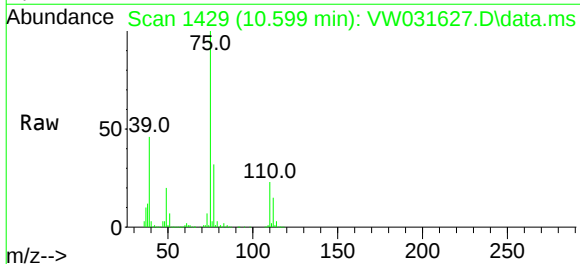
Tgt Ion: 91 Resp: 1041247
Ion Ratio Lower Upper
91 100
92 57.4 40.6 75.4

Manual Integrations
APPROVED

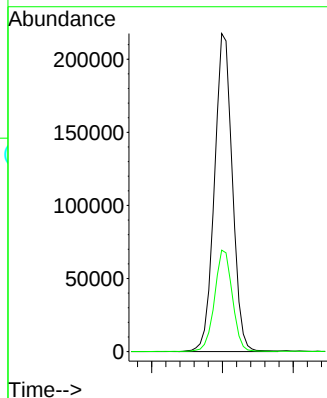
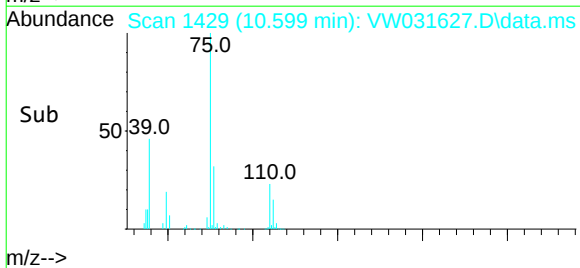
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

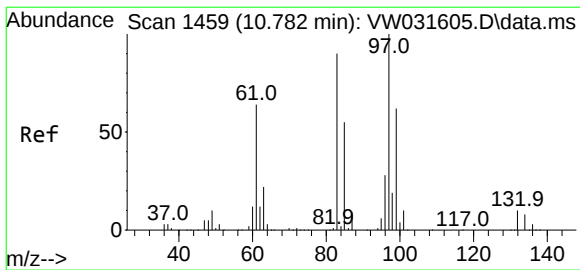


#44
trans-1,3-Dichloropropene
Concen: 22.735 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42



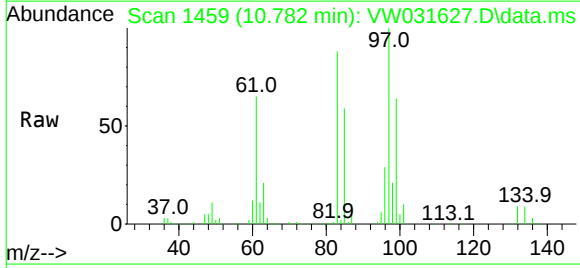
Tgt Ion: 75 Resp: 382151
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.9





#45
1,1,2-Trichloroethane
Concen: 25.743 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

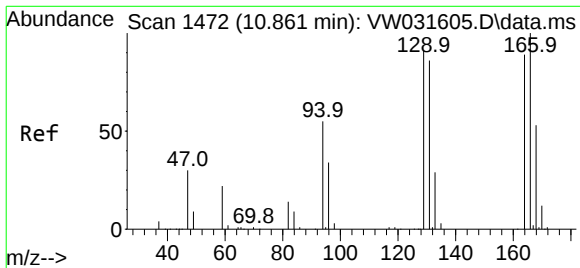
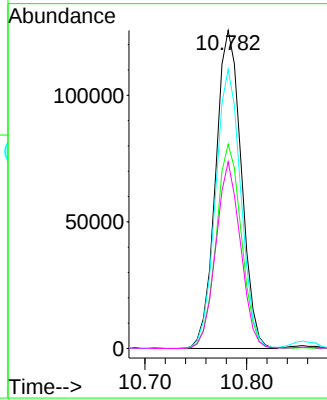
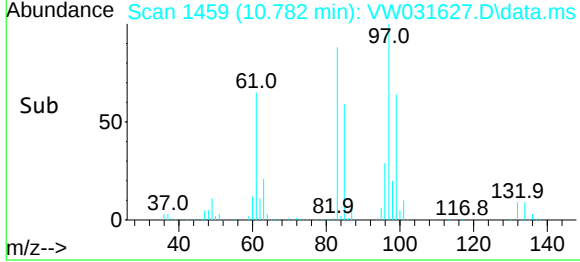
Instrument : MSVOA_W
ClientSampleId : A44R1MSD



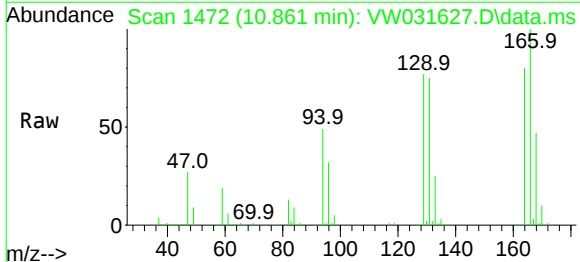
Tgt Ion: 97 Resp: 220576
Ion Ratio Lower Upper
97 100
99 64.2 42.6 79.2
83 87.8 59.6 110.8
85 58.7 37.3 69.3

Manual Integrations
APPROVED

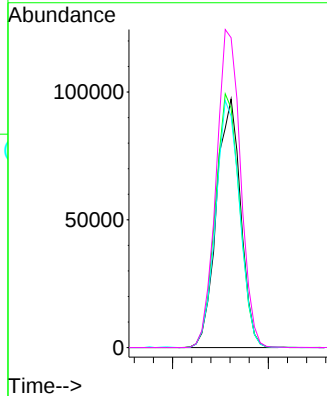
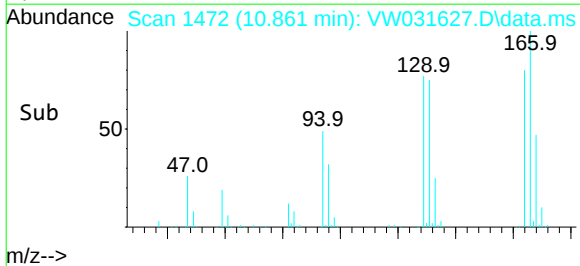
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

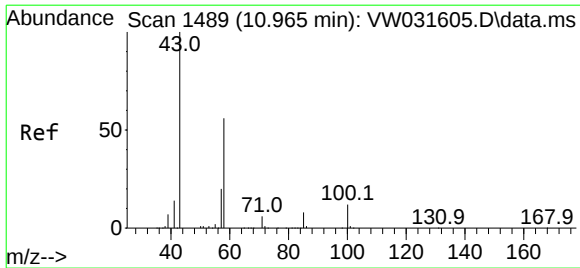


#46
Tetrachloroethene
Concen: 16.671 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42



Tgt Ion:164 Resp: 171061
Ion Ratio Lower Upper
164 100
129 96.3 69.8 129.6
131 93.0 63.1 117.1
166 124.6 81.7 151.7





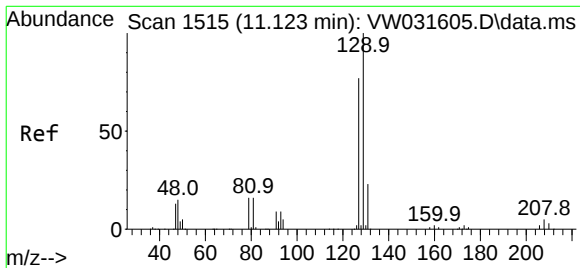
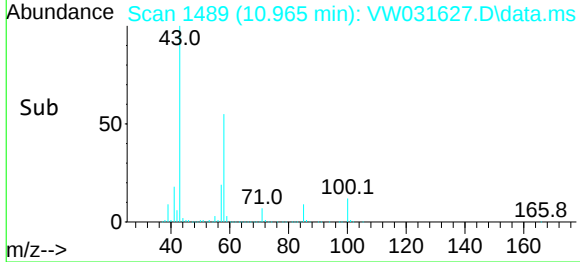
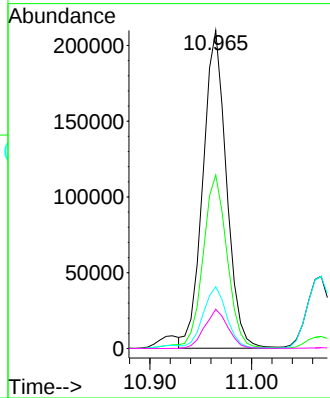
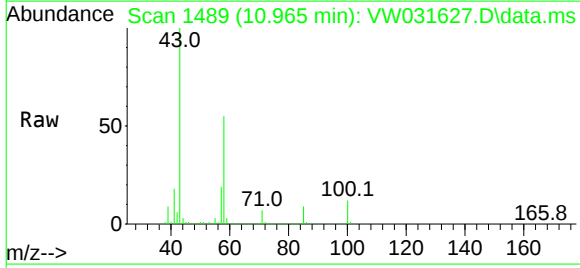
#48
2-Hexanone
Concen: 82.632 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Instrument : MSVOA_W
ClientSampleId : A44R1MSD

Tgt Ion: 43 Resp: 336932
Ion Ratio Lower Upper
43 100
58 54.8 44.8 67.2
57 19.6 15.6 23.4
100 12.2 9.3 13.9

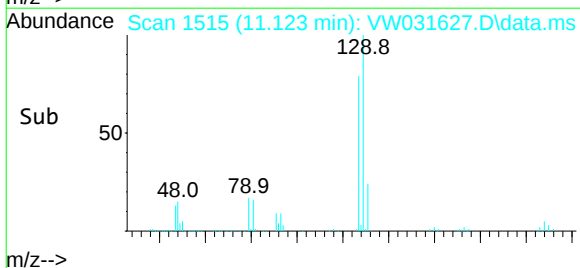
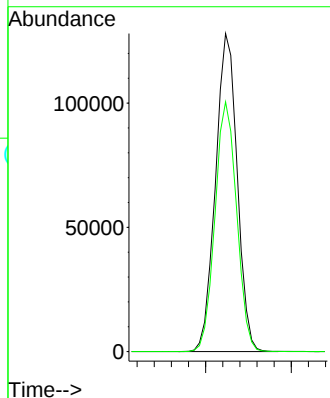
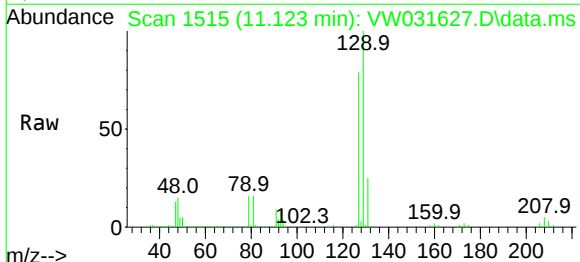
Manual Integrations
APPROVED

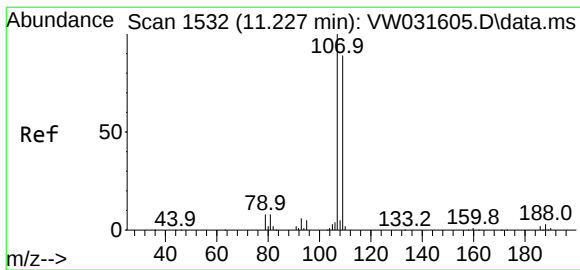
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#49
Dibromochloromethane
Concen: 23.885 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

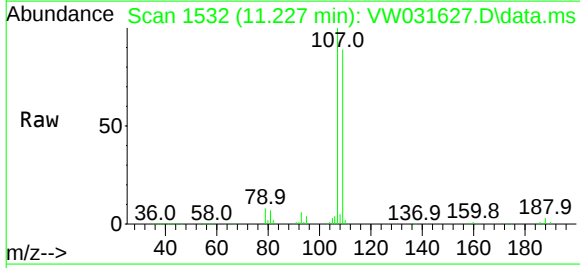
Tgt Ion:129 Resp: 225179
Ion Ratio Lower Upper
129 100
127 78.5 53.0 98.4





#50
1,2-Dibromoethane
Concen: 27.581 ug/L
RT: 11.227 min Scan# 1532
Delta R.T. -0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

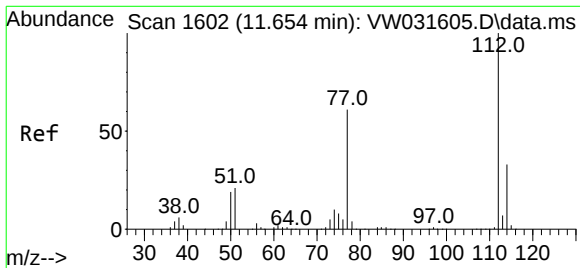
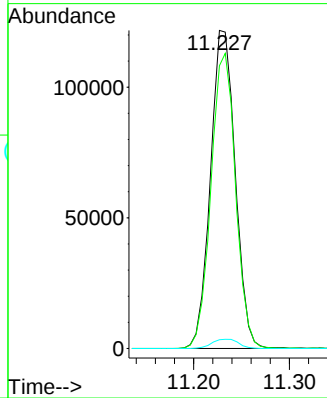
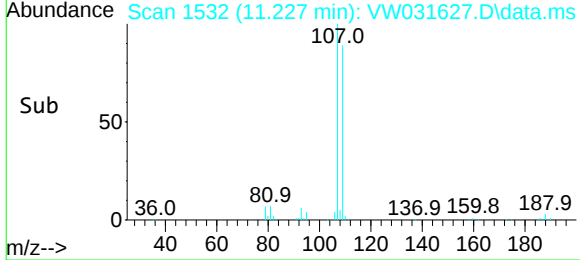
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



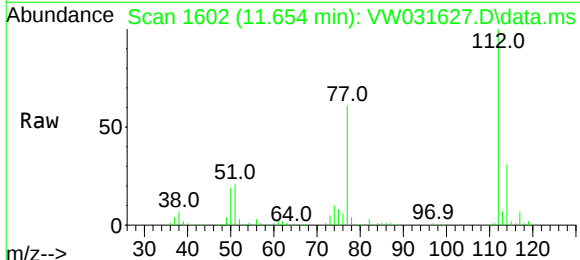
Tgt Ion:107 Resp: 219031
Ion Ratio Lower Upper
107 100
109 88.9 63.8 118.4
188 2.8 2.6 3.8

Manual Integrations APPROVED

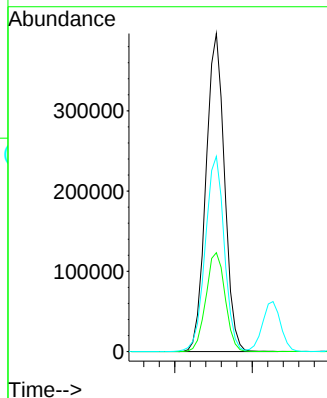
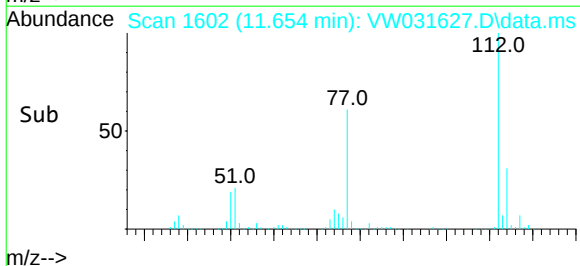
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

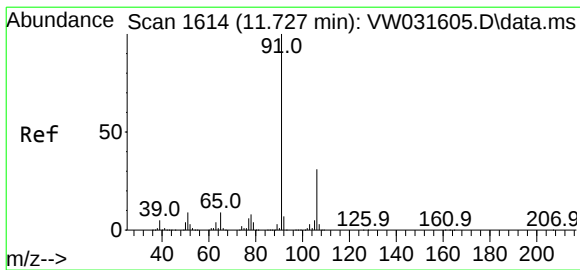


#51
Chlorobenzene
Concen: 19.179 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42



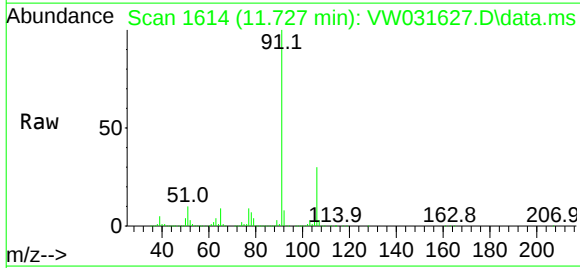
Tgt Ion:112 Resp: 658424
Ion Ratio Lower Upper
112 100
114 31.1 22.0 40.8
77 61.4 49.0 73.4





#52
Ethylbenzene
Concen: 18.079 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

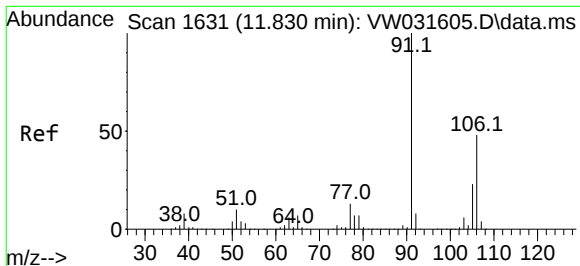
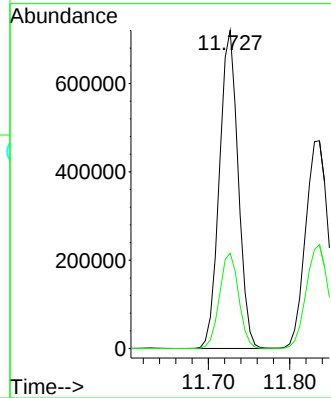
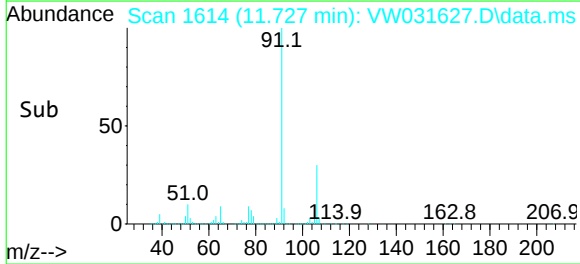
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



Tgt Ion: 91 Resp: 1153315
Ion Ratio Lower Upper
91 100
106 29.9 22.3 41.3

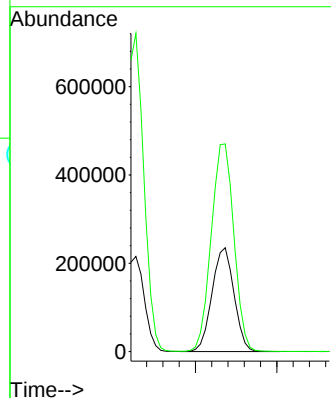
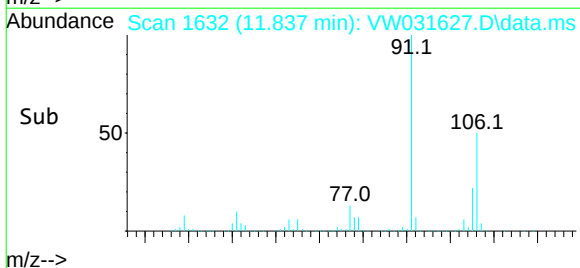
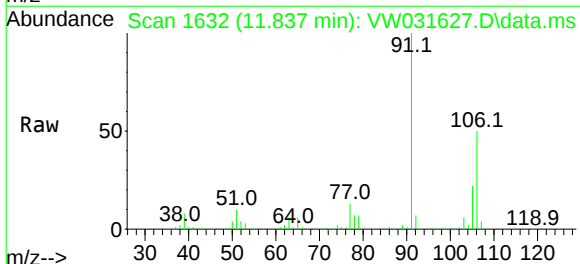
Manual Integrations
APPROVED

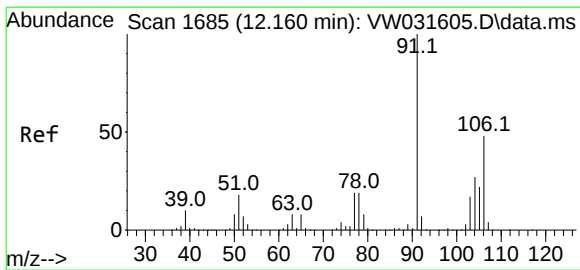
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#53
m,p-Xylene
Concen: 18.174 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

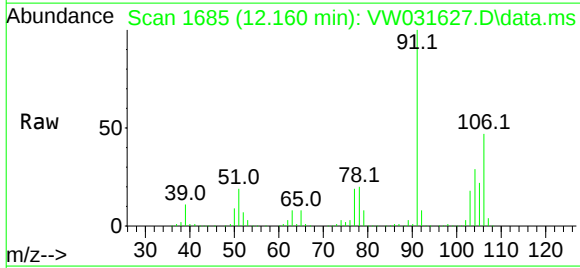
Tgt Ion:106 Resp: 442037
Ion Ratio Lower Upper
106 100
91 199.9 145.9 270.9





#54
o-Xylene
Concen: 19.055 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

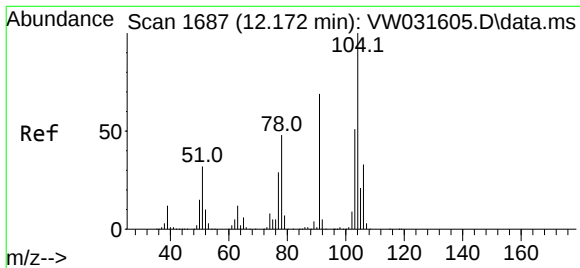
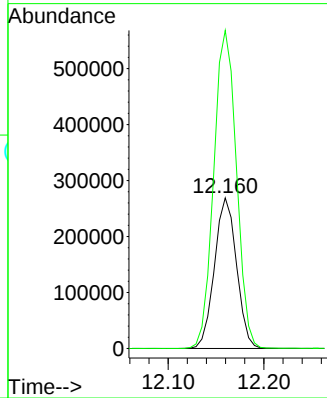
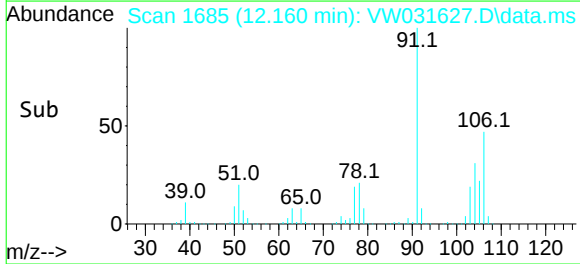
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



Tgt Ion:106 Resp: 430737
Ion Ratio Lower Upper
106 100
91 211.2 152.9 284.1

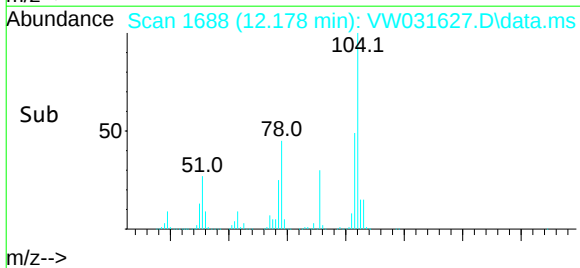
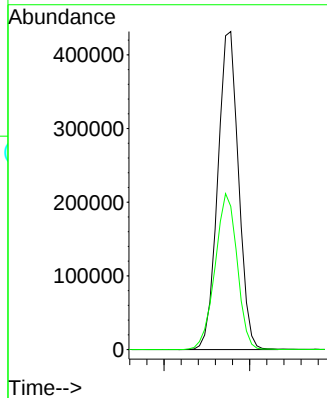
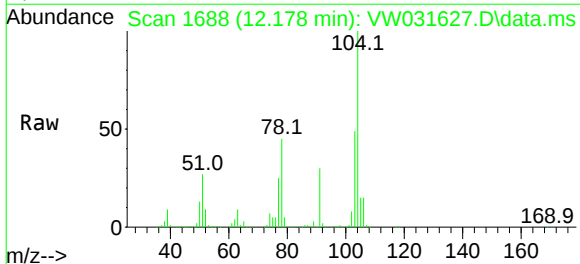
Manual Integrations
APPROVED

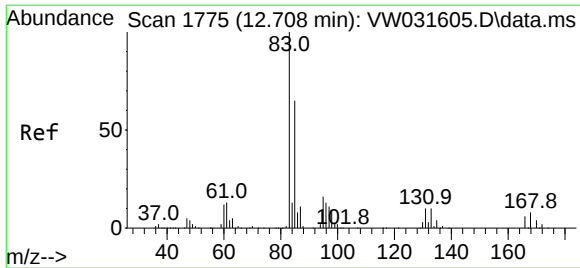
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#55
Styrene
Concen: 19.319 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Tgt Ion:104 Resp: 726657
Ion Ratio Lower Upper
104 100
78 45.0 32.0 59.4





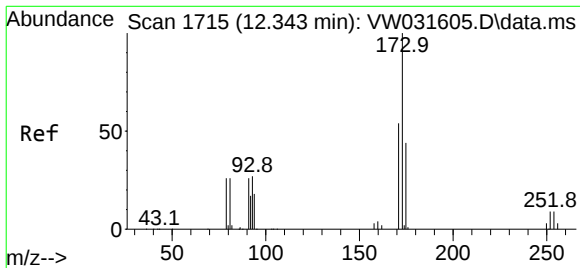
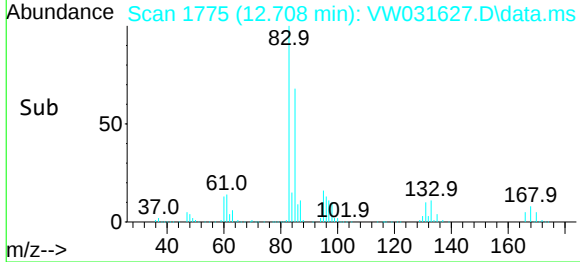
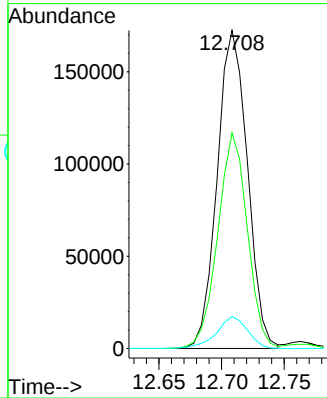
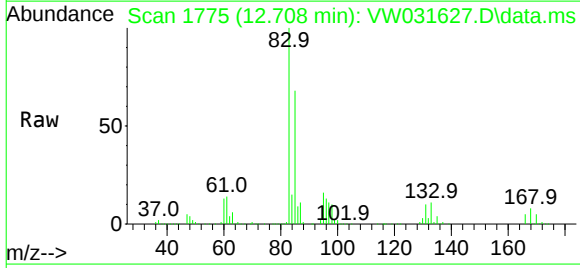
#57
1,1,2,2-Tetrachloroethane
Concen: 30.727 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD

Tgt Ion:	83	Resp:	289295
Ion	Ratio	Lower	Upper
83	100		
85	67.7	44.1	81.9
131	10.1	7.4	11.0

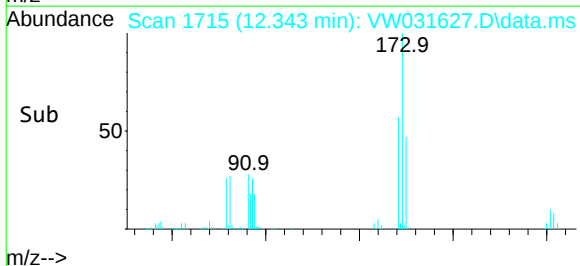
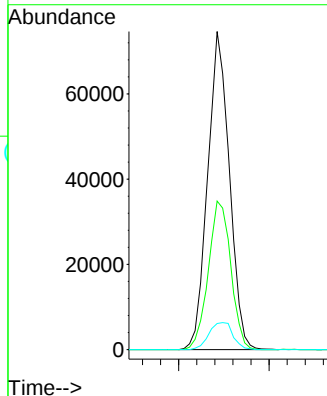
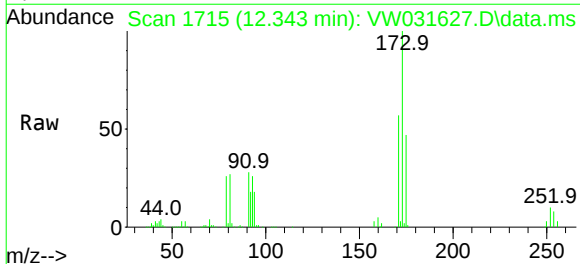
Manual Integrations
APPROVED

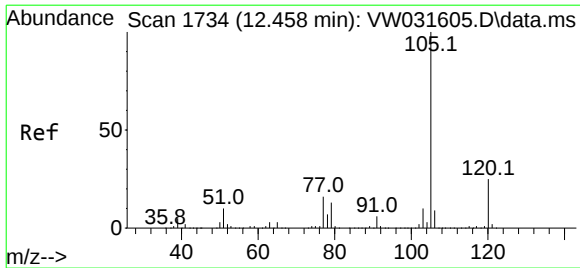
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#59
Bromoform
Concen: 25.477 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

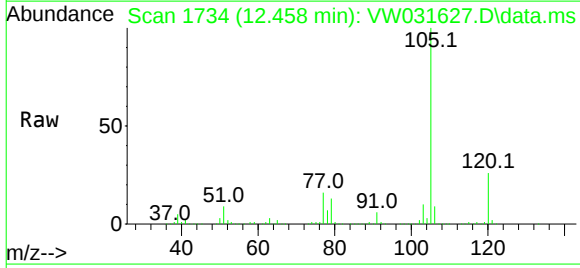
Tgt Ion:	173	Resp:	124452
Ion	Ratio	Lower	Upper
173	100		
175	48.4	37.7	56.5
254	9.4	7.1	10.7





#60
Isopropylbenzene
Concen: 17.677 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

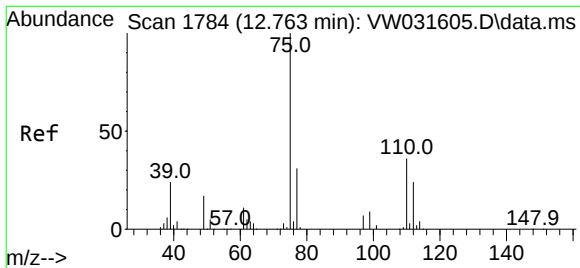
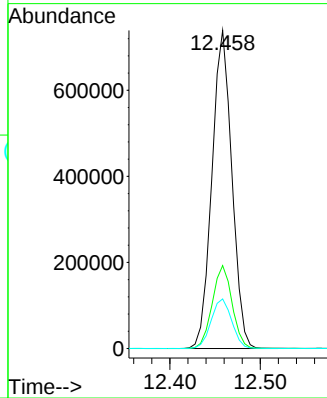
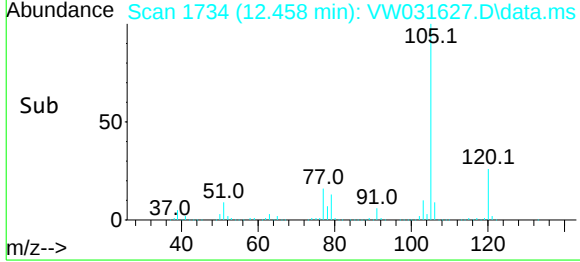
Instrument : MSVOA_W
ClientSampleId : A44R1MSD



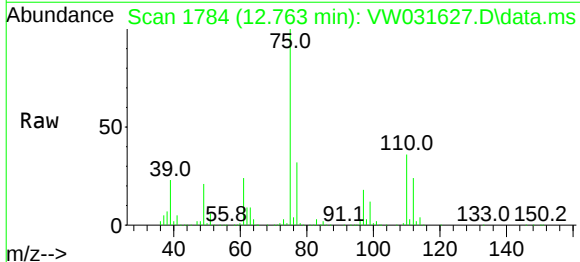
Tgt Ion: 105 Resp: 1132057
Ion Ratio Lower Upper
105 100
120 25.9 20.1 30.1
77 16.1 12.7 19.1

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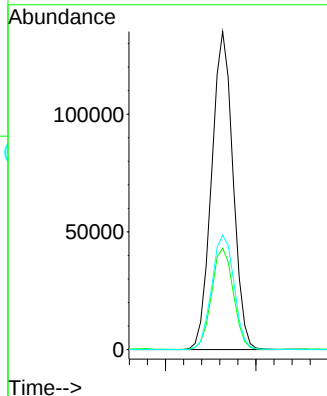
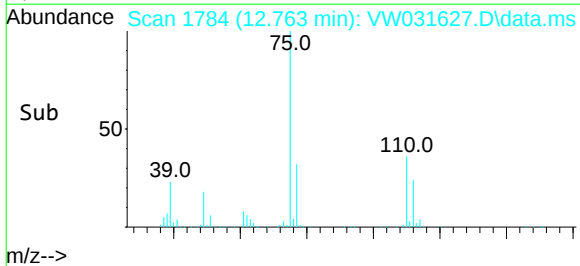
Reviewed By : Semsettin Yesilyurt 01/29/2025
Supervised By : Mahesh Dadoda 01/29/2025

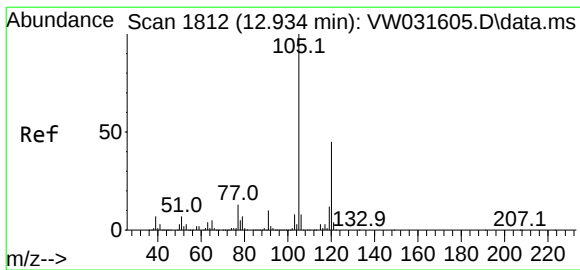


#61
1,2,3-Trichloropropane
Concen: 32.251 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42



Tgt Ion: 75 Resp: 222032
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2
110 37.5 29.6 44.4





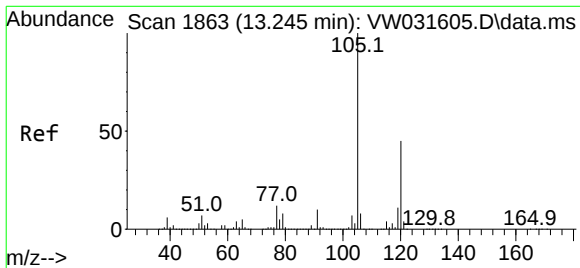
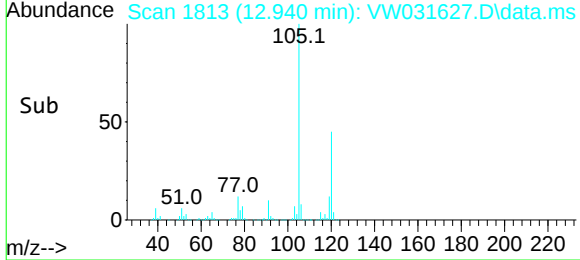
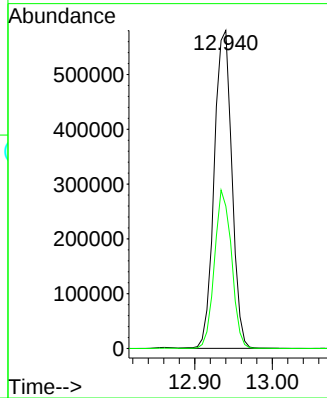
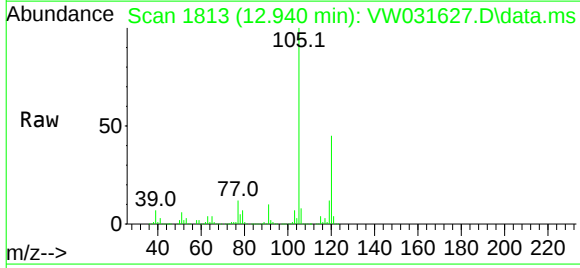
#62
1,3,5-Trimethylbenzene
Concen: 17.407 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD

Tgt Ion:105 Resp: 917946
Ion Ratio Lower Upper
105 100
120 48.1 37.6 56.4

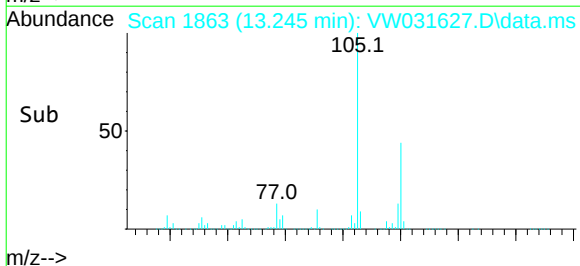
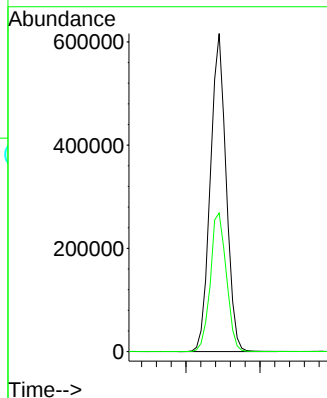
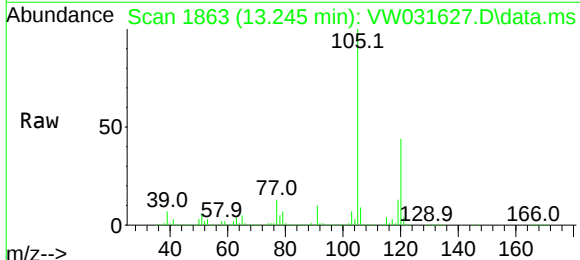
Manual Integrations
APPROVED

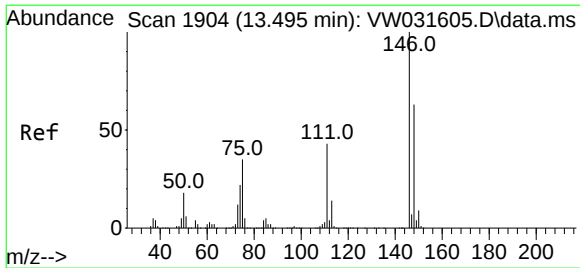
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#63
1,2,4-Trimethylbenzene
Concen: 17.784 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Tgt Ion:105 Resp: 912759
Ion Ratio Lower Upper
105 100
120 44.3 36.3 54.5





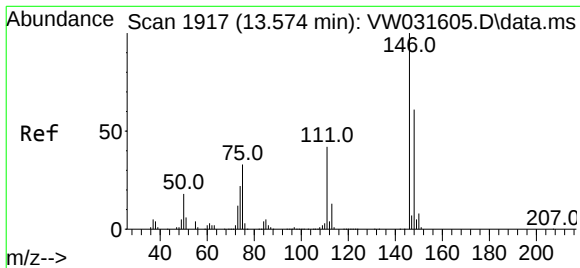
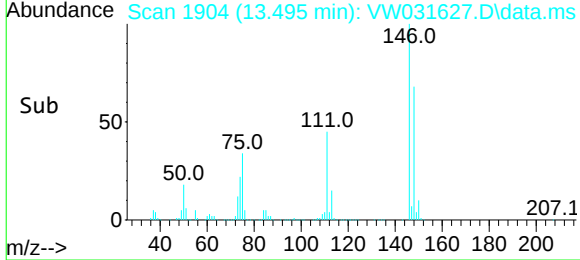
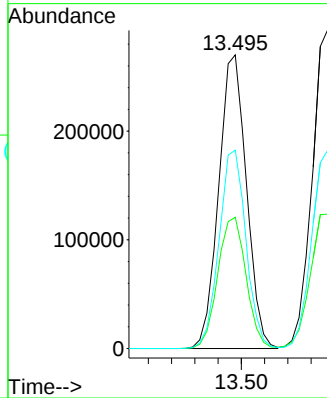
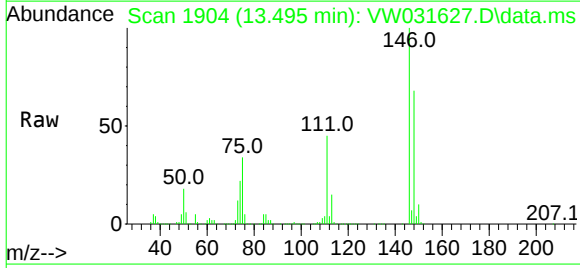
#64
1,3-Dichlorobenzene
Concen: 17.619 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD

Tgt Ion:	146	Resp:	447527
Ion	Ratio	Lower	Upper
146	100		
111	44.7	30.4	56.5
148	67.5	42.1	78.1

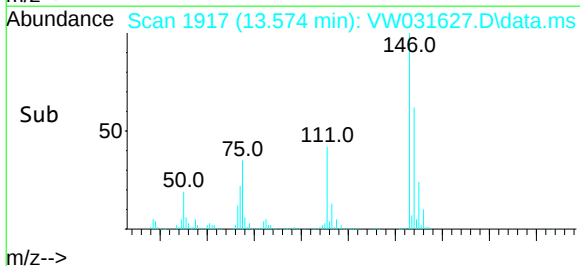
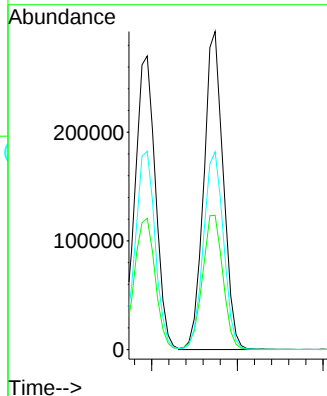
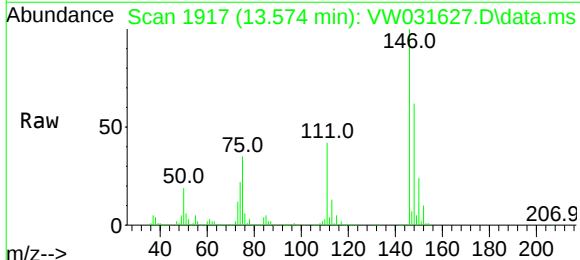
Manual Integrations
APPROVED

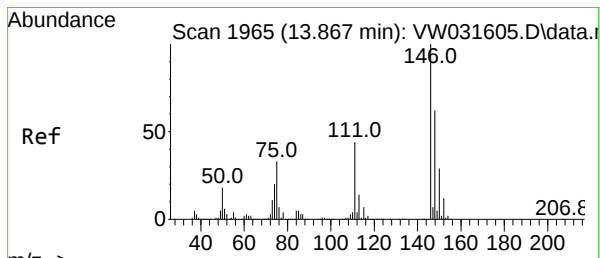
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025



#65
1,4-Dichlorobenzene
Concen: 18.408 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

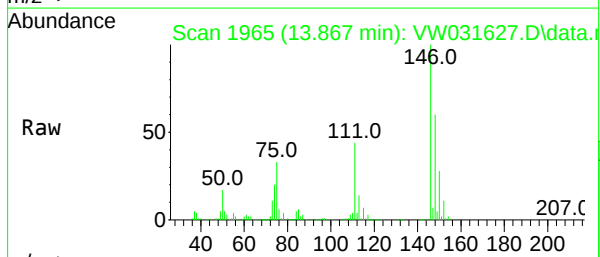
Tgt Ion:	146	Resp:	462450
Ion	Ratio	Lower	Upper
146	100		
111	42.2	28.5	52.9
148	62.2	45.4	84.4





#67
1,2-Dichlorobenzene
Concen: 20.492 ug/L
RT: 13.867 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

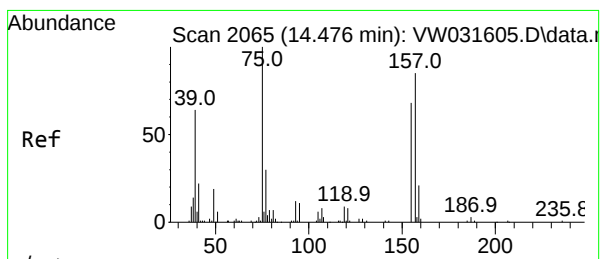
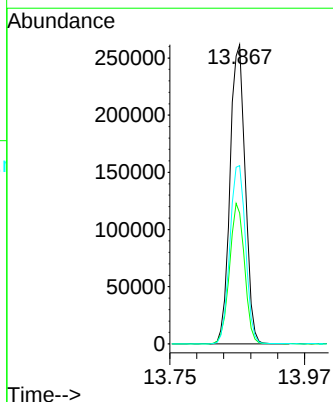
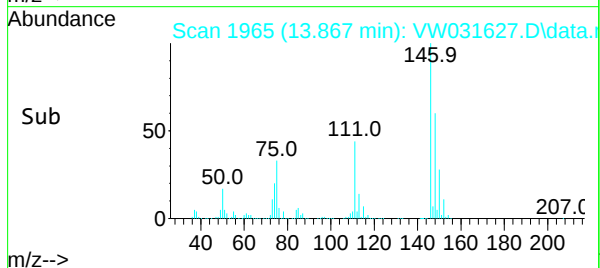
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



Tgt Ion: 146 Resp: 44456
Ion Ratio Lower Upper
146 100
111 43.8 36.6 55.0
148 59.6 51.0 76.4

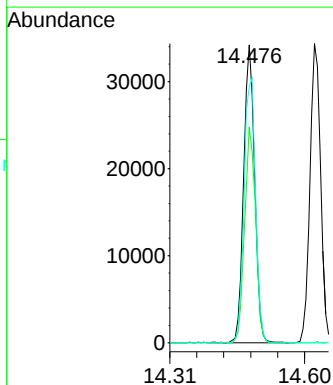
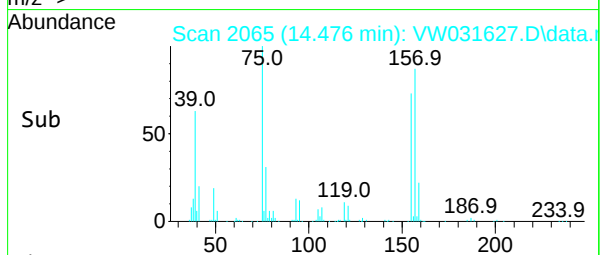
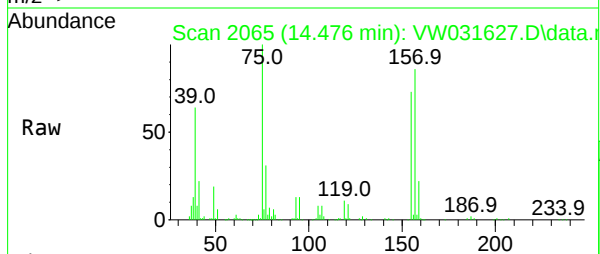
Manual Integrations
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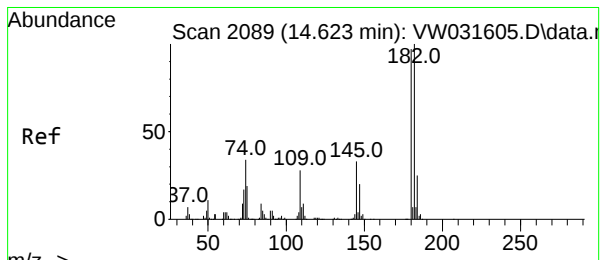
Reviewed By : Semsettin Yesilyurt 01/29/2025
Supervised By : Mahesh Dadoda 01/29/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 36.288 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

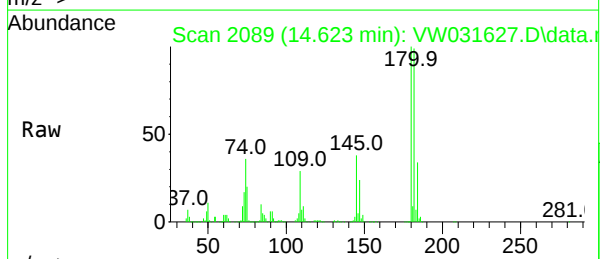
Tgt Ion: 75 Resp: 55852
Ion Ratio Lower Upper
75 100
155 72.6 51.0 76.4
157 85.9 70.2 105.2





#69
1,3,5-Trichlorobenzene
Concen: 14.556 ug/L
RT: 14.623 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

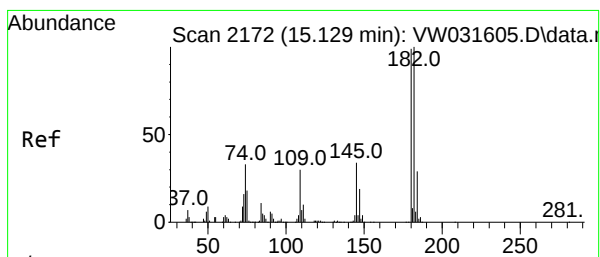
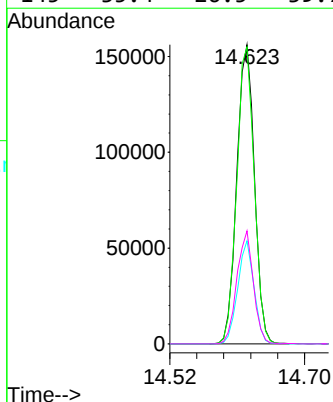
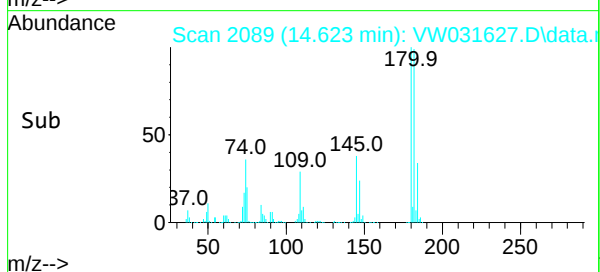
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



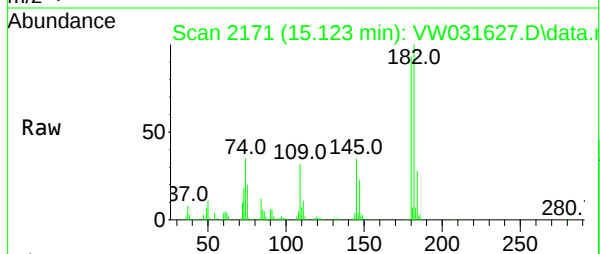
Tgt Ion:180 Resp: 25055
Ion Ratio Lower Upper
180 100
182 98.4 74.2 111.4
184 31.9 23.0 34.4
145 35.4 26.5 39.7

Manual Integrations
APPROVED

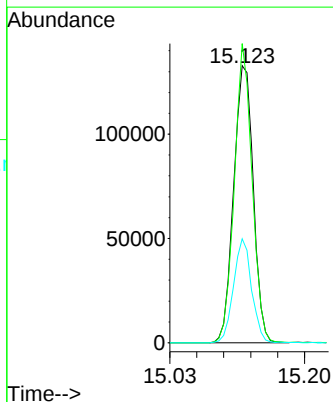
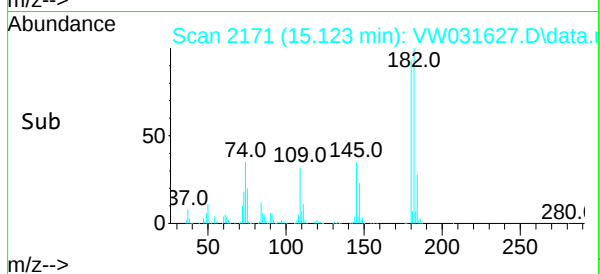
Reviewed By :Semsettin Yesilyurt 01/29/2025
Supervised By :Mahesh Dadoda 01/29/2025

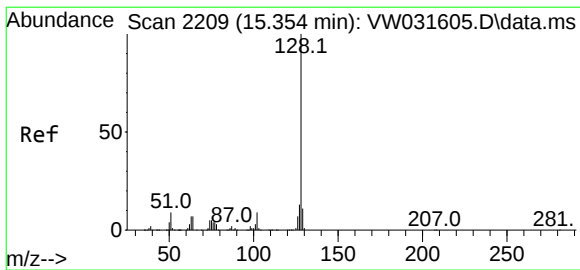


#70
1,2,4-trichlorobenzene
Concen: 17.224 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42



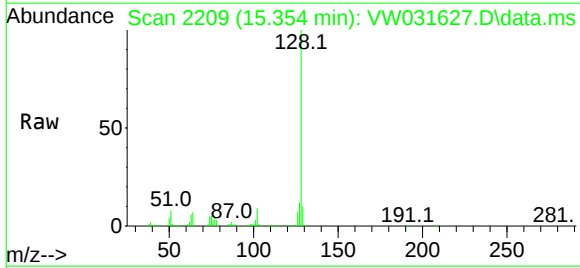
Tgt Ion:180 Resp: 236155
Ion Ratio Lower Upper
180 100
182 98.0 77.7 116.5
145 34.6 26.6 39.8





#71
Naphthalene
Concen: 30.745 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

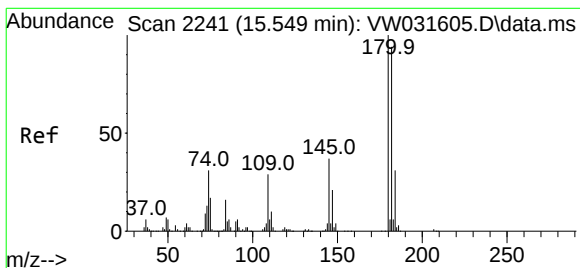
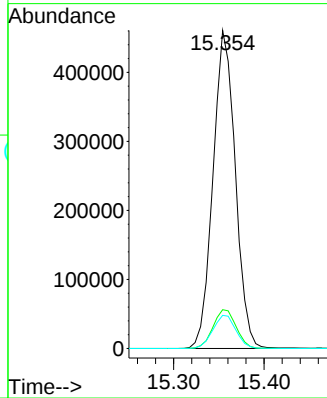
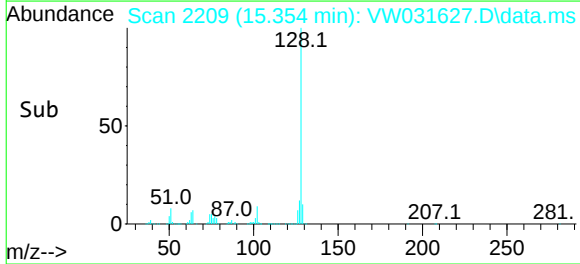
Instrument :
MSVOA_W
ClientSampleId :
A44R1MSD



Tgt Ion:	128	Resp:	790405
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	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: 19.906 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031627.D
Acq: 28 Jan 2025 18:42

Tgt Ion:	180	Resp:	229863
Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.9	115.3
145	35.3	30.1	45.1

