

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082025\
 Data File : VR026746.D
 Acq On : 20 Aug 2025 17:14
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 21 08:41:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:23:46 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	2938411	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.389	114	4495060	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.563	117	3505422	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	928230	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.767	65	3961044	107.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 214.680%#	
34) Dibromofluoromethane	7.292	113	3195232	108.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 217.980%#	
49) Toluene-d8	10.074	98	7800516	79.367	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 158.740%#	
61) 4-Bromofluorobenzene	12.692	95	2785043	99.870	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 199.740%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.814	85	2551426	91.887	ug/l	99
3) Chloromethane	1.814	50	278533	84.310	ug/l #	99
4) Vinyl Chloride	2.119	62	3845590	84.168	ug/l	100
5) Bromomethane	2.433	94	740629	52.800	ug/l	97
6) Chloroethane	2.546	64	1637240	102.459	ug/l	93
7) Trichlorofluoromethane	2.844	101	6610914	74.643	ug/l	93
8) Diethyl Ether	3.232	74	2813930	99.320	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.521	101	3519068	99.434	ug/l	100
10) Methyl Iodide	3.701	142	3897129	103.610	ug/l	98
11) Tert butyl alcohol	4.516	59	2842653	501.097	ug/l #	84
12) 1,1-Dichloroethene	3.505	96	3877318	100.957	ug/l	95
13) Acrolein	3.402	56	1703273	506.026	ug/l	98
14) Allyl chloride	4.038	41	6830297	96.504	ug/l	96
15) Acrylonitrile	4.657	53	10493458	432.506	ug/l	94
16) Acetone	3.605	43	8035875	411.405	ug/l	88
17) Carbon Disulfide	3.791	76	9119832	97.774	ug/l #	91
18) Methyl Acetate	4.057	43	5472236	96.170	ug/l	99
19) Methyl tert-butyl Ether	4.715	73	11448191	93.984	ug/l #	83
20) Methylene Chloride	4.246	84	4013765	96.315	ug/l	97
21) trans-1,2-Dichloroethene	4.686	96	4046374	100.768	ug/l	99
22) Diisopropyl ether	5.610	45	12184763	83.681	ug/l #	78
23) Vinyl Acetate	5.540	43	21585528	263.280	ug/l #	64
24) 1,1-Dichloroethane	5.479	63	6998996	97.678	ug/l	98
25) 2-Butanone	6.496	43	11591017	382.196	ug/l #	70
26) 2,2-Dichloropropane	6.467	77	5498956	112.023	ug/l	99
27) cis-1,2-Dichloroethene	6.470	96	4685102	103.087	ug/l	98
28) Bromochloromethane	6.858	49	1960841	92.463	ug/l	98
29) Chloroform	7.057	83	6355123	98.715	ug/l	92
30) Cyclohexane	7.365	56	6695518	88.608	ug/l	94
31) 1,1,1-Trichloroethane	7.272	97	5763280	110.247	ug/l	97
35) 1,1-Dichloropropene	7.513	75	5009042	109.713	ug/l	97
36) Ethyl Acetate	6.602	43	6054456	103.463	ug/l	98
37) Carbon Tetrachloride	7.494	117	5101797	124.178	ug/l	96
38) Methylcyclohexane	8.941	83	5786358	101.281	ug/l	88
39) Benzene	7.783	78	10668996	76.119	ug/l #	64
40) Methacrylonitrile	6.842	41	3337556	109.559	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.872	62	4134817	106.395	ug/l	99
42) Isopropyl Acetate	7.943	43	7625090	92.084	ug/l #	90
43) Trichloroethene	8.662	130	3272129	107.007	ug/l	100
44) 1,2-Dichloropropane	8.973	63	3654797	108.921	ug/l	97
45) Dibromomethane	9.073	93	2498513	117.215	ug/l	99
46) Bromodichloromethane	9.294	83	4448873	112.127	ug/l	92
47) Methyl methacrylate	9.079	41	4407579	109.054	ug/l	94
48) 1,4-Dioxane	9.079	88	979770	1887.073	ug/l	98
50) 4-Methyl-2-Pentanone	9.965	43	11324493	382.270	ug/l	86
51) Toluene	10.148	92	6910552	86.342	ug/l	81
52) t-1,3-Dichloropropene	10.398	75	4373397	116.377	ug/l	89
53) cis-1,3-Dichloropropene	9.785	75	4890472	107.270	ug/l #	86
54) 1,1,2-Trichloroethane	10.603	97	3059303	107.690	ug/l	99
55) Ethyl methacrylate	10.465	69	5010813	102.545	ug/l	93
56) 1,3-Dichloropropane	10.767	76	4773997	99.701	ug/l	93
57) 2-Chloroethyl Vinyl ether	9.631	63	2255194	499.713	ug/l	99
58) 2-Hexanone	10.828	43	8970968	320.608	ug/l	89
59) Dibromochloromethane	10.988	129	3053183	114.260	ug/l	98
60) 1,2-Dibromoethane	11.104	107	2759309	107.470	ug/l	100
63) Tetrachloroethene	10.687	164	2666760	108.274	ug/l	99
64) Chlorobenzene	11.592	112	6699071	85.878	ug/l #	70
65) 1,1,1,2-Tetrachloroethane	11.678	131	3327223	127.037	ug/l	99
66) Ethyl Benzene	11.685	91	8996816	68.981	ug/l #	64
67) m/p-Xylenes	11.810	106	9007798	165.050	ug/l	83
68) o-Xylene	12.182	106	5714692	103.338	ug/l	71
69) Styrene	12.195	104	7338277	90.175	ug/l #	78
70) Bromoform	12.378	173	1547788	109.596	ug/l #	100
72) Isopropylbenzene	12.522	105	8303034	82.406	ug/l	76
73) N-amyl acetate	12.320	43	4025493	110.661	ug/l	96
74) 1,1,2,2-Tetrachloroethane	12.808	83	2807523	97.338	ug/l	98
75) 1,2,3-Trichloropropane	12.862	75	2178928m	104.296	ug/l	
76) Bromobenzene	12.833	156	2607396	118.224	ug/l	95
77) n-propylbenzene	12.910	91	8346678	77.270	ug/l	77
78) 2-Chlorotoluene	13.007	91	6268370	98.262	ug/l	90
79) 1,3,5-Trimethylbenzene	13.071	105	6553983	87.106	ug/l	89
80) trans-1,4-Dichloro-2-b...	12.577	75	982578	101.876	ug/l	98
81) 4-Chlorotoluene	13.116	91	5869924	100.425	ug/l	93
82) tert-Butylbenzene	13.366	119	6190587	88.005	ug/l	89
83) 1,2,4-Trimethylbenzene	13.414	105	6159599	89.780	ug/l	89
84) sec-Butylbenzene	13.568	105	6983113	77.179	ug/l	88
85) p-Isopropyltoluene	13.697	119	6003722	85.393	ug/l	87
86) 1,3-Dichlorobenzene	13.693	146	3507400	107.083	ug/l	96
87) 1,4-Dichlorobenzene	13.783	146	3194718	101.241	ug/l	97
88) n-Butylbenzene	14.062	91	5083507	101.194	ug/l	93
89) Hexachloroethane	14.367	117	1131832	99.249	ug/l	97
90) 1,2-Dichlorobenzene	14.111	146	3099017	112.664	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.804	75	397609	100.064	ug/l	98
92) 1,2,4-Trichlorobenzene	15.574	180	2211493	122.368	ug/l	98
93) Hexachlorobutadiene	15.696	225	746147	125.259	ug/l	100
94) Naphthalene	15.853	128	6226544	120.494	ug/l	96
95) 1,2,3-Trichlorobenzene	16.078	180	2125345	121.198	ug/l	99

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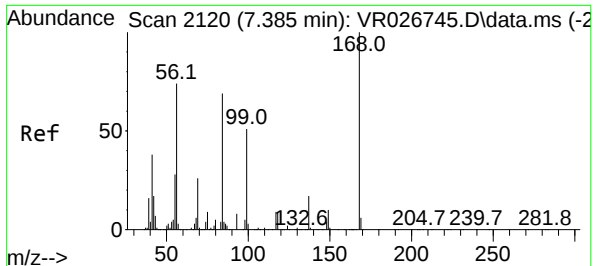
Manual Integrations
APPROVED

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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						



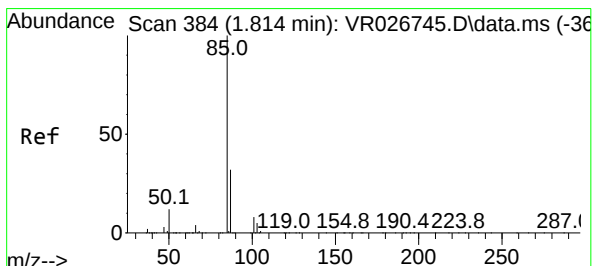
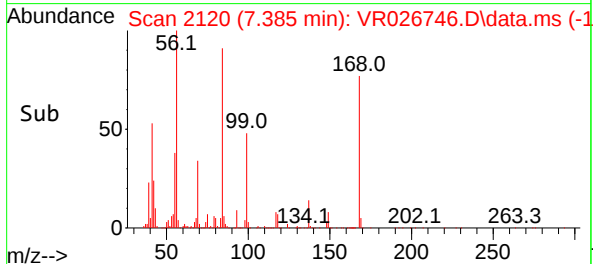
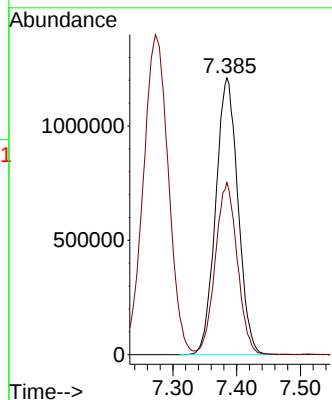
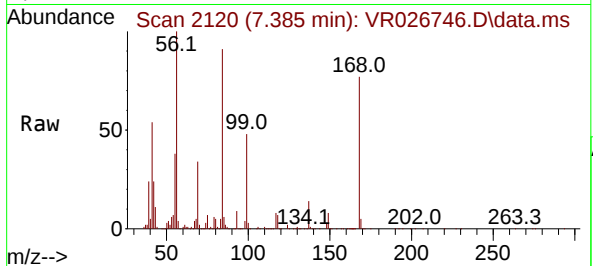
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.385 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VR026746.D
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Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 293841
Ion Ratio Lower Upper
168 100
99 62.0 47.1 70.7

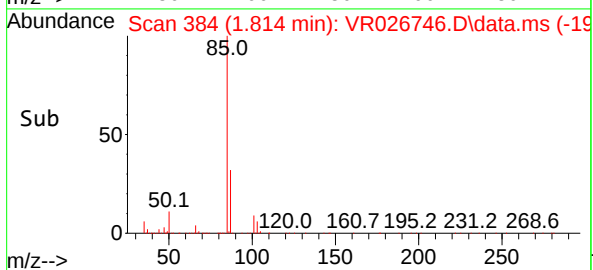
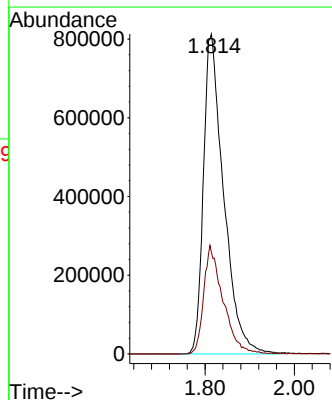
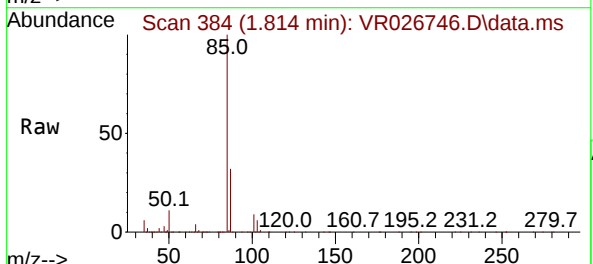
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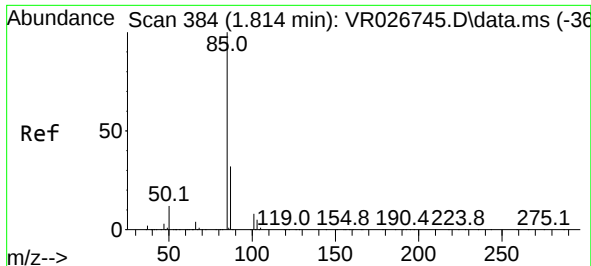
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#2
Dichlorodifluoromethane
Concen: 91.887 ug/l
RT: 1.814 min Scan# 384
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

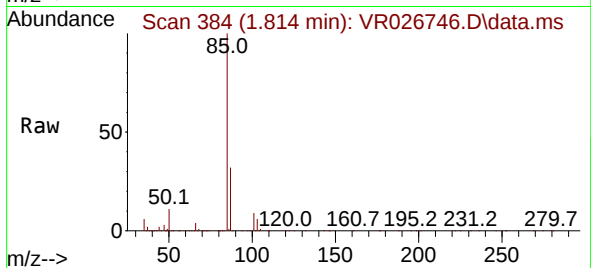
Tgt Ion: 85 Resp: 2551426
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2





#3
Chloromethane
Concen: 84.310 ug/l
RT: 1.814 min Scan# 384
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

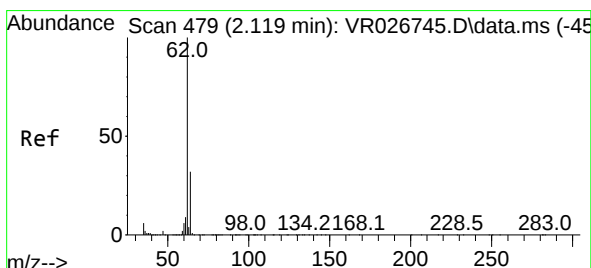
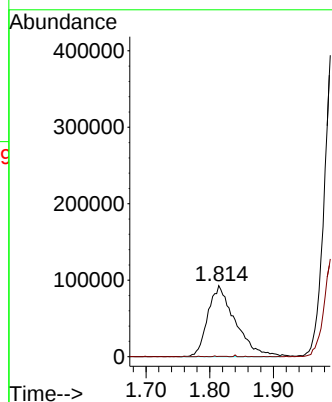
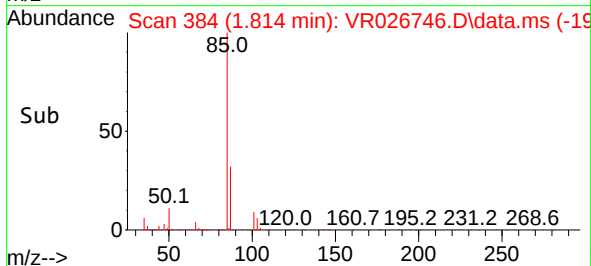
Instrument :
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ClientSampleId :
VSTDIC100



Tgt Ion: 50 Resp: 27853
Ion Ratio Lower Upper
50 100
52 0.5 0.6 1.0

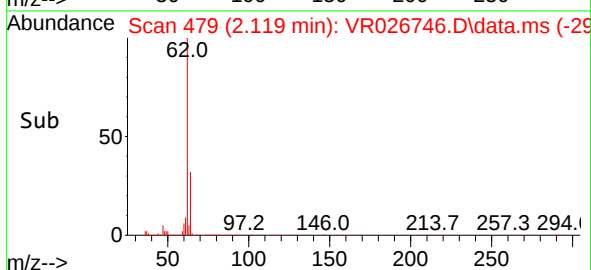
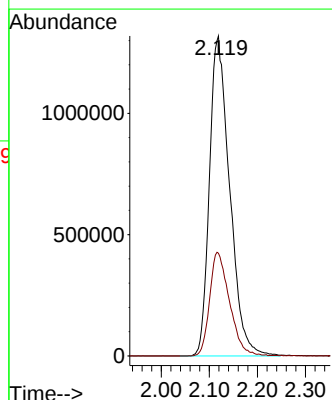
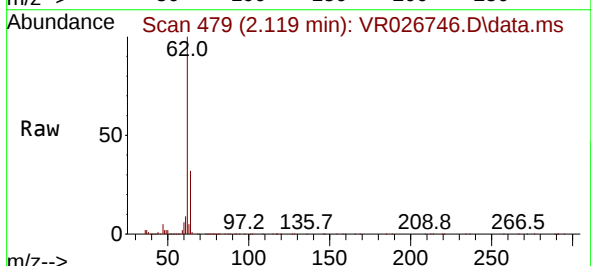
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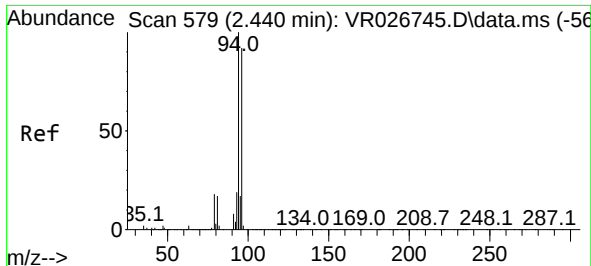
Reviewed By :Semsettin Yesilyurt 08/25/2025
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#4
Vinyl Chloride
Concen: 84.168 ug/l
RT: 2.119 min Scan# 479
Delta R.T. -0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

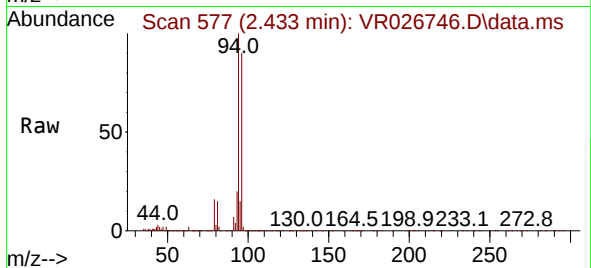
Tgt Ion: 62 Resp: 3845590
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3





#5
Bromomethane
Concen: 52.800 ug/l
RT: 2.433 min Scan# 51
Delta R.T. -0.007 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

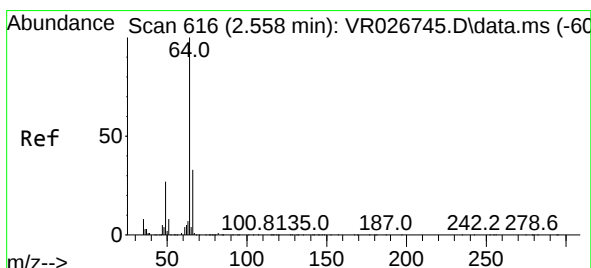
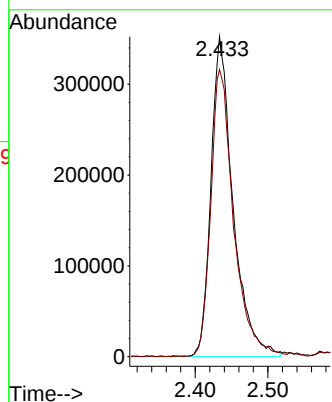
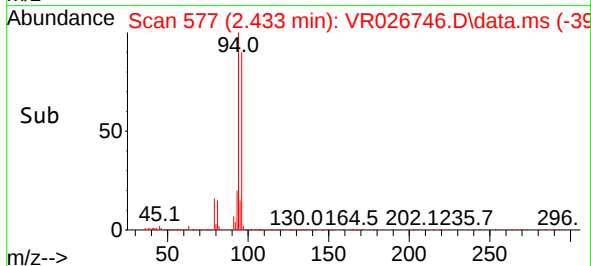
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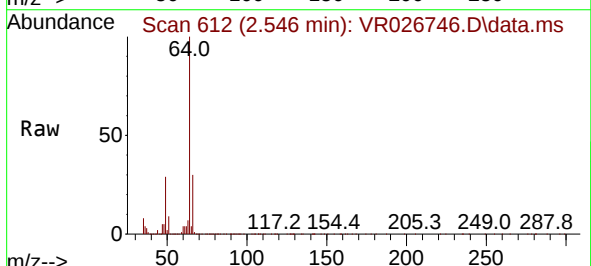
Tgt Ion: 94 Resp: 740629
Ion Ratio Lower Upper
94 100
96 89.7 73.8 110.6

Manual Integrations
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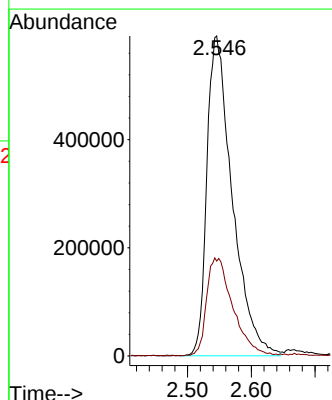
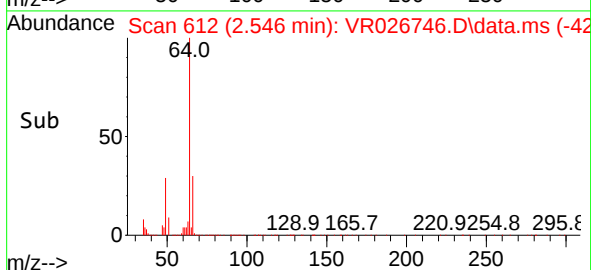
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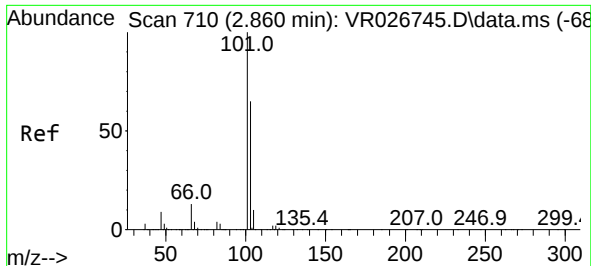


#6
Chloroethane
Concen: 102.459 ug/l
RT: 2.546 min Scan# 612
Delta R.T. -0.012 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



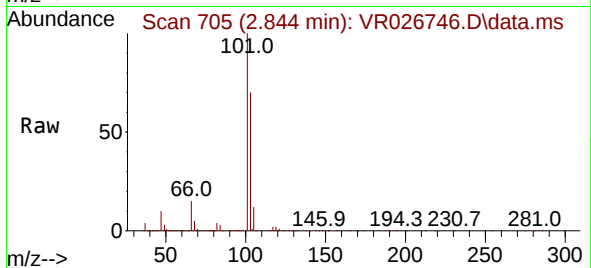
Tgt Ion: 64 Resp: 1637240
Ion Ratio Lower Upper
64 100
66 29.6 26.6 40.0





#7
Trichlorofluoromethane
Concen: 74.643 ug/l
RT: 2.844 min Scan# 705
Delta R.T. -0.016 min
Lab File: VR026746.D
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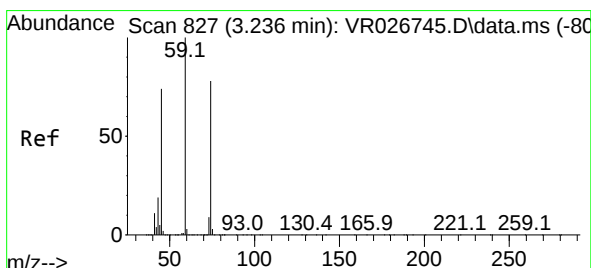
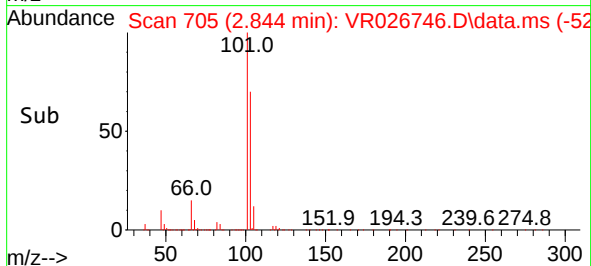
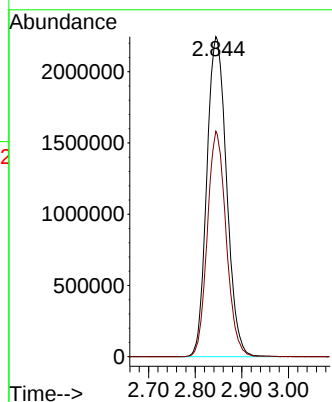
Instrument :
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Tgt Ion:101 Resp: 6610914
Ion Ratio Lower Upper
101 100
103 70.4 51.8 77.8

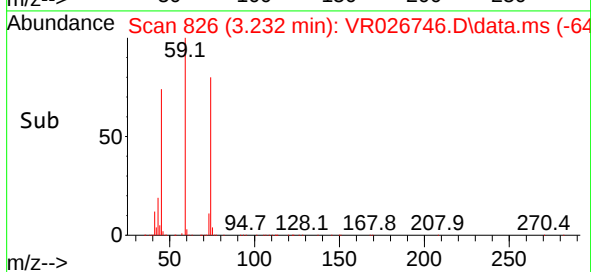
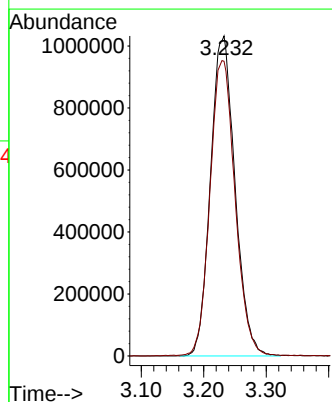
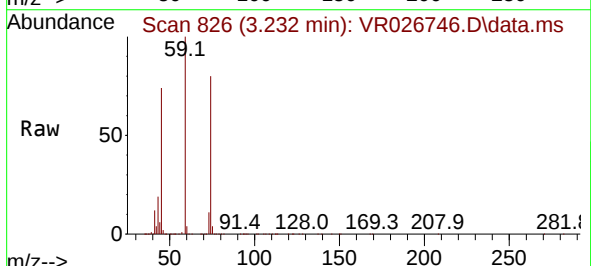
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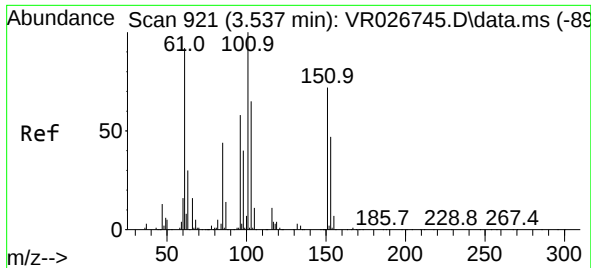
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#8
Diethyl Ether
Concen: 99.320 ug/l
RT: 3.232 min Scan# 826
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Tgt Ion: 74 Resp: 2813930
Ion Ratio Lower Upper
74 100
45 94.1 47.5 142.6





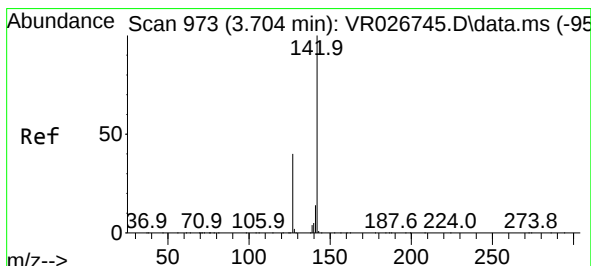
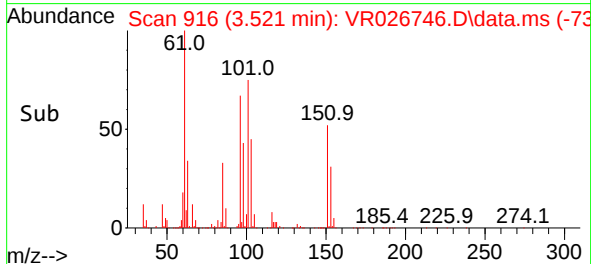
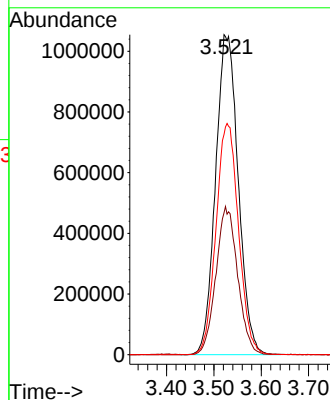
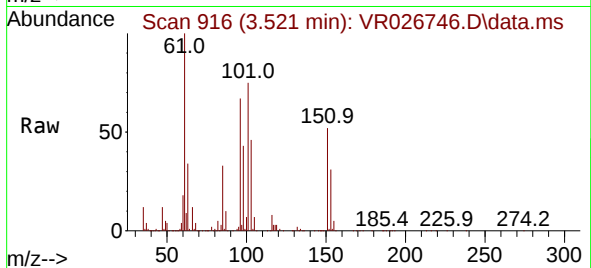
#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.434 ug/l
RT: 3.521 min Scan# 916
Delta R.T. -0.016 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 351906
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.0
151 71.9 57.2 85.8

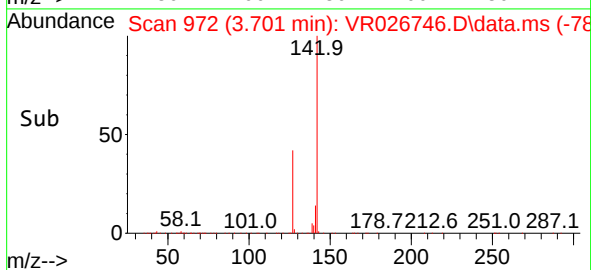
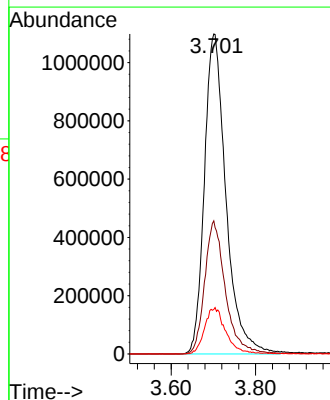
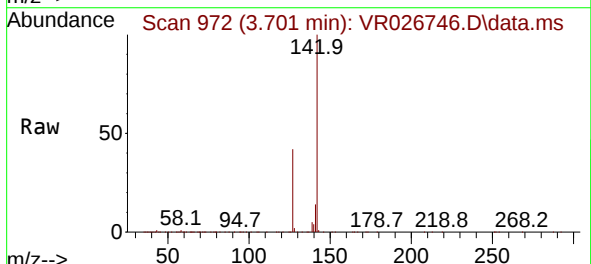
Manual Integrations
APPROVED

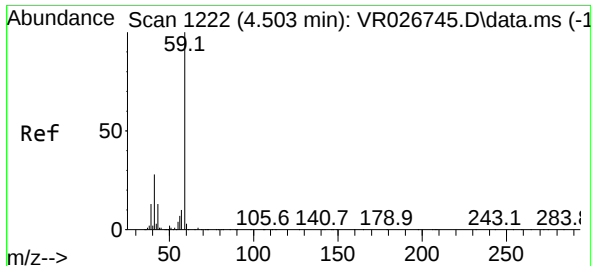
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 103.610 ug/l
RT: 3.701 min Scan# 972
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Tgt Ion:142 Resp: 3897129
Ion Ratio Lower Upper
142 100
127 39.7 31.0 46.4
141 14.2 10.9 16.3





#11

Tert butyl alcohol

Concen: 501.097 ug/l

RT: 4.516 min Scan# 11

Delta R.T. 0.013 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 284265

Ion Ratio Lower Upper

59 100

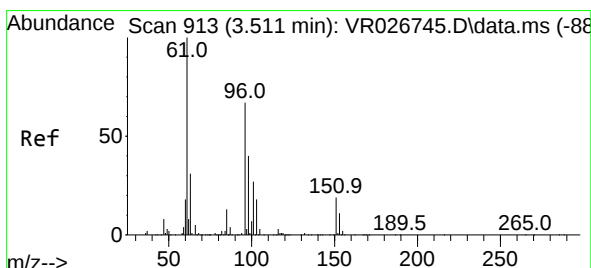
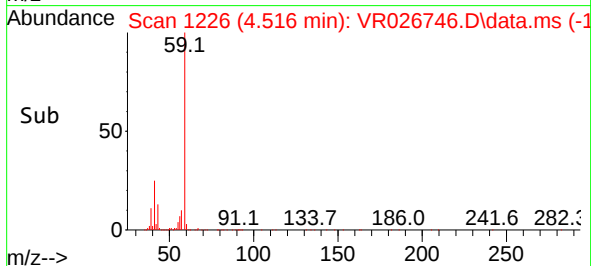
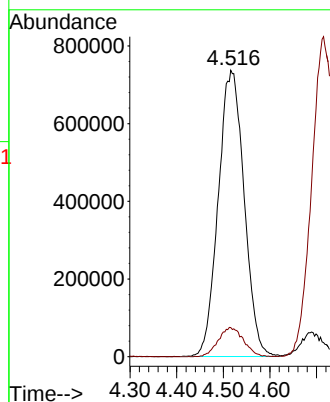
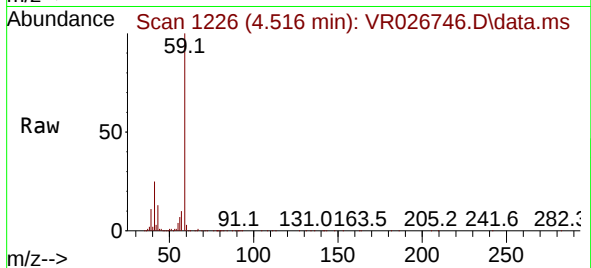
57 10.0 3.8 5.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#12

1,1-Dichloroethene

Concen: 100.957 ug/l

RT: 3.505 min Scan# 911

Delta R.T. -0.006 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

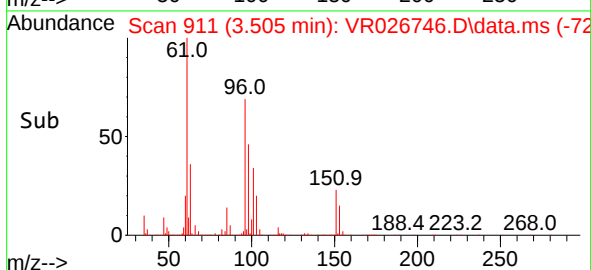
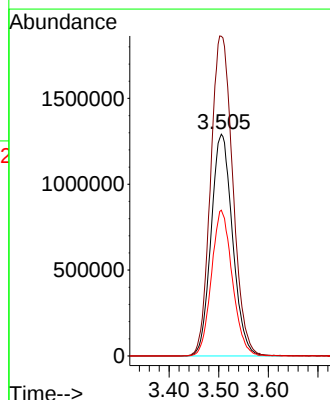
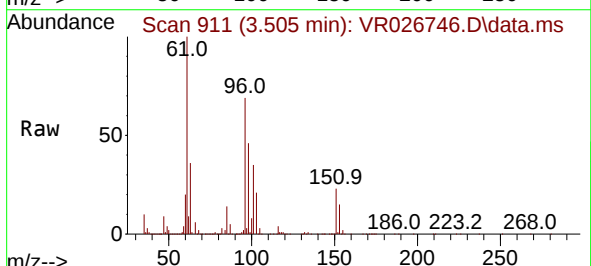
Tgt Ion: 96 Resp: 3877318

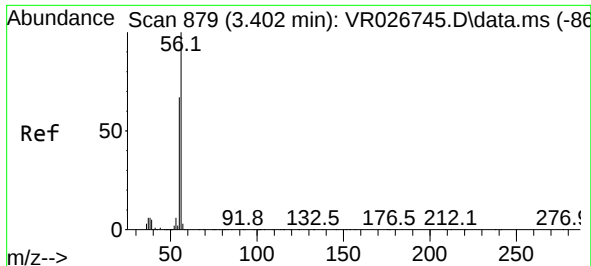
Ion Ratio Lower Upper

96 100

61 144.1 118.7 178.1

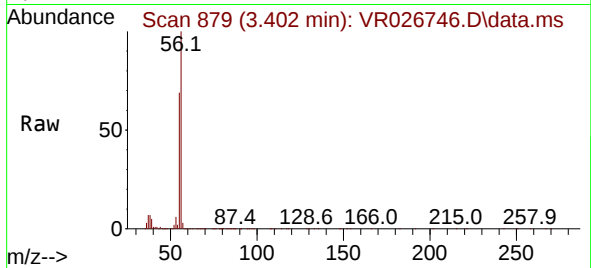
98 65.7 47.7 71.5





#13
Acrolein
Concen: 506.026 ug/l
RT: 3.402 min Scan# 81
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

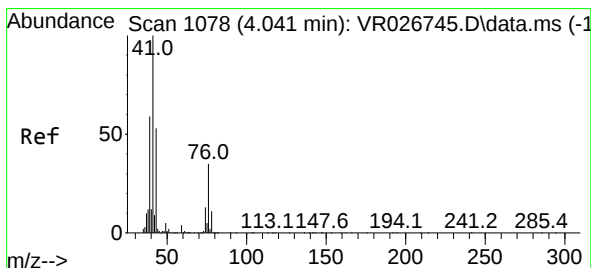
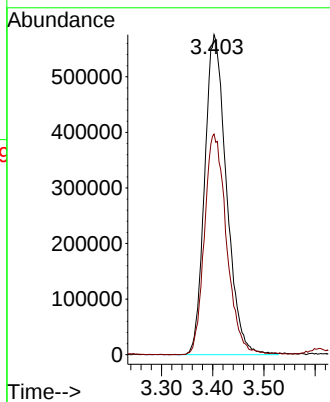
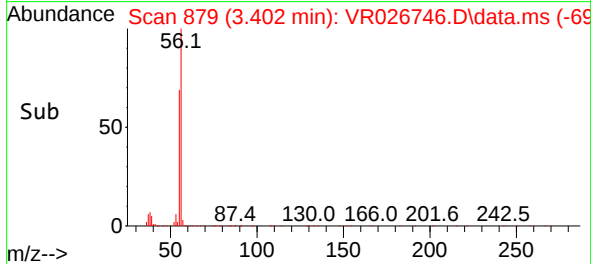
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



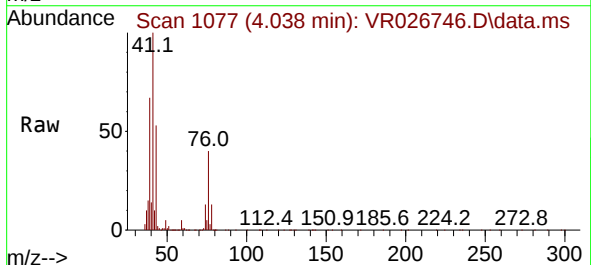
Tgt Ion: 56 Resp: 170327
Ion Ratio Lower Upper
56 100
55 69.8 56.9 85.3

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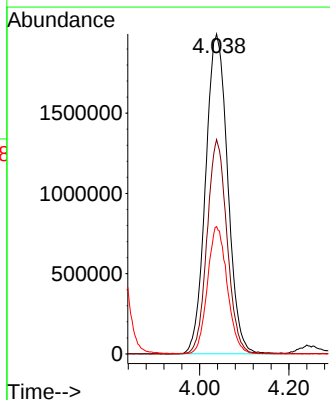
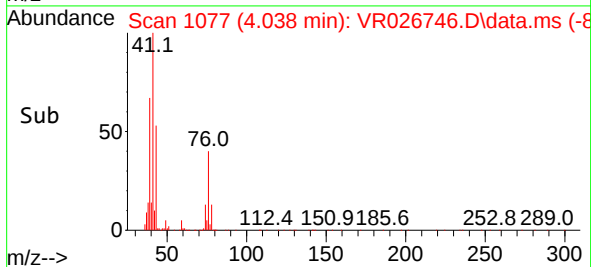
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

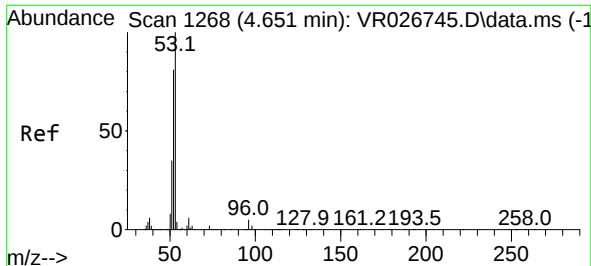


#14
Allyl chloride
Concen: 96.504 ug/l
RT: 4.038 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



Tgt Ion: 41 Resp: 6830297
Ion Ratio Lower Upper
41 100
39 60.5 45.8 68.6
76 35.4 26.4 39.6





#15

Acrylonitrile

Concen: 432.506 ug/l

RT: 4.657 min Scan# 11

Delta R.T. 0.006 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 53 Resp:10493458

Ion Ratio Lower Upper

53 100

52 85.7 65.7 98.5

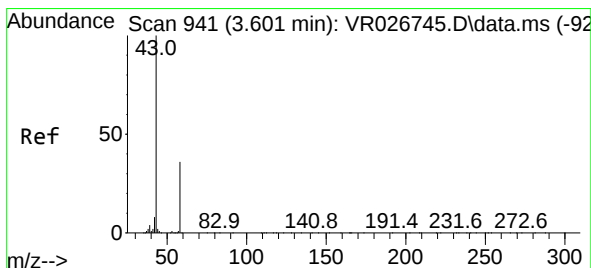
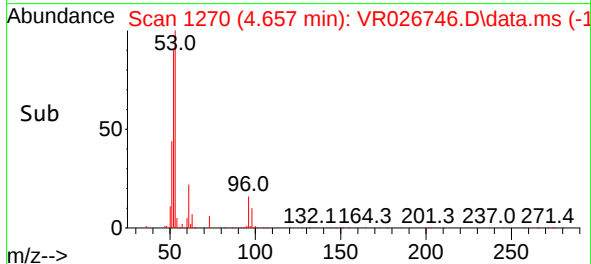
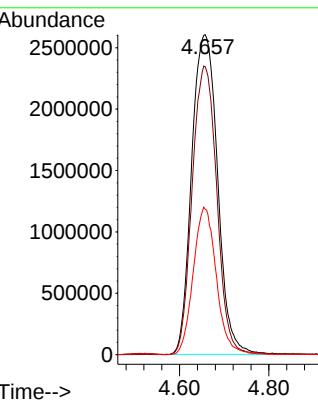
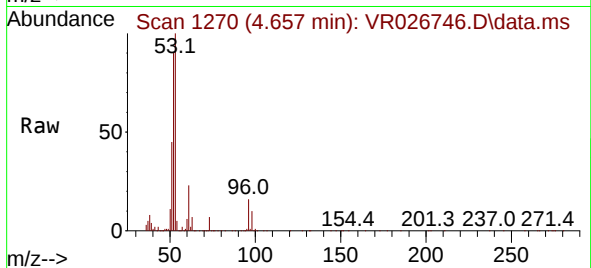
51 41.1 28.4 42.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#16

Acetone

Concen: 411.405 ug/l

RT: 3.605 min Scan# 942

Delta R.T. 0.004 min

Lab File: VR026746.D

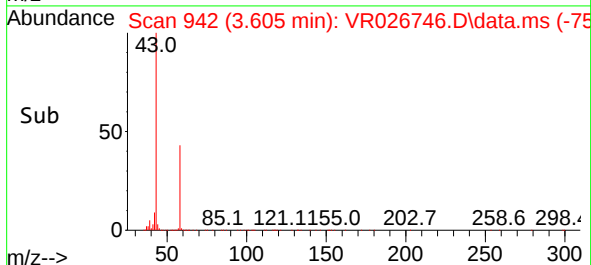
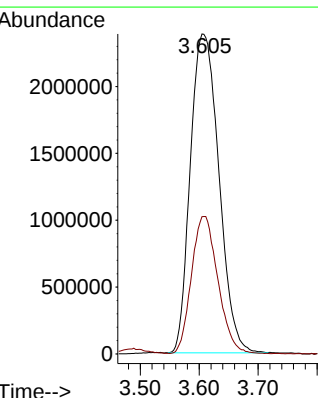
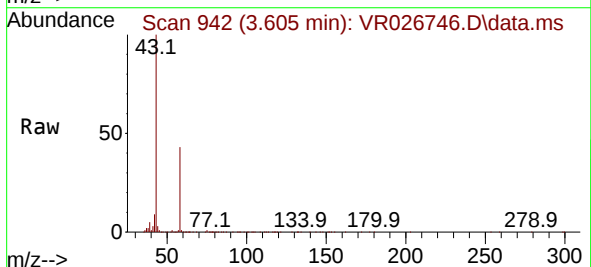
Acq: 20 Aug 2025 17:14

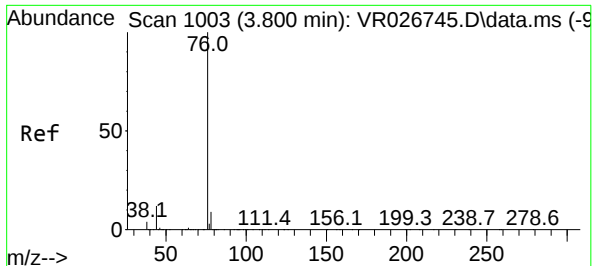
Tgt Ion: 43 Resp: 8035875

Ion Ratio Lower Upper

43 100

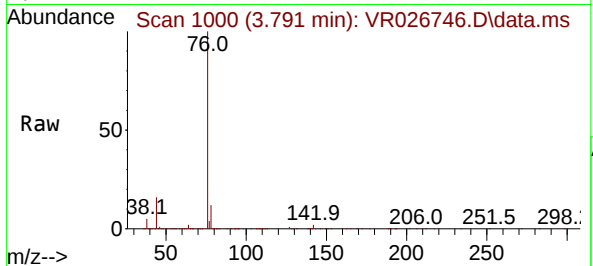
58 42.9 28.6 43.0





#17
Carbon Disulfide
Concen: 97.774 ug/l
RT: 3.791 min Scan# 1000
Delta R.T. -0.009 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

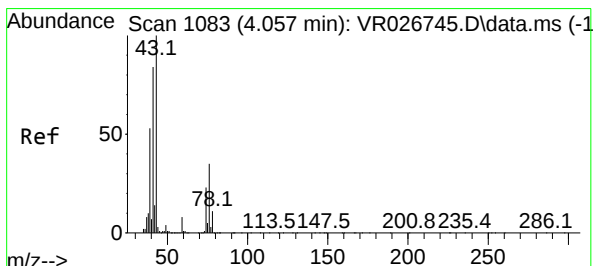
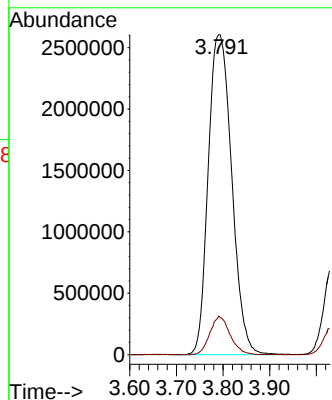
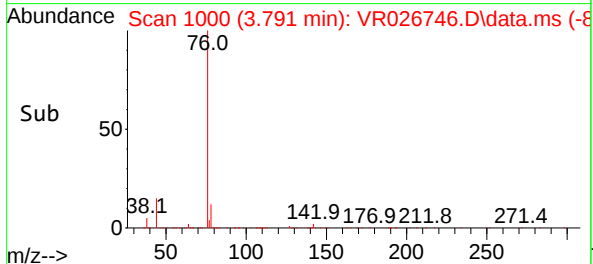
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



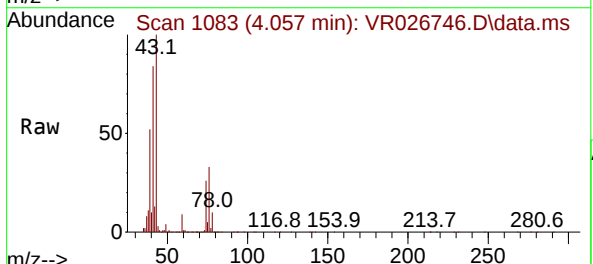
Tgt Ion: 76 Resp: 911983
Ion Ratio Lower Upper
76 100
78 12.0 7.0 10.6

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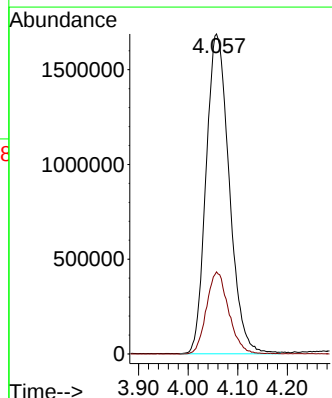
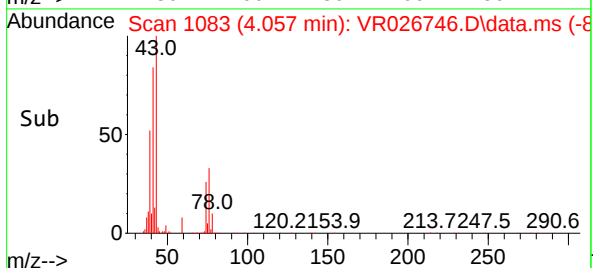
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

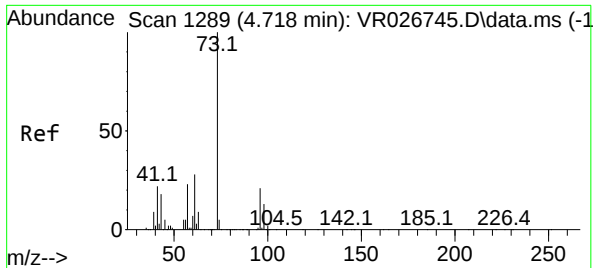


#18
Methyl Acetate
Concen: 96.170 ug/l
RT: 4.057 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



Tgt Ion: 43 Resp: 5472236
Ion Ratio Lower Upper
43 100
74 24.6 19.1 28.7





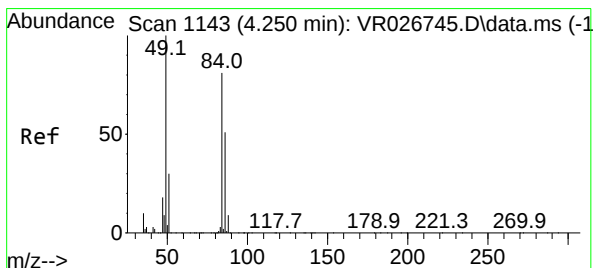
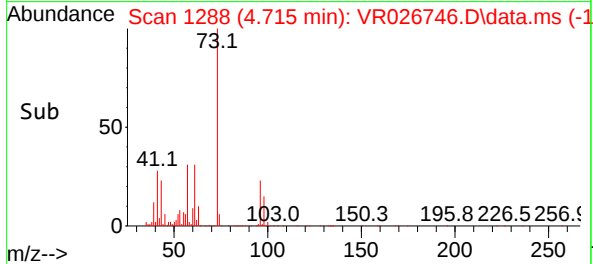
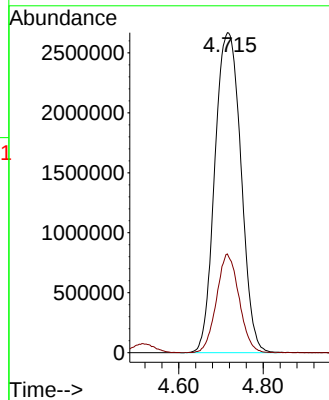
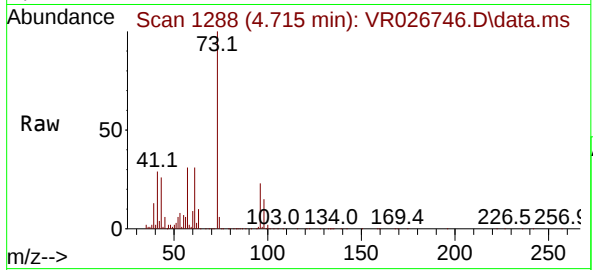
#19
Methyl tert-butyl Ether
Concen: 93.984 ug/l
RT: 4.715 min Scan# 1144819
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp:1144819
Ion Ratio Lower Upper
73 100
57 30.8 18.2 27.2

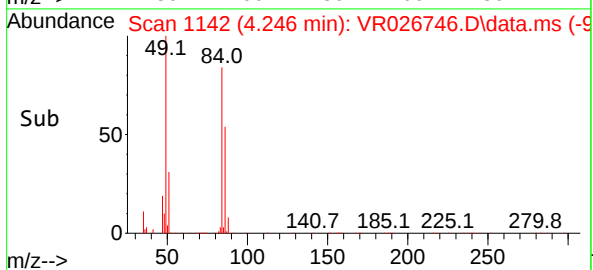
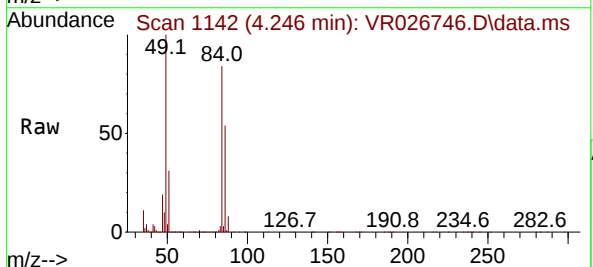
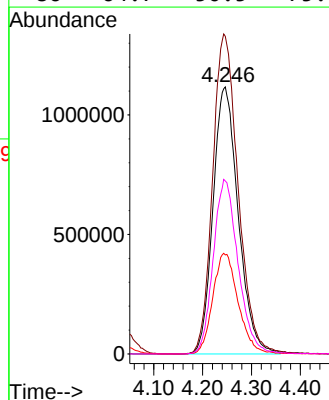
Manual Integrations
APPROVED

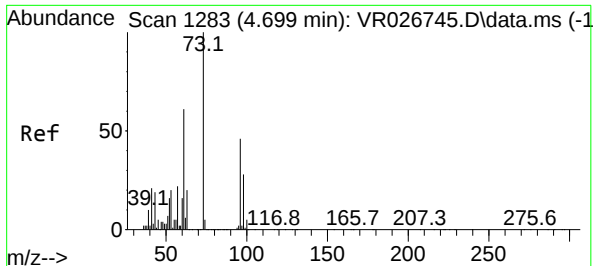
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Methylene Chloride
Concen: 96.315 ug/l
RT: 4.246 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

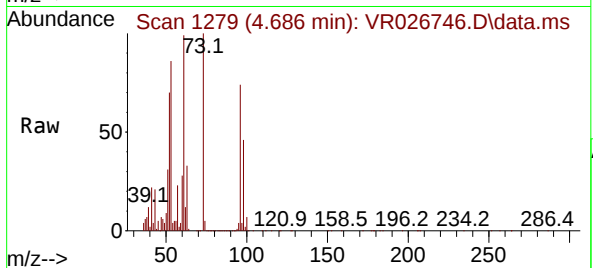
Tgt Ion: 84 Resp: 4013765
Ion Ratio Lower Upper
84 100
49 118.9 98.8 148.2
51 37.1 29.4 44.2
86 64.7 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 100.768 ug/l
RT: 4.686 min Scan# 11
Delta R.T. -0.013 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

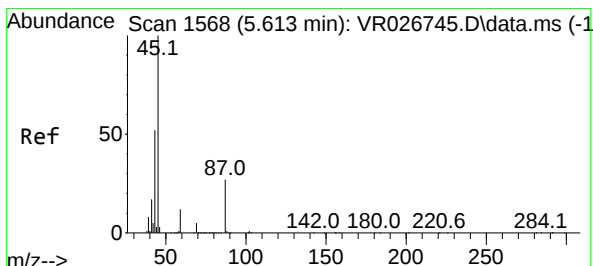
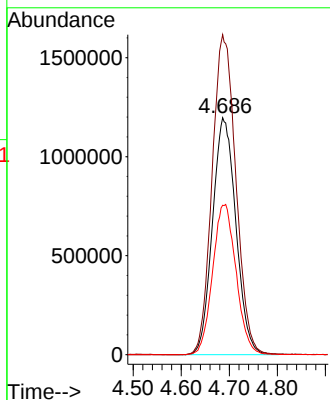
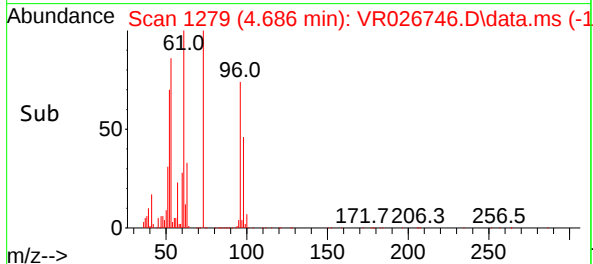
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 4046374
Ion Ratio Lower Upper
96 100
61 135.0 107.1 160.7
98 63.0 49.7 74.5

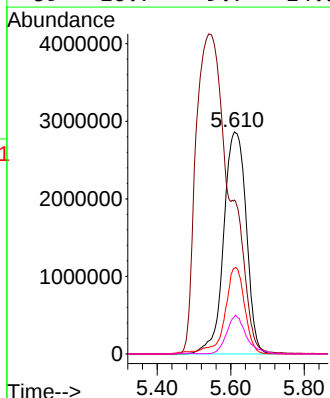
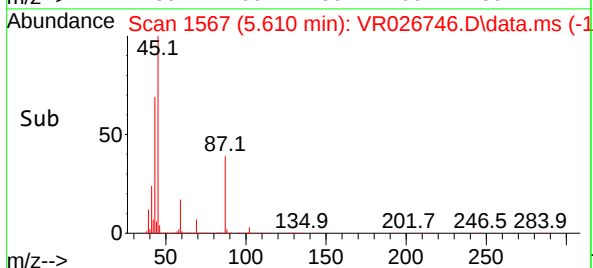
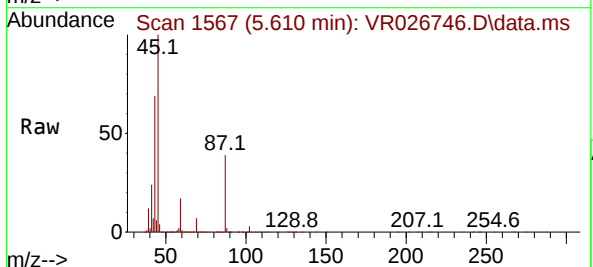
Manual Integrations
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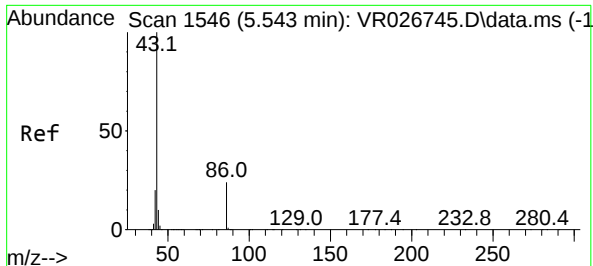
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 83.681 ug/l
RT: 5.610 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Tgt Ion: 45 Resp:12184763
Ion Ratio Lower Upper
45 100
43 69.2 41.8 62.8#
87 38.5 21.7 32.5#
59 16.7 9.7 14.5#





#23

Vinyl Acetate

Concen: 263.280 ug/l

RT: 5.540 min Scan# 1546

Delta R.T. -0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 21585528

Ion Ratio Lower Upper

43 100

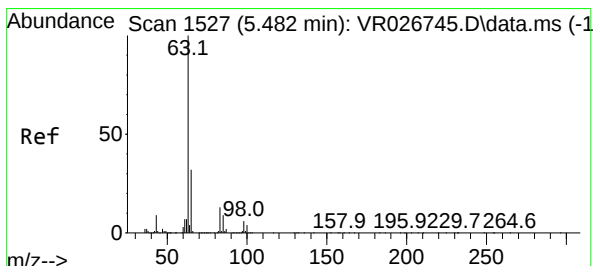
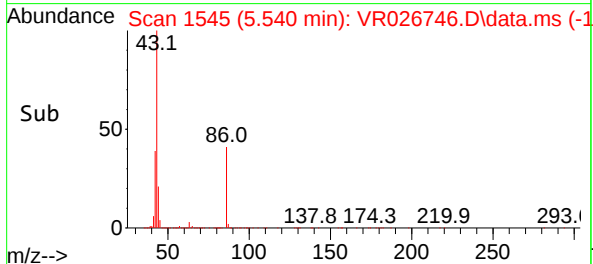
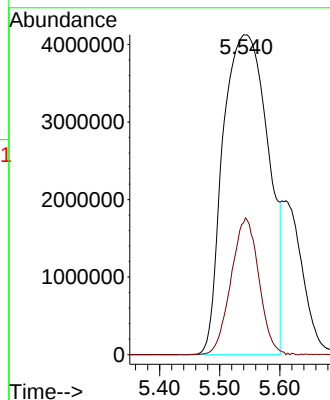
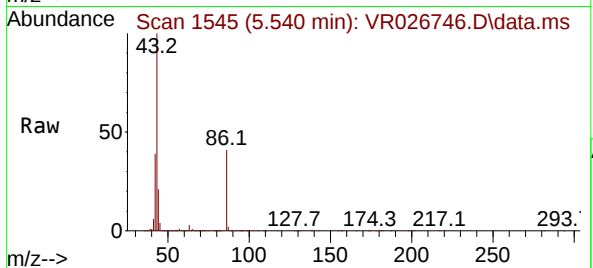
86 41.2 18.9 28.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#24

1,1-Dichloroethane

Concen: 97.678 ug/l

RT: 5.479 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

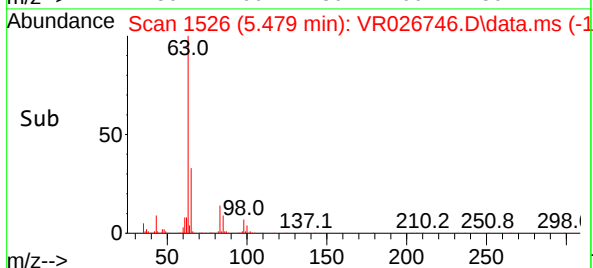
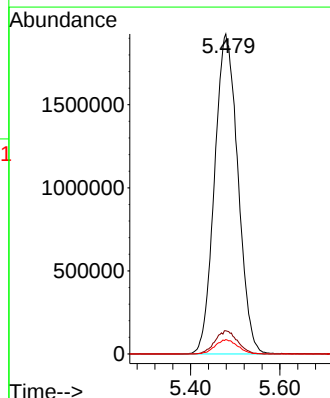
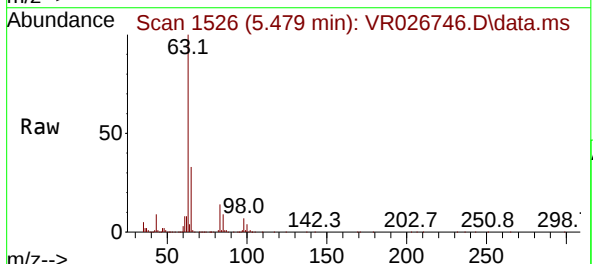
Tgt Ion: 63 Resp: 6998996

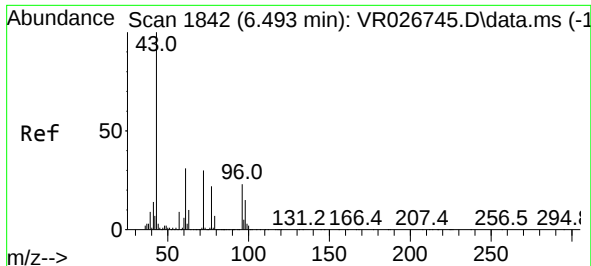
Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.3

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 382.196 ug/l

RT: 6.496 min Scan# 1842

Delta R.T. 0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp:1159101

Ion Ratio Lower Upper

43 100

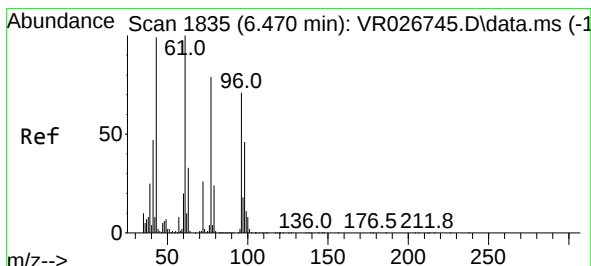
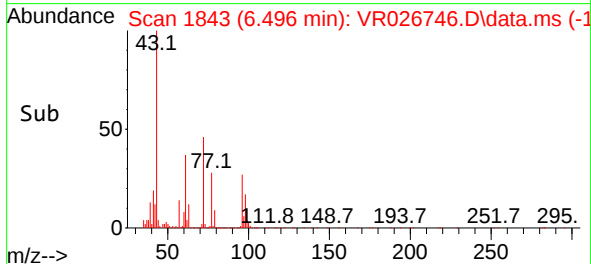
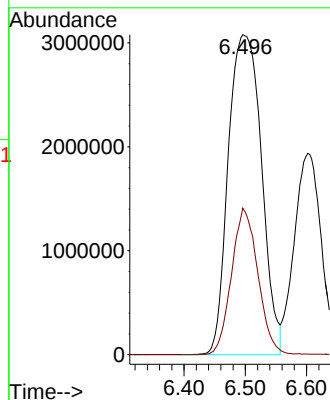
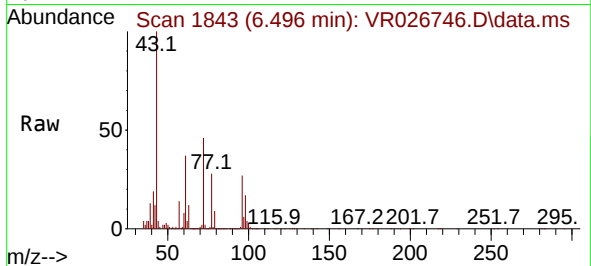
72 45.8 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#26

2,2-Dichloropropane

Concen: 112.023 ug/l

RT: 6.467 min Scan# 1834

Delta R.T. -0.003 min

Lab File: VR026746.D

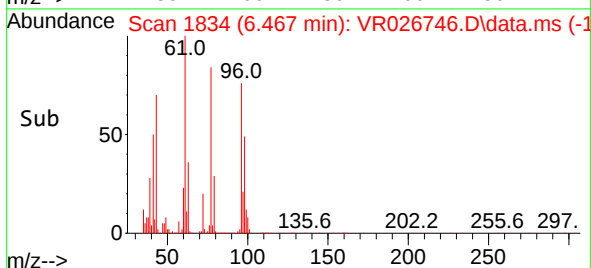
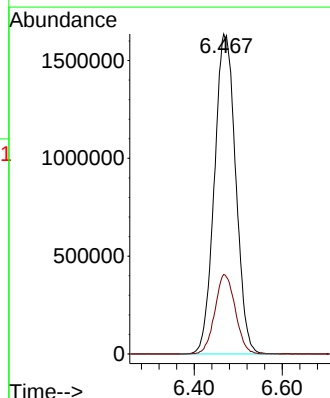
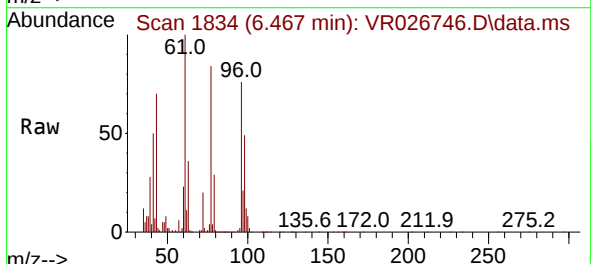
Acq: 20 Aug 2025 17:14

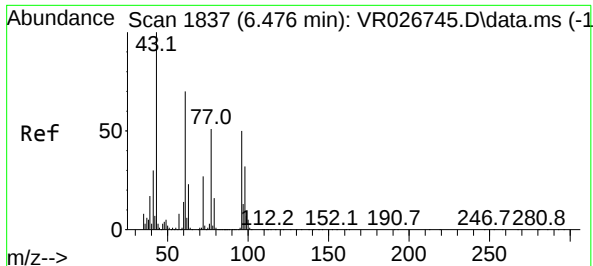
Tgt Ion: 77 Resp: 5498956

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 103.087 ug/l

RT: 6.470 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 468510

Ion Ratio Lower Upper

96 100

61 137.5 0.0 280.6

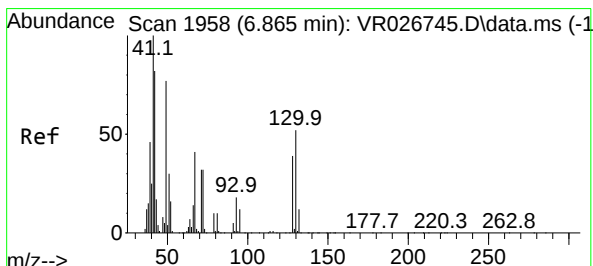
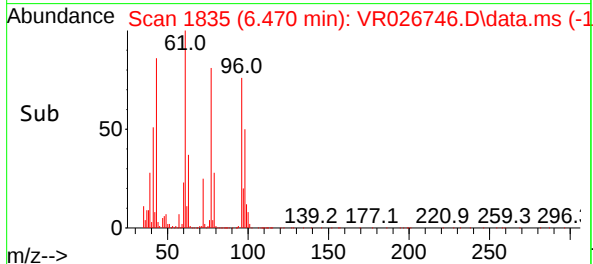
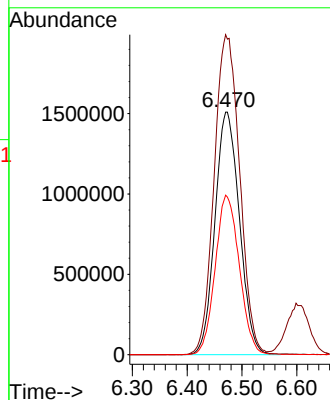
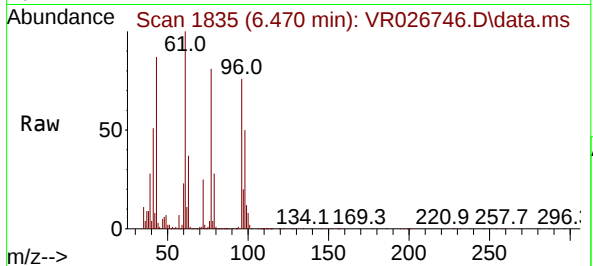
98 64.9 0.0 127.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#28

Bromochloromethane

Concen: 92.463 ug/l

RT: 6.858 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

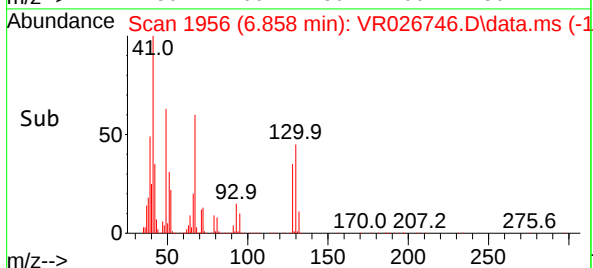
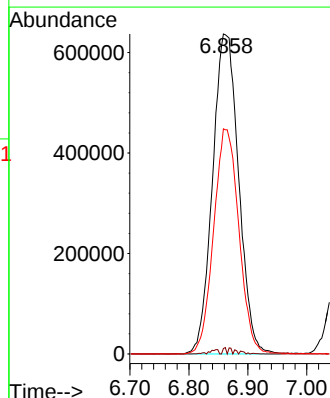
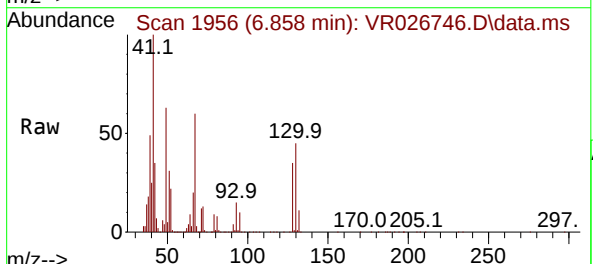
Tgt Ion: 49 Resp: 1960841

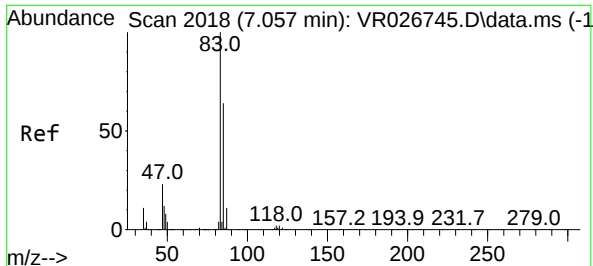
Ion Ratio Lower Upper

49 100

129 0.2 0.0 1.6

130 68.0 53.4 80.2





#29

Chloroform

Concen: 98.715 ug/l

RT: 7.057 min Scan# 20

Delta R.T. 0.000 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 635512

Ion Ratio Lower Upper

83 100

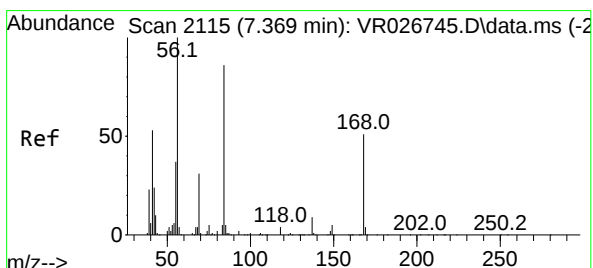
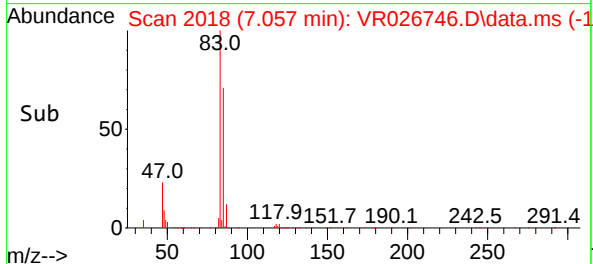
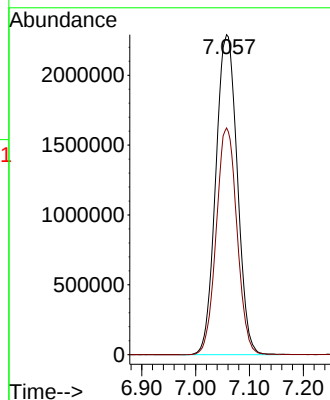
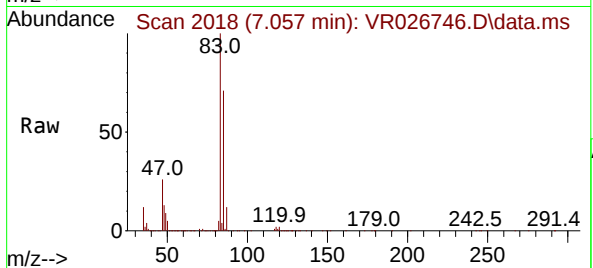
85 70.8 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Cyclohexane

Concen: 88.608 ug/l

RT: 7.365 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

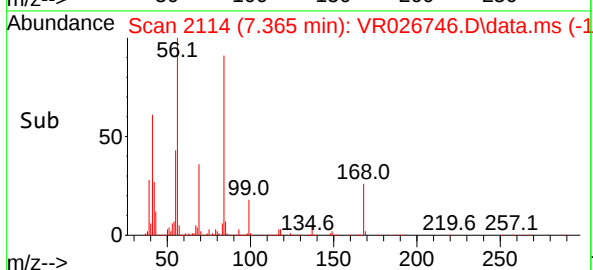
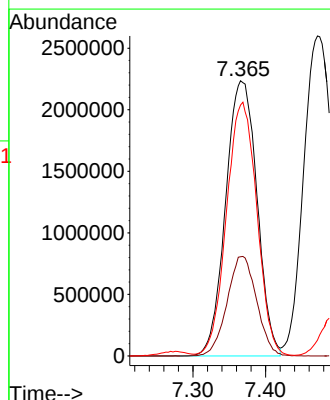
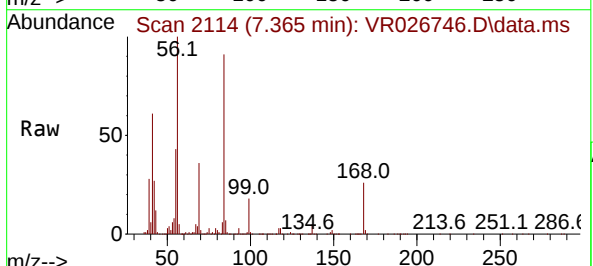
Tgt Ion: 56 Resp: 6695518

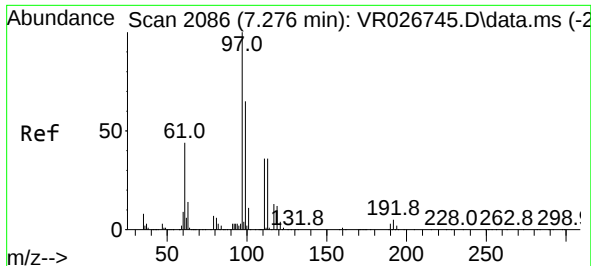
Ion Ratio Lower Upper

56 100

69 36.0 24.6 37.0

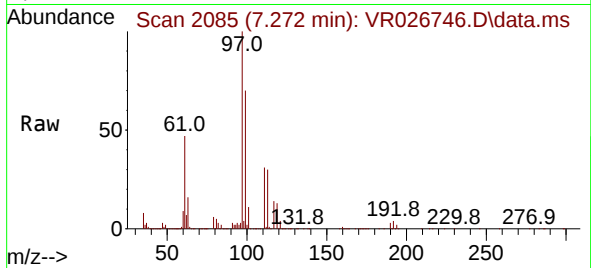
84 89.8 68.7 103.1





#31
1,1,1-Trichloroethane
Concen: 110.247 ug/l
RT: 7.272 min Scan# 2086
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

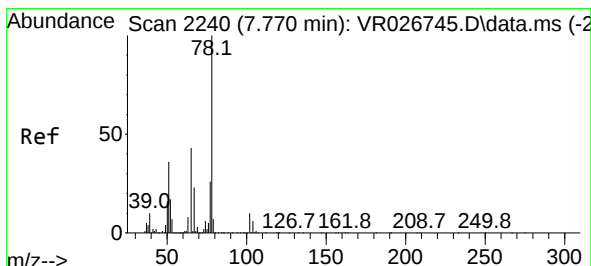
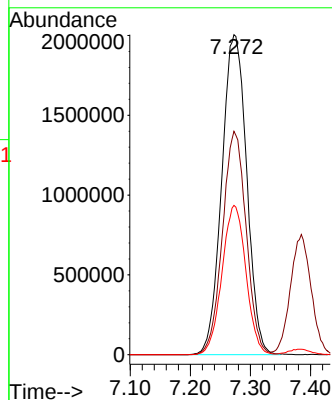
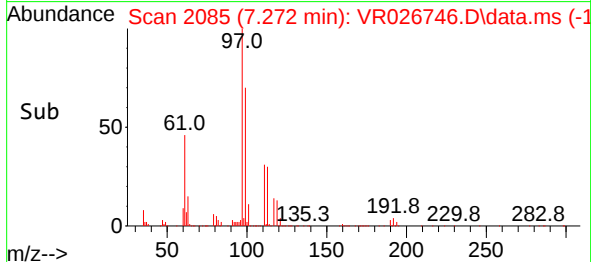
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



Tgt Ion: 97 Resp: 5763280
Ion Ratio Lower Upper
97 100
99 66.6 51.0 76.4
61 44.9 35.0 52.4

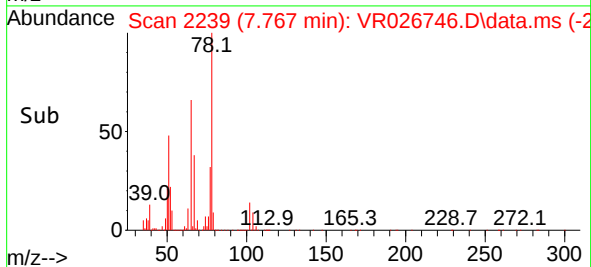
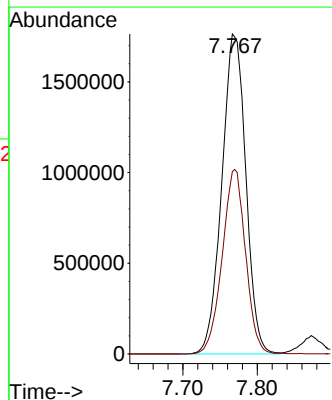
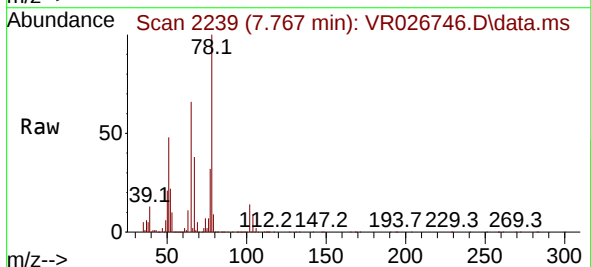
Manual Integrations
APPROVED

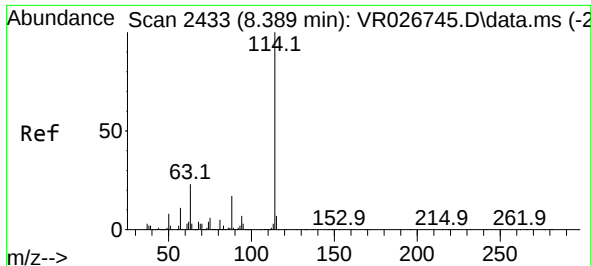
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#32
1,2-Dichloroethane-d4
Concen: 107.342 ug/l
RT: 7.767 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Tgt Ion: 65 Resp: 3961044
Ion Ratio Lower Upper
65 100
67 56.0 0.0 111.4





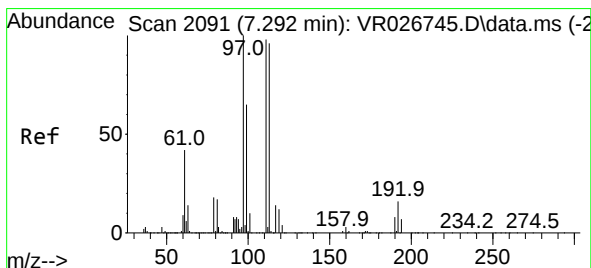
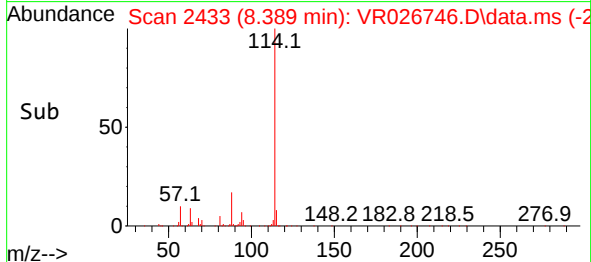
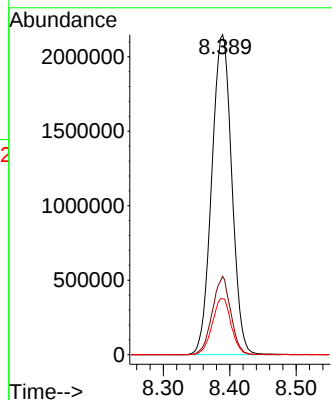
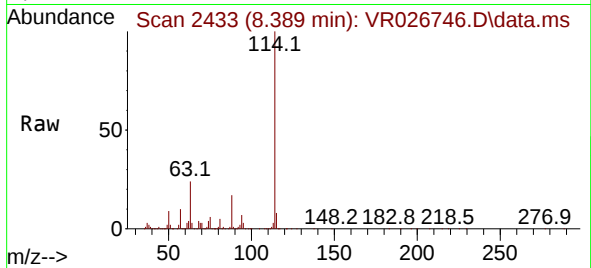
#33
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.389 min Scan# 2433
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion:114 Resp: 4495060
Ion Ratio Lower Upper
114 100
63 24.5 0.0 45.8
88 17.5 0.0 34.8

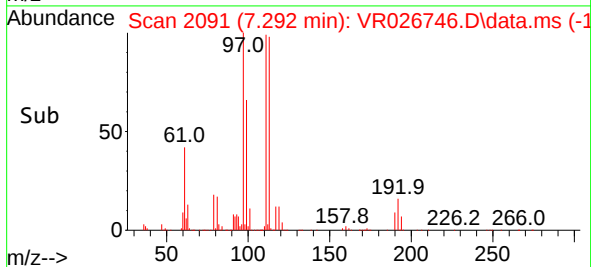
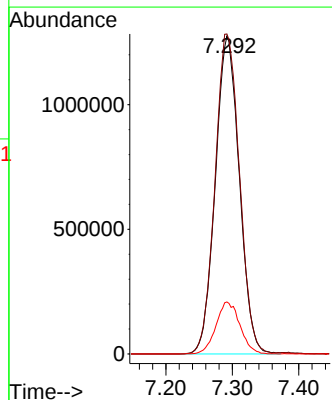
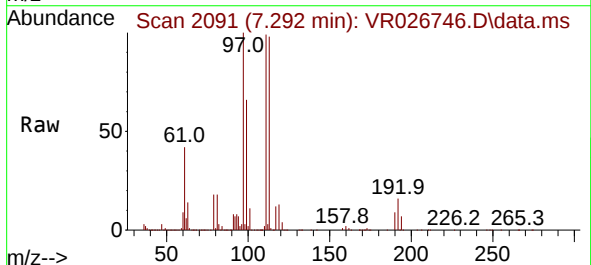
Manual Integrations
APPROVED

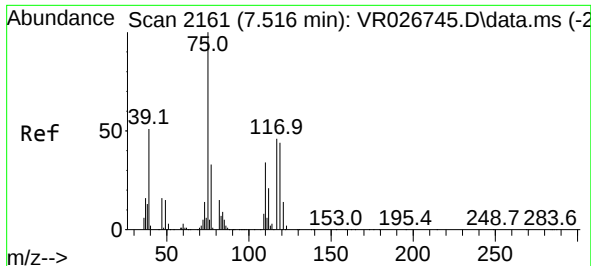
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#34
Dibromofluoromethane
Concen: 108.988 ug/l
RT: 7.292 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

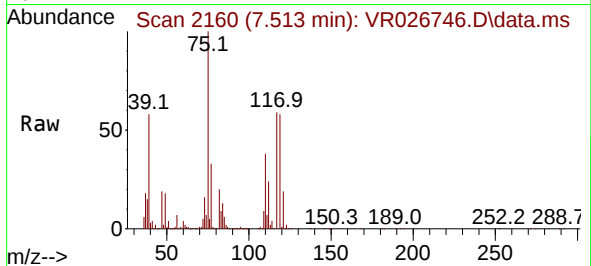
Tgt Ion:113 Resp: 3195232
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 16.4 12.9 19.3





#35
1,1-Dichloropropene
Concen: 109.713 ug/l
RT: 7.513 min Scan# 2160
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

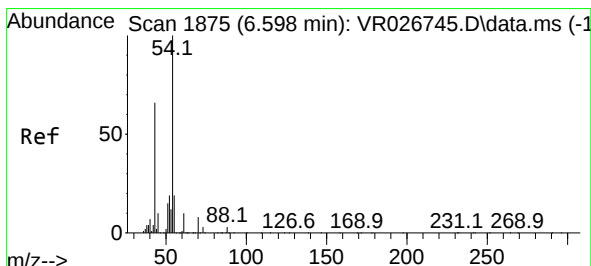
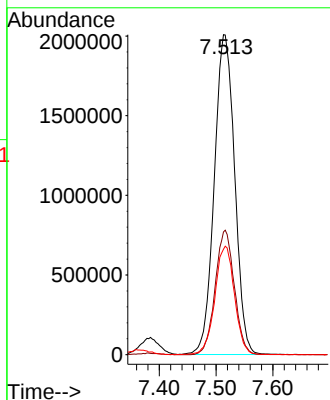
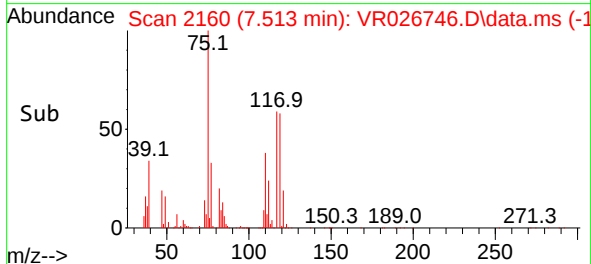
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



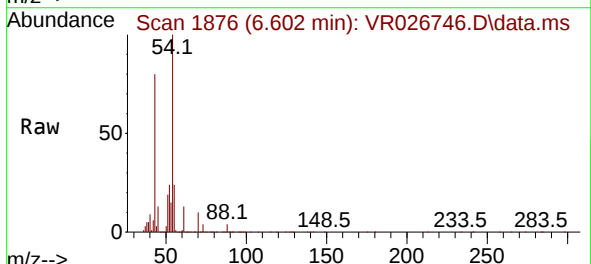
Tgt Ion: 75 Resp: 500904
Ion Ratio Lower Upper
75 100
110 36.5 17.3 52.0
77 32.6 25.1 37.7

Manual Integrations
APPROVED

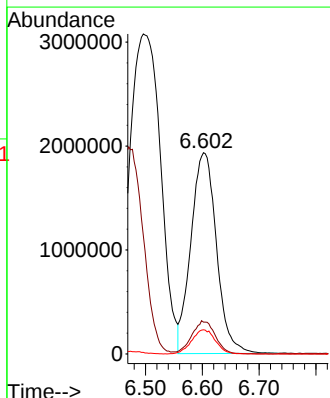
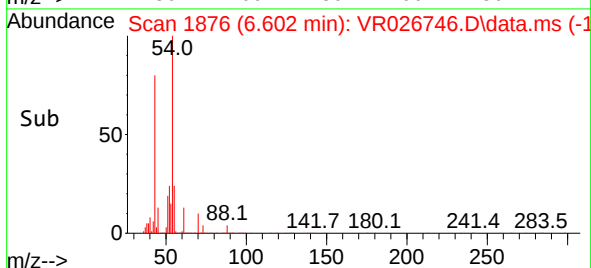
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

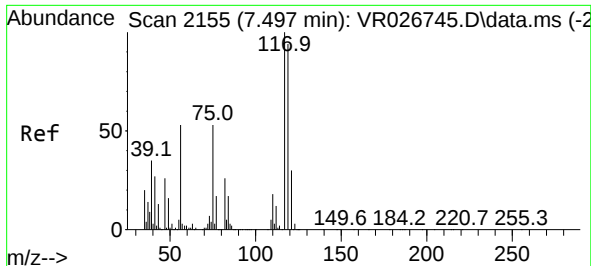


#36
Ethyl Acetate
Concen: 103.463 ug/l
RT: 6.602 min Scan# 1876
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



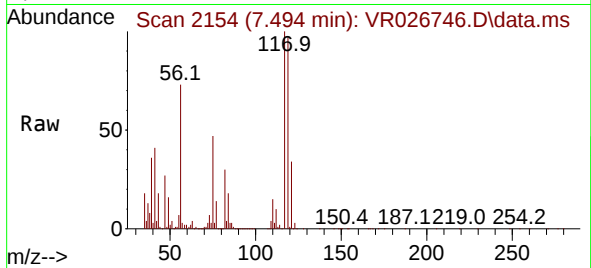
Tgt Ion: 43 Resp: 6054456
Ion Ratio Lower Upper
43 100
61 15.0 11.4 17.2
70 11.2 8.4 12.6





#37
Carbon Tetrachloride
Concen: 124.178 ug/l
RT: 7.494 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

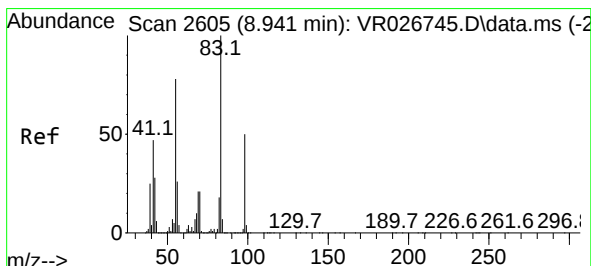
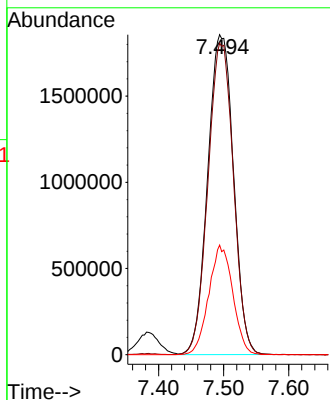
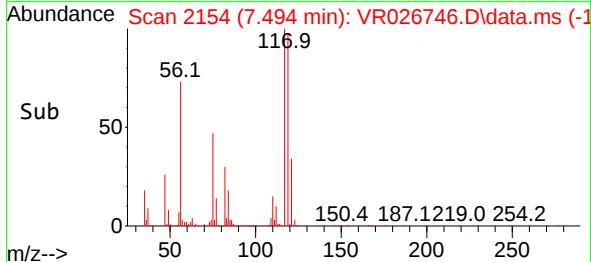
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



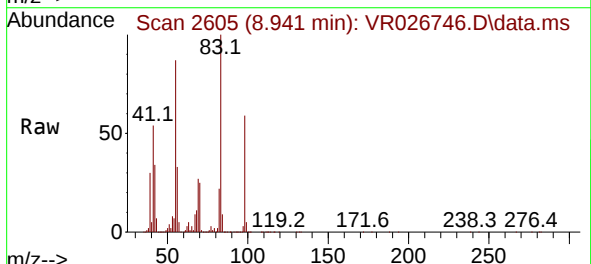
Tgt Ion: 117 Resp: 510179
Ion Ratio Lower Upper
117 100
119 97.3 75.1 112.7
121 34.3 24.2 36.2

Manual Integrations
APPROVED

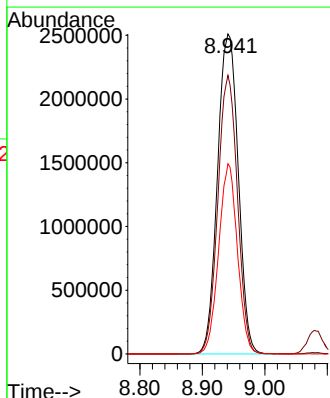
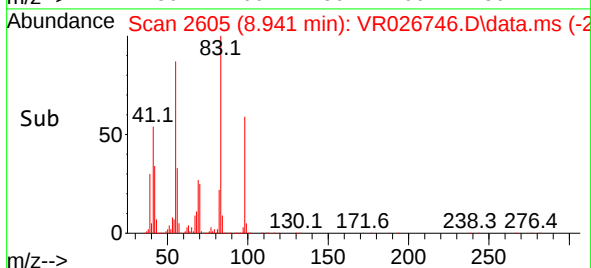
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

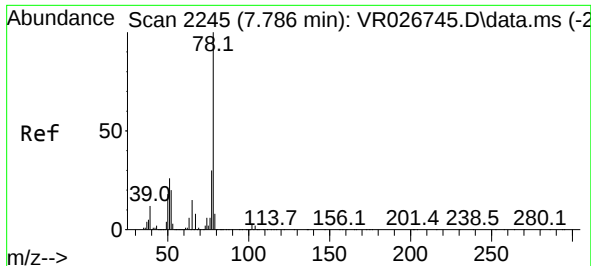


#38
Methylcyclohexane
Concen: 101.281 ug/l
RT: 8.941 min Scan# 2605
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



Tgt Ion: 83 Resp: 5786358
Ion Ratio Lower Upper
83 100
55 87.1 62.6 94.0
98 59.5 39.9 59.9





#39

Benzene

Concen: 76.119 ug/l

RT: 7.783 min Scan# 21

Delta R.T. -0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 78 Resp:10668990

Ion Ratio Lower Upper

78 100

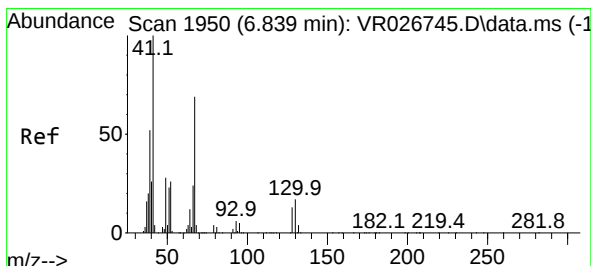
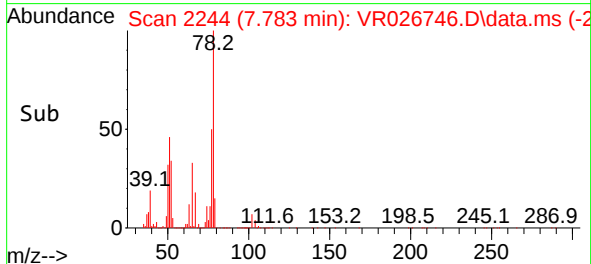
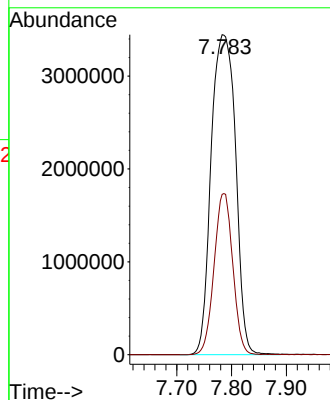
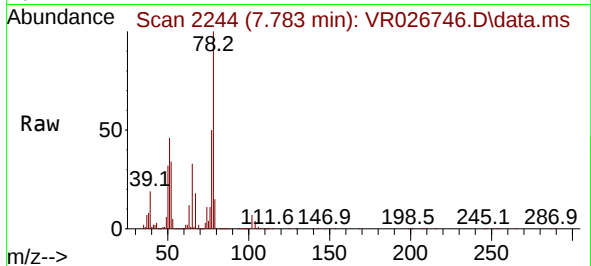
77 50.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#40

Methacrylonitrile

Concen: 109.559 ug/l

RT: 6.842 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Tgt Ion: 41 Resp: 3337556

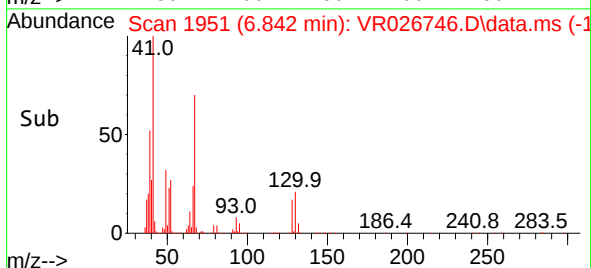
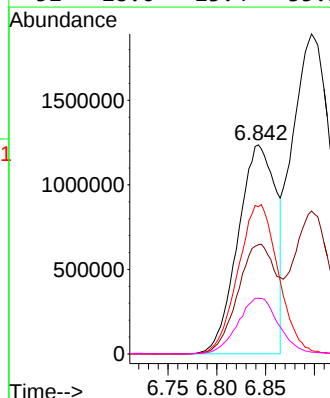
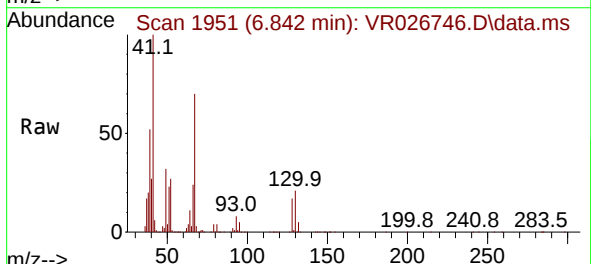
Ion Ratio Lower Upper

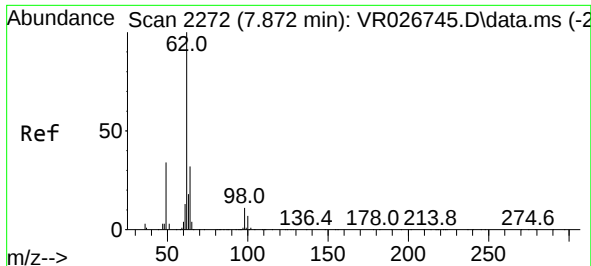
41 100

39 54.7 43.0 64.4

67 76.2 62.6 94.0

52 28.6 23.4 35.2





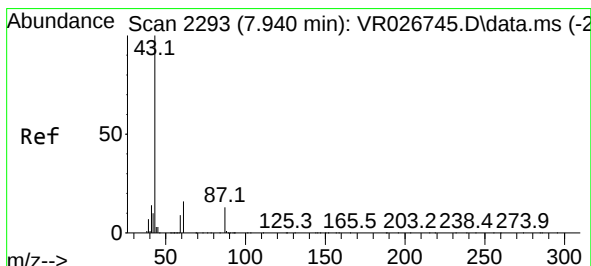
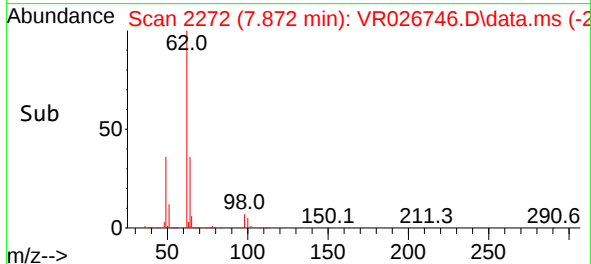
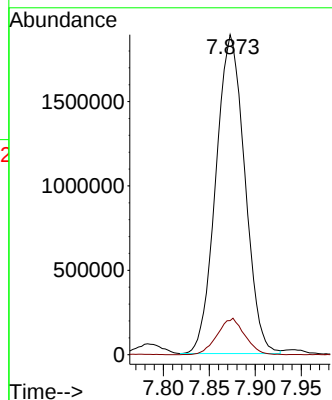
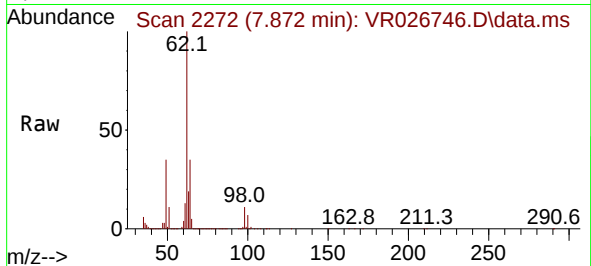
#41
1,2-Dichloroethane
Concen: 106.395 ug/l
RT: 7.872 min Scan# 21
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 62 Resp: 413481
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.2

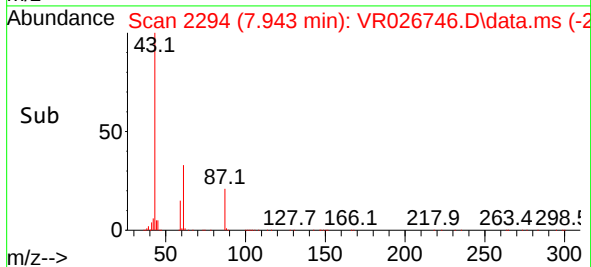
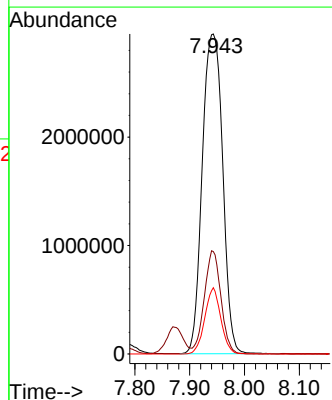
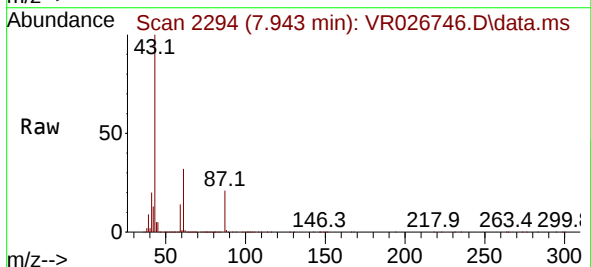
Manual Integrations
APPROVED

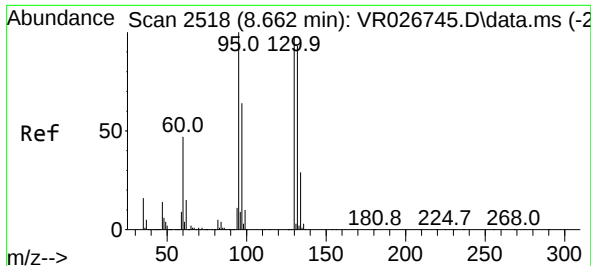
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
Isopropyl Acetate
Concen: 92.084 ug/l
RT: 7.943 min Scan# 2294
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

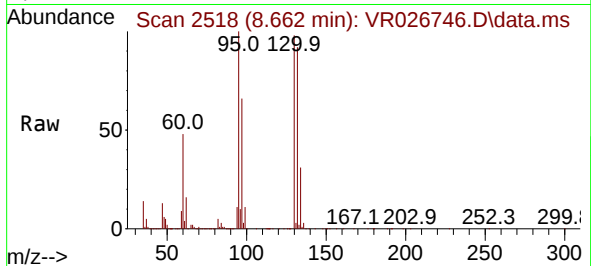
Tgt Ion: 43 Resp: 7625090
Ion Ratio Lower Upper
43 100
61 26.2 16.8 25.2#
87 16.2 10.2 15.4#





#43
Trichloroethene
Concen: 107.007 ug/l
RT: 8.662 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

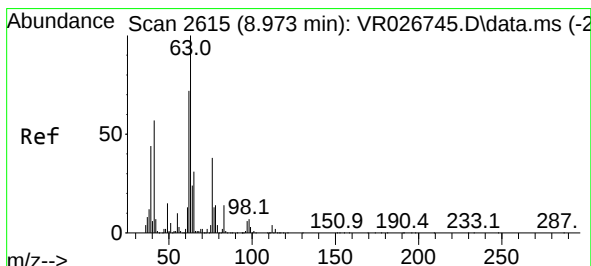
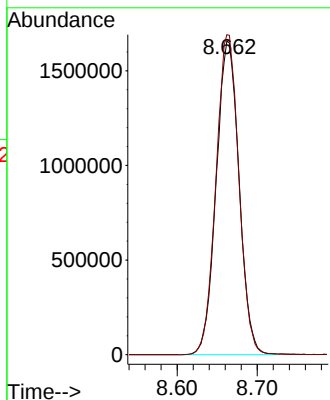
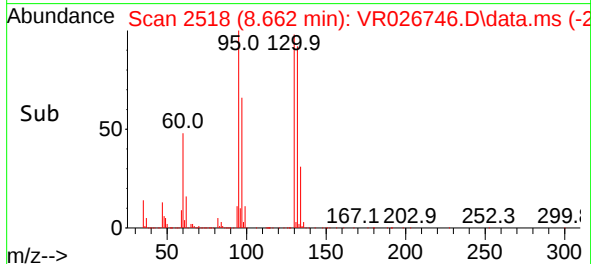
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



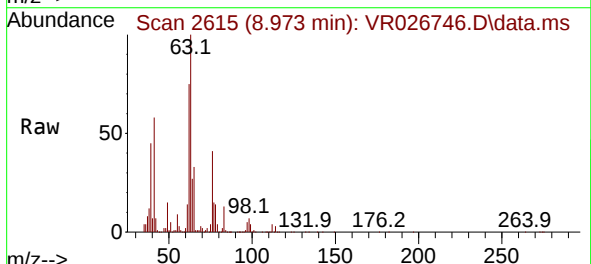
Tgt Ion:130 Resp: 3272129
Ion Ratio Lower Upper
130 100
95 102.1 0.0 203.4

Manual Integrations
APPROVED

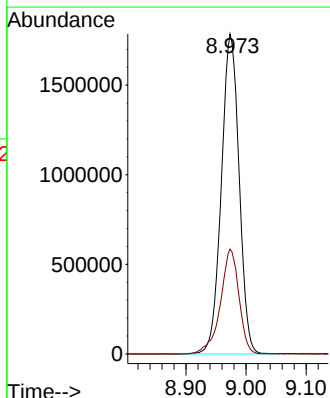
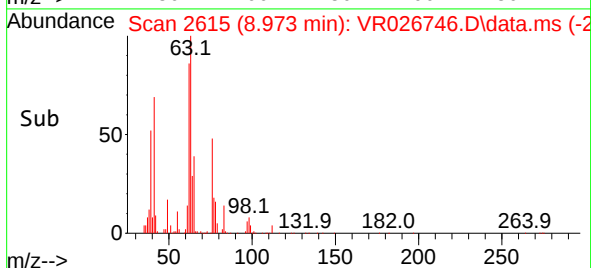
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

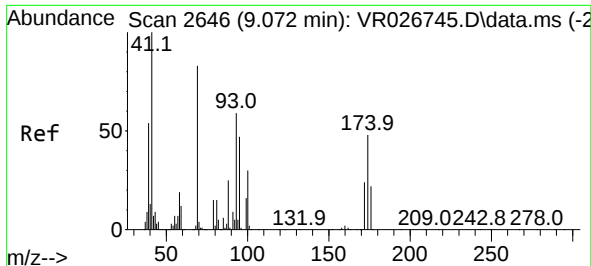


#44
1,2-Dichloropropane
Concen: 108.921 ug/l
RT: 8.973 min Scan# 2615
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



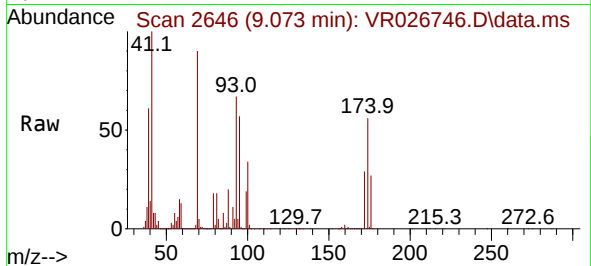
Tgt Ion: 63 Resp: 3654797
Ion Ratio Lower Upper
63 100
65 32.7 24.8 37.2





#45
Dibromomethane
Concen: 117.215 ug/l
RT: 9.073 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

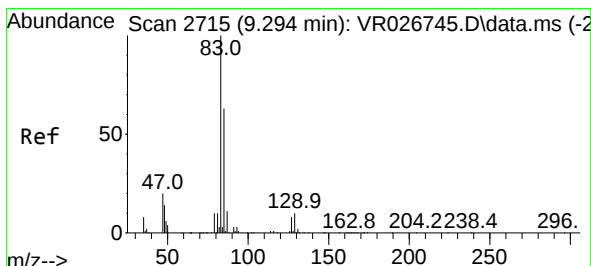
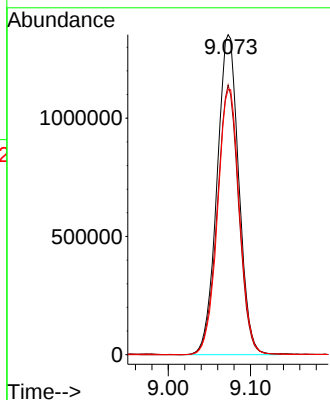
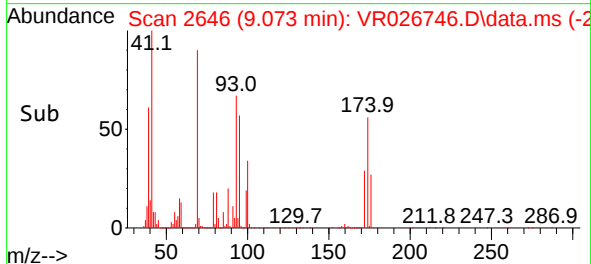
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



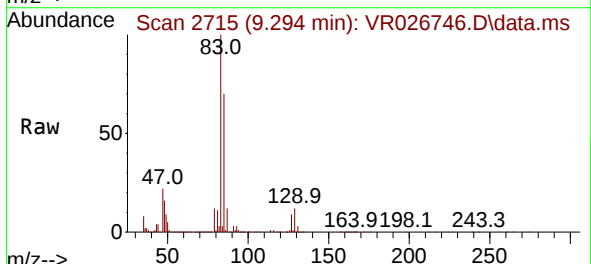
Tgt Ion: 93 Resp: 249851
Ion Ratio Lower Upper
93 100
95 83.3 65.4 98.0
174 83.2 66.5 99.7

Manual Integrations
APPROVED

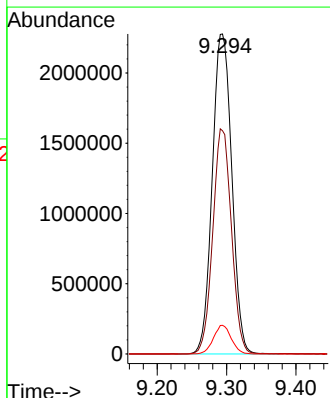
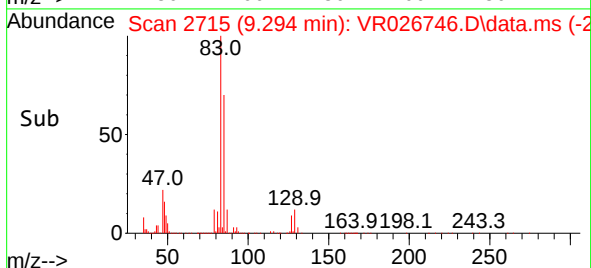
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

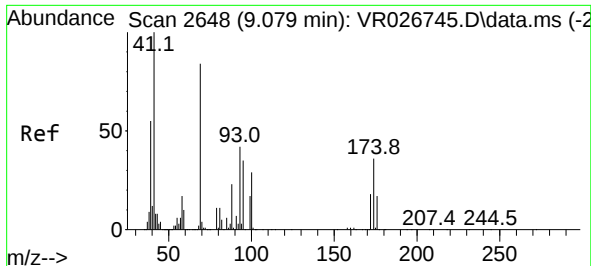


#46
Bromodichloromethane
Concen: 112.127 ug/l
RT: 9.294 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



Tgt Ion: 83 Resp: 4448873
Ion Ratio Lower Upper
83 100
85 69.7 50.8 76.2
127 9.0 6.0 9.0





#47

Methyl methacrylate

Concen: 109.054 ug/l

RT: 9.079 min Scan# 2648

Delta R.T. 0.000 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 4407579

Ion Ratio Lower Upper

41 100

69 88.7 66.5 99.7

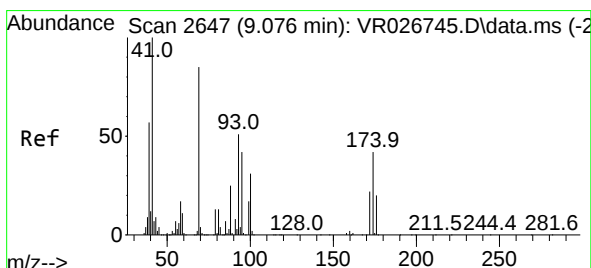
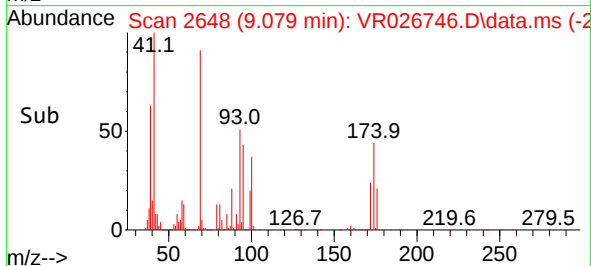
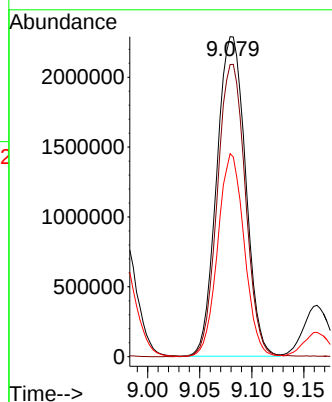
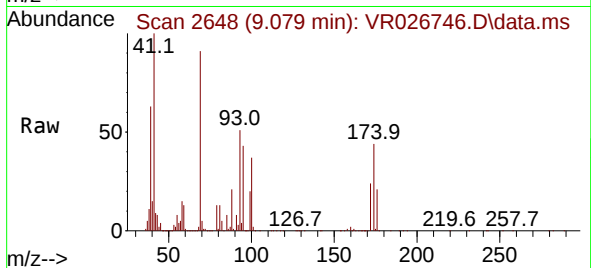
39 58.1 43.3 64.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#48

1,4-Dioxane

Concen: 1887.073 ug/l

RT: 9.079 min Scan# 2648

Delta R.T. 0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

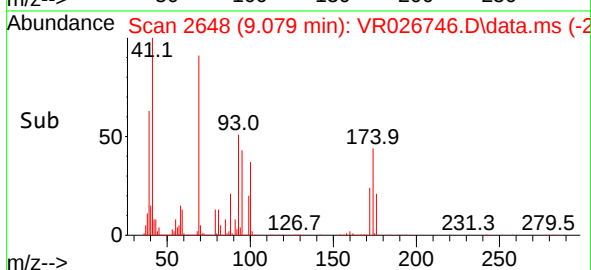
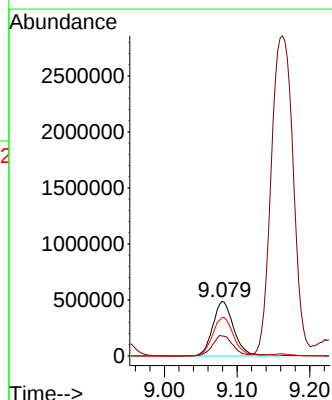
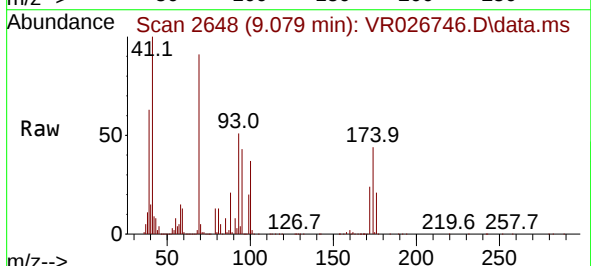
Tgt Ion: 88 Resp: 979770

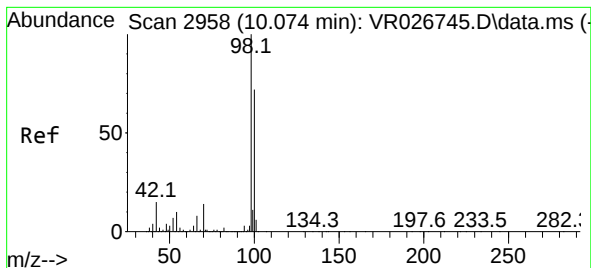
Ion Ratio Lower Upper

88 100

43 35.9 27.1 40.7

58 70.7 55.9 83.9





#49

Toluene-d8

Concen: 79.367 ug/l

RT: 10.074 min Scan# 2958

Delta R.T. 0.000 min

Lab File: VR026746.D

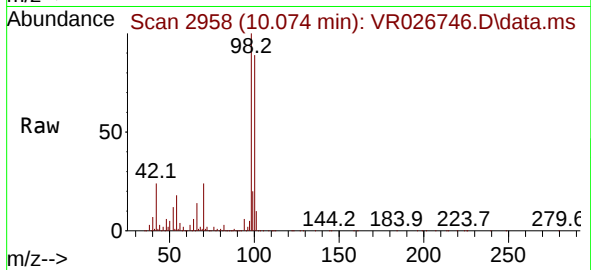
Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100



Tgt Ion: 98 Resp: 7800510

Ion Ratio Lower Upper

98 100

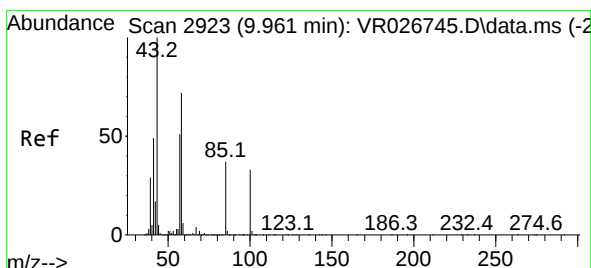
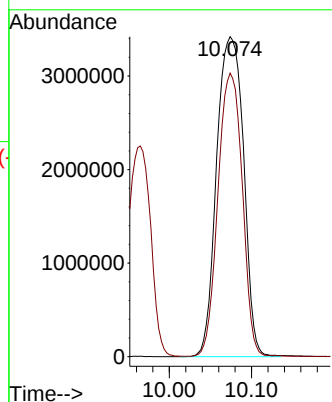
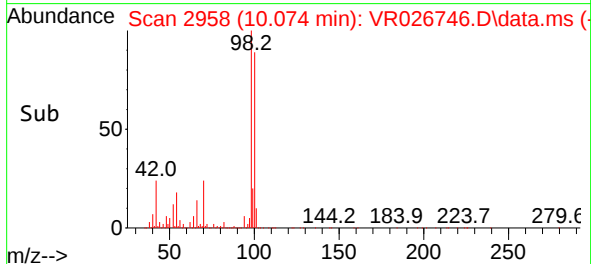
100 79.6 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

4-Methyl-2-Pentanone

Concen: 382.270 ug/l

RT: 9.965 min Scan# 2924

Delta R.T. 0.004 min

Lab File: VR026746.D

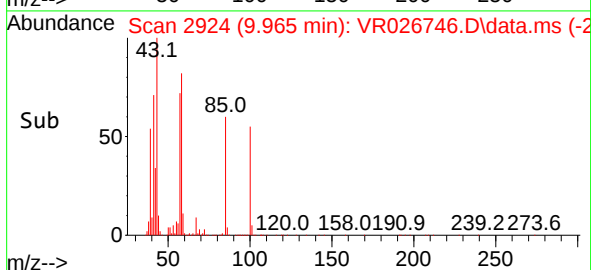
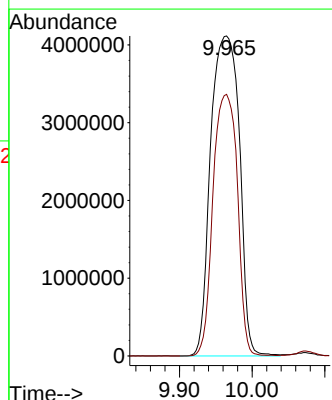
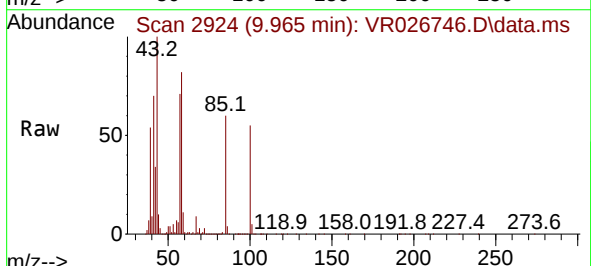
Acq: 20 Aug 2025 17:14

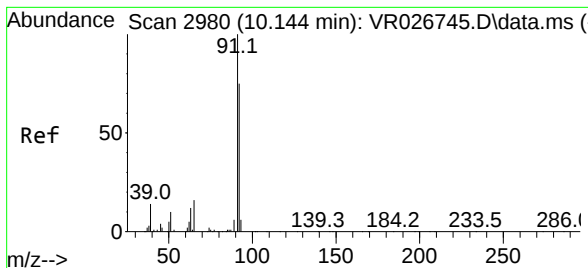
Tgt Ion: 43 Resp:11324493

Ion Ratio Lower Upper

43 100

58 69.1 46.8 70.2





#51

Toluene

Concen: 86.342 ug/l

RT: 10.148 min Scan# 2980

Delta R.T. 0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100

Tgt Ion: 92 Resp: 691055

Ion Ratio Lower Upper

92 100

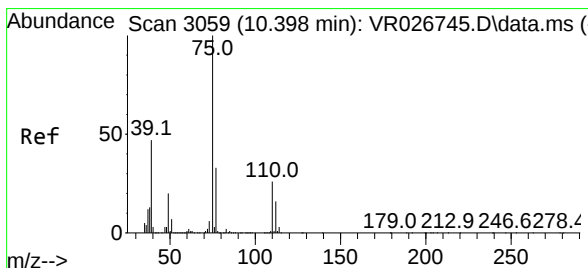
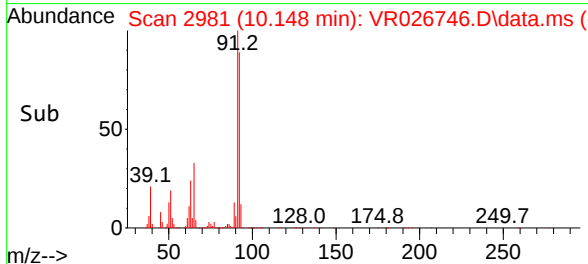
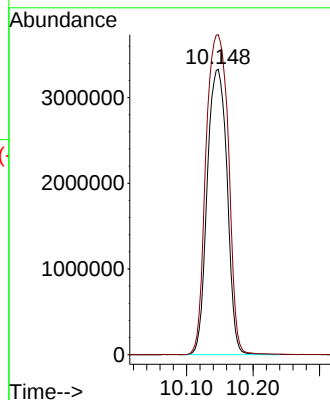
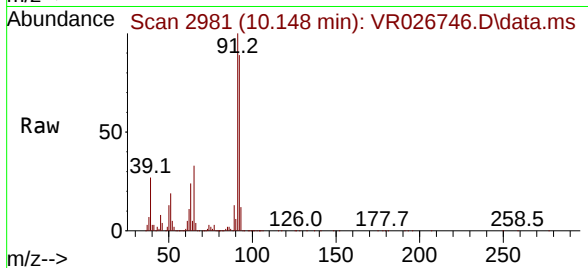
91 126.4 120.1 180.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#52

t-1,3-Dichloropropene

Concen: 116.377 ug/l

RT: 10.398 min Scan# 3059

Delta R.T. 0.000 min

Lab File: VR026746.D

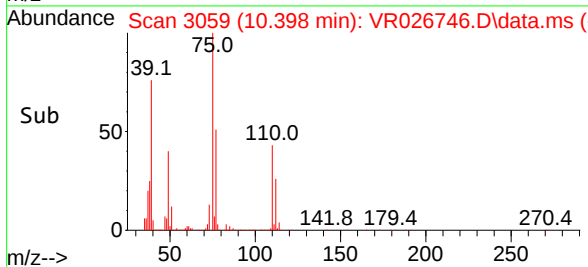
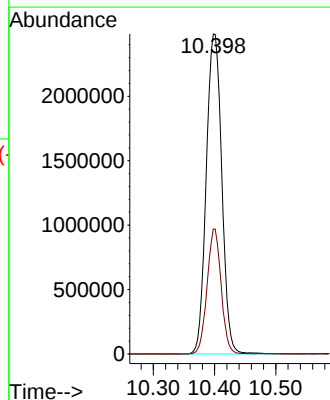
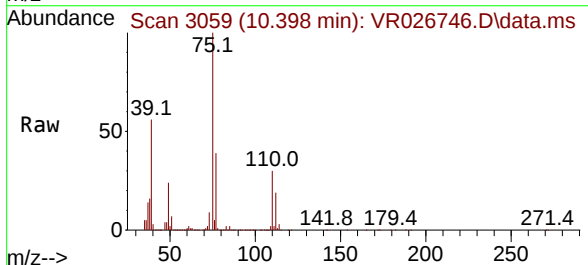
Acq: 20 Aug 2025 17:14

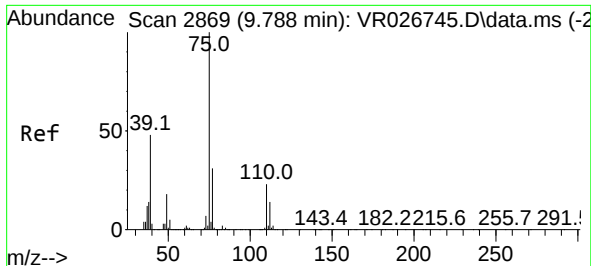
Tgt Ion: 75 Resp: 4373397

Ion Ratio Lower Upper

75 100

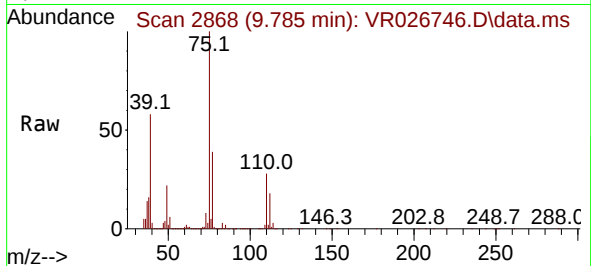
77 39.0 26.2 39.4





#53
cis-1,3-Dichloropropene
Concen: 107.270 ug/l
RT: 9.785 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

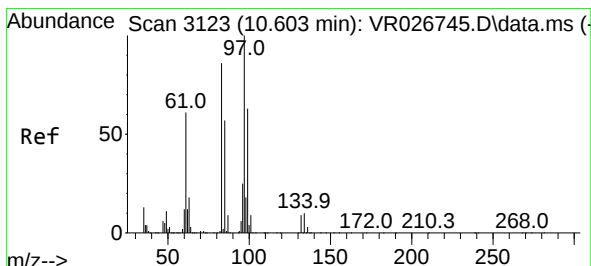
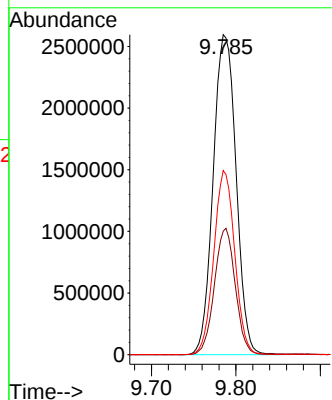
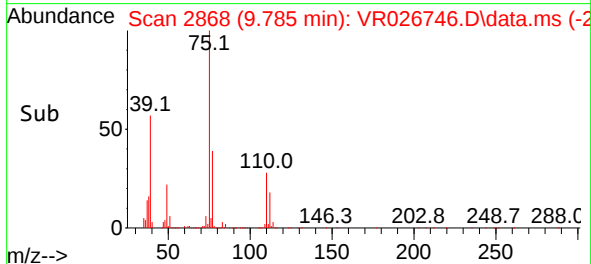
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 4890472
Ion Ratio Lower Upper
75 100
77 38.6 25.1 37.7
39 57.5 38.5 57.7

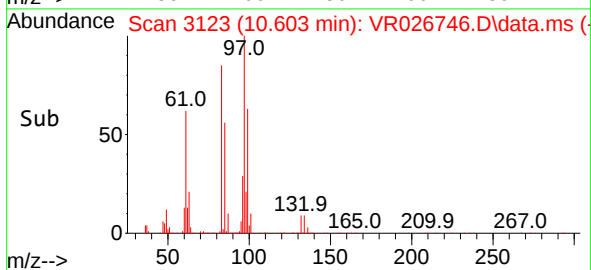
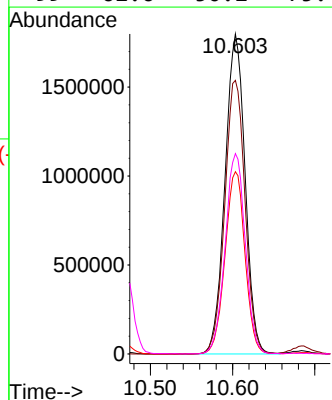
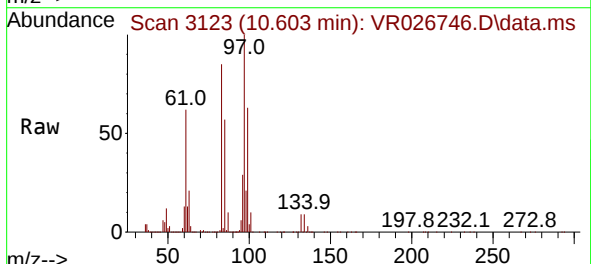
Manual Integrations
APPROVED

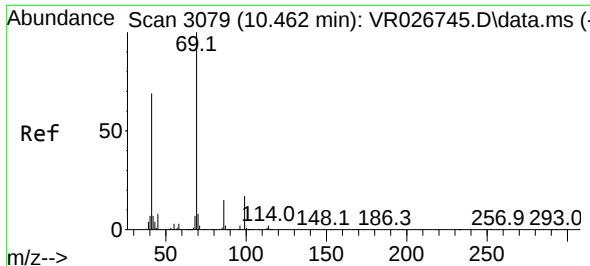
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#54
1,1,2-Trichloroethane
Concen: 107.690 ug/l
RT: 10.603 min Scan# 3123
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

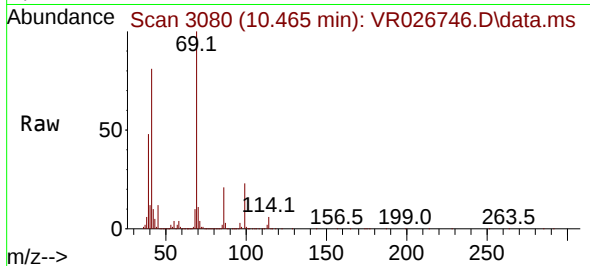
Tgt Ion: 97 Resp: 3059303
Ion Ratio Lower Upper
97 100
83 85.5 68.9 103.3
85 56.9 45.3 67.9
99 62.6 50.2 75.4





#55
Ethyl methacrylate
Concen: 102.545 ug/l
RT: 10.465 min Scan# 3079
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

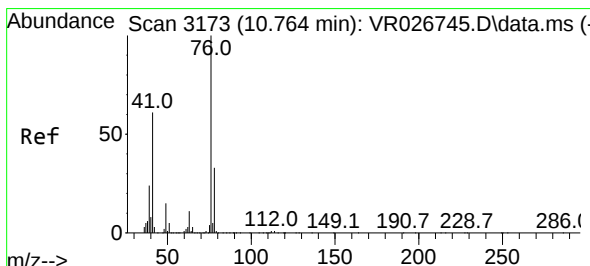
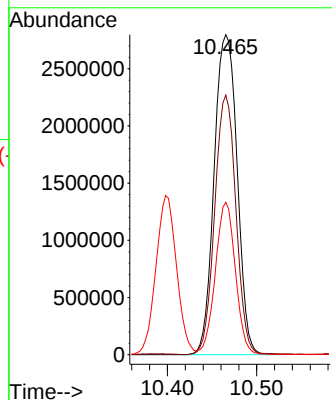
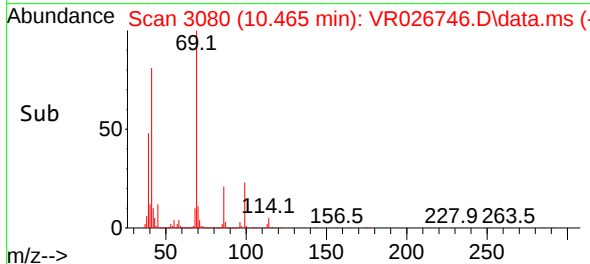
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



Tgt Ion: 69 Resp: 5010811
Ion Ratio Lower Upper
69 100
41 74.7 55.6 83.4
39 41.5 29.2 43.8

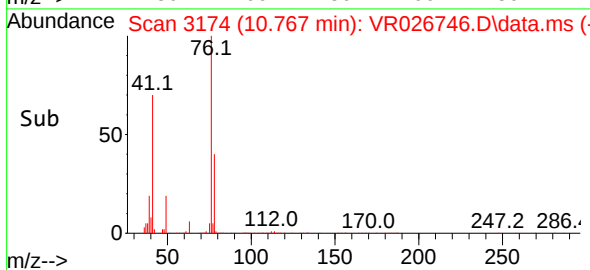
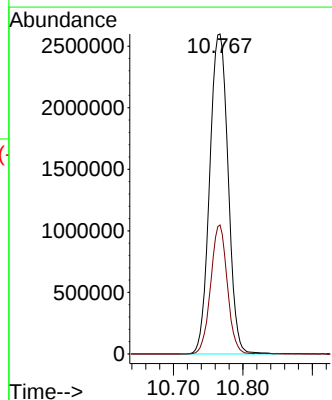
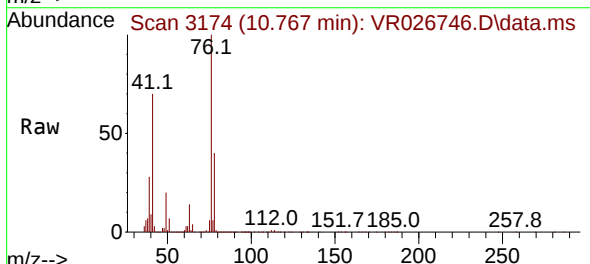
Manual Integrations
APPROVED

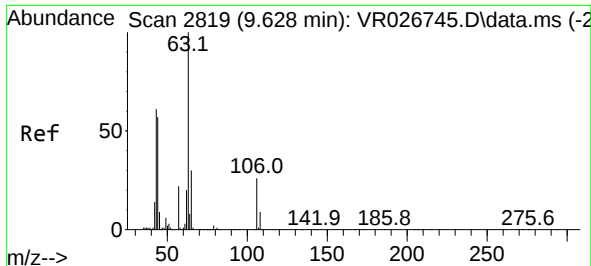
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
1,3-Dichloropropane
Concen: 99.701 ug/l
RT: 10.767 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Tgt Ion: 76 Resp: 4773997
Ion Ratio Lower Upper
76 100
78 36.4 25.9 38.9





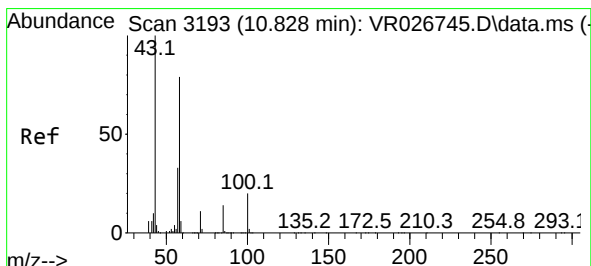
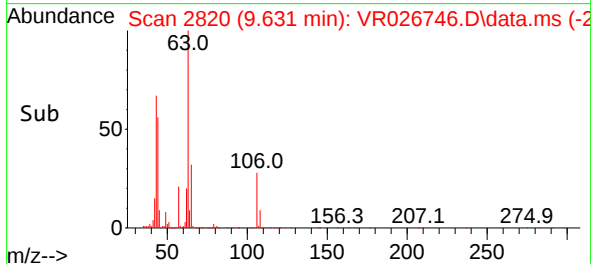
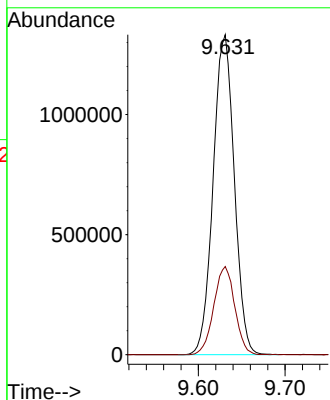
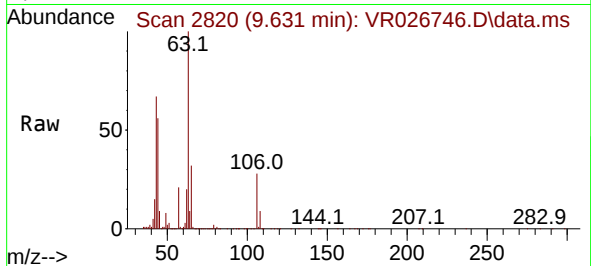
#57
2-Chloroethyl Vinyl ether
Concen: 499.713 ug/l
RT: 9.631 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 2255194
Ion Ratio Lower Upper
63 100
106 27.2 21.5 32.3

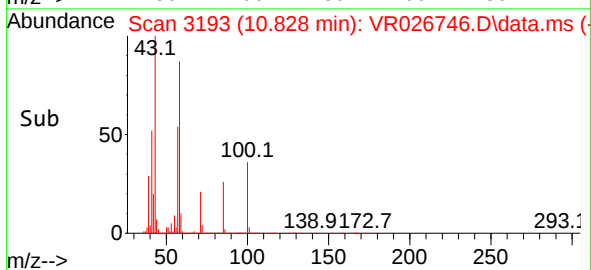
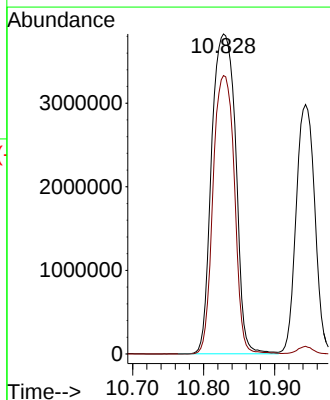
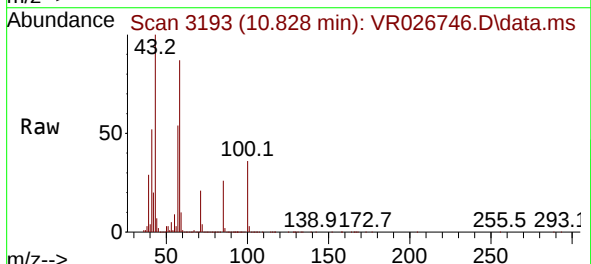
Manual Integrations
APPROVED

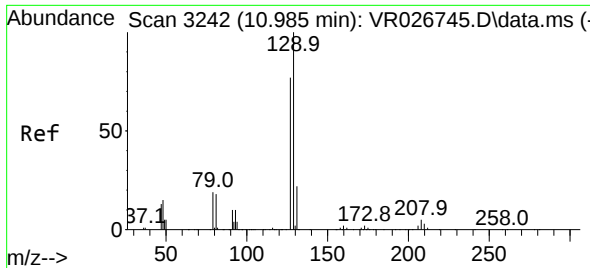
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Hexanone
Concen: 320.608 ug/l
RT: 10.828 min Scan# 3193
Delta R.T. -0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Tgt Ion: 43 Resp: 8970968
Ion Ratio Lower Upper
43 100
58 77.2 34.0 102.0





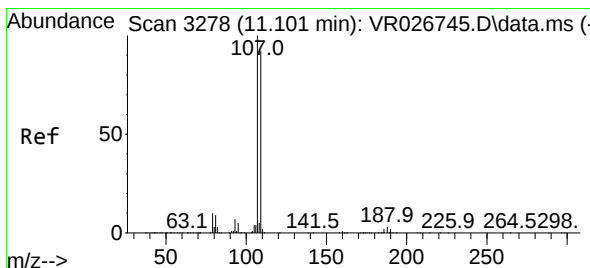
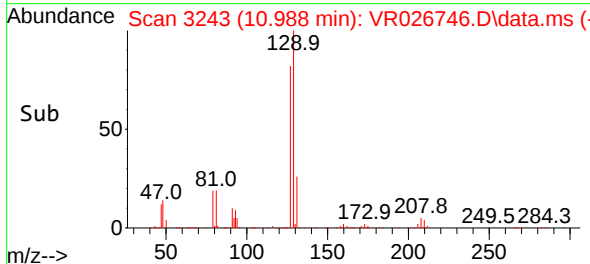
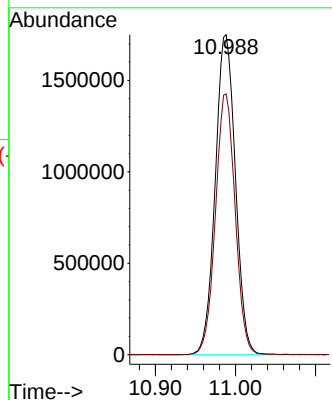
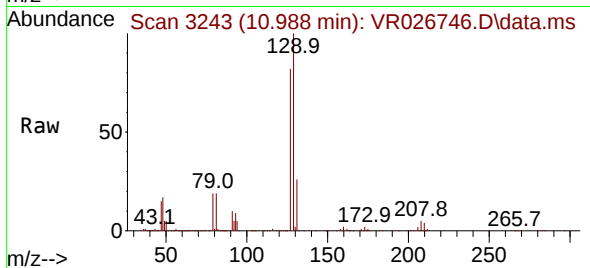
#59
Dibromochloromethane
Concen: 114.260 ug/l
RT: 10.988 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 305318
Ion Ratio Lower Upper
129 100
127 79.7 38.9 116.7

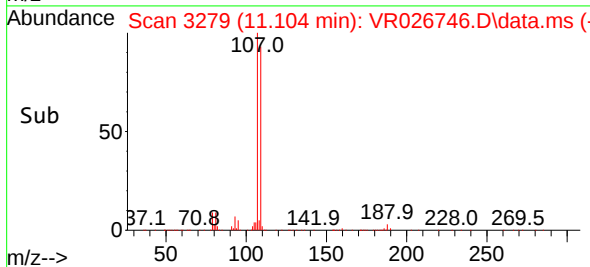
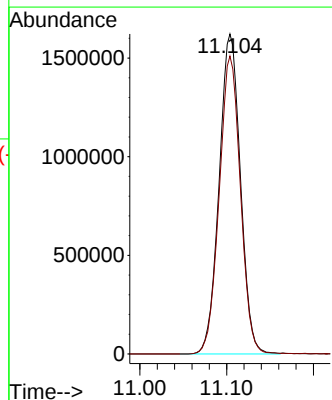
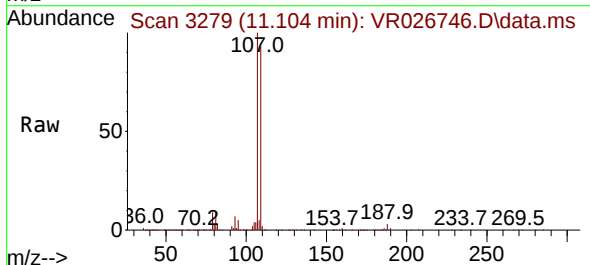
Manual Integrations
APPROVED

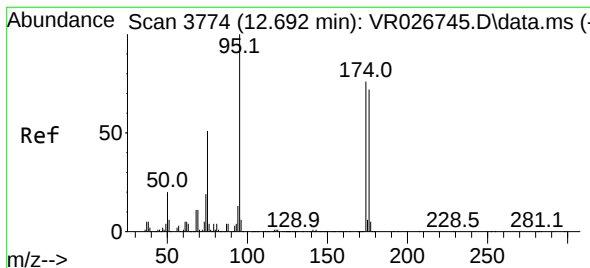
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#60
1,2-Dibromoethane
Concen: 107.470 ug/l
RT: 11.104 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Tgt Ion:107 Resp: 2759309
Ion Ratio Lower Upper
107 100
109 92.9 74.3 111.5





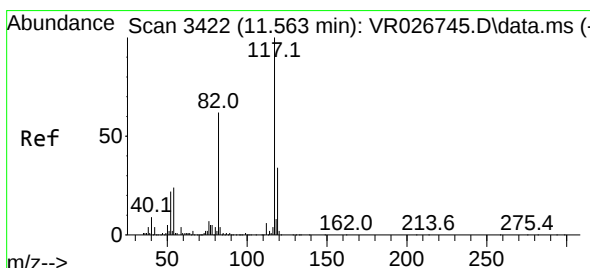
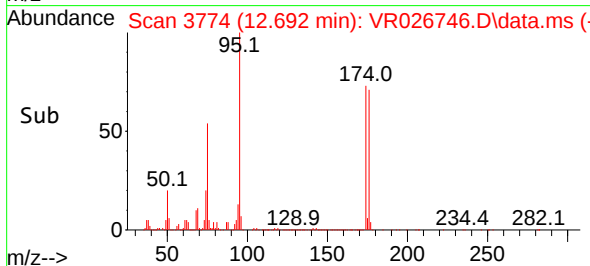
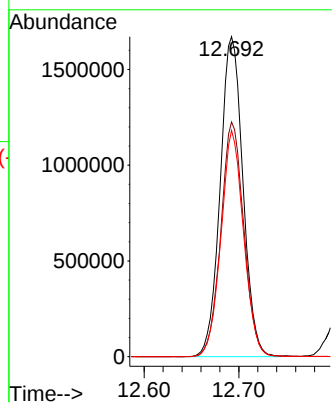
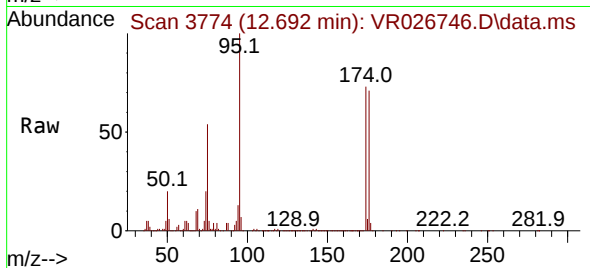
#61
4-Bromofluorobenzene
Concen: 99.870 ug/l
RT: 12.692 min Scan# 31
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 95 Resp: 278504
Ion Ratio Lower Upper
95 100
174 74.2 0.0 156.6
176 70.2 0.0 150.2

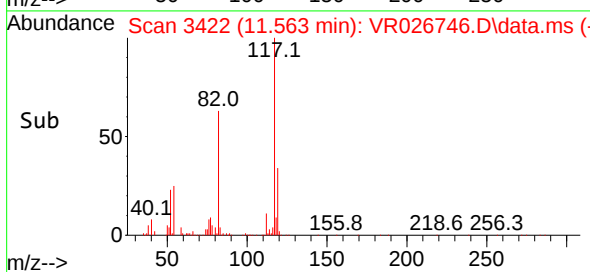
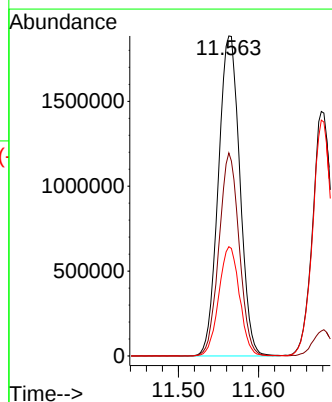
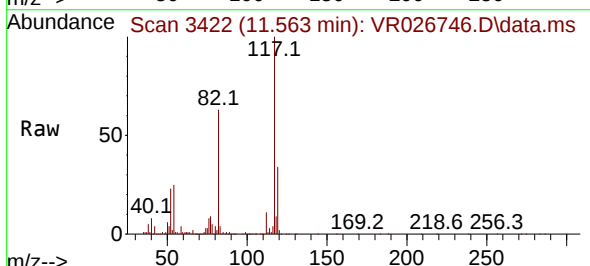
Manual Integrations
APPROVED

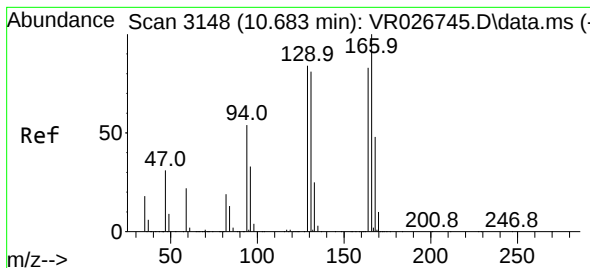
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Tgt Ion:117 Resp: 3505422
Ion Ratio Lower Upper
117 100
82 63.5 49.9 74.9
119 34.2 27.4 41.2





#63

Tetrachloroethene

Concen: 108.274 ug/l

RT: 10.687 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 2666760

Ion Ratio Lower Upper

164 100

166 120.2 95.9 143.9

129 100.0 80.2 120.2

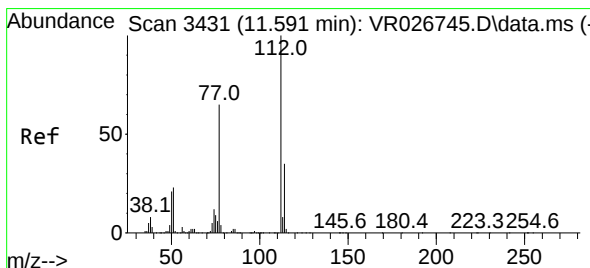
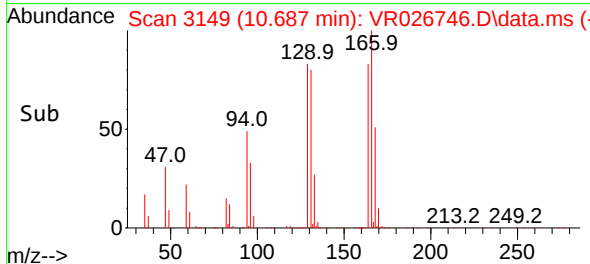
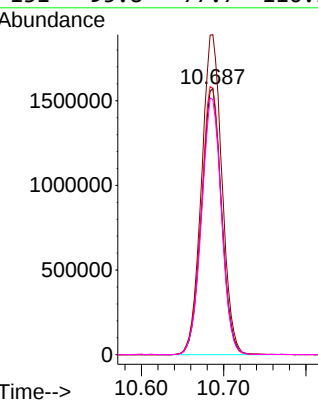
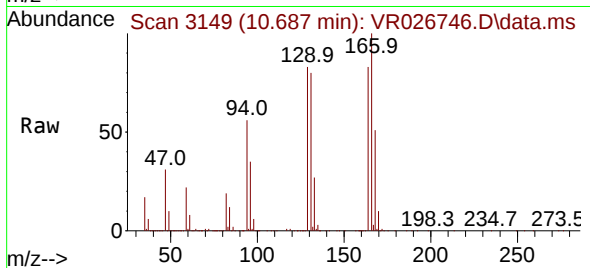
131 95.8 77.7 116.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#64

Chlorobenzene

Concen: 85.878 ug/l

RT: 11.592 min Scan# 3431

Delta R.T. 0.000 min

Lab File: VR026746.D

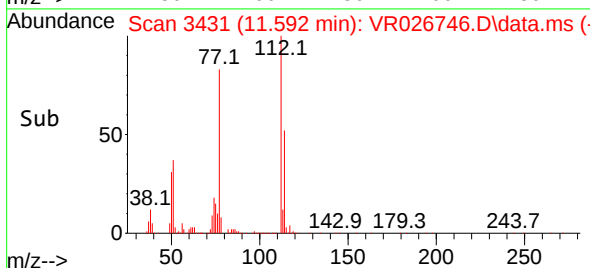
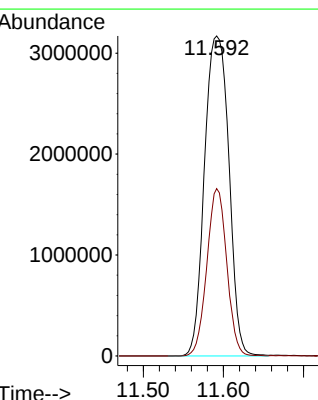
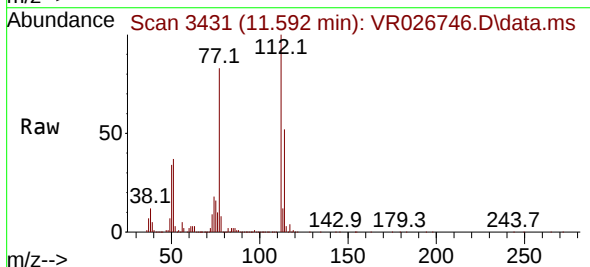
Acq: 20 Aug 2025 17:14

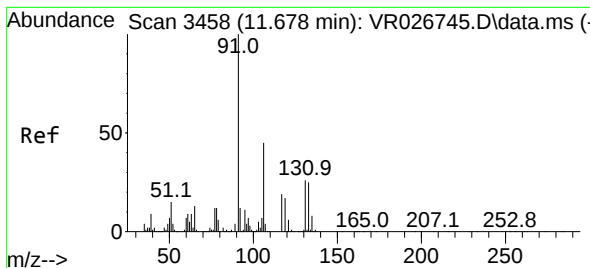
Tgt Ion:112 Resp: 6699071

Ion Ratio Lower Upper

112 100

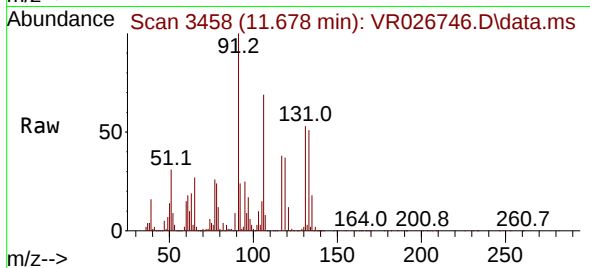
114 52.3 28.0 42.0#





#65
1,1,1,2-Tetrachloroethane
Concen: 127.037 ug/l
RT: 11.678 min Scan# 3458
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

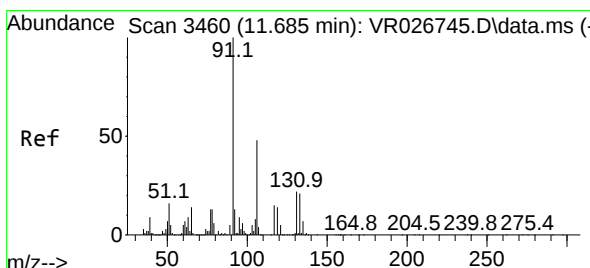
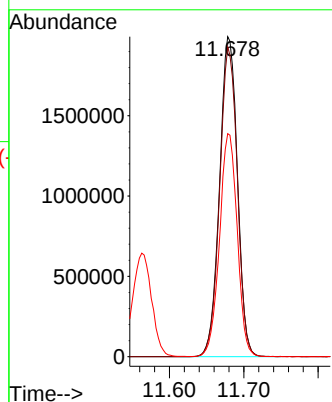
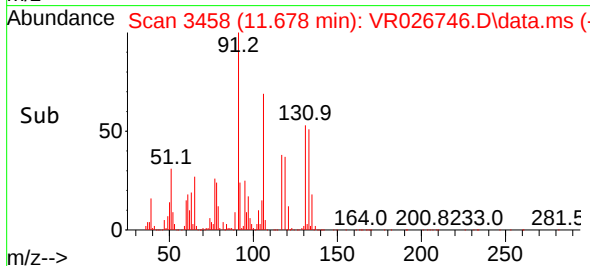
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



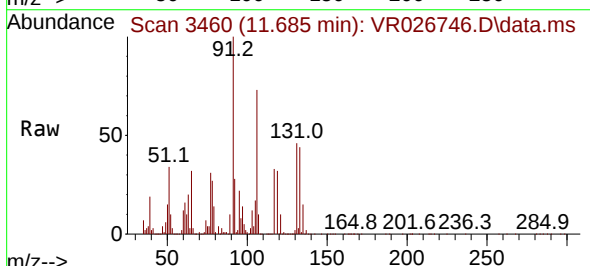
Tgt Ion:131 Resp: 332722
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 69.1 33.9 101.7

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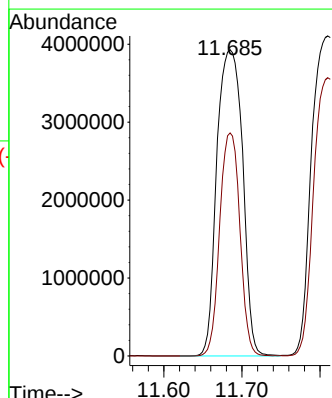
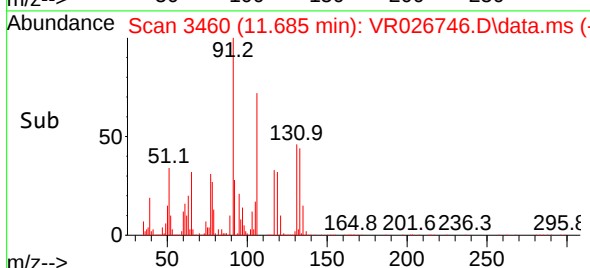
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

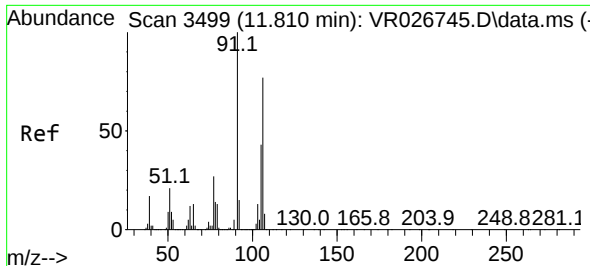


#66
Ethyl Benzene
Concen: 68.981 ug/l
RT: 11.685 min Scan# 3460
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



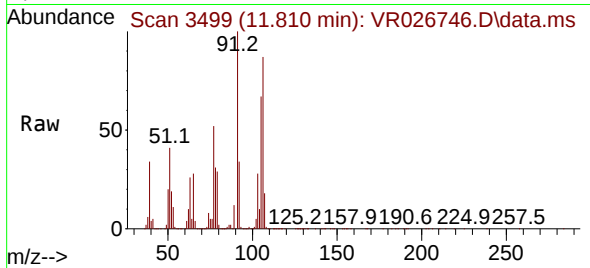
Tgt Ion: 91 Resp: 8996816
Ion Ratio Lower Upper
91 100
106 72.8 38.7 58.1#





#67
m/p-Xylenes
Concen: 165.050 ug/l
RT: 11.810 min Scan# 3499
Delta R.T. -0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

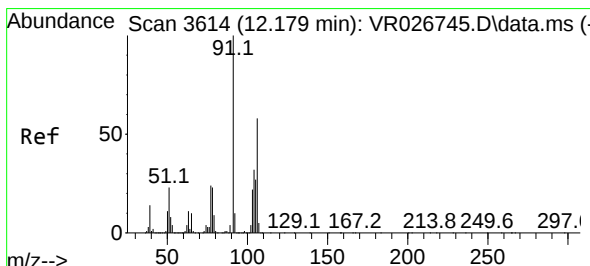
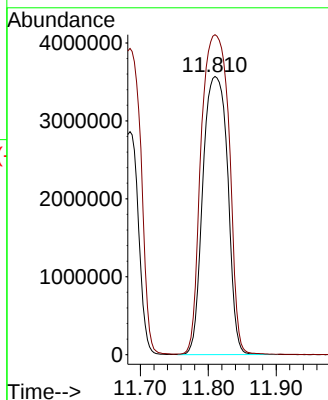
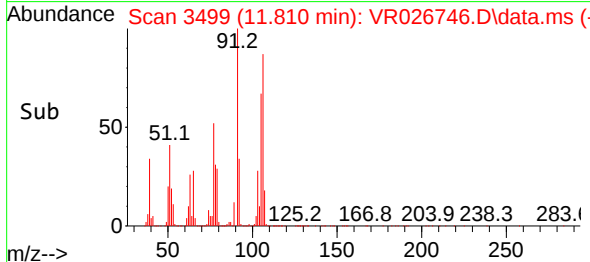
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



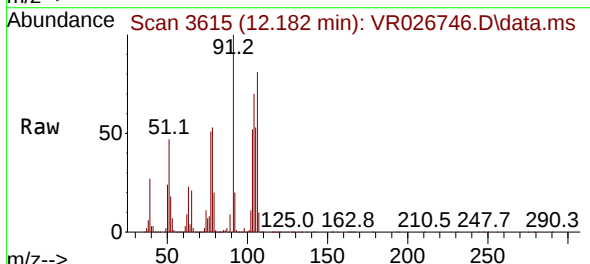
Tgt Ion:106 Resp: 9007798
Ion Ratio Lower Upper
106 100
91 129.6 121.6 182.4

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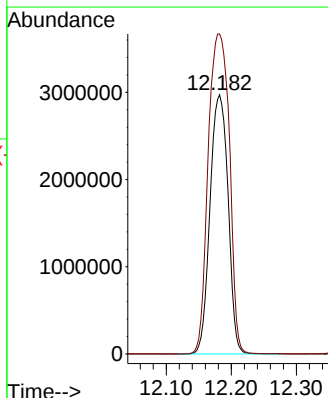
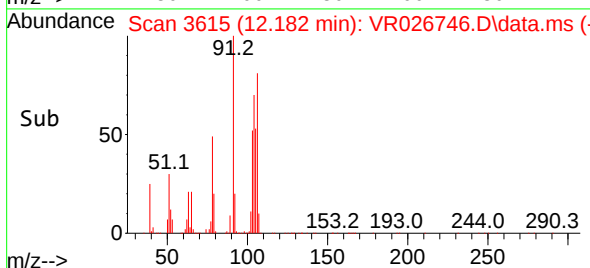
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

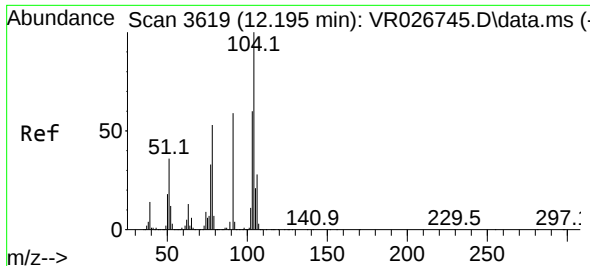


#68
o-Xylene
Concen: 103.338 ug/l
RT: 12.182 min Scan# 3615
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



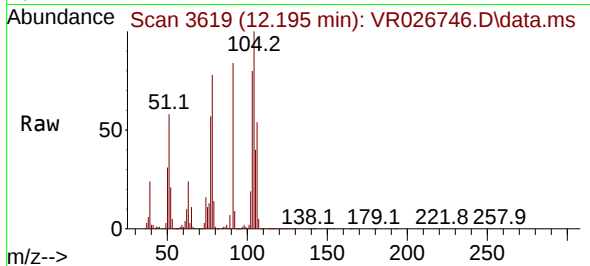
Tgt Ion:106 Resp: 5714692
Ion Ratio Lower Upper
106 100
91 145.3 93.7 281.1





#69
Styrene
Concen: 90.175 ug/l
RT: 12.195 min Scan# 3619
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

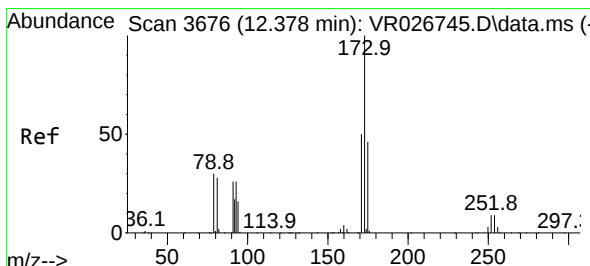
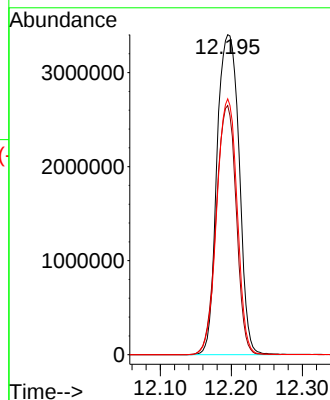
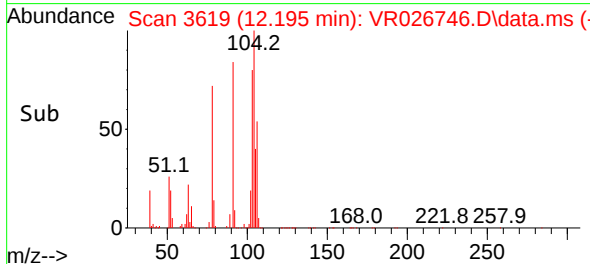
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



Tgt Ion:104 Resp: 733827
Ion Ratio Lower Upper
104 100
78 70.9 42.5 63.7
103 73.8 47.5 71.3

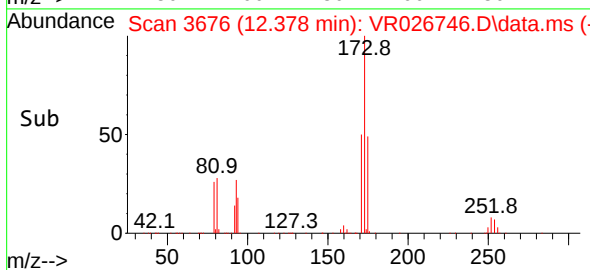
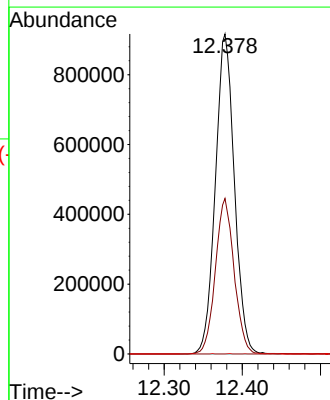
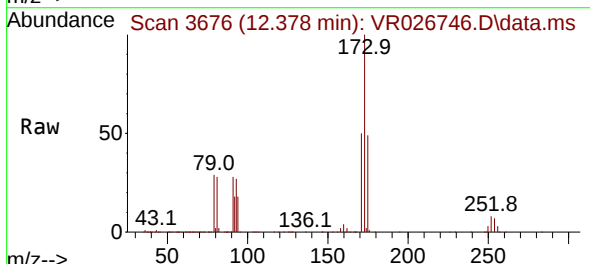
Manual Integrations
APPROVED

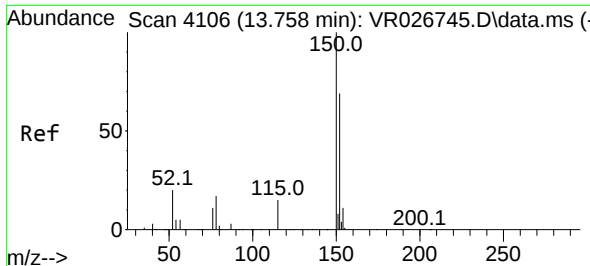
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#70
Bromoform
Concen: 109.596 ug/l
RT: 12.378 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

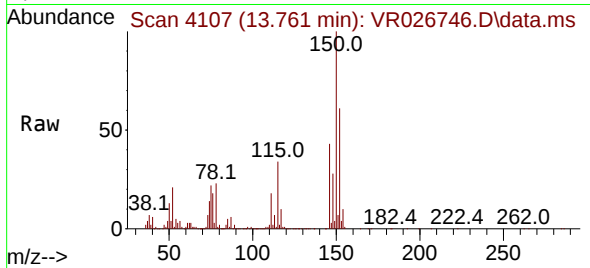
Tgt Ion:173 Resp: 1547788
Ion Ratio Lower Upper
173 100
175 47.9 23.8 71.4
254 0.0 0.0 0.0





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.761 min Scan# 4106
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

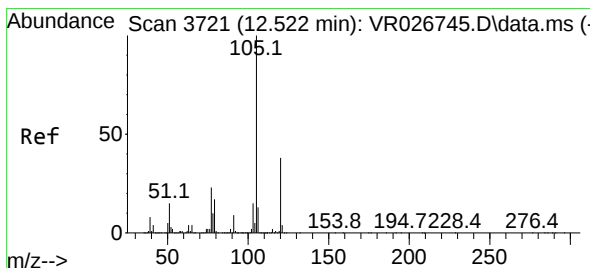
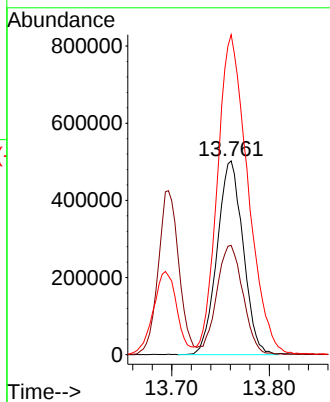
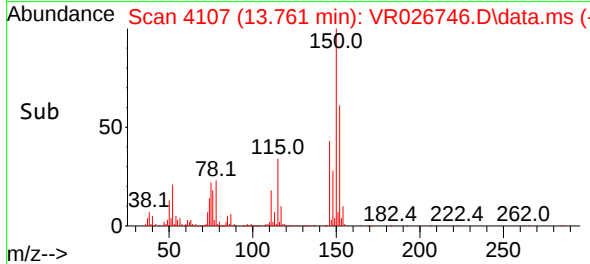
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



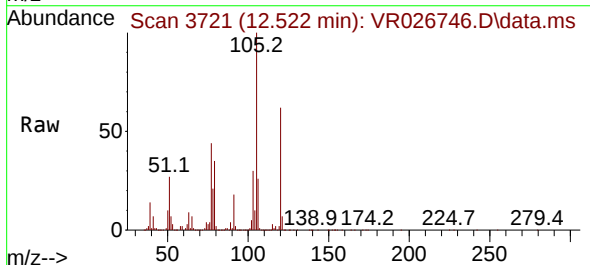
Tgt Ion:152 Resp: 928230
Ion Ratio Lower Upper
152 100
115 57.2 28.5 85.5
150 193.6 0.0 352.0

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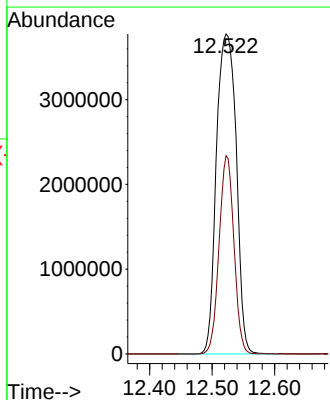
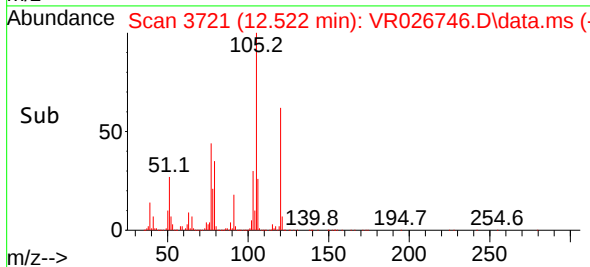
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

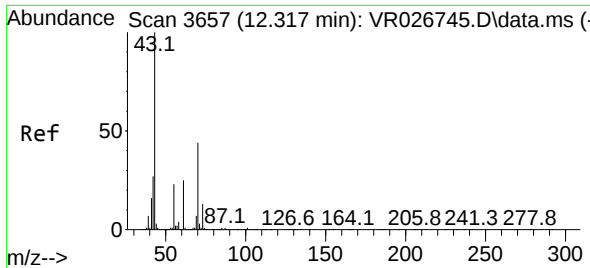


#72
Isopropylbenzene
Concen: 82.406 ug/l
RT: 12.522 min Scan# 3721
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



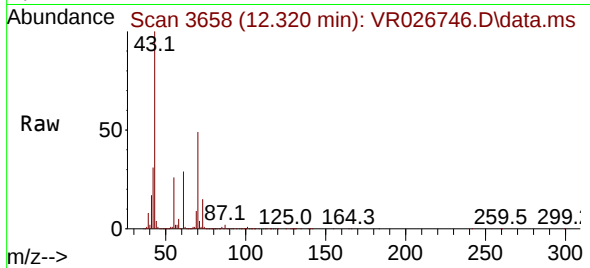
Tgt Ion:105 Resp: 8303034
Ion Ratio Lower Upper
105 100
120 46.4 16.4 49.2





#73
N-amy1 acetate
Concen: 110.661 ug/l
RT: 12.320 min Scan# 30
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

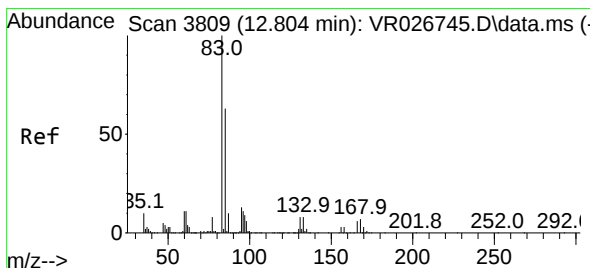
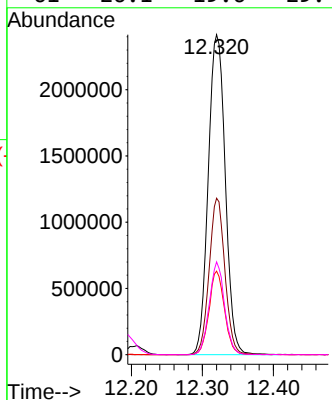
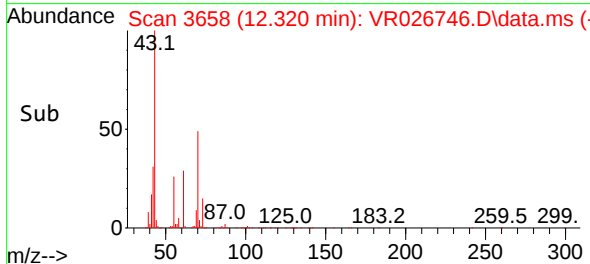
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



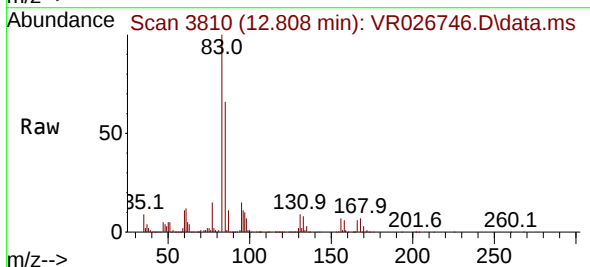
Tgt Ion: 43 Resp: 402549
Ion Ratio Lower Upper
43 100
70 45.3 34.1 51.1
55 23.8 18.1 27.1
61 26.1 19.6 29.4

Manual Integrations
APPROVED

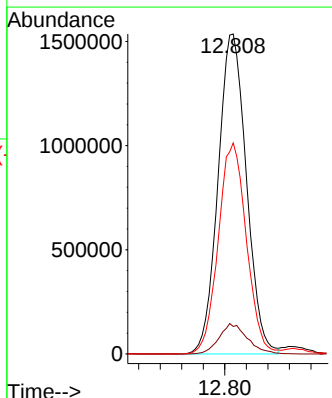
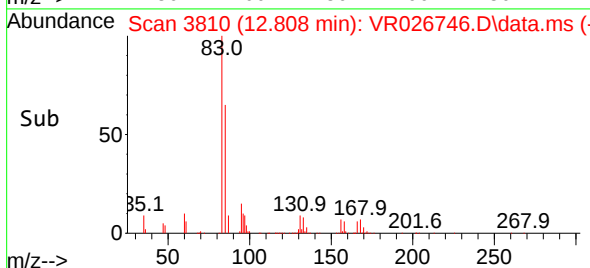
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

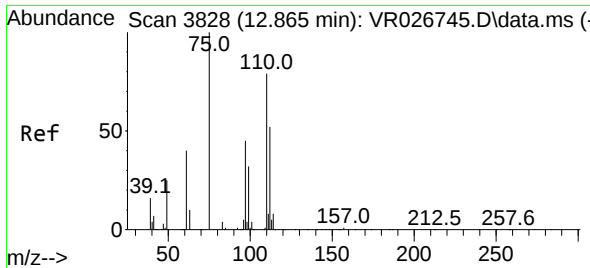


#74
1,1,2,2-Tetrachloroethane
Concen: 97.338 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



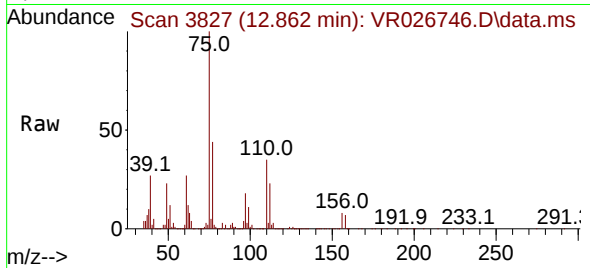
Tgt Ion: 83 Resp: 2807523
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 65.5 31.7 95.1





#75
1,2,3-Trichloropropane
Concen: 104.296 ug/l m
RT: 12.862 min Scan# 3828
Delta R.T. -0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

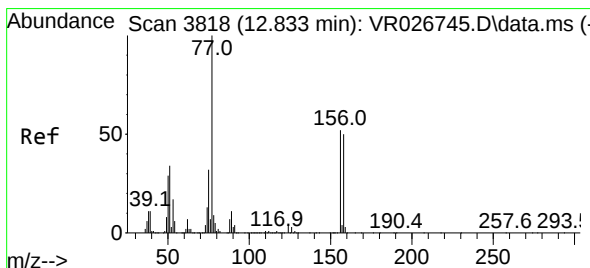
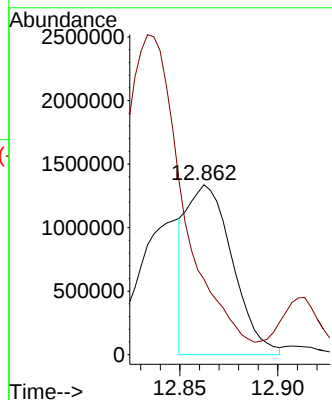
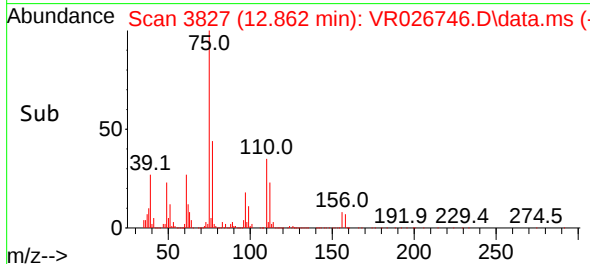
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



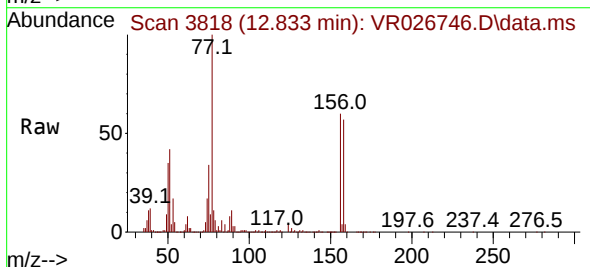
Tgt Ion: 75 Resp: 2178928
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Manual Integrations
APPROVED

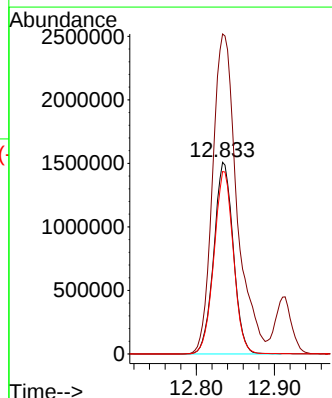
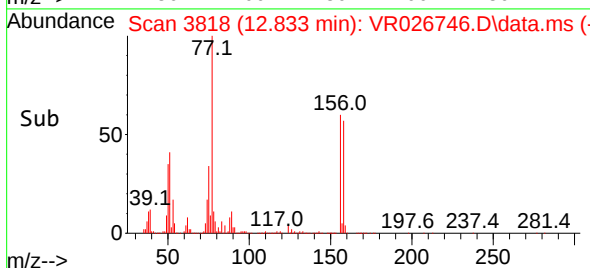
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

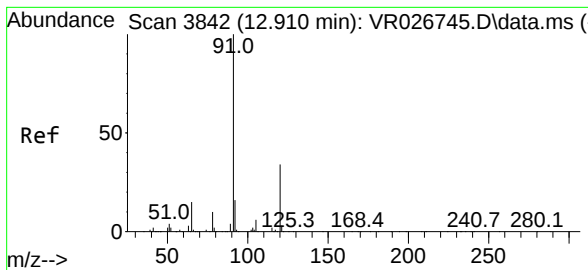


#76
Bromobenzene
Concen: 118.224 ug/l
RT: 12.833 min Scan# 3818
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



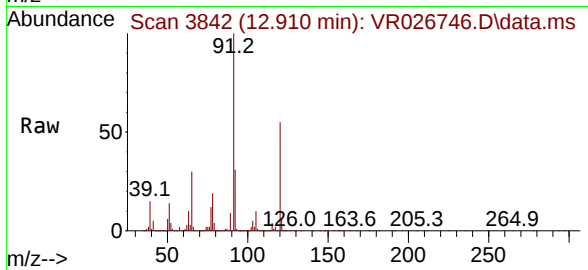
Tgt Ion:156 Resp: 2607396
Ion Ratio Lower Upper
156 100
77 208.6 109.8 329.4
158 95.5 47.5 142.6





#77
n-propylbenzene
Concen: 77.270 ug/l
RT: 12.910 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

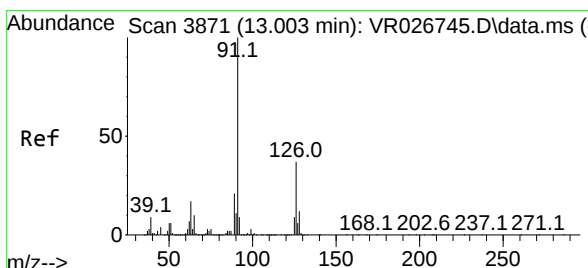
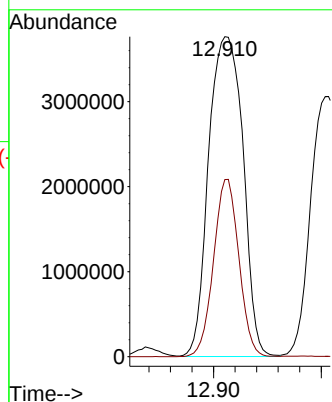
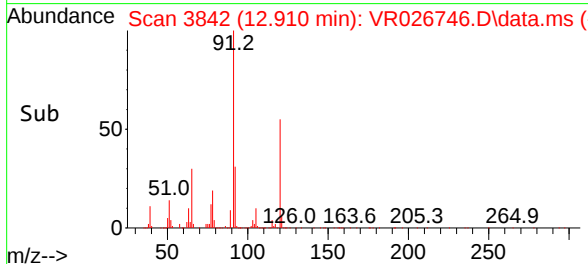
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



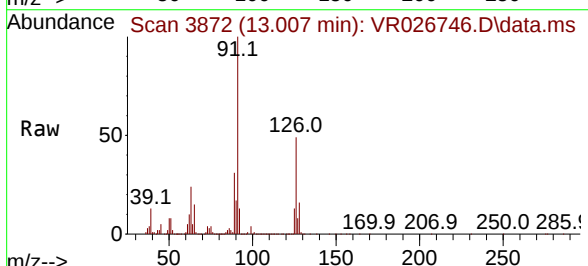
Tgt Ion: 91 Resp: 8346678
Ion Ratio Lower Upper
91 100
120 40.9 14.2 42.8

Manual Integrations
APPROVED

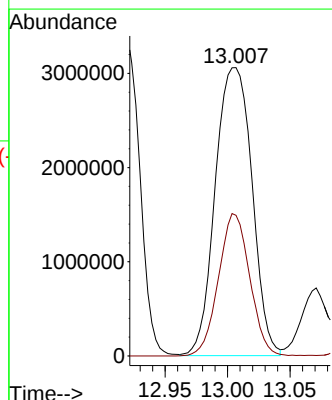
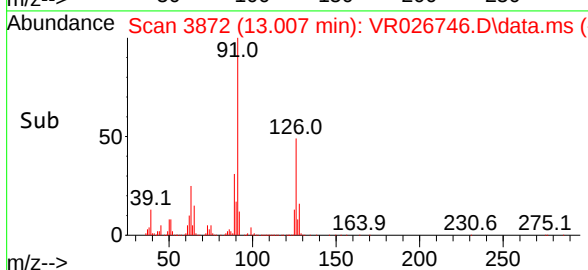
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

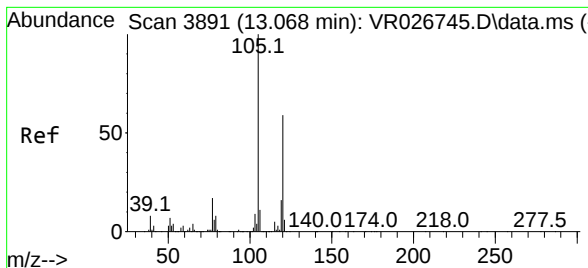


#78
2-Chlorotoluene
Concen: 98.262 ug/l
RT: 13.007 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



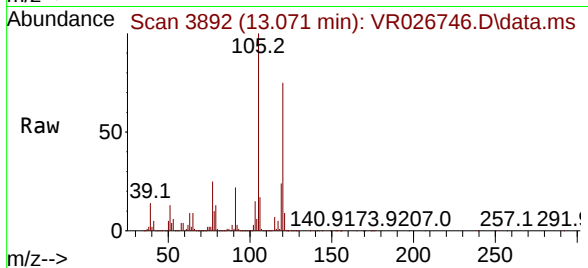
Tgt Ion: 91 Resp: 6268370
Ion Ratio Lower Upper
91 100
126 42.1 18.0 54.0





#79
1,3,5-Trimethylbenzene
Concen: 87.106 ug/l
RT: 13.071 min Scan# 3892
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

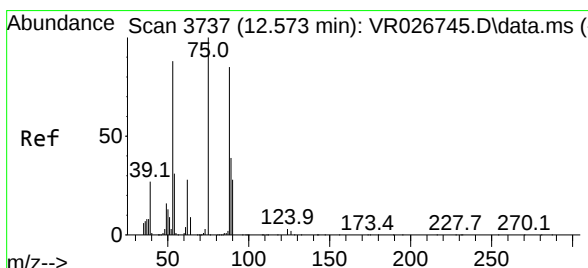
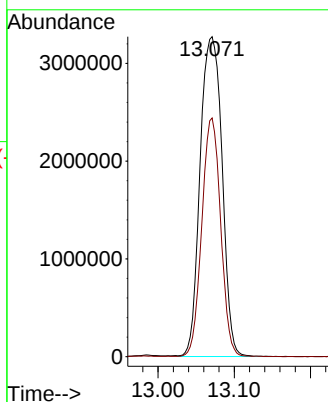
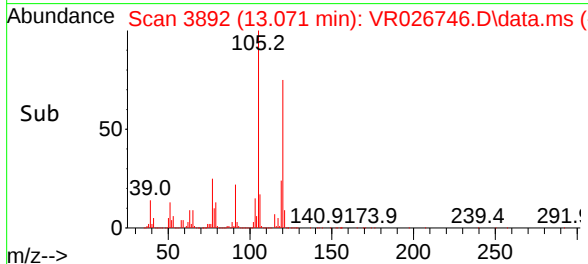
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



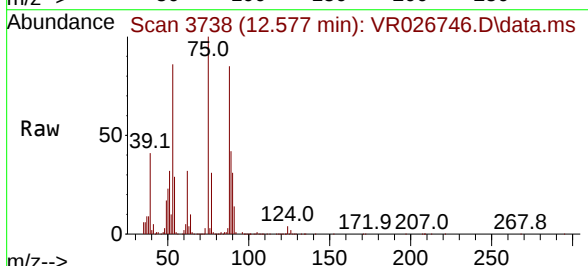
Tgt Ion:105 Resp: 655398
Ion Ratio Lower Upper
105 100
120 63.7 27.8 83.4

Manual Integrations
APPROVED

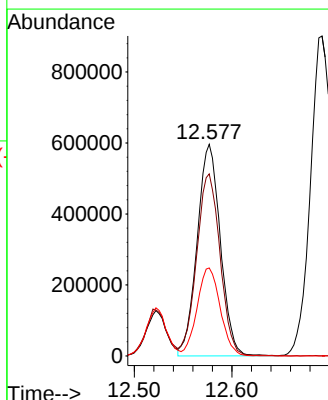
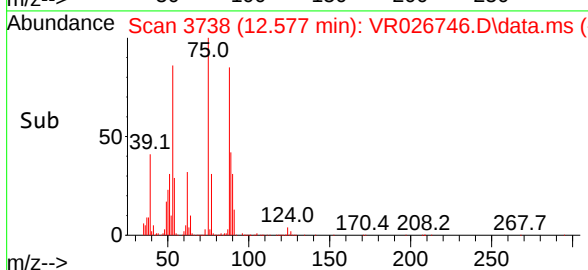
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

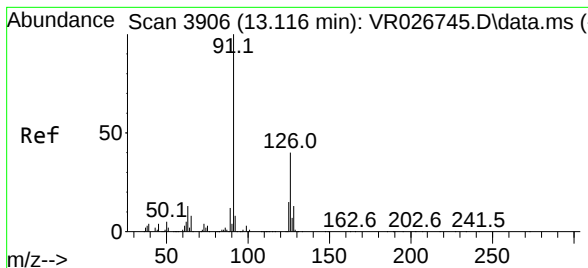


#80
trans-1,4-Dichloro-2-butene
Concen: 101.876 ug/l
RT: 12.577 min Scan# 3738
Delta R.T. 0.004 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



Tgt Ion: 75 Resp: 982578
Ion Ratio Lower Upper
75 100
53 86.4 70.9 106.3
89 41.6 33.4 50.0





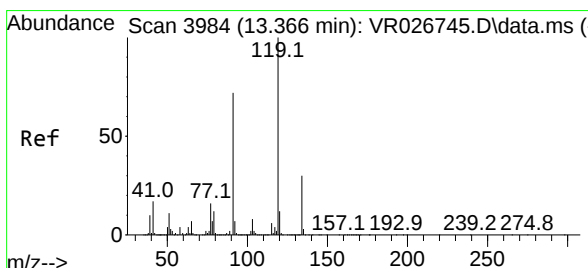
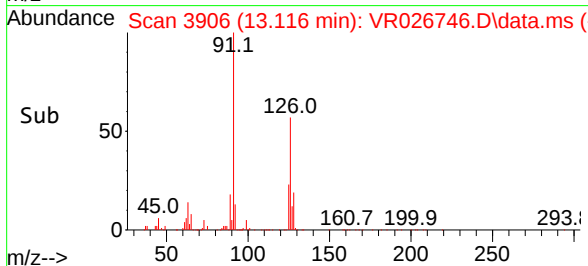
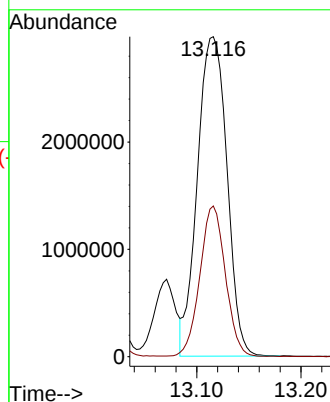
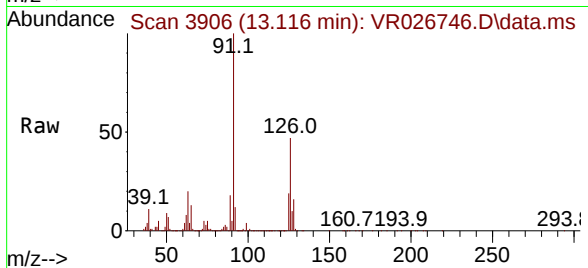
#81
4-Chlorotoluene
Concen: 100.425 ug/l
RT: 13.116 min Scan# 3906
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 5869924
Ion Ratio Lower Upper
91 100
126 40.7 18.2 54.6

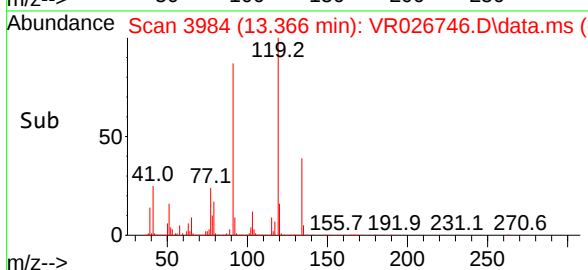
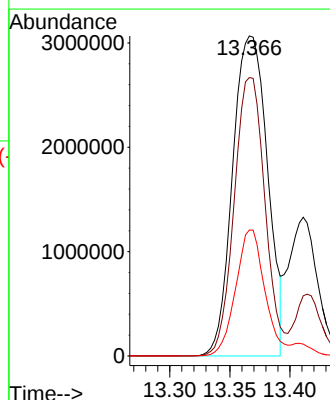
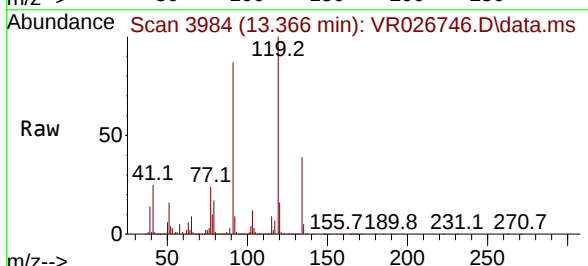
Manual Integrations
APPROVED

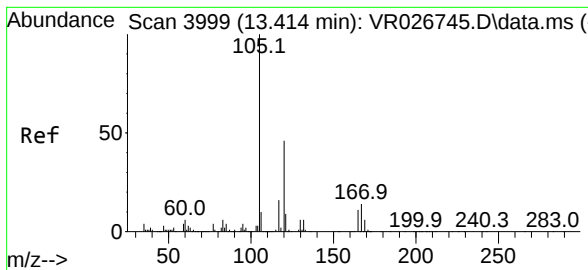
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
tert-Butylbenzene
Concen: 88.005 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

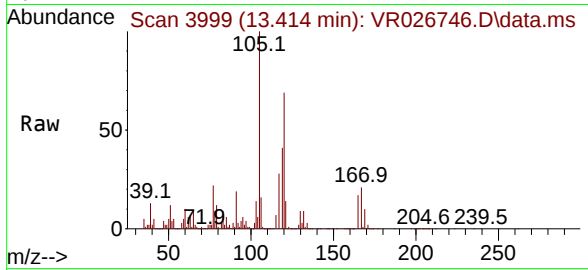
Tgt Ion:119 Resp: 6190587
Ion Ratio Lower Upper
119 100
91 77.3 33.5 100.5
134 33.0 14.9 44.9





#83
1,2,4-Trimethylbenzene
Concen: 89.780 ug/l
RT: 13.414 min Scan# 3999
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

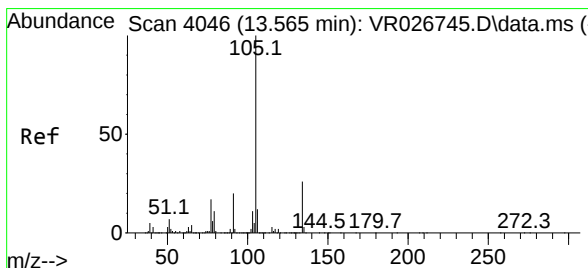
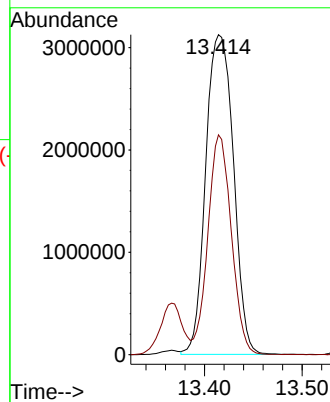
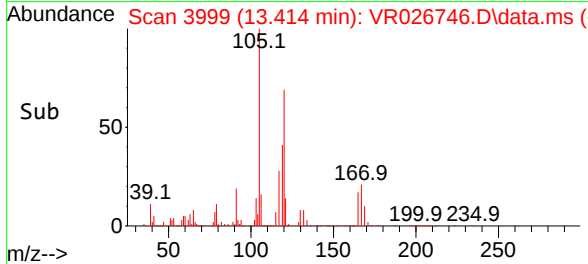
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



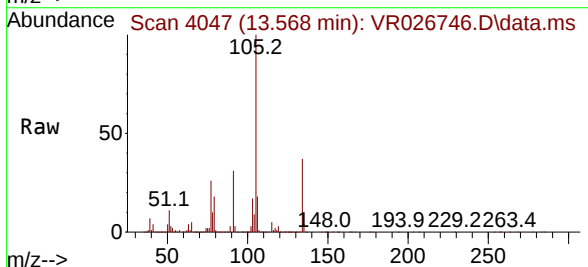
Tgt Ion:105 Resp: 615959
Ion Ratio Lower Upper
105 100
120 58.4 25.3 75.9

Manual Integrations
APPROVED

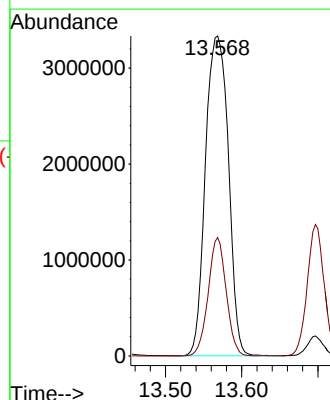
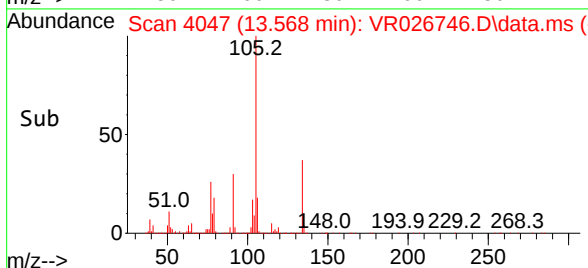
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

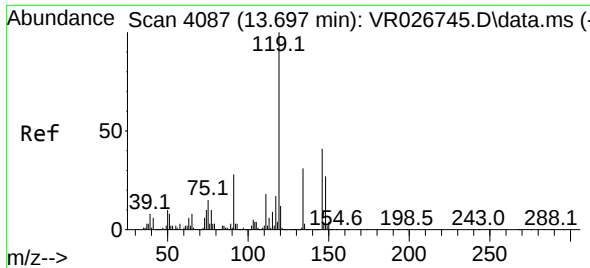


#84
sec-Butylbenzene
Concen: 77.179 ug/l
RT: 13.568 min Scan# 4047
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



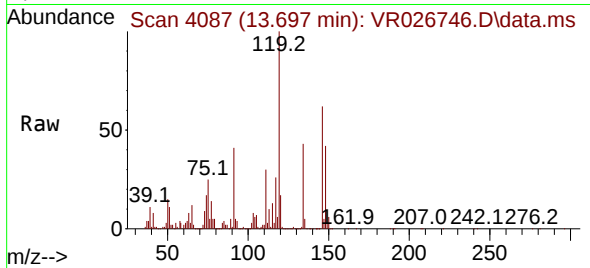
Tgt Ion:105 Resp: 6983113
Ion Ratio Lower Upper
105 100
134 29.1 11.6 34.7





#85
p-Isopropyltoluene
Concen: 85.393 ug/l
RT: 13.697 min Scan# 4087
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

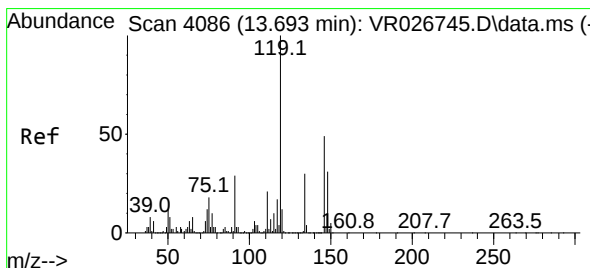
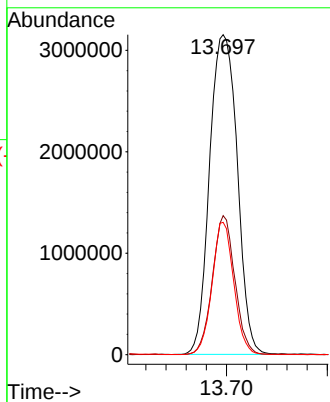
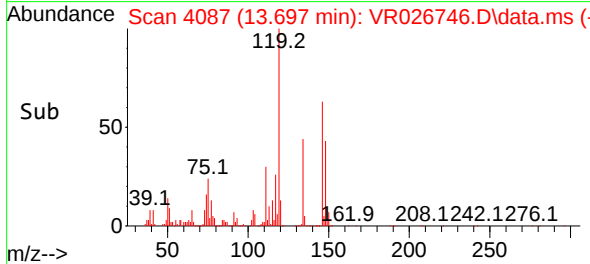
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



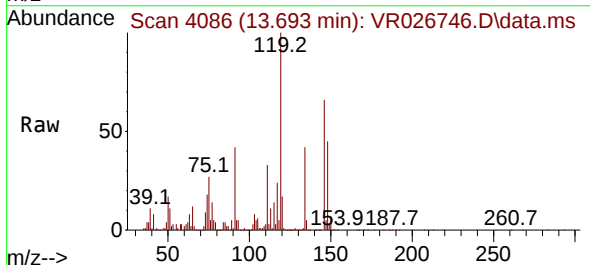
Tgt Ion:119 Resp: 600372
Ion Ratio Lower Upper
119 100
134 35.4 14.4 43.2
91 32.5 12.7 38.0

Manual Integrations
APPROVED

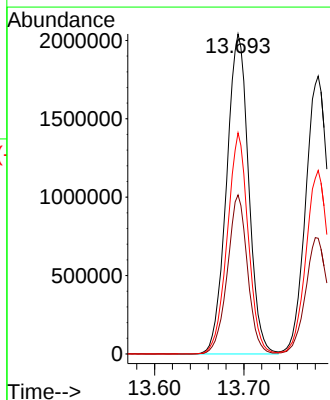
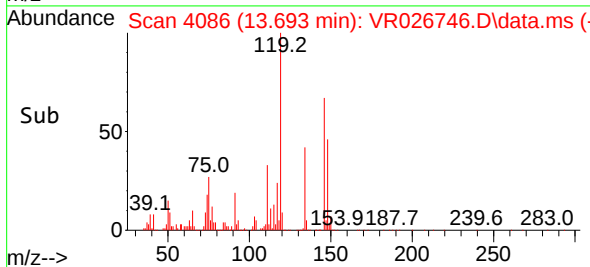
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

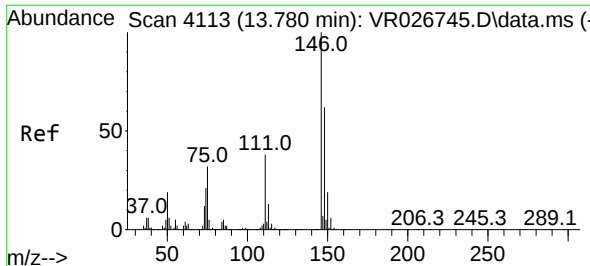


#86
1,3-Dichlorobenzene
Concen: 107.083 ug/l
RT: 13.693 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



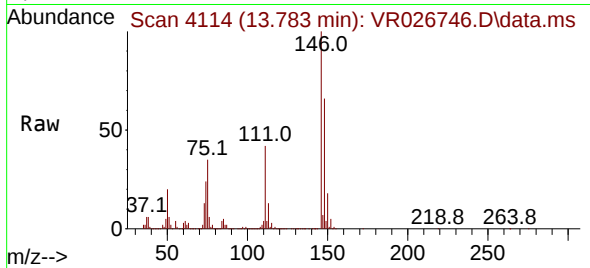
Tgt Ion:146 Resp: 3507400
Ion Ratio Lower Upper
146 100
111 45.4 20.9 62.7
148 65.6 31.8 95.3





#87
1,4-Dichlorobenzene
Concen: 101.241 ug/l
RT: 13.783 min Scan# 4113
Delta R.T. 0.003 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

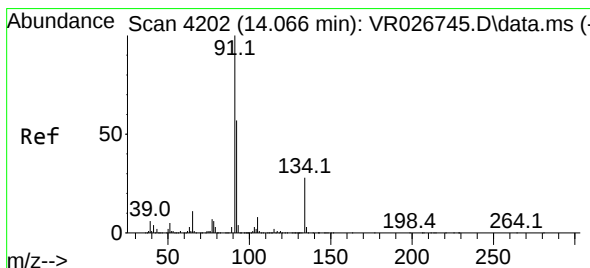
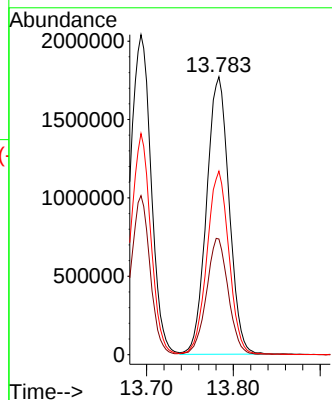
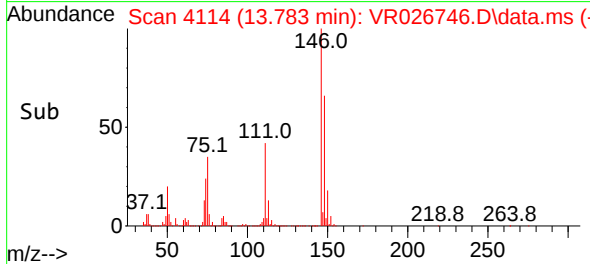
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC100



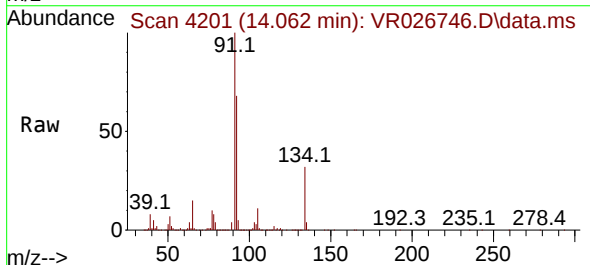
Tgt Ion:146 Resp: 3194718
Ion Ratio Lower Upper
146 100
111 40.1 18.6 55.6
148 64.8 31.5 94.5

Manual Integrations
APPROVED

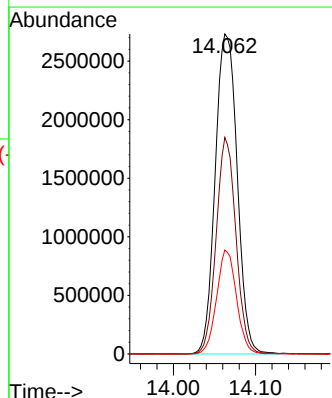
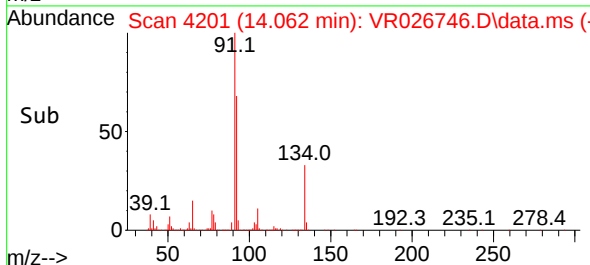
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

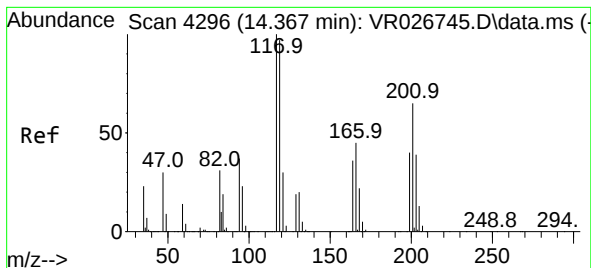


#88
n-Butylbenzene
Concen: 101.194 ug/l
RT: 14.062 min Scan# 4201
Delta R.T. -0.004 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



Tgt Ion: 91 Resp: 5083507
Ion Ratio Lower Upper
91 100
92 60.8 27.7 83.0
134 29.4 13.5 40.5





#89

Hexachloroethane

Concen: 99.249 ug/l

RT: 14.367 min Scan# 4296

Delta R.T. 0.000 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 113183

Ion Ratio Lower Upper

117 100

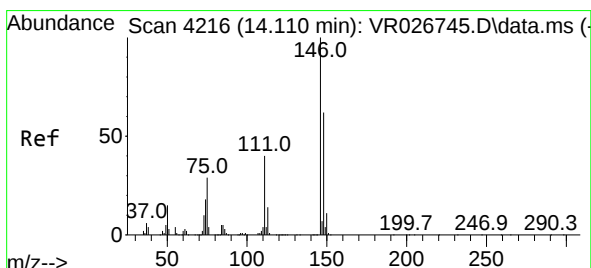
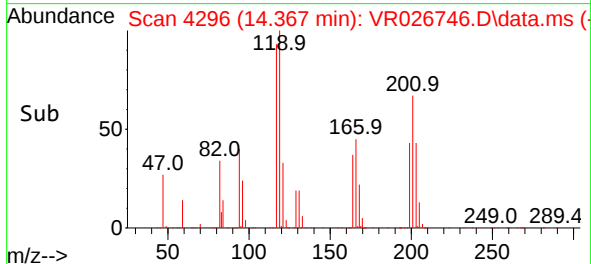
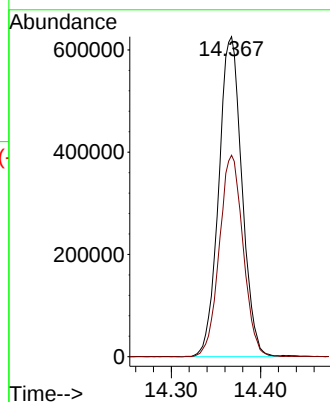
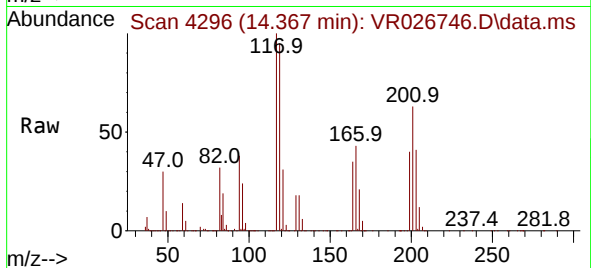
201 64.3 33.3 99.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#90

1,2-Dichlorobenzene

Concen: 112.664 ug/l

RT: 14.111 min Scan# 4216

Delta R.T. 0.001 min

Lab File: VR026746.D

Acq: 20 Aug 2025 17:14

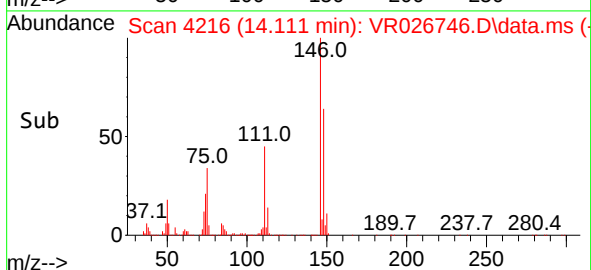
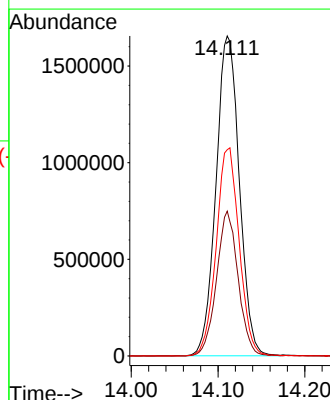
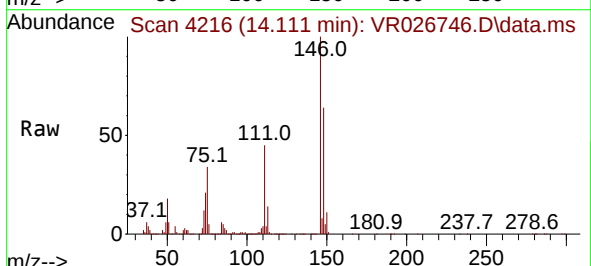
Tgt Ion:146 Resp: 3099017

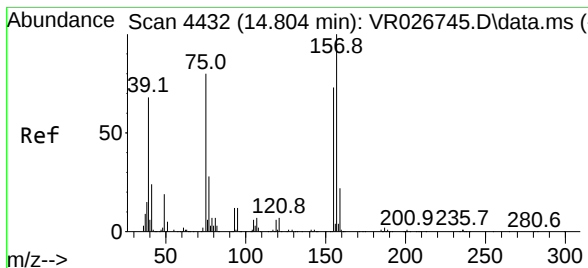
Ion Ratio Lower Upper

146 100

111 42.0 19.9 59.7

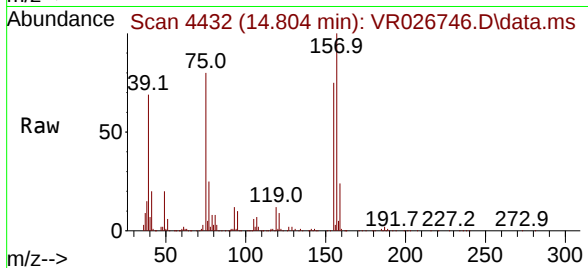
148 64.1 31.5 94.5





#91
 1,2-Dibromo-3-Chloropropane
 Concen: 100.064 ug/l
 RT: 14.804 min Scan# 4432
 Delta R.T. -0.000 min
 Lab File: VR026746.D
 Acq: 20 Aug 2025 17:14

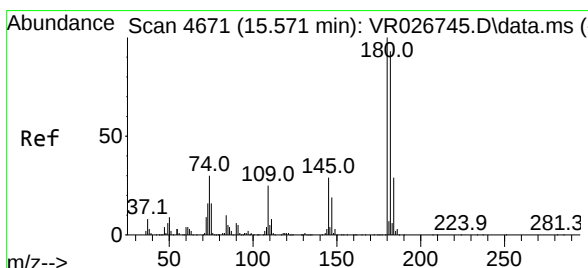
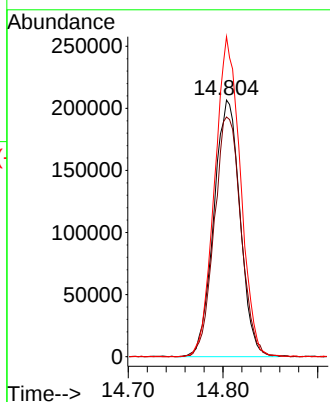
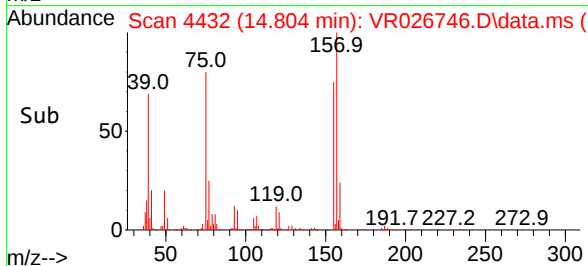
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100



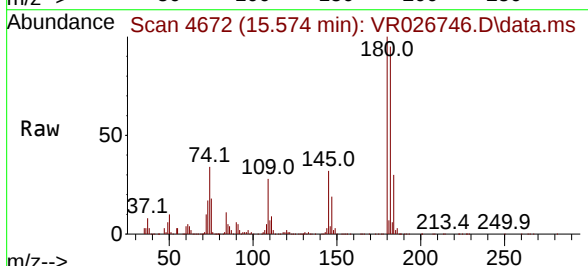
Tgt Ion: 75 Resp: 397609
 Ion Ratio Lower Upper
 75 100
 155 95.0 48.4 145.3
 157 122.3 62.3 186.8

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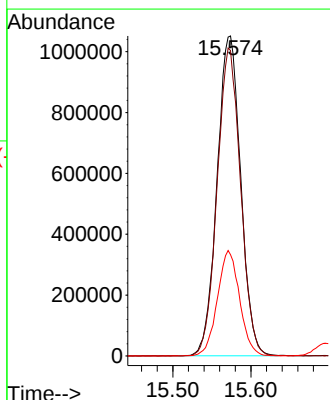
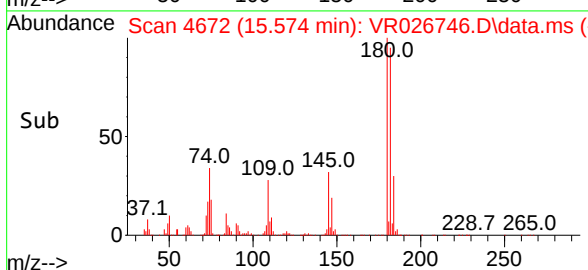
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

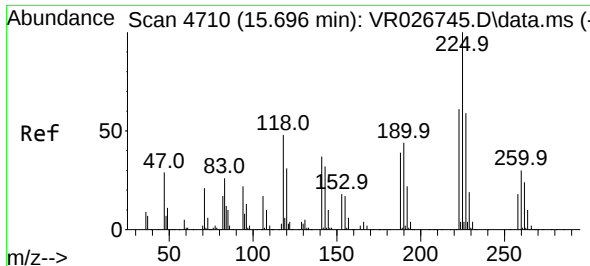


#92
 1,2,4-Trichlorobenzene
 Concen: 122.368 ug/l
 RT: 15.574 min Scan# 4672
 Delta R.T. 0.003 min
 Lab File: VR026746.D
 Acq: 20 Aug 2025 17:14



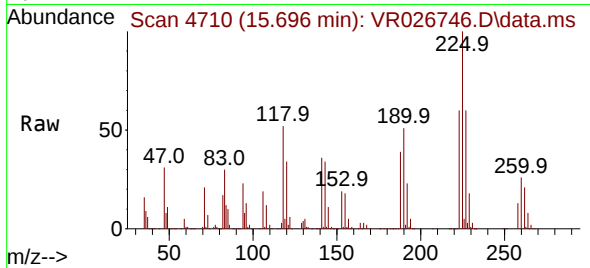
Tgt Ion:180 Resp: 2211493
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.1 141.4
 145 31.0 14.4 43.4





#93
Hexachlorobutadiene
Concen: 125.259 ug/l
RT: 15.696 min Scan# 4710
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14

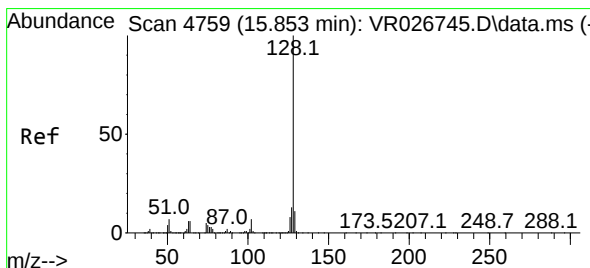
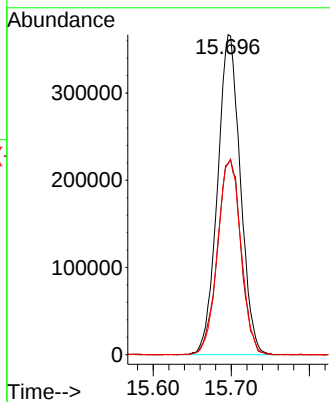
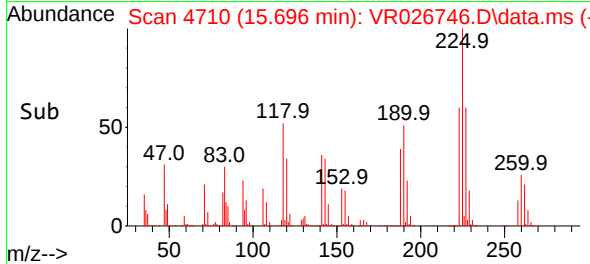
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC100



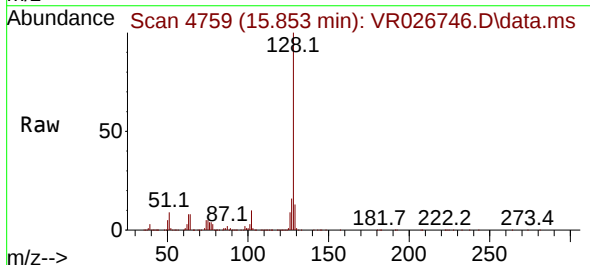
Tgt Ion:225 Resp: 74614
Ion Ratio Lower Upper
225 100
223 62.7 31.5 94.5
227 62.5 31.3 93.8

Manual Integrations
APPROVED

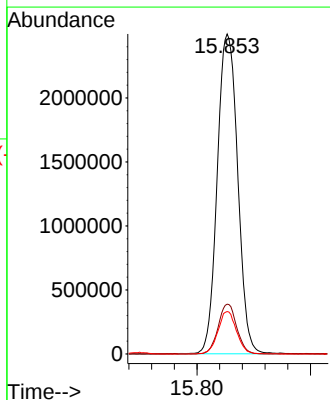
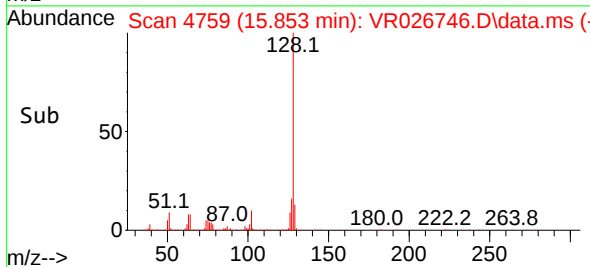
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

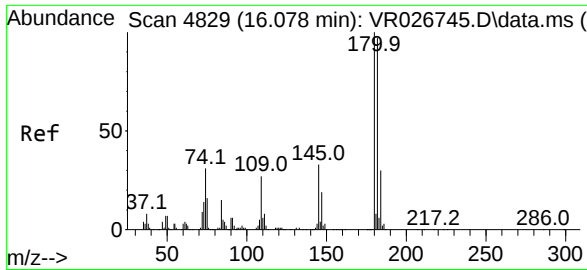


#94
Naphthalene
Concen: 120.494 ug/l
RT: 15.853 min Scan# 4759
Delta R.T. 0.000 min
Lab File: VR026746.D
Acq: 20 Aug 2025 17:14



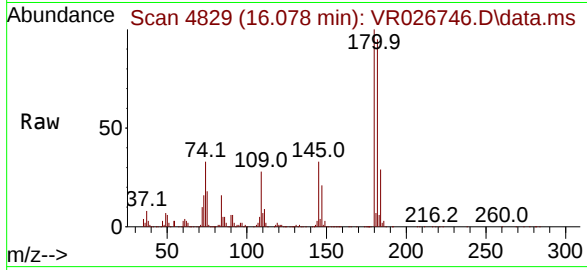
Tgt Ion:128 Resp: 6226544
Ion Ratio Lower Upper
128 100
127 14.2 10.0 15.0
129 12.1 8.7 13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 121.198 ug/l
 RT: 16.078 min Scan# 4829
 Delta R.T. 0.000 min
 Lab File: VR026746.D
 Acq: 20 Aug 2025 17:14

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC100



Tgt Ion:180 Resp: 212534

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.6
145	32.7	15.6	46.8

Manual Integrations
 APPROVED

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

