

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026752.D
 Acq On : 21 Aug 2025 11:53
 Operator : SY/MD
 Sample : VR0821WBS01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBS01

Quant Time: Aug 22 06:53:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 06:50:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/25/2025
 Supervised By : Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	7.388	168	1814676	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.389	114	3001271	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.563	117	2366269	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	713481	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.770	65	1119392	49.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.240%		
34) Dibromofluoromethane	7.295	113	955144	48.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.580%		
49) Toluene-d8	10.074	98	3535187	53.872	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.740%		
61) 4-Bromofluorobenzene	12.692	95	917019	49.251	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.820	85	343607	20.038	ug/l	99
3) Chloromethane	1.824	50	40980m	20.086	ug/l	
4) Vinyl Chloride	2.128	62	584245	20.706	ug/l	100
5) Bromomethane	2.465	94	314536	36.309	ug/l	100
6) Chloroethane	2.587	64	400641	24.883	ug/l	95
7) Trichlorofluoromethane	2.876	101	1173050	21.447	ug/l	99
8) Diethyl Ether	3.239	74	366310	20.936	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.550	101	451037m	20.636	ug/l	
10) Methyl Iodide	3.720	142	490815	21.129	ug/l	98
11) Tert butyl alcohol	4.497	59	249999m	71.359	ug/l	
12) 1,1-Dichloroethene	3.527	96	481257	20.291	ug/l	98
13) Acrolein	3.415	56	165331	68.277	ug/l	99
14) Allyl chloride	4.054	41	882715	20.195	ug/l	99
15) Acrylonitrile	4.657	53	1309265	87.380	ug/l	98
16) Acetone	3.601	43	1162190	96.345	ug/l	98
17) Carbon Disulfide	3.810	76	1234469	21.430	ug/l	97
18) Methyl Acetate	4.067	43	612911	17.442	ug/l	97
19) Methyl tert-butyl Ether	4.715	73	1488379	19.785	ug/l	100
20) Methylene Chloride	4.259	84	529291	20.571	ug/l	98
21) trans-1,2-Dichloroethene	4.702	96	514768	20.758	ug/l	97
22) Diisopropyl ether	5.610	45	1920642	21.358	ug/l	95
23) Vinyl Acetate	5.543	43	7106363	119.153	ug/l #	75
24) 1,1-Dichloroethane	5.485	63	900855	20.358	ug/l	99
25) 2-Butanone	6.499	43	1677209	89.550	ug/l	92
26) 2,2-Dichloropropane	6.476	77	634960	20.945	ug/l	99
27) cis-1,2-Dichloroethene	6.473	96	570428	20.323	ug/l	98
28) Bromochloromethane	6.862	49	253144	19.329	ug/l #	18
29) Chloroform	7.061	83	820304	20.632	ug/l	97
30) Cyclohexane	7.369	56	983475	21.075	ug/l	96
31) 1,1,1-Trichloroethane	7.279	97	684648	21.207	ug/l	98
35) 1,1-Dichloropropene	7.519	75	612227	20.084	ug/l	100
36) Ethyl Acetate	6.598	43	636471	16.321	ug/l	99
37) Carbon Tetrachloride	7.500	117	529260	19.294	ug/l	95
38) Methylcyclohexane	8.941	83	791097	20.739	ug/l	98
39) Benzene	7.786	78	2077154	22.196	ug/l #	87
40) Methacrylonitrile	6.839	41	352695	17.340	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.876	62	509167	19.623	ug/l	100
42) Isopropyl Acetate	7.940	43	1024630	18.533	ug/l	97
43) Trichloroethene	8.665	130	404835	19.828	ug/l	94
44) 1,2-Dichloropropane	8.973	63	442722	19.761	ug/l	100
45) Dibromomethane	9.072	93	267712	18.810	ug/l	98
46) Bromodichloromethane	9.294	83	538555	20.329	ug/l	99
47) Methyl methacrylate	9.079	41	475919	17.636	ug/l	99
48) 1,4-Dioxane	9.079	88	105050	303.034	ug/l	94
50) 4-Methyl-2-Pentanone	9.958	43	2839071	103.868	ug/l #	74
51) Toluene	10.144	92	1131688	21.177	ug/l	83
52) t-1,3-Dichloropropene	10.401	75	506937	20.204	ug/l	97
53) cis-1,3-Dichloropropene	9.785	75	612391	20.118	ug/l	98
54) 1,1,2-Trichloroethane	10.600	97	372189	19.622	ug/l	99
55) Ethyl methacrylate	10.462	69	622270	19.073	ug/l	99
56) 1,3-Dichloropropane	10.764	76	635815	19.887	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.628	63	71862	41.105	ug/l	99
58) 2-Hexanone	10.825	43	1734266	92.828	ug/l	84
59) Dibromochloromethane	10.988	129	349225	19.574	ug/l	100
60) 1,2-Dibromoethane	11.101	107	321516	18.755	ug/l	98
63) Tetrachloroethene	10.683	164	341362	20.532	ug/l	93
64) Chlorobenzene	11.591	112	1132539	21.508	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.678	131	342150	19.353	ug/l	99
66) Ethyl Benzene	11.685	91	2060554	23.405	ug/l #	77
67) m/p-Xylenes	11.810	106	1581855	42.938	ug/l #	70
68) o-Xylene	12.179	106	750556	20.106	ug/l	89
69) Styrene	12.195	104	1151163	20.956	ug/l	91
70) Bromoform	12.378	173	183432	19.241	ug/l #	100
72) Isopropylbenzene	12.522	105	1846001	23.836	ug/l	90
73) N-amyl acetate	12.320	43	483047	17.276	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.804	83	423763	19.114	ug/l	100
75) 1,2,3-Trichloropropane	12.865	75	334712m	19.031	ug/l	
76) Bromobenzene	12.833	156	335471	19.789	ug/l	91
77) n-propylbenzene	12.910	91	2001342	24.104	ug/l	90
78) 2-Chlorotoluene	13.003	91	1058913	21.595	ug/l	99
79) 1,3,5-Trimethylbenzene	13.071	105	1292902	22.355	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.577	75	100673	17.465	ug/l	88
81) 4-Chlorotoluene	13.116	91	957741	21.317	ug/l	100
82) tert-Butylbenzene	13.366	119	1201582	22.223	ug/l	92
83) 1,2,4-Trimethylbenzene	13.417	105	1132761	21.480	ug/l	99
84) sec-Butylbenzene	13.568	105	1591599	22.885	ug/l	95
85) p-Isopropyltoluene	13.700	119	1186887	21.963	ug/l	95
86) 1,3-Dichlorobenzene	13.693	146	508487	20.197	ug/l	97
87) 1,4-Dichlorobenzene	13.783	146	497496	20.511	ug/l	99
88) n-Butylbenzene	14.066	91	828321	21.452	ug/l	98
89) Hexachloroethane	14.367	117	183123	20.891	ug/l	97
90) 1,2-Dichlorobenzene	14.114	146	443458	20.974	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.804	75	38931	17.710	ug/l	95
92) 1,2,4-Trichlorobenzene	15.574	180	293004	21.093	ug/l	98
93) Hexachlorobutadiene	15.702	225	103156	22.530	ug/l	98
94) Naphthalene	15.859	128	676601	17.034	ug/l	100
95) 1,2,3-Trichlorobenzene	16.081	180	269408	19.987	ug/l	100

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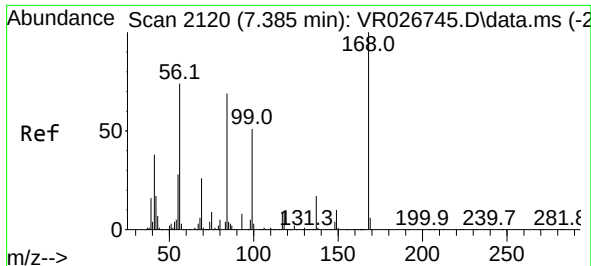
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations APPROVED

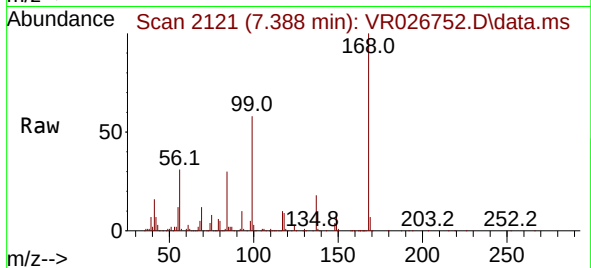
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.388 min Scan# 2120
Delta R.T. 0.003 min
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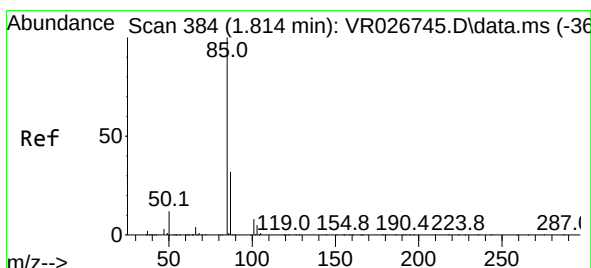
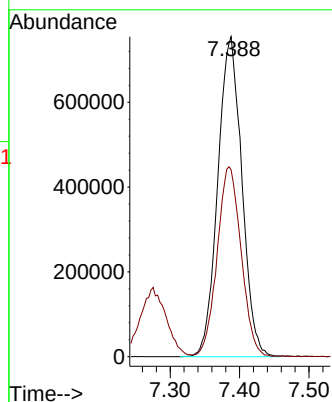
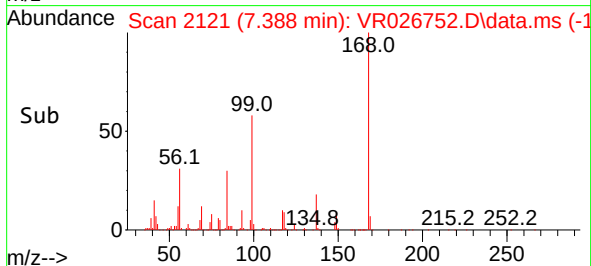
Instrument :
MSVOA_R
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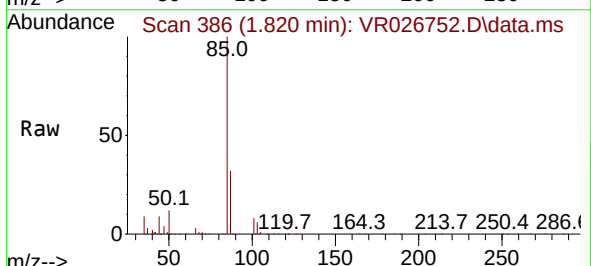
Tgt Ion:168 Resp: 1814670
Ion Ratio Lower Upper
168 100
99 58.3 47.1 70.7

Manual Integrations
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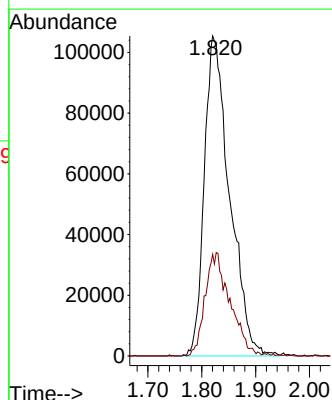
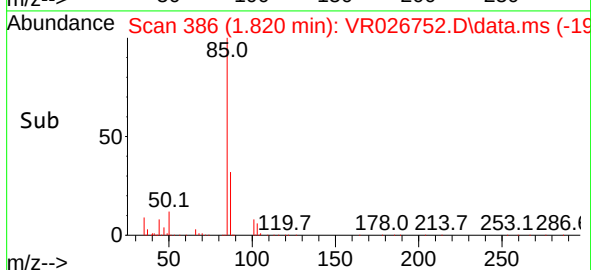
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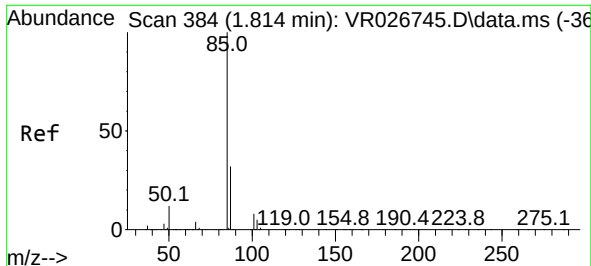


#2
Dichlorodifluoromethane
Concen: 20.038 ug/l
RT: 1.820 min Scan# 386
Delta R.T. 0.006 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



Tgt Ion: 85 Resp: 343607
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2





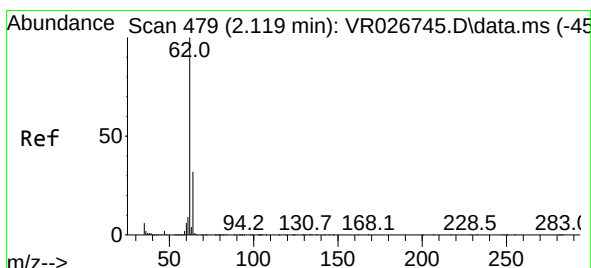
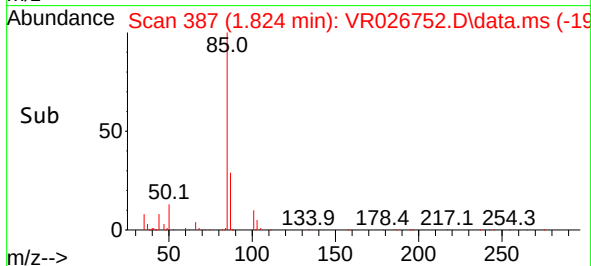
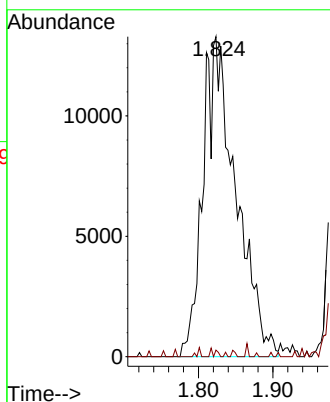
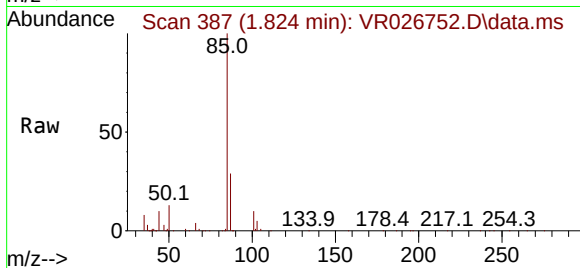
#3
Chloromethane
Concen: 20.086 ug/l m
RT: 1.824 min Scan# 384
Delta R.T. 0.010 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Instrument :
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Tgt Ion: 50 Resp: 40980
Ion Ratio Lower Upper
50 100
52 2.0 0.6 1.0

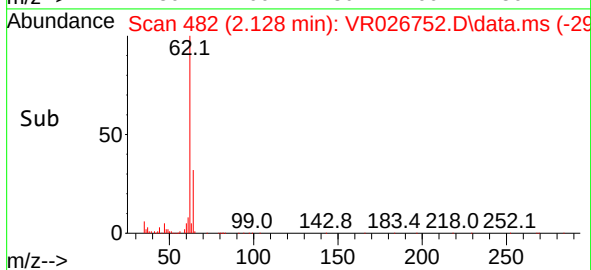
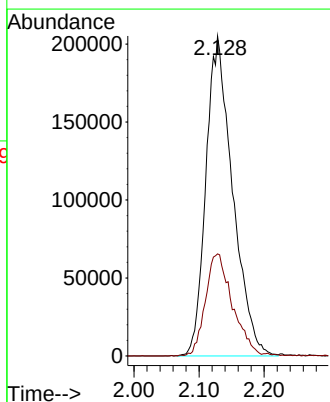
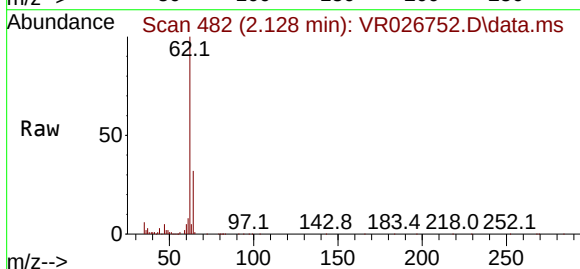
Manual Integrations
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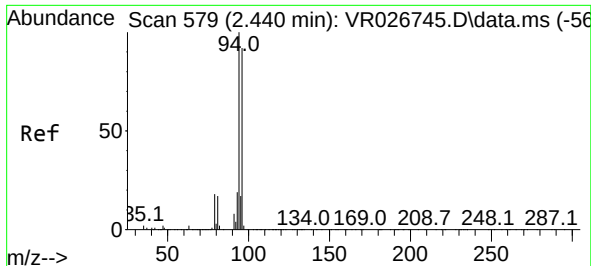
Reviewed By :Semsettin Yesilyurt 08/25/2025
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#4
Vinyl Chloride
Concen: 20.706 ug/l
RT: 2.128 min Scan# 482
Delta R.T. 0.009 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

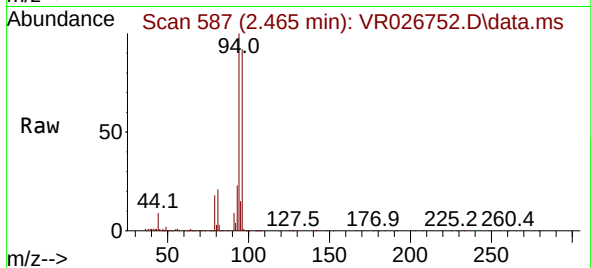
Tgt Ion: 62 Resp: 584245
Ion Ratio Lower Upper
62 100
64 31.8 25.5 38.3





#5
Bromomethane
Concen: 36.309 ug/l
RT: 2.465 min Scan# 51
Delta R.T. 0.025 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

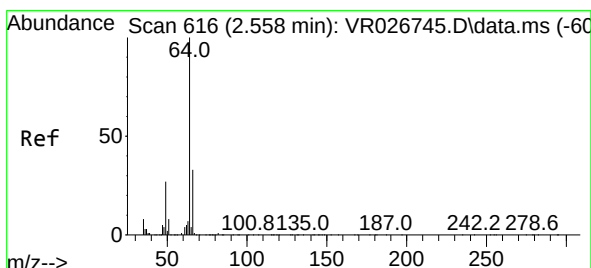
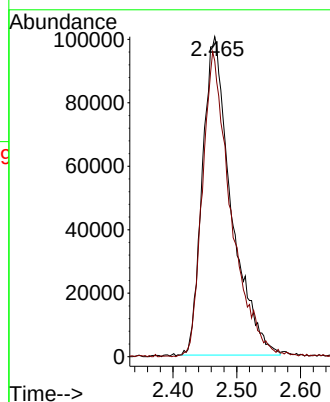
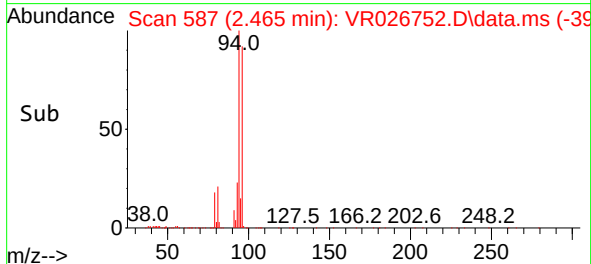
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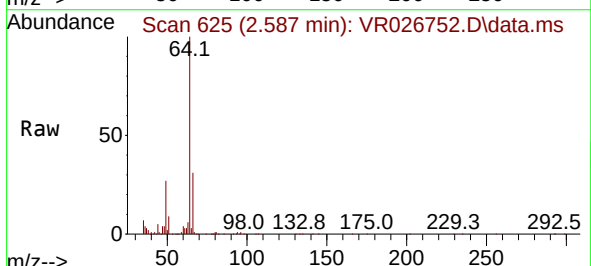
Tgt Ion: 94 Resp: 314530
Ion Ratio Lower Upper
94 100
96 92.4 73.8 110.6

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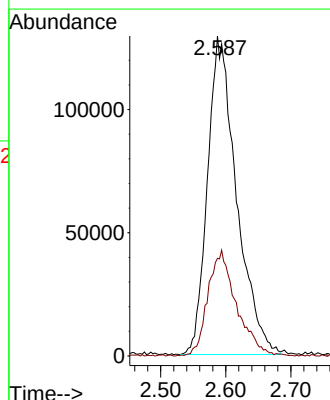
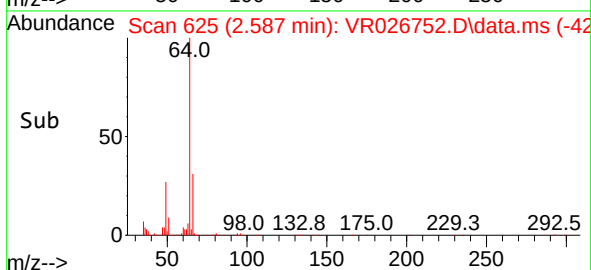
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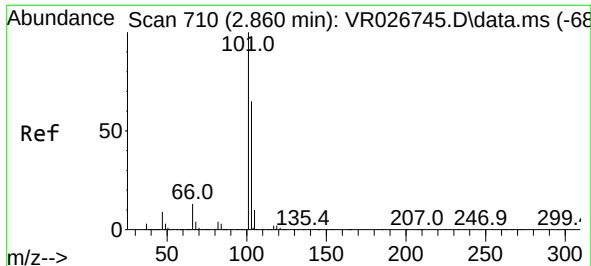


#6
Chloroethane
Concen: 24.883 ug/l
RT: 2.587 min Scan# 625
Delta R.T. 0.029 min
Lab File: VR026752.D
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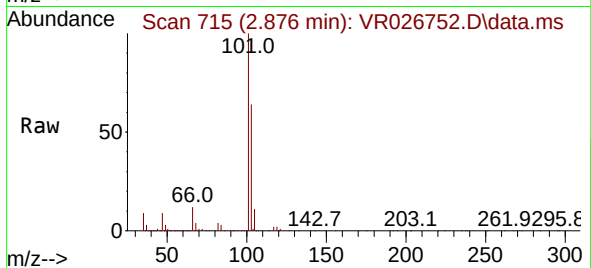
Tgt Ion: 64 Resp: 400641
Ion Ratio Lower Upper
64 100
66 30.5 26.6 40.0





#7
Trichlorofluoromethane
Concen: 21.447 ug/l
RT: 2.876 min Scan# 710
Delta R.T. 0.016 min
Lab File: VR026752.D
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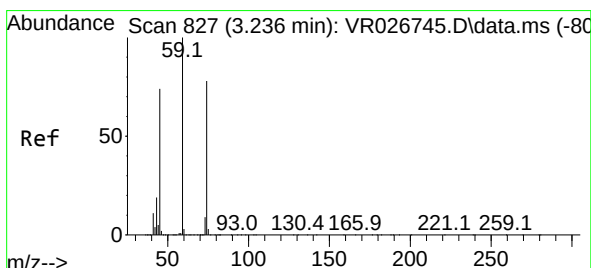
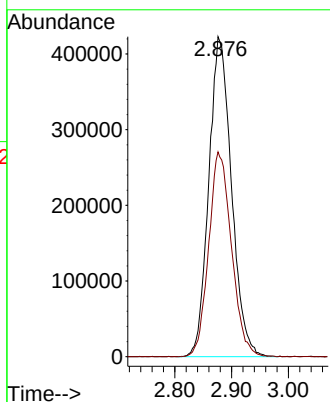
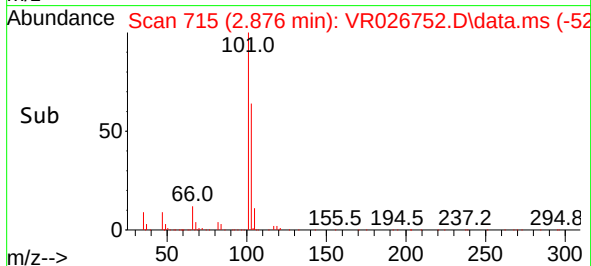
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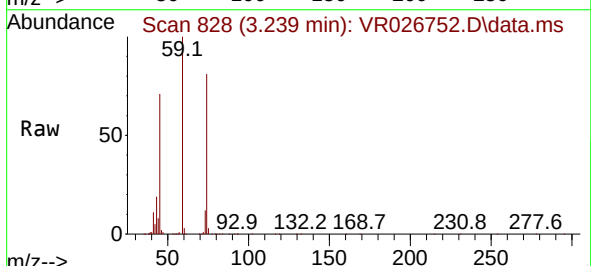
Tgt Ion:101 Resp: 1173050
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.8

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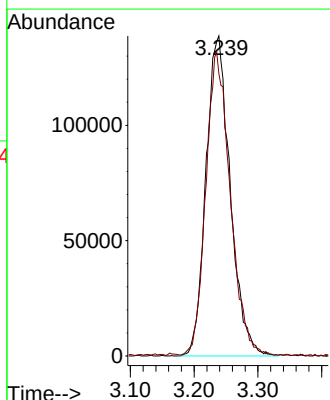
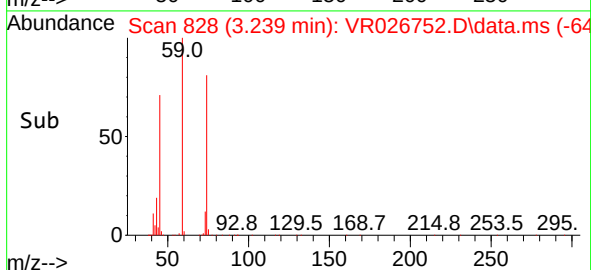
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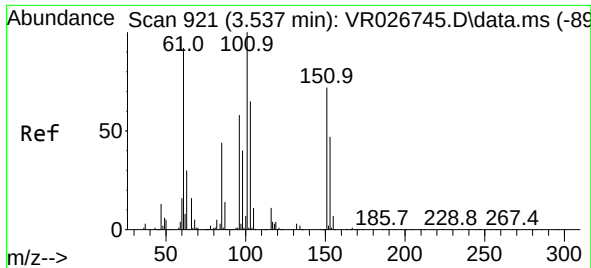


#8
Diethyl Ether
Concen: 20.936 ug/l
RT: 3.239 min Scan# 828
Delta R.T. 0.003 min
Lab File: VR026752.D
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Tgt Ion: 74 Resp: 366310
Ion Ratio Lower Upper
74 100
45 95.2 47.5 142.6





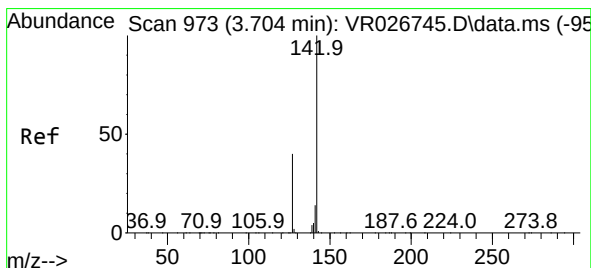
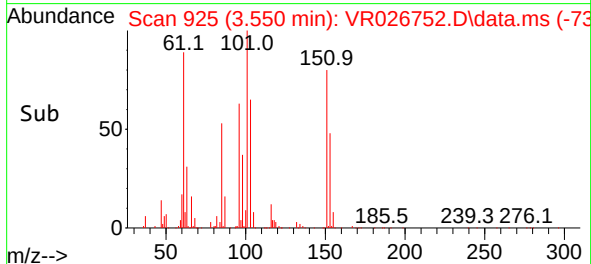
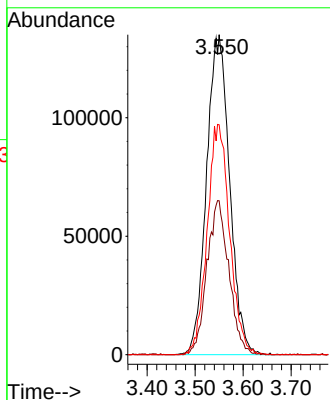
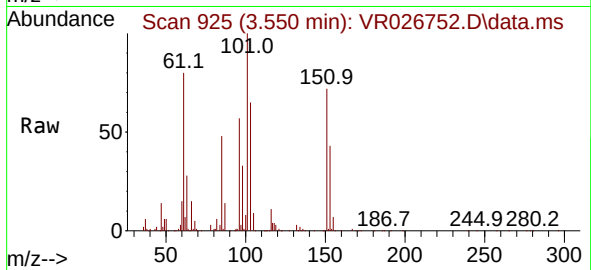
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.636 ug/l m
RT: 3.550 min Scan# 91
Delta R.T. 0.013 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01

Tgt Ion:101 Resp: 45103
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.0
151 69.9 57.2 85.8

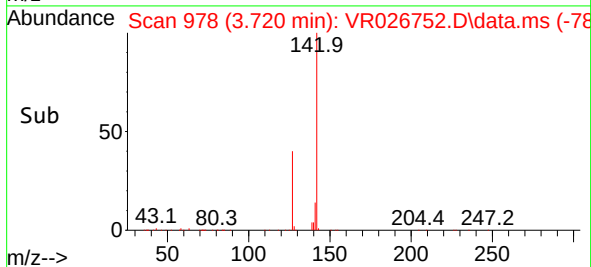
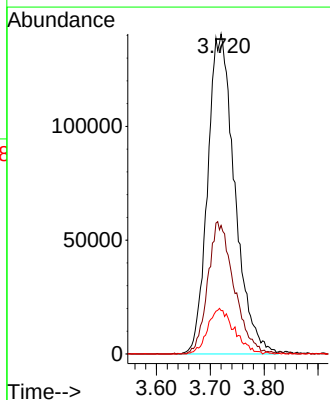
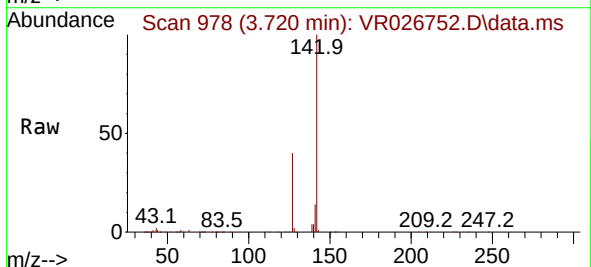
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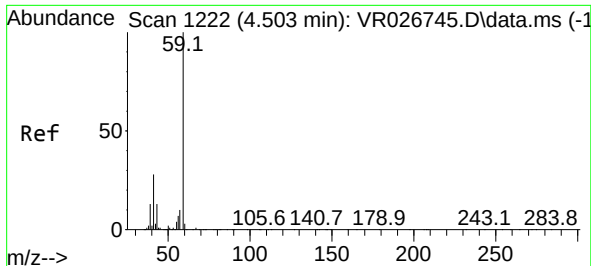
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 21.129 ug/l
RT: 3.720 min Scan# 978
Delta R.T. 0.016 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Tgt Ion:142 Resp: 490815
Ion Ratio Lower Upper
142 100
127 40.1 31.0 46.4
141 14.0 10.9 16.3





#11

Tert butyl alcohol

Concen: 71.359 ug/l m

RT: 4.497 min Scan# 11

Delta R.T. -0.006 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

Tgt Ion: 59 Resp: 249999

Ion Ratio Lower Upper

59 100

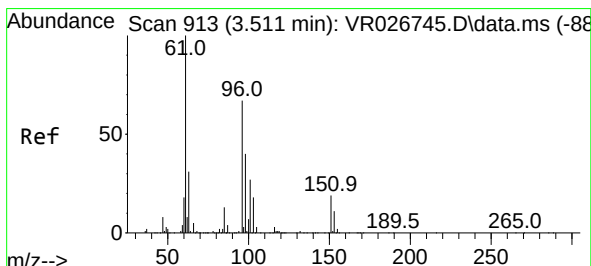
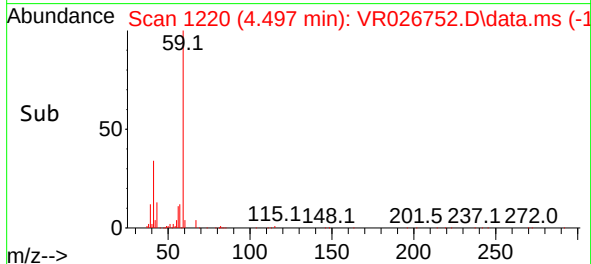
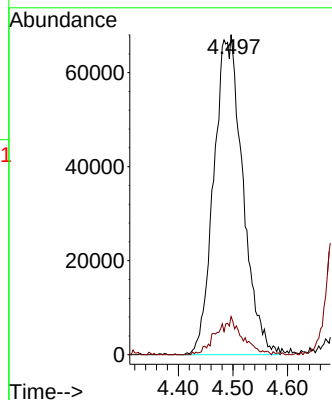
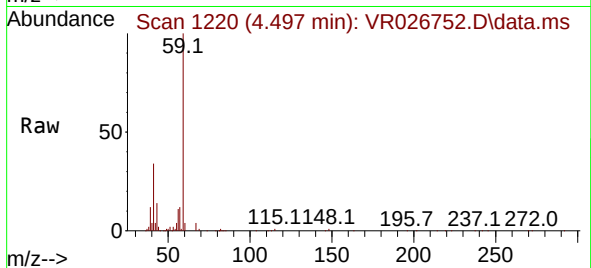
57 0.0 3.8 5.8

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Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#12

1,1-Dichloroethene

Concen: 20.291 ug/l

RT: 3.527 min Scan# 918

Delta R.T. 0.016 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

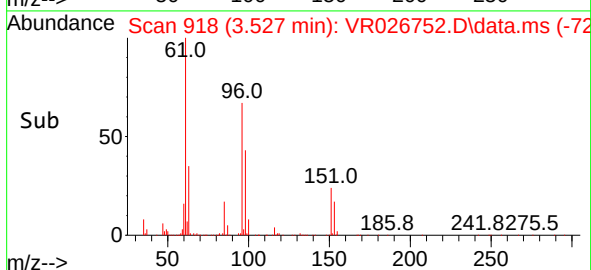
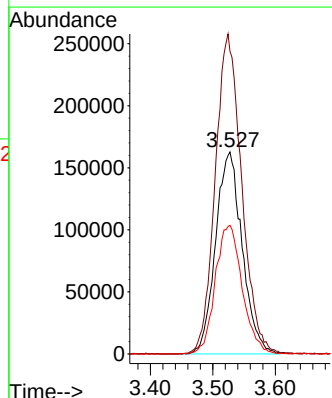
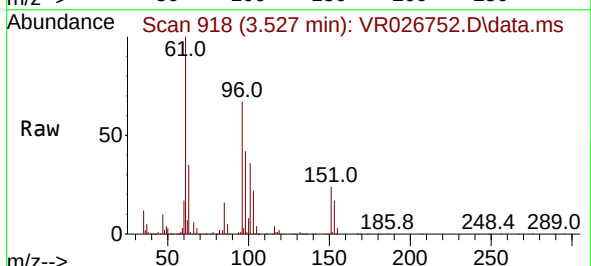
Tgt Ion: 96 Resp: 481257

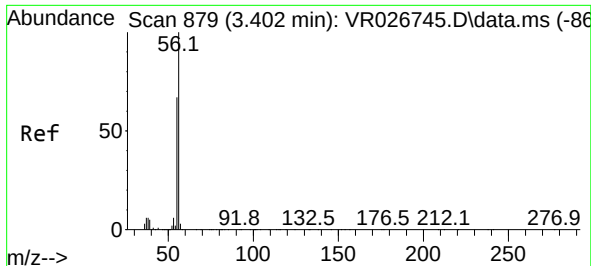
Ion Ratio Lower Upper

96 100

61 149.6 118.7 178.1

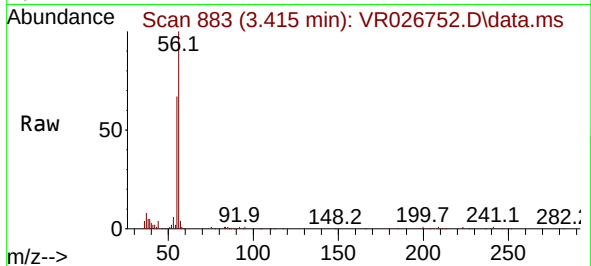
98 63.5 47.7 71.5





#13
Acrolein
Concen: 68.277 ug/l
RT: 3.415 min Scan# 81
Delta R.T. 0.013 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

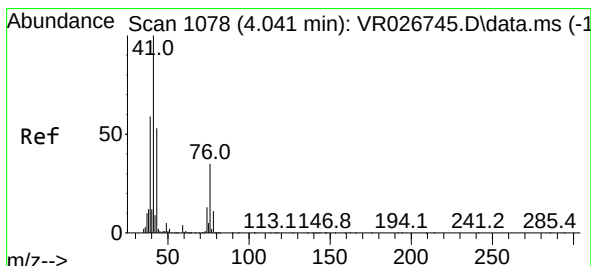
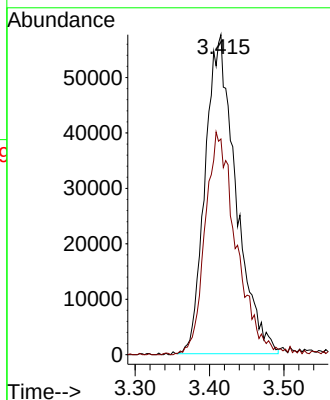
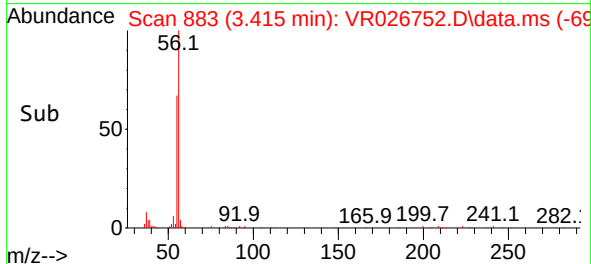
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



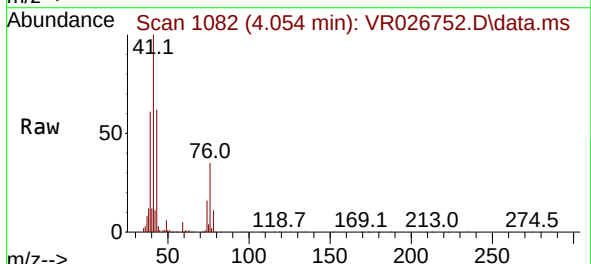
Tgt Ion: 56 Resp: 16533
Ion Ratio Lower Upper
56 100
55 70.6 56.9 85.3

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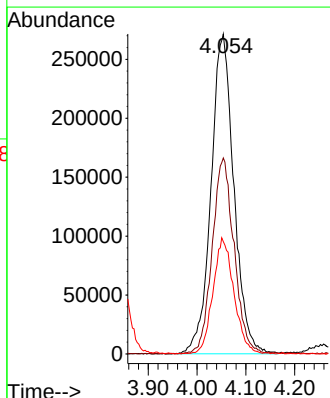
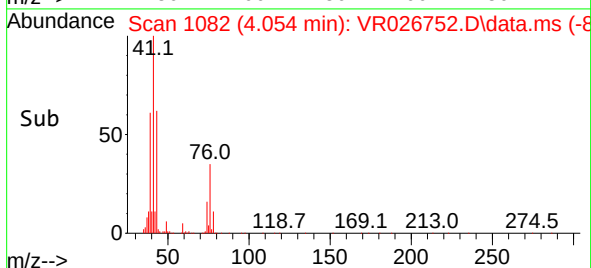
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

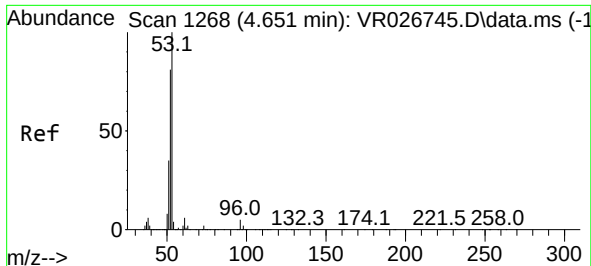


#14
Allyl chloride
Concen: 20.195 ug/l
RT: 4.054 min Scan# 1082
Delta R.T. 0.013 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



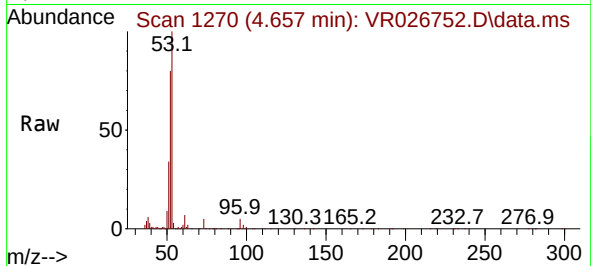
Tgt Ion: 41 Resp: 882715
Ion Ratio Lower Upper
41 100
39 58.7 45.8 68.6
76 33.3 26.4 39.6





#15
Acrylonitrile
Concen: 87.380 ug/l
RT: 4.657 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

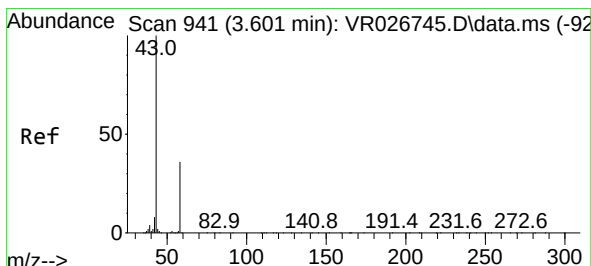
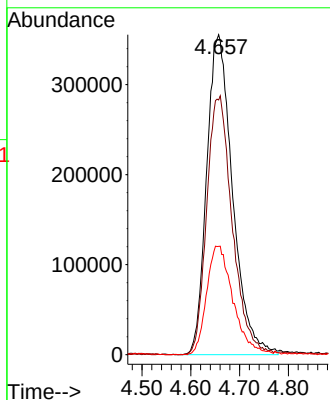
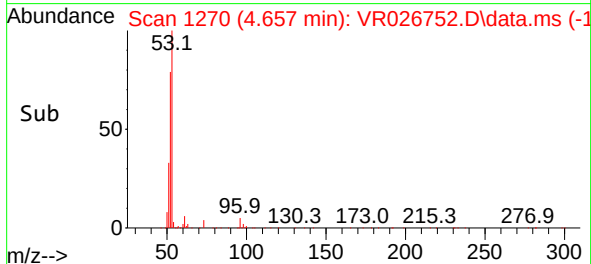
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



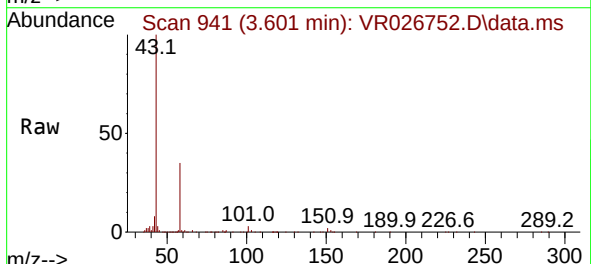
Tgt Ion: 53 Resp: 130926
Ion Ratio Lower Upper
53 100
52 79.9 65.7 98.5
51 34.7 28.4 42.6

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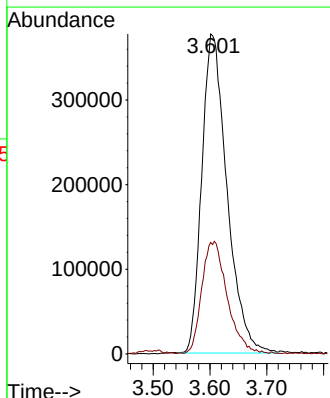
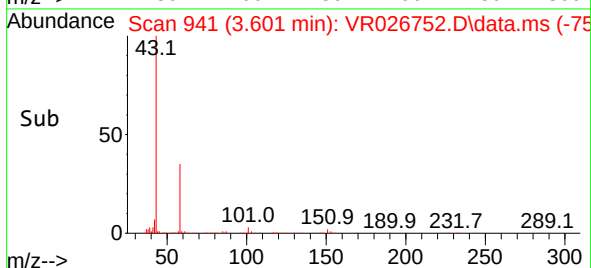
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

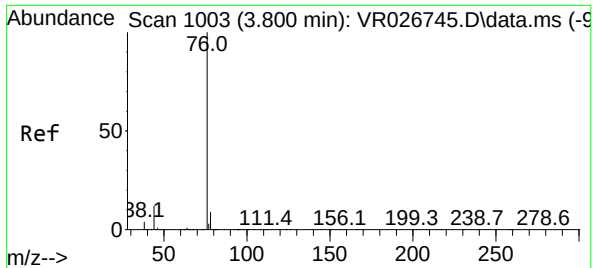


#16
Acetone
Concen: 96.345 ug/l
RT: 3.601 min Scan# 941
Delta R.T. 0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



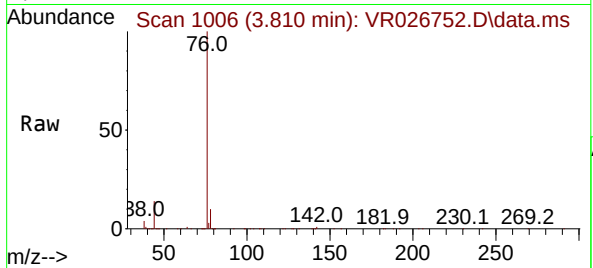
Tgt Ion: 43 Resp: 1162190
Ion Ratio Lower Upper
43 100
58 34.7 28.6 43.0





#17
Carbon Disulfide
Concen: 21.430 ug/l
RT: 3.810 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

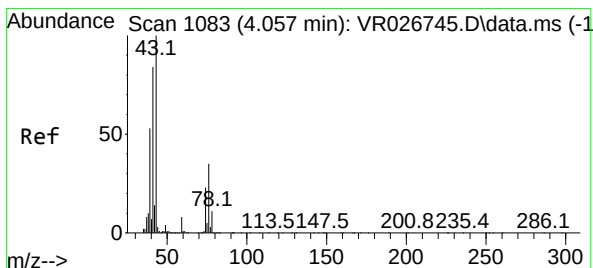
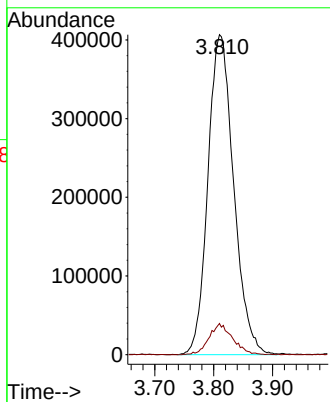
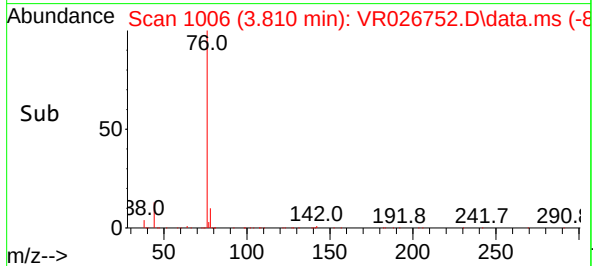
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



Tgt Ion: 76 Resp: 1234469
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

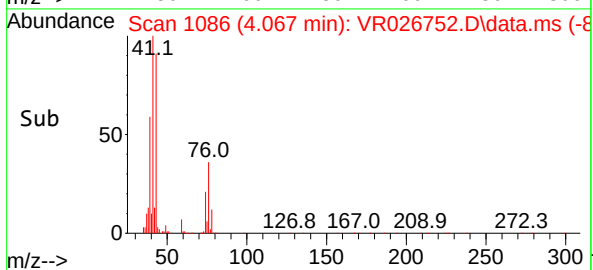
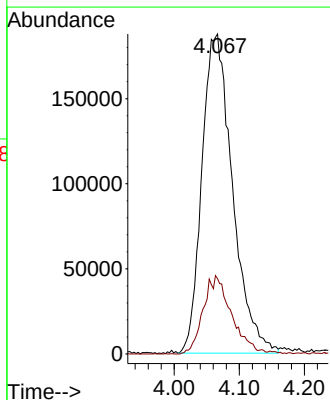
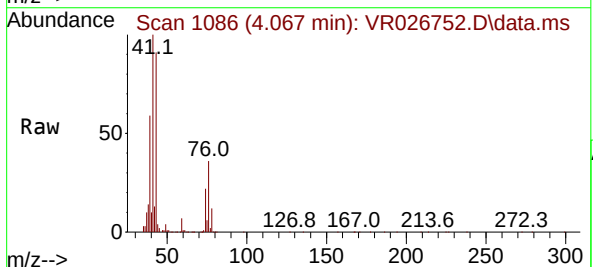
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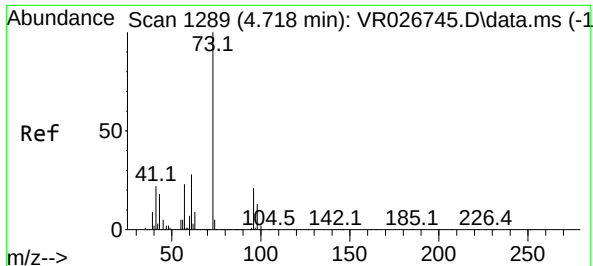
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 17.442 ug/l
RT: 4.067 min Scan# 1086
Delta R.T. 0.010 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Tgt Ion: 43 Resp: 612911
Ion Ratio Lower Upper
43 100
74 22.7 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.785 ug/l

RT: 4.715 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

Tgt Ion: 73 Resp: 1488379

Ion Ratio Lower Upper

73 100

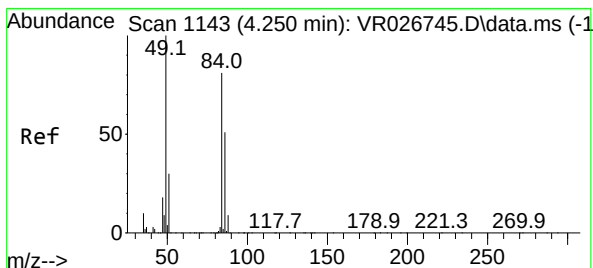
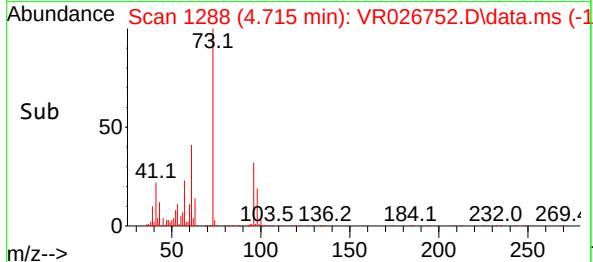
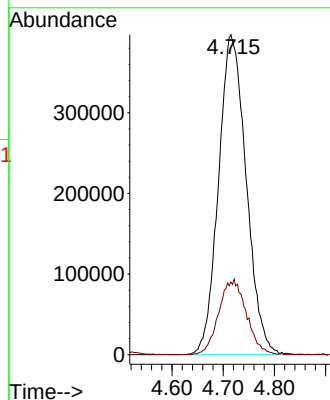
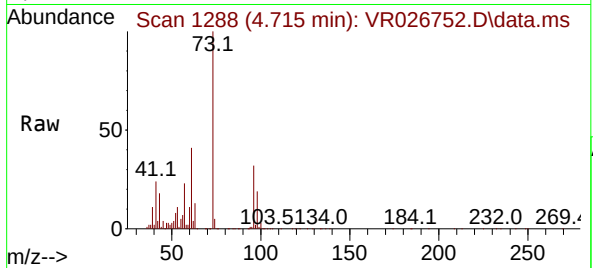
57 22.6 18.2 27.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#20

Methylene Chloride

Concen: 20.571 ug/l

RT: 4.259 min Scan# 1146

Delta R.T. 0.010 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Tgt Ion: 84 Resp: 529291

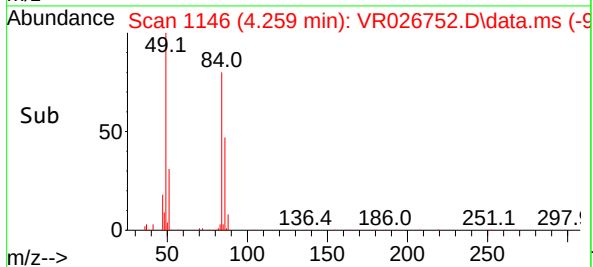
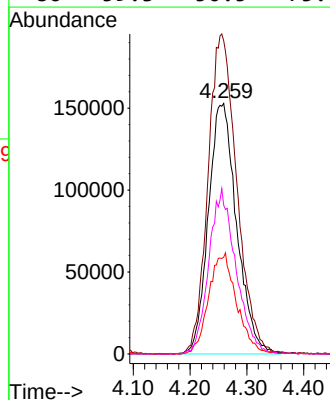
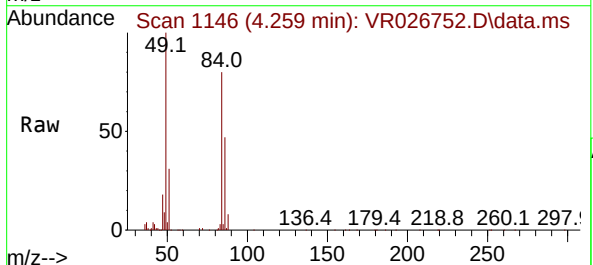
Ion Ratio Lower Upper

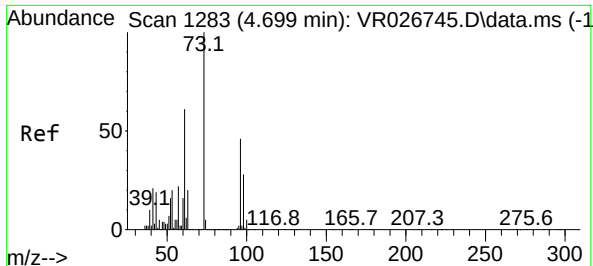
84 100

49 124.6 98.8 148.2

51 38.7 29.4 44.2

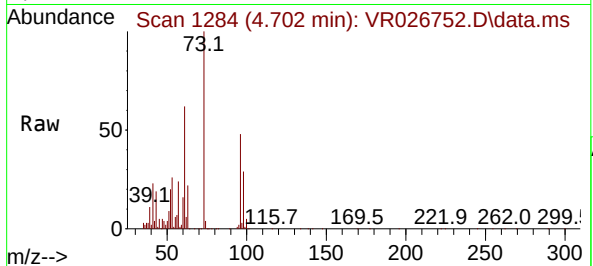
86 59.3 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 20.758 ug/l
RT: 4.702 min Scan# 11
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

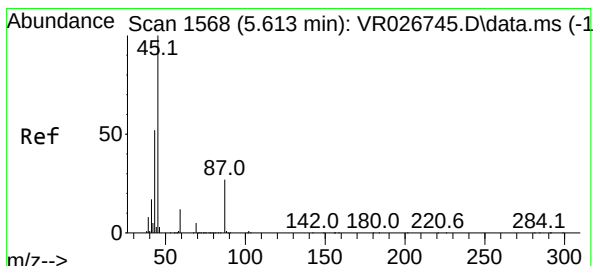
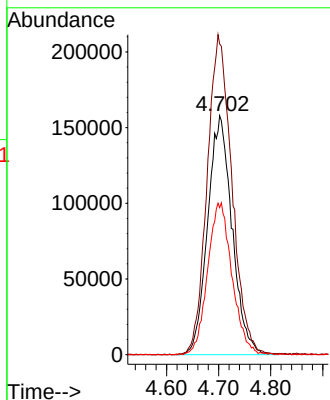
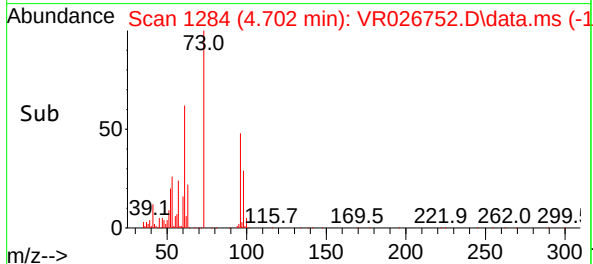
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



Tgt Ion: 96 Resp: 514768
Ion Ratio Lower Upper
96 100
61 129.9 107.1 160.7
98 61.5 49.7 74.5

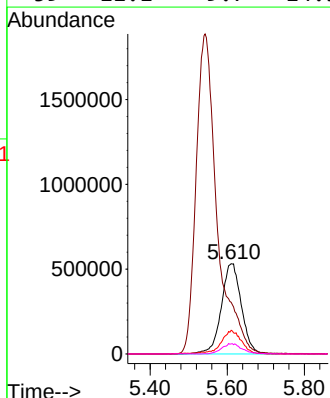
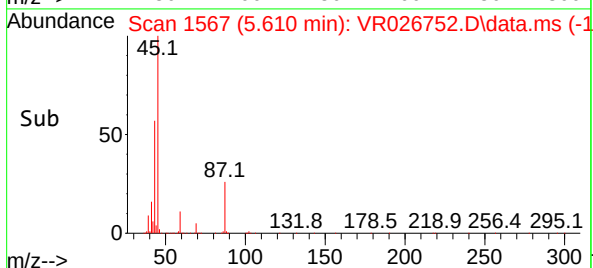
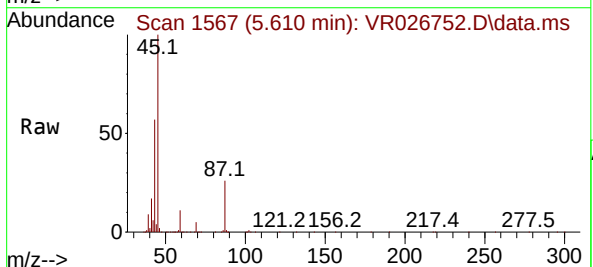
Manual Integrations
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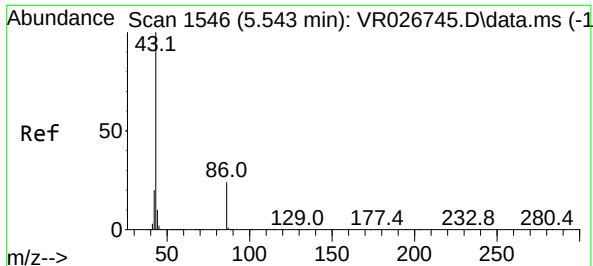
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 21.358 ug/l
RT: 5.610 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

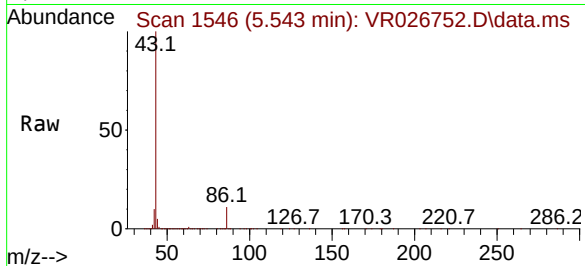
Tgt Ion: 45 Resp: 1920642
Ion Ratio Lower Upper
45 100
43 57.1 41.8 62.8
87 26.2 21.7 32.5
59 11.1 9.7 14.5





#23
 Vinyl Acetate
 Concen: 119.153 ug/l
 RT: 5.543 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53

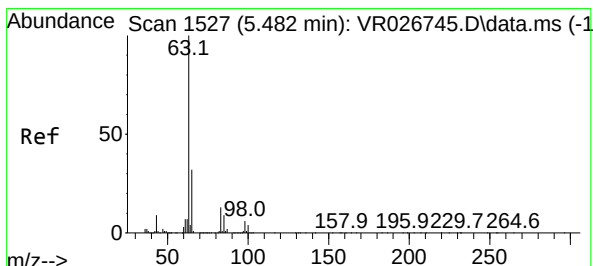
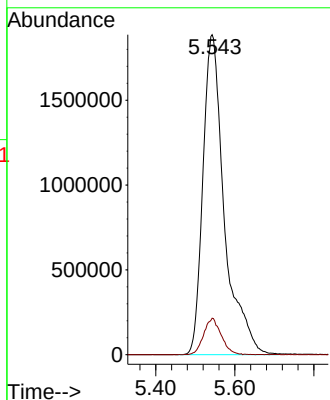
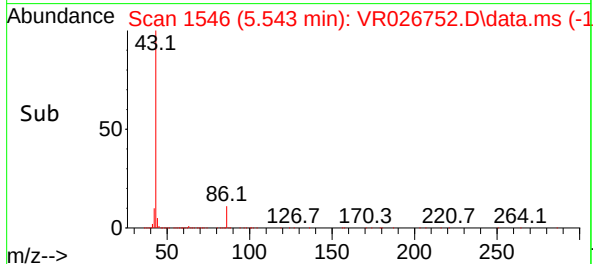
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBS01



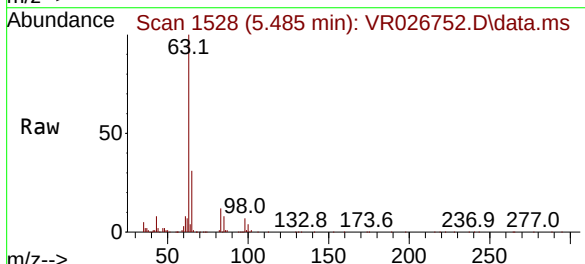
Tgt Ion: 43 Resp: 710636
 Ion Ratio Lower Upper
 43 100
 86 11.4 18.9 28.3

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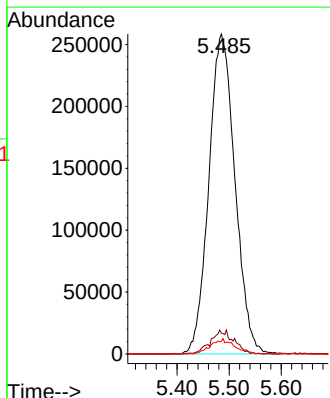
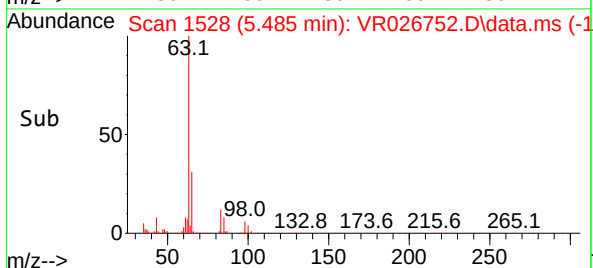
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

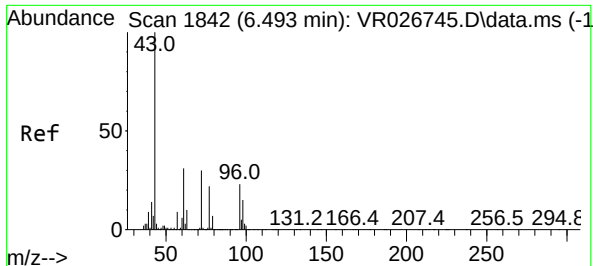


#24
 1,1-Dichloroethane
 Concen: 20.358 ug/l
 RT: 5.485 min Scan# 1528
 Delta R.T. 0.003 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53



Tgt Ion: 63 Resp: 900855
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 89.550 ug/l

RT: 6.499 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

Tgt Ion: 43 Resp: 1677209

Ion Ratio Lower Upper

43 100

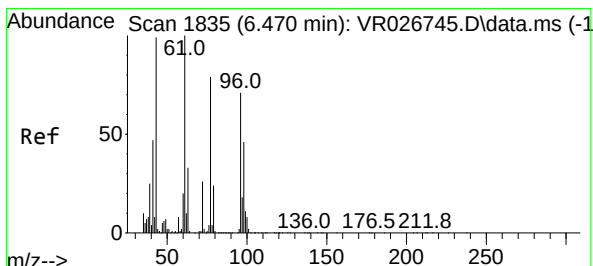
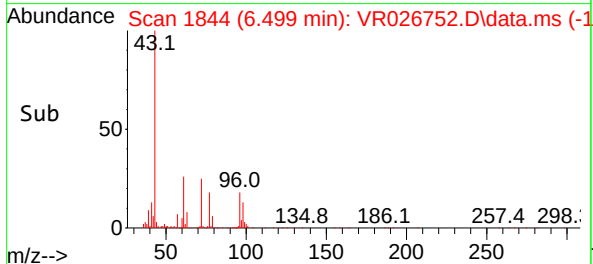
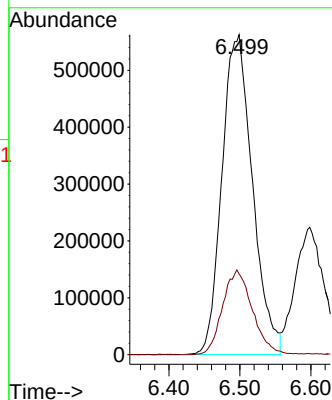
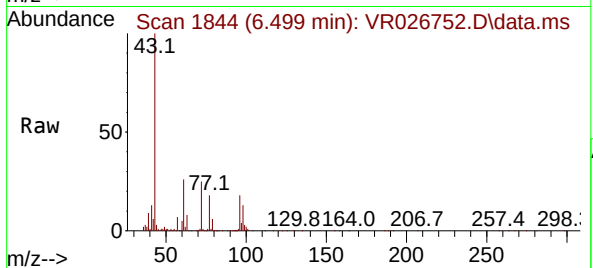
72 25.2 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#26

2,2-Dichloropropane

Concen: 20.945 ug/l

RT: 6.476 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VR026752.D

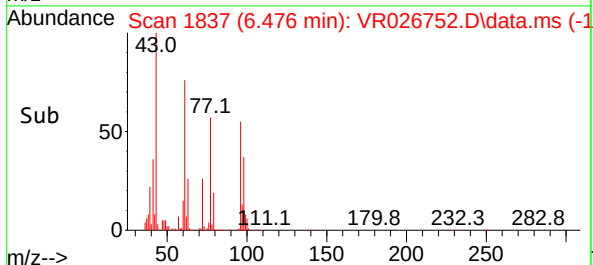
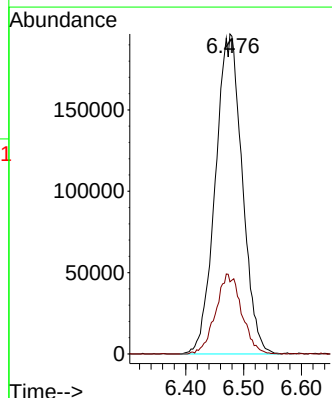
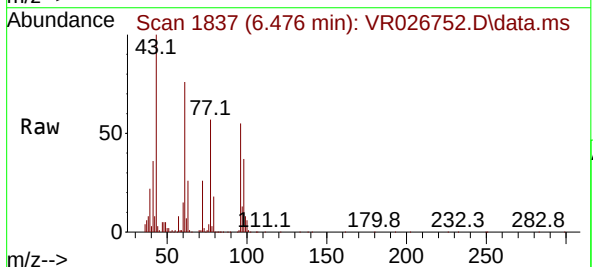
Acq: 21 Aug 2025 11:53

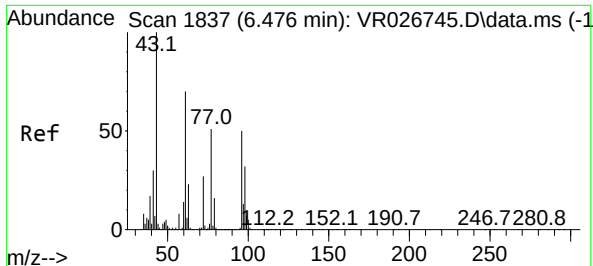
Tgt Ion: 77 Resp: 634960

Ion Ratio Lower Upper

77 100

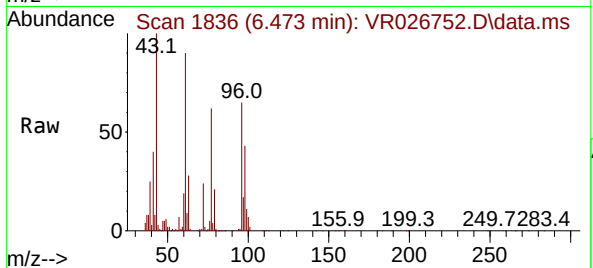
97 24.1 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.323 ug/l
 RT: 6.473 min Scan# 1836
 Delta R.T. -0.003 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53

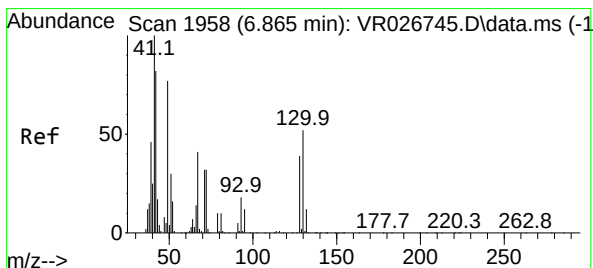
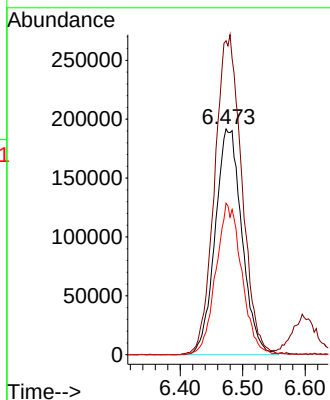
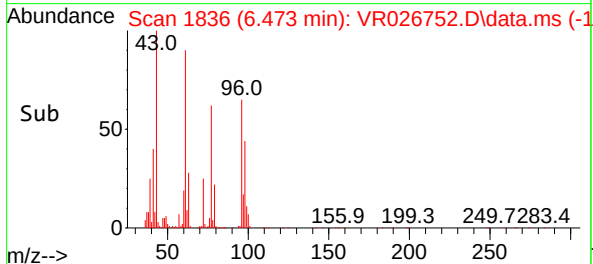
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBS01



Tgt Ion: 96 Resp: 570428
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 280.6
 98 64.7 0.0 127.6

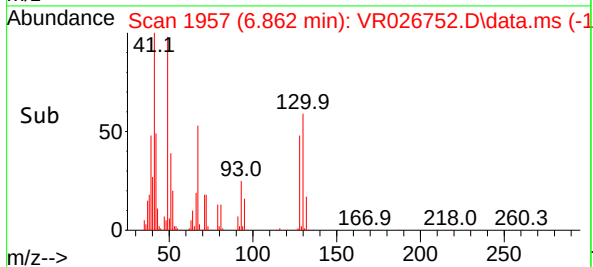
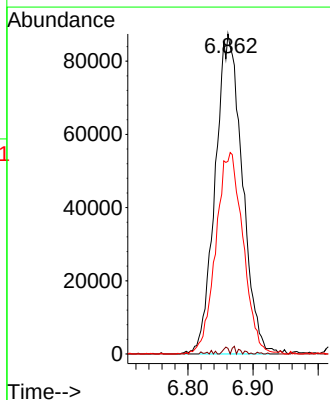
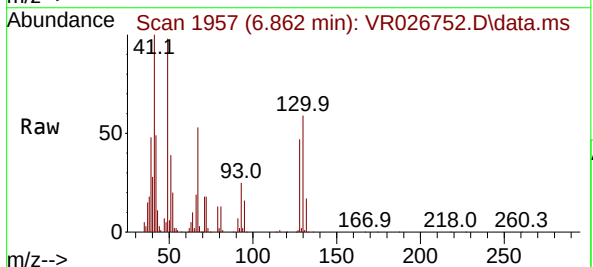
Manual Integrations
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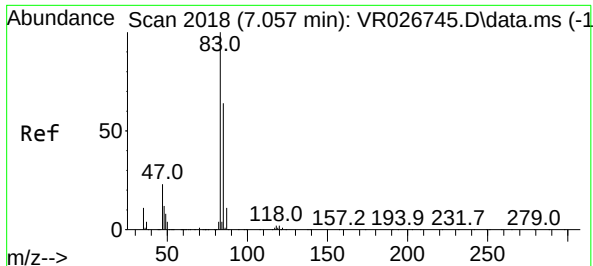
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#28
 Bromochloromethane
 Concen: 19.329 ug/l
 RT: 6.862 min Scan# 1957
 Delta R.T. -0.003 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53

Tgt Ion: 49 Resp: 253144
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 1.6
 130 0.0 53.4 80.2#





#29

Chloroform

Concen: 20.632 ug/l

RT: 7.061 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

Tgt Ion: 83 Resp: 820304

Ion Ratio Lower Upper

83 100

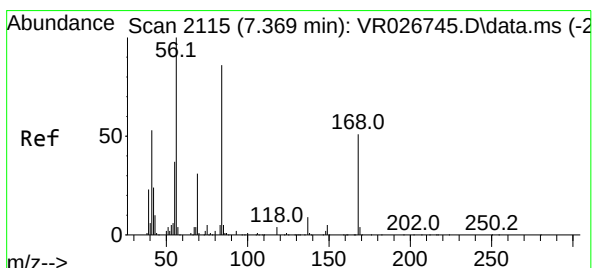
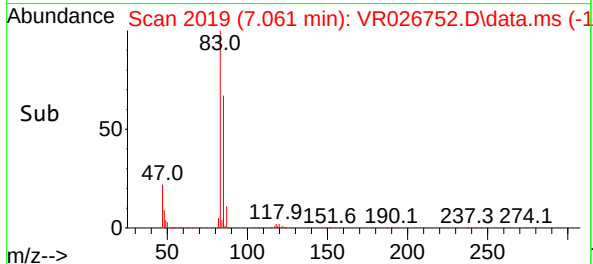
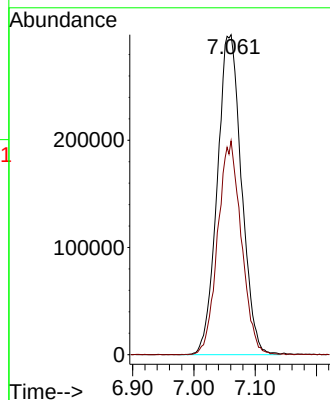
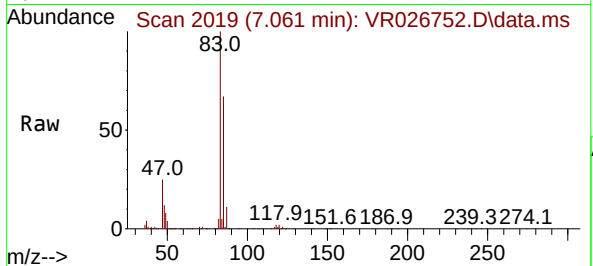
85 66.8 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Cyclohexane

Concen: 21.075 ug/l

RT: 7.369 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

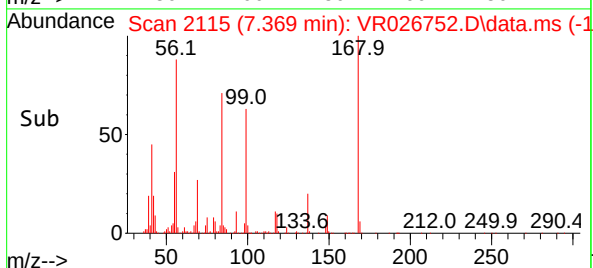
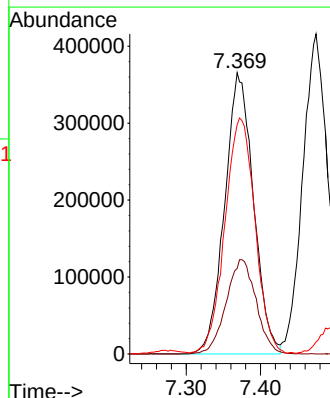
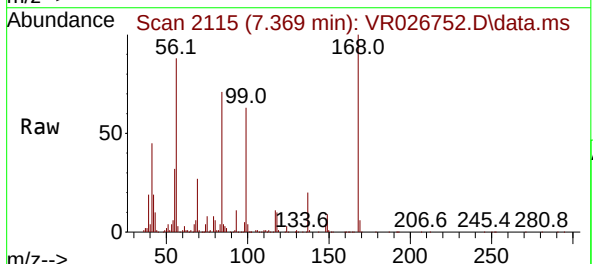
Tgt Ion: 56 Resp: 983475

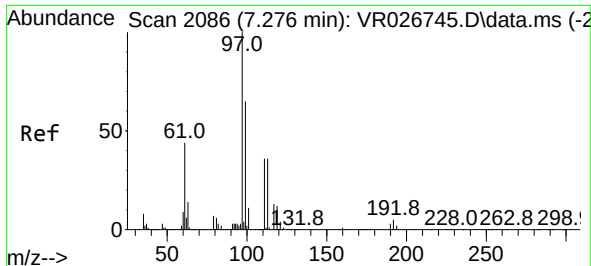
Ion Ratio Lower Upper

56 100

69 30.5 24.6 37.0

84 80.8 68.7 103.1





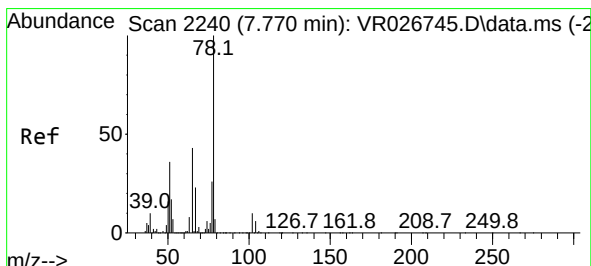
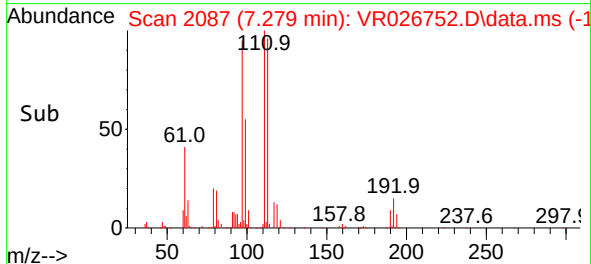
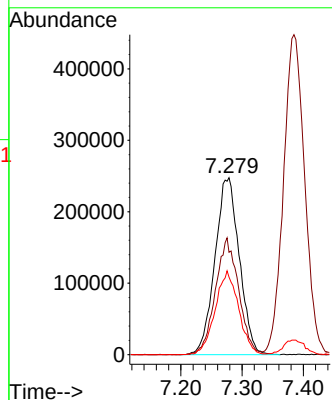
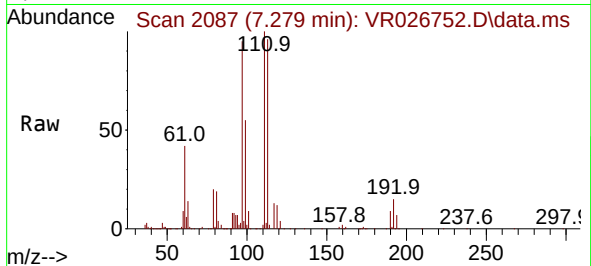
#31
1,1,1-Trichloroethane
Concen: 21.207 ug/l
RT: 7.279 min Scan# 2086
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01

Tgt Ion: 97 Resp: 68464
Ion Ratio Lower Upper
97 100
99 62.8 51.0 76.4
61 45.5 35.0 52.4

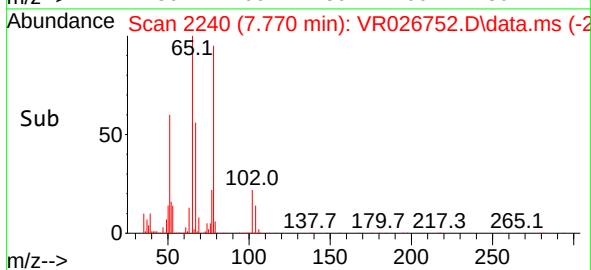
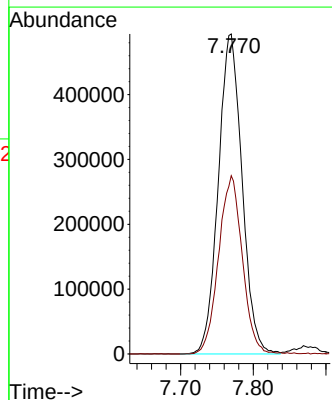
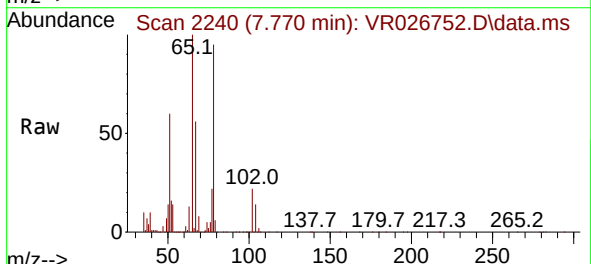
Manual Integrations
APPROVED

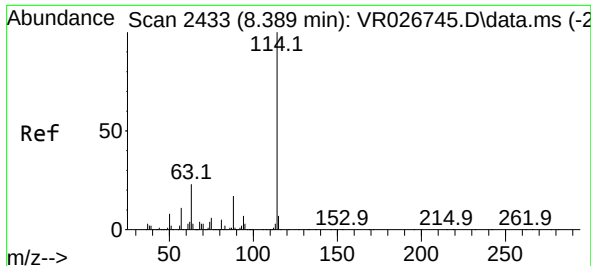
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#32
1,2-Dichloroethane-d4
Concen: 49.120 ug/l
RT: 7.770 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Tgt Ion: 65 Resp: 1119392
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.389 min Scan# 2433

Delta R.T. -0.000 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

Tgt Ion:114 Resp: 300127

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.8

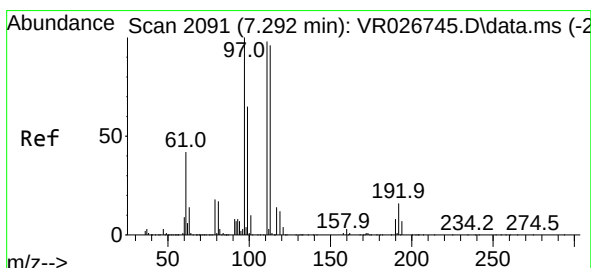
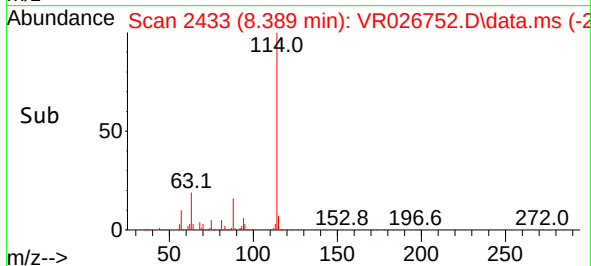
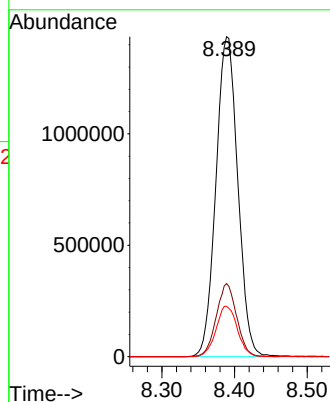
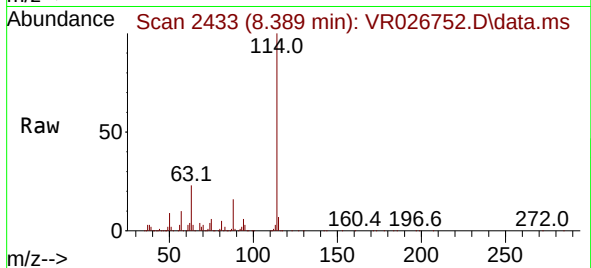
88 15.8 0.0 34.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

Dibromofluoromethane

Concen: 48.795 ug/l

RT: 7.295 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

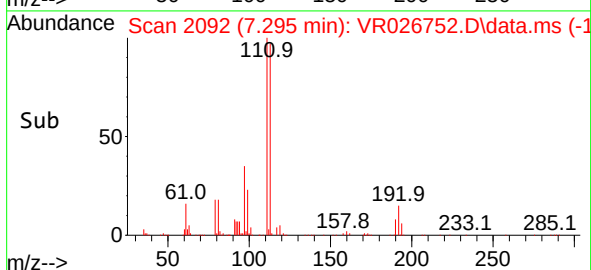
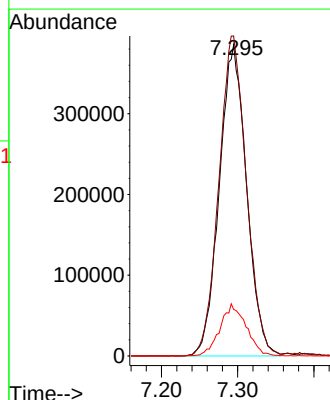
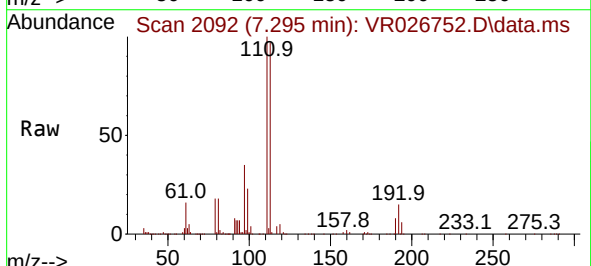
Tgt Ion:113 Resp: 955144

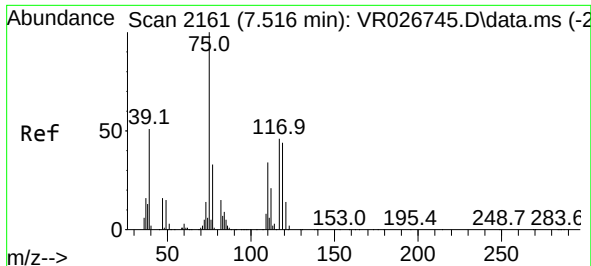
Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

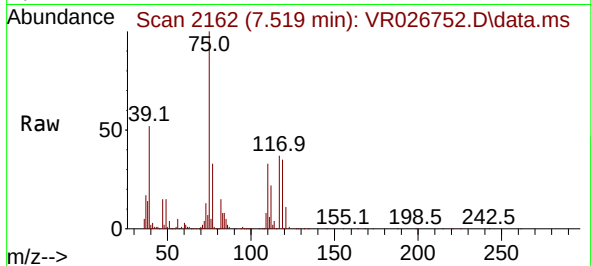
192 16.1 12.9 19.3





#35
1,1-Dichloropropene
Concen: 20.084 ug/l
RT: 7.519 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

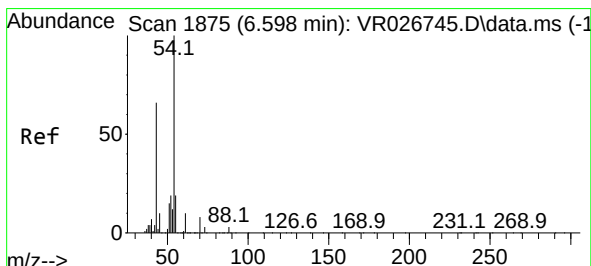
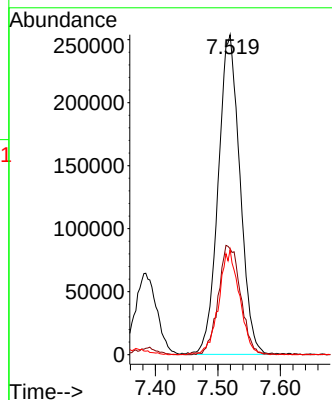
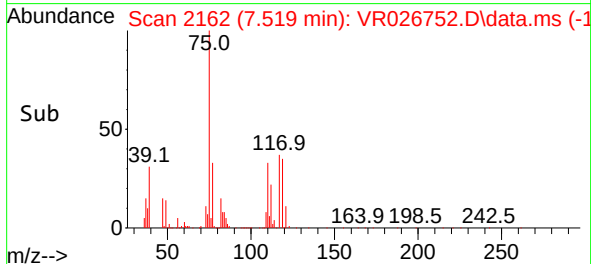
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



Tgt Ion: 75 Resp: 61222
Ion Ratio Lower Upper
75 100
110 35.1 17.3 52.0
77 31.3 25.1 37.7

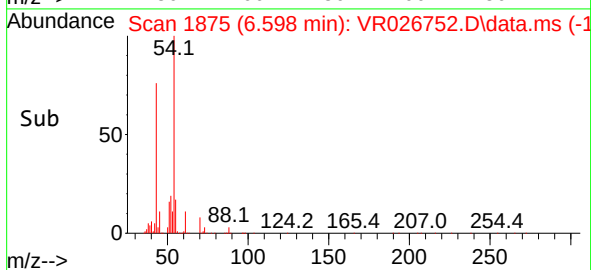
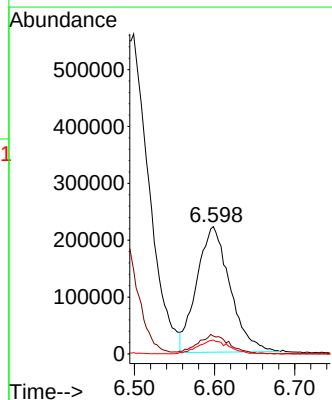
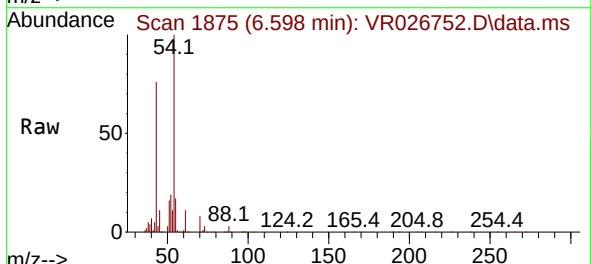
Manual Integrations
APPROVED

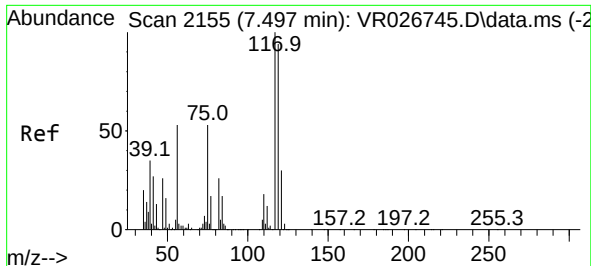
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#36
Ethyl Acetate
Concen: 16.321 ug/l
RT: 6.598 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

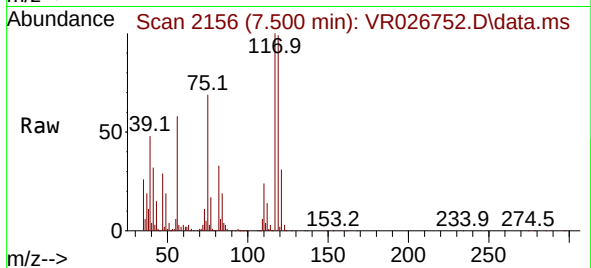
Tgt Ion: 43 Resp: 636471
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.2
70 9.8 8.4 12.6





#37
Carbon Tetrachloride
Concen: 19.294 ug/l
RT: 7.500 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

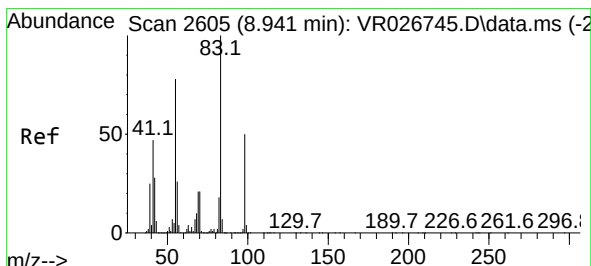
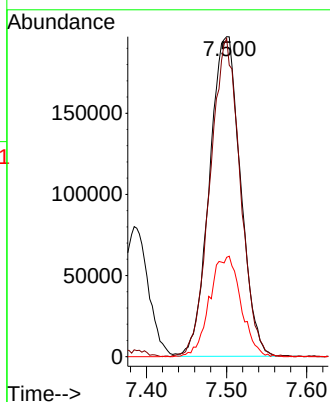
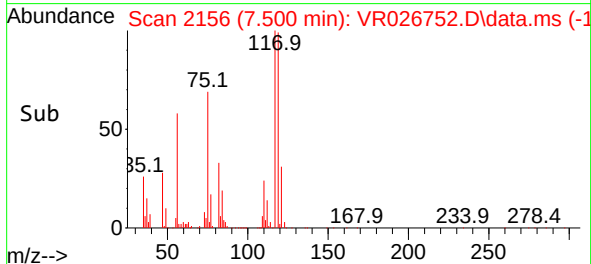
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



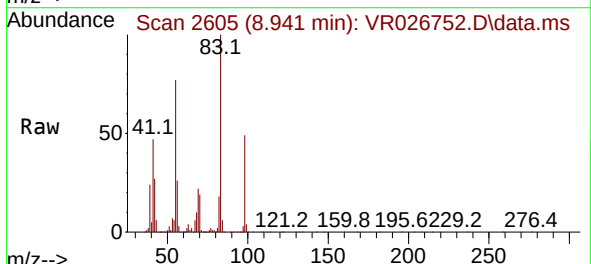
Tgt Ion: 117 Resp: 529260
Ion Ratio Lower Upper
117 100
119 99.2 75.1 112.7
121 31.0 24.2 36.2

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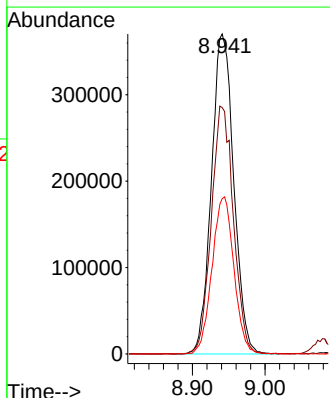
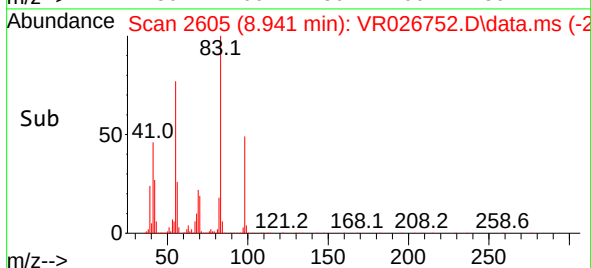
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

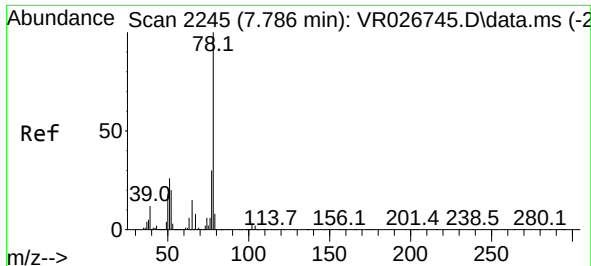


#38
Methylcyclohexane
Concen: 20.739 ug/l
RT: 8.941 min Scan# 2605
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



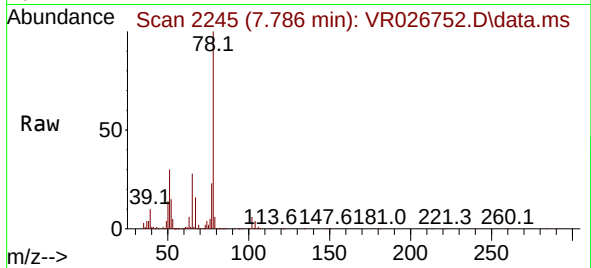
Tgt Ion: 83 Resp: 791097
Ion Ratio Lower Upper
83 100
55 77.0 62.6 94.0
98 48.5 39.9 59.9





#39
Benzene
Concen: 22.196 ug/l
RT: 7.786 min Scan# 21
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

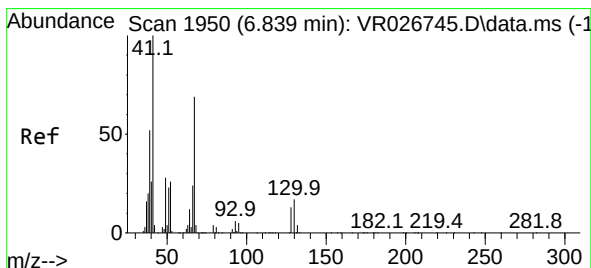
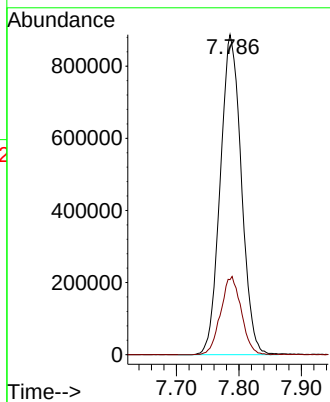
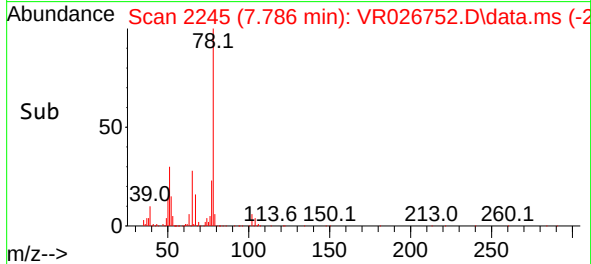
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



Tgt Ion: 78 Resp: 2077154
Ion Ratio Lower Upper
78 100
77 23.5 24.3 36.5

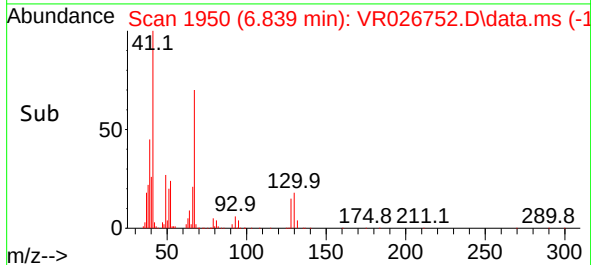
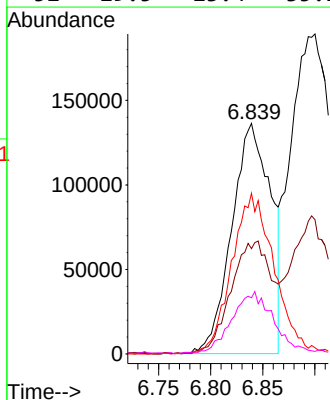
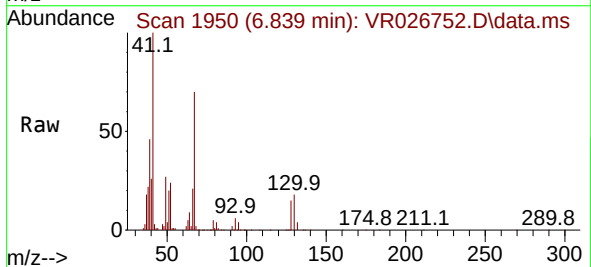
Manual Integrations
APPROVED

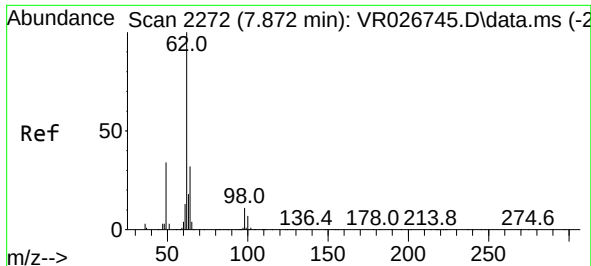
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40
Methacrylonitrile
Concen: 17.340 ug/l
RT: 6.839 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Tgt Ion: 41 Resp: 352695
Ion Ratio Lower Upper
41 100
39 50.6 43.0 64.4
67 76.0 62.6 94.0
52 29.5 23.4 35.2





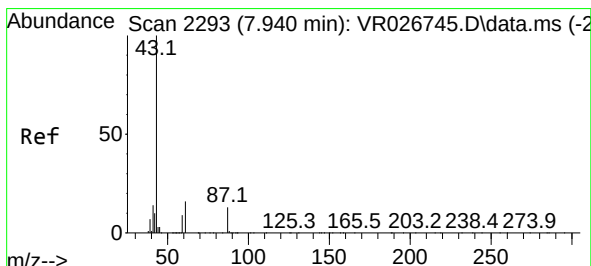
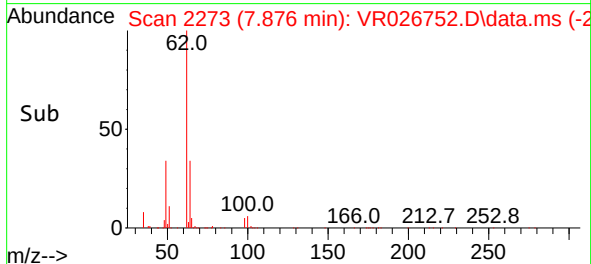
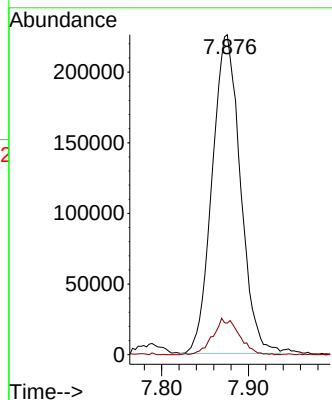
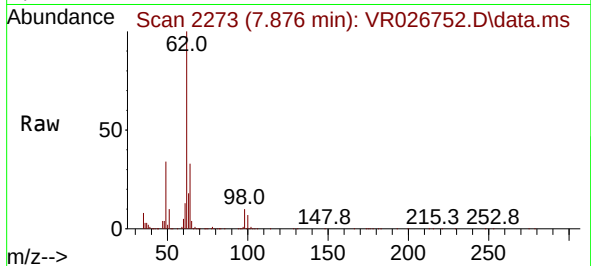
#41
1,2-Dichloroethane
Concen: 19.623 ug/l
RT: 7.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01

Tgt Ion: 62 Resp: 50916
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.2

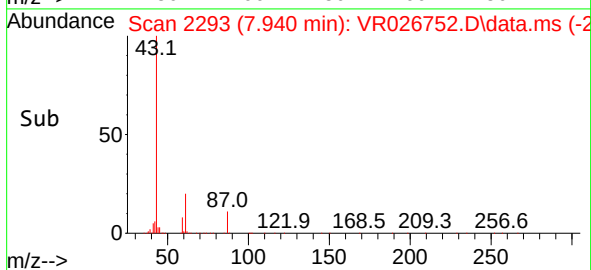
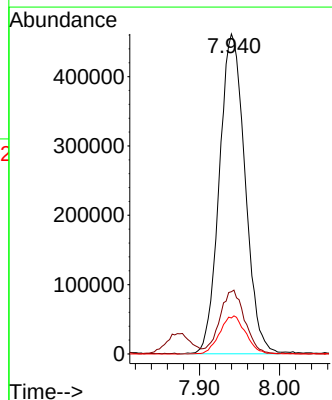
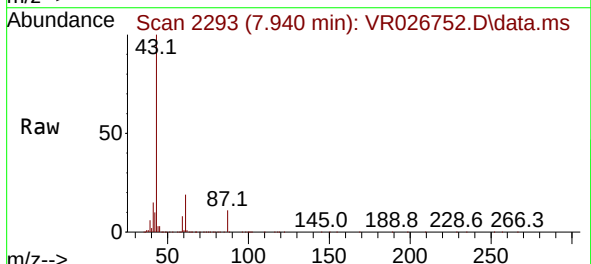
Manual Integrations
APPROVED

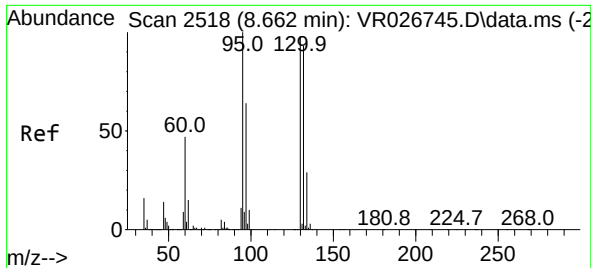
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
Isopropyl Acetate
Concen: 18.533 ug/l
RT: 7.940 min Scan# 2293
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Tgt Ion: 43 Resp: 1024630
Ion Ratio Lower Upper
43 100
61 19.1 16.8 25.2
87 12.0 10.2 15.4





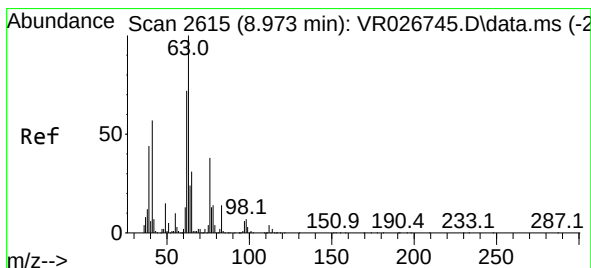
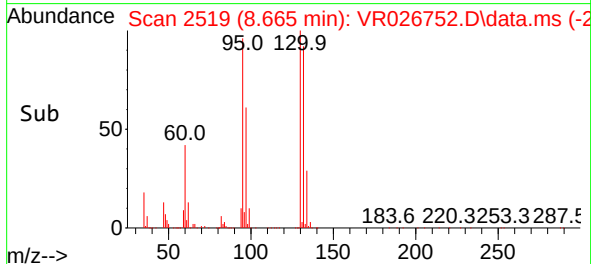
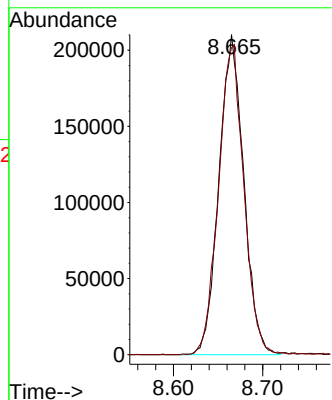
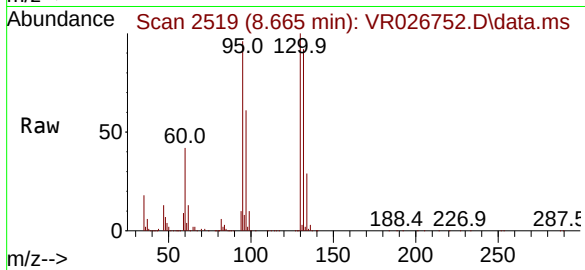
#43
 Trichloroethene
 Concen: 19.828 ug/l
 RT: 8.665 min Scan# 2518
 Delta R.T. 0.003 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBS01

Tgt Ion:130 Resp: 404835
 Ion Ratio Lower Upper
 130 100
 95 96.0 0.0 203.4

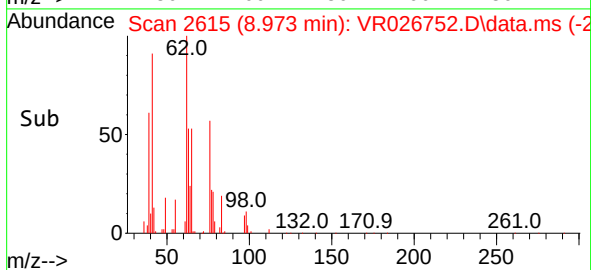
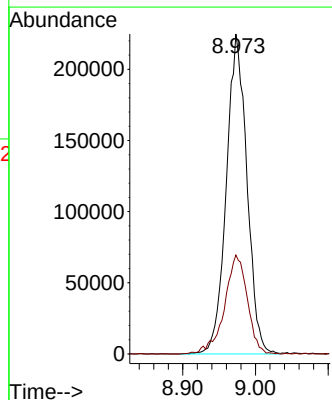
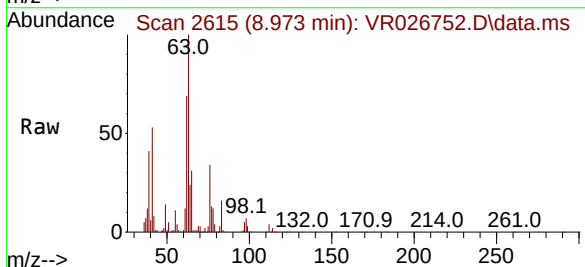
Manual Integrations
 APPROVED

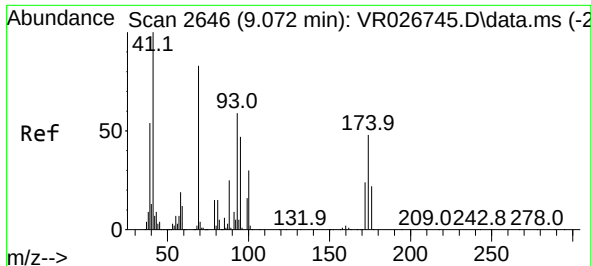
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#44
 1,2-Dichloropropane
 Concen: 19.761 ug/l
 RT: 8.973 min Scan# 2615
 Delta R.T. 0.000 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53

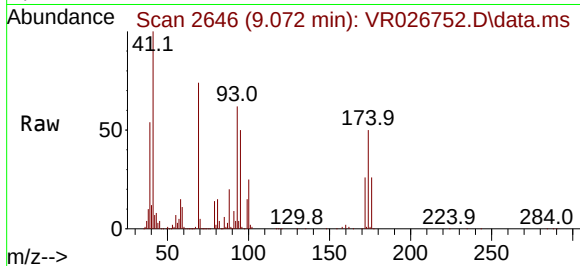
Tgt Ion: 63 Resp: 442722
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2





#45
Dibromomethane
Concen: 18.810 ug/l
RT: 9.072 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

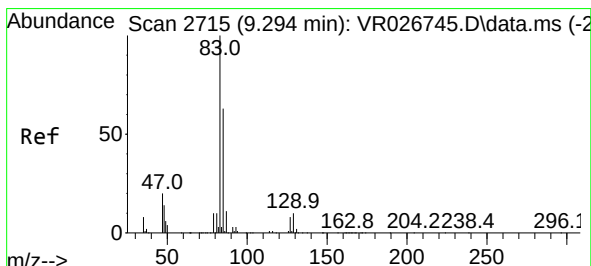
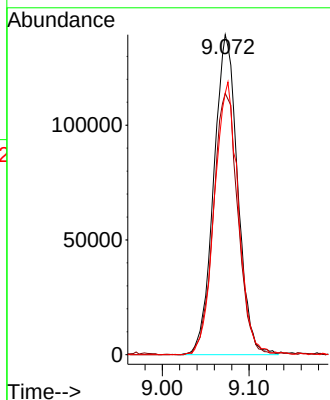
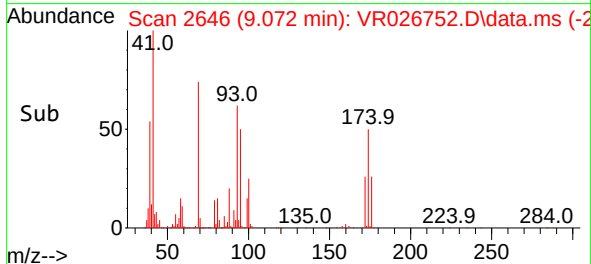
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



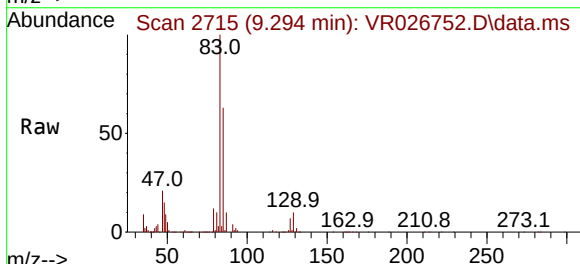
Tgt Ion: 93 Resp: 267712
Ion Ratio Lower Upper
93 100
95 83.7 65.4 98.0
174 84.9 66.5 99.7

Manual Integrations
APPROVED

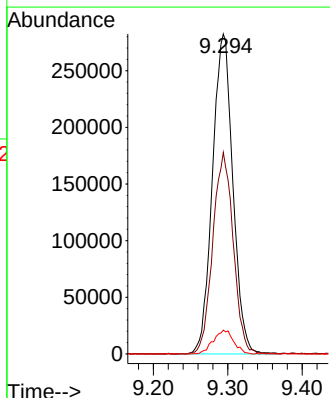
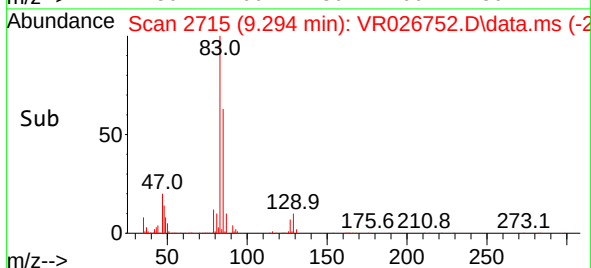
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

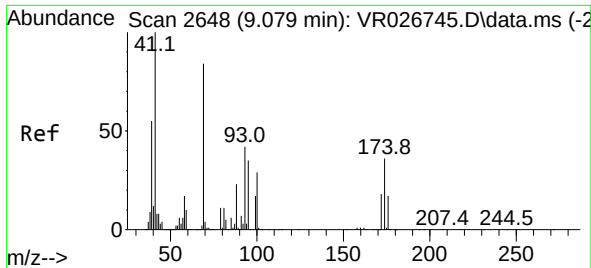


#46
Bromodichloromethane
Concen: 20.329 ug/l
RT: 9.294 min Scan# 2715
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



Tgt Ion: 83 Resp: 538555
Ion Ratio Lower Upper
83 100
85 63.0 50.8 76.2
127 7.4 6.0 9.0





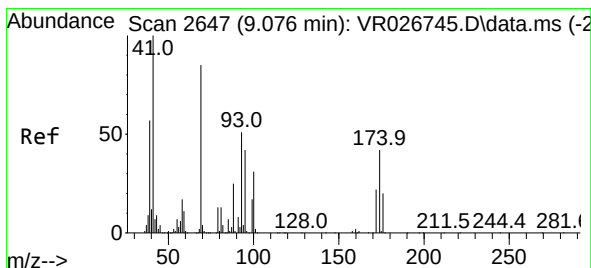
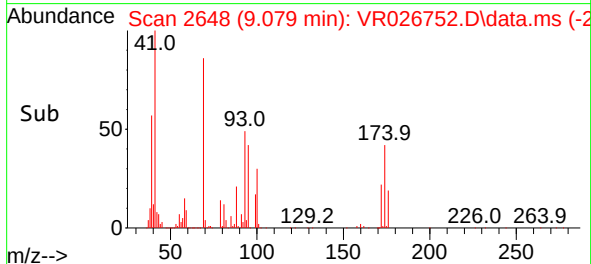
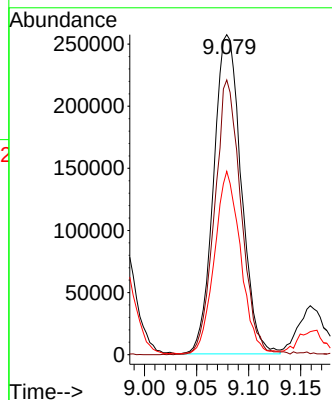
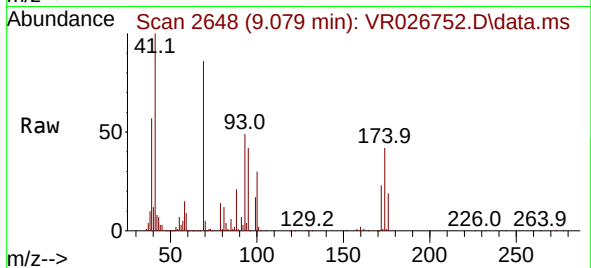
#47
Methyl methacrylate
Concen: 17.636 ug/l
RT: 9.079 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01

Tgt Ion: 41 Resp: 475919
Ion Ratio Lower Upper
41 100
69 82.1 66.5 99.7
39 53.6 43.3 64.9

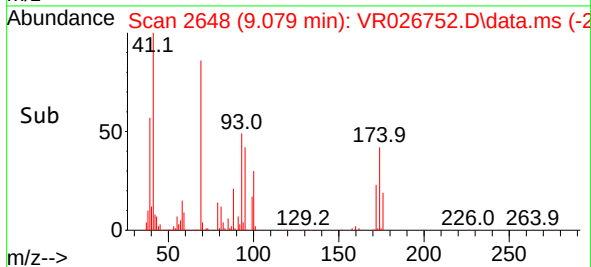
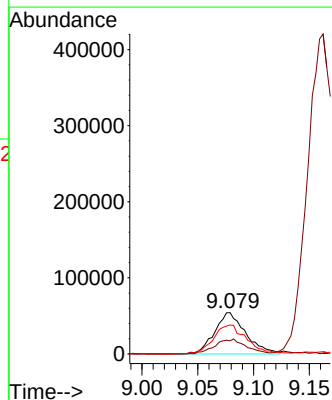
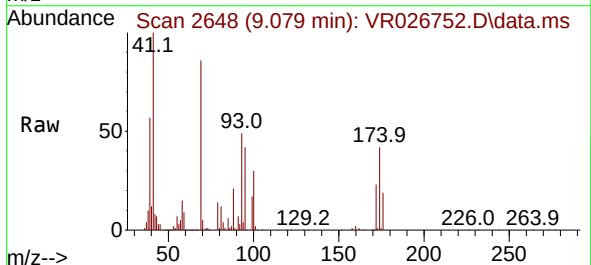
Manual Integrations
APPROVED

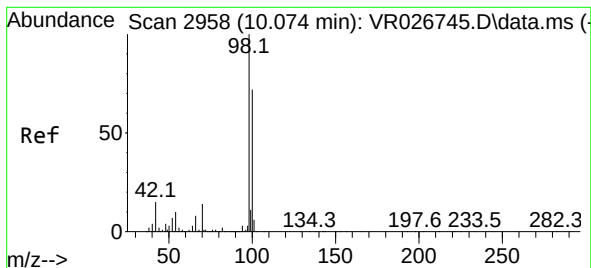
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48
1,4-Dioxane
Concen: 303.034 ug/l
RT: 9.079 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Tgt Ion: 88 Resp: 105050
Ion Ratio Lower Upper
88 100
43 36.2 27.1 40.7
58 75.2 55.9 83.9





#49

Toluene-d8

Concen: 53.872 ug/l

RT: 10.074 min Scan# 2958

Delta R.T. -0.000 min

Lab File: VR026752.D

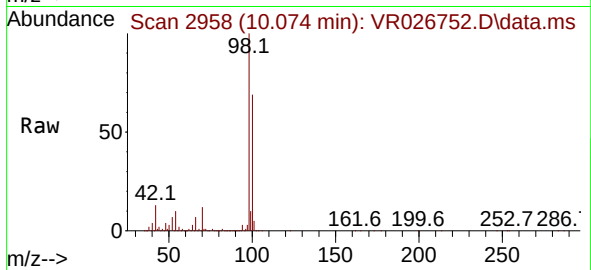
Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01



Tgt Ion: 98 Resp: 353518

Ion Ratio Lower Upper

98 100

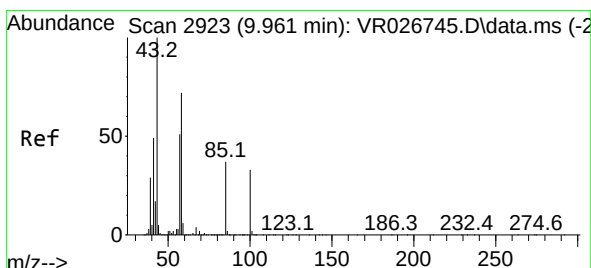
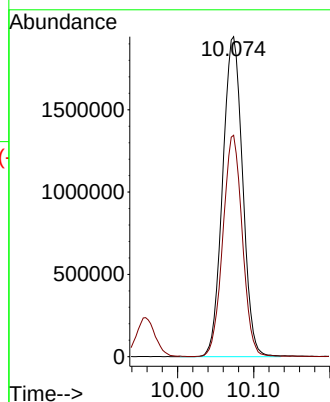
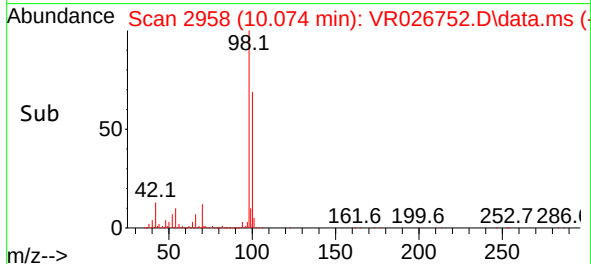
100 67.2 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

4-Methyl-2-Pentanone

Concen: 103.868 ug/l

RT: 9.958 min Scan# 2922

Delta R.T. -0.003 min

Lab File: VR026752.D

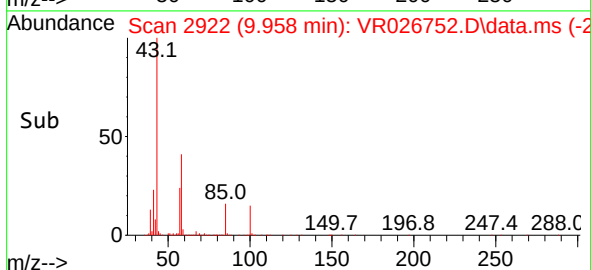
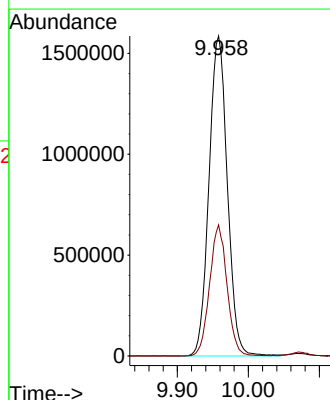
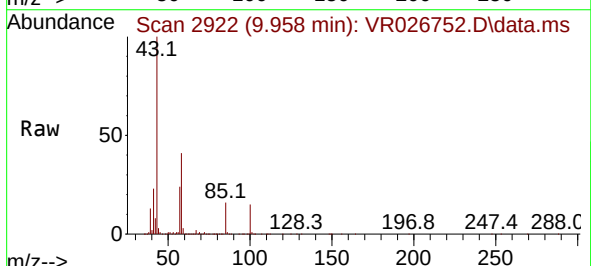
Acq: 21 Aug 2025 11:53

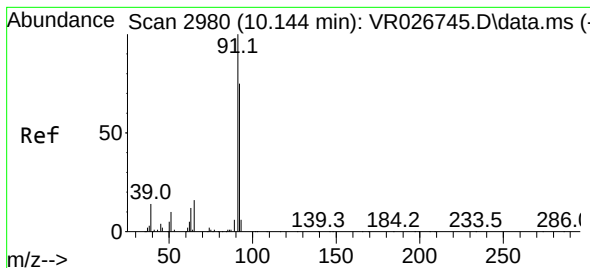
Tgt Ion: 43 Resp: 2839071

Ion Ratio Lower Upper

43 100

58 39.1 46.8 70.2#





#51

Toluene

Concen: 21.177 ug/l

RT: 10.144 min Scan# 2980

Delta R.T. -0.000 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

Tgt Ion: 92 Resp: 1131688

Ion Ratio Lower Upper

92 100

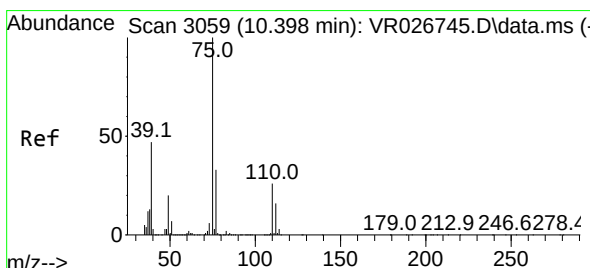
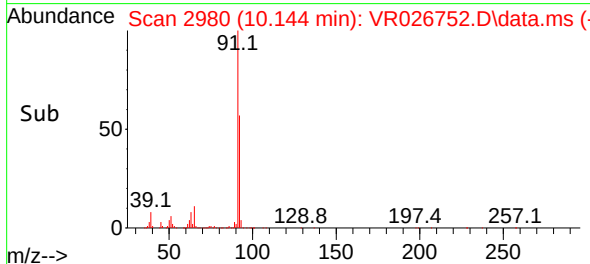
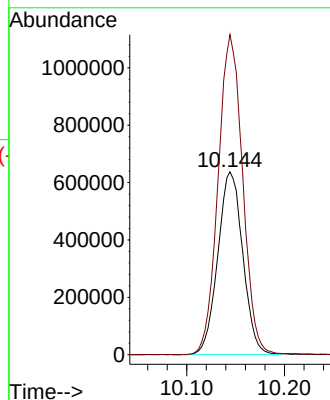
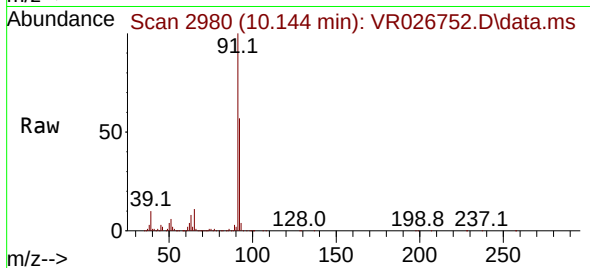
91 172.1 120.1 180.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#52

t-1,3-Dichloropropene

Concen: 20.204 ug/l

RT: 10.401 min Scan# 3060

Delta R.T. 0.003 min

Lab File: VR026752.D

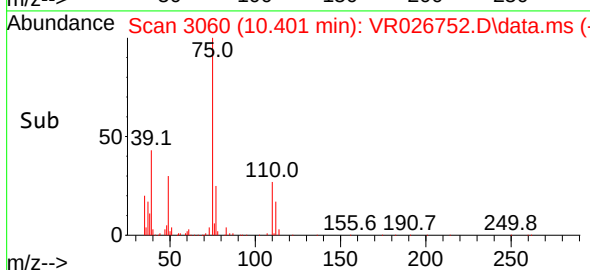
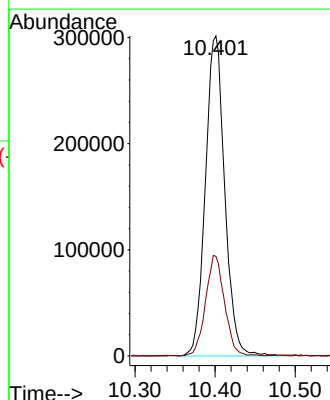
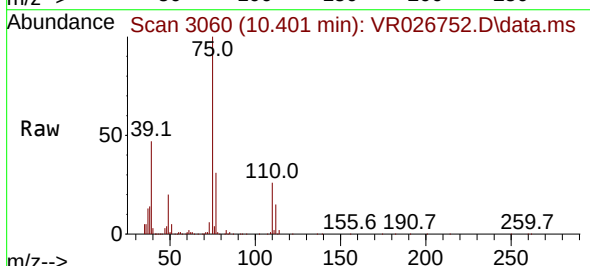
Acq: 21 Aug 2025 11:53

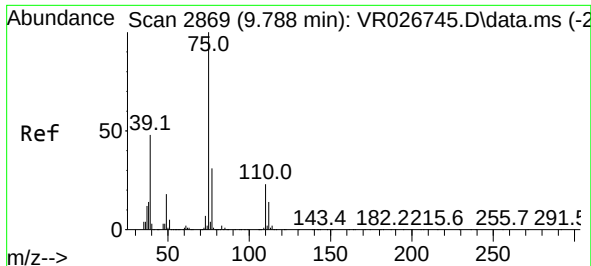
Tgt Ion: 75 Resp: 506937

Ion Ratio Lower Upper

75 100

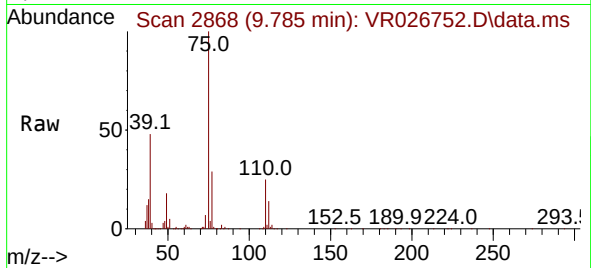
77 31.1 26.2 39.4





#53
cis-1,3-Dichloropropene
Concen: 20.118 ug/l
RT: 9.785 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

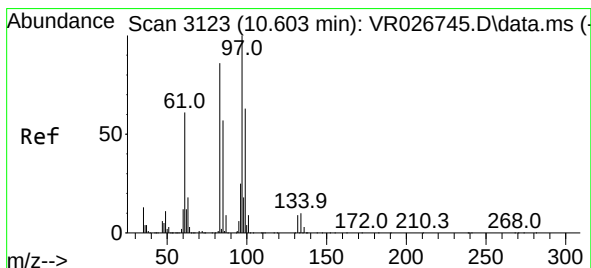
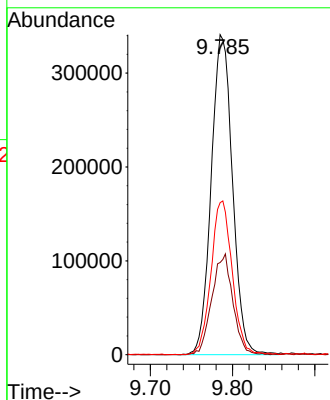
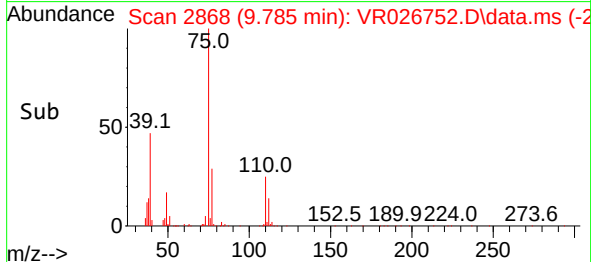
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



Tgt Ion: 75 Resp: 61239
Ion Ratio Lower Upper
75 100
77 28.8 25.1 37.7
39 47.5 38.5 57.7

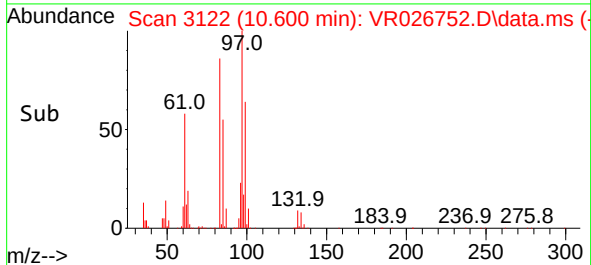
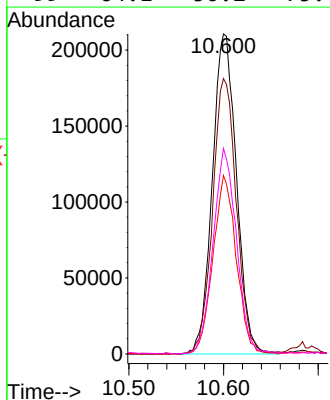
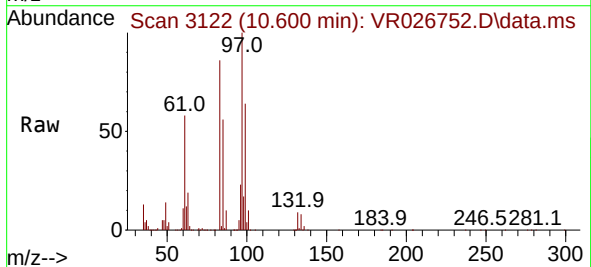
Manual Integrations
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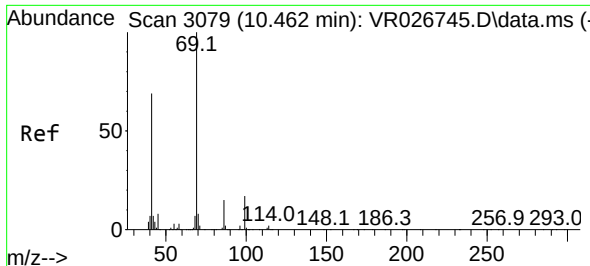
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#54
1,1,2-Trichloroethane
Concen: 19.622 ug/l
RT: 10.600 min Scan# 3122
Delta R.T. -0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

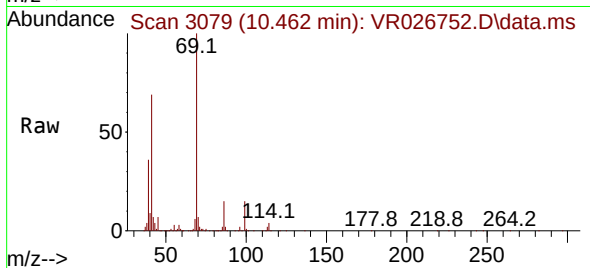
Tgt Ion: 97 Resp: 372189
Ion Ratio Lower Upper
97 100
83 86.1 68.9 103.3
85 55.8 45.3 67.9
99 64.1 50.2 75.4





#55
Ethyl methacrylate
Concen: 19.073 ug/l
RT: 10.462 min Scan# 3079
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

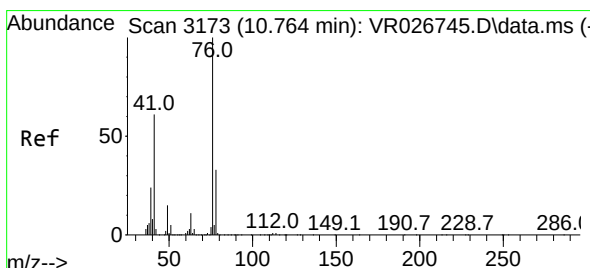
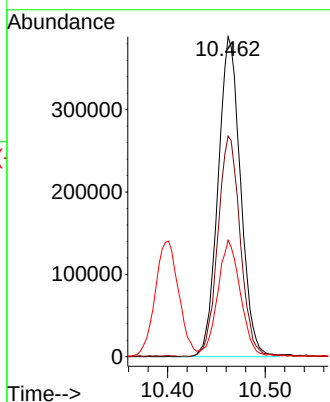
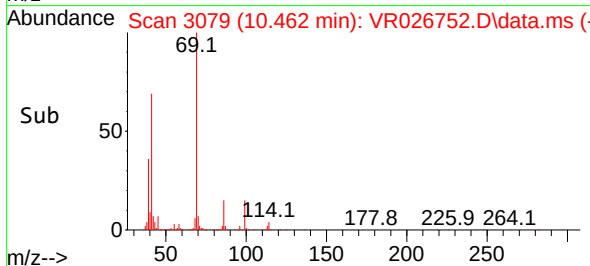
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



Tgt Ion: 69 Resp: 622270
Ion Ratio Lower Upper
69 100
41 68.6 55.6 83.4
39 36.4 29.2 43.8

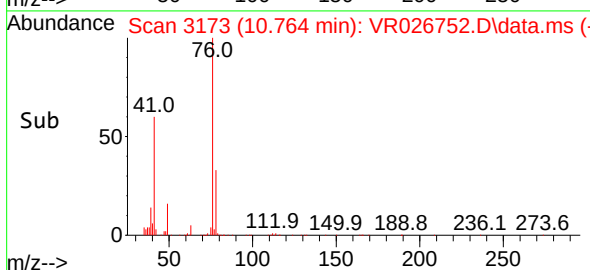
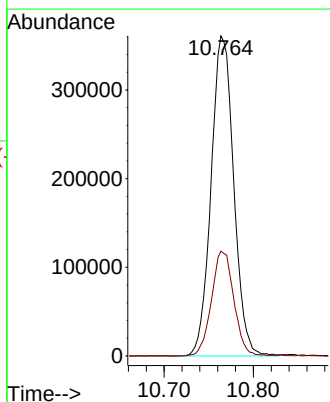
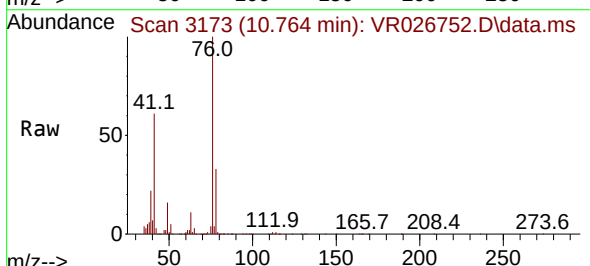
Manual Integrations
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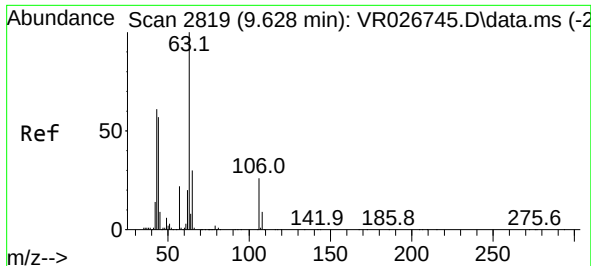
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
1,3-Dichloropropane
Concen: 19.887 ug/l
RT: 10.764 min Scan# 3173
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Tgt Ion: 76 Resp: 635815
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9





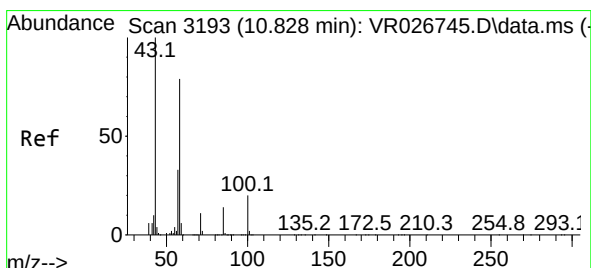
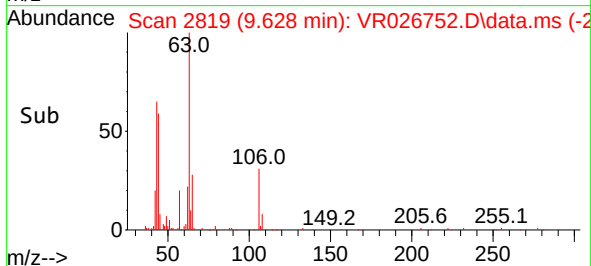
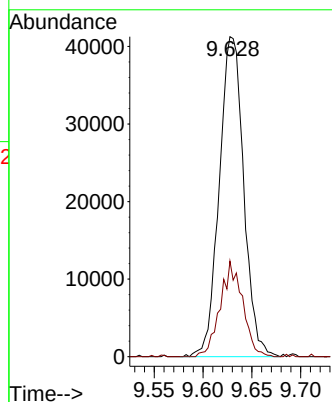
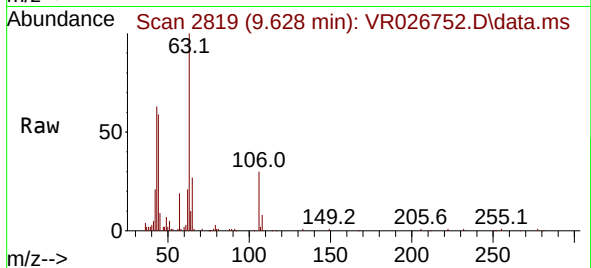
#57
2-Chloroethyl Vinyl ether
Concen: 41.105 ug/l
RT: 9.628 min Scan# 21
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01

Tgt Ion: 63 Resp: 71862
Ion Ratio Lower Upper
63 100
106 27.4 21.5 32.3

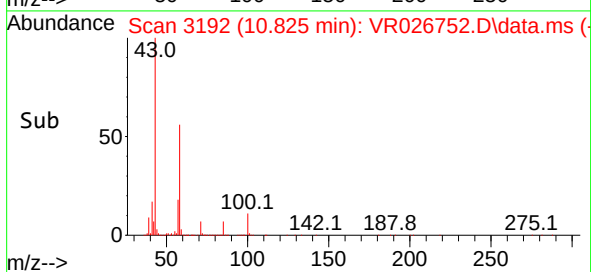
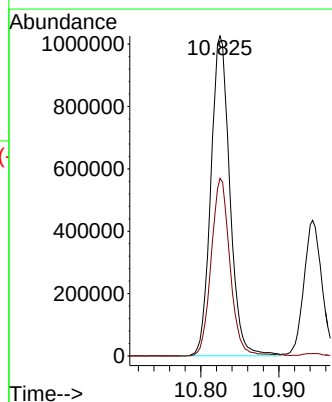
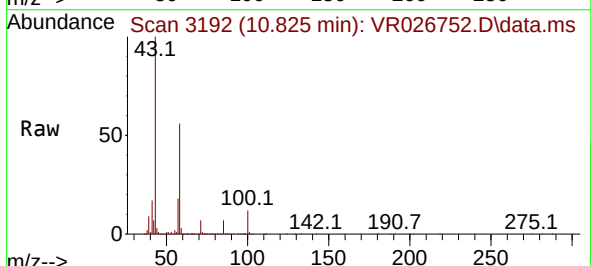
Manual Integrations
APPROVED

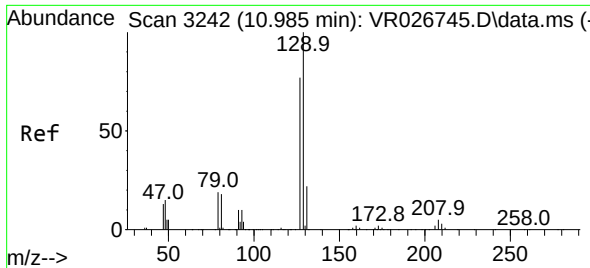
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Hexanone
Concen: 92.828 ug/l
RT: 10.825 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

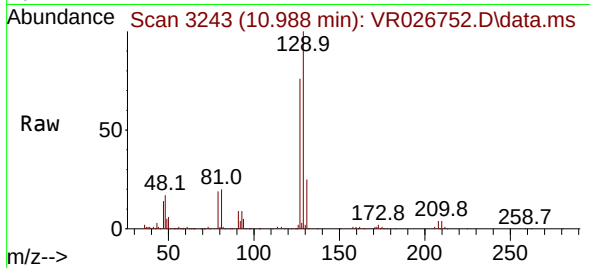
Tgt Ion: 43 Resp: 1734266
Ion Ratio Lower Upper
43 100
58 55.2 34.0 102.0





#59
 Dibromochloromethane
 Concen: 19.574 ug/l
 RT: 10.988 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53

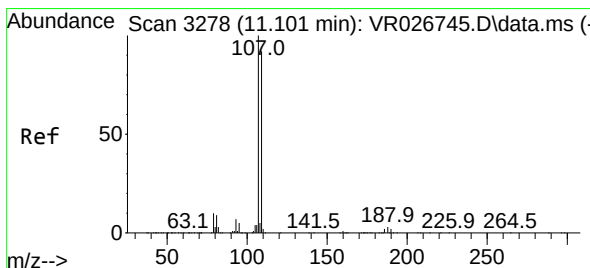
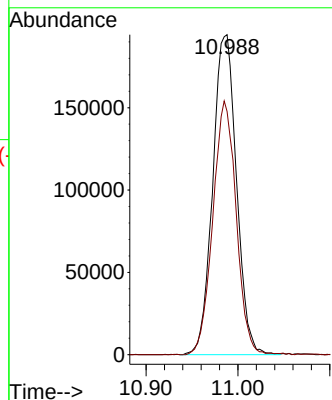
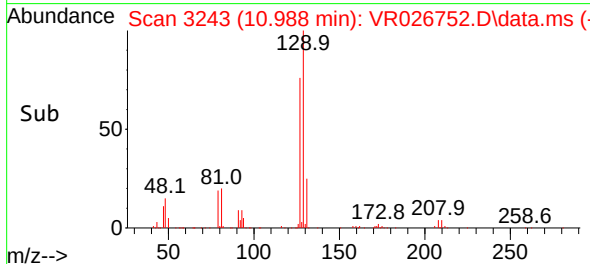
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBS01



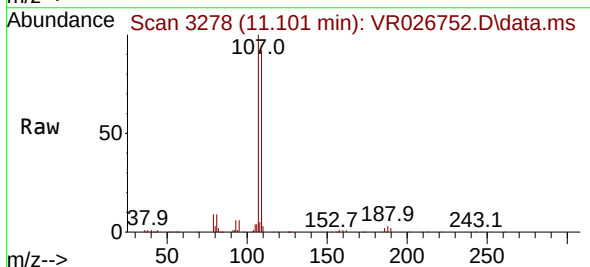
Tgt Ion:129 Resp: 349225
 Ion Ratio Lower Upper
 129 100
 127 78.0 38.9 116.7

Manual Integrations
 APPROVED

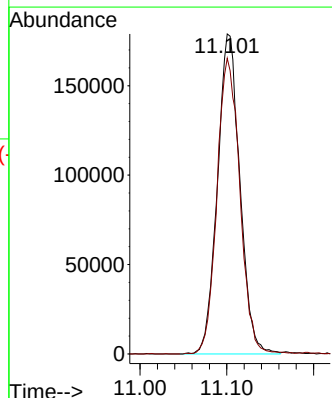
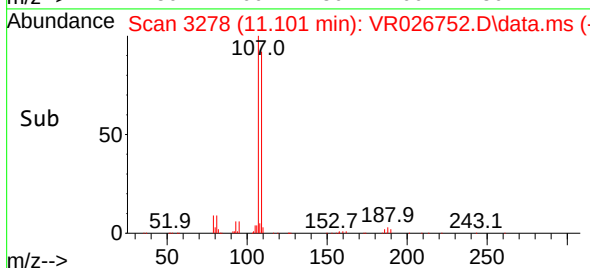
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

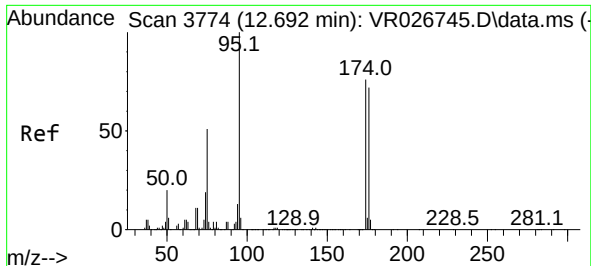


#60
 1,2-Dibromoethane
 Concen: 18.755 ug/l
 RT: 11.101 min Scan# 3278
 Delta R.T. -0.000 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53



Tgt Ion:107 Resp: 321516
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.3 111.5





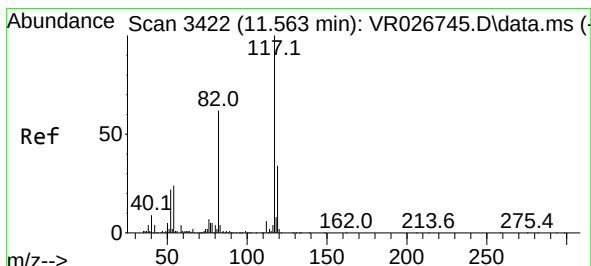
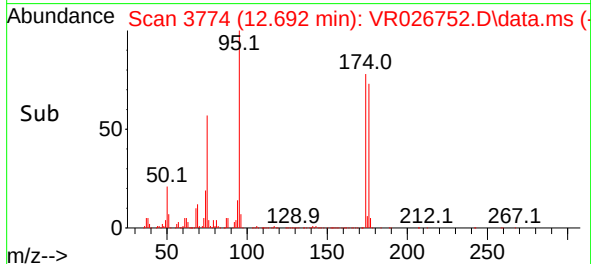
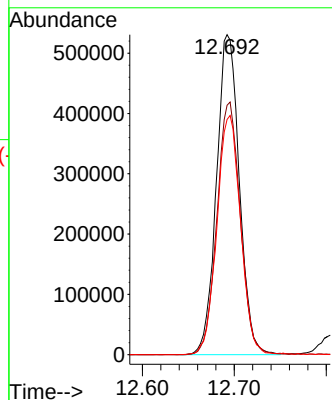
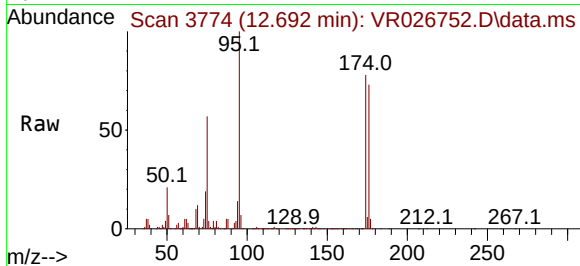
#61
4-Bromofluorobenzene
Concen: 49.251 ug/l
RT: 12.692 min Scan# 3774
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01

Tgt Ion: 95 Resp: 917019
Ion Ratio Lower Upper
95 100
174 80.8 0.0 156.6
176 77.3 0.0 150.2

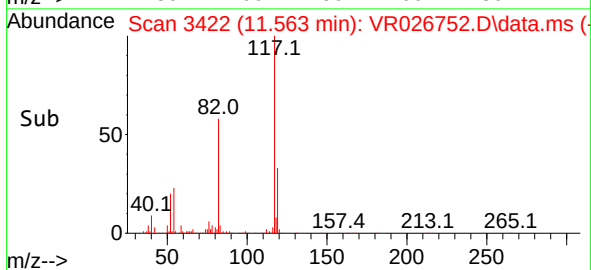
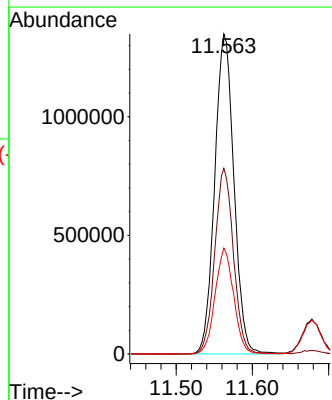
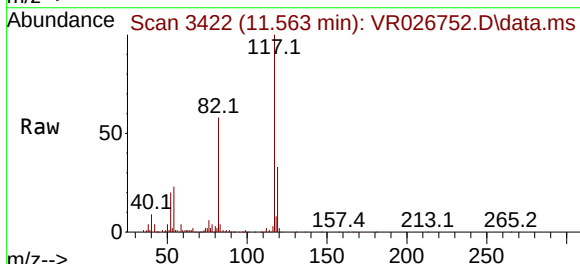
Manual Integrations
APPROVED

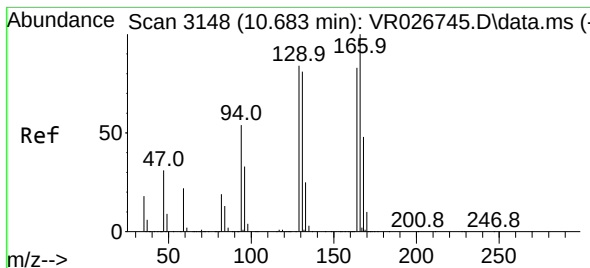
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Tgt Ion:117 Resp: 2366269
Ion Ratio Lower Upper
117 100
82 58.0 49.9 74.9
119 33.1 27.4 41.2





#63

Tetrachloroethene

Concen: 20.532 ug/l

RT: 10.683 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

Tgt Ion:164 Resp: 341362

Ion Ratio Lower Upper

164 100

166 114.9 95.9 143.9

129 91.9 80.2 120.2

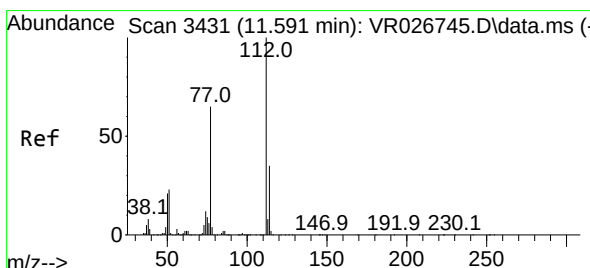
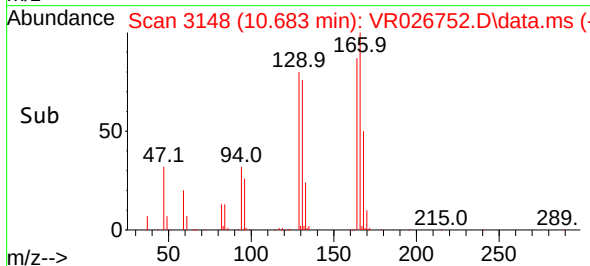
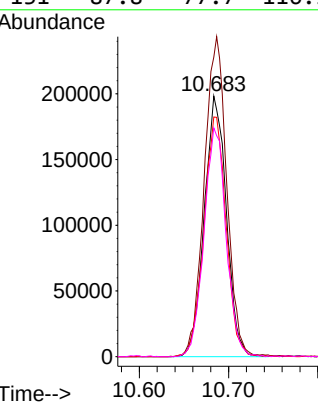
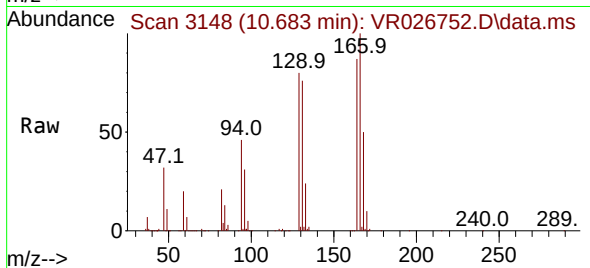
131 87.8 77.7 116.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#64

Chlorobenzene

Concen: 21.508 ug/l

RT: 11.591 min Scan# 3431

Delta R.T. -0.000 min

Lab File: VR026752.D

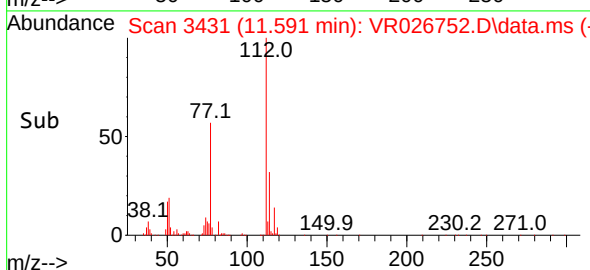
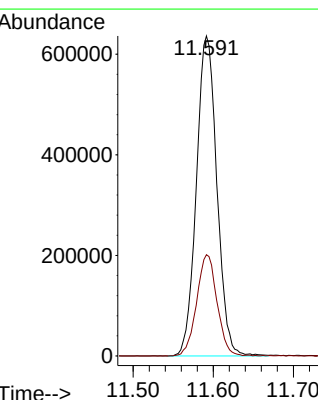
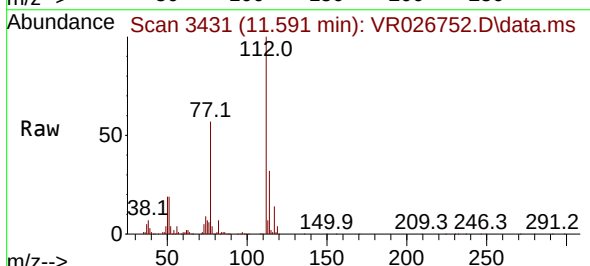
Acq: 21 Aug 2025 11:53

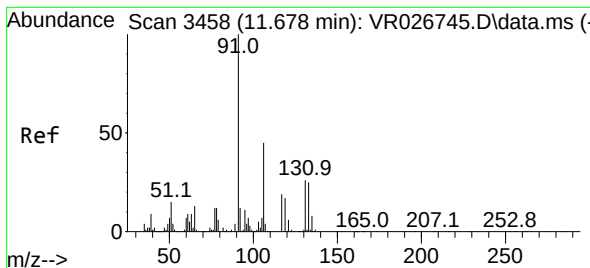
Tgt Ion:112 Resp: 1132539

Ion Ratio Lower Upper

112 100

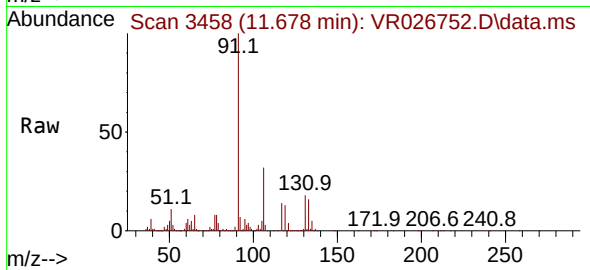
114 31.6 28.0 42.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.353 ug/l
RT: 11.678 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

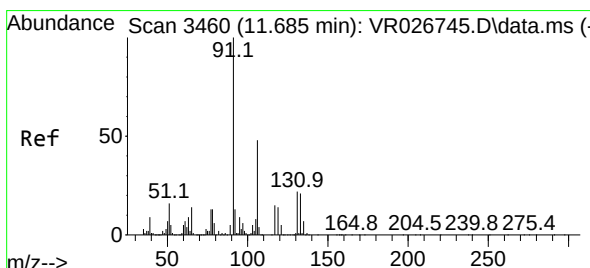
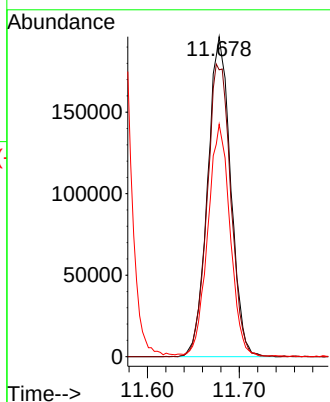
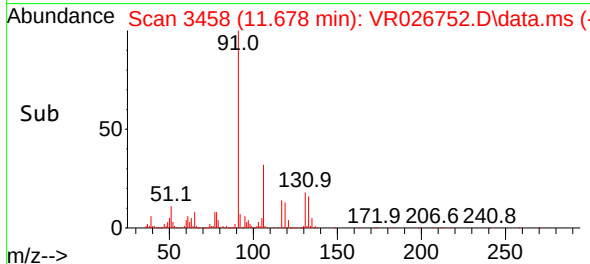
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



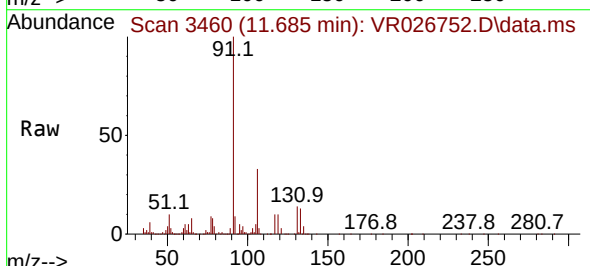
Tgt Ion:131 Resp: 342150
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 70.2 33.9 101.7

Manual Integrations
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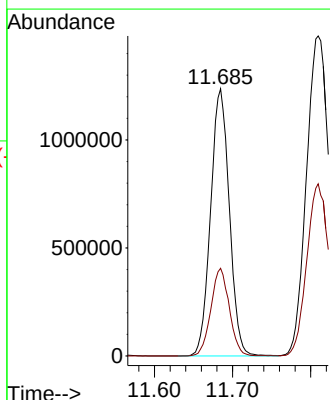
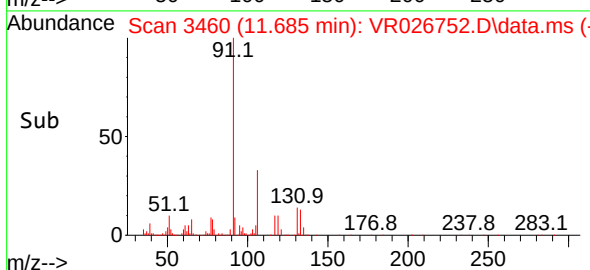
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

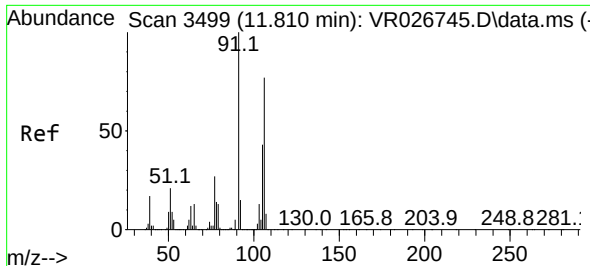


#66
Ethyl Benzene
Concen: 23.405 ug/l
RT: 11.685 min Scan# 3460
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



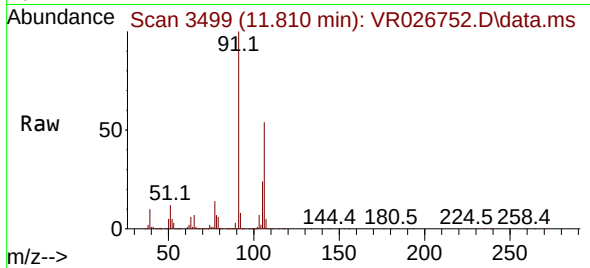
Tgt Ion: 91 Resp: 2060554
Ion Ratio Lower Upper
91 100
106 32.8 38.7 58.1#





#67
m/p-Xylenes
Concen: 42.938 ug/l
RT: 11.810 min Scan# 3499
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

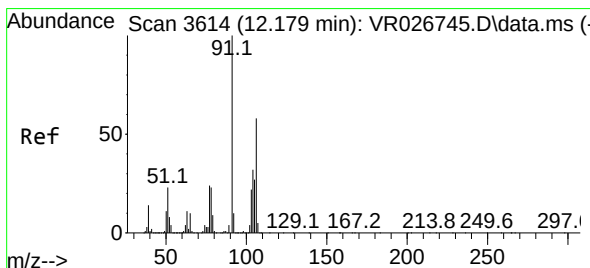
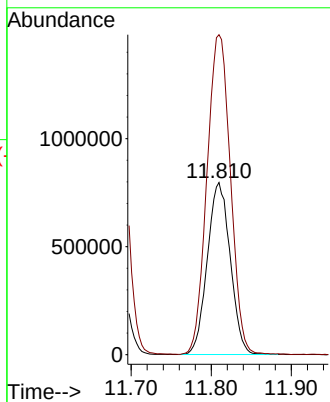
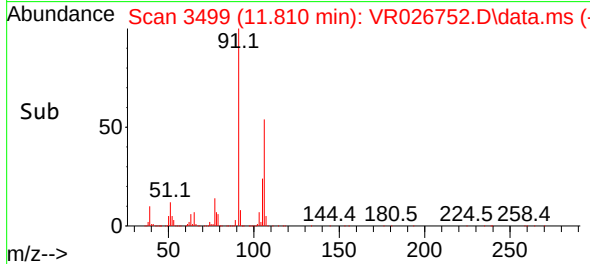
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



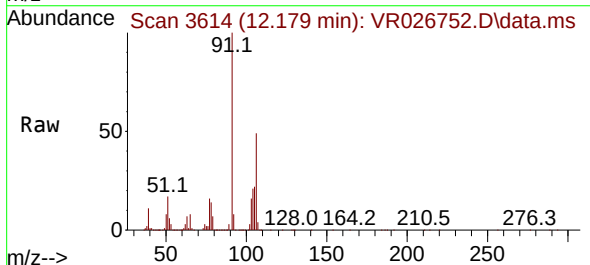
Tgt Ion:106 Resp: 158185
Ion Ratio Lower Upper
106 100
91 191.0 121.6 182.4

Manual Integrations
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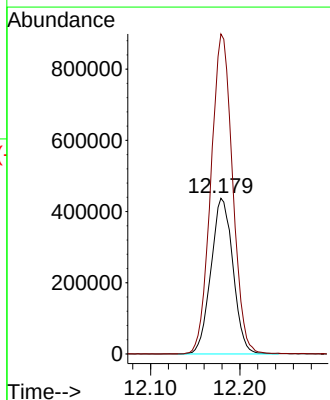
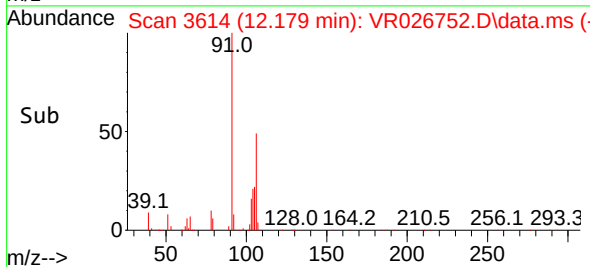
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

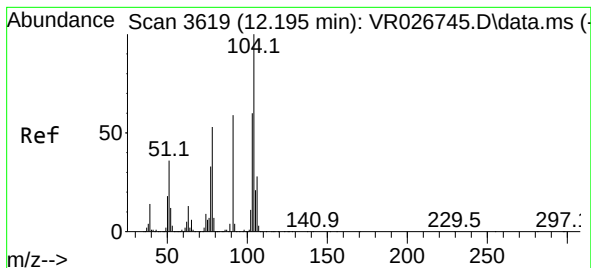


#68
o-Xylene
Concen: 20.106 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



Tgt Ion:106 Resp: 750556
Ion Ratio Lower Upper
106 100
91 202.9 93.7 281.1





#69

Styrene

Concen: 20.956 ug/l

RT: 12.195 min Scan# 3619

Delta R.T. -0.000 min

Lab File: VR026752.D

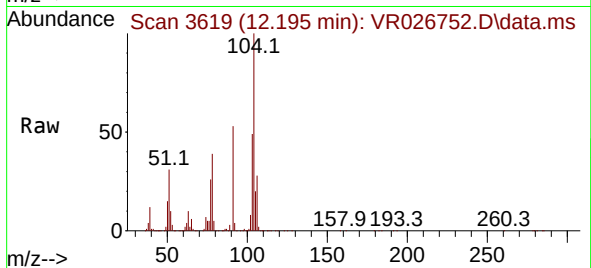
Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01



Tgt Ion:104 Resp: 115116

Ion Ratio Lower Upper

104 100

78 44.3 42.5 63.7

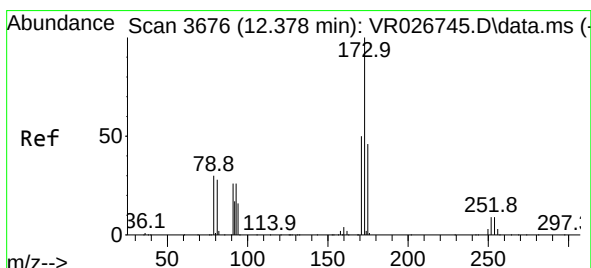
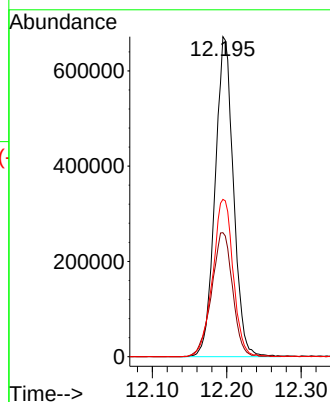
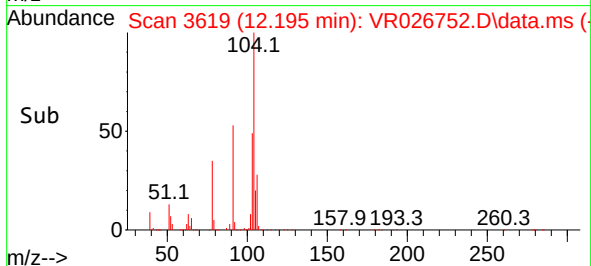
103 54.9 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#70

Bromoform

Concen: 19.241 ug/l

RT: 12.378 min Scan# 3676

Delta R.T. -0.000 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

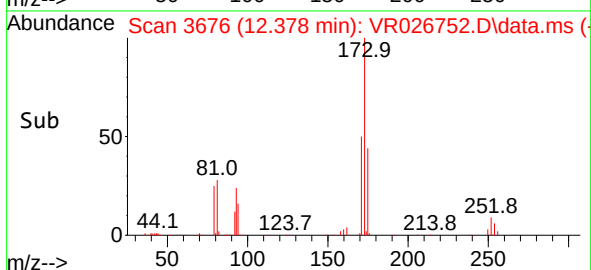
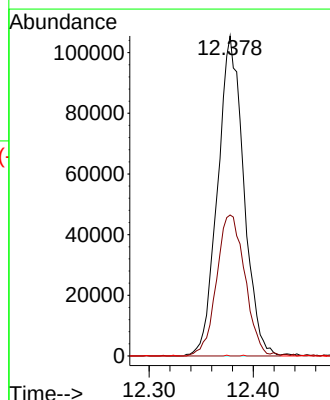
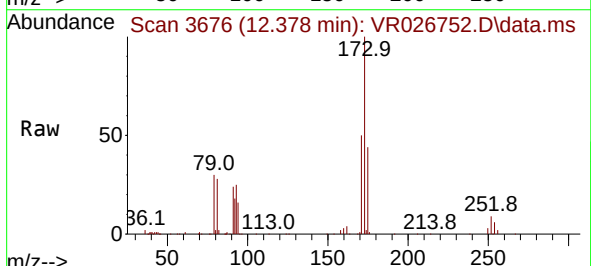
Tgt Ion:173 Resp: 183432

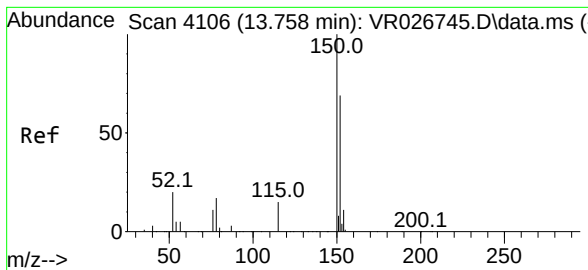
Ion Ratio Lower Upper

173 100

175 47.9 23.8 71.4

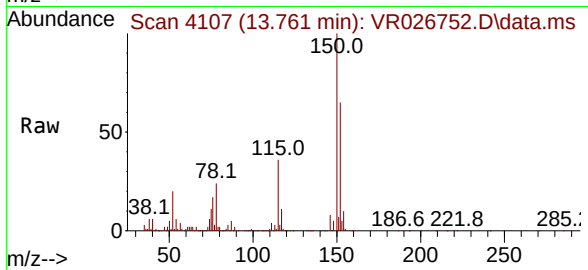
254 0.0 0.0 0.0#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.761 min Scan# 4106
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

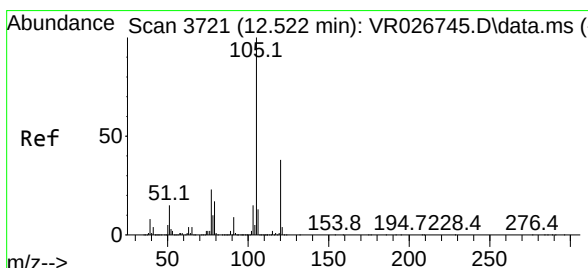
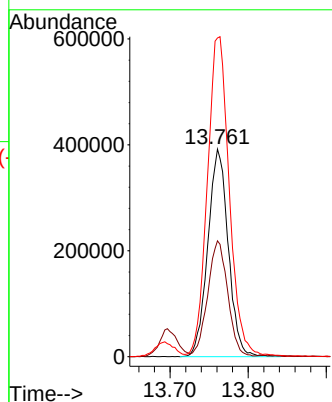
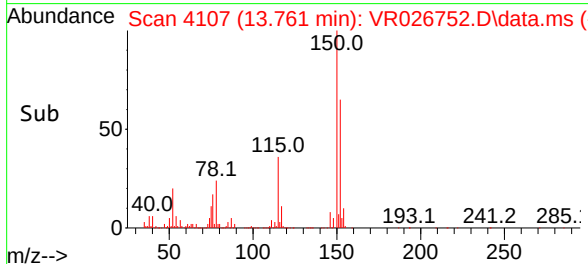
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



Tgt Ion:152 Resp: 71348
Ion Ratio Lower Upper
152 100
115 54.0 28.5 85.5
150 165.0 0.0 352.0

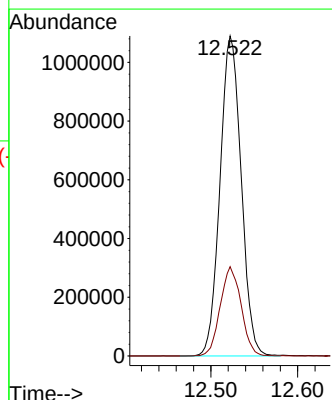
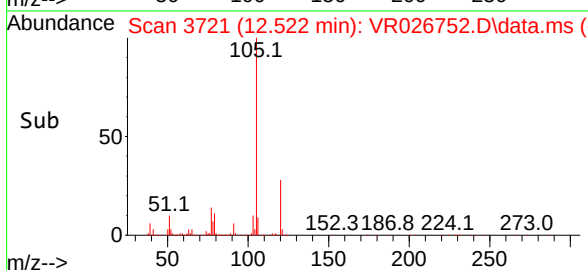
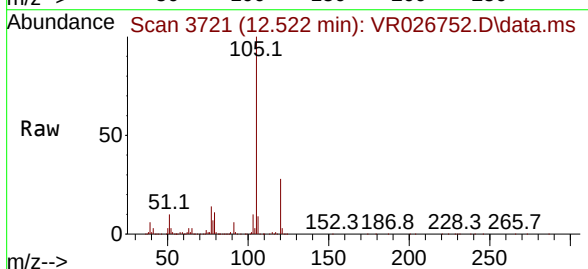
Manual Integrations
APPROVED

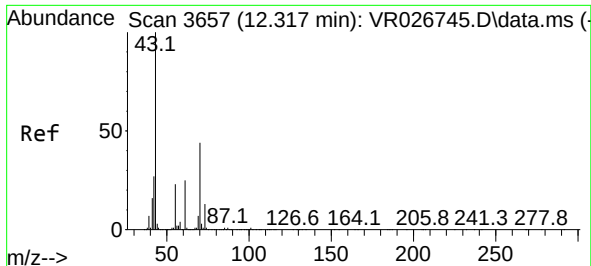
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#72
Isopropylbenzene
Concen: 23.836 ug/l
RT: 12.522 min Scan# 3721
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

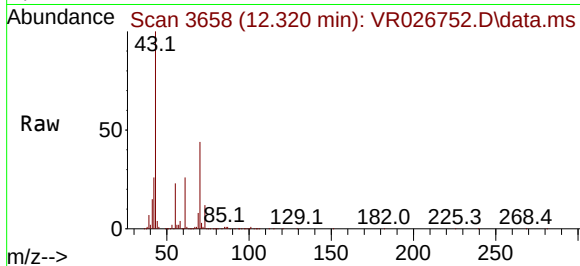
Tgt Ion:105 Resp: 1846001
Ion Ratio Lower Upper
105 100
120 27.4 16.4 49.2





#73
N-amy1 acetate
Concen: 17.276 ug/l
RT: 12.320 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

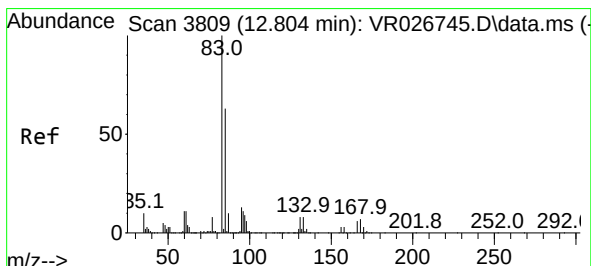
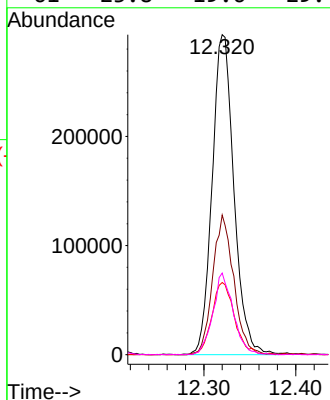
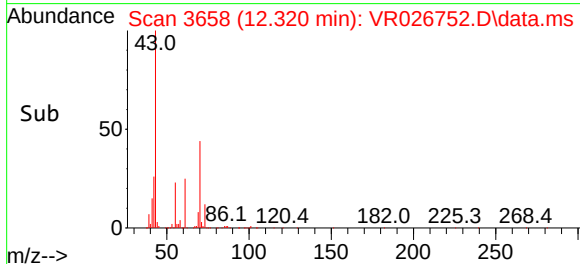
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



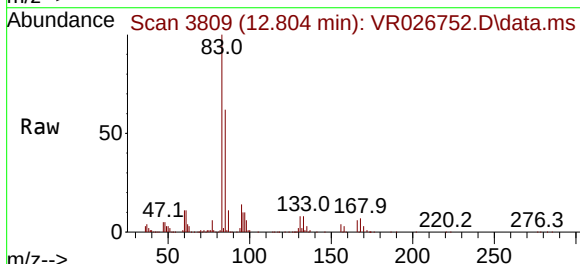
Tgt Ion: 43 Resp: 48304
Ion Ratio Lower Upper
43 100
70 42.2 34.1 51.1
55 23.5 18.1 27.1
61 23.8 19.6 29.4

Manual Integrations
APPROVED

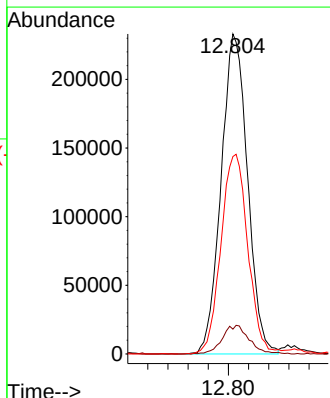
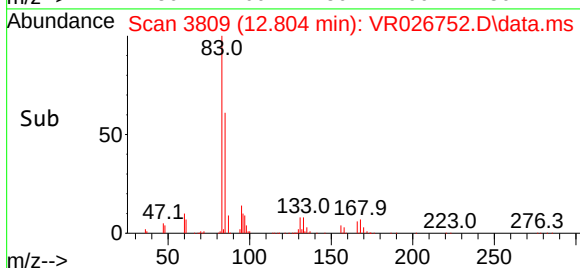
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

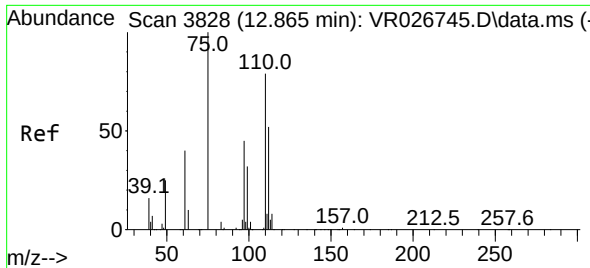


#74
1,1,2,2-Tetrachloroethane
Concen: 19.114 ug/l
RT: 12.804 min Scan# 3809
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



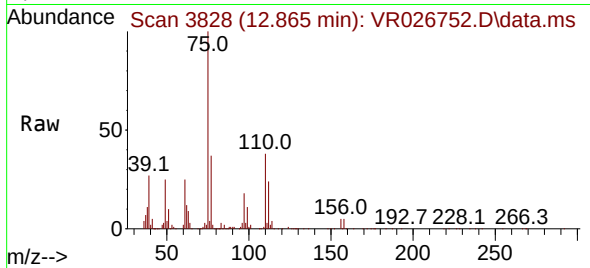
Tgt Ion: 83 Resp: 423763
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 63.6 31.7 95.1





#75
1,2,3-Trichloropropane
Concen: 19.031 ug/l m
RT: 12.865 min Scan# 3828
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

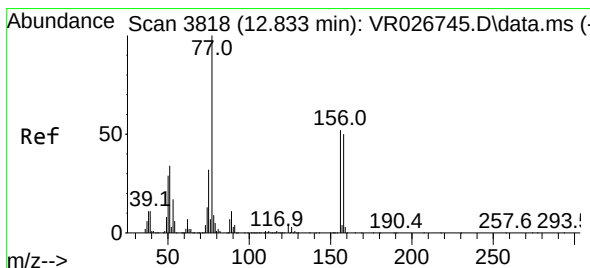
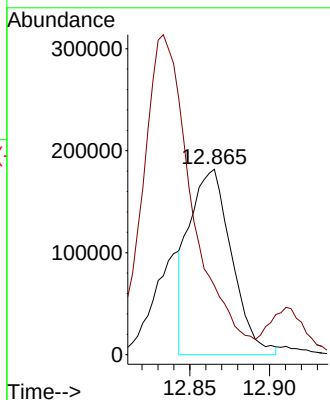
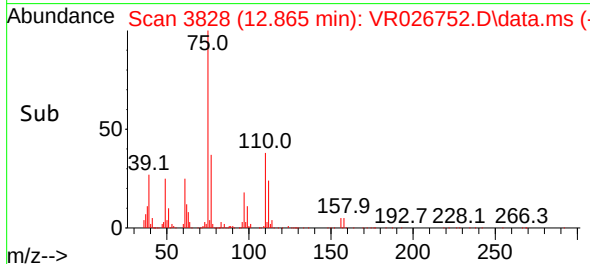
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



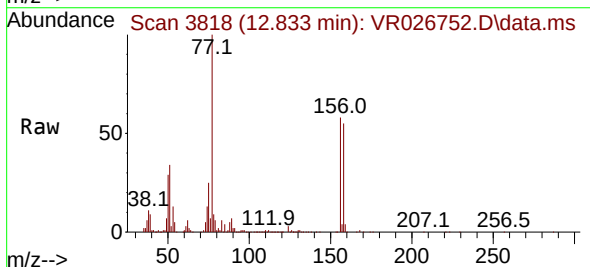
Tgt Ion: 75 Resp: 334712
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Manual Integrations
APPROVED

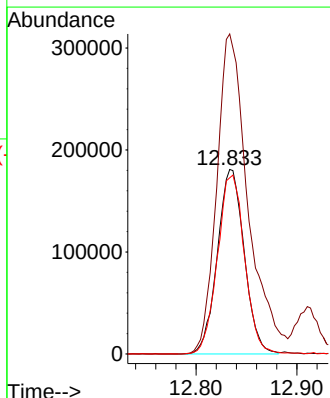
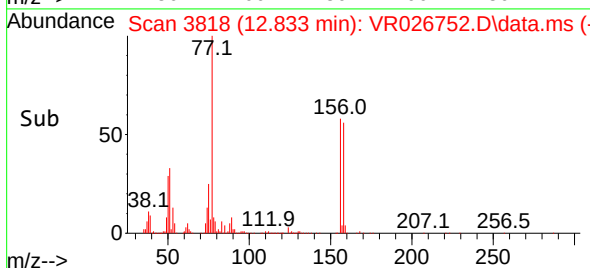
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

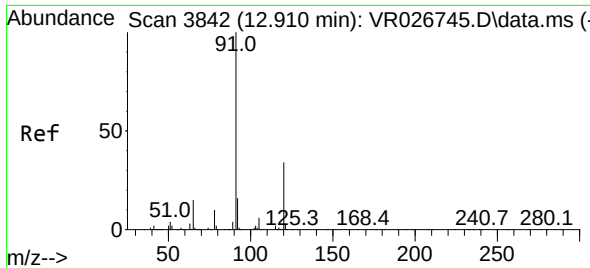


#76
Bromobenzene
Concen: 19.789 ug/l
RT: 12.833 min Scan# 3818
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



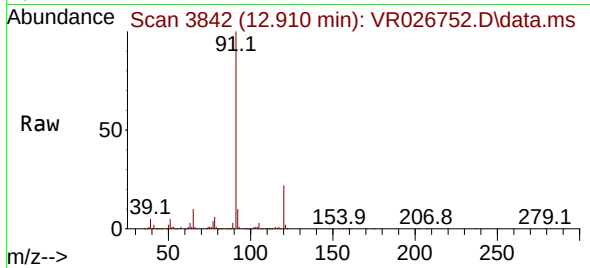
Tgt Ion:156 Resp: 335471
Ion Ratio Lower Upper
156 100
77 202.0 109.8 329.4
158 98.1 47.5 142.6





#77
n-propylbenzene
Concen: 24.104 ug/l
RT: 12.910 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

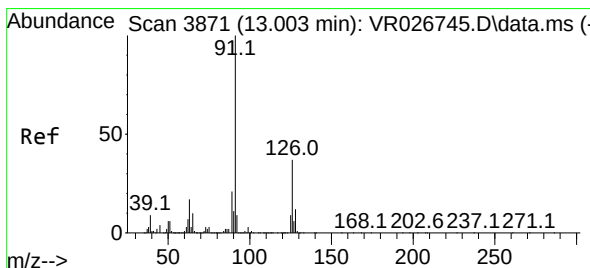
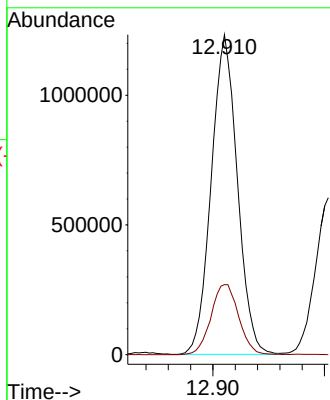
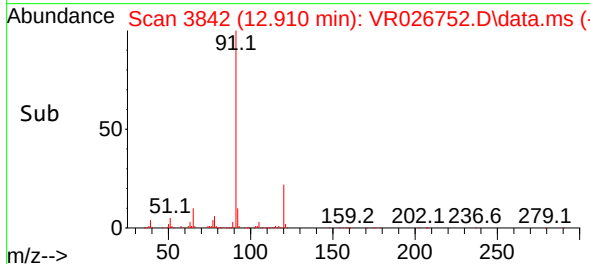
Instrument : MSVOA_R
ClientSampleId : VR0821WBS01



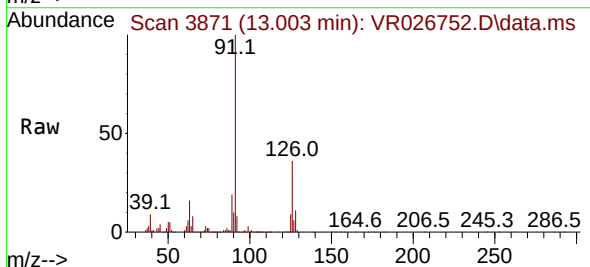
Tgt Ion: 91 Resp: 200134
Ion Ratio Lower Upper
91 100
120 23.3 14.2 42.8

Manual Integrations
APPROVED

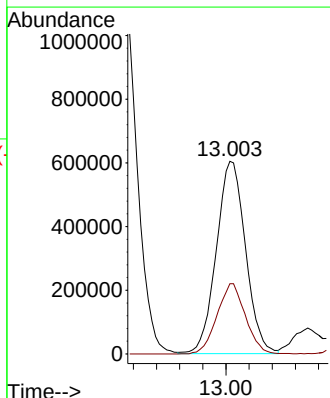
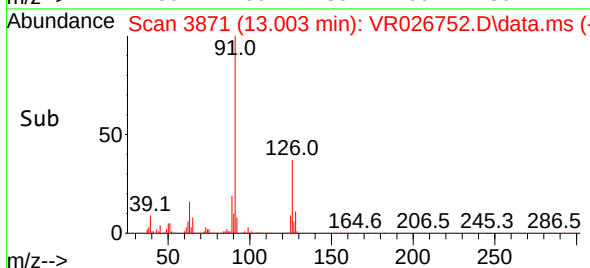
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

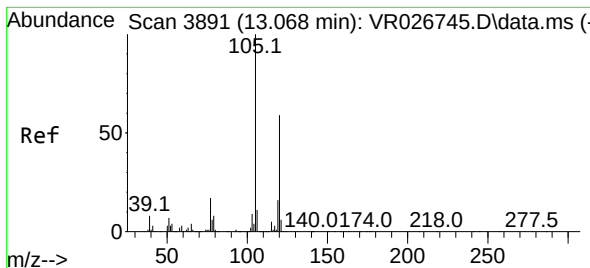


#78
2-Chlorotoluene
Concen: 21.595 ug/l
RT: 13.003 min Scan# 3871
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



Tgt Ion: 91 Resp: 1058913
Ion Ratio Lower Upper
91 100
126 35.6 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 22.355 ug/l

RT: 13.071 min Scan# 3891

Delta R.T. 0.003 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

Tgt Ion:105 Resp: 129290

Ion Ratio Lower Upper

105 100

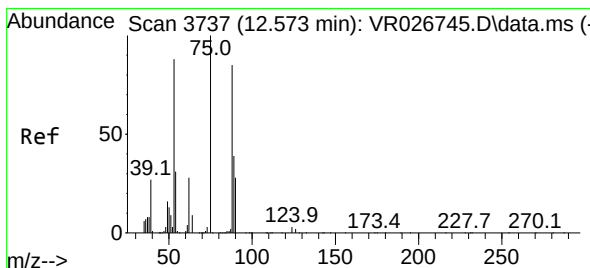
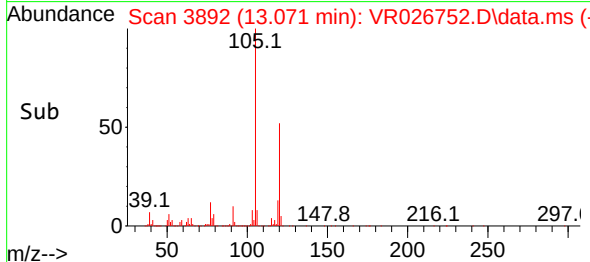
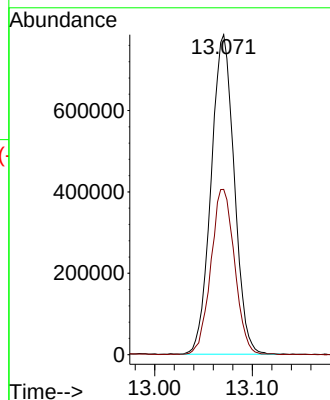
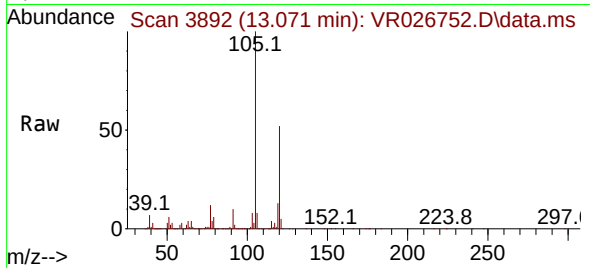
120 53.1 27.8 83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#80

trans-1,4-Dichloro-2-butene

Concen: 17.465 ug/l

RT: 12.577 min Scan# 3738

Delta R.T. 0.004 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

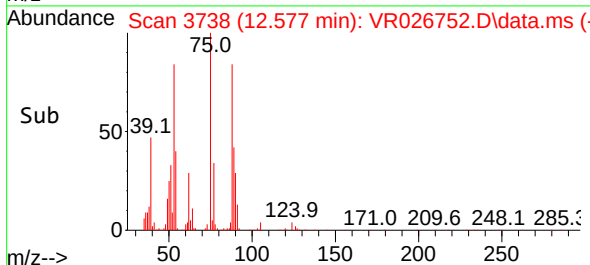
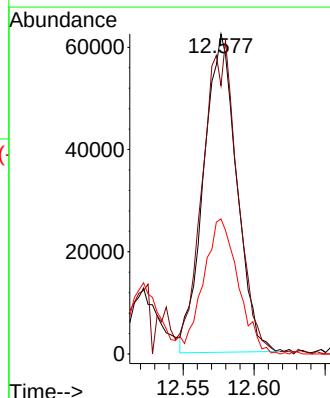
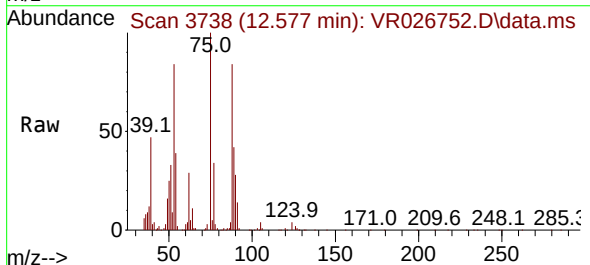
Tgt Ion: 75 Resp: 100673

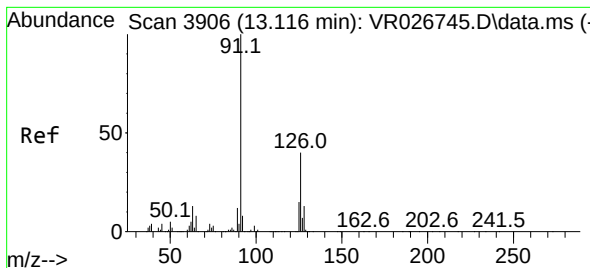
Ion Ratio Lower Upper

75 100

53 104.0 70.9 106.3

89 44.1 33.4 50.0





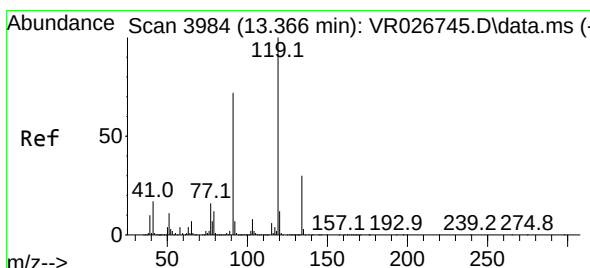
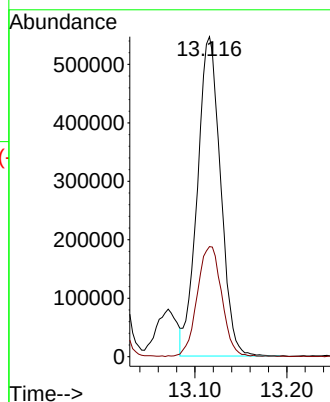
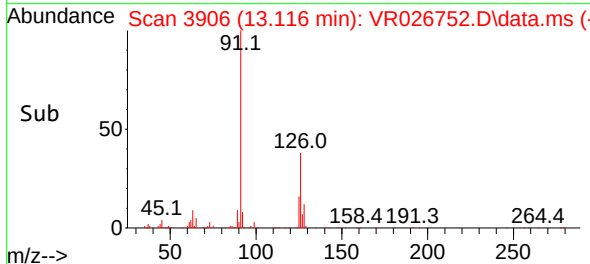
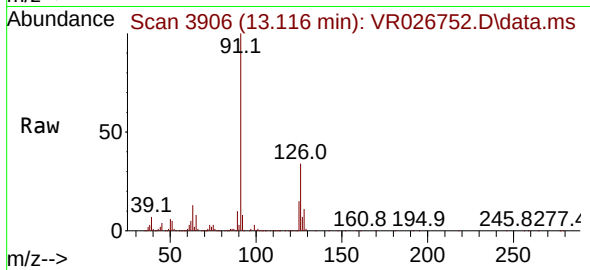
#81
4-Chlorotoluene
Concen: 21.317 ug/l
RT: 13.116 min Scan# 3906
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01

Tgt Ion: 91 Resp: 95774
Ion Ratio Lower Upper
91 100
126 36.3 18.2 54.6

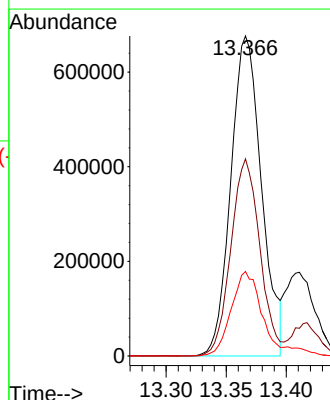
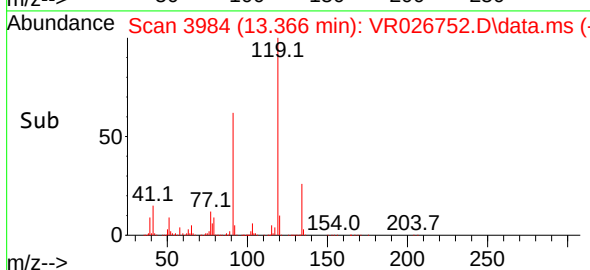
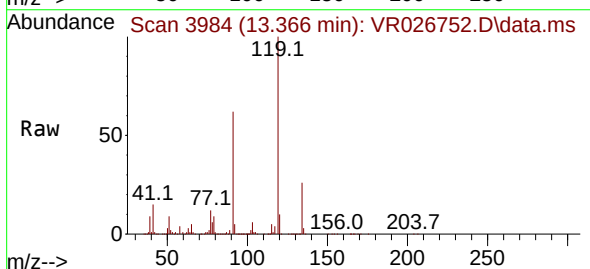
Manual Integrations
APPROVED

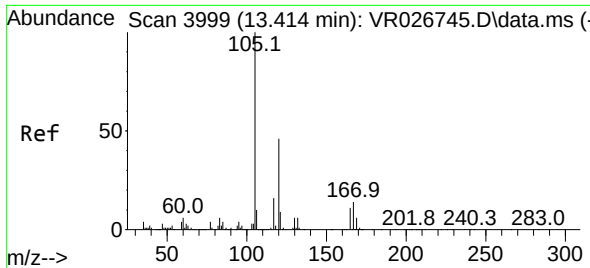
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
tert-Butylbenzene
Concen: 22.223 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

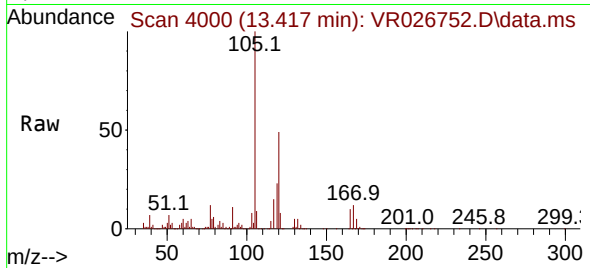
Tgt Ion:119 Resp: 1201582
Ion Ratio Lower Upper
119 100
91 58.7 33.5 100.5
134 27.7 14.9 44.9





#83
1,2,4-Trimethylbenzene
Concen: 21.480 ug/l
RT: 13.417 min Scan# 4000
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

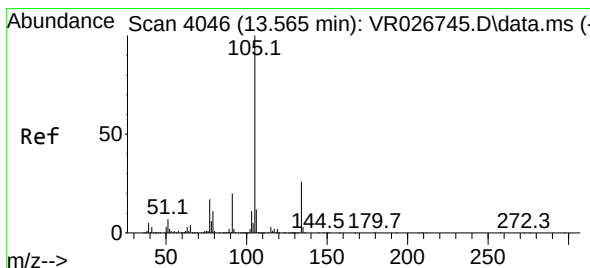
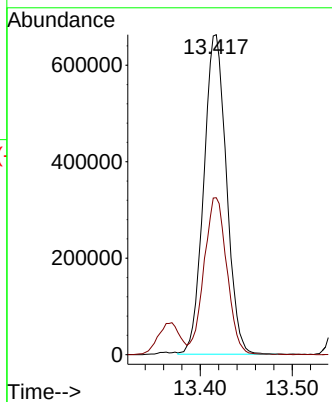
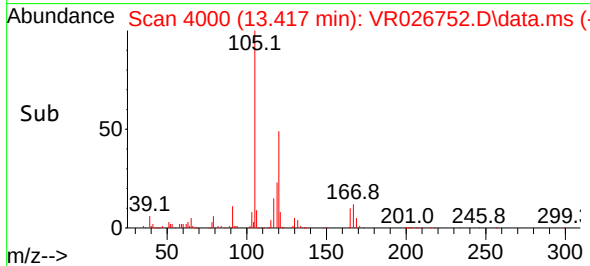
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



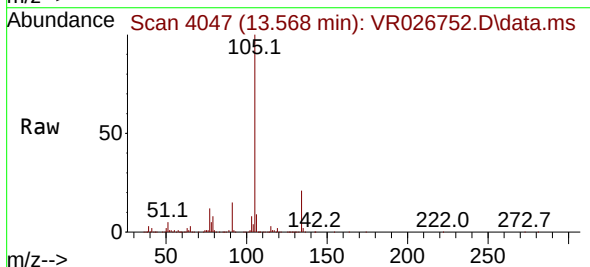
Tgt Ion:105 Resp: 113276
Ion Ratio Lower Upper
105 100
120 49.8 25.3 75.9

Manual Integrations
APPROVED

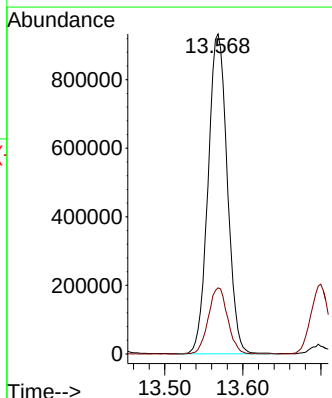
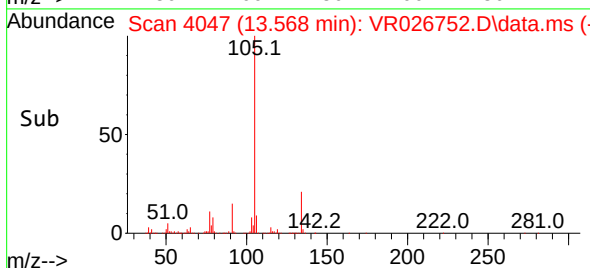
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

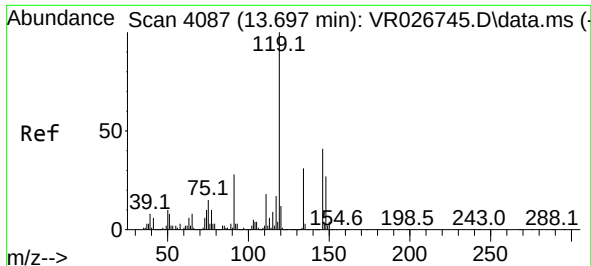


#84
sec-Butylbenzene
Concen: 22.885 ug/l
RT: 13.568 min Scan# 4047
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



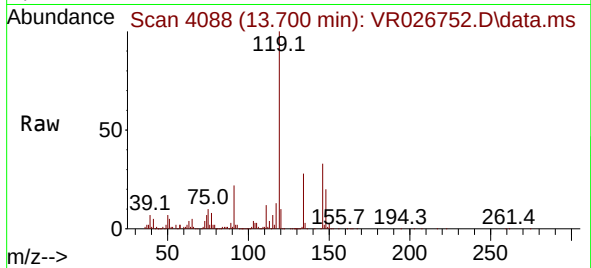
Tgt Ion:105 Resp: 1591599
Ion Ratio Lower Upper
105 100
134 20.8 11.6 34.7





#85
p-Isopropyltoluene
Concen: 21.963 ug/l
RT: 13.700 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

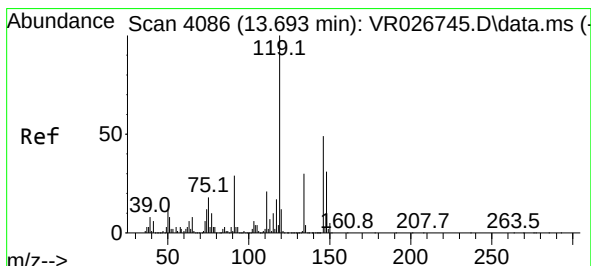
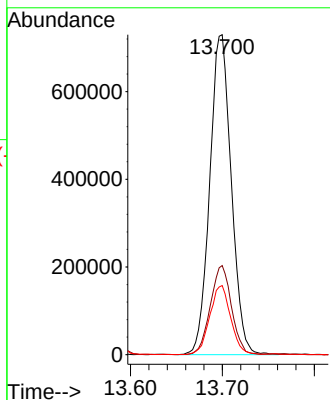
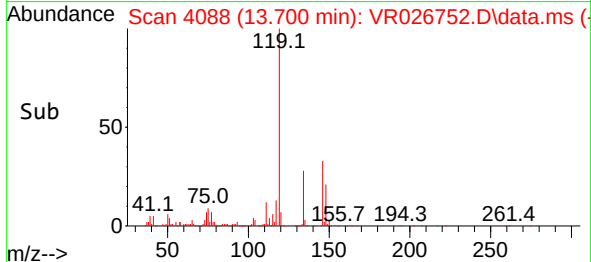
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



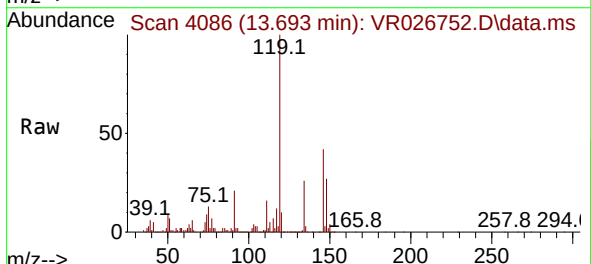
Tgt Ion:119 Resp: 118688
Ion Ratio Lower Upper
119 100
134 27.4 14.4 43.2
91 21.0 12.7 38.0

Manual Integrations
APPROVED

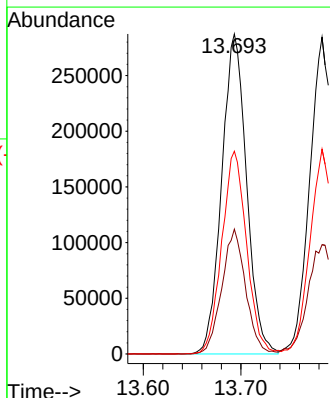
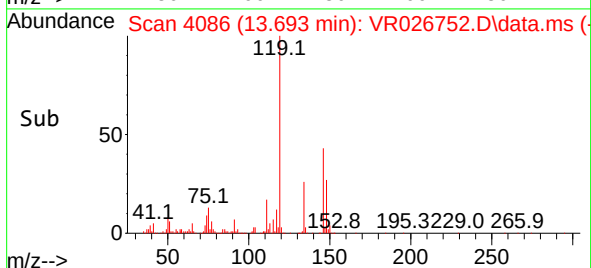
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

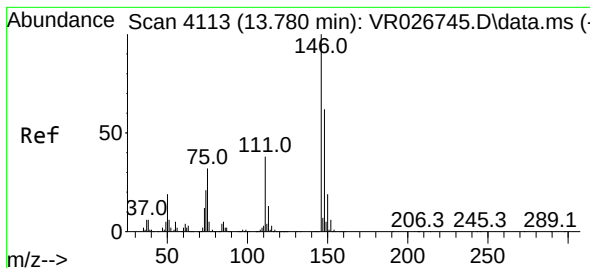


#86
1,3-Dichlorobenzene
Concen: 20.197 ug/l
RT: 13.693 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



Tgt Ion:146 Resp: 508487
Ion Ratio Lower Upper
146 100
111 37.4 20.9 62.7
148 63.4 31.8 95.3





#87

1,4-Dichlorobenzene

Concen: 20.511 ug/l

RT: 13.783 min Scan# 4113

Delta R.T. 0.003 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBS01

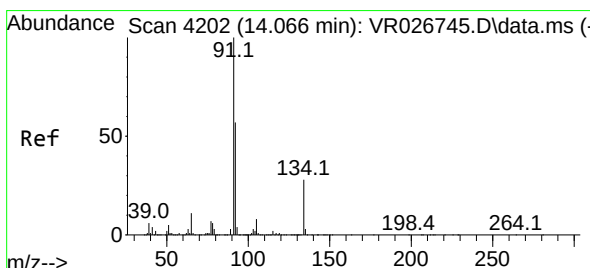
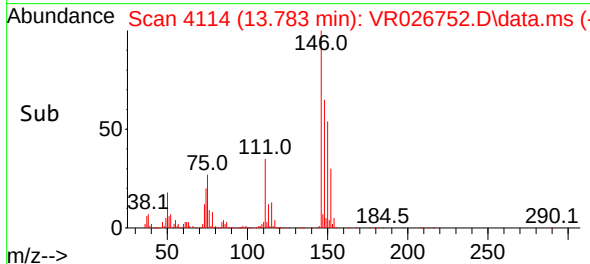
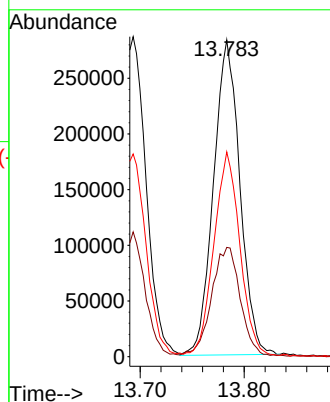
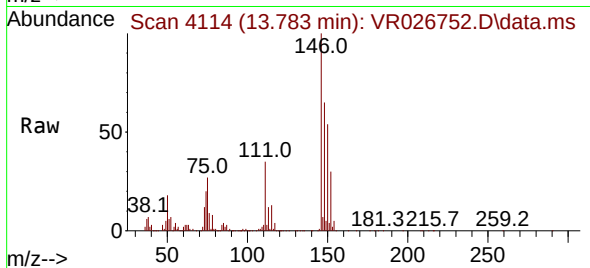
Tgt Ion:146 Resp: 497490

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.6
148	63.7	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#88

n-Butylbenzene

Concen: 21.452 ug/l

RT: 14.066 min Scan# 4202

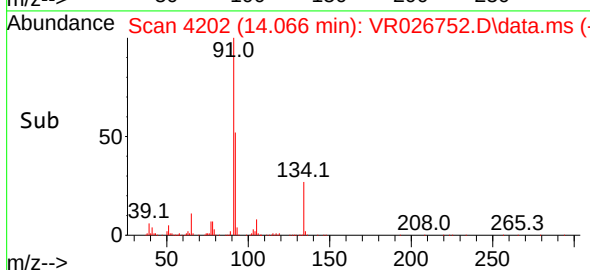
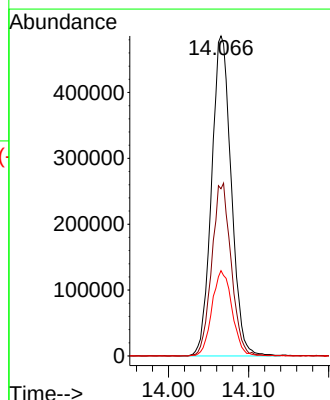
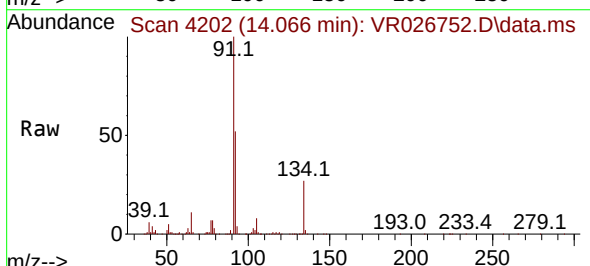
Delta R.T. -0.000 min

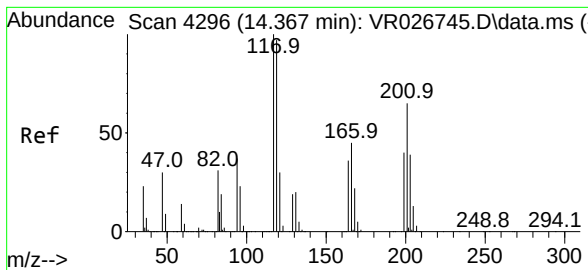
Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Tgt Ion: 91 Resp: 828321

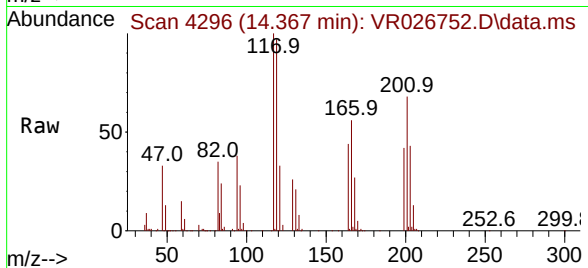
Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.7	83.0
134	27.2	13.5	40.5





#89
Hexachloroethane
Concen: 20.891 ug/l
RT: 14.367 min Scan# 41
Delta R.T. 0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

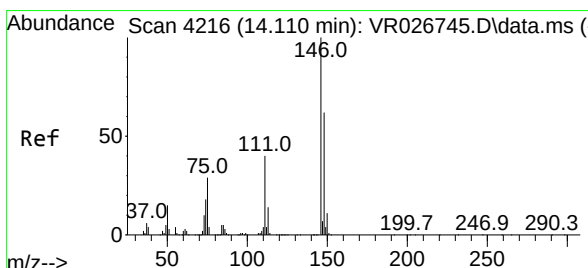
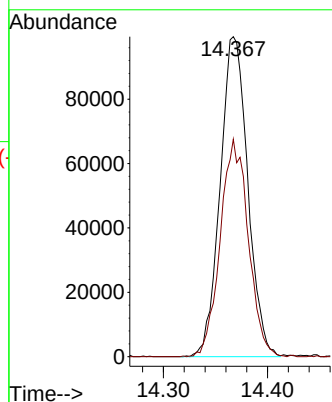
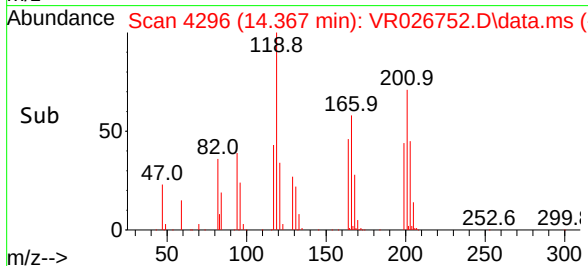
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



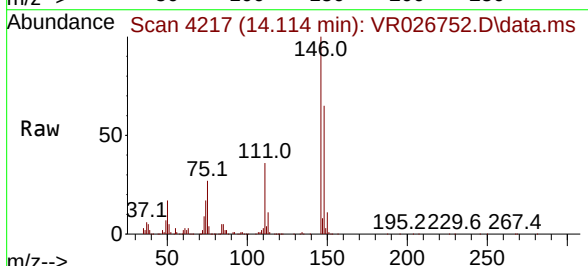
Tgt Ion:117 Resp: 18312
Ion Ratio Lower Upper
117 100
201 68.9 33.3 99.9

Manual Integrations
APPROVED

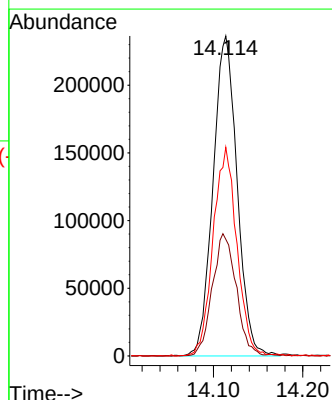
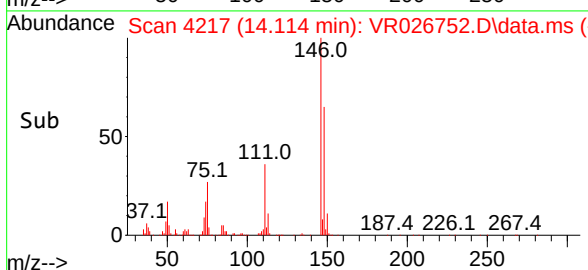
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

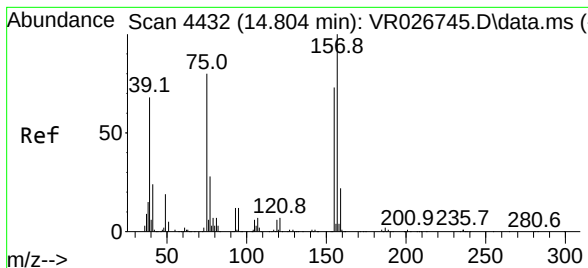


#90
1,2-Dichlorobenzene
Concen: 20.974 ug/l
RT: 14.114 min Scan# 4217
Delta R.T. 0.004 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



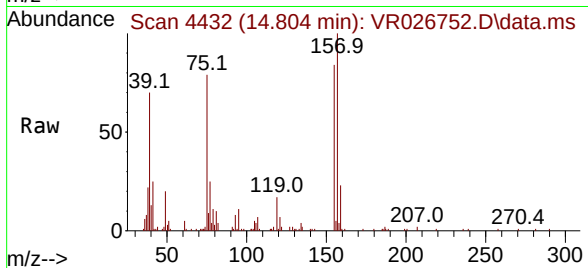
Tgt Ion:146 Resp: 443458
Ion Ratio Lower Upper
146 100
111 37.8 19.9 59.7
148 64.1 31.5 94.5





#91
1,2-Dibromo-3-Chloropropane
Concen: 17.710 ug/l
RT: 14.804 min Scan# 4432
Delta R.T. -0.000 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53

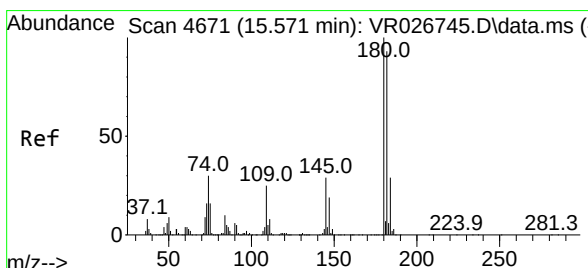
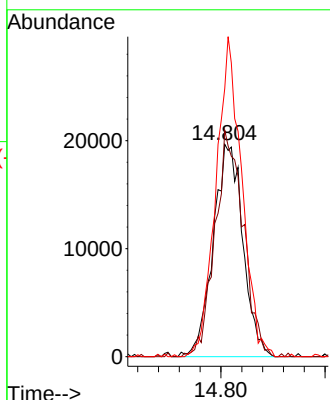
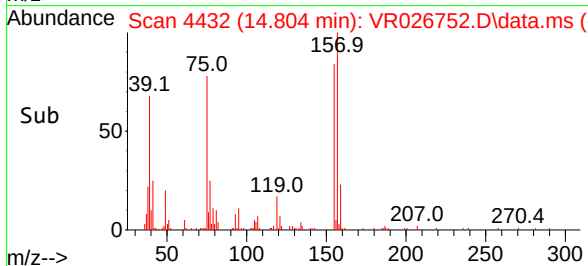
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBS01



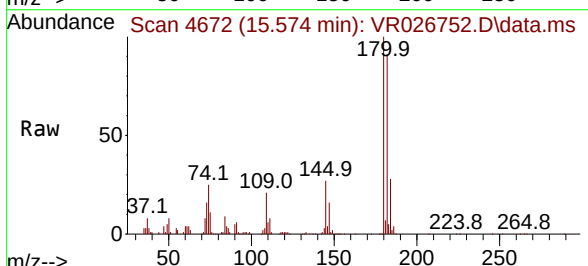
Tgt Ion: 75 Resp: 3893
Ion Ratio Lower Upper
75 100
155 101.3 48.4 145.3
157 131.0 62.3 186.8

Manual Integrations
APPROVED

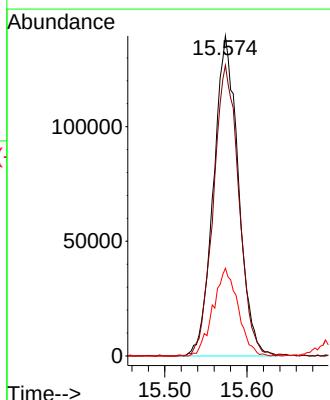
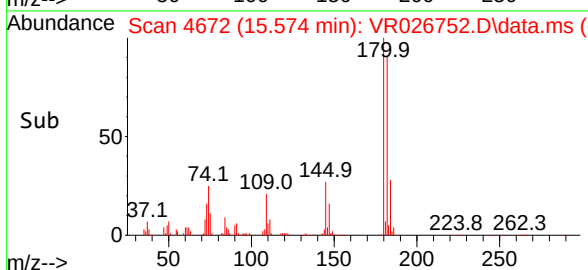
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

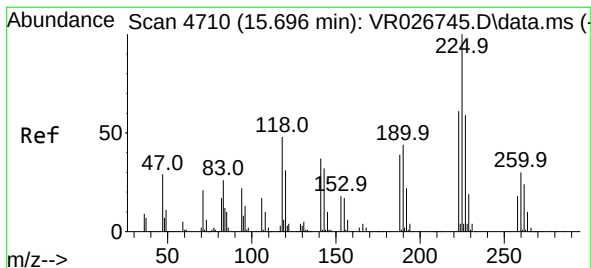


#92
1,2,4-Trichlorobenzene
Concen: 21.093 ug/l
RT: 15.574 min Scan# 4672
Delta R.T. 0.003 min
Lab File: VR026752.D
Acq: 21 Aug 2025 11:53



Tgt Ion:180 Resp: 293004
Ion Ratio Lower Upper
180 100
182 93.0 47.1 141.4
145 27.5 14.4 43.4





#93

Hexachlorobutadiene

Concen: 22.530 ug/l

RT: 15.702 min Scan# 4710

Delta R.T. 0.006 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

Instrument :

MSVOA_R

ClientSampleId :

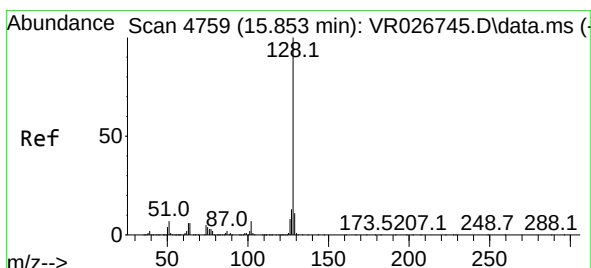
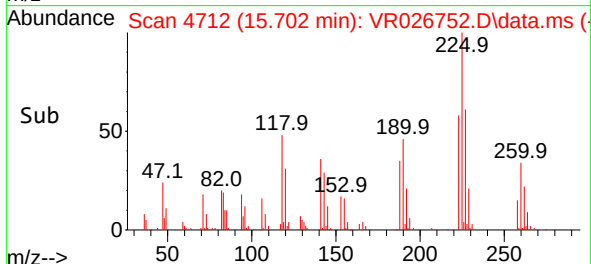
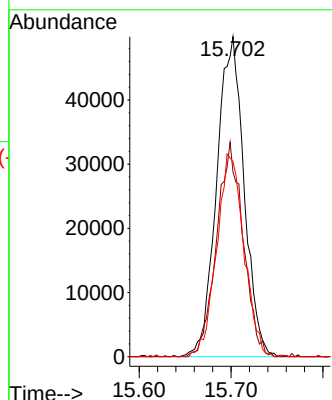
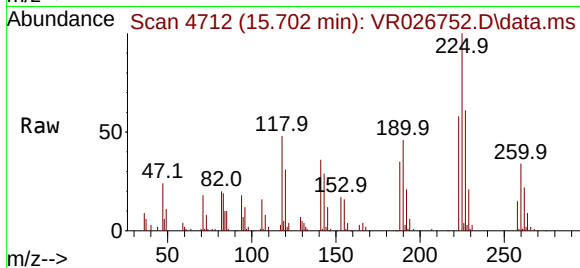
VR0821WBS01

Tgt Ion:	225	Resp:	103150
Ion Ratio	Lower	Upper	
225	100		
223	65.0	31.5	94.5
227	63.1	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#94

Naphthalene

Concen: 17.034 ug/l

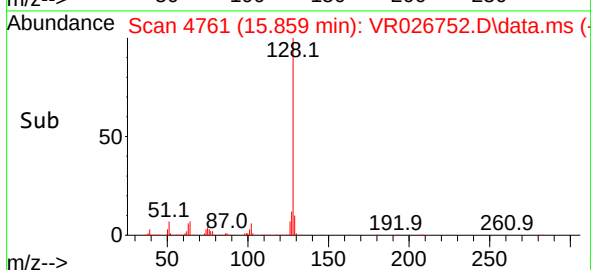
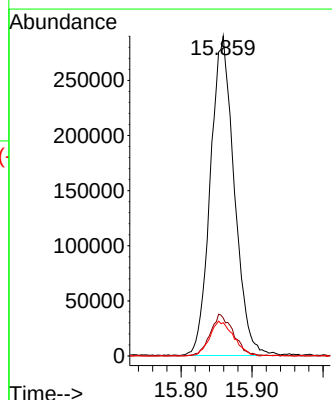
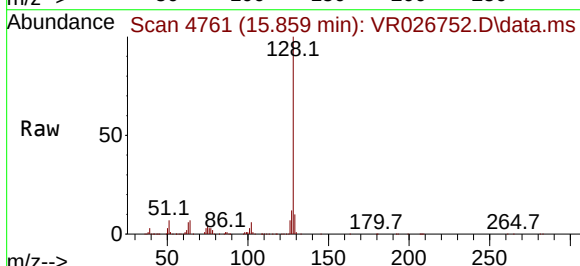
RT: 15.859 min Scan# 4761

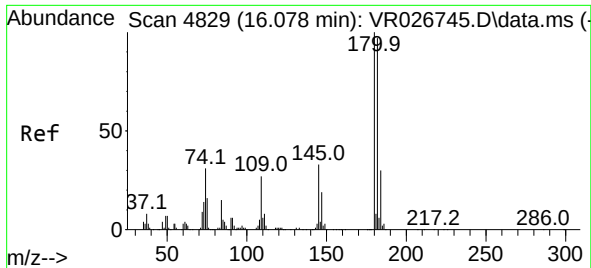
Delta R.T. 0.006 min

Lab File: VR026752.D

Acq: 21 Aug 2025 11:53

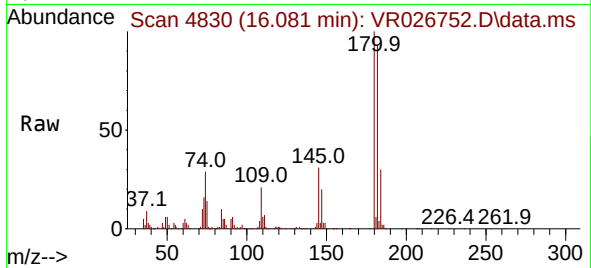
Tgt Ion:	128	Resp:	676601
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	11.0	8.7	13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 19.987 ug/l
 RT: 16.081 min Scan# 4830
 Delta R.T. 0.003 min
 Lab File: VR026752.D
 Acq: 21 Aug 2025 11:53

Instrument : MSVOA_R
 ClientSampleId : VR0821WBS01



Tgt Ion:180 Resp: 269408
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.5 142.6
 145 30.5 15.6 46.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

