

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026753.D
 Acq On : 21 Aug 2025 12:19
 Operator : SY/MD
 Sample : VR0821WBSD01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBSD01

Quant Time: Aug 22 06:54:27 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	7.385	168	1897349	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.392	114	3133795	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.563	117	2412267	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	723567	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.770	65	1189329	49.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.820%		
34) Dibromofluoromethane	7.295	113	1006717	49.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
49) Toluene-d8	10.074	98	3592663	52.432	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.860%		
61) 4-Bromofluorobenzene	12.695	95	951473	48.940	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.824	85	401123	22.372	ug/l	95
3) Chloromethane	1.824	50	45421	21.292	ug/l #	99
4) Vinyl Chloride	2.128	62	631538	21.407	ug/l	97
5) Bromomethane	2.462	94	313039	34.562	ug/l	97
6) Chloroethane	2.590	64	395834	23.513	ug/l	98
7) Trichlorofluoromethane	2.879	101	1186536	20.748	ug/l	98
8) Diethyl Ether	3.235	74	380178	20.782	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.547	101	482940	21.133	ug/l	98
10) Methyl Iodide	3.717	142	520790	21.443	ug/l	98
11) Tert butyl alcohol	4.497	59	281990	76.983	ug/l #	85
12) 1,1-Dichloroethene	3.527	96	511861	20.641	ug/l	98
13) Acrolein	3.412	56	185764	73.372	ug/l	95
14) Allyl chloride	4.054	41	921680	20.167	ug/l	100
15) Acrylonitrile	4.663	53	1437213	91.740	ug/l	98
16) Acetone	3.608	43	1144911	90.777	ug/l	97
17) Carbon Disulfide	3.807	76	1312083	21.785	ug/l	99
18) Methyl Acetate	4.060	43	669631	18.225	ug/l	99
19) Methyl tert-butyl Ether	4.715	73	1602379	20.373	ug/l	99
20) Methylene Chloride	4.259	84	569122	21.155	ug/l	97
21) trans-1,2-Dichloroethene	4.702	96	532281	20.529	ug/l	96
22) Diisopropyl ether	5.613	45	2008051	21.357	ug/l	96
23) Vinyl Acetate	5.546	43	7494190	120.181	ug/l #	75
24) 1,1-Dichloroethane	5.491	63	950533	20.544	ug/l	98
25) 2-Butanone	6.499	43	1772484	90.513	ug/l	93
26) 2,2-Dichloropropane	6.476	77	659313	20.801	ug/l	98
27) cis-1,2-Dichloroethene	6.476	96	593609	20.228	ug/l	97
28) Bromochloromethane	6.865	49	256676	18.745	ug/l	99
29) Chloroform	7.057	83	855909	20.590	ug/l	100
30) Cyclohexane	7.378	56	1000096	20.497	ug/l	97
31) 1,1,1-Trichloroethane	7.275	97	704479	20.870	ug/l	99
35) 1,1-Dichloropropene	7.523	75	625926	19.665	ug/l	100
36) Ethyl Acetate	6.602	43	651580	16.001	ug/l	98
37) Carbon Tetrachloride	7.500	117	546547	19.081	ug/l	96
38) Methylcyclohexane	8.944	83	813436	20.423	ug/l	100
39) Benzene	7.789	78	2144169	21.943	ug/l	90
40) Methacrylonitrile	6.842	41	365052	17.189	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.876	62	529940	19.560	ug/l	98
42) Isopropyl Acetate	7.943	43	1086808	18.826	ug/l	97
43) Trichloroethene	8.668	130	410819	19.271	ug/l	98
44) 1,2-Dichloropropane	8.979	63	455898	19.489	ug/l	97
45) Dibromomethane	9.076	93	280522	18.877	ug/l	98
46) Bromodichloromethane	9.294	83	542227	19.602	ug/l	99
47) Methyl methacrylate	9.082	41	500507	17.763	ug/l	99
48) 1,4-Dioxane	9.082	88	118369	327.015	ug/l	98
50) 4-Methyl-2-Pentanone	9.961	43	3035122	106.344	ug/l #	74
51) Toluene	10.144	92	1158767	20.767	ug/l	85
52) t-1,3-Dichloropropene	10.401	75	512328	19.555	ug/l	97
53) cis-1,3-Dichloropropene	9.788	75	619634	19.495	ug/l	98
54) 1,1,2-Trichloroethane	10.600	97	377044	19.037	ug/l	95
55) Ethyl methacrylate	10.465	69	654868	19.223	ug/l	99
56) 1,3-Dichloropropane	10.767	76	653203	19.567	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.628	63	87093	47.711	ug/l	100
58) 2-Hexanone	10.825	43	1863766	95.541	ug/l	84
59) Dibromochloromethane	10.985	129	355177	19.066	ug/l	98
60) 1,2-Dibromoethane	11.104	107	330003	18.436	ug/l	98
63) Tetrachloroethene	10.687	164	332062	19.592	ug/l	97
64) Chlorobenzene	11.591	112	1138013	21.200	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.678	131	339848	18.856	ug/l	98
66) Ethyl Benzene	11.685	91	2077423	23.146	ug/l #	75
67) m/p-Xylenes	11.810	106	1588493	42.296	ug/l #	71
68) o-Xylene	12.182	106	754054	19.815	ug/l	89
69) Styrene	12.198	104	1161253	20.736	ug/l	91
70) Bromoform	12.378	173	189747	19.524	ug/l #	99
72) Isopropylbenzene	12.522	105	1840017	23.427	ug/l	91
73) N-amyl acetate	12.323	43	533953	18.830	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.804	83	441300	19.628	ug/l	99
75) 1,2,3-Trichloropropane	12.865	75	332994m	18.669	ug/l	
76) Bromobenzene	12.836	156	349822	20.348	ug/l	91
77) n-propylbenzene	12.910	91	2017607	23.961	ug/l	91
78) 2-Chlorotoluene	13.003	91	1061445	21.345	ug/l	99
79) 1,3,5-Trimethylbenzene	13.071	105	1333277	22.732	ug/l	94
80) trans-1,4-Dichloro-2-b...	12.580	75	107678	18.420	ug/l	95
81) 4-Chlorotoluene	13.116	91	966590	21.214	ug/l	100
82) tert-Butylbenzene	13.366	119	1219337	22.237	ug/l	92
83) 1,2,4-Trimethylbenzene	13.417	105	1153019	21.560	ug/l	97
84) sec-Butylbenzene	13.568	105	1618350	22.946	ug/l	95
85) p-Isopropyltoluene	13.696	119	1202439	21.940	ug/l	94
86) 1,3-Dichlorobenzene	13.693	146	515977	20.209	ug/l	97
87) 1,4-Dichlorobenzene	13.783	146	508317	20.665	ug/l	99
88) n-Butylbenzene	14.066	91	850580	21.721	ug/l	99
89) Hexachloroethane	14.364	117	186462	20.976	ug/l	95
90) 1,2-Dichlorobenzene	14.110	146	451018	21.035	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.807	75	43220	19.387	ug/l	98
92) 1,2,4-Trichlorobenzene	15.577	180	301082	21.372	ug/l	99
93) Hexachlorobutadiene	15.696	225	102843	22.148	ug/l	98
94) Naphthalene	15.856	128	849928	21.100	ug/l	100
95) 1,2,3-Trichlorobenzene	16.084	180	292980	21.433	ug/l	98

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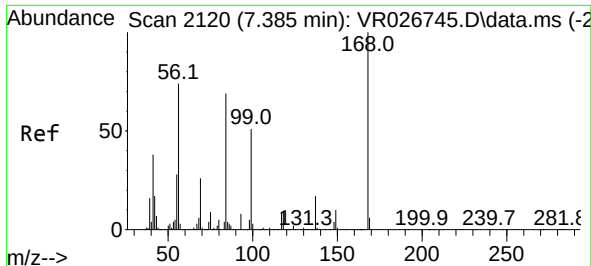
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/25/2025

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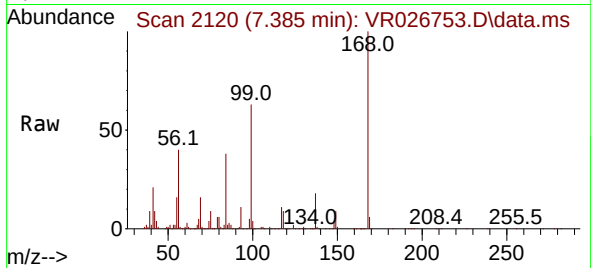
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.385 min Scan# 2120
Delta R.T. -0.000 min
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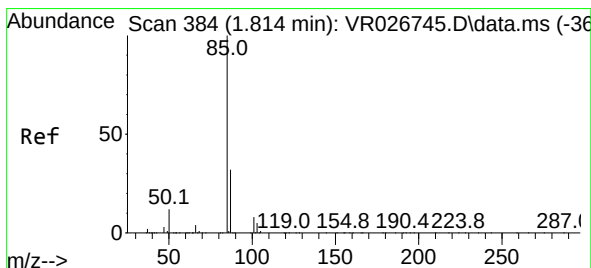
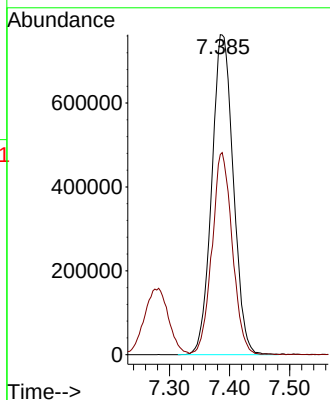
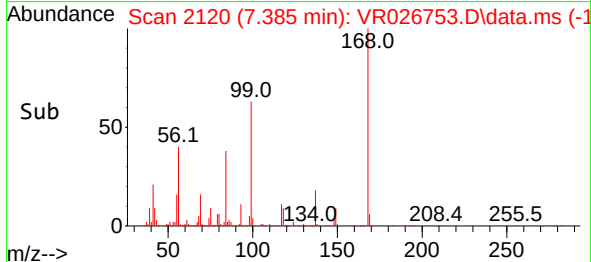
Instrument :
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VR0821WBSD01



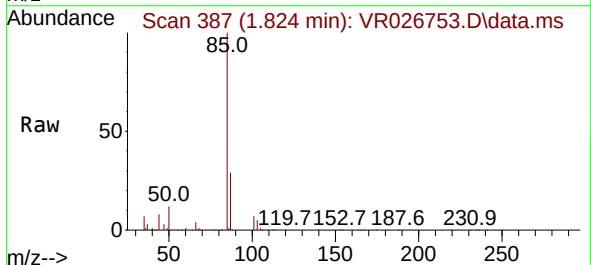
Tgt Ion:168 Resp: 1897349
Ion Ratio Lower Upper
168 100
99 62.4 47.1 70.7

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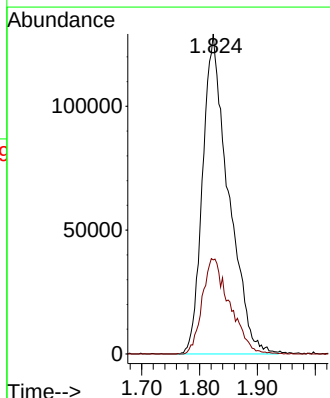
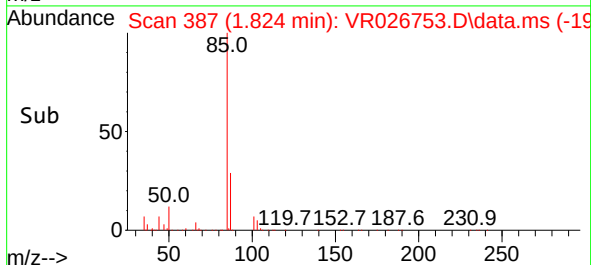
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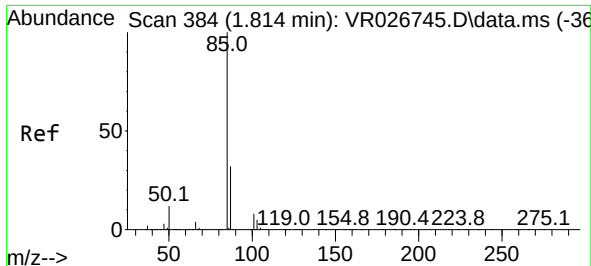


#2
Dichlorodifluoromethane
Concen: 22.372 ug/l
RT: 1.824 min Scan# 387
Delta R.T. 0.010 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



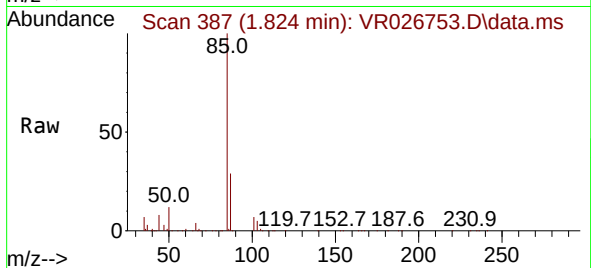
Tgt Ion: 85 Resp: 401123
Ion Ratio Lower Upper
85 100
87 29.3 16.1 48.2





#3
Chloromethane
Concen: 21.292 ug/l
RT: 1.824 min Scan# 384
Delta R.T. 0.010 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

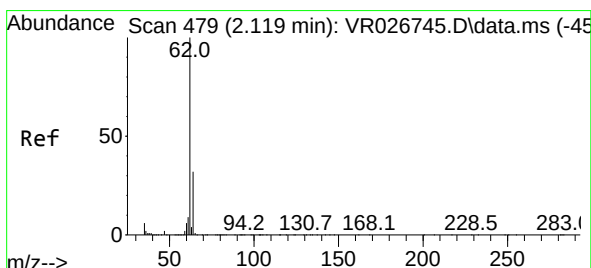
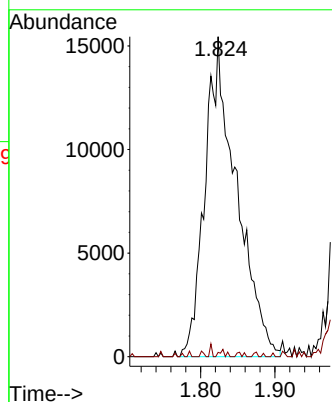
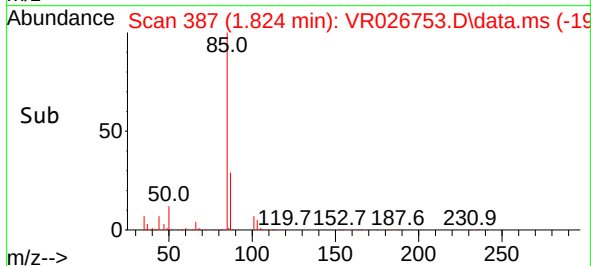
Instrument :
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ClientSampleId :
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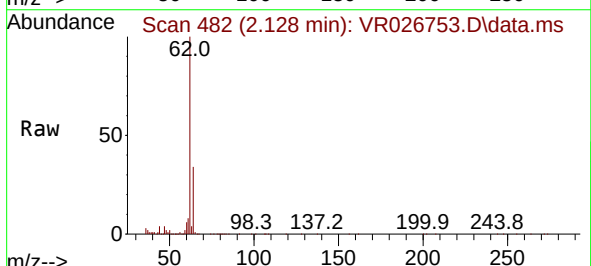
Tgt Ion: 50 Resp: 4542
Ion Ratio Lower Upper
50 100
52 1.4 0.6 1.0

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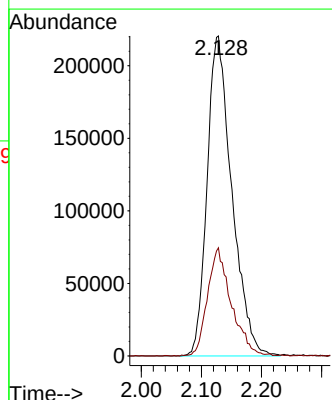
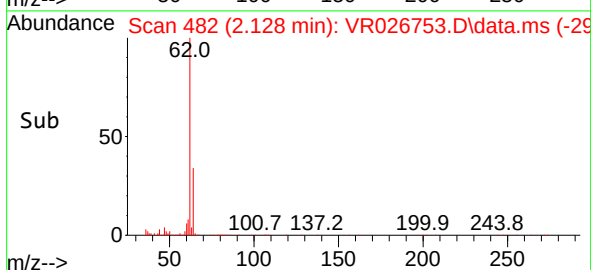
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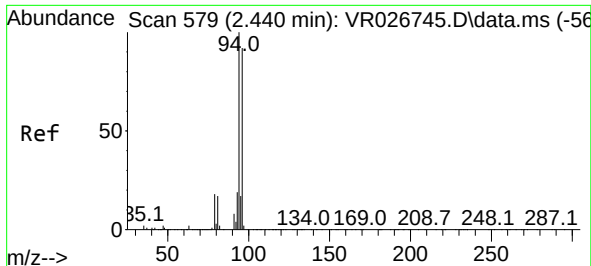


#4
Vinyl Chloride
Concen: 21.407 ug/l
RT: 2.128 min Scan# 482
Delta R.T. 0.009 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



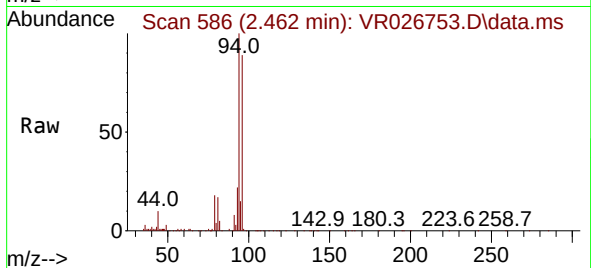
Tgt Ion: 62 Resp: 631538
Ion Ratio Lower Upper
62 100
64 33.8 25.5 38.3





#5
Bromomethane
Concen: 34.562 ug/l
RT: 2.462 min Scan# 51
Delta R.T. 0.022 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

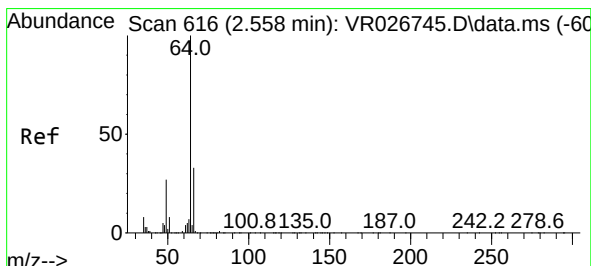
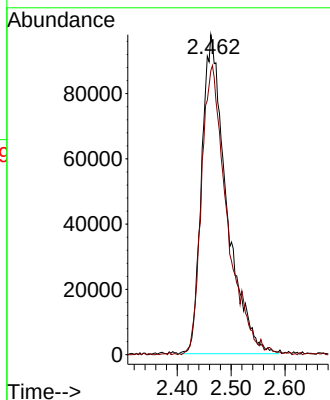
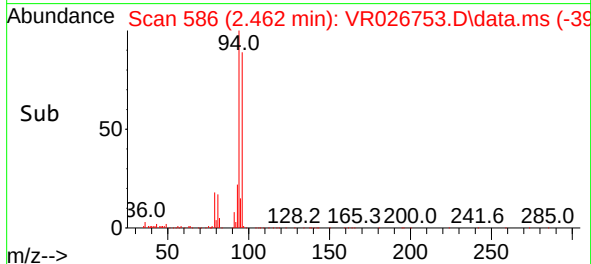
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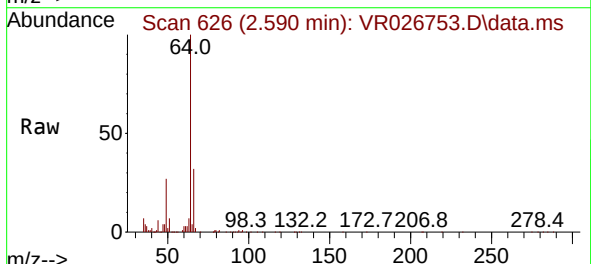
Tgt Ion: 94 Resp: 313039
Ion Ratio Lower Upper
94 100
96 89.0 73.8 110.6

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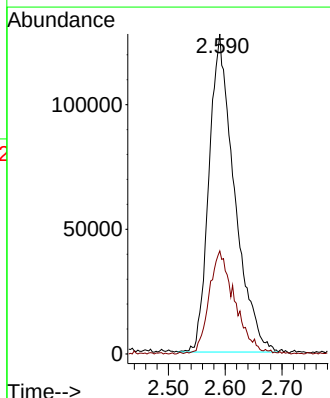
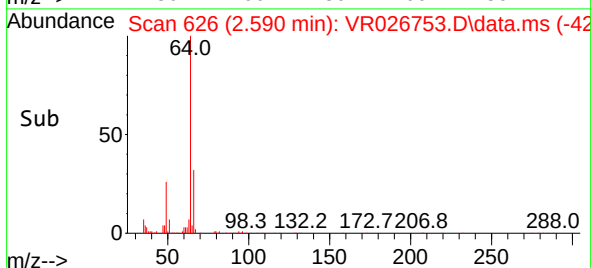
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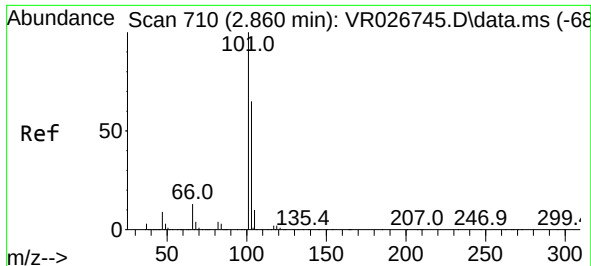


#6
Chloroethane
Concen: 23.513 ug/l
RT: 2.590 min Scan# 626
Delta R.T. 0.032 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



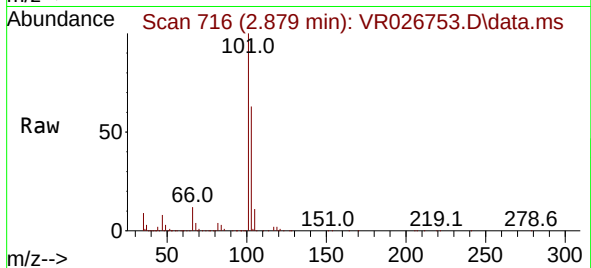
Tgt Ion: 64 Resp: 395834
Ion Ratio Lower Upper
64 100
66 32.1 26.6 40.0





#7
Trichlorofluoromethane
Concen: 20.748 ug/l
RT: 2.879 min Scan# 710
Delta R.T. 0.019 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

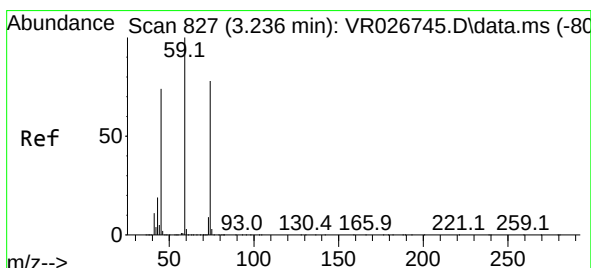
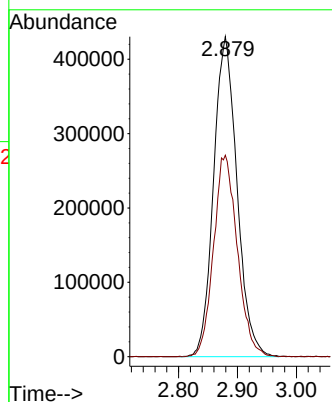
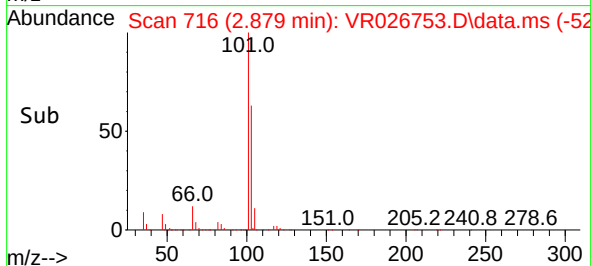
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion:101 Resp: 118653
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8

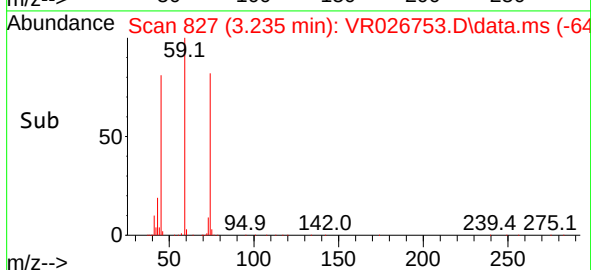
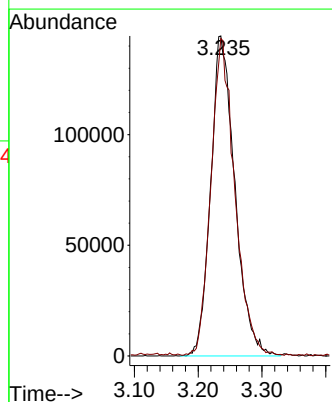
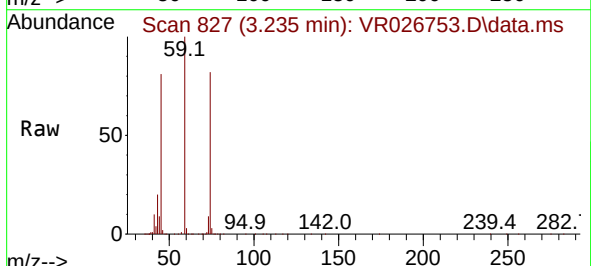
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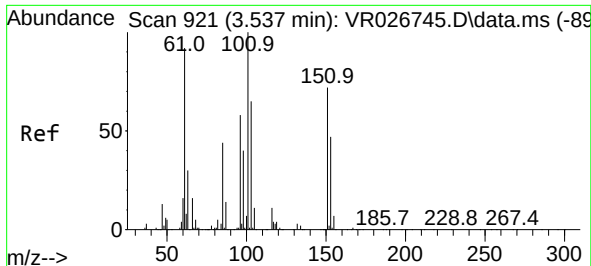
Reviewed By :Semsettin Yesilyurt 08/25/2025
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#8
Diethyl Ether
Concen: 20.782 ug/l
RT: 3.235 min Scan# 827
Delta R.T. -0.000 min
Lab File: VR026753.D
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Tgt Ion: 74 Resp: 380178
Ion Ratio Lower Upper
74 100
45 97.8 47.5 142.6





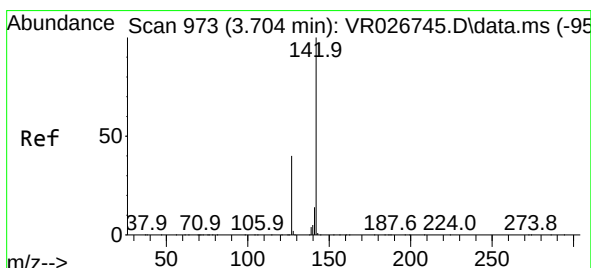
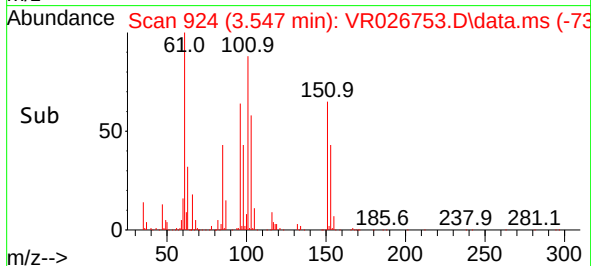
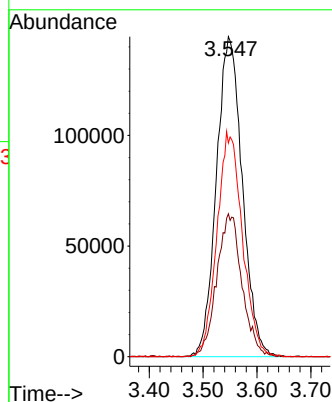
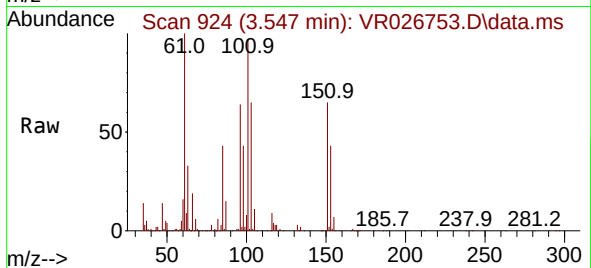
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.133 ug/l
RT: 3.547 min Scan# 910
Delta R.T. 0.010 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01

Tgt Ion:101 Resp: 482940
Ion Ratio Lower Upper
101 100
85 43.5 35.4 53.0
151 69.2 57.2 85.8

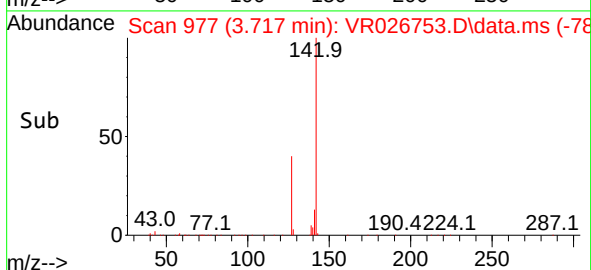
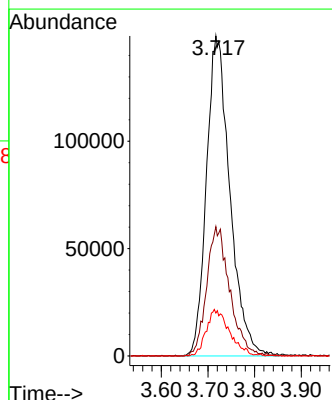
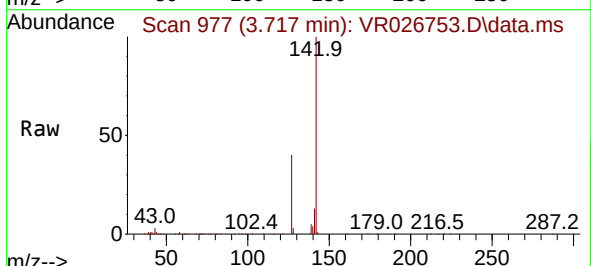
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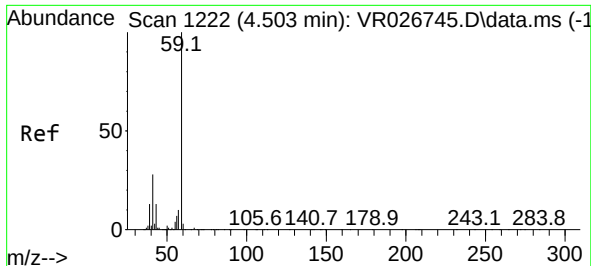
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 21.443 ug/l
RT: 3.717 min Scan# 977
Delta R.T. 0.013 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

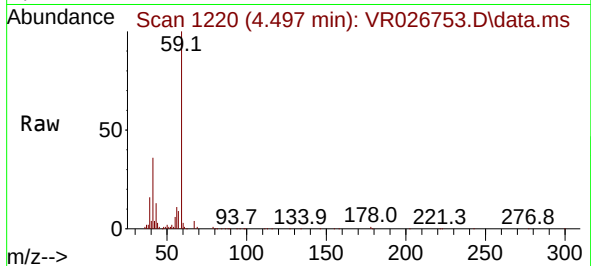
Tgt Ion:142 Resp: 520790
Ion Ratio Lower Upper
142 100
127 39.7 31.0 46.4
141 14.4 10.9 16.3





#11
Tert butyl alcohol
Concen: 76.983 ug/l
RT: 4.497 min Scan# 11
Delta R.T. -0.006 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

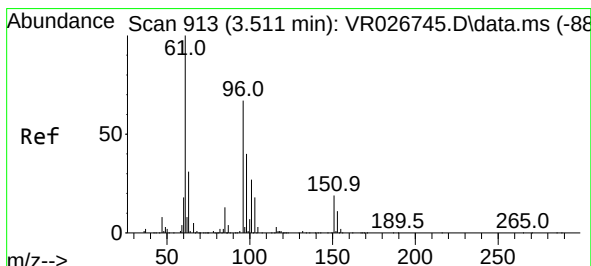
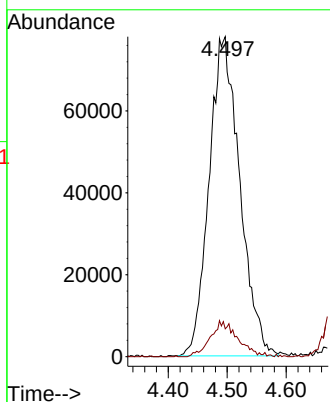
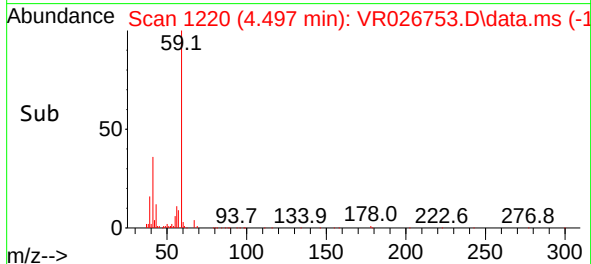
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



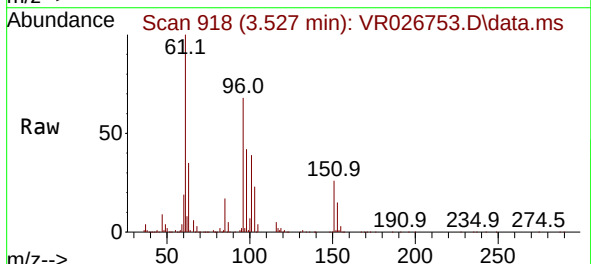
Tgt Ion: 59 Resp: 281990
Ion Ratio Lower Upper
59 100
57 9.8 3.8 5.8

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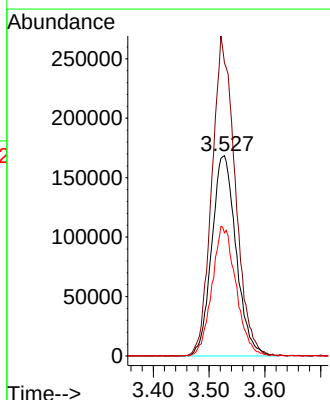
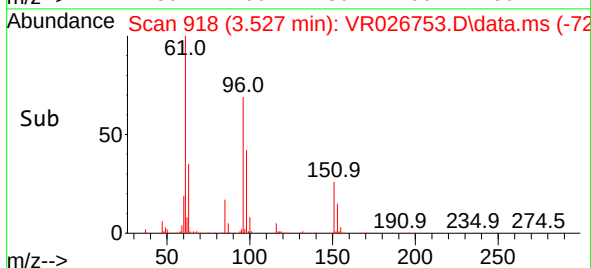
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

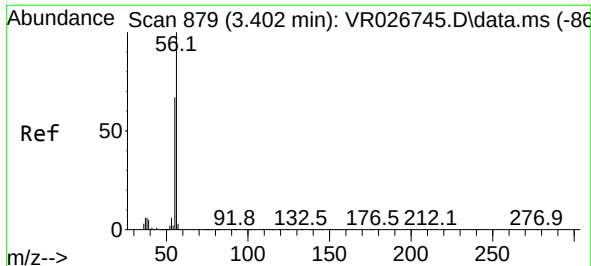


#12
1,1-Dichloroethene
Concen: 20.641 ug/l
RT: 3.527 min Scan# 918
Delta R.T. 0.016 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



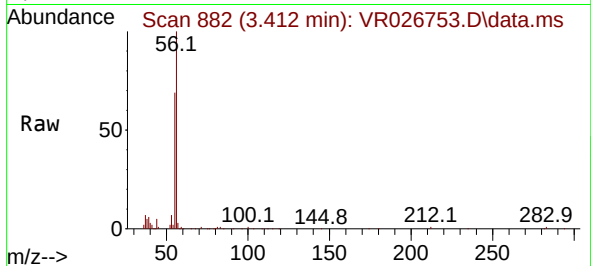
Tgt Ion: 96 Resp: 511861
Ion Ratio Lower Upper
96 100
61 146.2 118.7 178.1
98 61.4 47.7 71.5





#13
Acrolein
Concen: 73.372 ug/l
RT: 3.412 min Scan# 81
Delta R.T. 0.010 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

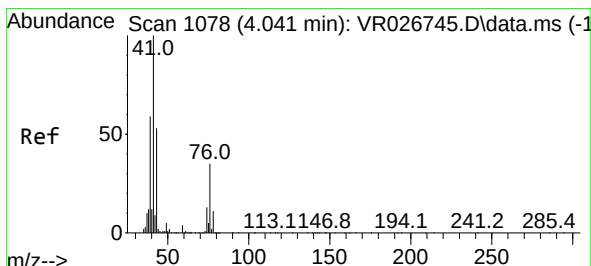
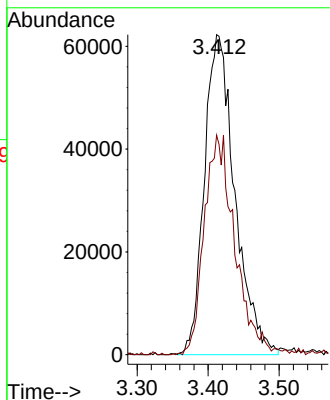
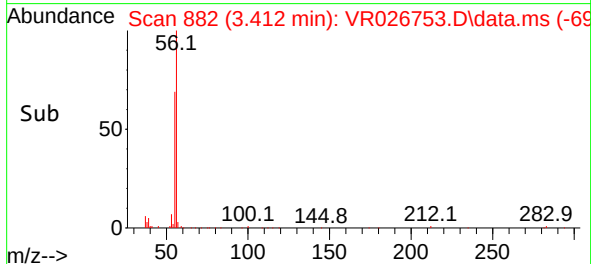
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion: 56 Resp: 185764
Ion Ratio Lower Upper
56 100
55 67.1 56.9 85.3

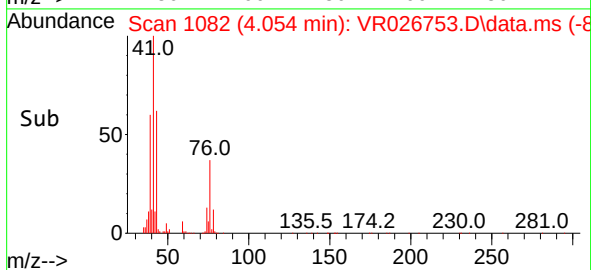
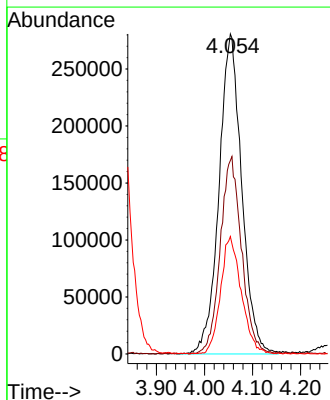
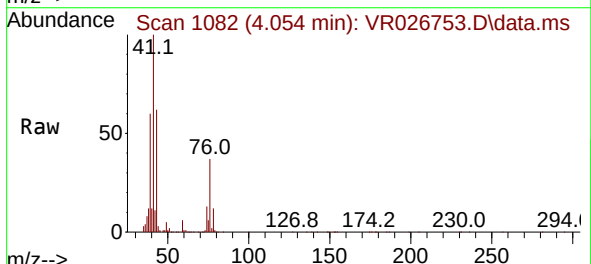
Manual Integrations
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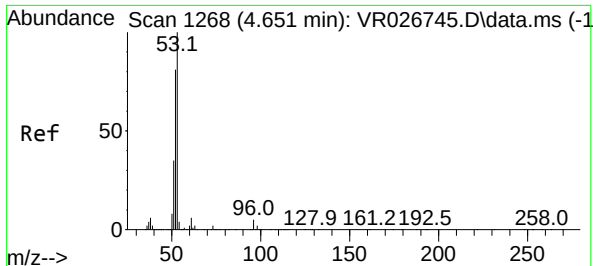
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#14
Allyl chloride
Concen: 20.167 ug/l
RT: 4.054 min Scan# 1082
Delta R.T. 0.013 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Tgt Ion: 41 Resp: 921680
Ion Ratio Lower Upper
41 100
39 57.3 45.8 68.6
76 33.5 26.4 39.6





#15

Acrylonitrile

Concen: 91.740 ug/l

RT: 4.663 min Scan# 11

Delta R.T. 0.012 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion: 53 Resp: 143721

Ion Ratio Lower Upper

53 100

52 80.4 65.7 98.5

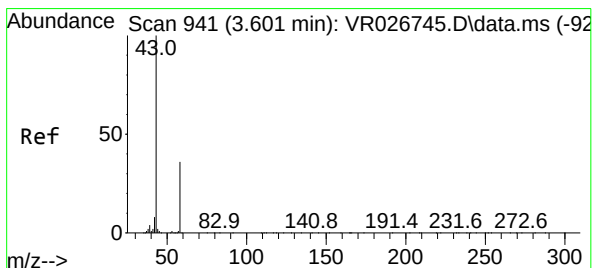
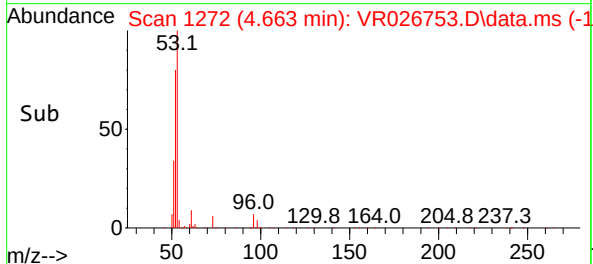
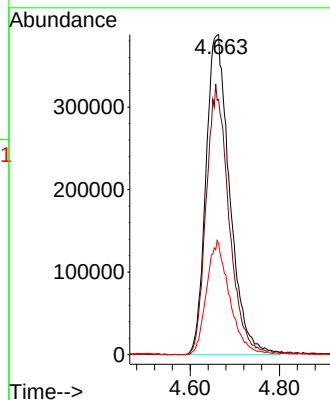
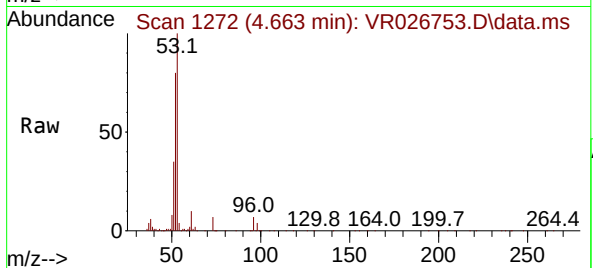
51 34.3 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#16

Acetone

Concen: 90.777 ug/l

RT: 3.608 min Scan# 943

Delta R.T. 0.007 min

Lab File: VR026753.D

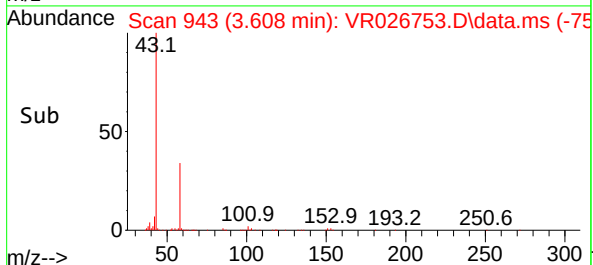
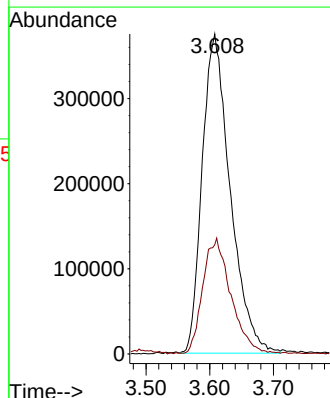
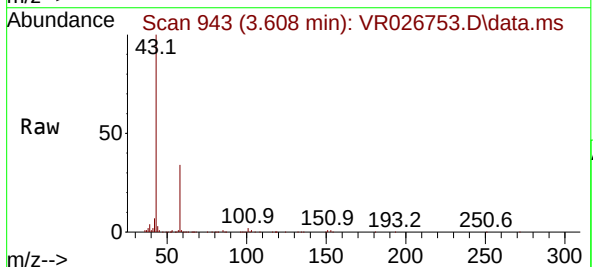
Acq: 21 Aug 2025 12:19

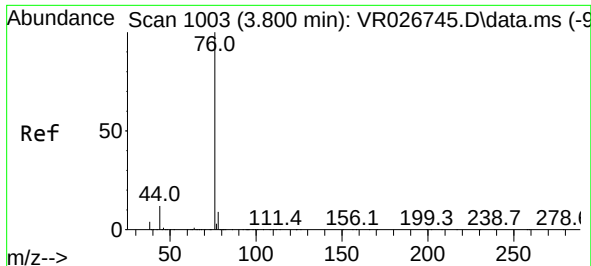
Tgt Ion: 43 Resp: 1144911

Ion Ratio Lower Upper

43 100

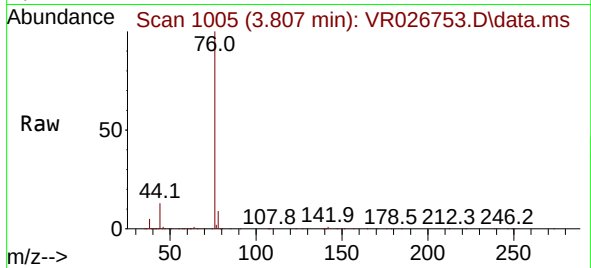
58 34.0 28.6 43.0





#17
Carbon Disulfide
Concen: 21.785 ug/l
RT: 3.807 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

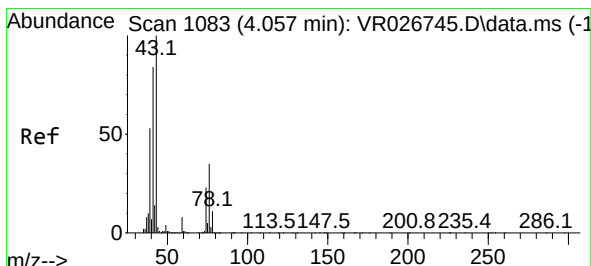
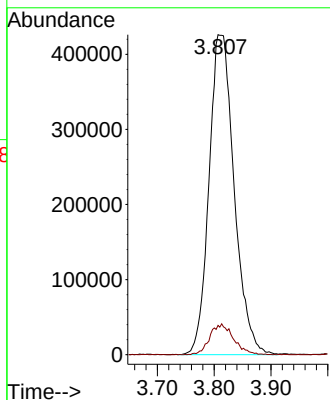
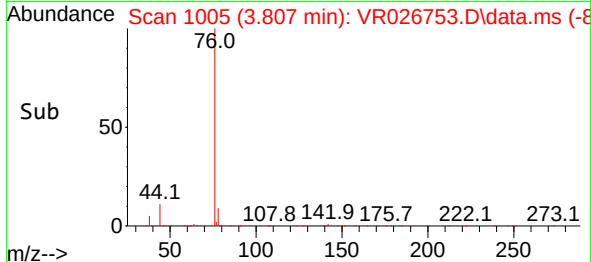
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion: 76 Resp: 131208
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

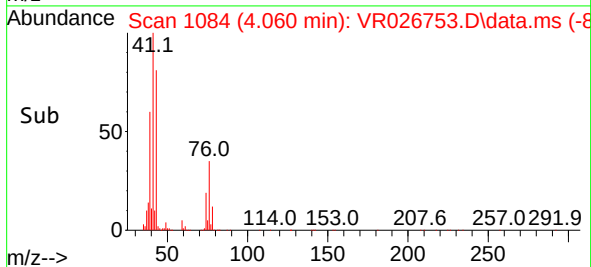
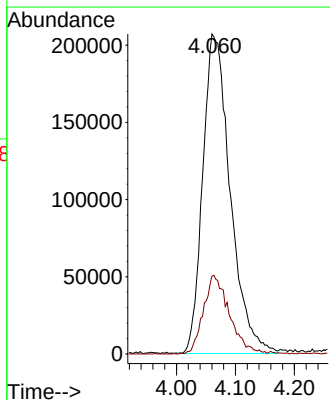
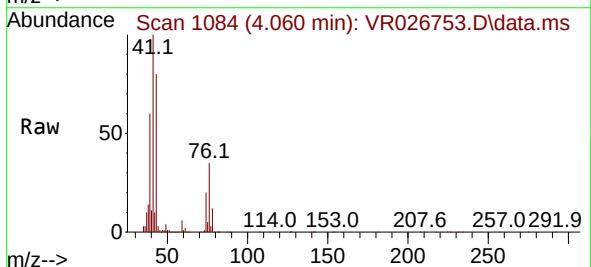
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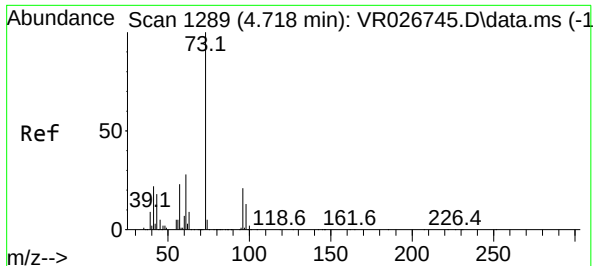
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 18.225 ug/l
RT: 4.060 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Tgt Ion: 43 Resp: 669631
Ion Ratio Lower Upper
43 100
74 23.2 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 20.373 ug/l

RT: 4.715 min Scan# 11

Delta R.T. -0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion: 73 Resp: 1602379

Ion Ratio Lower Upper

73 100

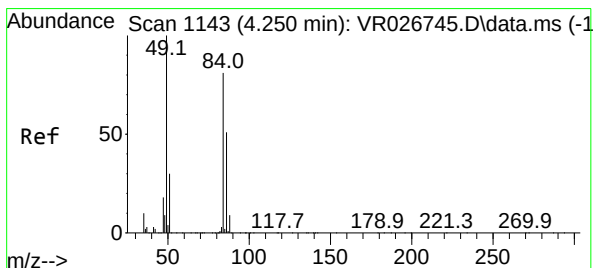
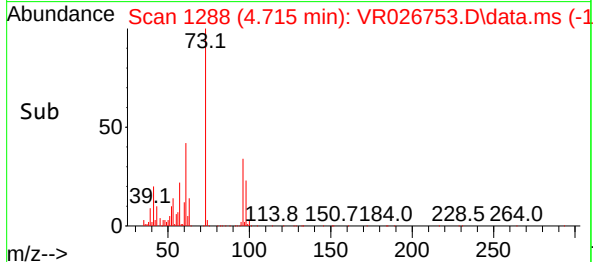
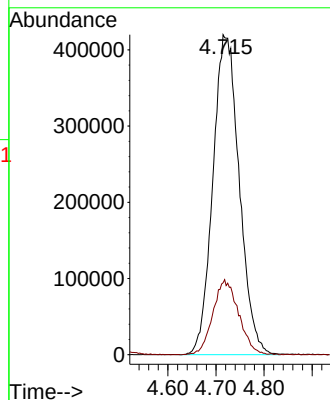
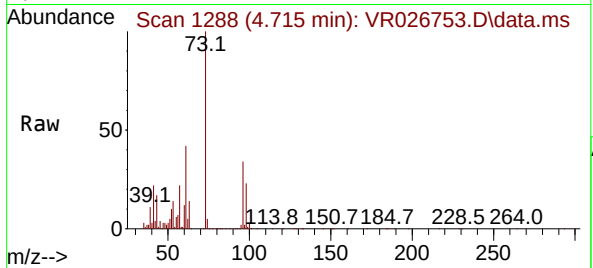
57 22.4 18.2 27.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#20

Methylene Chloride

Concen: 21.155 ug/l

RT: 4.259 min Scan# 1146

Delta R.T. 0.010 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Tgt Ion: 84 Resp: 569122

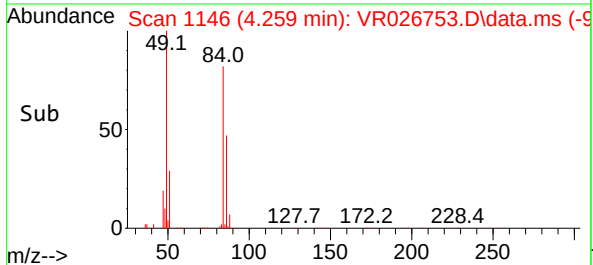
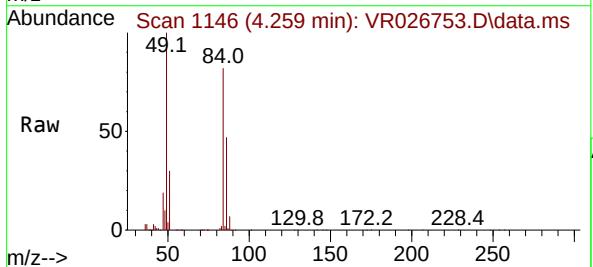
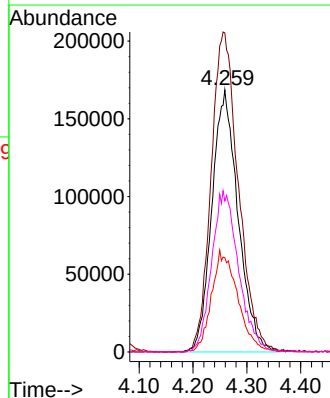
Ion Ratio Lower Upper

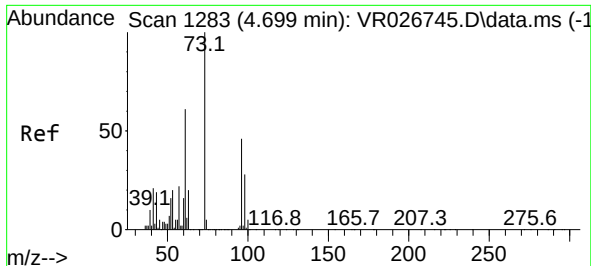
84 100

49 121.5 98.8 148.2

51 35.9 29.4 44.2

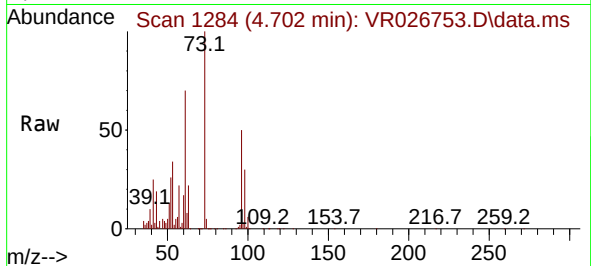
86 57.6 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 20.529 ug/l
RT: 4.702 min Scan# 11
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

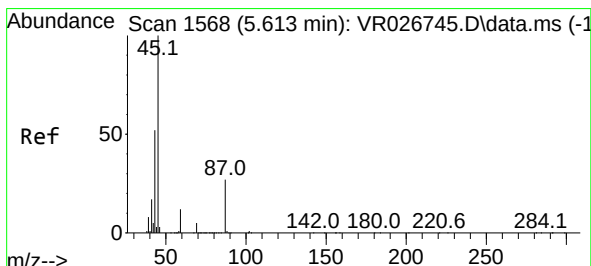
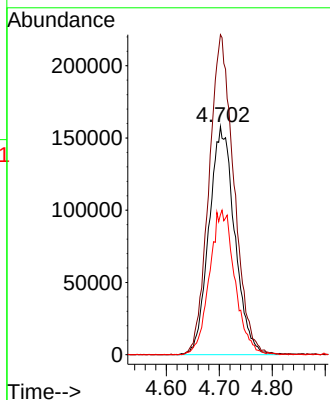
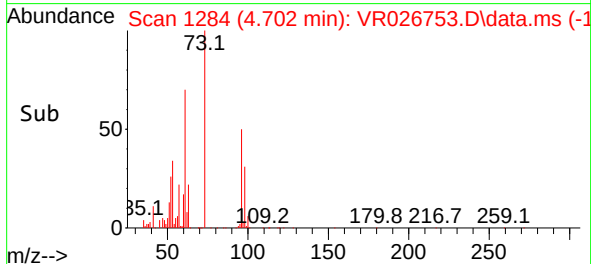
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion: 96 Resp: 53228
Ion Ratio Lower Upper
96 100
61 140.3 107.1 160.7
98 61.4 49.7 74.5

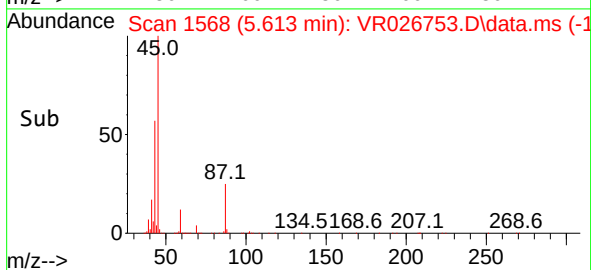
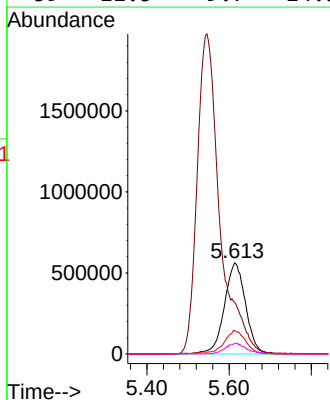
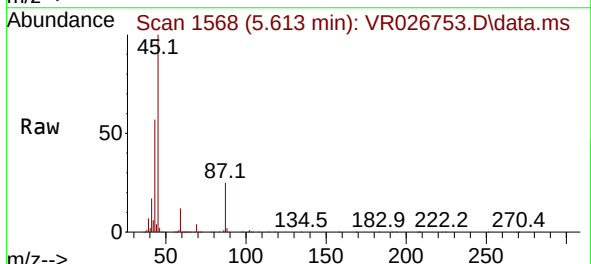
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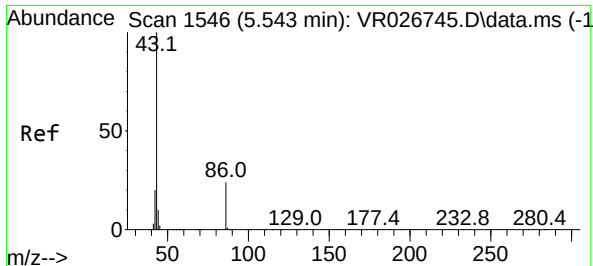
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 21.357 ug/l
RT: 5.613 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

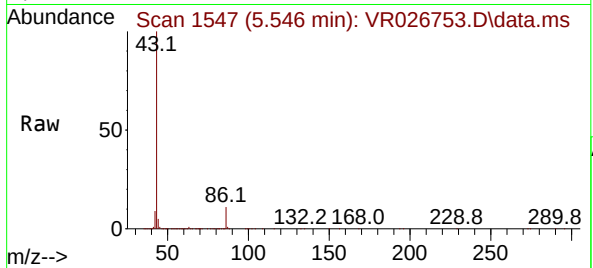
Tgt Ion: 45 Resp: 2008051
Ion Ratio Lower Upper
45 100
43 56.2 41.8 62.8
87 25.3 21.7 32.5
59 11.5 9.7 14.5





#23
 Vinyl Acetate
 Concen: 120.181 ug/l
 RT: 5.546 min Scan# 1546
 Delta R.T. 0.003 min
 Lab File: VR026753.D
 Acq: 21 Aug 2025 12:19

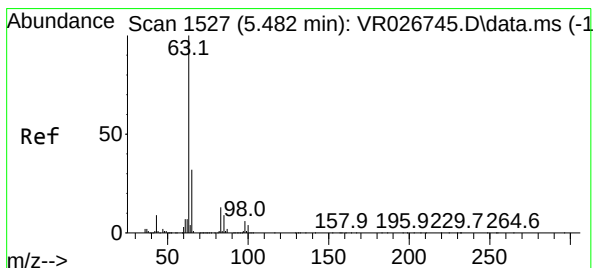
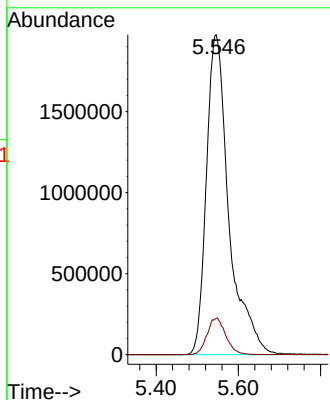
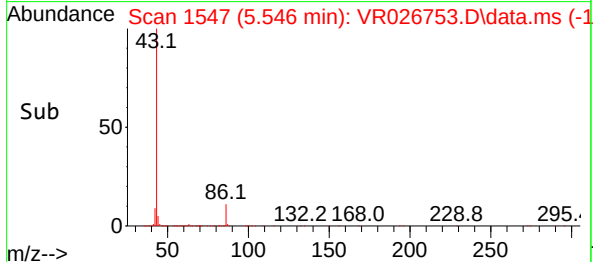
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBSD01



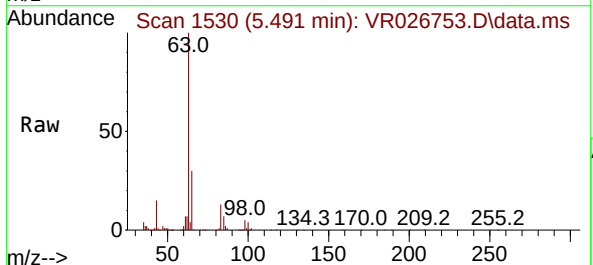
Tgt Ion: 43 Resp: 7494190
 Ion Ratio Lower Upper
 43 100
 86 11.4 18.9 28.3

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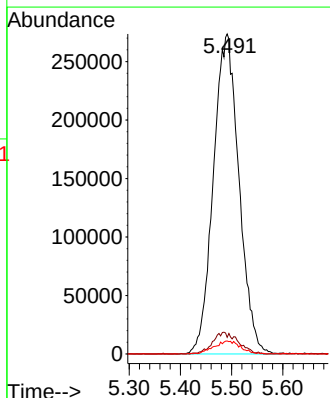
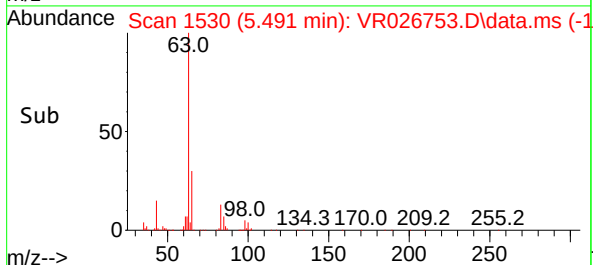
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

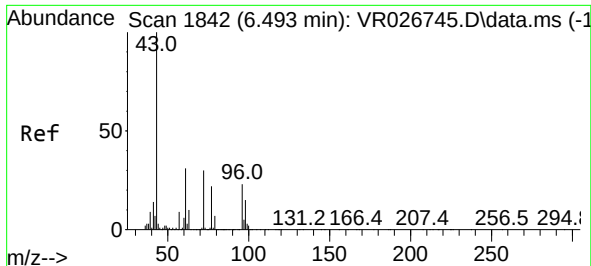


#24
 1,1-Dichloroethane
 Concen: 20.544 ug/l
 RT: 5.491 min Scan# 1530
 Delta R.T. 0.010 min
 Lab File: VR026753.D
 Acq: 21 Aug 2025 12:19



Tgt Ion: 63 Resp: 950533
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.1 9.3
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 90.513 ug/l

RT: 6.499 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion: 43 Resp: 1772484

Ion Ratio Lower Upper

43 100

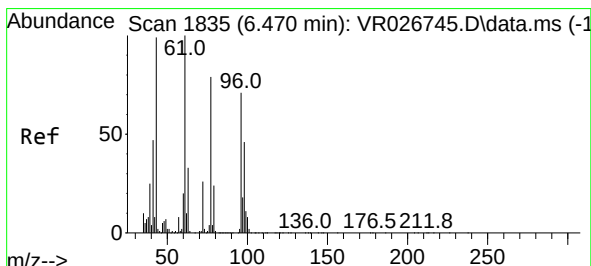
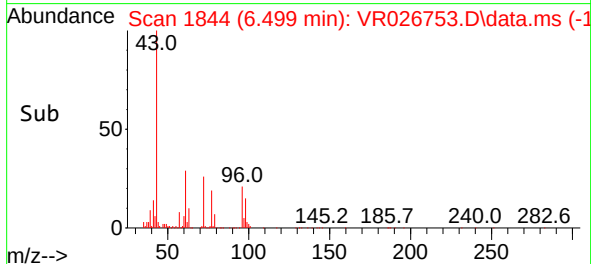
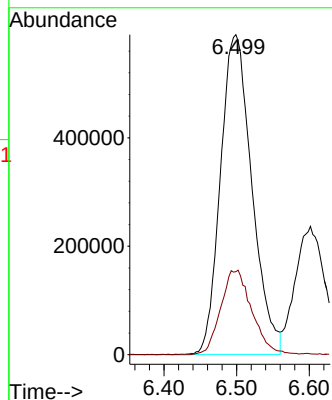
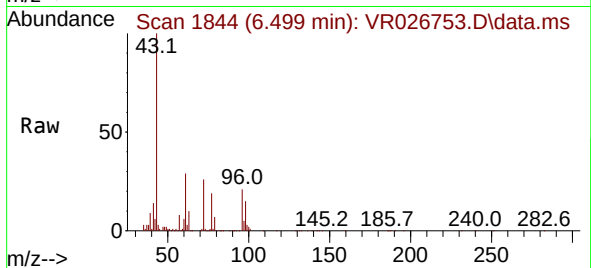
72 26.0 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#26

2,2-Dichloropropane

Concen: 20.801 ug/l

RT: 6.476 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VR026753.D

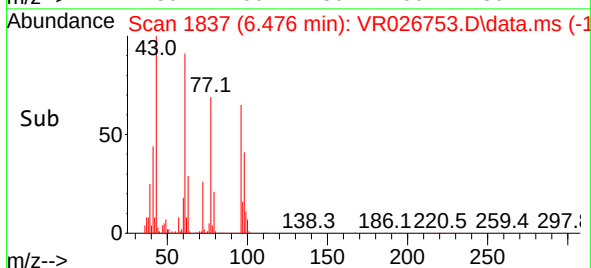
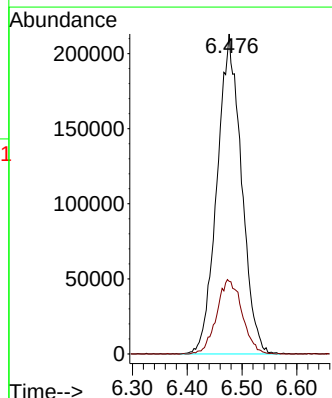
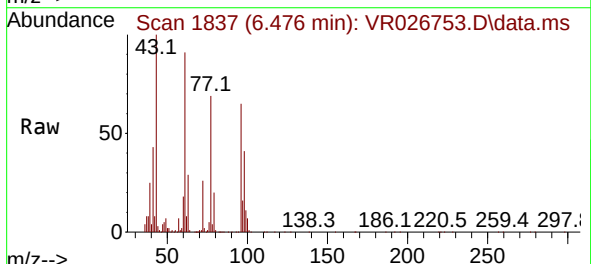
Acq: 21 Aug 2025 12:19

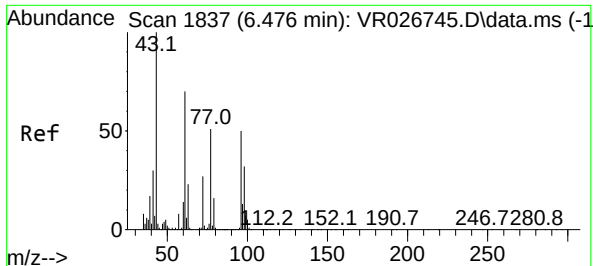
Tgt Ion: 77 Resp: 659313

Ion Ratio Lower Upper

77 100

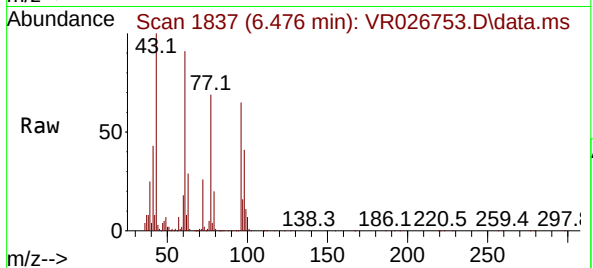
97 24.2 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.228 ug/l
 RT: 6.476 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VR026753.D
 Acq: 21 Aug 2025 12:19

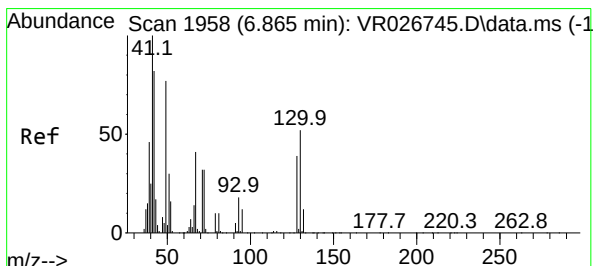
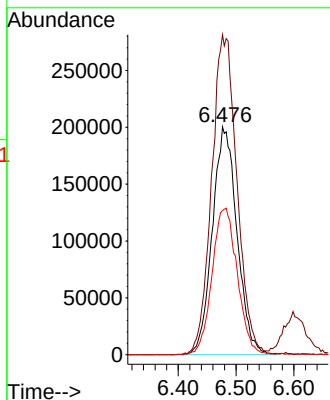
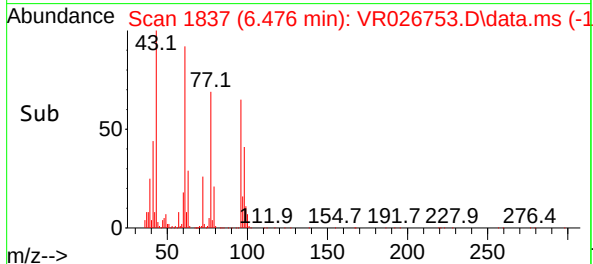
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBSD01



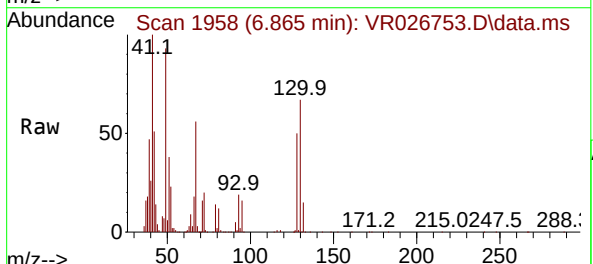
Tgt Ion: 96 Resp: 593609
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 280.6
 98 65.8 0.0 127.6

Manual Integrations
 APPROVED

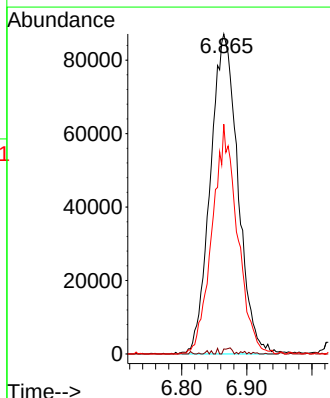
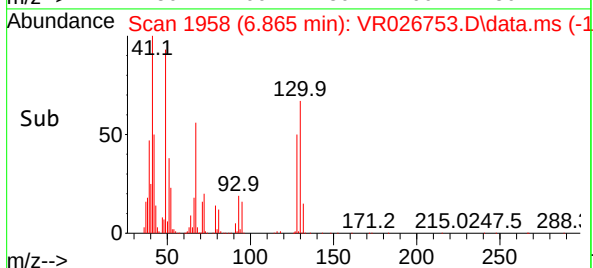
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

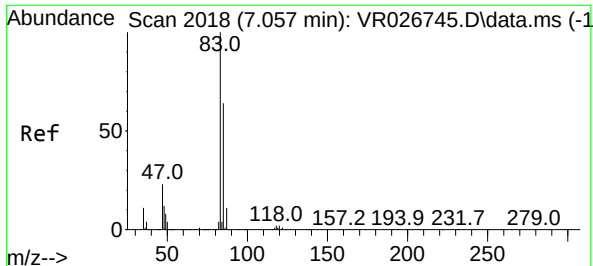


#28
 Bromochloromethane
 Concen: 18.745 ug/l
 RT: 6.865 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VR026753.D
 Acq: 21 Aug 2025 12:19



Tgt Ion: 49 Resp: 256676
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 1.6
 130 65.7 53.4 80.2





#29

Chloroform

Concen: 20.590 ug/l

RT: 7.057 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion: 83 Resp: 855909

Ion Ratio Lower Upper

83 100

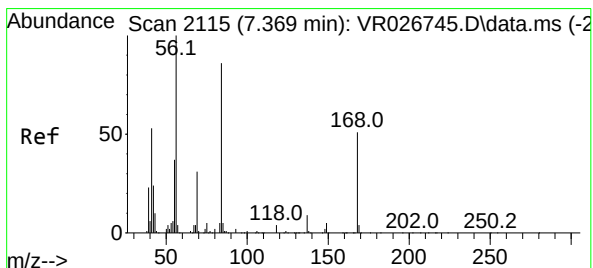
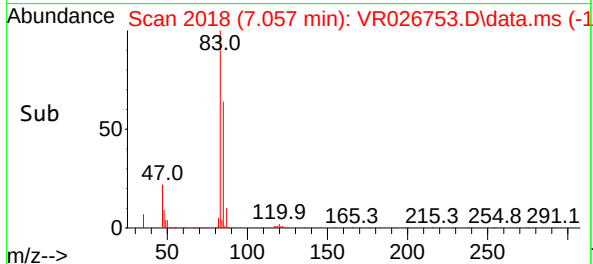
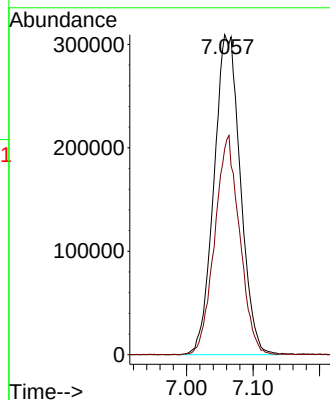
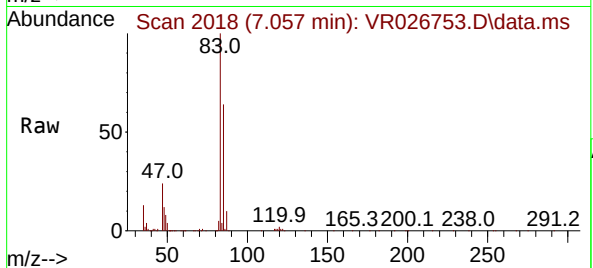
85 64.3 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Cyclohexane

Concen: 20.497 ug/l

RT: 7.378 min Scan# 2118

Delta R.T. 0.010 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

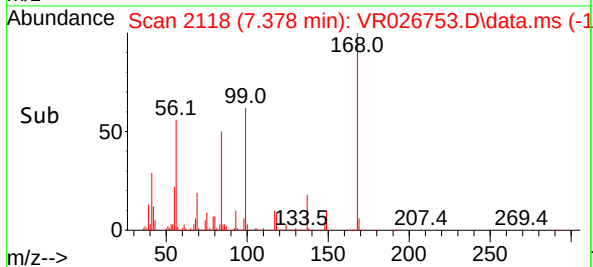
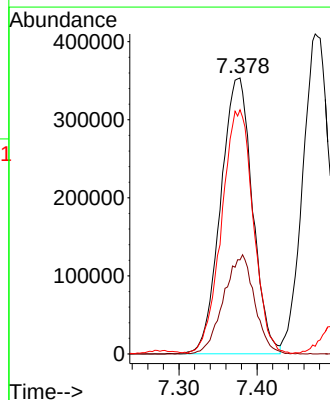
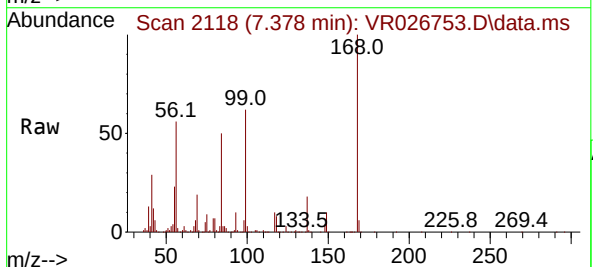
Tgt Ion: 56 Resp: 1000096

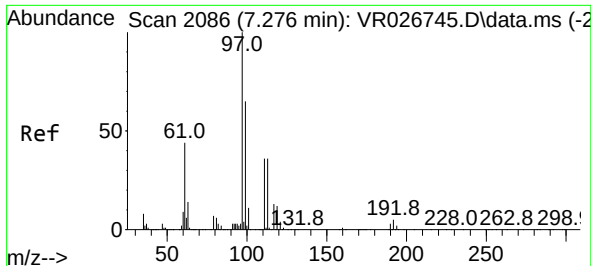
Ion Ratio Lower Upper

56 100

69 34.0 24.6 37.0

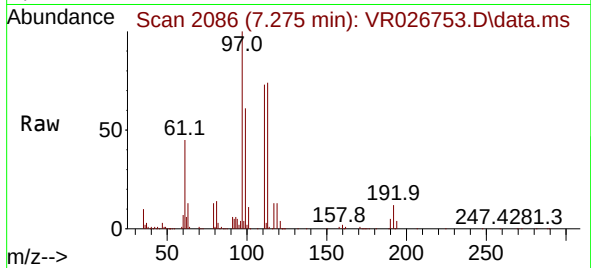
84 88.0 68.7 103.1





#31
1,1,1-Trichloroethane
Concen: 20.870 ug/l
RT: 7.275 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

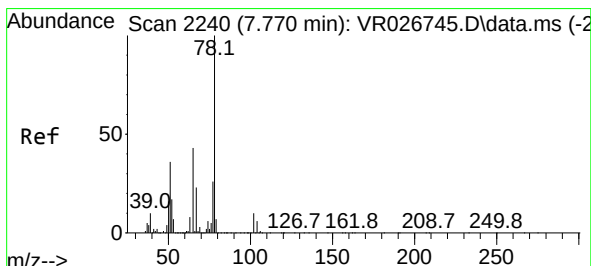
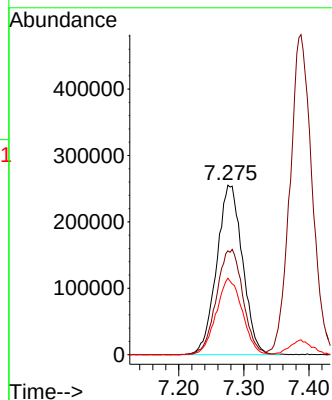
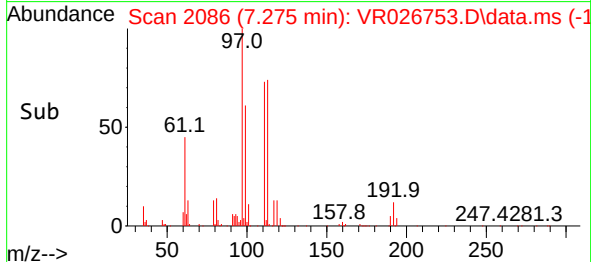
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion: 97 Resp: 704479
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 45.0 35.0 52.4

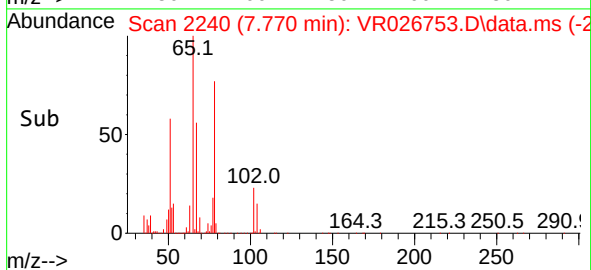
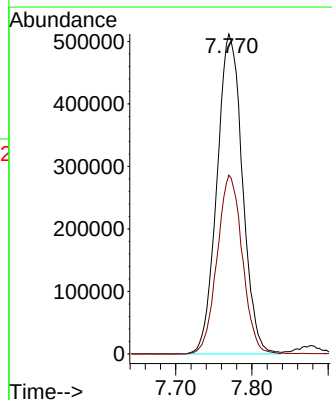
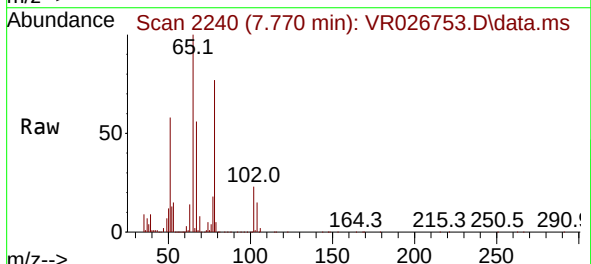
Manual Integrations
APPROVED

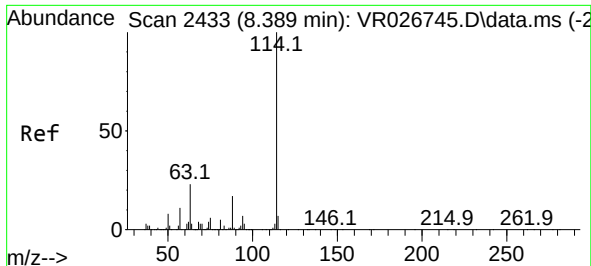
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#32
1,2-Dichloroethane-d4
Concen: 49.915 ug/l
RT: 7.770 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

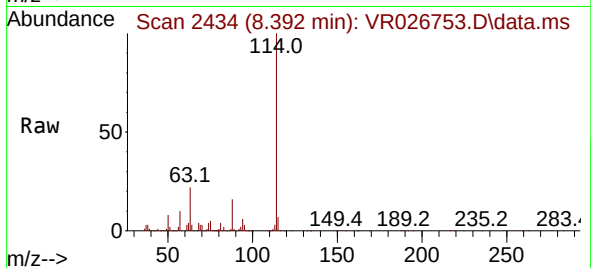
Tgt Ion: 65 Resp: 1189329
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.4





#33
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.392 min Scan# 2434
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

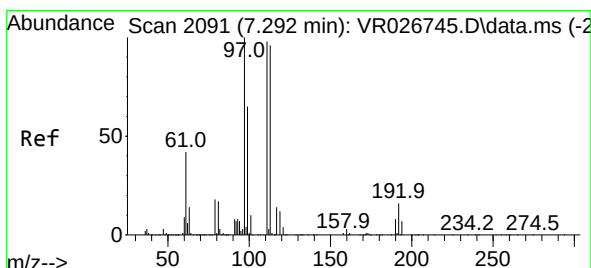
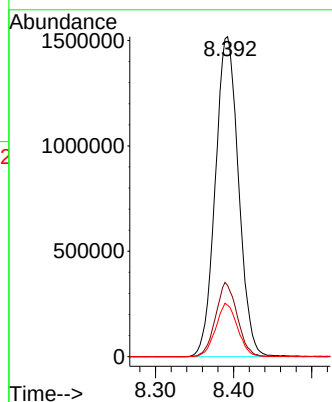
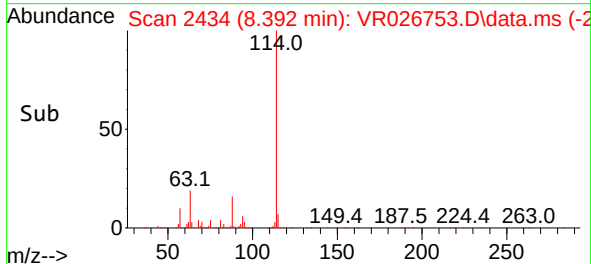
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



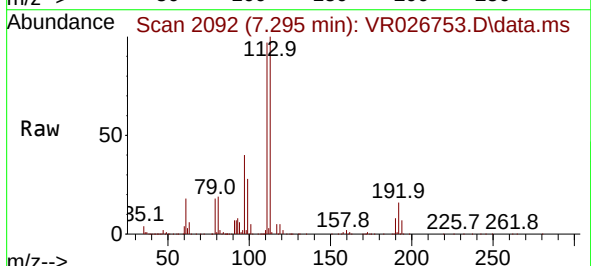
Tgt Ion:114 Resp: 313379
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.8
88 16.1 0.0 34.8

Manual Integrations
APPROVED

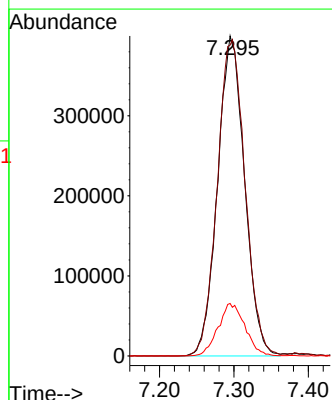
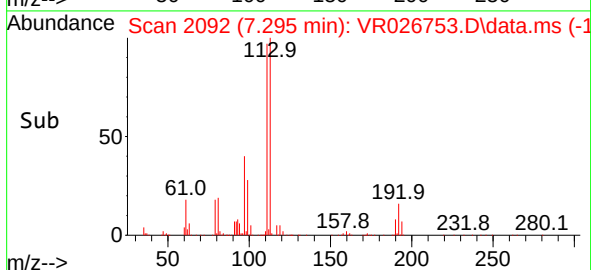
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

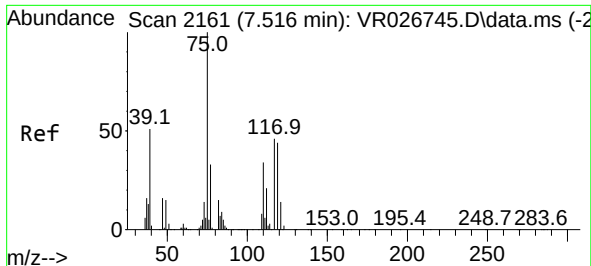


#34
Dibromofluoromethane
Concen: 49.255 ug/l
RT: 7.295 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



Tgt Ion:113 Resp: 1006717
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 16.4 12.9 19.3





#35

1,1-Dichloropropene

Concen: 19.665 ug/l

RT: 7.523 min Scan# 2161

Delta R.T. 0.006 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

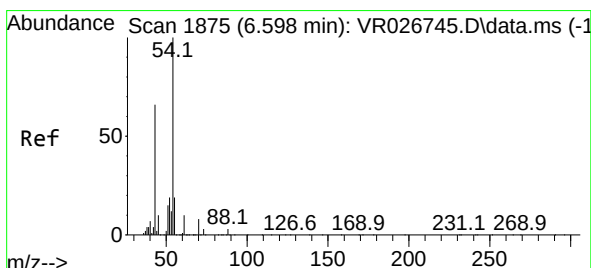
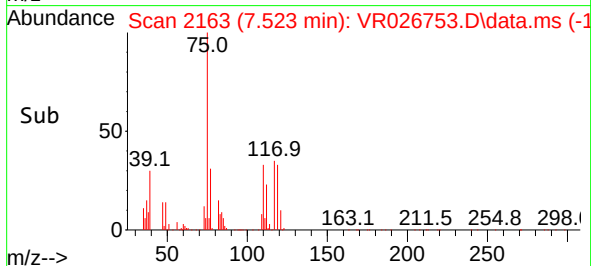
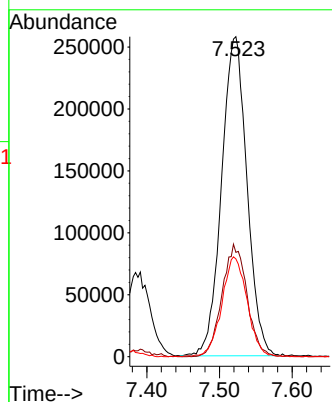
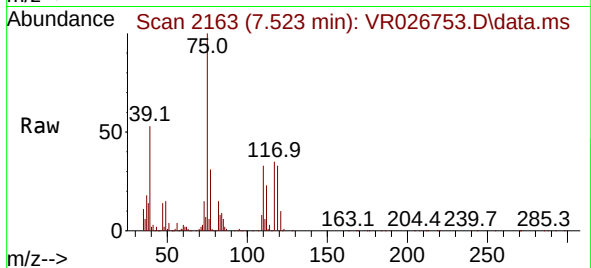
Tgt Ion: 75 Resp: 625920

Ion	Ratio	Lower	Upper
75	100		
110	34.6	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: 16.001 ug/l

RT: 6.602 min Scan# 1876

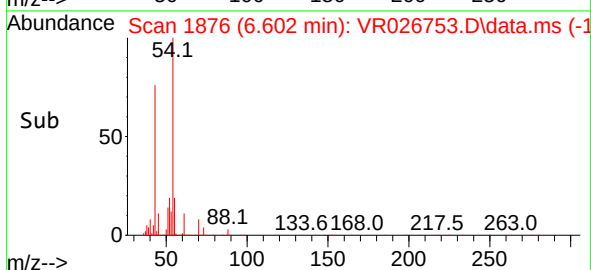
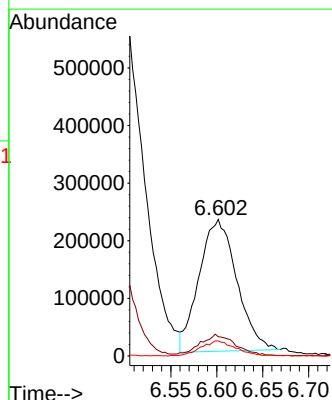
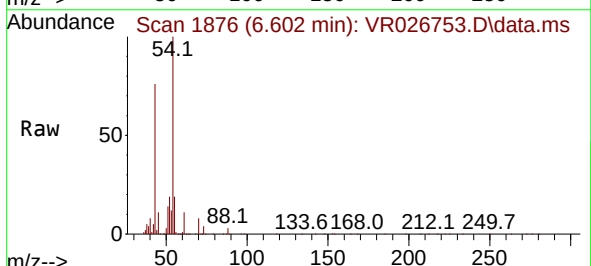
Delta R.T. 0.003 min

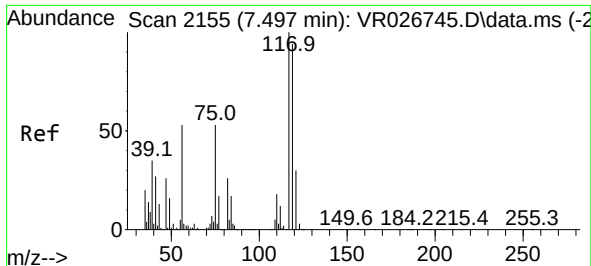
Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Tgt Ion: 43 Resp: 651580

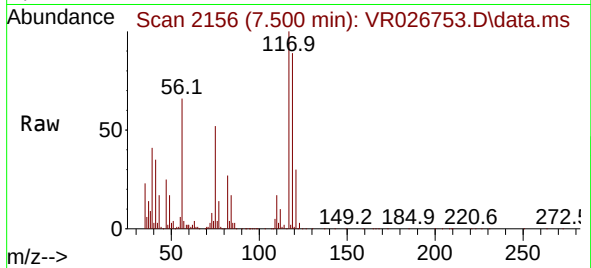
Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.4	17.2
70	10.5	8.4	12.6





#37
Carbon Tetrachloride
Concen: 19.081 ug/l
RT: 7.500 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

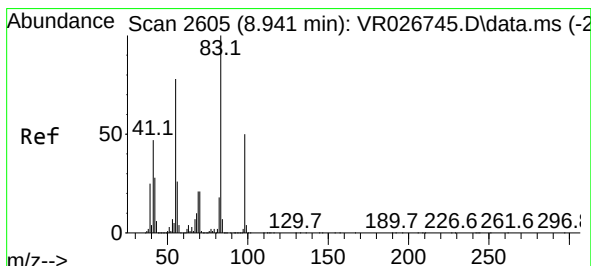
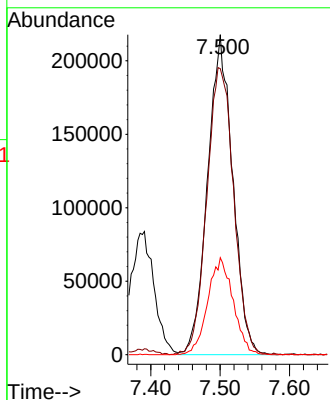
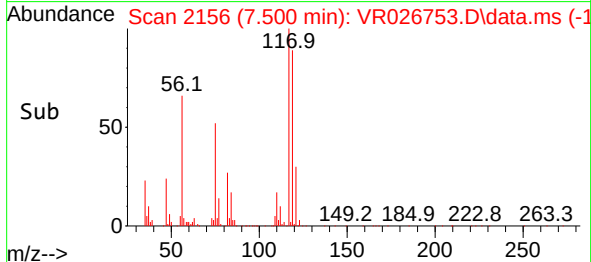
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



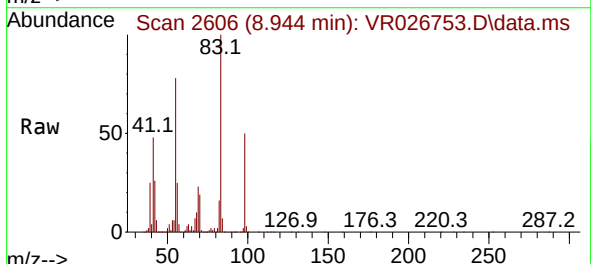
Tgt Ion:117 Resp: 54654
Ion Ratio Lower Upper
117 100
119 89.3 75.1 112.7
121 30.3 24.2 36.2

Manual Integrations
APPROVED

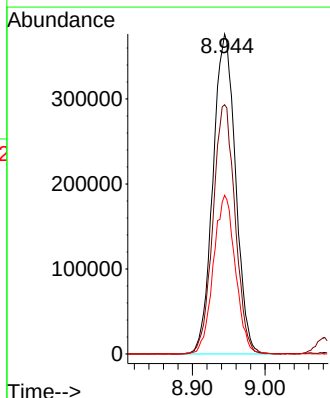
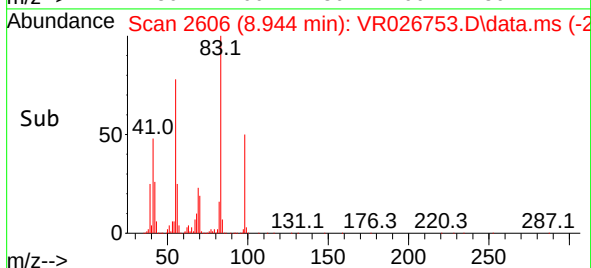
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

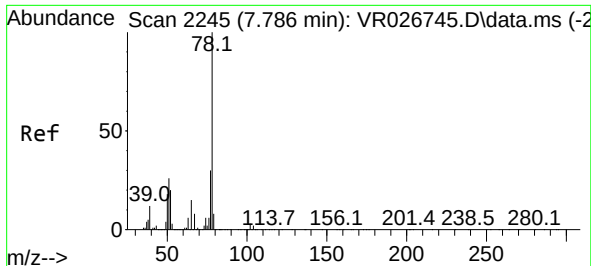


#38
Methylcyclohexane
Concen: 20.423 ug/l
RT: 8.944 min Scan# 2606
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



Tgt Ion: 83 Resp: 813436
Ion Ratio Lower Upper
83 100
55 77.9 62.6 94.0
98 49.6 39.9 59.9





#39

Benzene

Concen: 21.943 ug/l

RT: 7.789 min Scan# 21

Delta R.T. 0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion: 78 Resp: 2144169

Ion Ratio Lower Upper

78 100

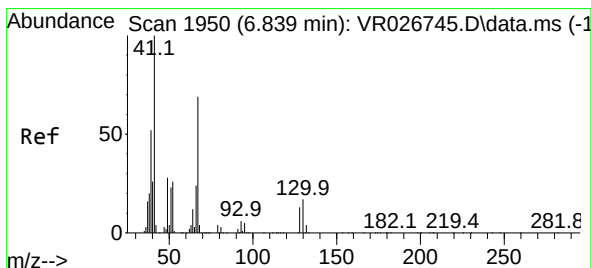
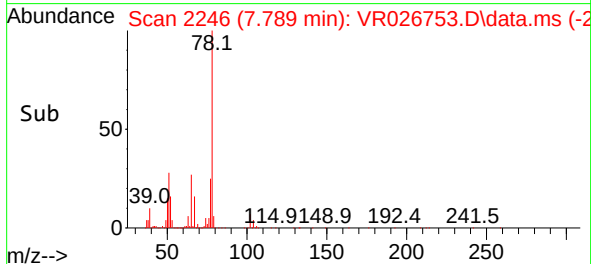
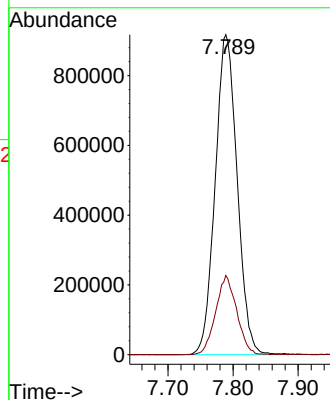
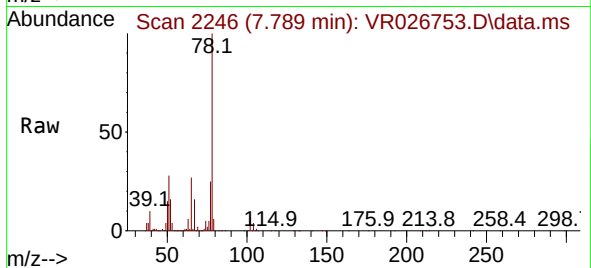
77 24.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#40

Methacrylonitrile

Concen: 17.189 ug/l

RT: 6.842 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Tgt Ion: 41 Resp: 365052

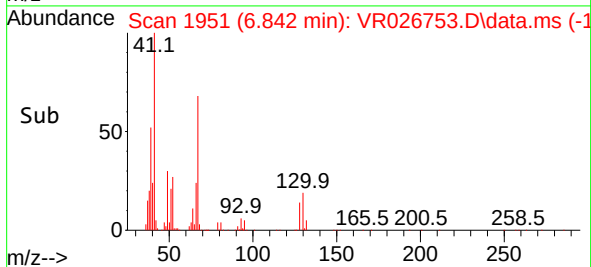
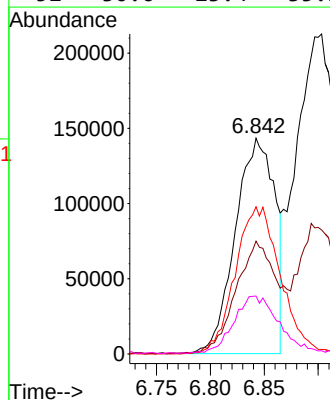
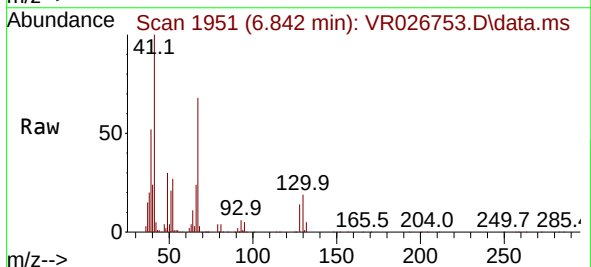
Ion Ratio Lower Upper

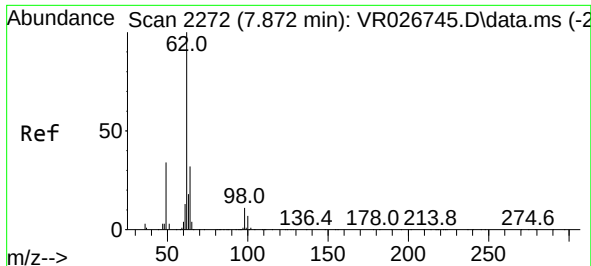
41 100

39 54.2 43.0 64.4

67 78.8 62.6 94.0

52 30.6 23.4 35.2





#41

1,2-Dichloroethane

Concen: 19.560 ug/l

RT: 7.876 min Scan# 21

Delta R.T. 0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion: 62 Resp: 529940

Ion Ratio Lower Upper

62 100

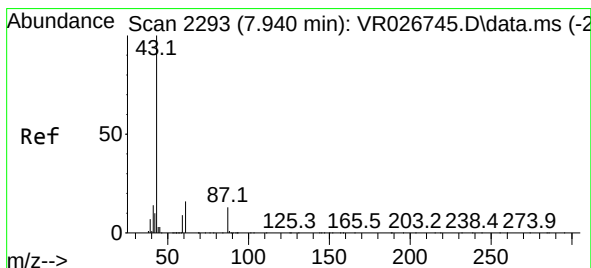
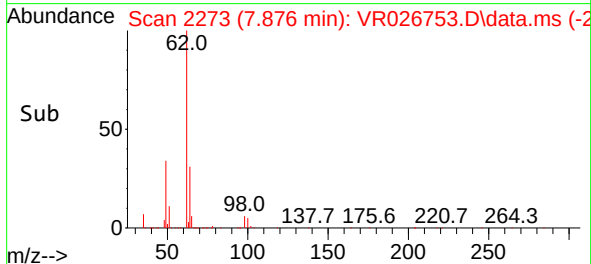
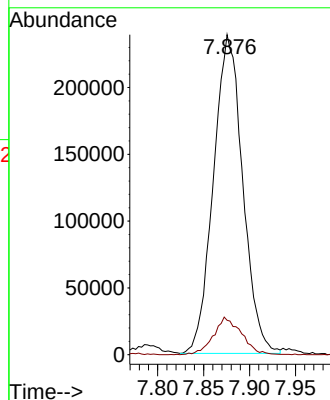
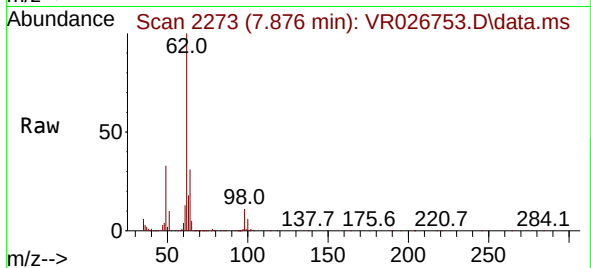
98 11.3 0.0 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#42

Isopropyl Acetate

Concen: 18.826 ug/l

RT: 7.943 min Scan# 2294

Delta R.T. 0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

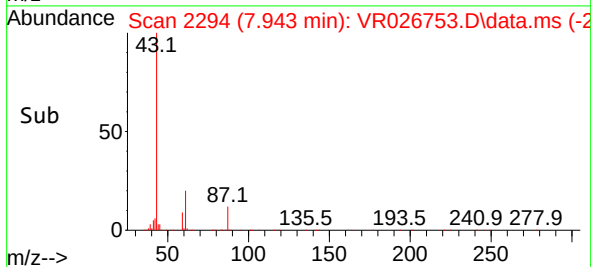
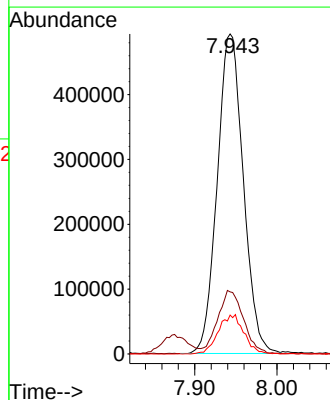
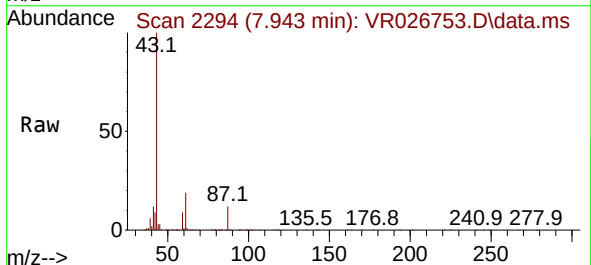
Tgt Ion: 43 Resp: 1086808

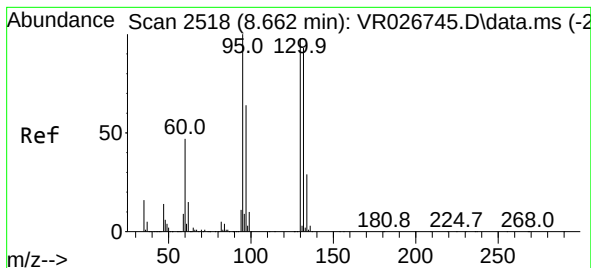
Ion Ratio Lower Upper

43 100

61 19.6 16.8 25.2

87 12.1 10.2 15.4





#43

Trichloroethene

Concen: 19.271 ug/l

RT: 8.668 min Scan# 2518

Delta R.T. 0.006 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion:130 Resp: 410819

Ion Ratio Lower Upper

130 100

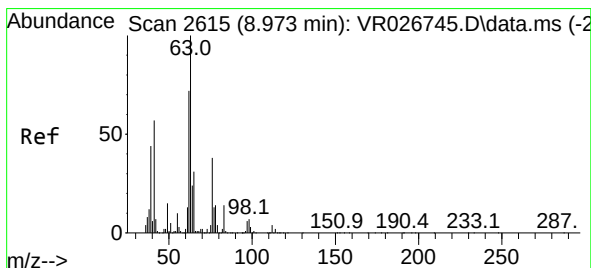
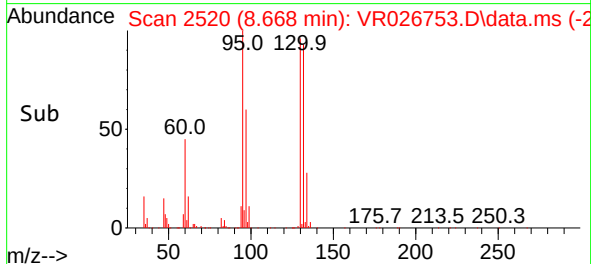
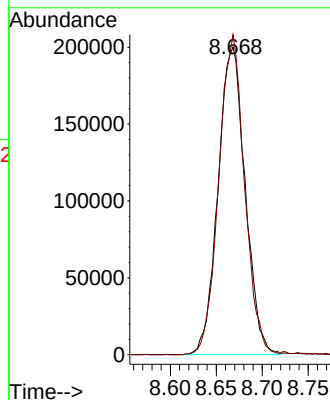
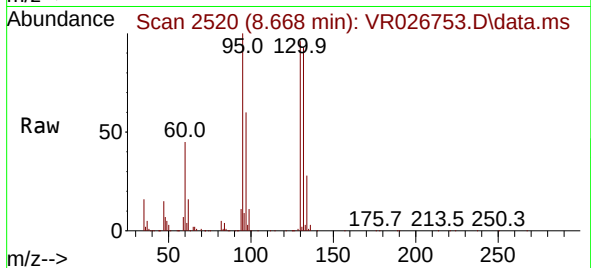
95 104.0 0.0 203.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#44

1,2-Dichloropropane

Concen: 19.489 ug/l

RT: 8.979 min Scan# 2617

Delta R.T. 0.006 min

Lab File: VR026753.D

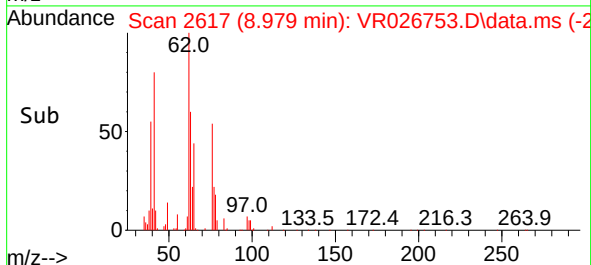
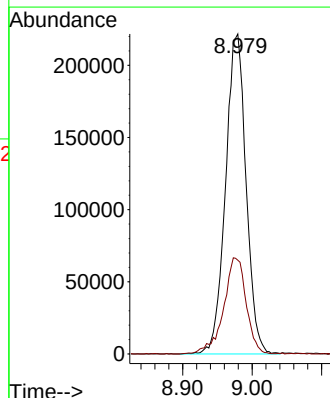
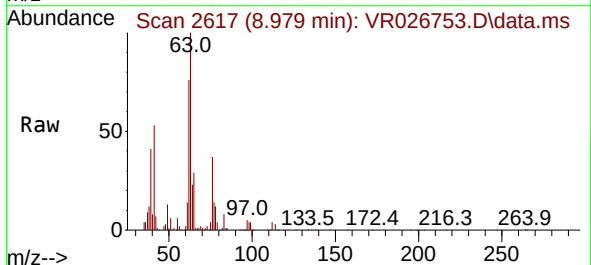
Acq: 21 Aug 2025 12:19

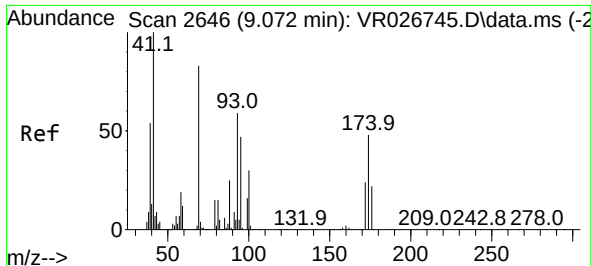
Tgt Ion: 63 Resp: 455898

Ion Ratio Lower Upper

63 100

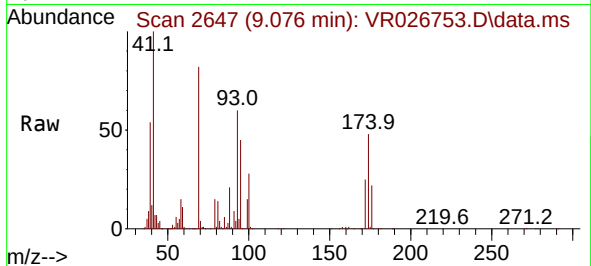
65 29.3 24.8 37.2





#45
Dibromomethane
Concen: 18.877 ug/l
RT: 9.076 min Scan# 2646
Delta R.T. 0.004 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

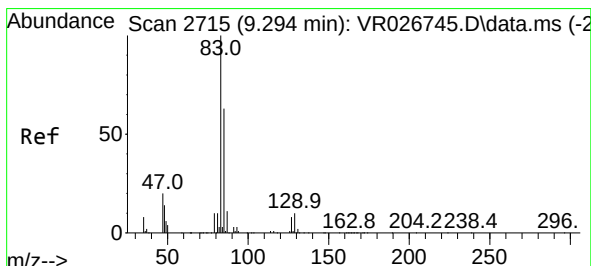
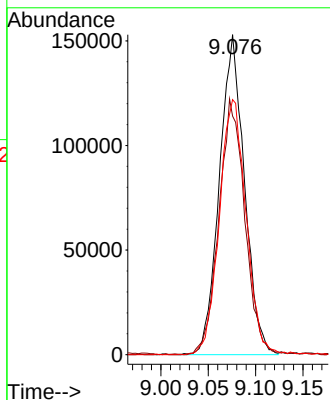
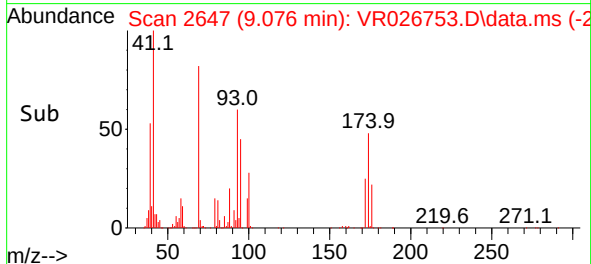
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion: 93 Resp: 28052
Ion Ratio Lower Upper
93 100
95 82.6 65.4 98.0
174 85.2 66.5 99.7

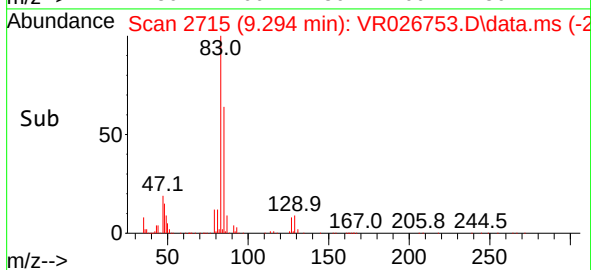
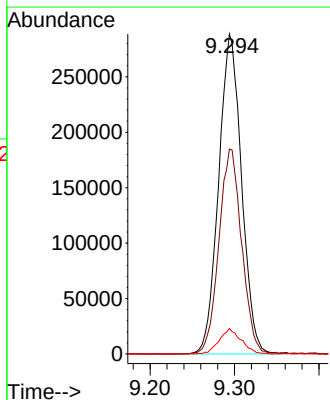
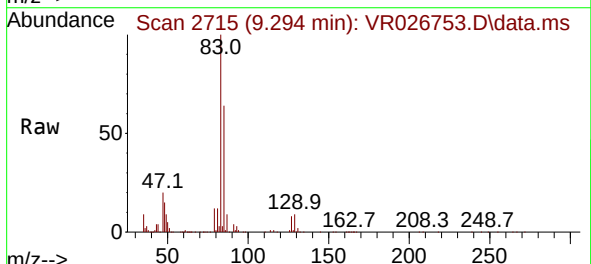
Manual Integrations
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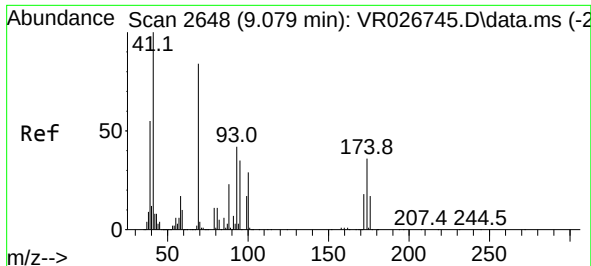
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#46
Bromodichloromethane
Concen: 19.602 ug/l
RT: 9.294 min Scan# 2715
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Tgt Ion: 83 Resp: 542227
Ion Ratio Lower Upper
83 100
85 64.0 50.8 76.2
127 8.0 6.0 9.0





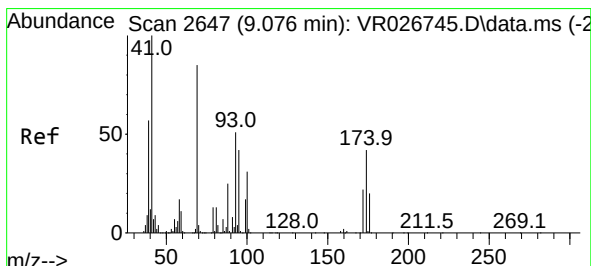
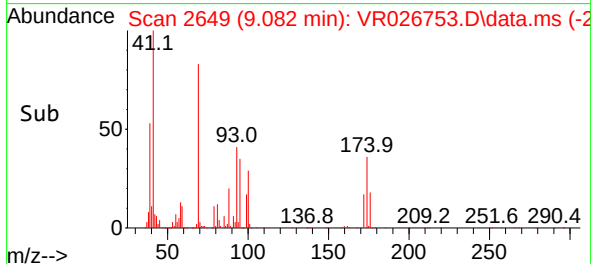
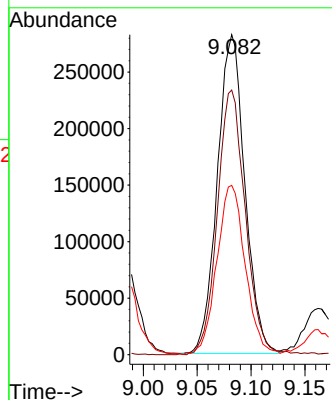
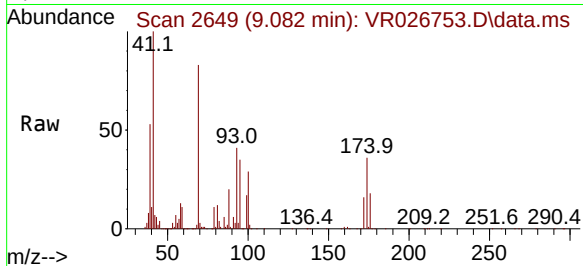
#47
Methyl methacrylate
Concen: 17.763 ug/l
RT: 9.082 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01

Tgt Ion: 41 Resp: 50050
Ion Ratio Lower Upper
41 100
69 84.5 66.5 99.7
39 54.5 43.3 64.9

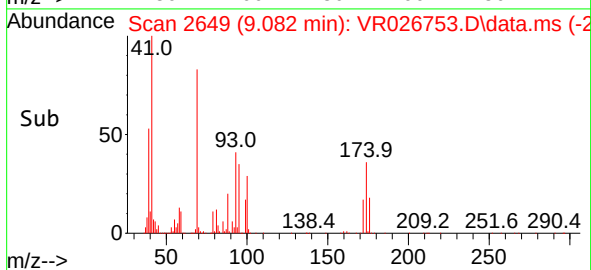
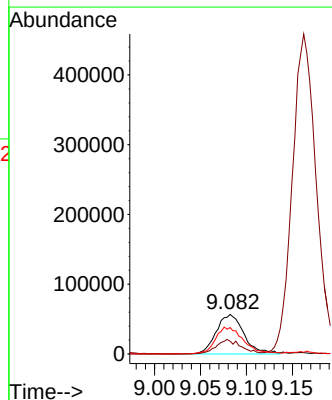
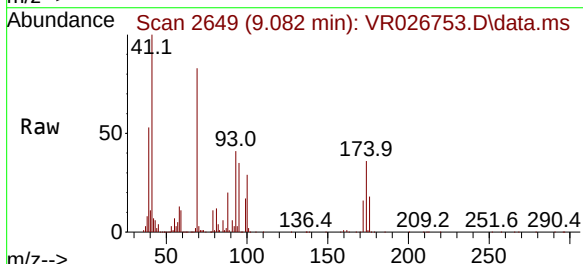
Manual Integrations
APPROVED

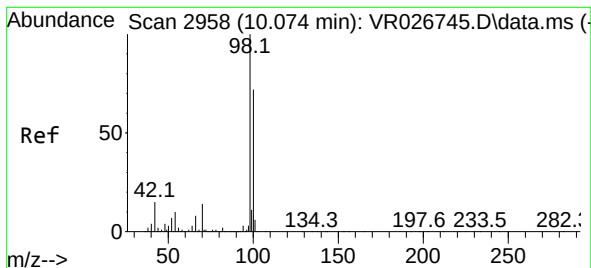
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48
1,4-Dioxane
Concen: 327.015 ug/l
RT: 9.082 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Tgt Ion: 88 Resp: 118369
Ion Ratio Lower Upper
88 100
43 32.7 27.1 40.7
58 68.8 55.9 83.9





#49

Toluene-d8

Concen: 52.432 ug/l

RT: 10.074 min Scan# 2958

Delta R.T. -0.000 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion: 98 Resp: 359266

Ion Ratio Lower Upper

98 100

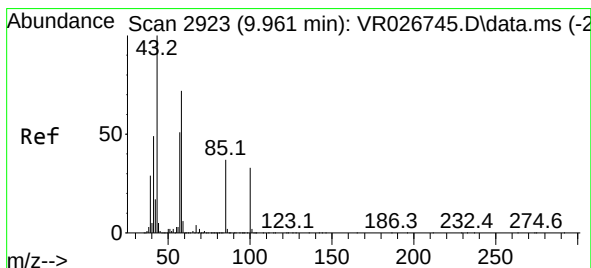
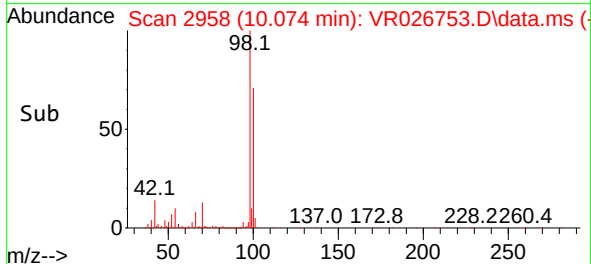
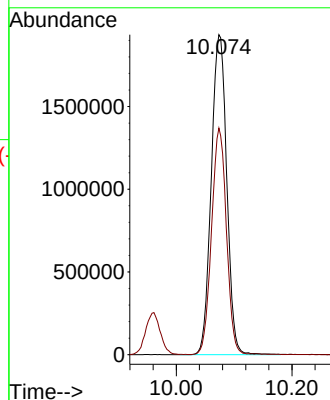
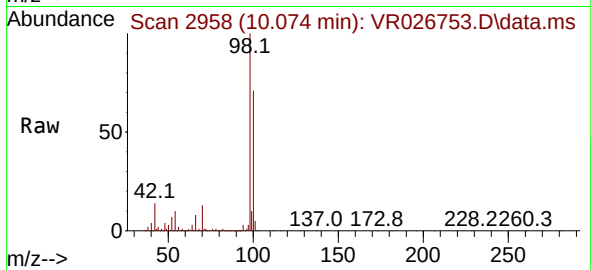
100 68.1 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

4-Methyl-2-Pentanone

Concen: 106.344 ug/l

RT: 9.961 min Scan# 2923

Delta R.T. 0.000 min

Lab File: VR026753.D

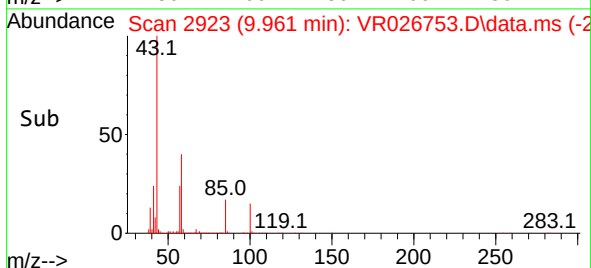
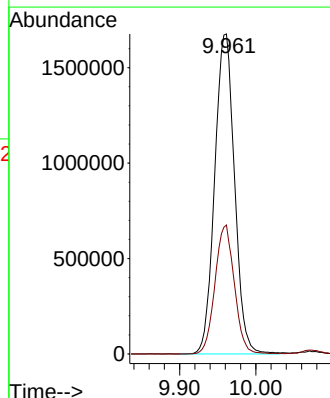
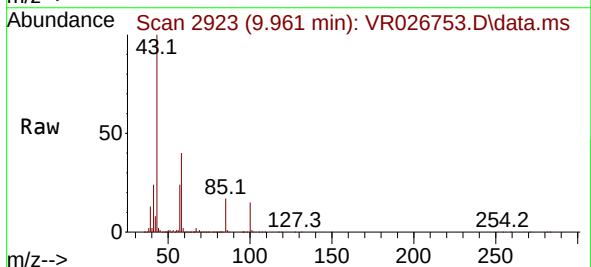
Acq: 21 Aug 2025 12:19

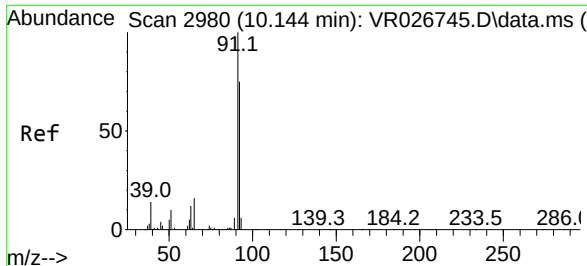
Tgt Ion: 43 Resp: 3035122

Ion Ratio Lower Upper

43 100

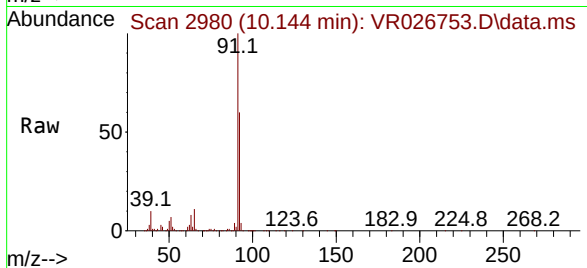
58 39.3 46.8 70.2#





#51
Toluene
Concen: 20.767 ug/l
RT: 10.144 min Scan# 2980
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

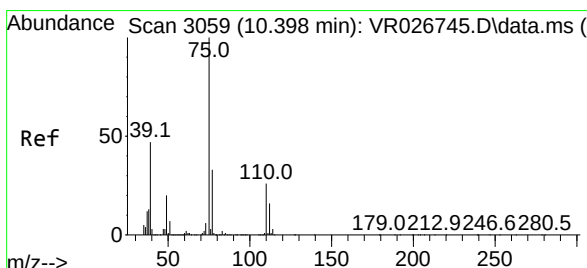
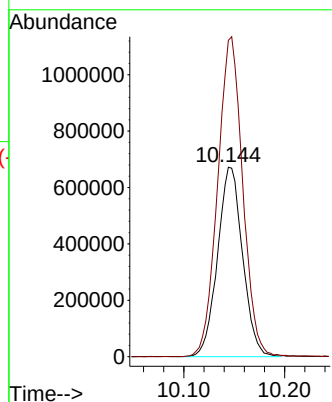
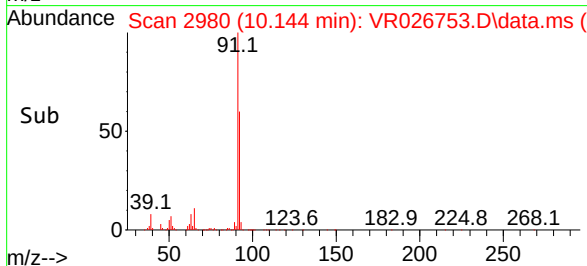
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



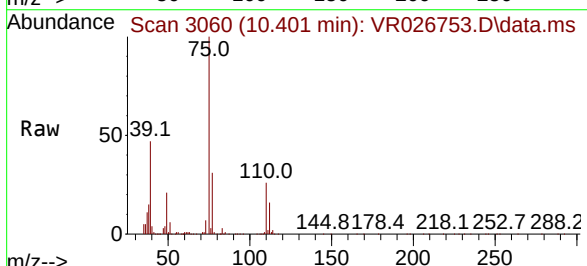
Tgt Ion: 92 Resp: 115876
Ion Ratio Lower Upper
92 100
91 169.6 120.1 180.1

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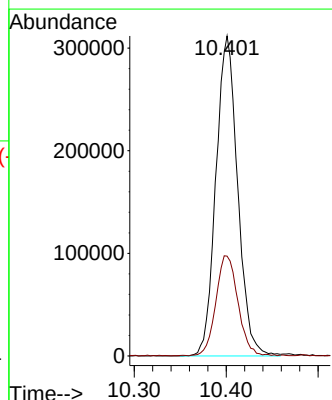
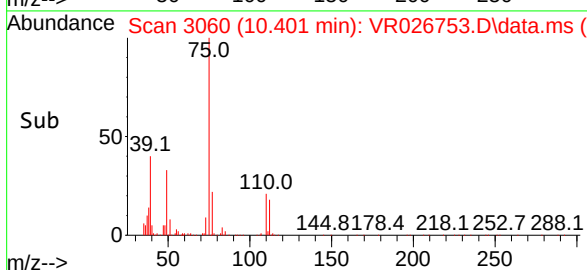
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

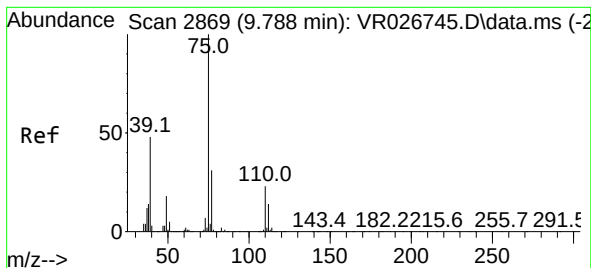


#52
t-1,3-Dichloropropene
Concen: 19.555 ug/l
RT: 10.401 min Scan# 3060
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



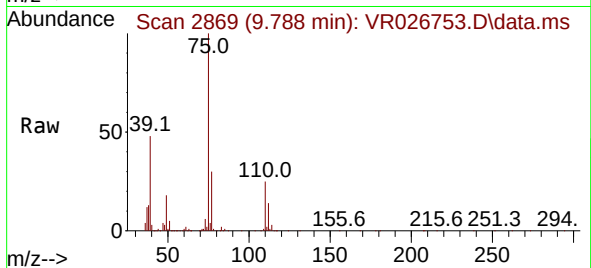
Tgt Ion: 75 Resp: 512328
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.4





#53
 cis-1,3-Dichloropropene
 Concen: 19.495 ug/l
 RT: 9.788 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VR026753.D
 Acq: 21 Aug 2025 12:19

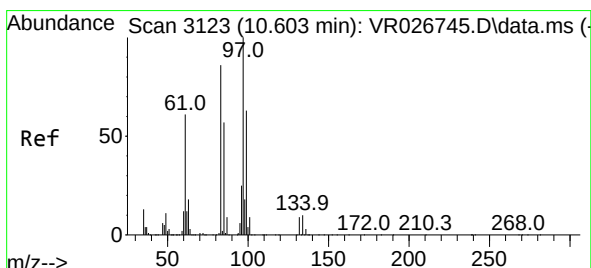
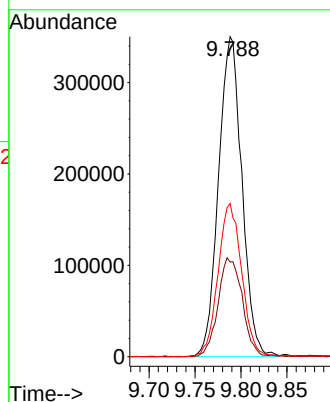
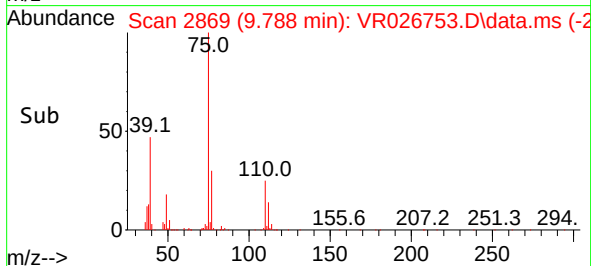
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBSD01



Tgt Ion: 75 Resp: 619634
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.1 37.7
 39 47.8 38.5 57.7

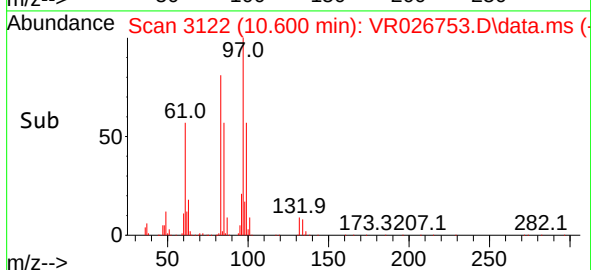
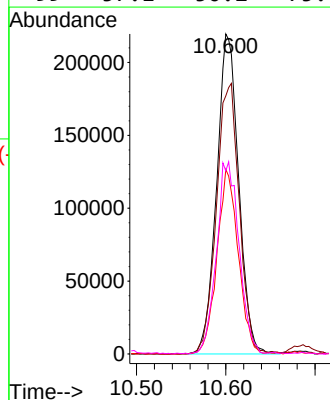
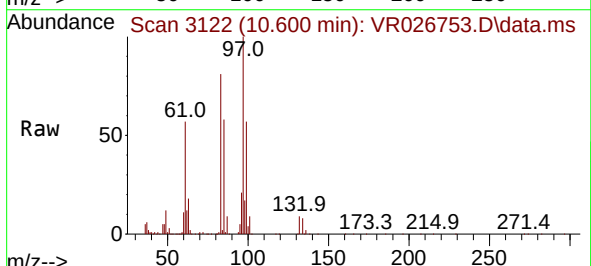
Manual Integrations
 APPROVED

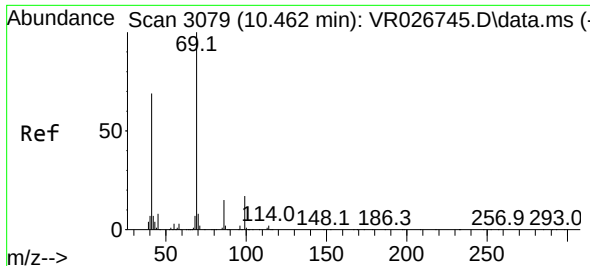
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#54
 1,1,2-Trichloroethane
 Concen: 19.037 ug/l
 RT: 10.600 min Scan# 3122
 Delta R.T. -0.003 min
 Lab File: VR026753.D
 Acq: 21 Aug 2025 12:19

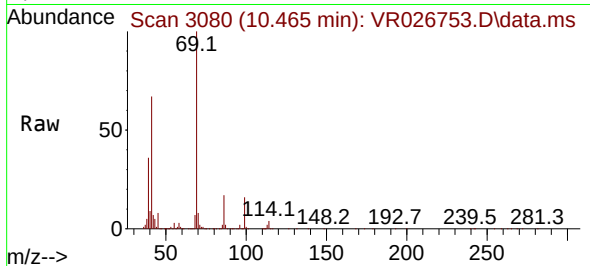
Tgt Ion: 97 Resp: 377044
 Ion Ratio Lower Upper
 97 100
 83 80.6 68.9 103.3
 85 57.7 45.3 67.9
 99 57.1 50.2 75.4





#55
Ethyl methacrylate
Concen: 19.223 ug/l
RT: 10.465 min Scan# 3079
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

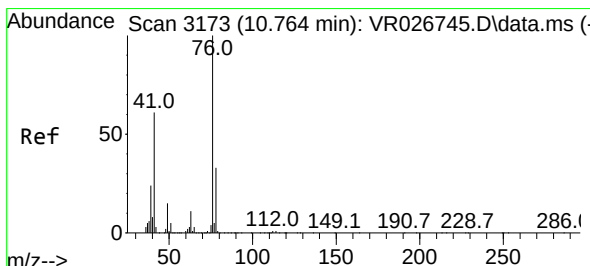
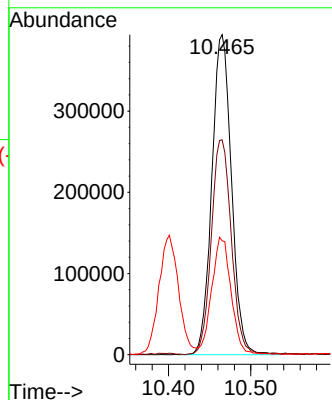
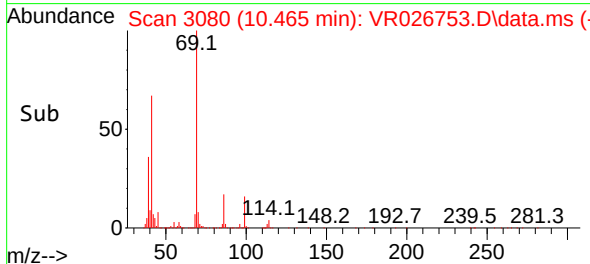
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion: 69 Resp: 654868
Ion Ratio Lower Upper
69 100
41 68.4 55.6 83.4
39 35.5 29.2 43.8

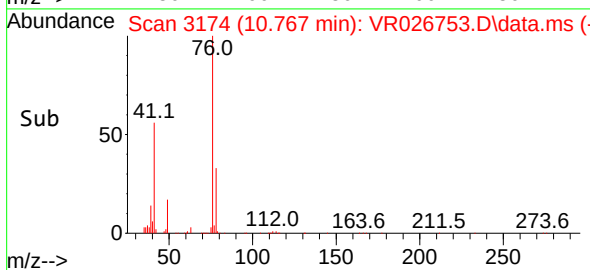
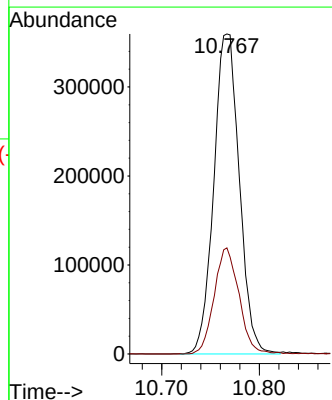
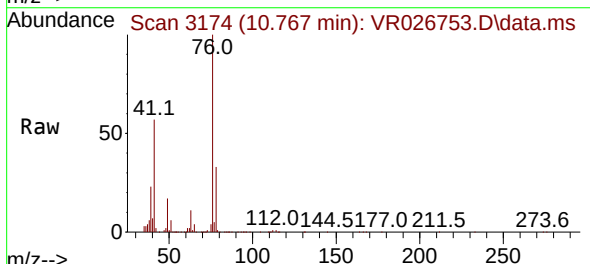
Manual Integrations
APPROVED

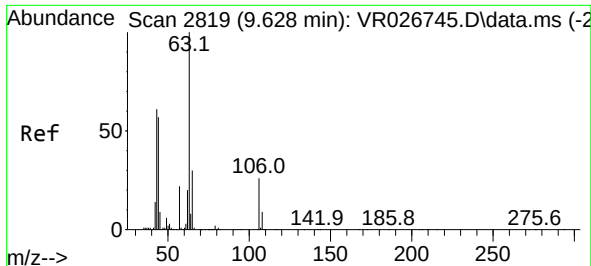
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
1,3-Dichloropropane
Concen: 19.567 ug/l
RT: 10.767 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Tgt Ion: 76 Resp: 653203
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9





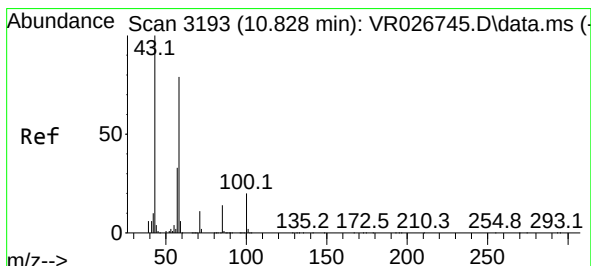
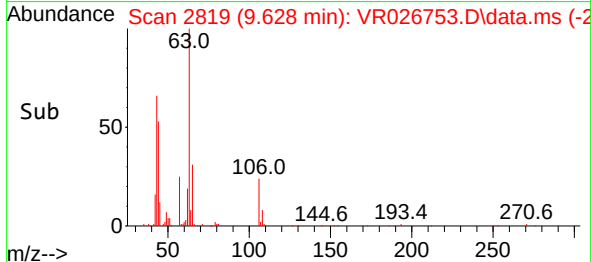
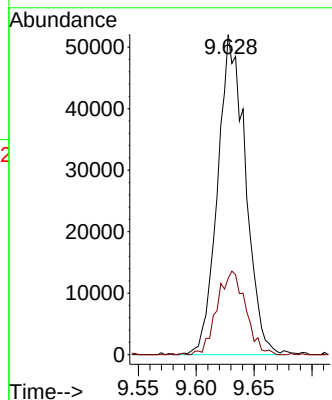
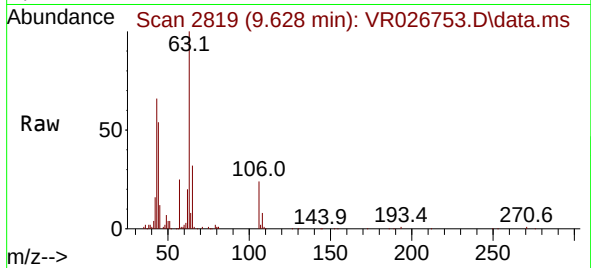
#57
2-Chloroethyl Vinyl ether
Concen: 47.711 ug/l
RT: 9.628 min Scan# 2819
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01

Tgt Ion: 63 Resp: 8709
Ion Ratio Lower Upper
63 100
106 26.8 21.5 32.3

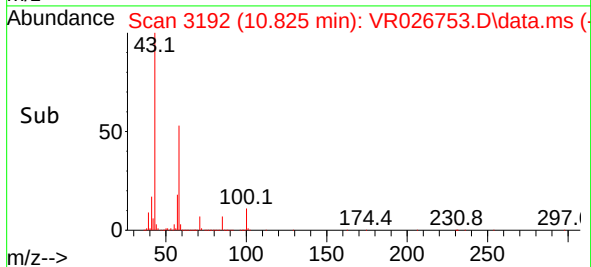
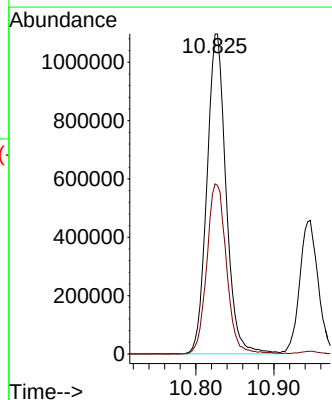
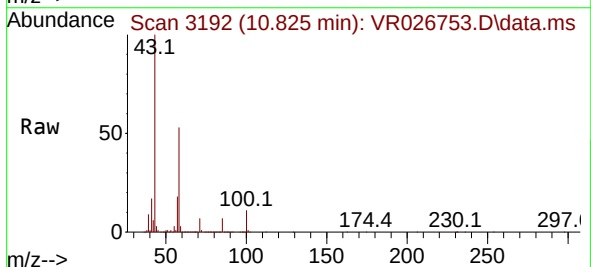
Manual Integrations
APPROVED

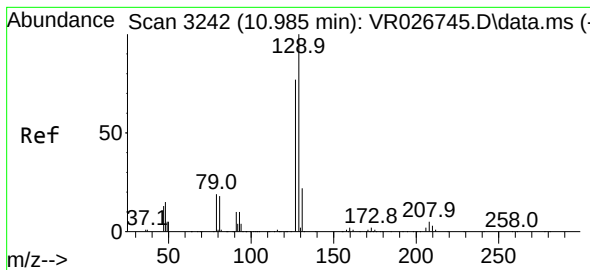
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Hexanone
Concen: 95.541 ug/l
RT: 10.825 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

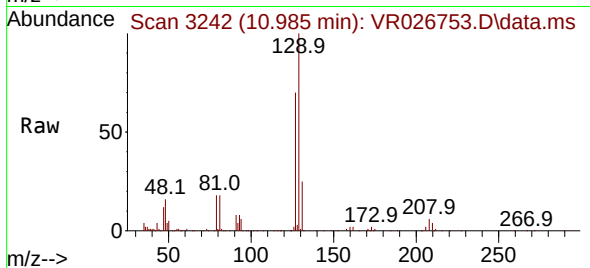
Tgt Ion: 43 Resp: 1863766
Ion Ratio Lower Upper
43 100
58 54.8 34.0 102.0





#59
Dibromochloromethane
Concen: 19.066 ug/l
RT: 10.985 min Scan# 31
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

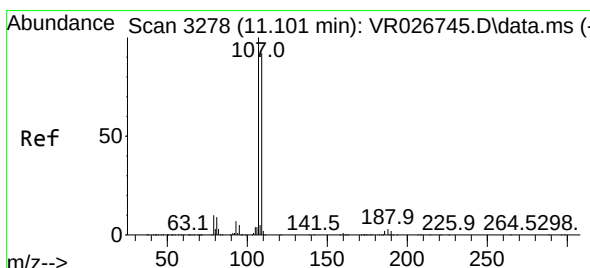
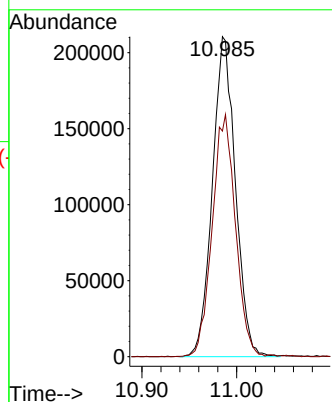
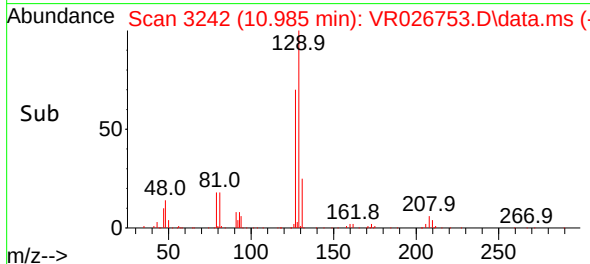
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



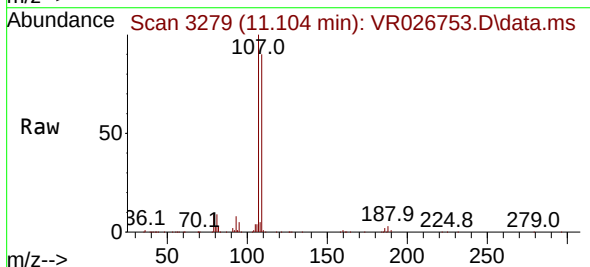
Tgt Ion:129 Resp: 35517
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7

Manual Integrations
APPROVED

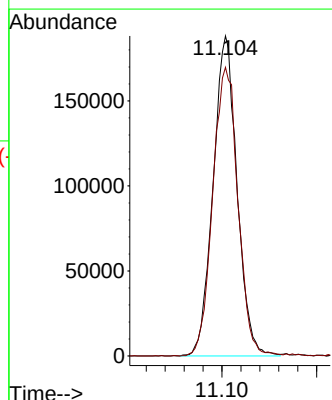
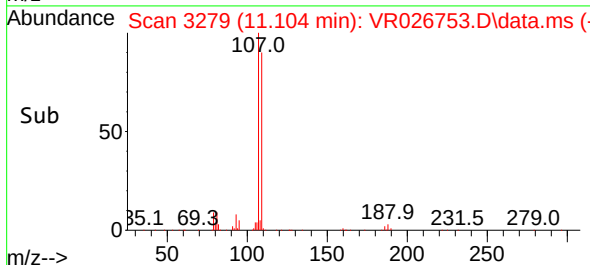
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

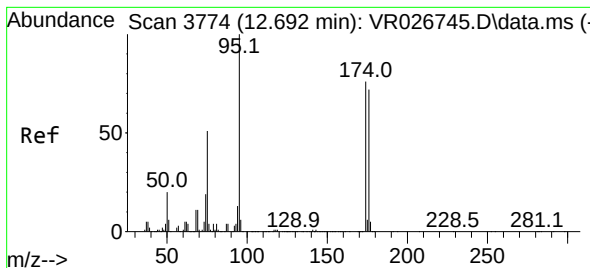


#60
1,2-Dibromoethane
Concen: 18.436 ug/l
RT: 11.104 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



Tgt Ion:107 Resp: 330003
Ion Ratio Lower Upper
107 100
109 95.0 74.3 111.5





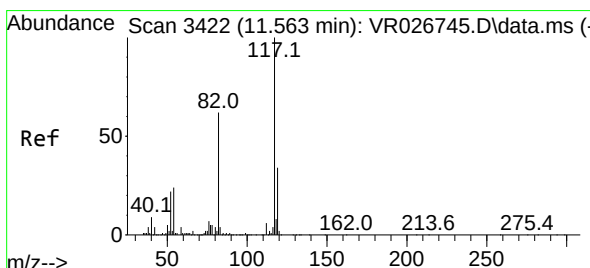
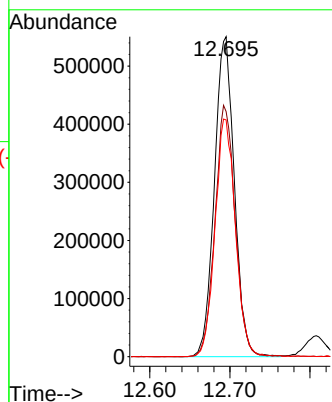
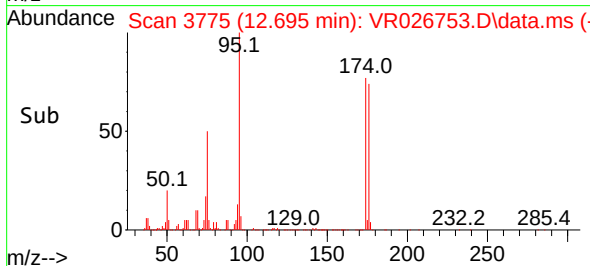
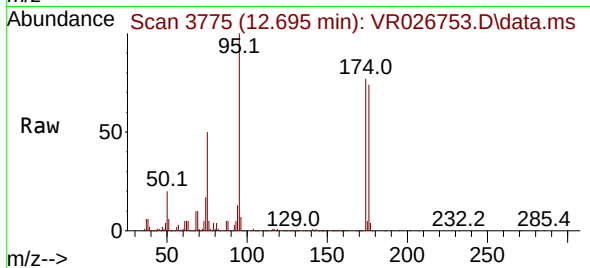
#61
4-Bromofluorobenzene
Concen: 48.940 ug/l
RT: 12.695 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01

Tgt Ion: 95 Resp: 95147
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.6
176 76.1 0.0 150.2

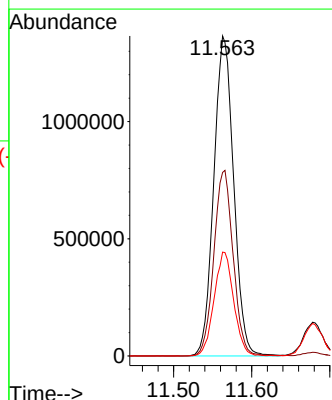
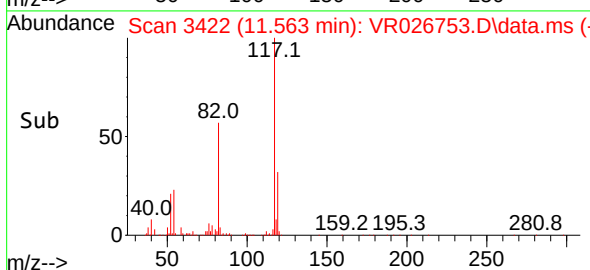
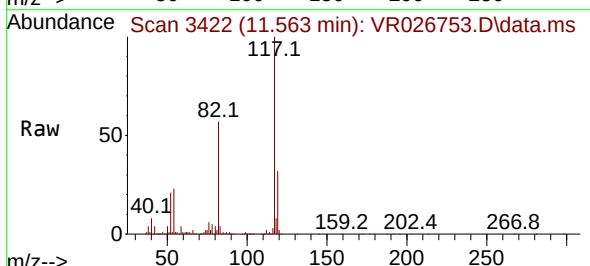
Manual Integrations
APPROVED

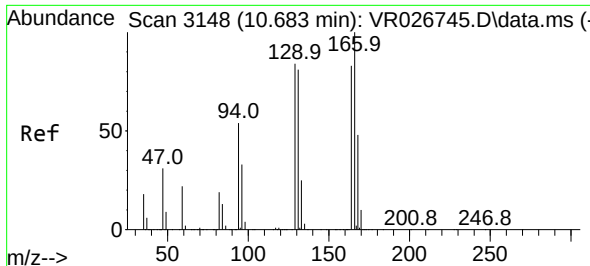
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

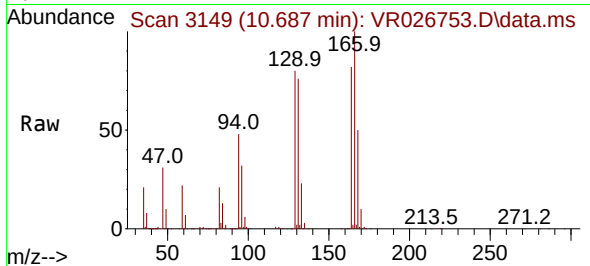
Tgt Ion:117 Resp: 2412267
Ion Ratio Lower Upper
117 100
82 57.3 49.9 74.9
119 32.5 27.4 41.2





#63
Tetrachloroethene
Concen: 19.592 ug/l
RT: 10.687 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

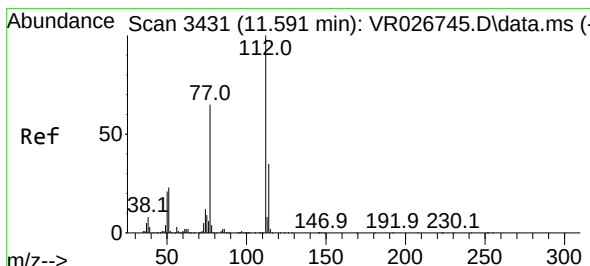
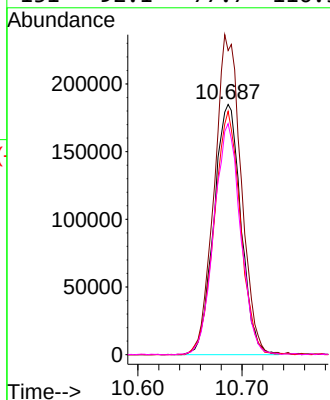
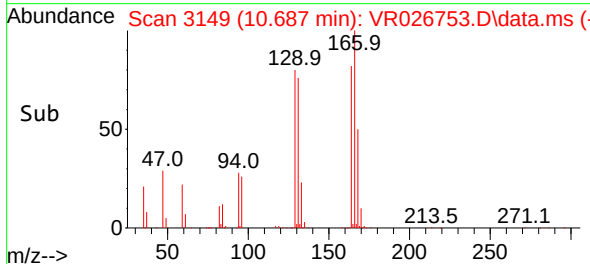
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion:164 Resp: 332062
Ion Ratio Lower Upper
164 100
166 121.3 95.9 143.9
129 97.2 80.2 120.2
131 92.1 77.7 116.5

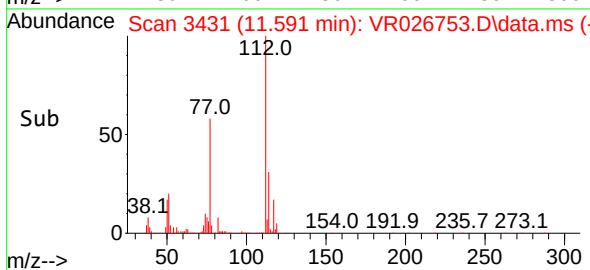
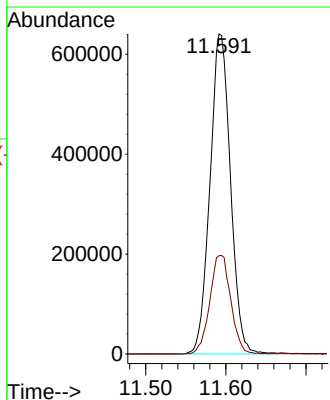
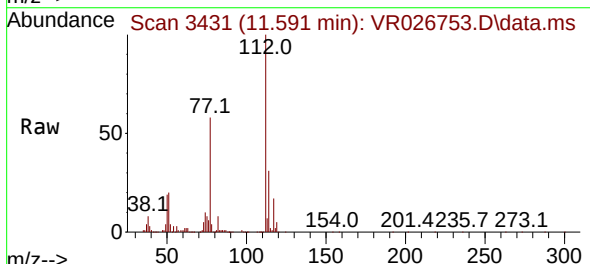
Manual Integrations
APPROVED

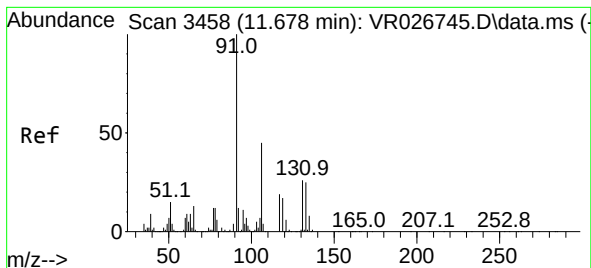
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#64
Chlorobenzene
Concen: 21.200 ug/l
RT: 11.591 min Scan# 3431
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Tgt Ion:112 Resp: 1138013
Ion Ratio Lower Upper
112 100
114 30.7 28.0 42.0





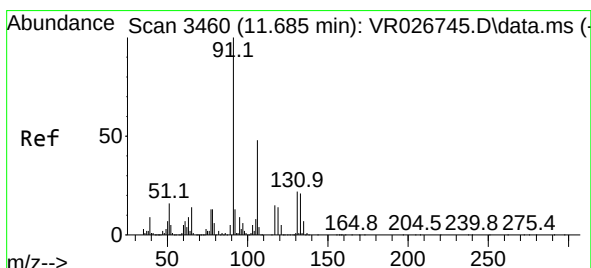
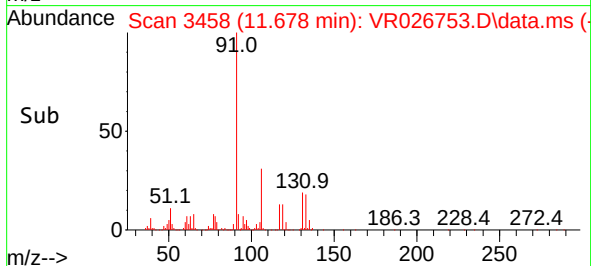
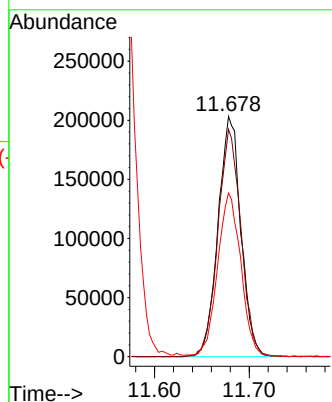
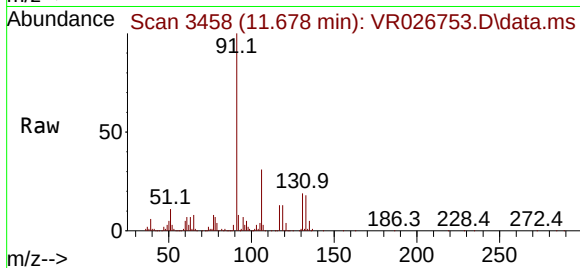
#65
1,1,1,2-Tetrachloroethane
Concen: 18.856 ug/l
RT: 11.678 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

Instrument : MSVOA_R
ClientSampleId : VR0821WBSD01

Tgt Ion:131 Resp: 339848
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 69.9 33.9 101.7

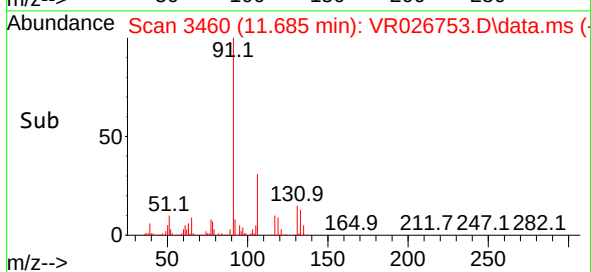
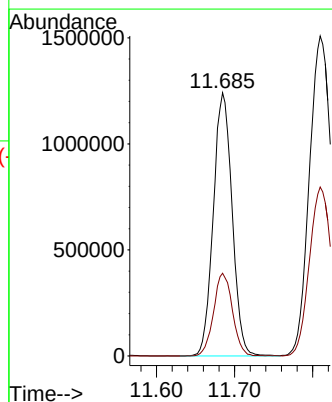
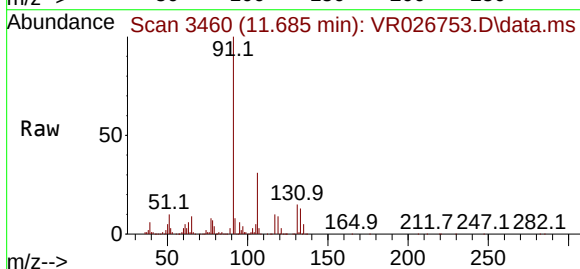
Manual Integrations
APPROVED

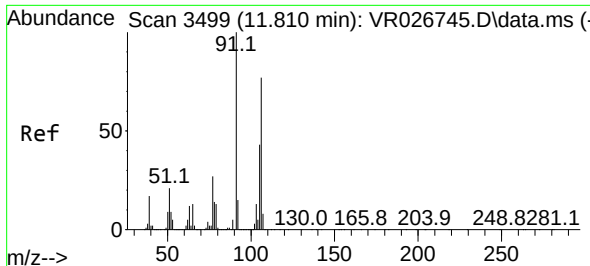
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#66
Ethyl Benzene
Concen: 23.146 ug/l
RT: 11.685 min Scan# 3460
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

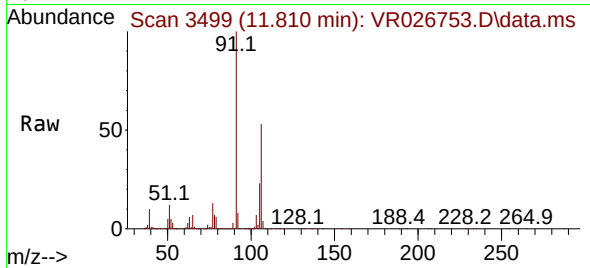
Tgt Ion: 91 Resp: 2077423
Ion Ratio Lower Upper
91 100
106 31.4 38.7 58.1#





#67
m/p-Xylenes
Concen: 42.296 ug/l
RT: 11.810 min Scan# 3499
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

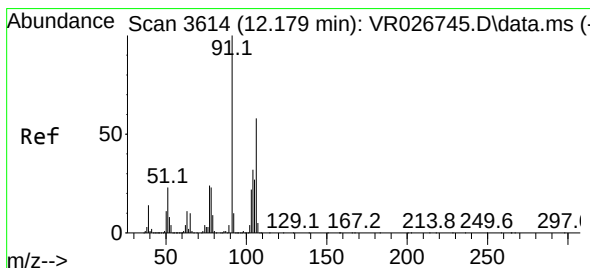
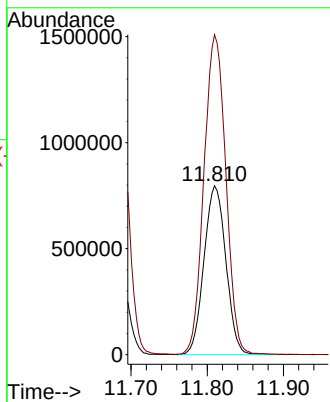
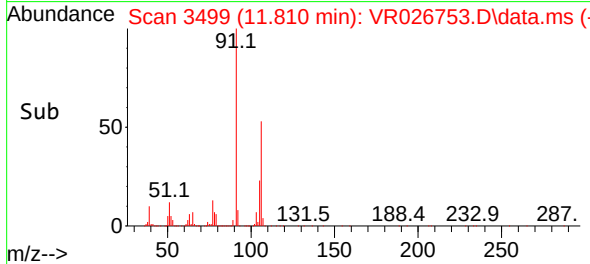
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



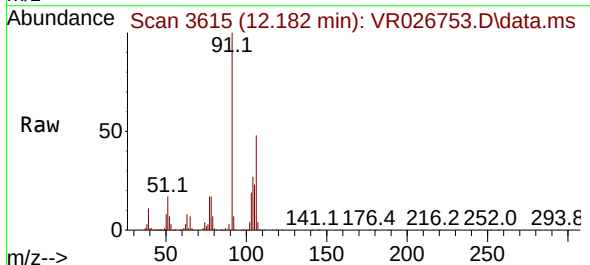
Tgt Ion:106 Resp: 1588493
Ion Ratio Lower Upper
106 100
91 188.9 121.6 182.4

Manual Integrations
APPROVED

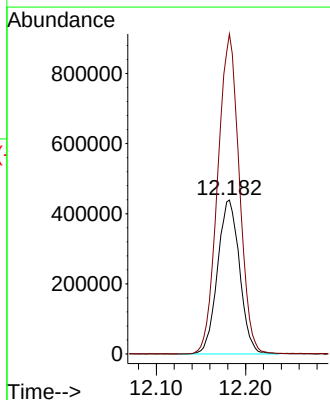
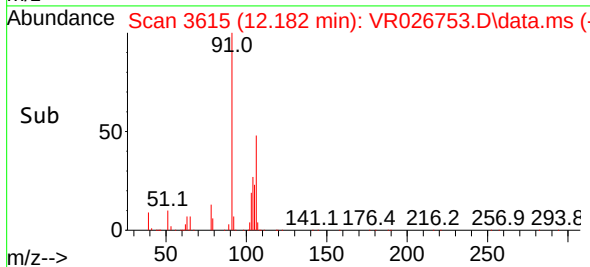
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

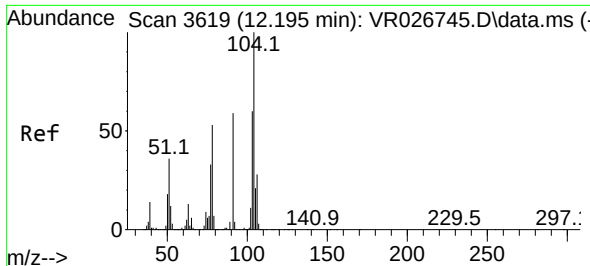


#68
o-Xylene
Concen: 19.815 ug/l
RT: 12.182 min Scan# 3615
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



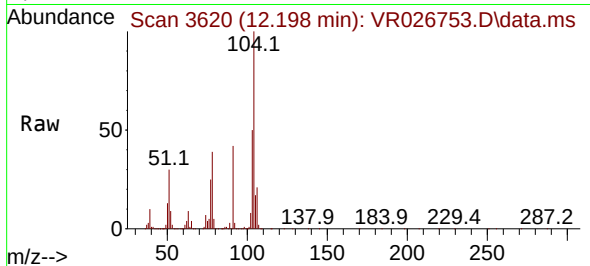
Tgt Ion:106 Resp: 754054
Ion Ratio Lower Upper
106 100
91 204.1 93.7 281.1





#69
Styrene
Concen: 20.736 ug/l
RT: 12.198 min Scan# 3620
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

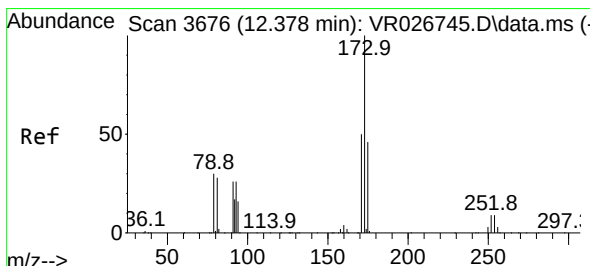
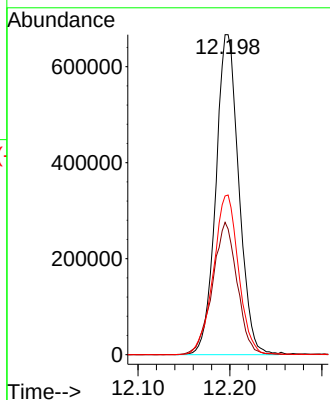
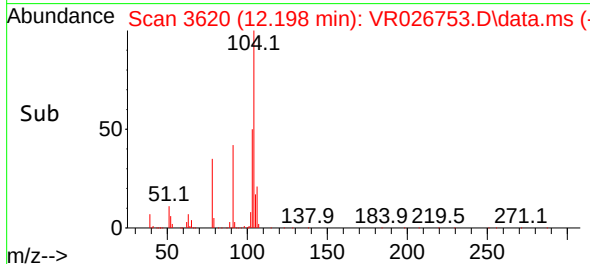
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



Tgt Ion:104 Resp: 116125
Ion Ratio Lower Upper
104 100
78 44.6 42.5 63.7
103 54.5 47.5 71.3

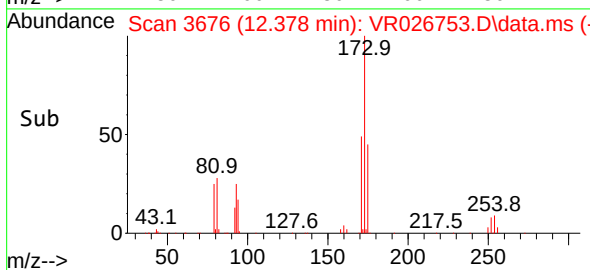
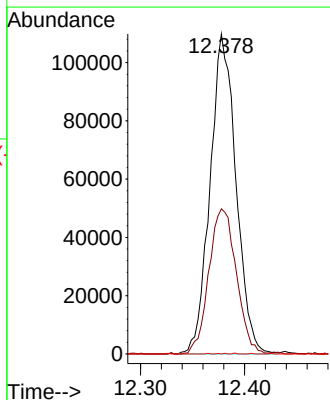
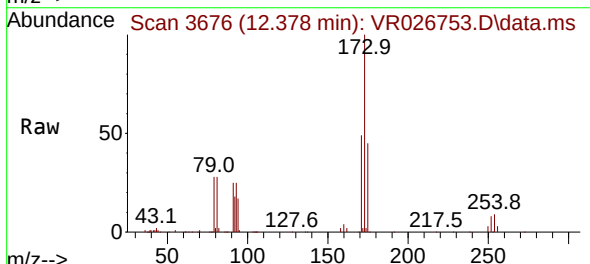
Manual Integrations
APPROVED

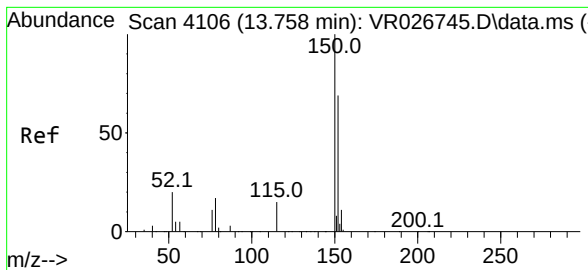
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#70
Bromoform
Concen: 19.524 ug/l
RT: 12.378 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

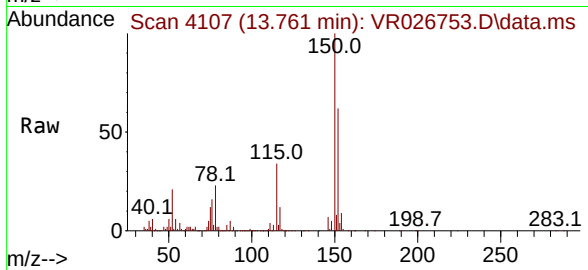
Tgt Ion:173 Resp: 189747
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.4
254 0.0 0.0 0.0#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.761 min Scan# 4106
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

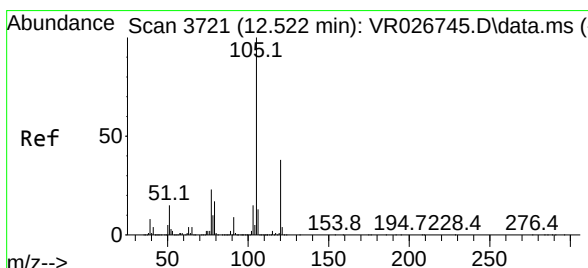
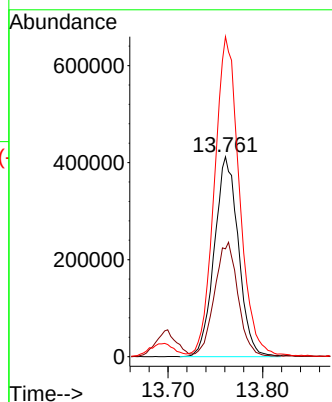
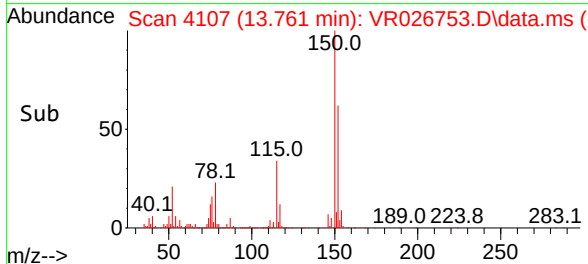
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



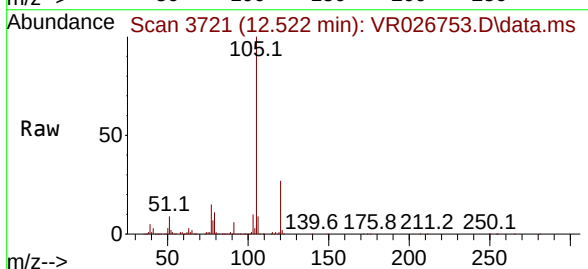
Tgt Ion:152 Resp: 72356
Ion Ratio Lower Upper
152 100
115 55.9 28.5 85.5
150 166.2 0.0 352.0

Manual Integrations
APPROVED

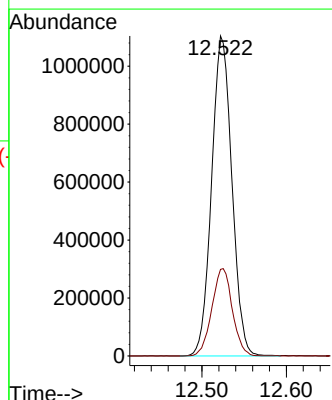
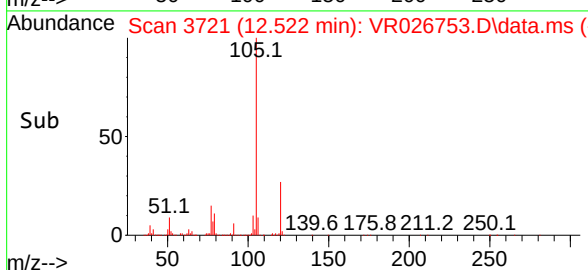
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

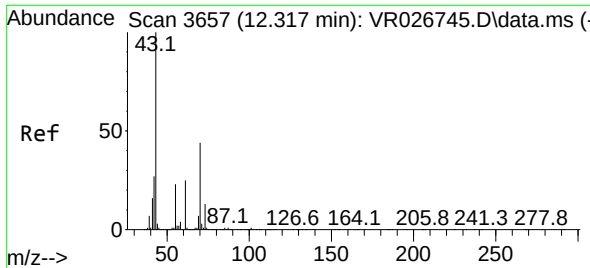


#72
Isopropylbenzene
Concen: 23.427 ug/l
RT: 12.522 min Scan# 3721
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



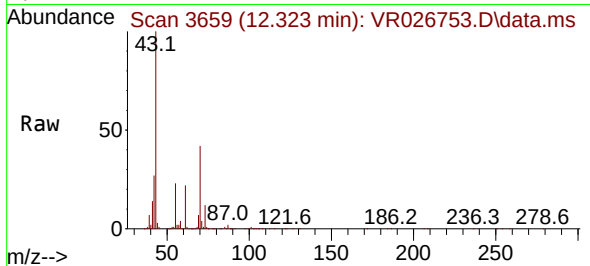
Tgt Ion:105 Resp: 1840017
Ion Ratio Lower Upper
105 100
120 27.6 16.4 49.2





#73
N-amy1 acetate
Concen: 18.830 ug/l
RT: 12.323 min Scan# 30
Delta R.T. 0.006 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

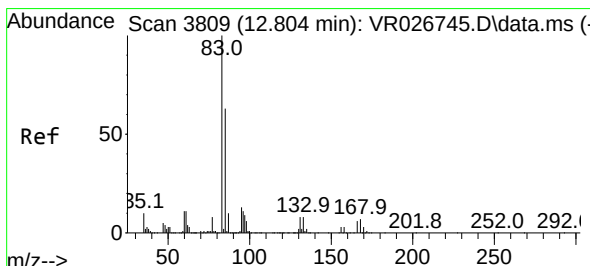
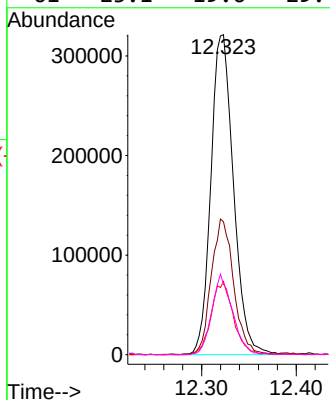
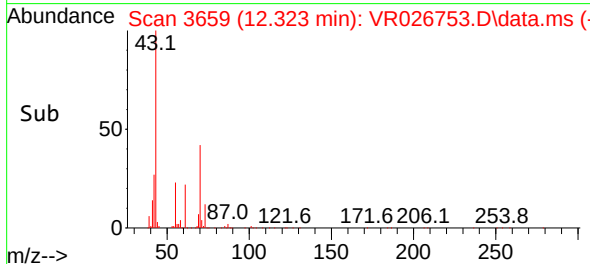
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



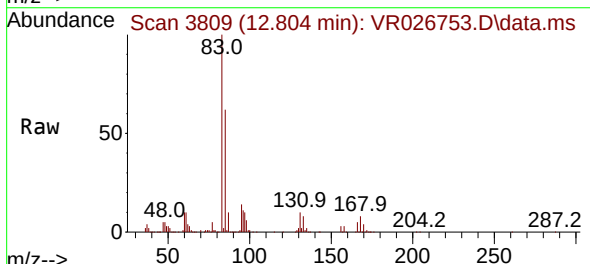
Tgt Ion: 43 Resp: 53395
Ion Ratio Lower Upper
43 100
70 42.1 34.1 51.1
55 22.4 18.1 27.1
61 23.1 19.6 29.4

Manual Integrations
APPROVED

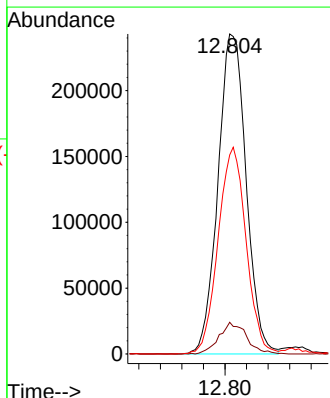
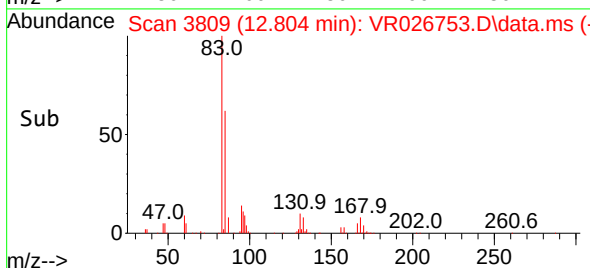
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

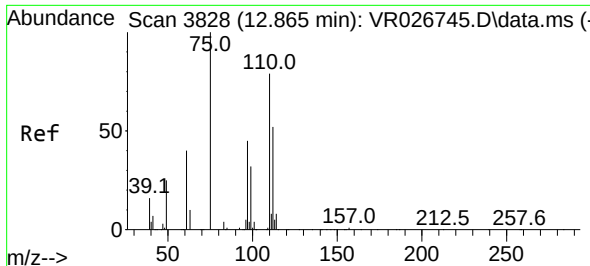


#74
1,1,2,2-Tetrachloroethane
Concen: 19.628 ug/l
RT: 12.804 min Scan# 3809
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



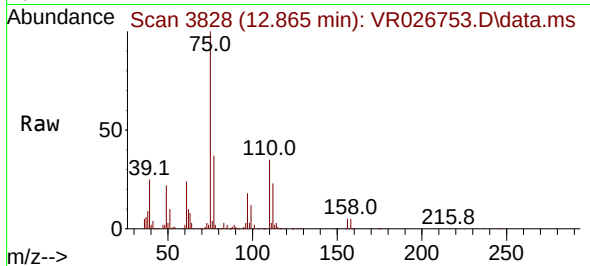
Tgt Ion: 83 Resp: 441300
Ion Ratio Lower Upper
83 100
131 9.6 4.6 13.8
85 64.1 31.7 95.1





#75
1,2,3-Trichloropropane
Concen: 18.669 ug/l m
RT: 12.865 min Scan# 3828
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

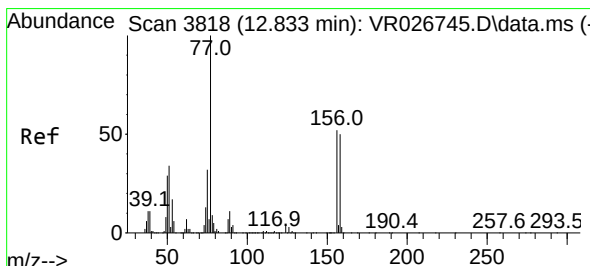
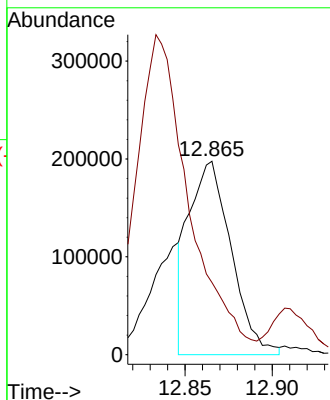
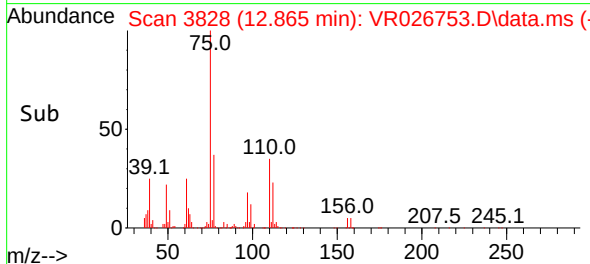
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



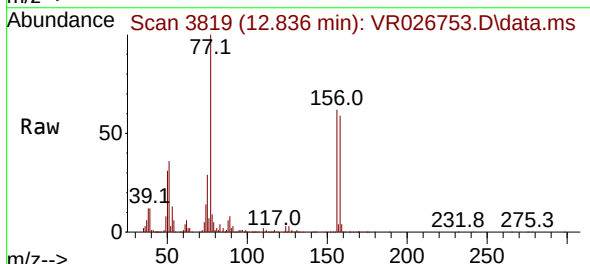
Tgt Ion: 75 Resp: 332994
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Manual Integrations
APPROVED

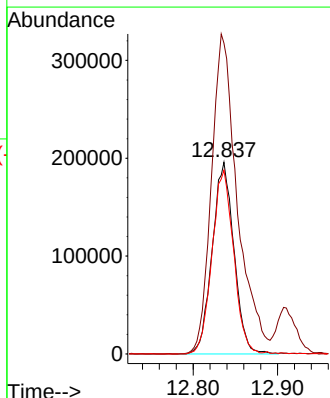
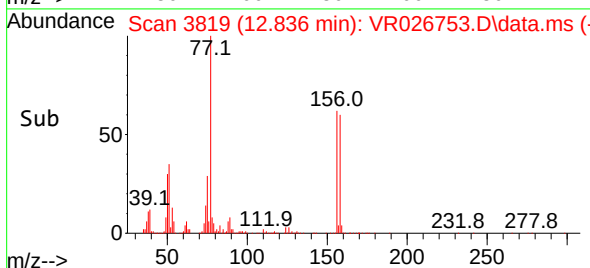
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

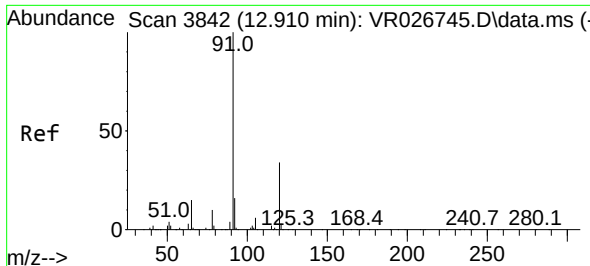


#76
Bromobenzene
Concen: 20.348 ug/l
RT: 12.836 min Scan# 3819
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



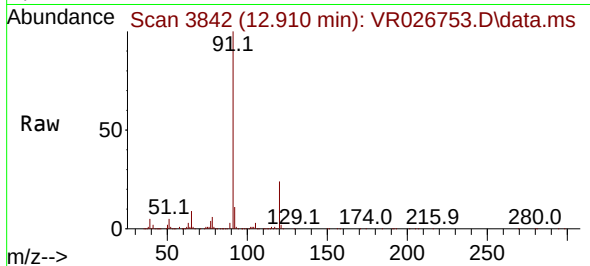
Tgt Ion:156 Resp: 349822
Ion Ratio Lower Upper
156 100
77 198.9 109.8 329.4
158 95.3 47.5 142.6





#77
n-propylbenzene
Concen: 23.961 ug/l
RT: 12.910 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

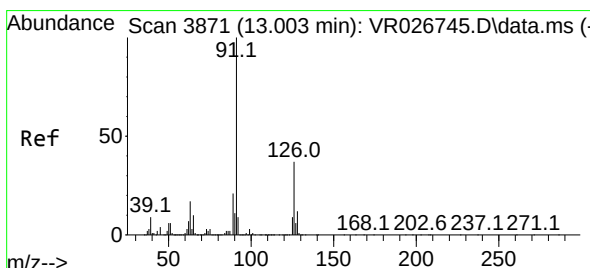
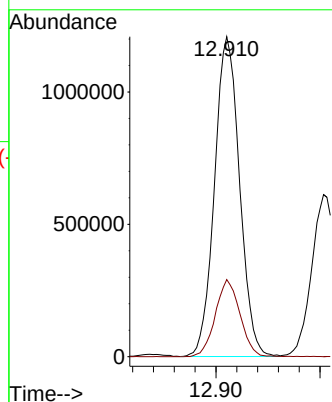
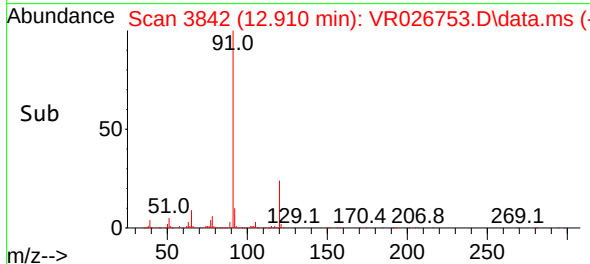
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



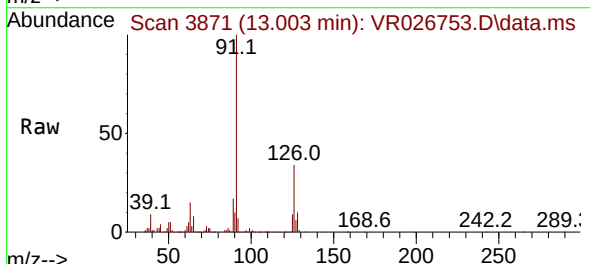
Tgt Ion: 91 Resp: 201760
Ion Ratio Lower Upper
91 100
120 23.7 14.2 42.8

Manual Integrations
APPROVED

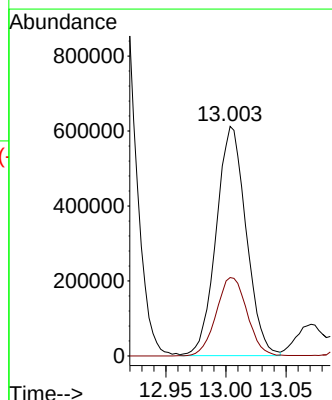
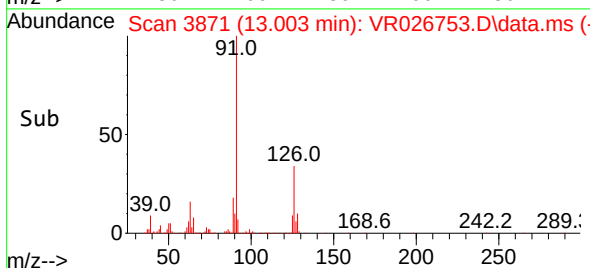
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

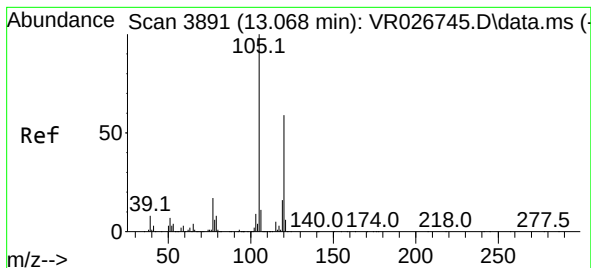


#78
2-Chlorotoluene
Concen: 21.345 ug/l
RT: 13.003 min Scan# 3871
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



Tgt Ion: 91 Resp: 1061445
Ion Ratio Lower Upper
91 100
126 35.3 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 22.732 ug/l

RT: 13.071 min Scan# 3891

Delta R.T. 0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion:105 Resp: 133327

Ion Ratio Lower Upper

105 100

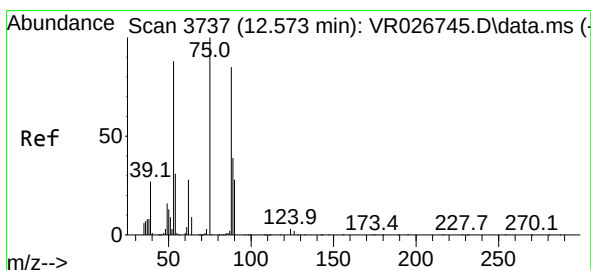
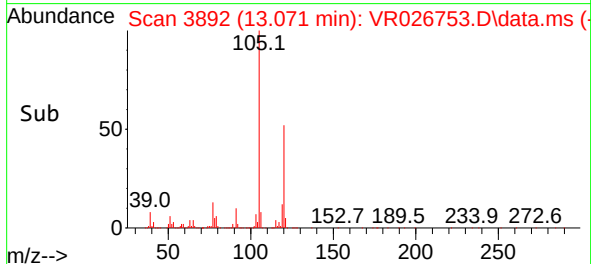
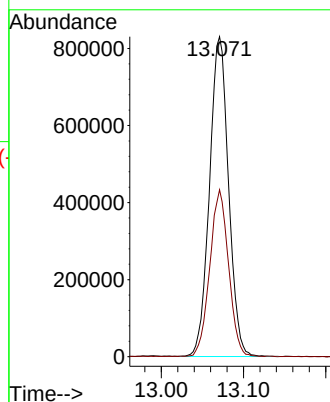
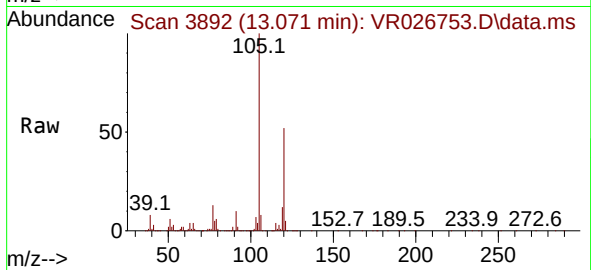
120 51.4 27.8 83.4

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: 18.420 ug/l

RT: 12.580 min Scan# 3739

Delta R.T. 0.007 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

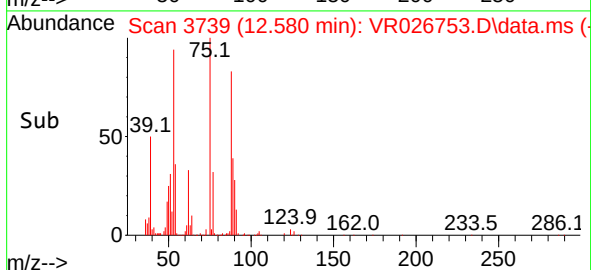
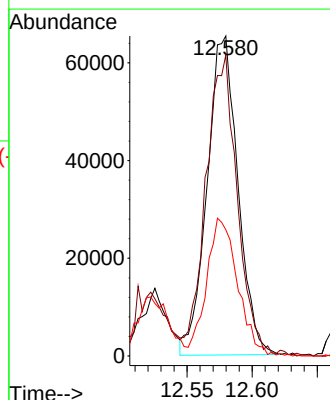
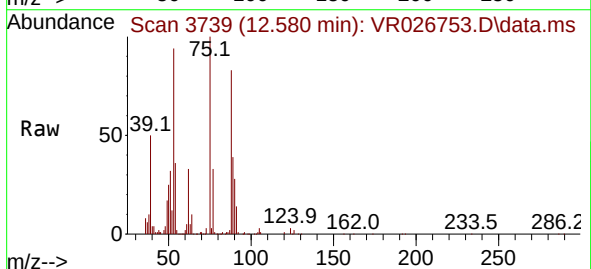
Tgt Ion: 75 Resp: 107678

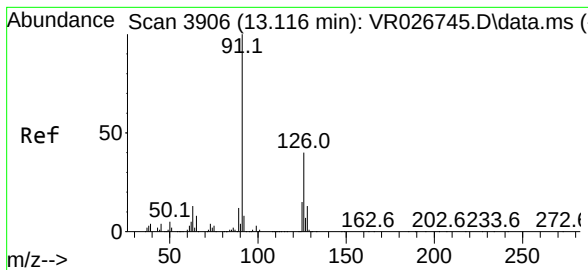
Ion Ratio Lower Upper

75 100

53 94.6 70.9 106.3

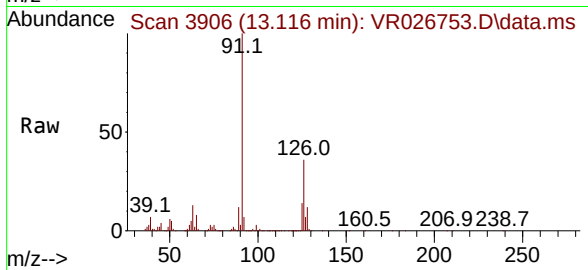
89 43.5 33.4 50.0





#81
4-Chlorotoluene
Concen: 21.214 ug/l
RT: 13.116 min Scan# 3906
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

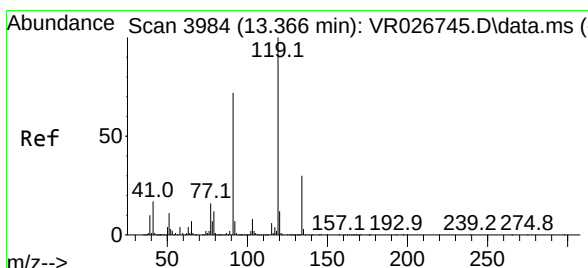
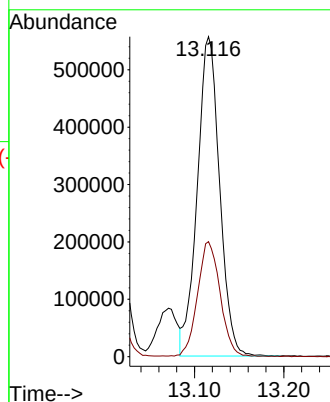
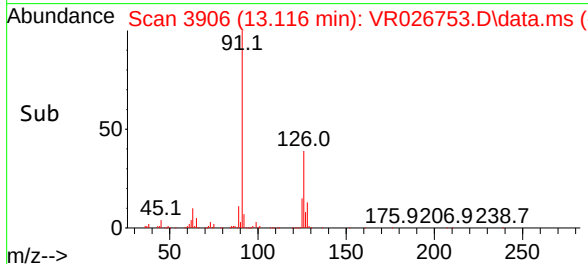
Instrument : MSVOA_R
ClientSampleId : VR0821WBSD01



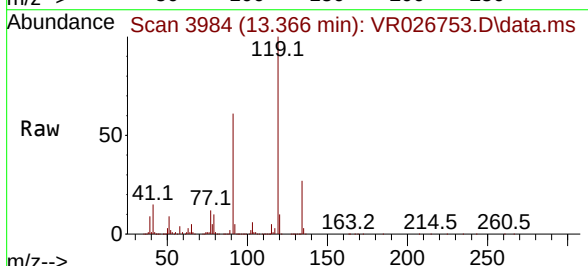
Tgt Ion: 91 Resp: 966590
Ion Ratio Lower Upper
91 100
126 36.1 18.2 54.6

Manual Integrations
APPROVED

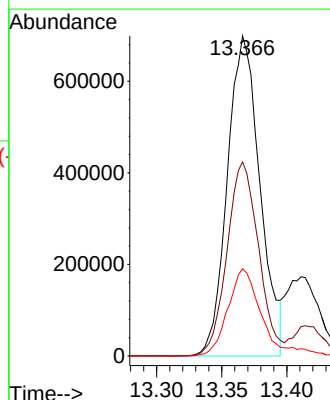
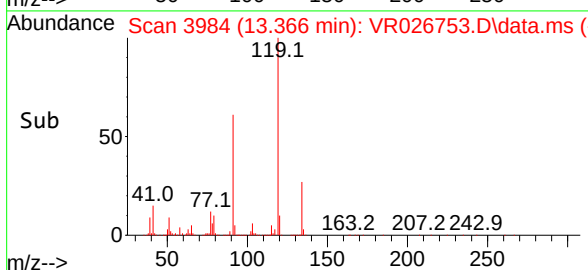
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

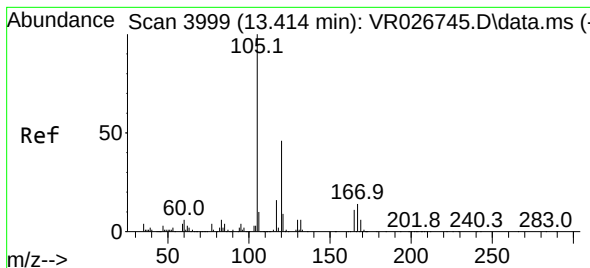


#82
tert-Butylbenzene
Concen: 22.237 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



Tgt Ion:119 Resp: 1219337
Ion Ratio Lower Upper
119 100
91 58.8 33.5 100.5
134 28.3 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 21.560 ug/l

RT: 13.417 min Scan# 4000

Delta R.T. 0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion:105 Resp: 1153019

Ion Ratio Lower Upper

105 100

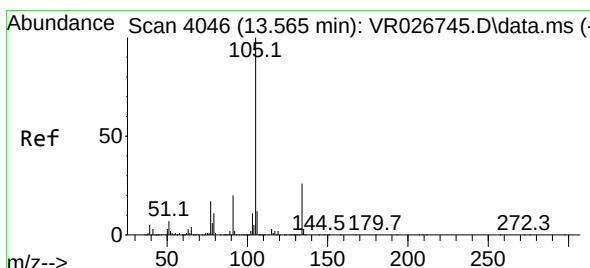
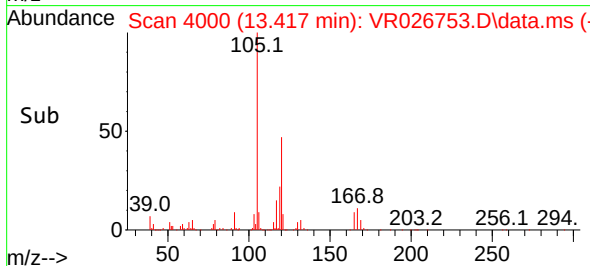
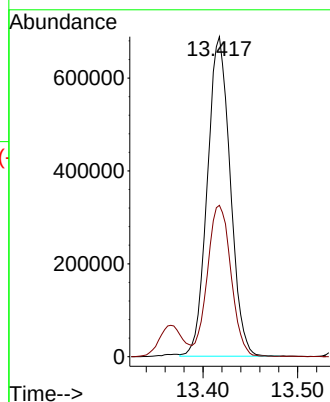
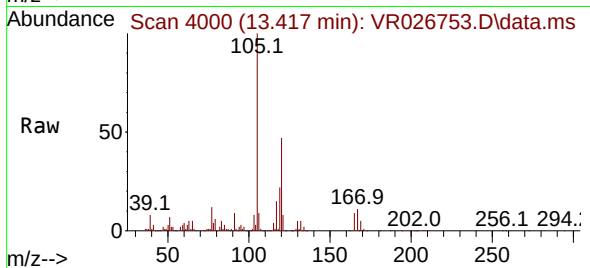
120 48.7 25.3 75.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#84

sec-Butylbenzene

Concen: 22.946 ug/l

RT: 13.568 min Scan# 4047

Delta R.T. 0.003 min

Lab File: VR026753.D

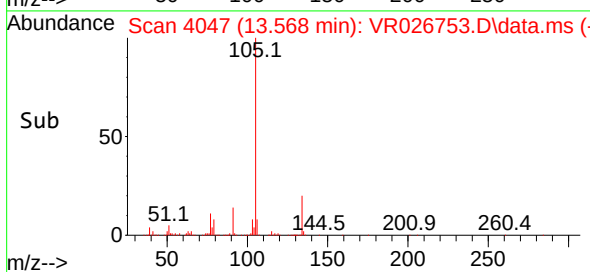
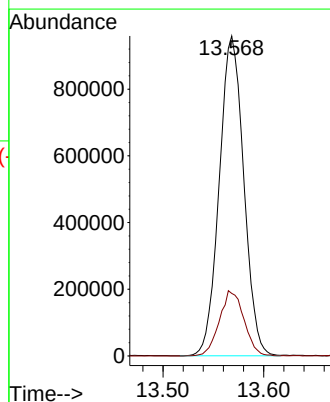
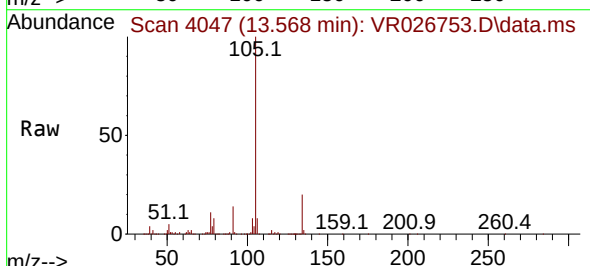
Acq: 21 Aug 2025 12:19

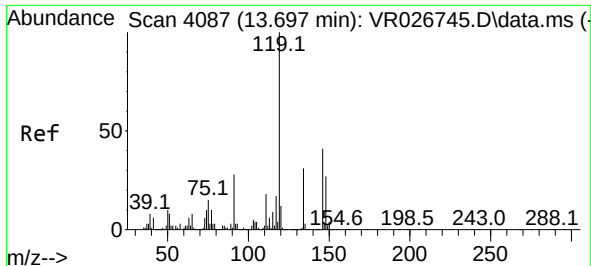
Tgt Ion:105 Resp: 1618350

Ion Ratio Lower Upper

105 100

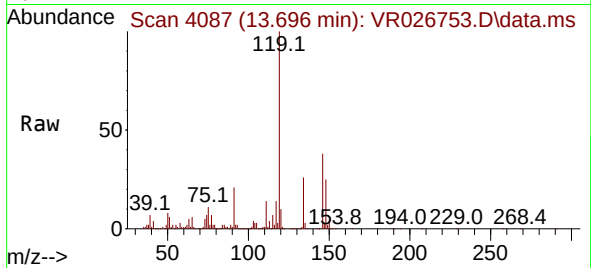
134 20.5 11.6 34.7





#85
p-Isopropyltoluene
Concen: 21.940 ug/l
RT: 13.696 min Scan# 4087
Delta R.T. -0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

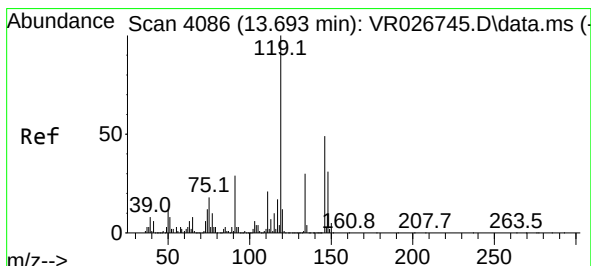
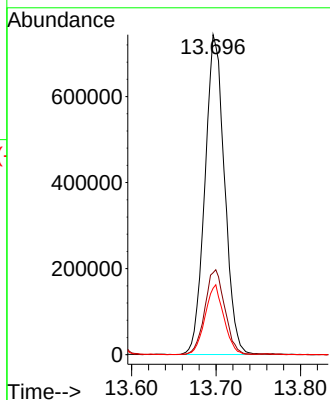
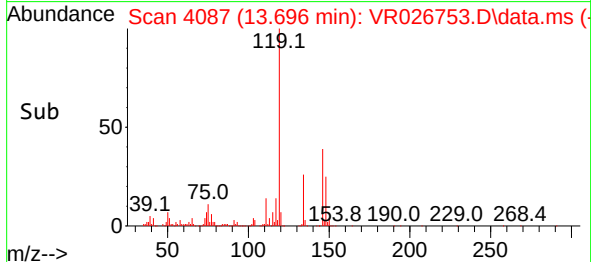
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



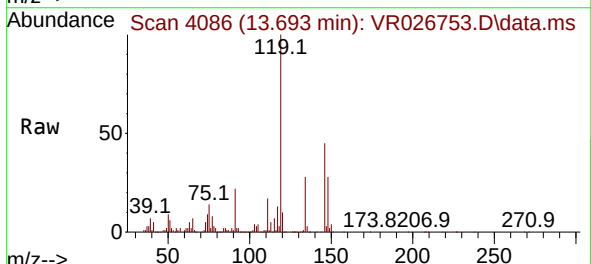
Tgt Ion:119 Resp: 1202439
Ion Ratio Lower Upper
119 100
134 27.0 14.4 43.2
91 20.9 12.7 38.0

Manual Integrations
APPROVED

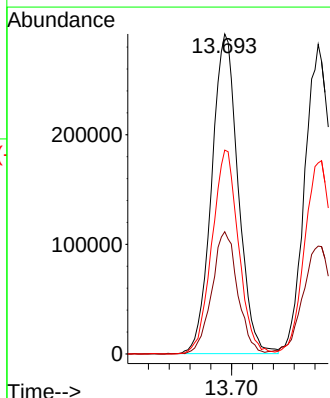
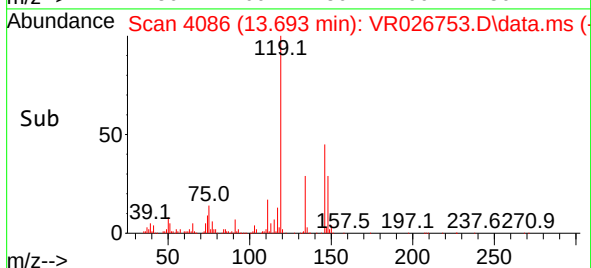
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

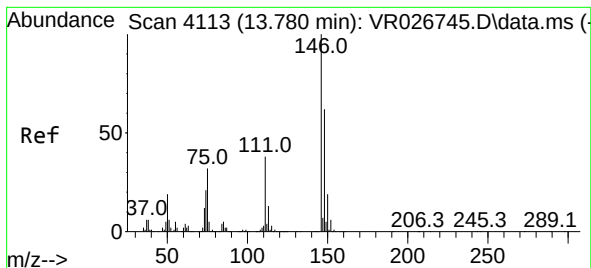


#86
1,3-Dichlorobenzene
Concen: 20.209 ug/l
RT: 13.693 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



Tgt Ion:146 Resp: 515977
Ion Ratio Lower Upper
146 100
111 37.3 20.9 62.7
148 64.1 31.8 95.3





#87

1,4-Dichlorobenzene

Concen: 20.665 ug/l

RT: 13.783 min Scan# 4113

Delta R.T. 0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01

Tgt Ion:146 Resp: 50831

Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.6

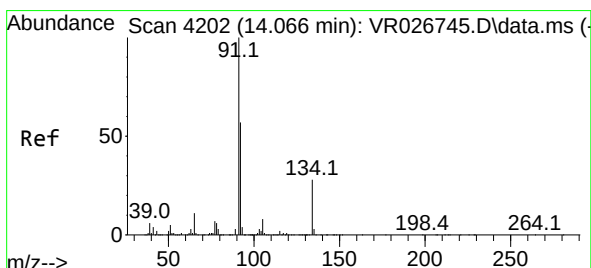
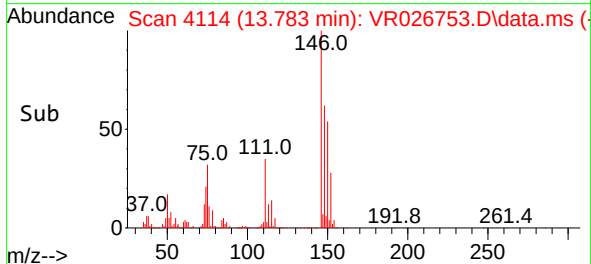
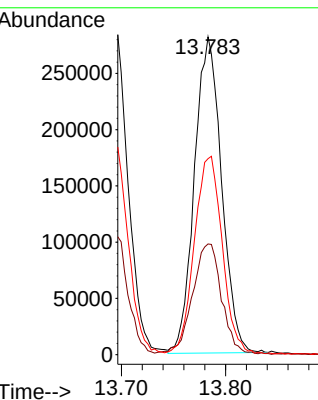
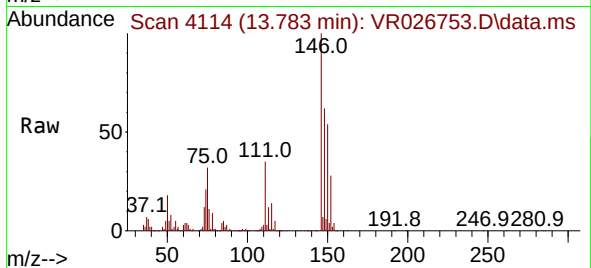
148 64.7 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#88

n-Butylbenzene

Concen: 21.721 ug/l

RT: 14.066 min Scan# 4202

Delta R.T. -0.000 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

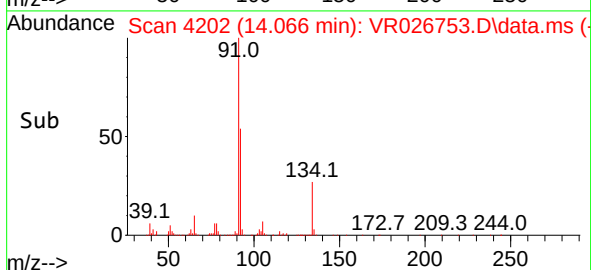
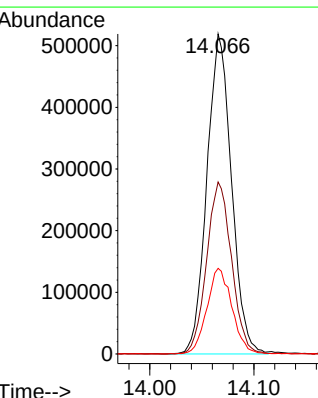
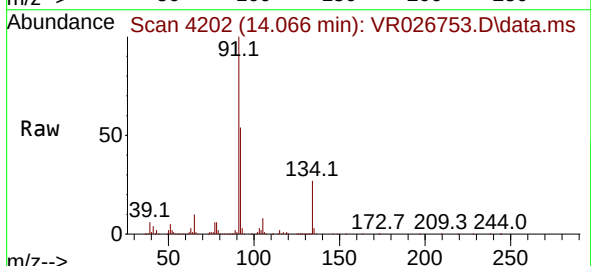
Tgt Ion: 91 Resp: 850580

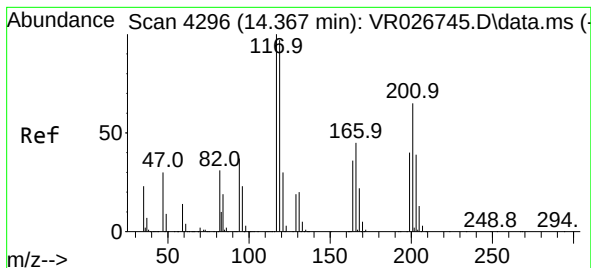
Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

134 27.3 13.5 40.5





#89

Hexachloroethane

Concen: 20.976 ug/l

RT: 14.364 min Scan# 41

Delta R.T. -0.003 min

Lab File: VR026753.D

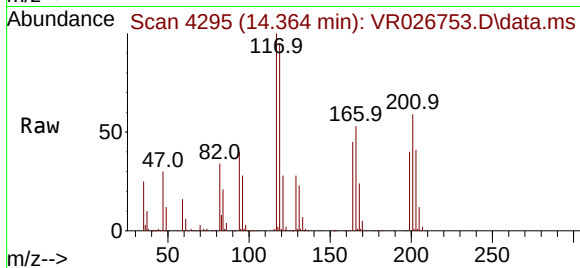
Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

VR0821WBSD01



Tgt Ion:117 Resp: 186462

Ion Ratio Lower Upper

117 100

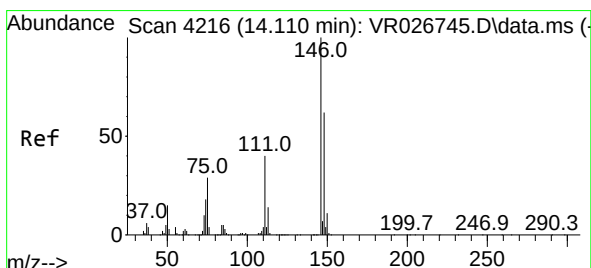
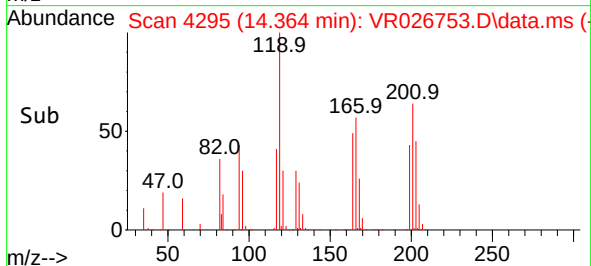
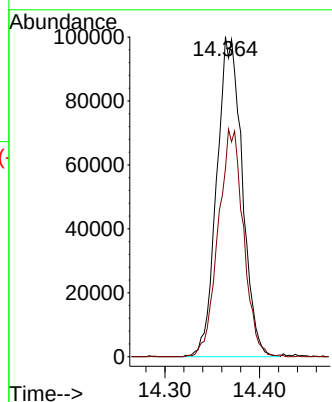
201 70.8 33.3 99.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#90

1,2-Dichlorobenzene

Concen: 21.035 ug/l

RT: 14.110 min Scan# 4216

Delta R.T. 0.000 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

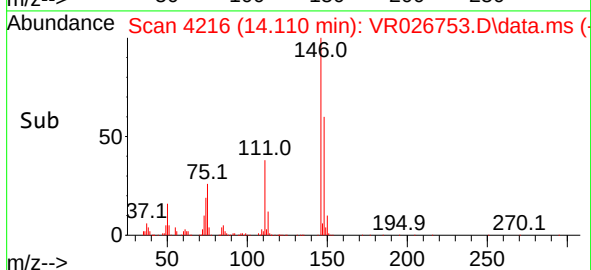
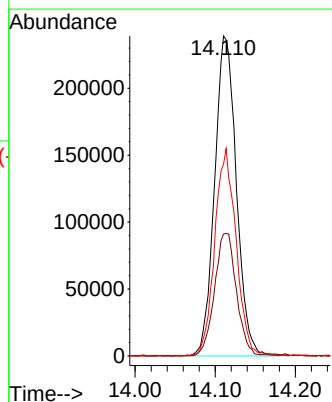
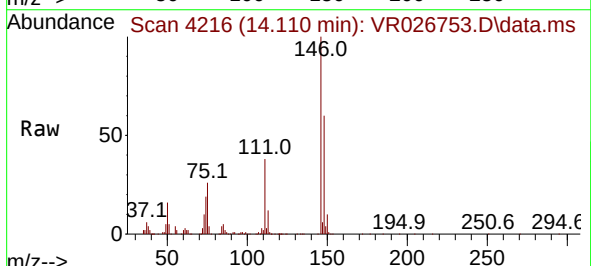
Tgt Ion:146 Resp: 451018

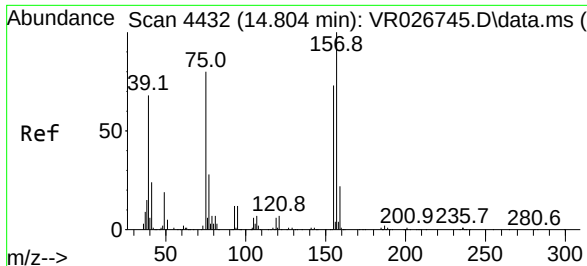
Ion Ratio Lower Upper

146 100

111 38.4 19.9 59.7

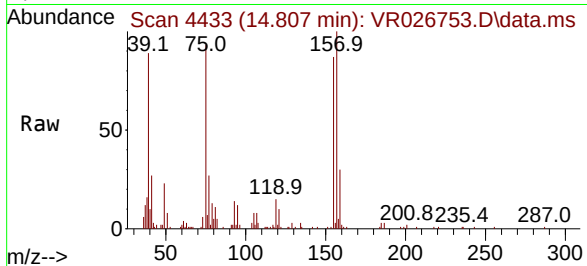
148 63.4 31.5 94.5





#91
1,2-Dibromo-3-Chloropropane
Concen: 19.387 ug/l
RT: 14.807 min Scan# 4432
Delta R.T. 0.003 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19

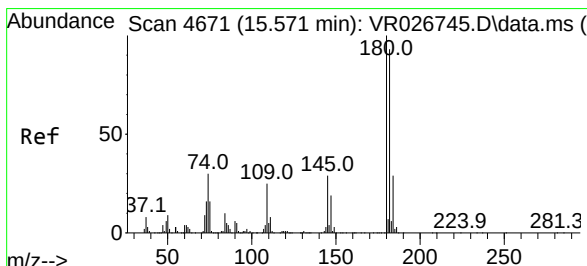
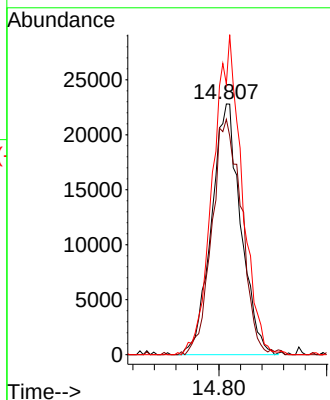
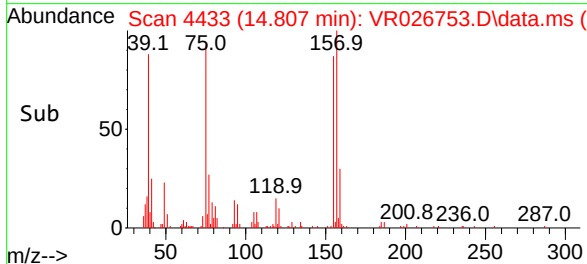
Instrument :
MSVOA_R
ClientSampleId :
VR0821WBSD01



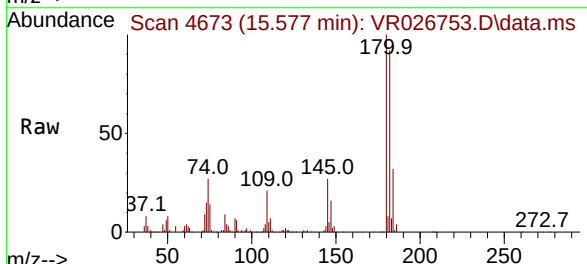
Tgt Ion: 75 Resp: 43220
Ion Ratio Lower Upper
75 100
155 94.4 48.4 145.3
157 126.2 62.3 186.8

Manual Integrations
APPROVED

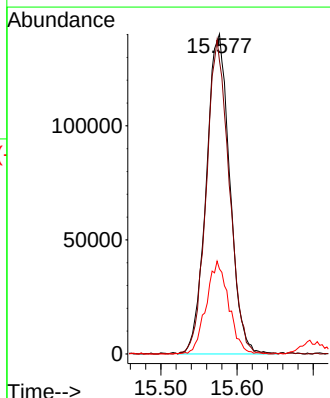
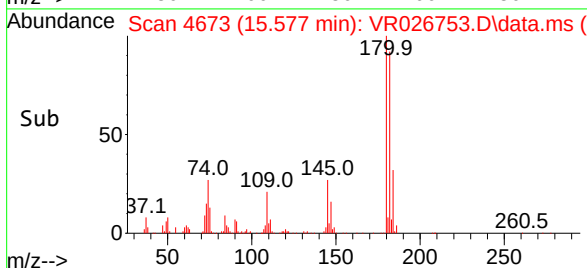
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

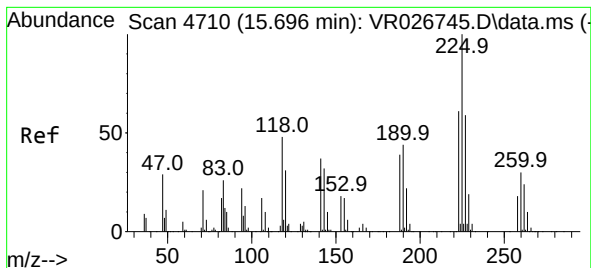


#92
1,2,4-Trichlorobenzene
Concen: 21.372 ug/l
RT: 15.577 min Scan# 4673
Delta R.T. 0.006 min
Lab File: VR026753.D
Acq: 21 Aug 2025 12:19



Tgt Ion:180 Resp: 301082
Ion Ratio Lower Upper
180 100
182 95.3 47.1 141.4
145 27.9 14.4 43.4





#93

Hexachlorobutadiene

Concen: 22.148 ug/l

RT: 15.696 min Scan# 4710

Delta R.T. -0.000 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

Instrument :

MSVOA_R

ClientSampleId :

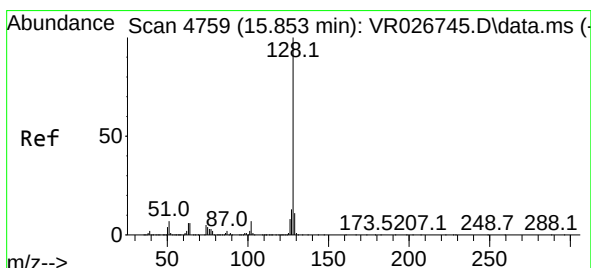
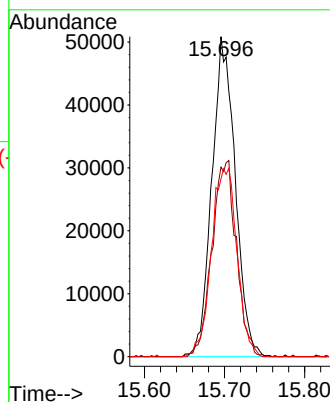
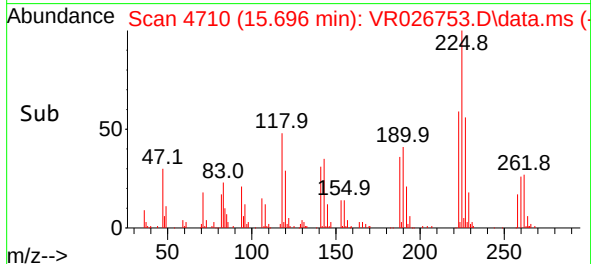
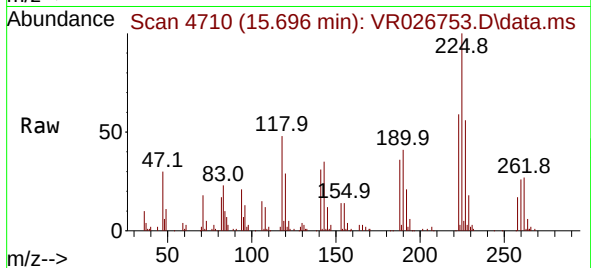
VR0821WBSD01

Tgt Ion:	225	Resp:	10284
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.5	94.5
227	64.6	31.3	93.8

Manual Integrations

APPROVED

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



#94

Naphthalene

Concen: 21.100 ug/l

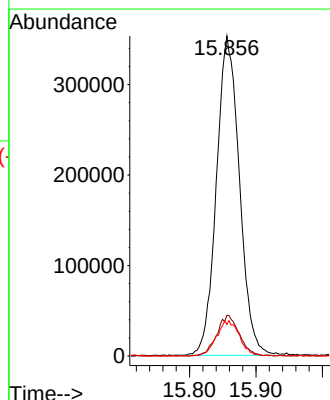
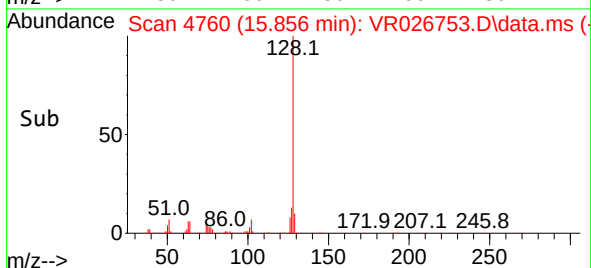
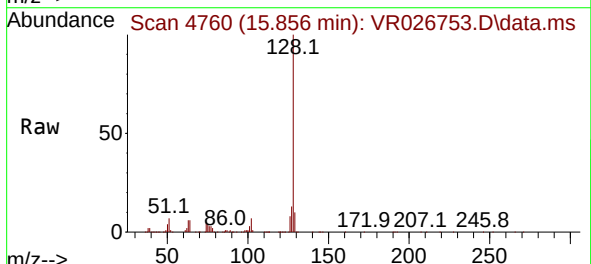
RT: 15.856 min Scan# 4760

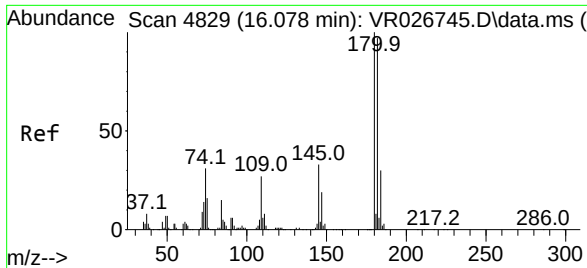
Delta R.T. 0.003 min

Lab File: VR026753.D

Acq: 21 Aug 2025 12:19

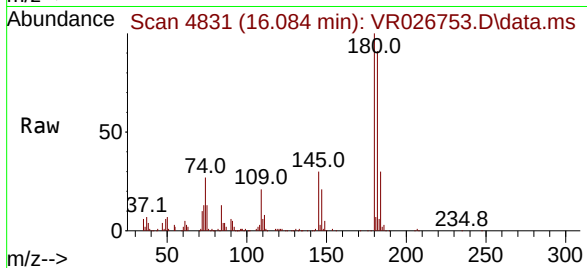
Tgt Ion:	128	Resp:	849928
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.0	15.0
129	10.8	8.7	13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 21.433 ug/l
 RT: 16.084 min Scan# 481
 Delta R.T. 0.006 min
 Lab File: VR026753.D
 Acq: 21 Aug 2025 12:19

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0821WBSD01



Tgt Ion:	180	Resp:	292980
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.5	142.6
145	29.6	15.6	46.8

Manual Integrations
 APPROVED

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

