

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
 Data File : VR026760.D
 Acq On : 25 Aug 2025 14:16
 Operator : SY/MD
 Sample : VR0825WBS01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0825WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

Quant Time: Aug 25 22:49:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:59:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.398	168	1599048	50.000	ug/l	0.01
33) 1,4-Difluorobenzene	8.399	114	2663198	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.576	117	2129589	50.000	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	13.774	152	698939	50.000	ug/l	0.02

System Monitoring Compounds

32) 1,2-Dichloroethane-d4	7.783	65	975865	48.596	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.200%
34) Dibromofluoromethane	7.308	113	810968	46.689	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
49) Toluene-d8	10.083	98	3053176	52.433	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.860%
61) 4-Bromofluorobenzene	12.705	95	831364	50.318	ug/l	0.01
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.640%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.830	85	285262m	18.878	ug/l	
3) Chloromethane	1.824	50	35778m	19.901	ug/l	
4) Vinyl Chloride	2.128	62	499886	20.105	ug/l	95
5) Bromomethane	2.459	94	230090	30.143	ug/l	100
6) Chloroethane	2.594	64	316378	20.793	ug/l	98
7) Trichlorofluoromethane	2.879	101	1051141	21.809	ug/l	97
8) Diethyl Ether	3.242	74	289776	18.795	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.556	101	382665	19.869	ug/l	98
10) Methyl Iodide	3.723	142	392546	19.178	ug/l #	94
11) Tert butyl alcohol	4.503	59	252297	81.726	ug/l	99
12) 1,1-Dichloroethene	3.531	96	407014	19.474	ug/l	94
13) Acrolein	3.418	56	124629	61.693	ug/l	95
14) Allyl chloride	4.060	41	759965	19.731	ug/l	98
15) Acrylonitrile	4.673	53	1266447	95.921	ug/l	98
16) Acetone	3.614	43	872804	82.112	ug/l	97
17) Carbon Disulfide	3.816	76	967307	19.057	ug/l	99
18) Methyl Acetate	4.073	43	614783	19.854	ug/l	97
19) Methyl tert-butyl Ether	4.731	73	1321921	19.942	ug/l	99
20) Methylene Chloride	4.259	84	449472	19.824	ug/l	95
21) trans-1,2-Dichloroethene	4.708	96	433763	19.850	ug/l	93
22) Diisopropyl ether	5.629	45	1677658	21.172	ug/l	99
23) Vinyl Acetate	5.556	43	6443788	108.364	ug/l #	74
24) 1,1-Dichloroethane	5.495	63	775394	19.885	ug/l	99
25) 2-Butanone	6.509	43	1547616	93.773	ug/l	92
26) 2,2-Dichloropropane	6.489	77	494131	18.498	ug/l	79
27) cis-1,2-Dichloroethene	6.496	96	496477	20.074	ug/l	100
28) Bromochloromethane	6.878	49	202430	17.541	ug/l	98
29) Chloroform	7.070	83	715610	20.426	ug/l	97
30) Cyclohexane	7.385	56	816522	19.857	ug/l	98
31) 1,1,1-Trichloroethane	7.288	97	578437	20.333	ug/l	97
35) 1,1-Dichloropropene	7.532	75	524815	19.402	ug/l	100
36) Ethyl Acetate	6.615	43	634562	18.337	ug/l	97
37) Carbon Tetrachloride	7.510	117	445124	18.287	ug/l	97
38) Methylcyclohexane	8.954	83	677536	20.017	ug/l	97
39) Benzene	7.799	78	1797455	21.645	ug/l #	88
40) Methacrylonitrile	6.855	41	346747	19.212	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.888	62	444366	19.299	ug/l	99
42) Isopropyl Acetate	7.956	43	969900	19.770	ug/l	97
43) Trichloroethene	8.678	130	352262	19.444	ug/l	92
44) 1,2-Dichloropropane	8.986	63	390070	19.621	ug/l	98
45) Dibromomethane	9.089	93	240236	19.023	ug/l	97
46) Bromodichloromethane	9.307	83	471555	20.060	ug/l	96
47) Methyl methacrylate	9.092	41	442641	18.485	ug/l	99
48) 1,4-Dioxane	9.089	88	109652	356.462	ug/l	99
50) 4-Methyl-2-Pentanone	9.968	43	2824766	102.143	ug/l #	74
51) Toluene	10.157	92	981981	20.708	ug/l	82
52) t-1,3-Dichloropropene	10.411	75	436813	19.619	ug/l	100
53) cis-1,3-Dichloropropene	9.798	75	530902	19.655	ug/l	97
54) 1,1,2-Trichloroethane	10.613	97	330659	19.646	ug/l	98
55) Ethyl methacrylate	10.475	69	579794	20.027	ug/l	97
56) 1,3-Dichloropropane	10.776	76	561538	19.794	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.641	63	98687	78.959	ug/l	99
58) 2-Hexanone	10.834	43	1719429	103.717	ug/l	83
59) Dibromochloromethane	10.995	129	317688	20.067	ug/l	97
60) 1,2-Dibromoethane	11.113	107	296806	19.512	ug/l	98
63) Tetrachloroethene	10.696	164	294898	19.709	ug/l	94
64) Chlorobenzene	11.604	112	997145	21.041	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.688	131	303542	19.077	ug/l	99
66) Ethyl Benzene	11.694	91	1808996	22.831	ug/l #	77
67) m/p-Xylenes	11.819	106	1401406	42.267	ug/l #	68
68) o-Xylene	12.188	106	679085	20.213	ug/l	91
69) Styrene	12.208	104	1038079	20.998	ug/l	91
70) Bromoform	12.391	173	170919	19.921	ug/l #	97
72) Isopropylbenzene	12.532	105	1665555	21.953	ug/l	91
73) N-amyl acetate	12.330	43	475353	17.354	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.817	83	425944	19.612	ug/l	100
75) 1,2,3-Trichloropropane	12.875	75	326272m	18.937	ug/l	
76) Bromobenzene	12.843	156	322757	19.435	ug/l	91
77) n-propylbenzene	12.920	91	1808477	22.234	ug/l	90
78) 2-Chlorotoluene	13.016	91	972748	20.251	ug/l	99
79) 1,3,5-Trimethylbenzene	13.077	105	1206620	21.298	ug/l	95
80) trans-1,4-Dichloro-2-b...	12.586	75	98567	17.981	ug/l	95
81) 4-Chlorotoluene	13.125	91	875847	19.900	ug/l	100
82) tert-Butylbenzene	13.376	119	1112438	21.002	ug/l	91
83) 1,2,4-Trimethylbenzene	13.427	105	1083663	20.977	ug/l	96
84) sec-Butylbenzene	13.578	105	1485417	21.803	ug/l	95
85) p-Isopropyltoluene	13.709	119	1144202	21.613	ug/l	94
86) 1,3-Dichlorobenzene	13.703	146	488661	19.813	ug/l	98
87) 1,4-Dichlorobenzene	13.793	146	482444	20.304	ug/l	100
88) n-Butylbenzene	14.078	91	748579	19.790	ug/l	98
89) Hexachloroethane	14.377	117	182576	21.262	ug/l	98
90) 1,2-Dichlorobenzene	14.120	146	399742	19.300	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.813	75	36039	20.026	ug/l	94
92) 1,2,4-Trichlorobenzene	15.587	180	255747	18.794	ug/l	99
93) Hexachlorobutadiene	15.709	225	85270	19.011	ug/l	99
94) Naphthalene	15.866	128	668771	17.187	ug/l	100
95) 1,2,3-Trichlorobenzene	15.587	180	255747	19.368	ug/l	99

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

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

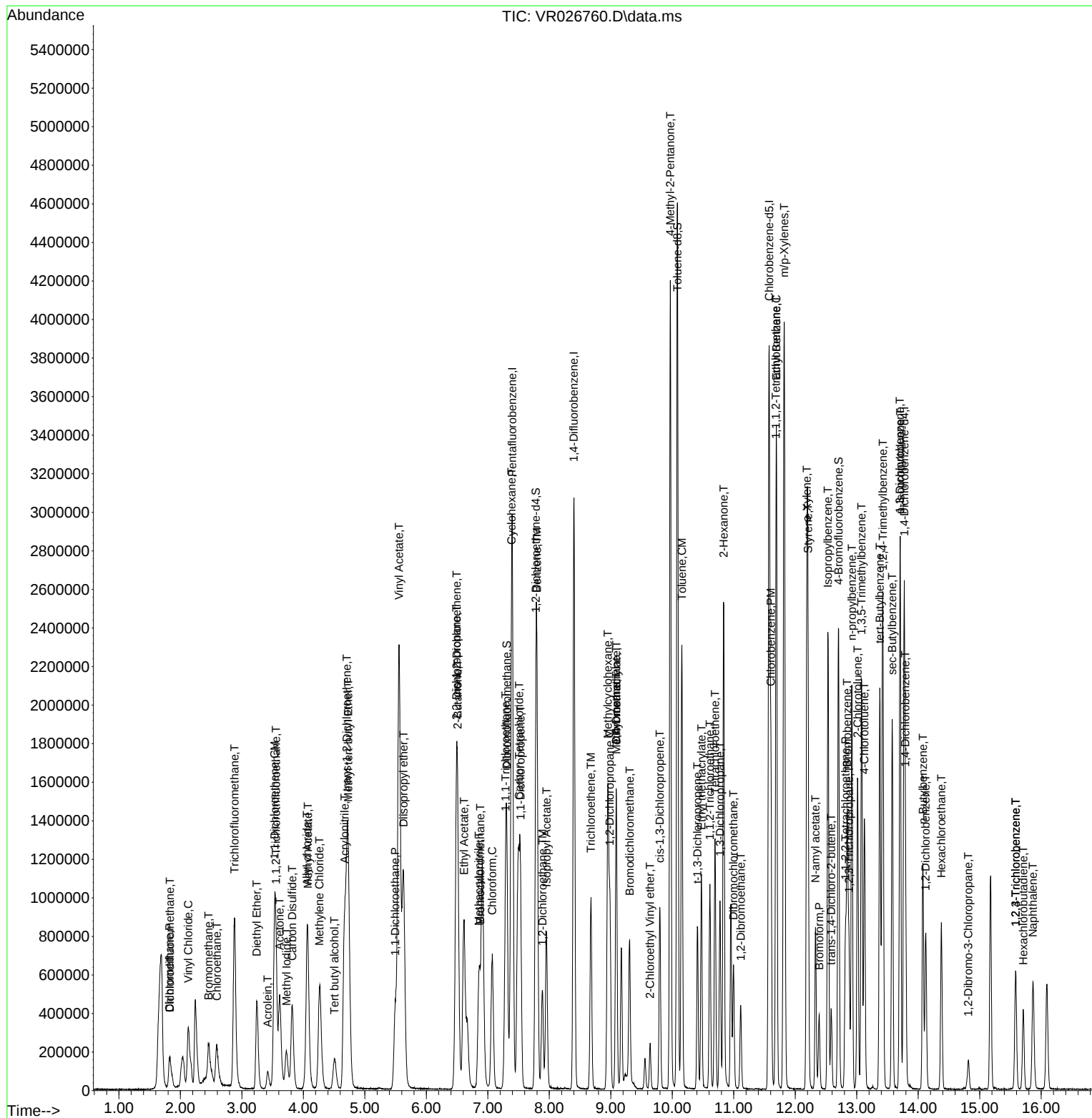
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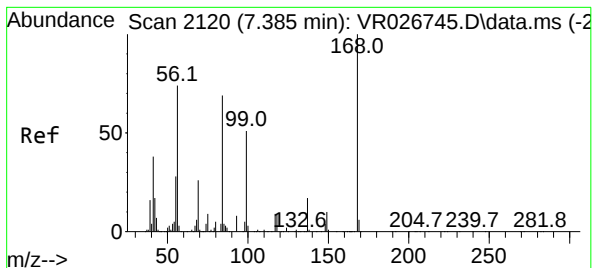
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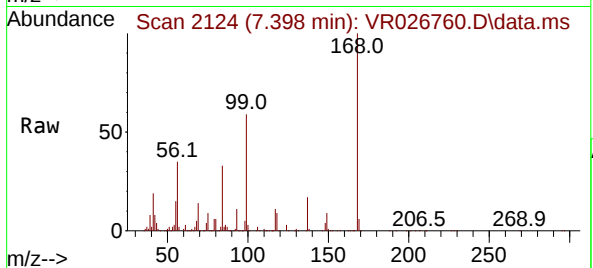
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.398 min Scan# 2124
Delta R.T. 0.013 min
Lab File: VR026760.D
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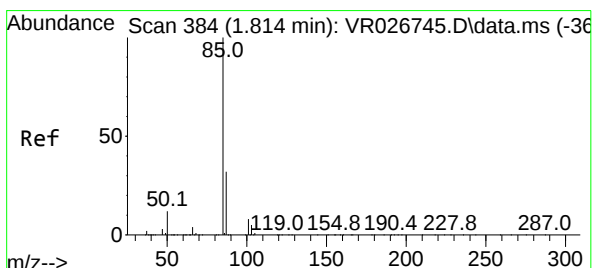
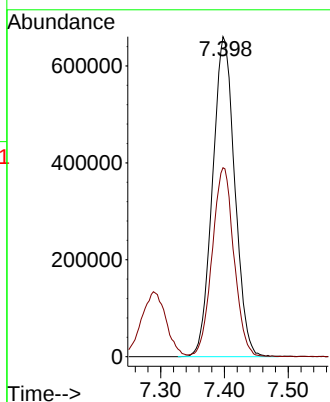
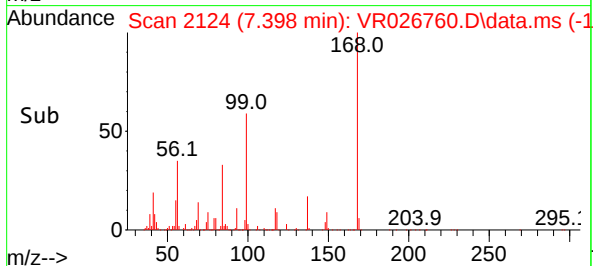
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Tgt Ion:168 Resp: 159904
Ion Ratio Lower Upper
168 100
99 59.0 47.1 70.7

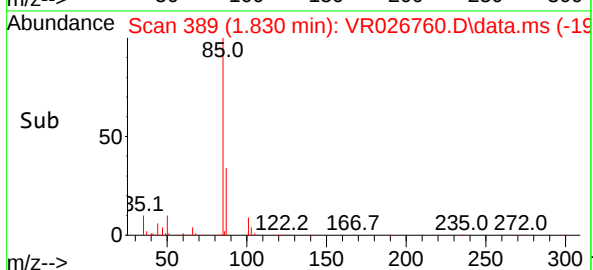
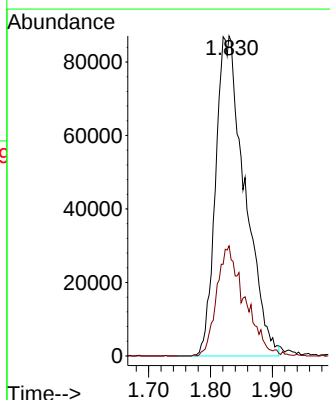
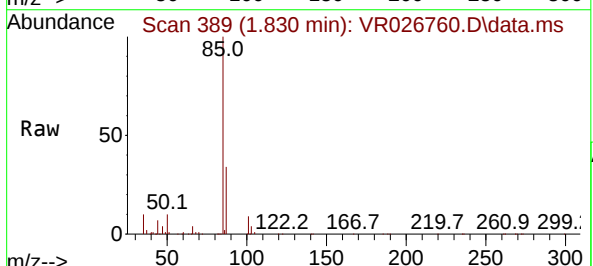
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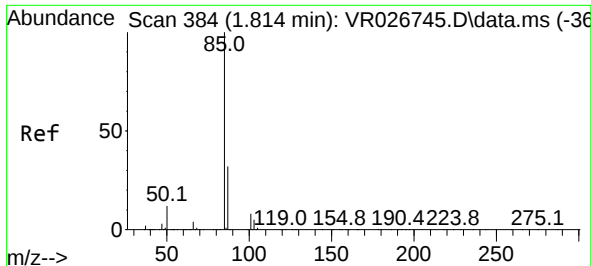
Reviewed By :Mahesh Dadoda 08/26/2025
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#2
Dichlorodifluoromethane
Concen: 18.878 ug/l m
RT: 1.830 min Scan# 389
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

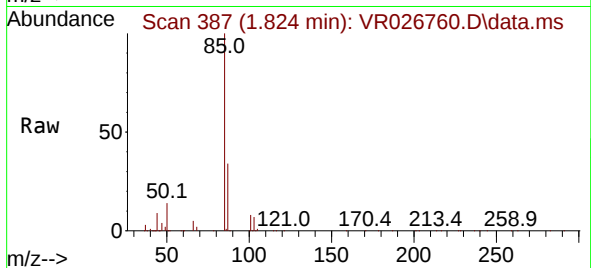
Tgt Ion: 85 Resp: 285262
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.2





#3
Chloromethane
Concen: 19.901 ug/l m
RT: 1.824 min Scan# 3
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

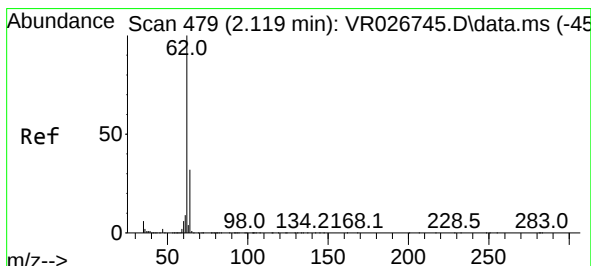
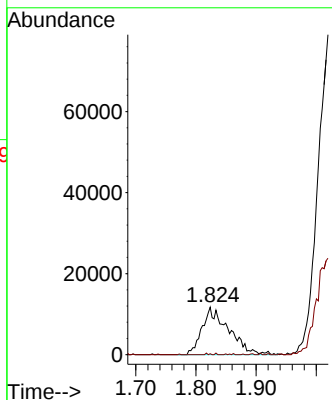
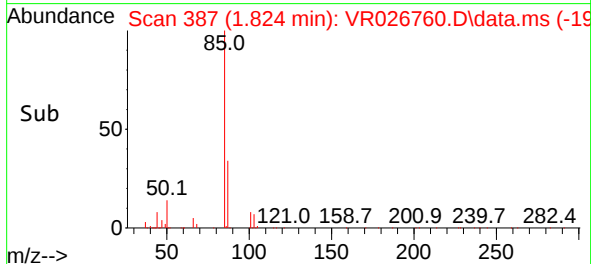
Instrument :
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Tgt Ion: 50 Resp: 35778
Ion Ratio Lower Upper
50 100
52 2.0 0.6 1.0

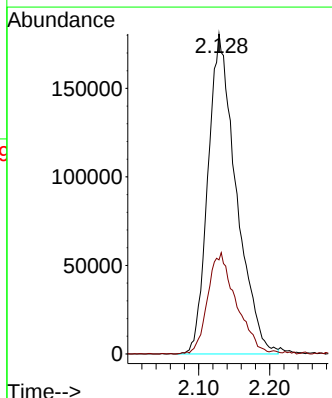
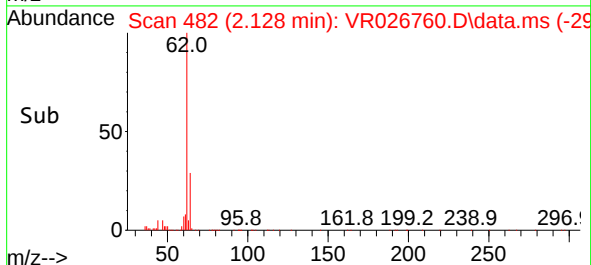
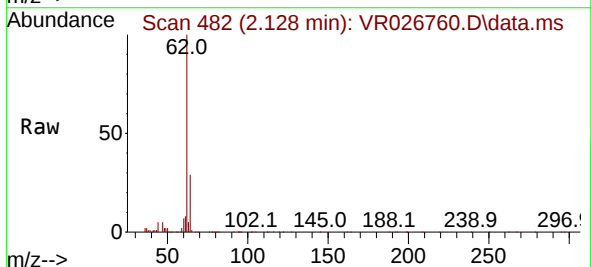
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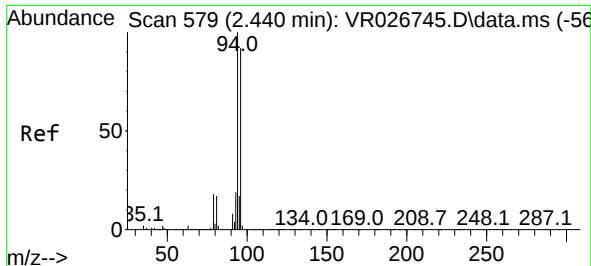
Reviewed By :Mahesh Dadoda 08/26/2025
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#4
Vinyl Chloride
Concen: 20.105 ug/l
RT: 2.128 min Scan# 482
Delta R.T. 0.009 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

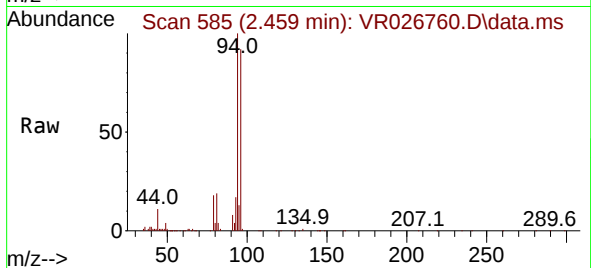
Tgt Ion: 62 Resp: 499886
Ion Ratio Lower Upper
62 100
64 29.3 25.5 38.3





#5
Bromomethane
Concen: 30.143 ug/l
RT: 2.459 min Scan# 51
Delta R.T. 0.019 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

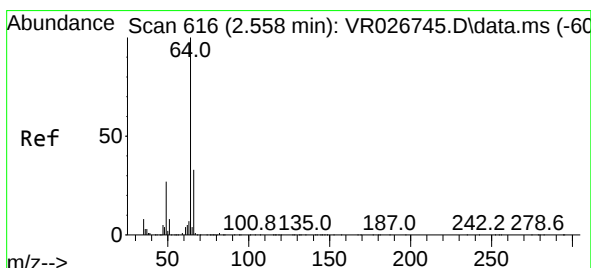
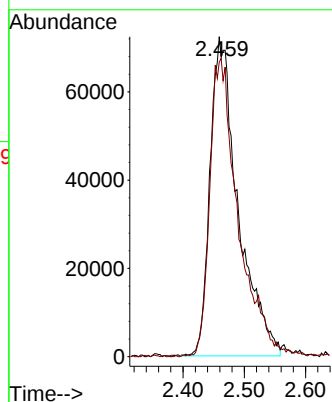
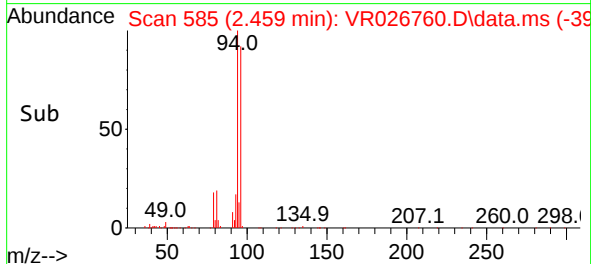
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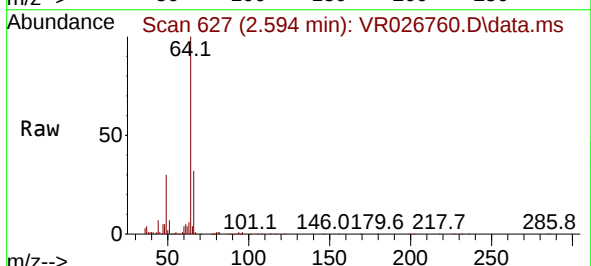
Tgt Ion: 94 Resp: 230090
Ion Ratio Lower Upper
94 100
96 92.3 73.8 110.6

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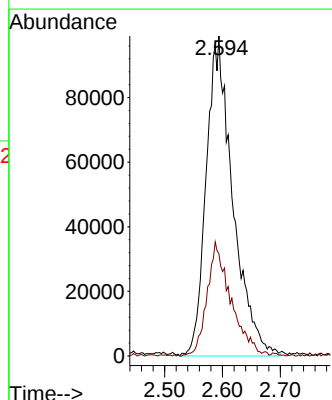
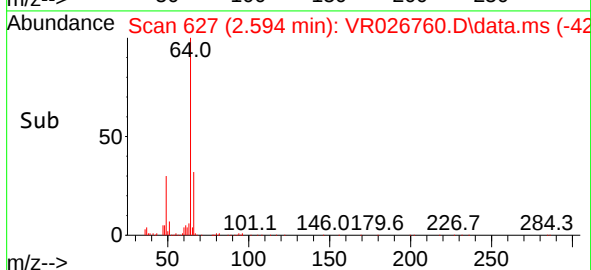
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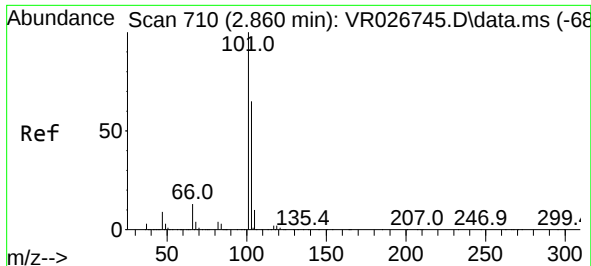


#6
Chloroethane
Concen: 20.793 ug/l
RT: 2.594 min Scan# 627
Delta R.T. 0.036 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



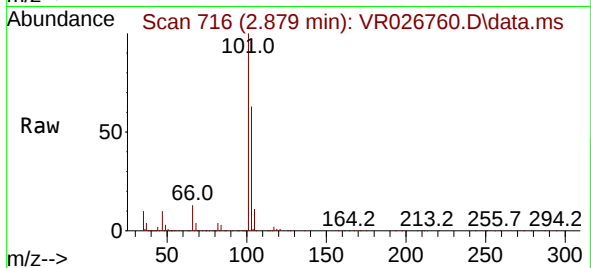
Tgt Ion: 64 Resp: 316378
Ion Ratio Lower Upper
64 100
66 32.0 26.6 40.0





#7
Trichlorofluoromethane
Concen: 21.809 ug/l
RT: 2.879 min Scan# 710
Delta R.T. 0.019 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

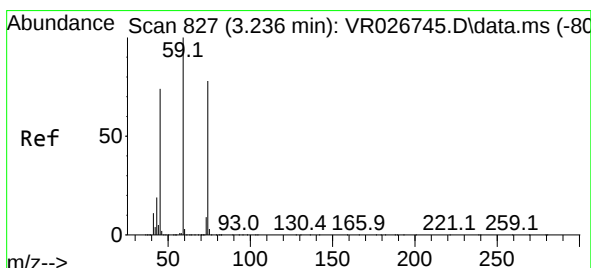
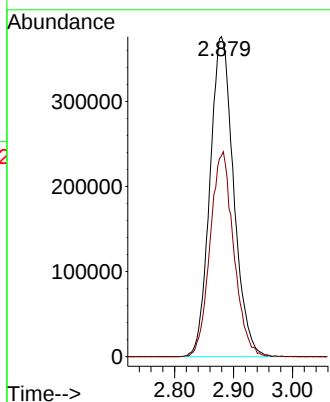
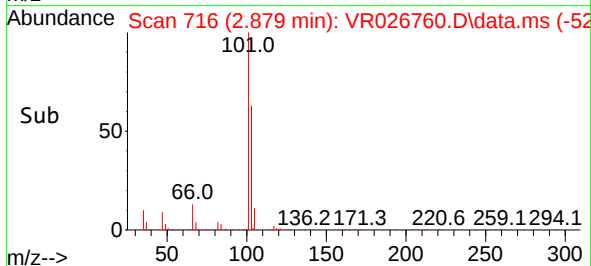
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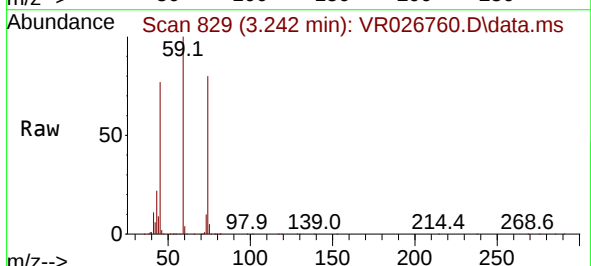
Tgt Ion:101 Resp: 105114
Ion Ratio Lower Upper
101 100
103 62.8 51.8 77.8

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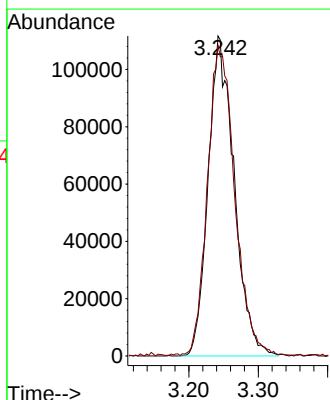
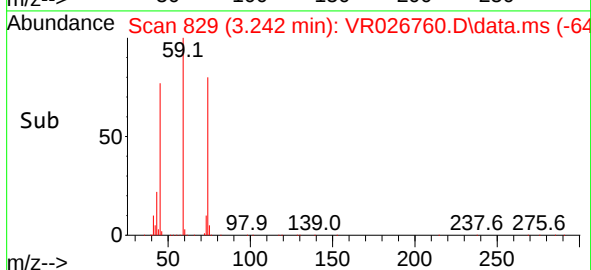
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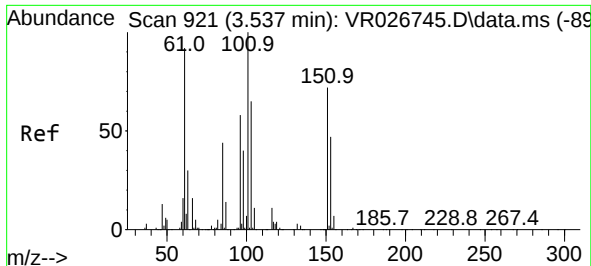


#8
Diethyl Ether
Concen: 18.795 ug/l
RT: 3.242 min Scan# 829
Delta R.T. 0.006 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion: 74 Resp: 289776
Ion Ratio Lower Upper
74 100
45 101.8 47.5 142.6





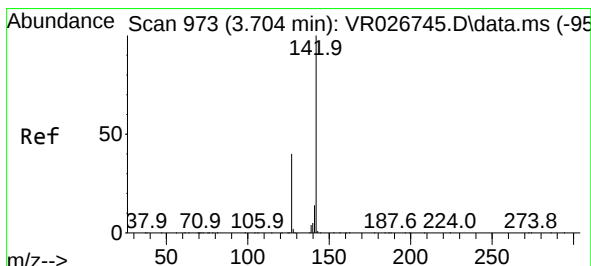
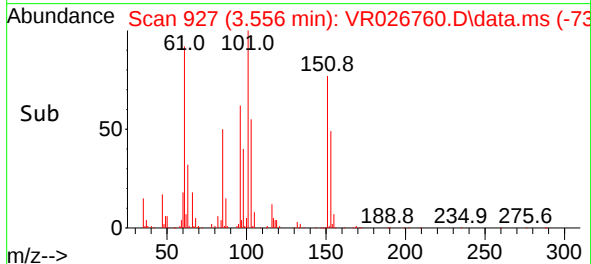
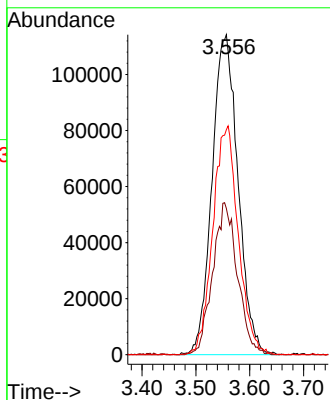
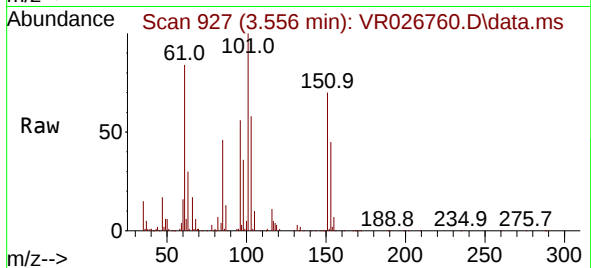
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.869 ug/l
RT: 3.556 min Scan# 911
Delta R.T. 0.019 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01

Tgt Ion:101 Resp: 38266
Ion Ratio Lower Upper
101 100
85 45.1 35.4 53.0
151 70.1 57.2 85.8

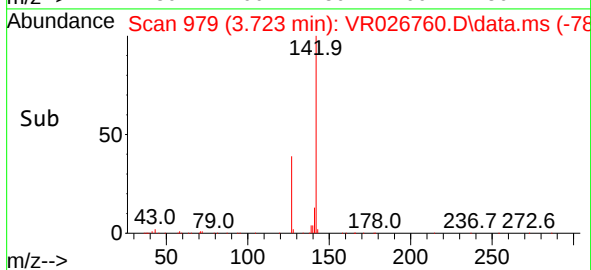
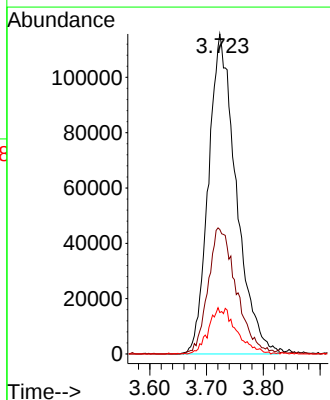
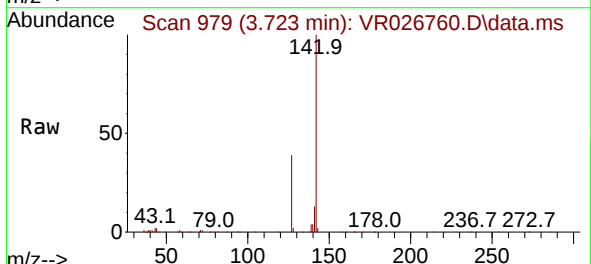
Manual Integrations
APPROVED

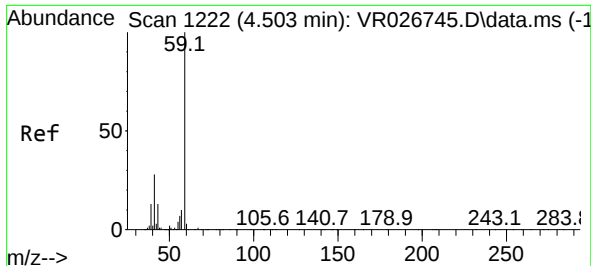
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#10
Methyl Iodide
Concen: 19.178 ug/l
RT: 3.723 min Scan# 979
Delta R.T. 0.019 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

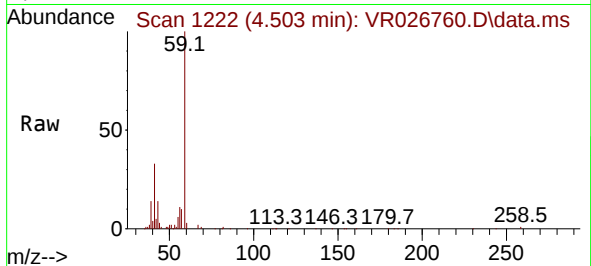
Tgt Ion:142 Resp: 392546
Ion Ratio Lower Upper
142 100
127 40.1 31.0 46.4
141 7.7 10.9 16.3#





#11
Tert butyl alcohol
Concen: 81.726 ug/l
RT: 4.503 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

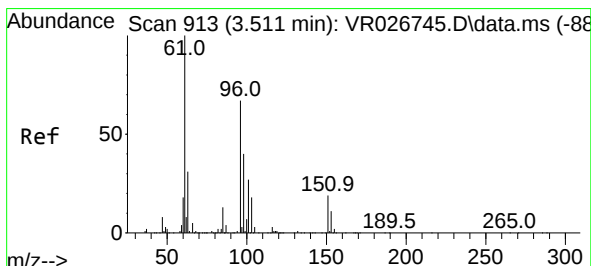
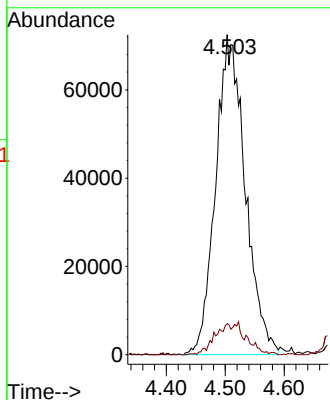
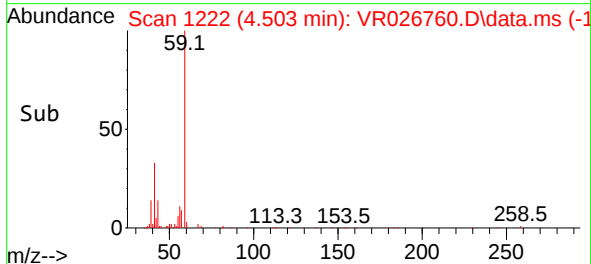
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



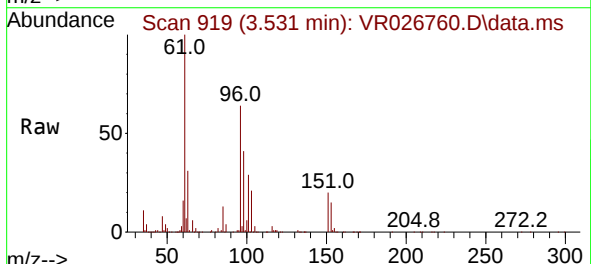
Tgt Ion: 59 Resp: 25229
Ion Ratio Lower Upper
59 100
57 5.0 3.8 5.8

Manual Integrations
APPROVED

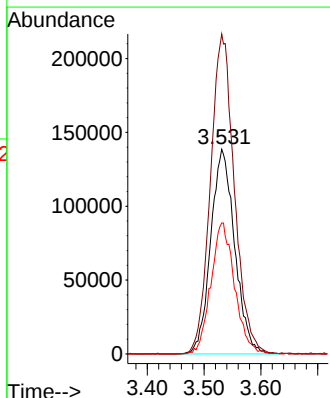
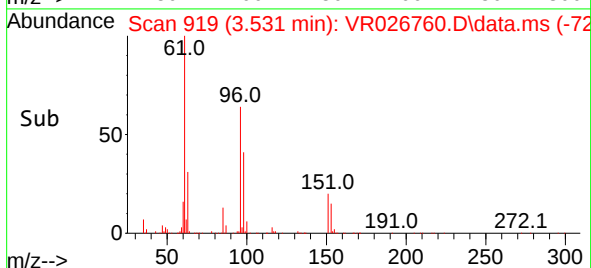
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

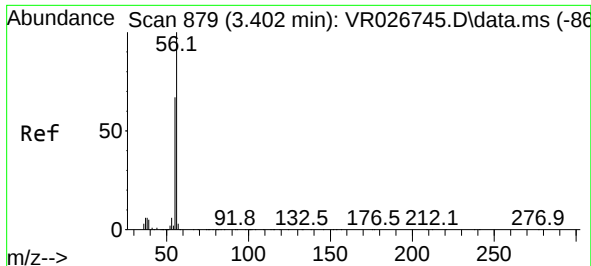


#12
1,1-Dichloroethene
Concen: 19.474 ug/l
RT: 3.531 min Scan# 919
Delta R.T. 0.019 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



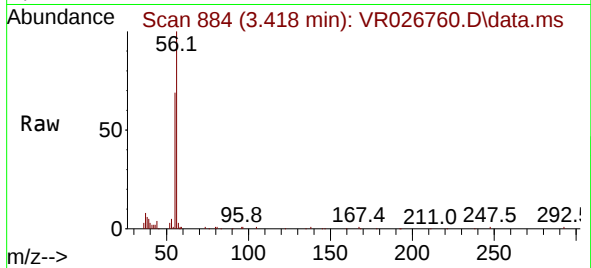
Tgt Ion: 96 Resp: 407014
Ion Ratio Lower Upper
96 100
61 156.1 118.7 178.1
98 64.0 47.7 71.5





#13
Acrolein
Concen: 61.693 ug/l
RT: 3.418 min Scan# 879
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

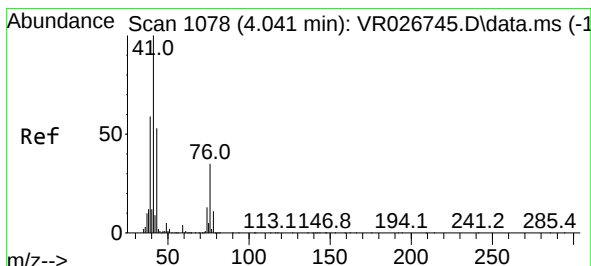
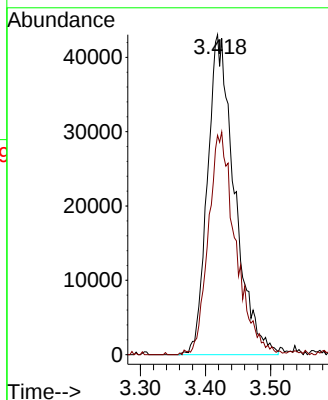
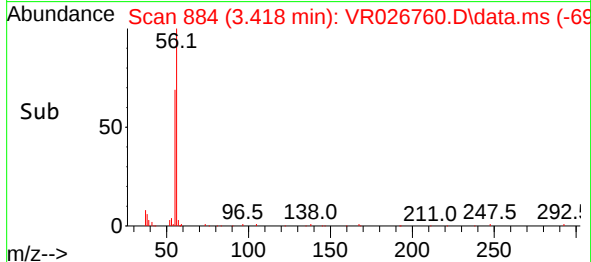
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



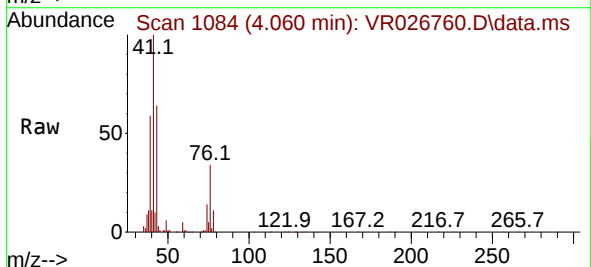
Tgt Ion: 56 Resp: 124629
Ion Ratio Lower Upper
56 100
55 67.2 56.9 85.3

Manual Integrations
APPROVED

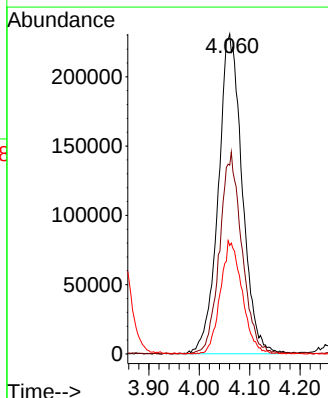
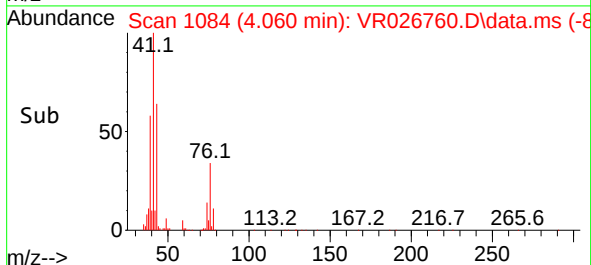
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

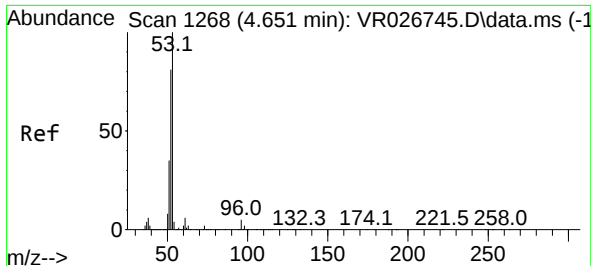


#14
Allyl chloride
Concen: 19.731 ug/l
RT: 4.060 min Scan# 1084
Delta R.T. 0.019 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



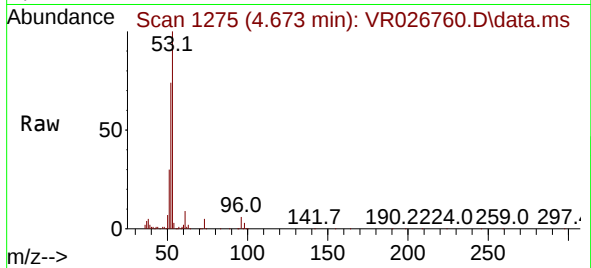
Tgt Ion: 41 Resp: 759965
Ion Ratio Lower Upper
41 100
39 58.8 45.8 68.6
76 32.2 26.4 39.6





#15
Acrylonitrile
Concen: 95.921 ug/l
RT: 4.673 min Scan# 11
Delta R.T. 0.022 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

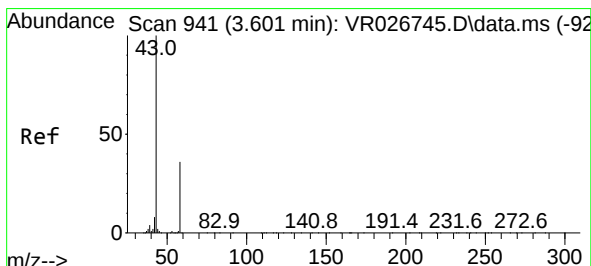
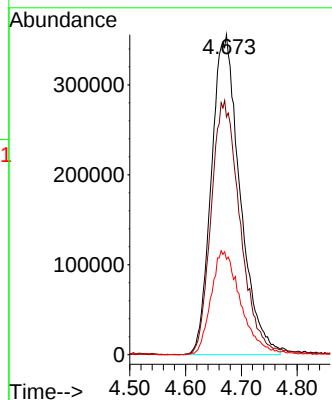
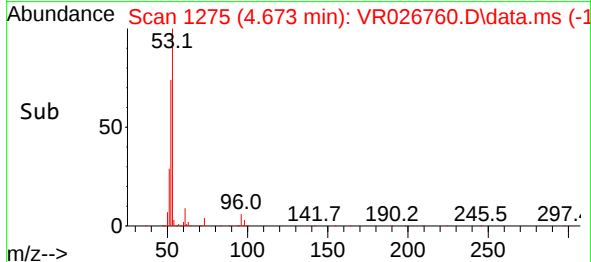
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



Tgt Ion: 53 Resp: 126644
Ion Ratio Lower Upper
53 100
52 80.5 65.7 98.5
51 33.5 28.4 42.6

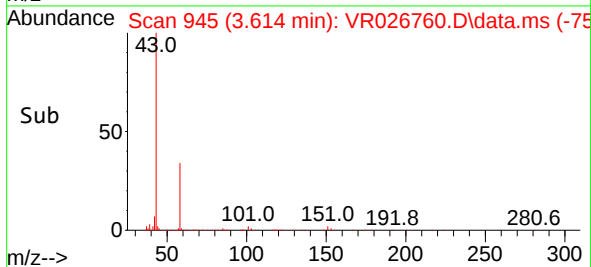
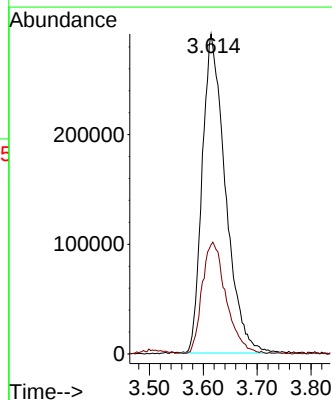
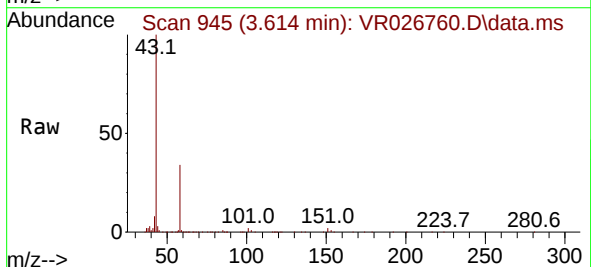
Manual Integrations
APPROVED

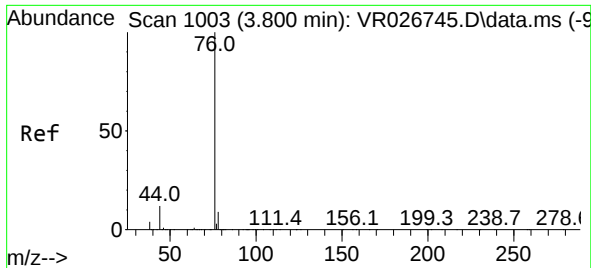
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#16
Acetone
Concen: 82.112 ug/l
RT: 3.614 min Scan# 945
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

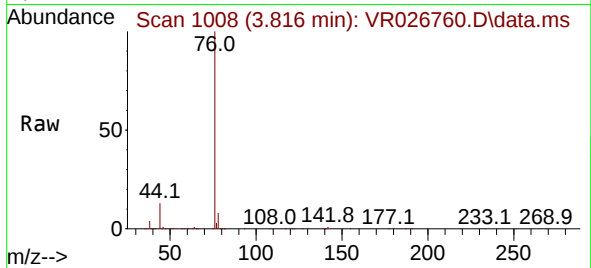
Tgt Ion: 43 Resp: 872804
Ion Ratio Lower Upper
43 100
58 33.9 28.6 43.0





#17
Carbon Disulfide
Concen: 19.057 ug/l
RT: 3.816 min Scan# 1008
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

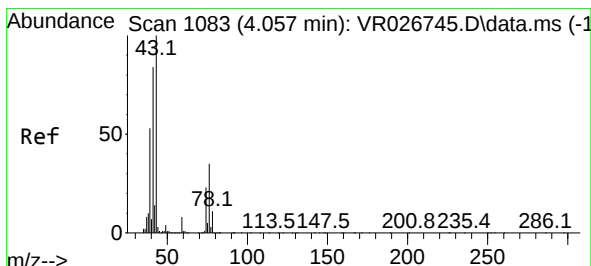
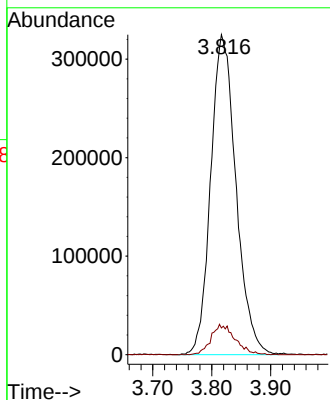
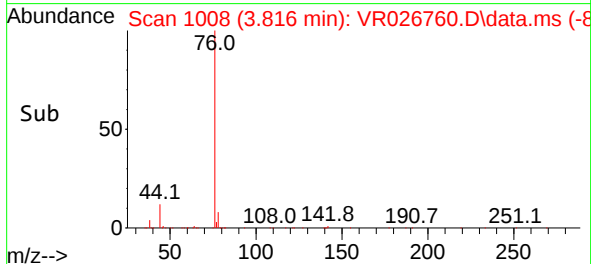
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



Tgt Ion: 76 Resp: 96730
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

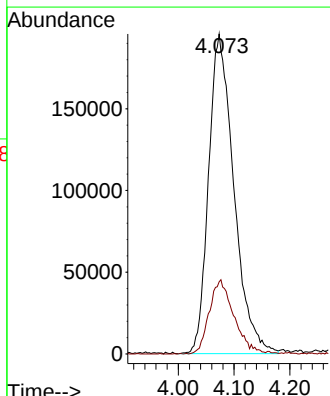
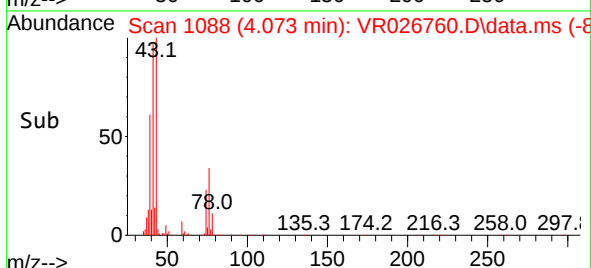
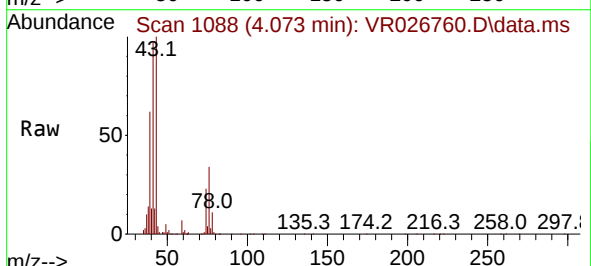
Manual Integrations
APPROVED

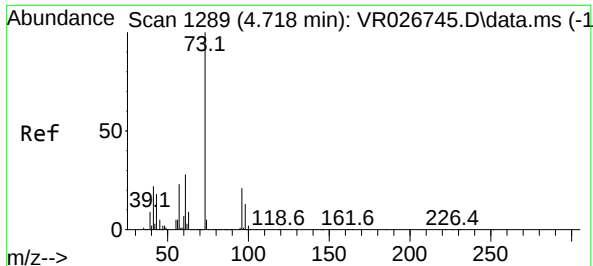
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#18
Methyl Acetate
Concen: 19.854 ug/l
RT: 4.073 min Scan# 1088
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

Tgt Ion: 43 Resp: 614783
Ion Ratio Lower Upper
43 100
74 22.6 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.942 ug/l

RT: 4.731 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

Instrument :

MSVOA_R

ClientSampleId :

VR0825WBS01

Tgt Ion: 73 Resp: 132192

Ion Ratio Lower Upper

73 100

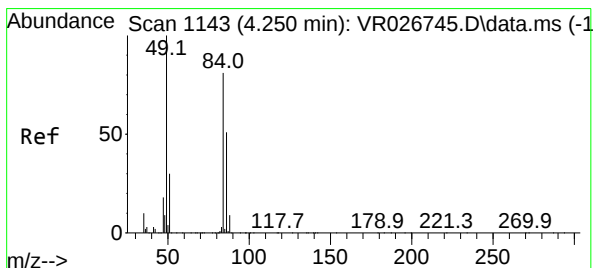
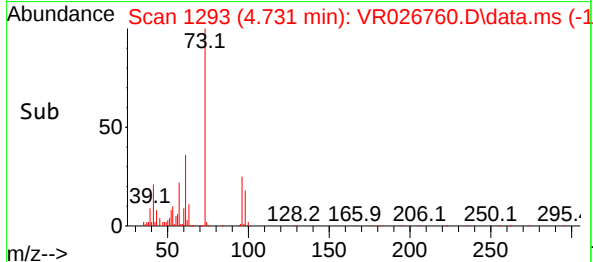
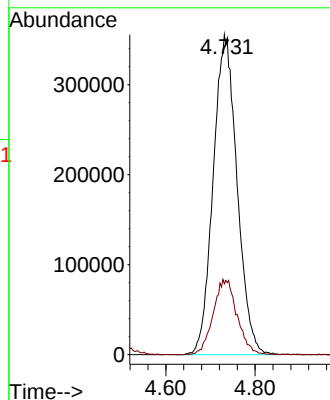
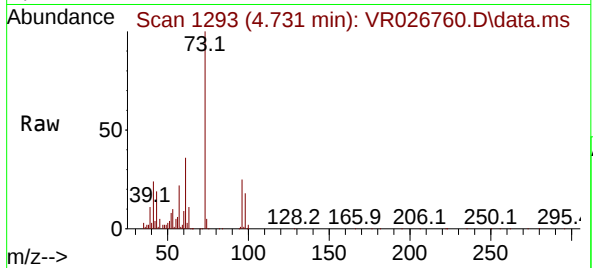
57 22.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#20

Methylene Chloride

Concen: 19.824 ug/l

RT: 4.259 min Scan# 1146

Delta R.T. 0.010 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

Tgt Ion: 84 Resp: 449472

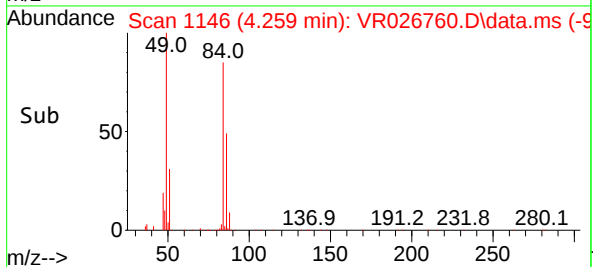
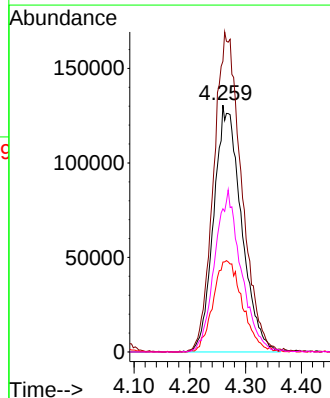
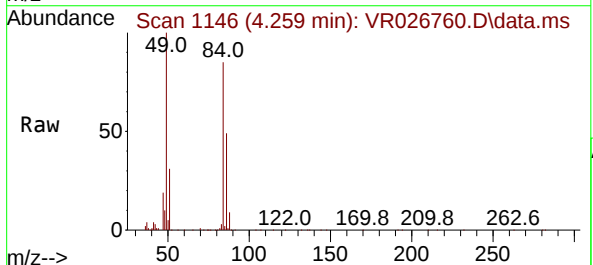
Ion Ratio Lower Upper

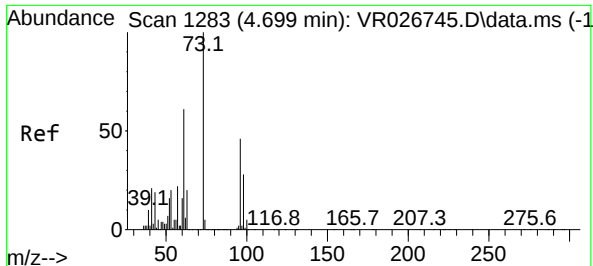
84 100

49 117.4 98.8 148.2

51 36.4 29.4 44.2

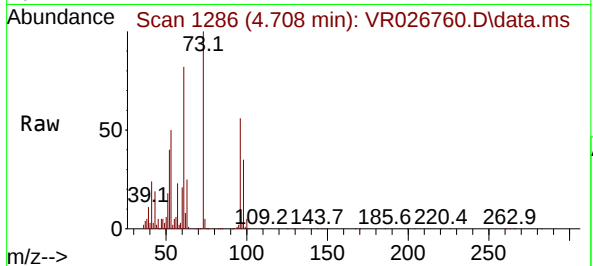
86 58.0 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 19.850 ug/l
RT: 4.708 min Scan# 1573
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

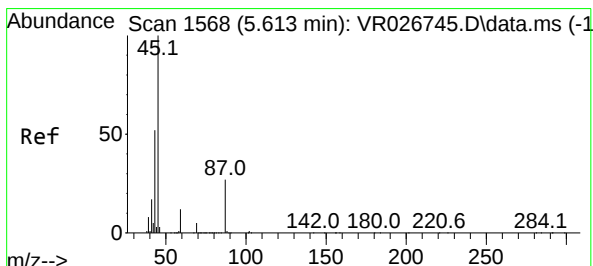
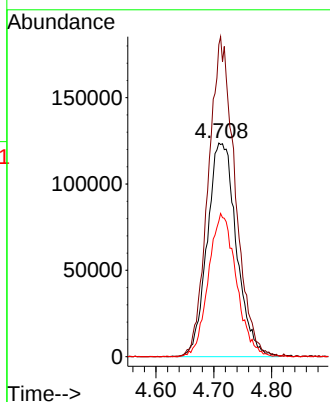
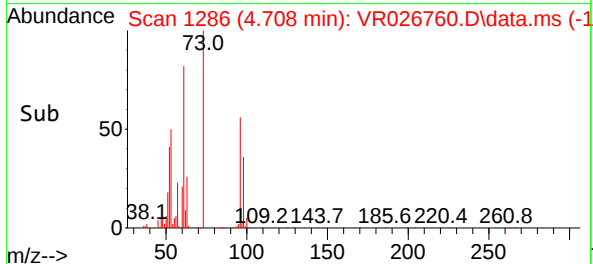
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



Tgt Ion: 96 Resp: 43376
Ion Ratio Lower Upper
96 100
61 145.8 107.1 160.7
98 63.5 49.7 74.5

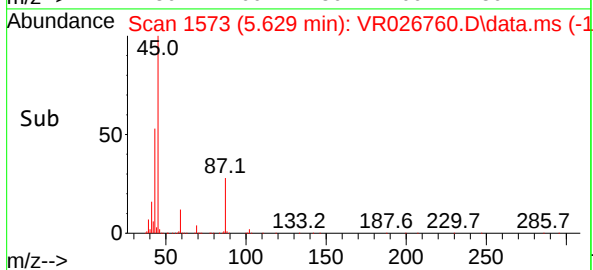
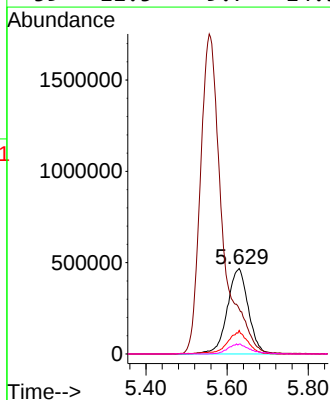
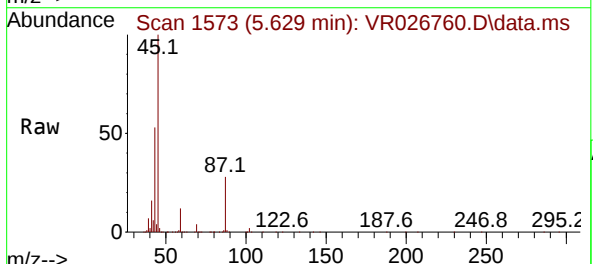
Manual Integrations
APPROVED

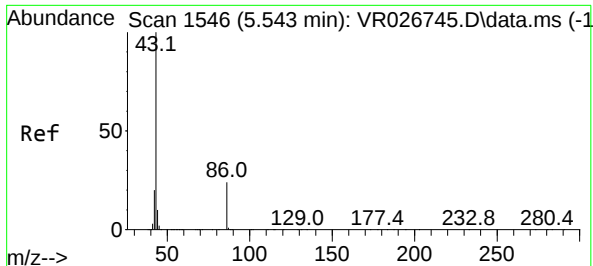
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#22
Diisopropyl ether
Concen: 21.172 ug/l
RT: 5.629 min Scan# 1573
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

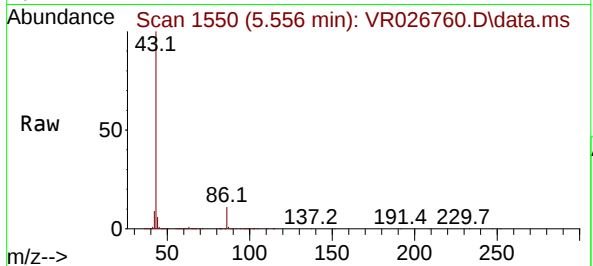
Tgt Ion: 45 Resp: 1677658
Ion Ratio Lower Upper
45 100
43 52.7 41.8 62.8
87 27.5 21.7 32.5
59 11.5 9.7 14.5





#23
 Vinyl Acetate
 Concen: 108.364 ug/l
 RT: 5.556 min Scan# 1550
 Delta R.T. 0.013 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16

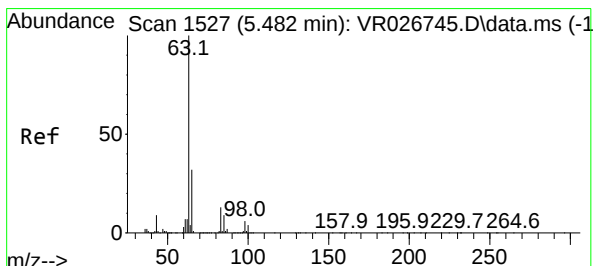
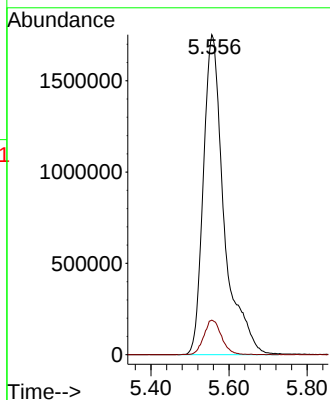
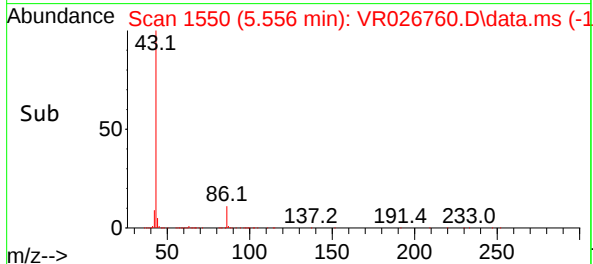
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0825WBS01



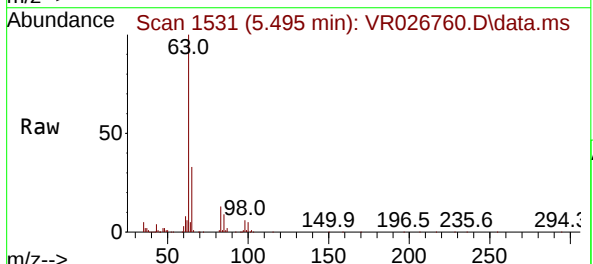
Tgt Ion: 43 Resp: 644378
 Ion Ratio Lower Upper
 43 100
 86 10.8 18.9 28.3

Manual Integrations
 APPROVED

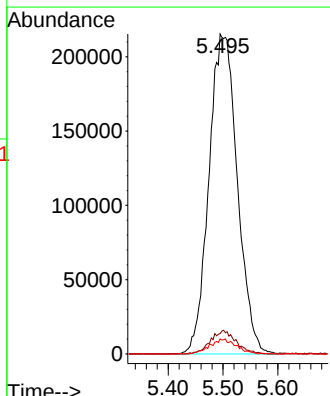
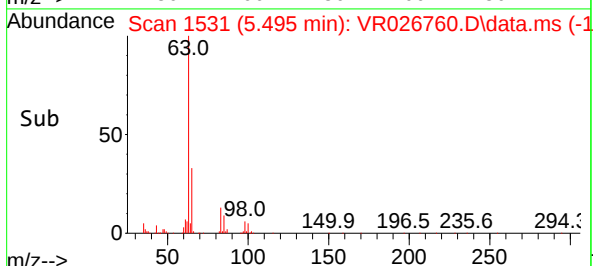
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

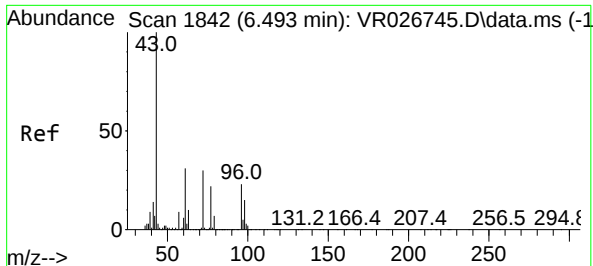


#24
 1,1-Dichloroethane
 Concen: 19.885 ug/l
 RT: 5.495 min Scan# 1531
 Delta R.T. 0.013 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16



Tgt Ion: 63 Resp: 775394
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.3
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 93.773 ug/l

RT: 6.509 min Scan# 1847

Delta R.T. 0.016 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

Instrument :

MSVOA_R

ClientSampleId :

VR0825WBS01

Tgt Ion: 43 Resp: 1547610

Ion Ratio Lower Upper

43 100

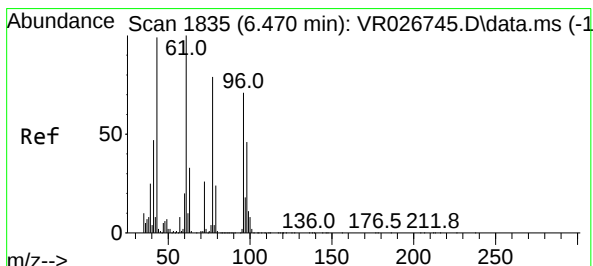
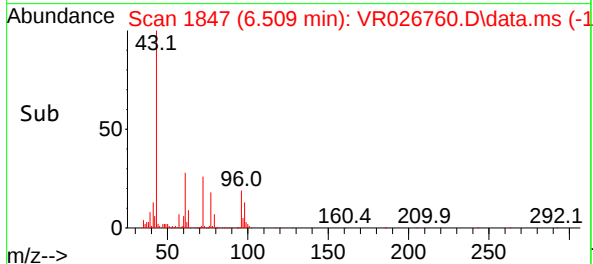
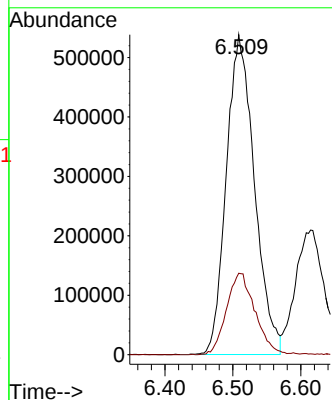
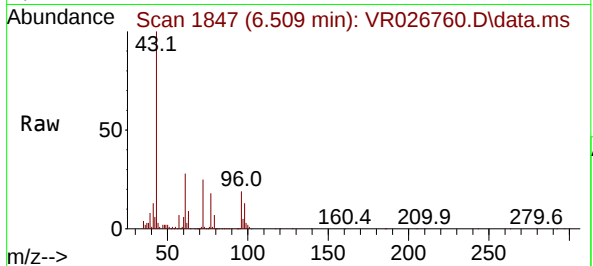
72 25.5 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#26

2,2-Dichloropropane

Concen: 18.498 ug/l

RT: 6.489 min Scan# 1841

Delta R.T. 0.019 min

Lab File: VR026760.D

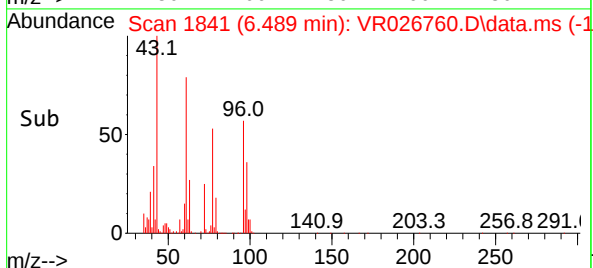
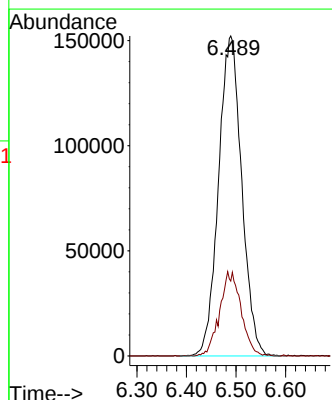
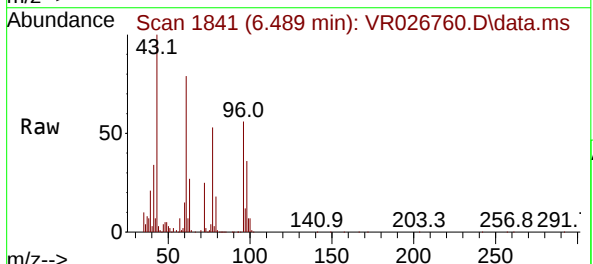
Acq: 25 Aug 2025 14:16

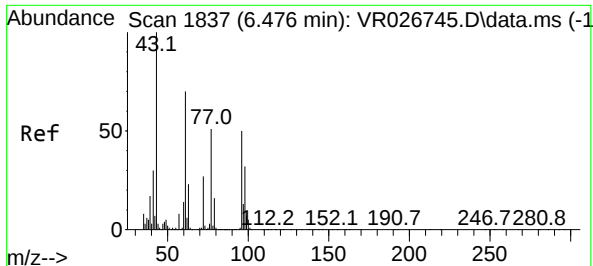
Tgt Ion: 77 Resp: 494131

Ion Ratio Lower Upper

77 100

97 13.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 20.074 ug/l

RT: 6.496 min Scan# 1837

Delta R.T. 0.020 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

Instrument :

MSVOA_R

ClientSampleId :

VR0825WBS01

Tgt Ion: 96 Resp: 49647

Ion Ratio Lower Upper

96 100

61 140.5 0.0 280.6

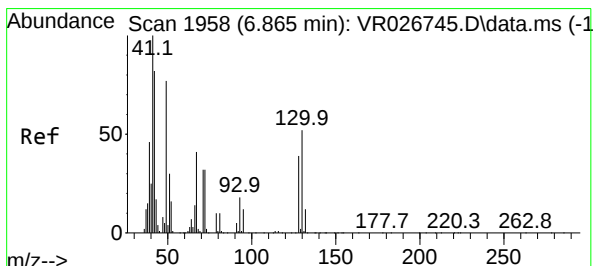
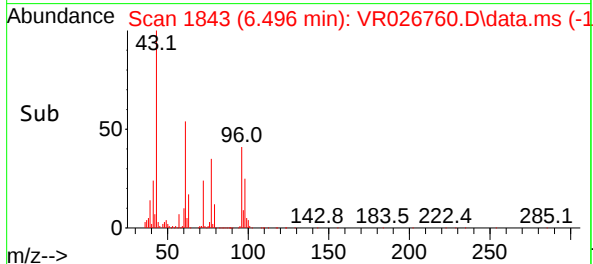
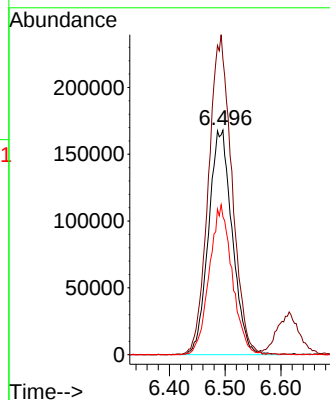
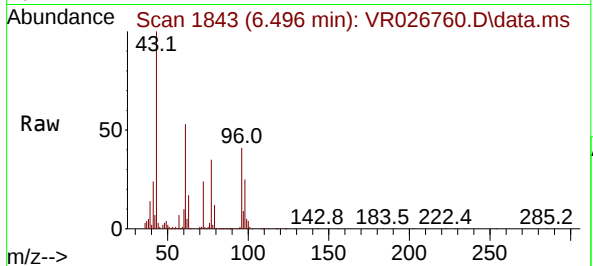
98 64.2 0.0 127.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#28

Bromochloromethane

Concen: 17.541 ug/l

RT: 6.878 min Scan# 1962

Delta R.T. 0.013 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

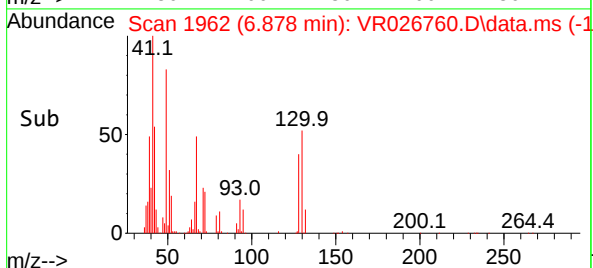
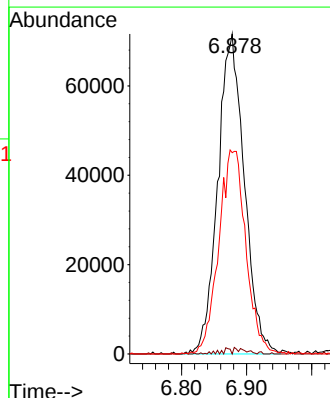
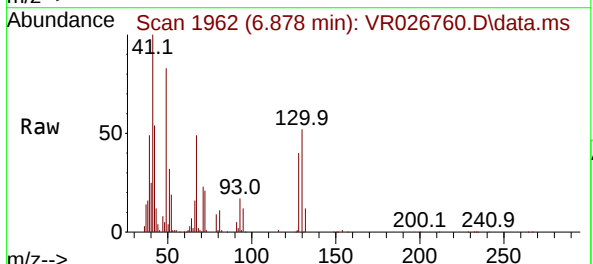
Tgt Ion: 49 Resp: 202430

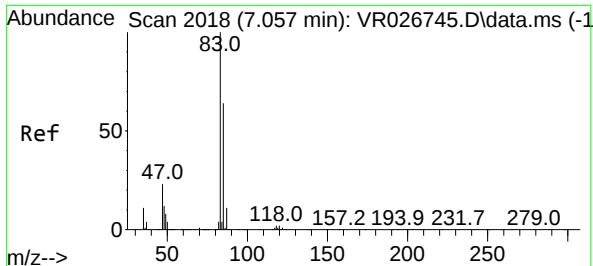
Ion Ratio Lower Upper

49 100

129 0.3 0.0 1.6

130 65.2 53.4 80.2





#29

Chloroform

Concen: 20.426 ug/l

RT: 7.070 min Scan# 2018

Delta R.T. 0.013 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

Instrument :

MSVOA_R

ClientSampleId :

VR0825WBS01

Tgt Ion: 83 Resp: 715610

Ion Ratio Lower Upper

83 100

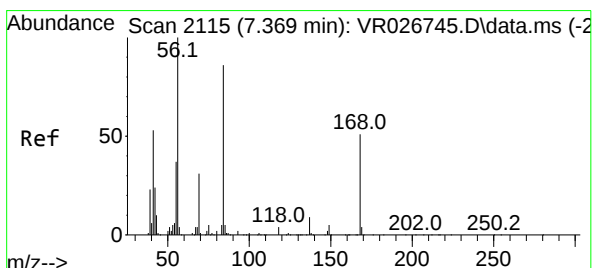
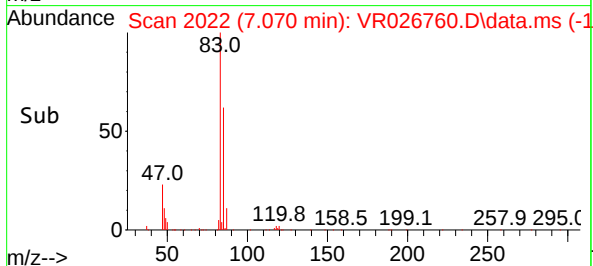
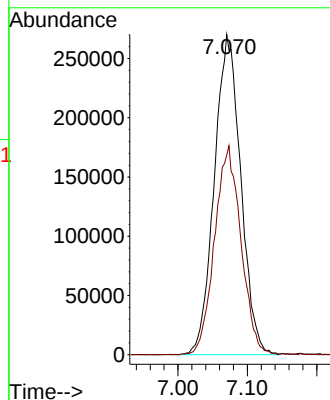
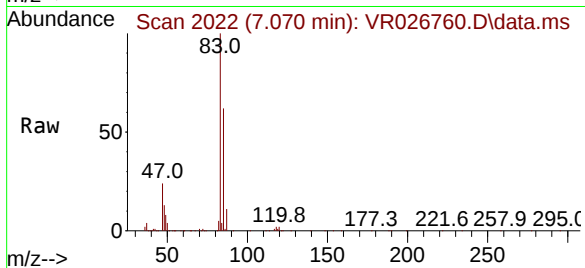
85 62.3 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#30

Cyclohexane

Concen: 19.857 ug/l

RT: 7.385 min Scan# 2120

Delta R.T. 0.016 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

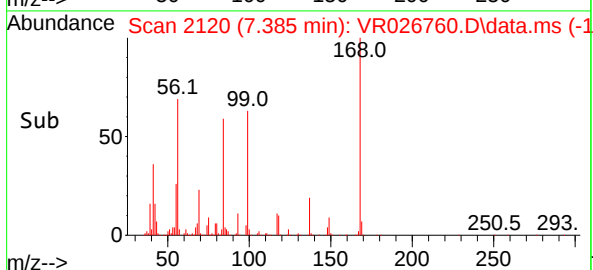
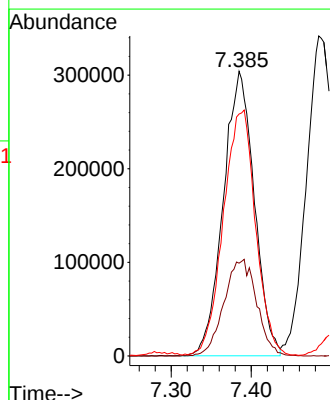
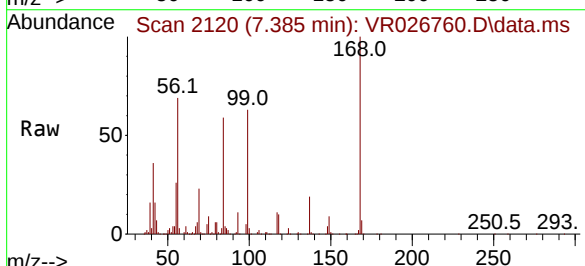
Tgt Ion: 56 Resp: 816522

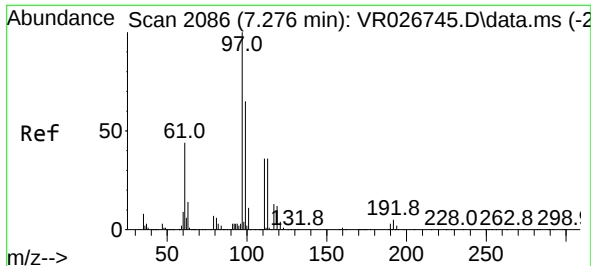
Ion Ratio Lower Upper

56 100

69 32.7 24.6 37.0

84 84.6 68.7 103.1





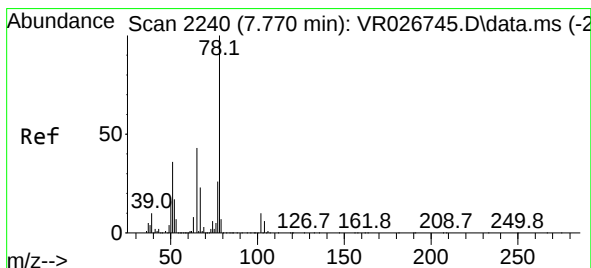
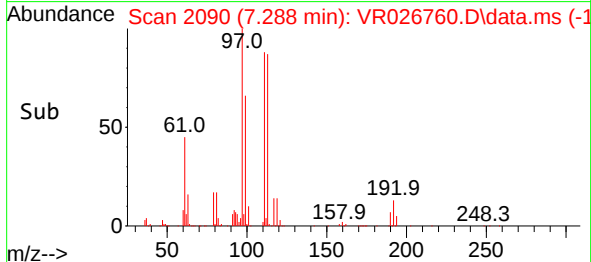
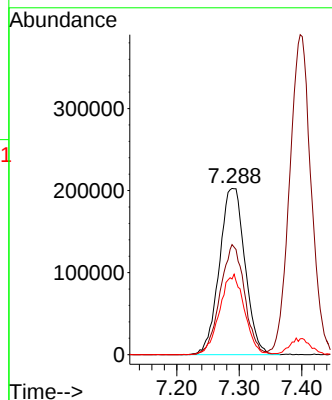
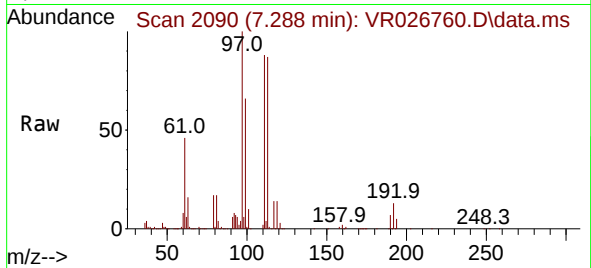
#31
 1,1,1-Trichloroethane
 Concen: 20.333 ug/l
 RT: 7.288 min Scan# 2086
 Delta R.T. 0.013 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0825WBS01

Tgt Ion: 97 Resp: 57843
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.0 76.4
 61 47.0 35.0 52.4

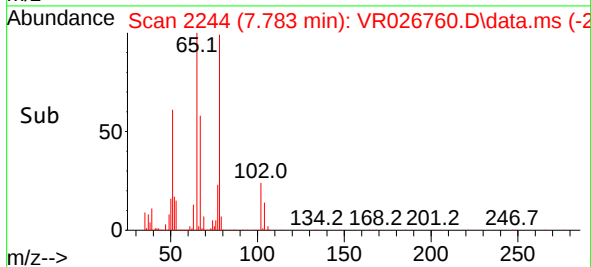
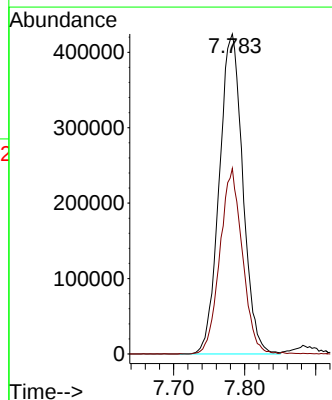
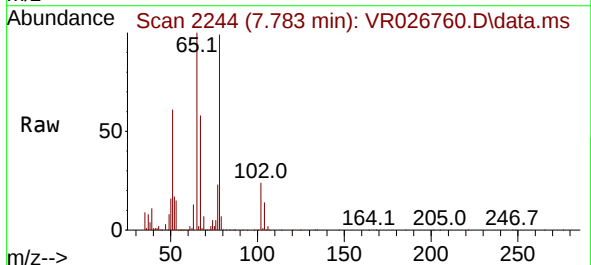
Manual Integrations
 APPROVED

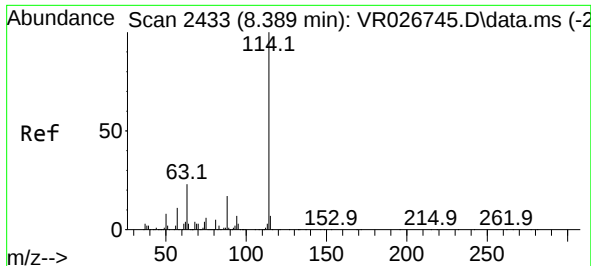
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#32
 1,2-Dichloroethane-d4
 Concen: 48.596 ug/l
 RT: 7.783 min Scan# 2244
 Delta R.T. 0.013 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16

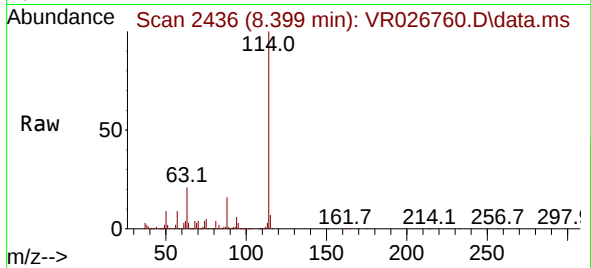
Tgt Ion: 65 Resp: 975865
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.4





#33
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.399 min Scan# 2433
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

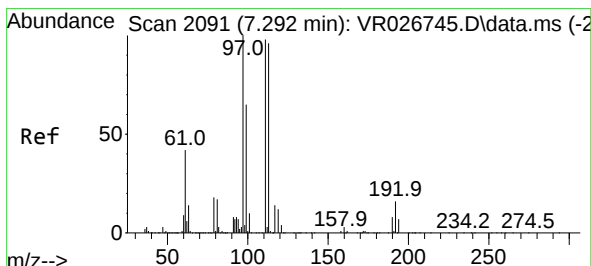
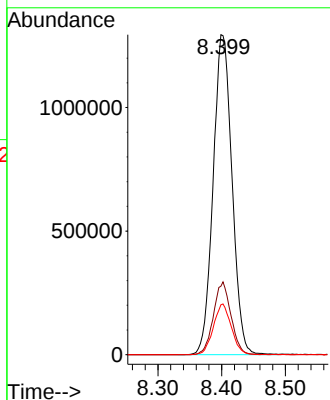
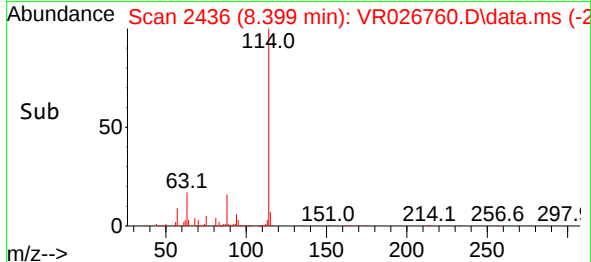
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



Tgt Ion:114 Resp: 2663198
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.8
88 15.6 0.0 34.8

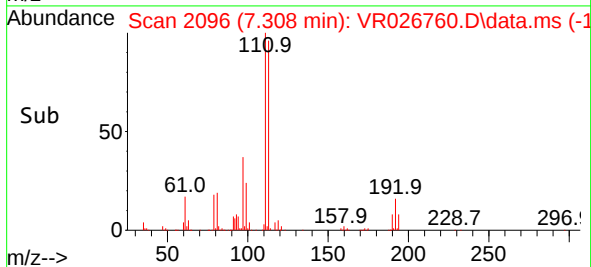
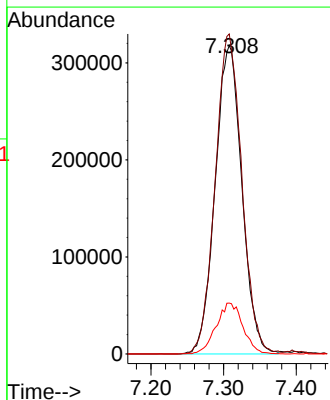
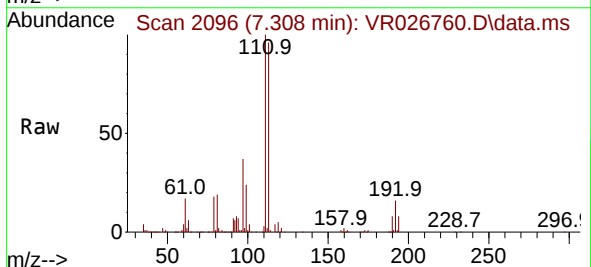
Manual Integrations
APPROVED

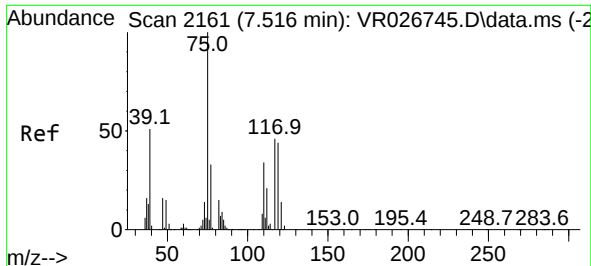
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#34
Dibromofluoromethane
Concen: 46.689 ug/l
RT: 7.308 min Scan# 2096
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

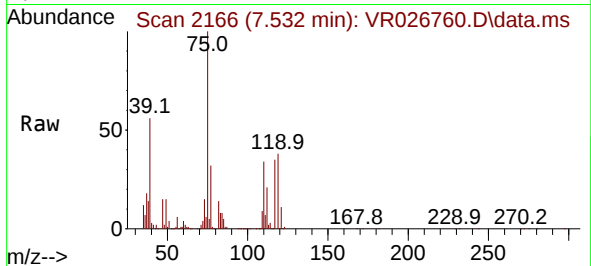
Tgt Ion:113 Resp: 810968
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 16.6 12.9 19.3





#35
 1,1-Dichloropropene
 Concen: 19.402 ug/l
 RT: 7.532 min Scan# 2161
 Delta R.T. 0.016 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16

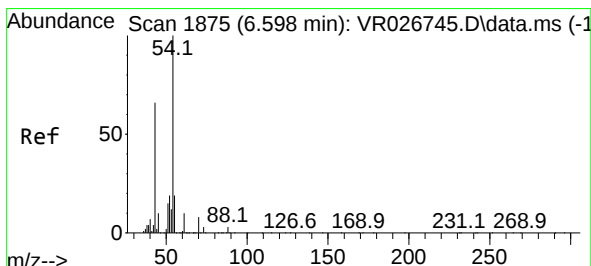
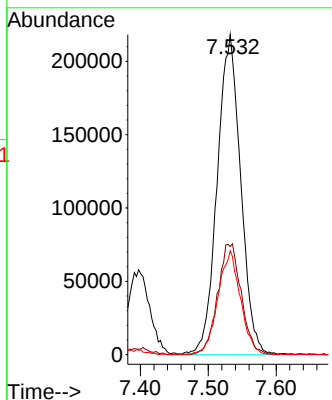
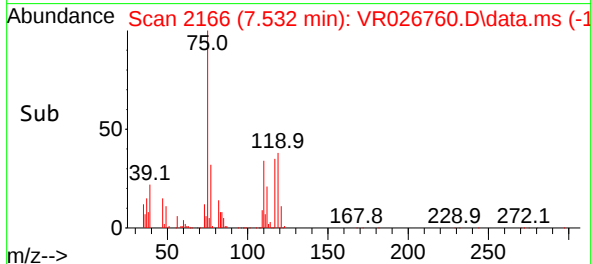
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0825WBS01



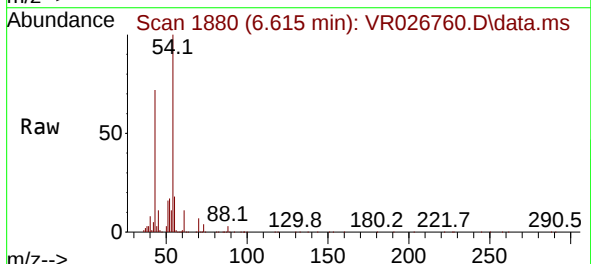
Tgt Ion: 75 Resp: 524815
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.3 52.0
 77 31.3 25.1 37.7

Manual Integrations
 APPROVED

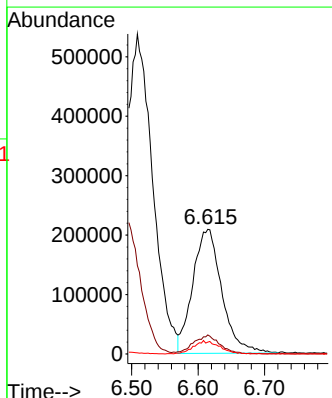
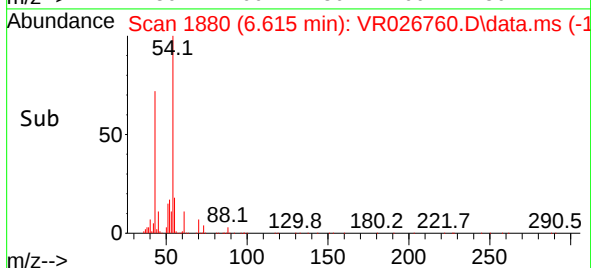
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

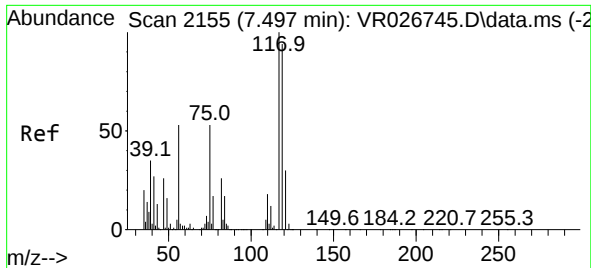


#36
 Ethyl Acetate
 Concen: 18.337 ug/l
 RT: 6.615 min Scan# 1880
 Delta R.T. 0.016 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16



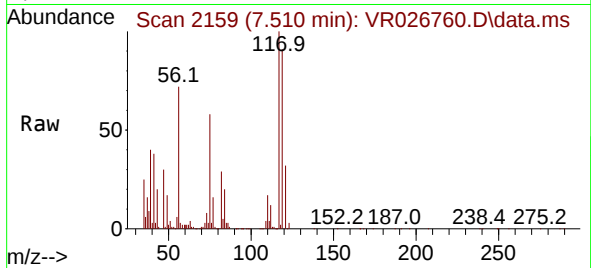
Tgt Ion: 43 Resp: 634562
 Ion Ratio Lower Upper
 43 100
 61 13.2 11.4 17.2
 70 9.5 8.4 12.6





#37
Carbon Tetrachloride
Concen: 18.287 ug/l
RT: 7.510 min Scan# 2155
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

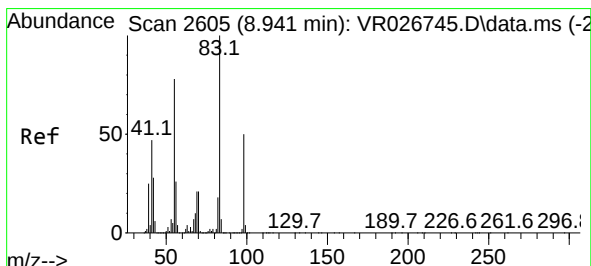
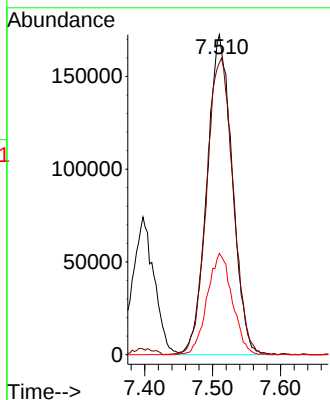
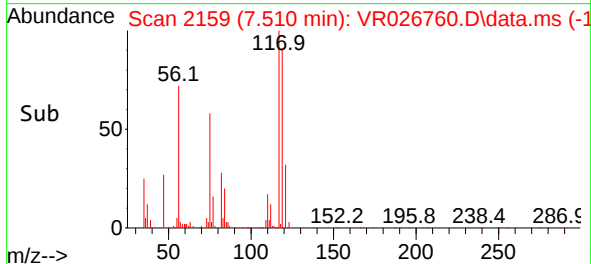
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



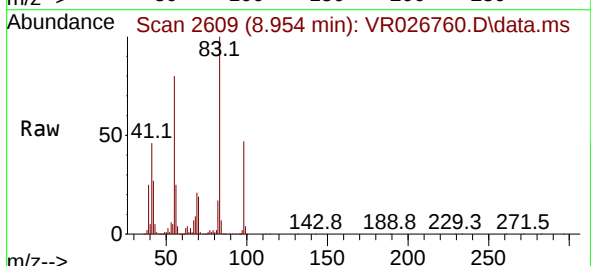
Tgt Ion:117 Resp: 445124
Ion Ratio Lower Upper
117 100
119 91.2 75.1 112.7
121 31.7 24.2 36.2

Manual Integrations
APPROVED

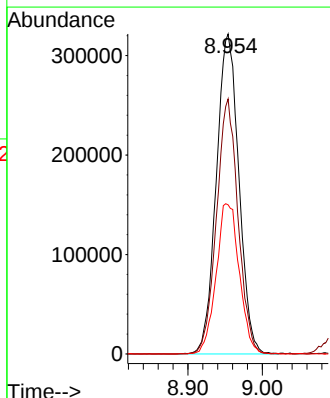
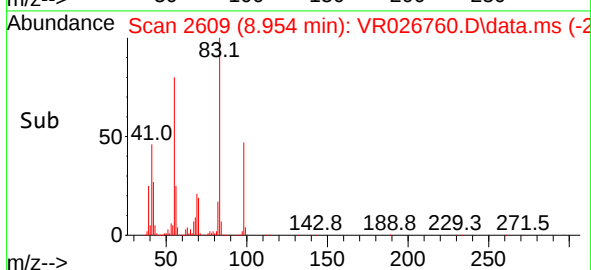
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

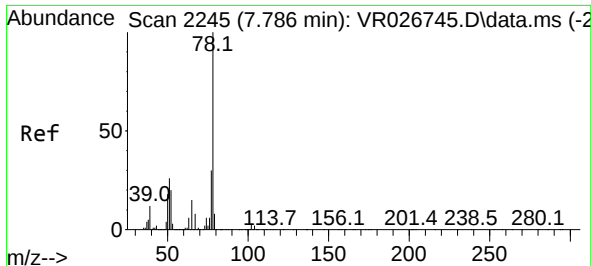


#38
Methylcyclohexane
Concen: 20.017 ug/l
RT: 8.954 min Scan# 2609
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



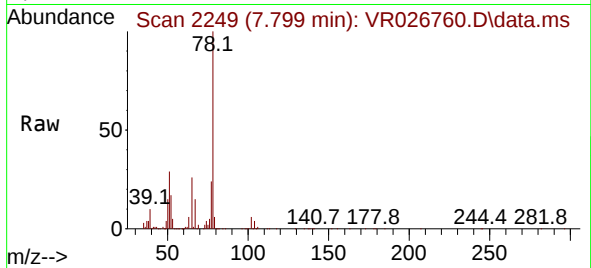
Tgt Ion: 83 Resp: 677536
Ion Ratio Lower Upper
83 100
55 79.7 62.6 94.0
98 46.6 39.9 59.9





#39
Benzene
Concen: 21.645 ug/l
RT: 7.799 min Scan# 21
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

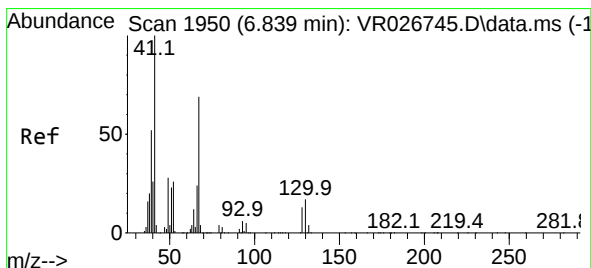
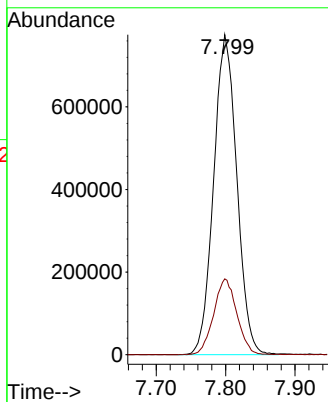
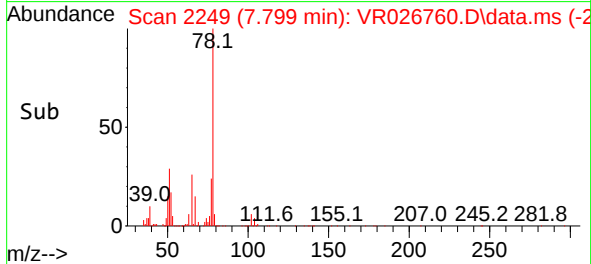
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



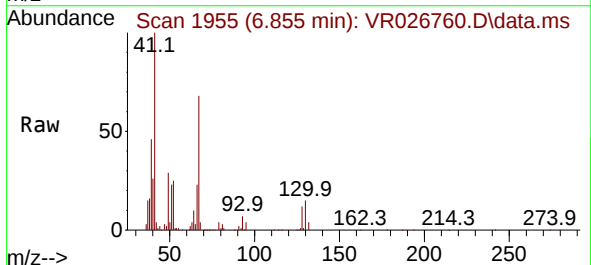
Tgt Ion: 78 Resp: 179745
Ion Ratio Lower Upper
78 100
77 23.7 24.3 36.5

Manual Integrations
APPROVED

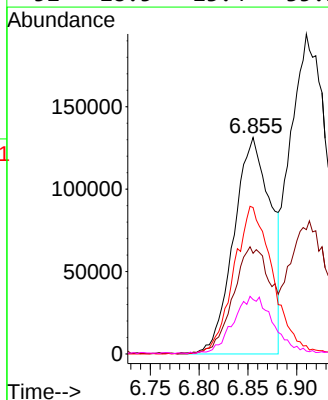
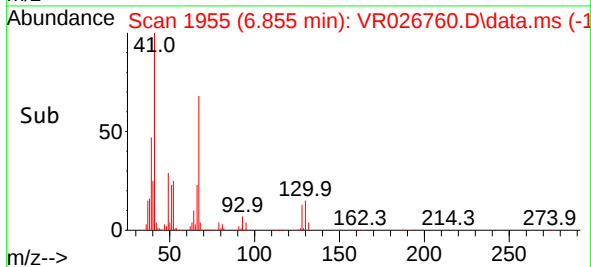
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

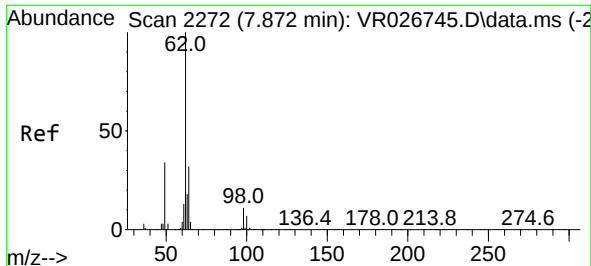


#40
Methacrylonitrile
Concen: 19.212 ug/l
RT: 6.855 min Scan# 1955
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



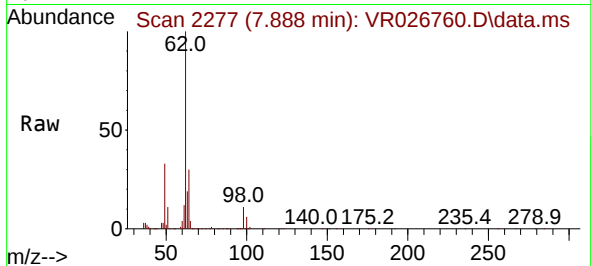
Tgt Ion: 41 Resp: 346747
Ion Ratio Lower Upper
41 100
39 49.8 43.0 64.4
67 72.2 62.6 94.0
52 28.5 23.4 35.2





#41
1,2-Dichloroethane
Concen: 19.299 ug/l
RT: 7.888 min Scan# 21
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

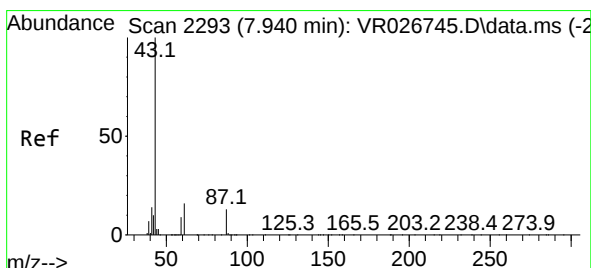
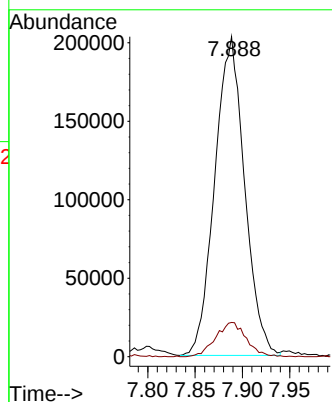
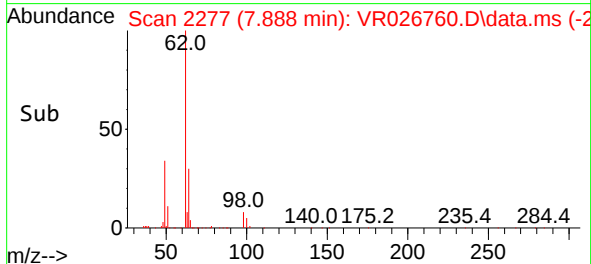
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



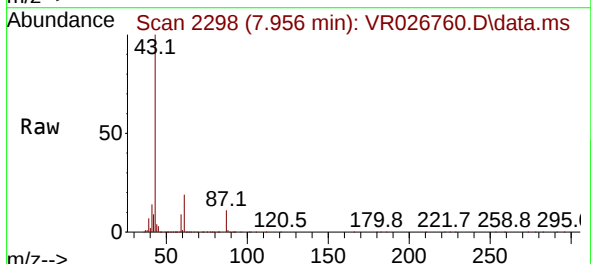
Tgt Ion: 62 Resp: 444360
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.2

Manual Integrations
APPROVED

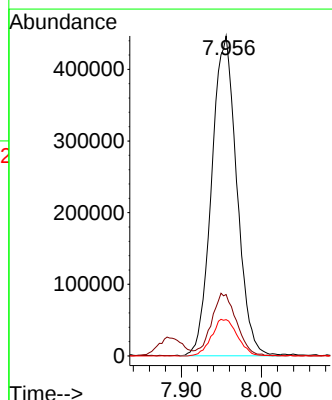
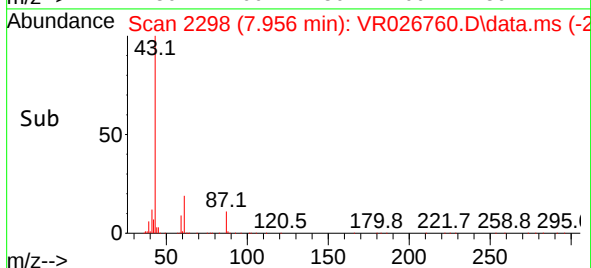
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

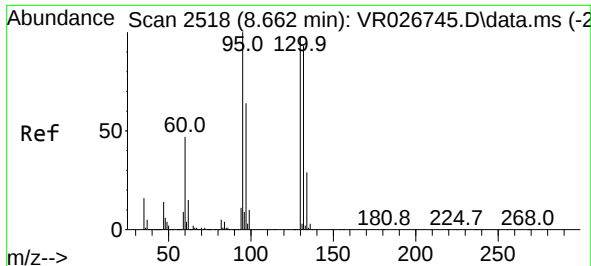


#42
Isopropyl Acetate
Concen: 19.770 ug/l
RT: 7.956 min Scan# 2298
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion: 43 Resp: 969900
Ion Ratio Lower Upper
43 100
61 19.6 16.8 25.2
87 11.8 10.2 15.4





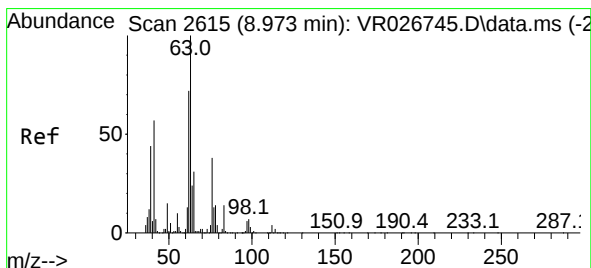
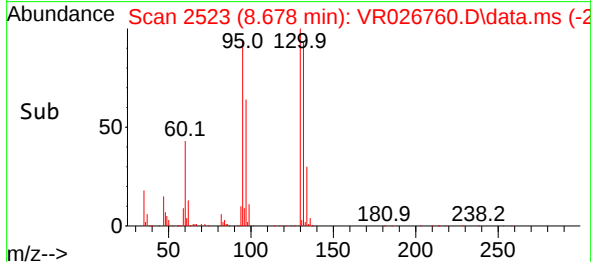
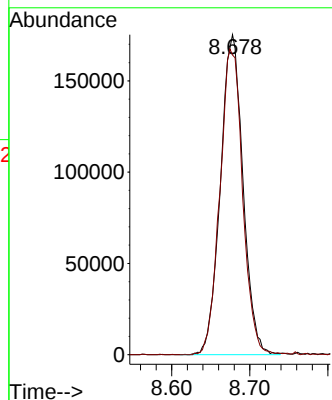
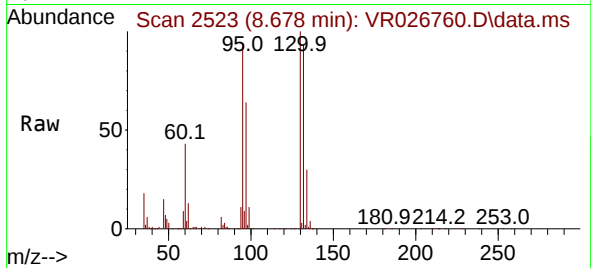
#43
Trichloroethene
Concen: 19.444 ug/l
RT: 8.678 min Scan# 2518
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01

Tgt Ion:130 Resp: 352262
Ion Ratio Lower Upper
130 100
95 93.6 0.0 203.4

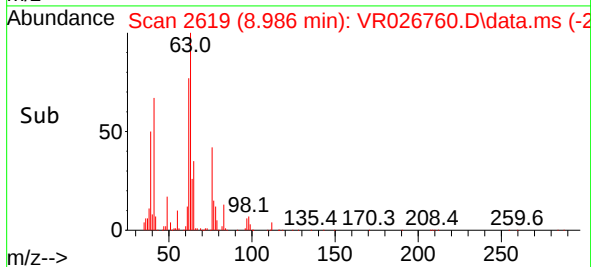
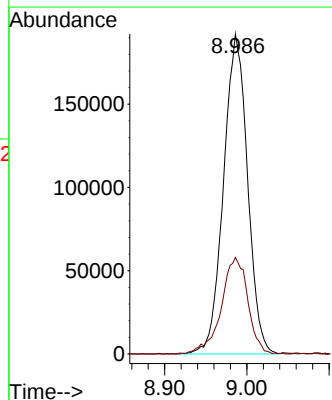
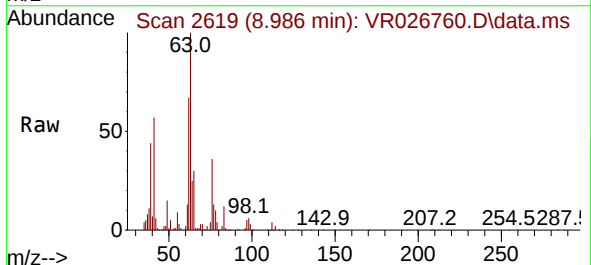
Manual Integrations
APPROVED

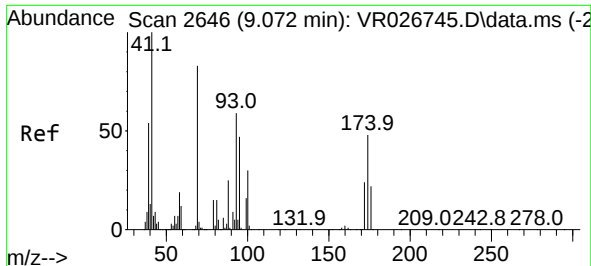
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#44
1,2-Dichloropropane
Concen: 19.621 ug/l
RT: 8.986 min Scan# 2619
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

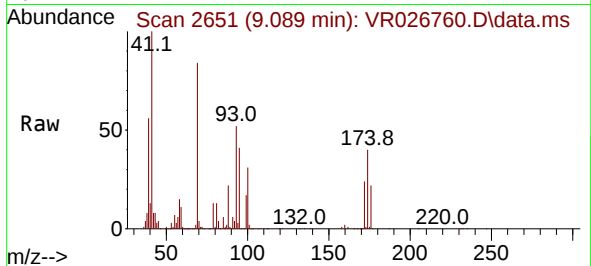
Tgt Ion: 63 Resp: 390070
Ion Ratio Lower Upper
63 100
65 30.0 24.8 37.2





#45
Dibromomethane
Concen: 19.023 ug/l
RT: 9.089 min Scan# 2071
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

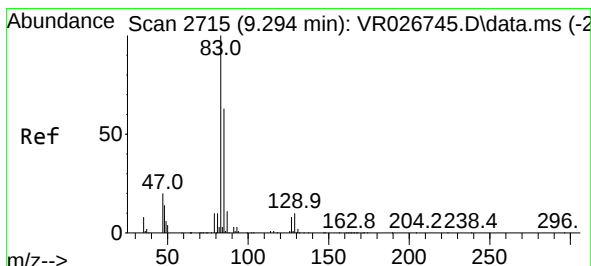
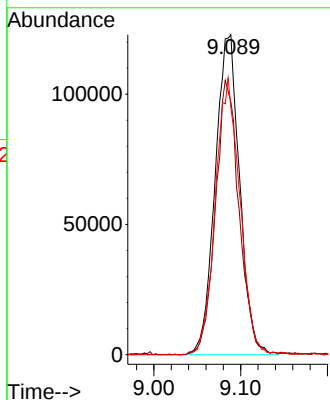
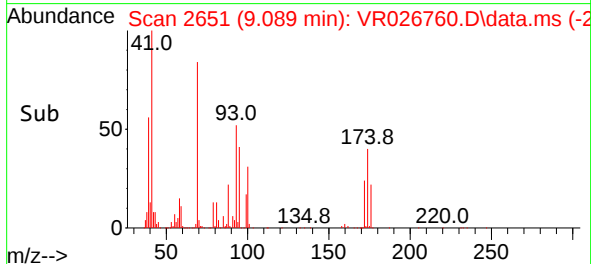
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



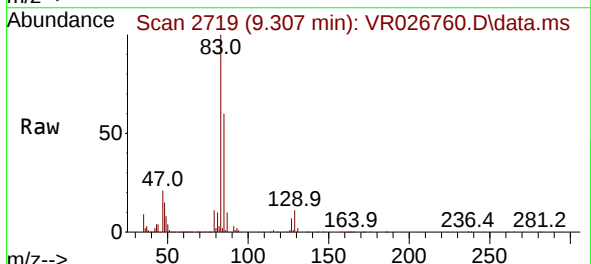
Tgt Ion: 93 Resp: 240230
Ion Ratio Lower Upper
93 100
95 83.0 65.4 98.0
174 86.4 66.5 99.7

Manual Integrations
APPROVED

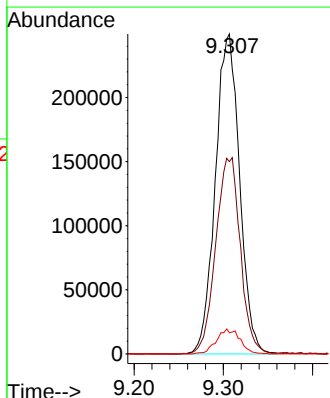
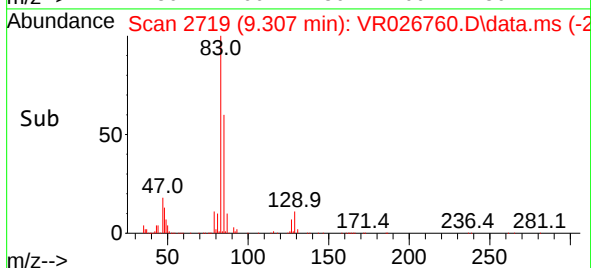
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

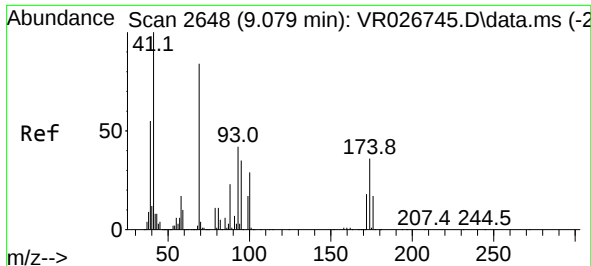


#46
Bromodichloromethane
Concen: 20.060 ug/l
RT: 9.307 min Scan# 2719
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion: 83 Resp: 471555
Ion Ratio Lower Upper
83 100
85 60.1 50.8 76.2
127 6.7 6.0 9.0





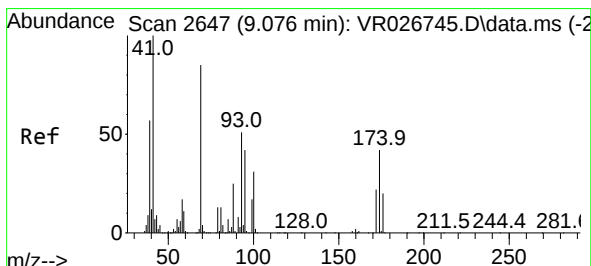
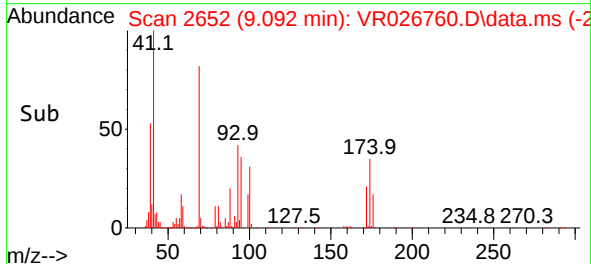
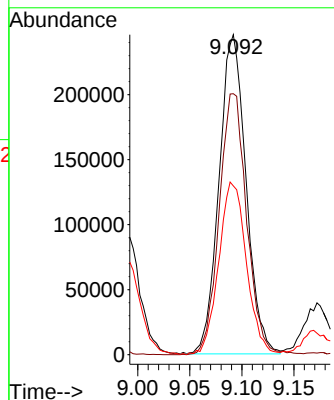
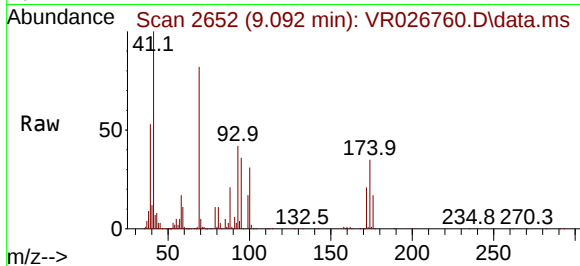
#47
Methyl methacrylate
Concen: 18.485 ug/l
RT: 9.092 min Scan# 2652
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01

Tgt Ion: 41 Resp: 44264
Ion Ratio Lower Upper
41 100
69 83.4 66.5 99.7
39 55.1 43.3 64.9

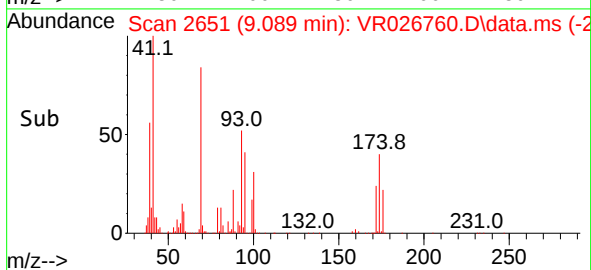
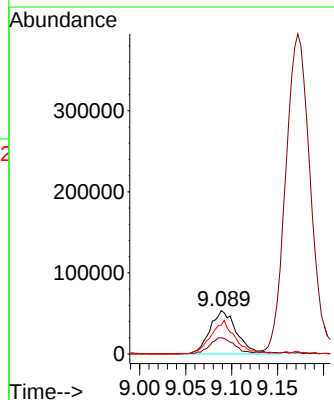
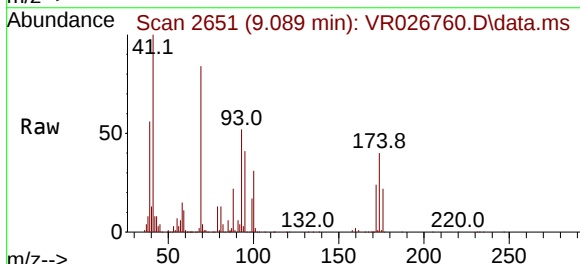
Manual Integrations
APPROVED

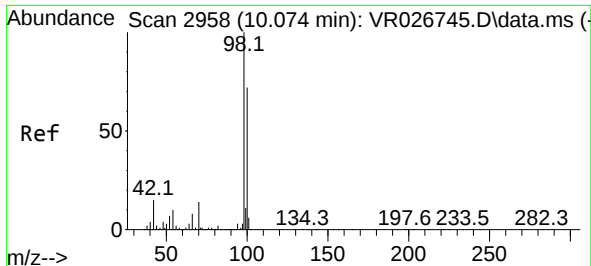
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#48
1,4-Dioxane
Concen: 356.462 ug/l
RT: 9.089 min Scan# 2651
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

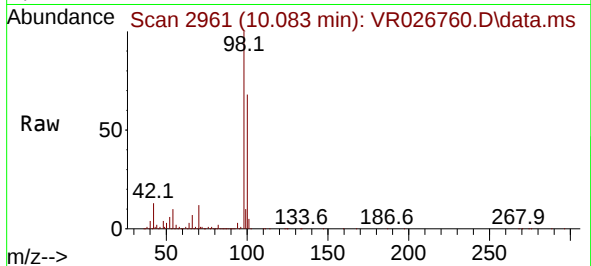
Tgt Ion: 88 Resp: 109652
Ion Ratio Lower Upper
88 100
43 34.3 27.1 40.7
58 69.0 55.9 83.9





#49
Toluene-d8
Concen: 52.433 ug/l
RT: 10.083 min Scan# 2961
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

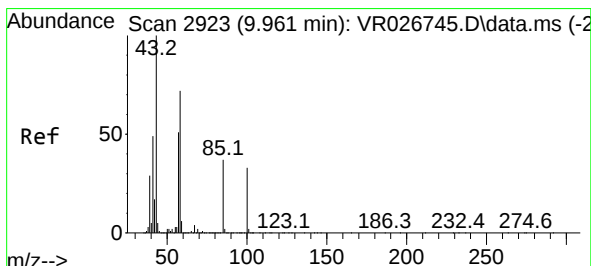
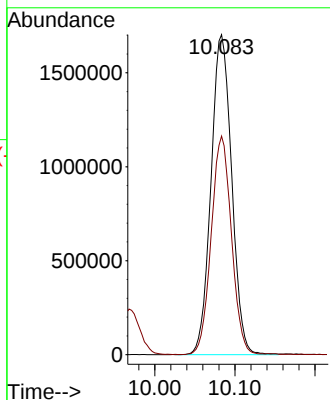
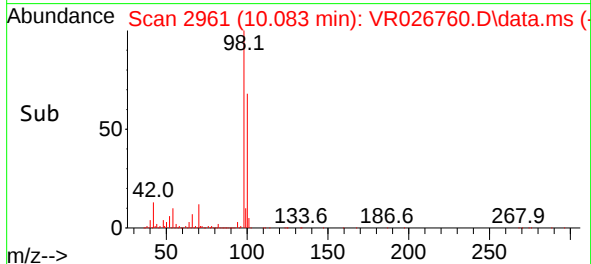
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



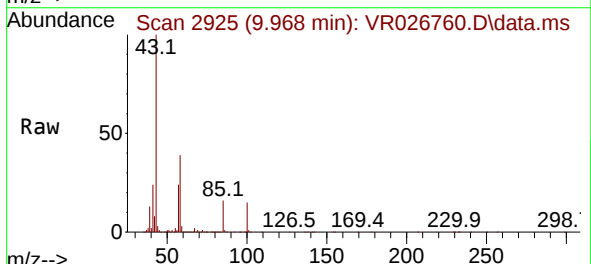
Tgt Ion: 98 Resp: 3053170
Ion Ratio Lower Upper
98 100
100 66.7 55.7 83.5

Manual Integrations
APPROVED

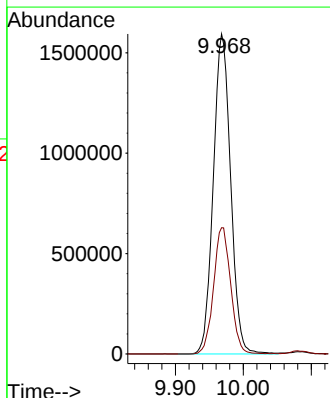
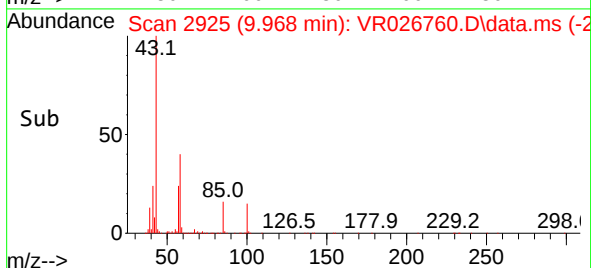
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

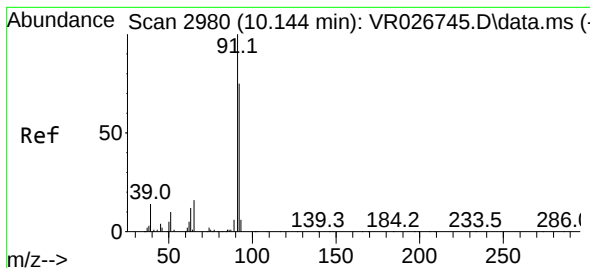


#50
4-Methyl-2-Pentanone
Concen: 102.143 ug/l
RT: 9.968 min Scan# 2925
Delta R.T. 0.007 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion: 43 Resp: 2824766
Ion Ratio Lower Upper
43 100
58 39.0 46.8 70.2#





#51

Toluene

Concen: 20.708 ug/l

RT: 10.157 min Scan# 2984

Delta R.T. 0.013 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

Instrument :

MSVOA_R

ClientSampleId :

VR0825WBS01

Tgt Ion: 92 Resp: 98198

Ion Ratio Lower Upper

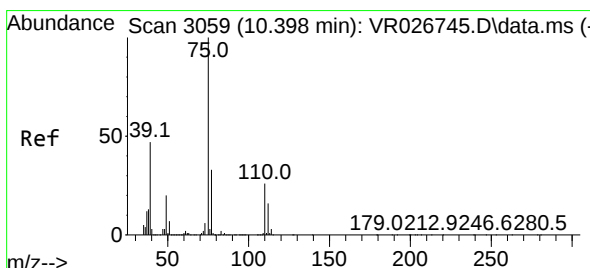
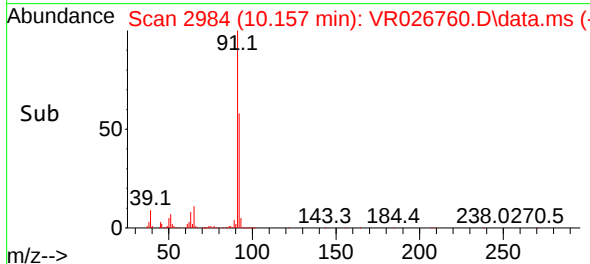
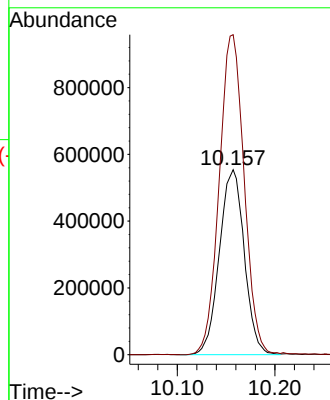
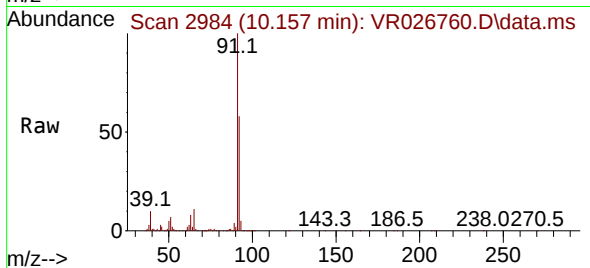
92 100

91 173.6 120.1 180.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#52

t-1,3-Dichloropropene

Concen: 19.619 ug/l

RT: 10.411 min Scan# 3063

Delta R.T. 0.013 min

Lab File: VR026760.D

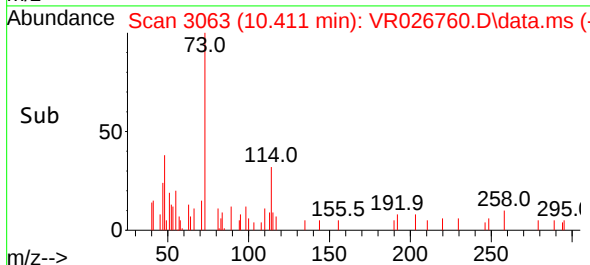
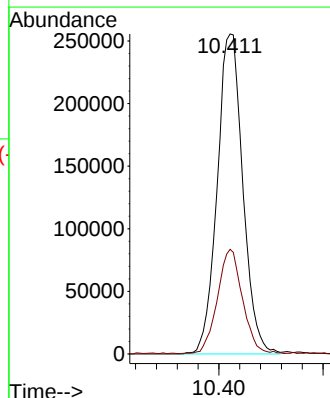
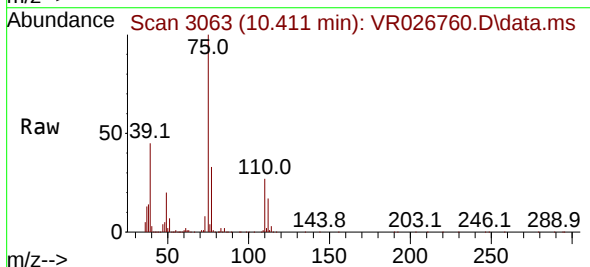
Acq: 25 Aug 2025 14:16

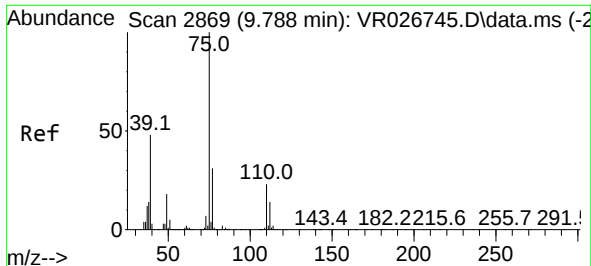
Tgt Ion: 75 Resp: 436813

Ion Ratio Lower Upper

75 100

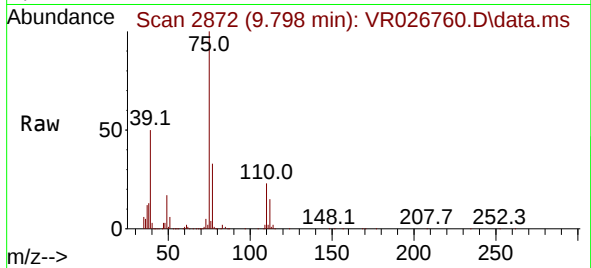
77 32.6 26.2 39.4





#53
 cis-1,3-Dichloropropene
 Concen: 19.655 ug/l
 RT: 9.798 min Scan# 2869
 Delta R.T. 0.010 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16

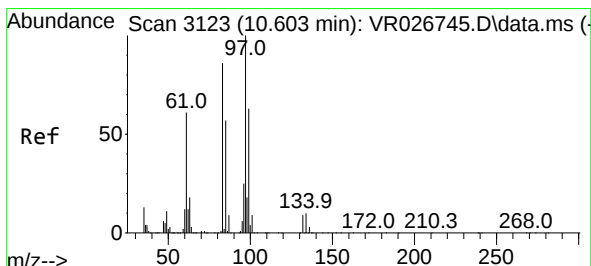
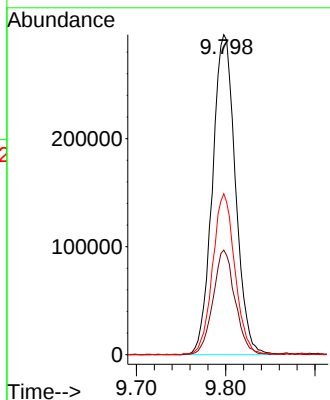
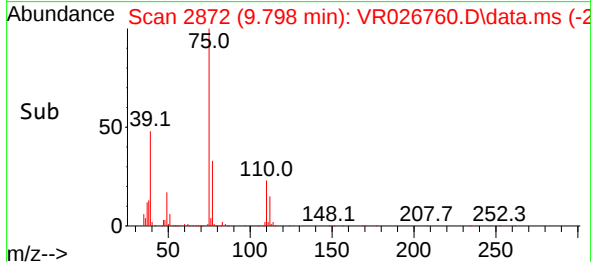
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0825WBS01



Tgt Ion: 75 Resp: 53090
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.1 37.7
 39 50.2 38.5 57.7

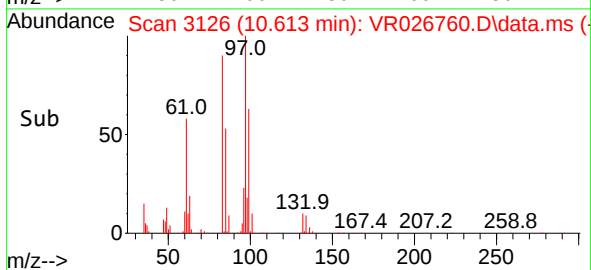
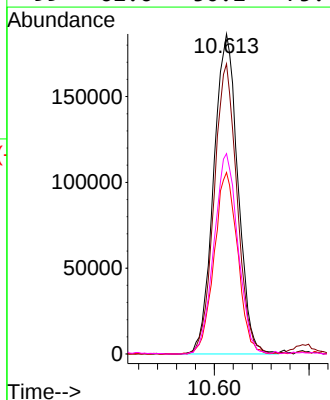
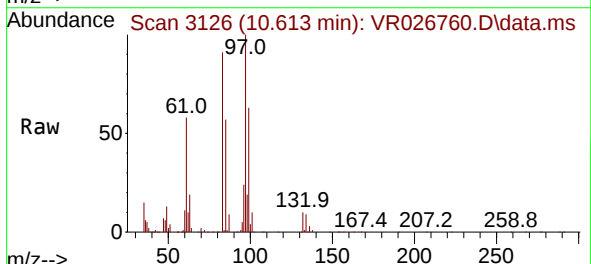
Manual Integrations
 APPROVED

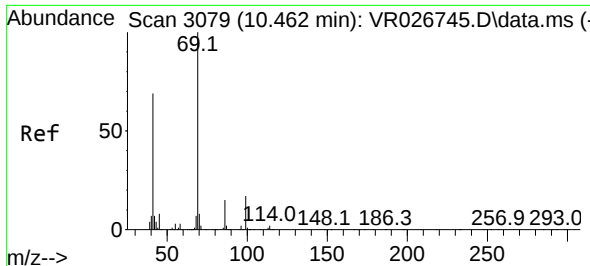
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#54
 1,1,2-Trichloroethane
 Concen: 19.646 ug/l
 RT: 10.613 min Scan# 3126
 Delta R.T. 0.010 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16

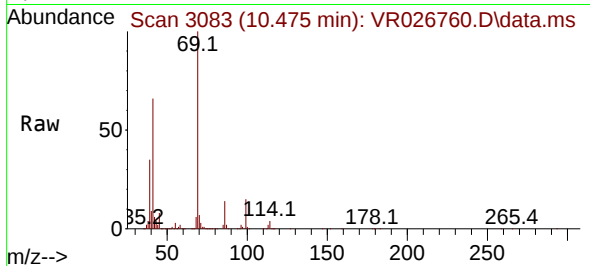
Tgt Ion: 97 Resp: 330659
 Ion Ratio Lower Upper
 97 100
 83 90.7 68.9 103.3
 85 56.7 45.3 67.9
 99 62.6 50.2 75.4





#55
Ethyl methacrylate
Concen: 20.027 ug/l
RT: 10.475 min Scan# 3079
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

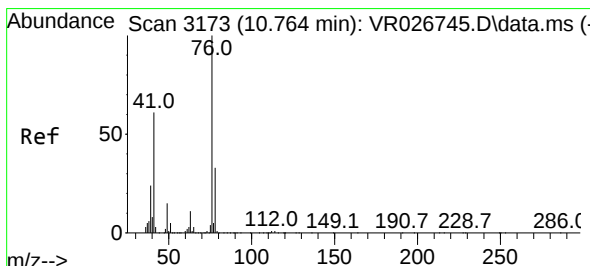
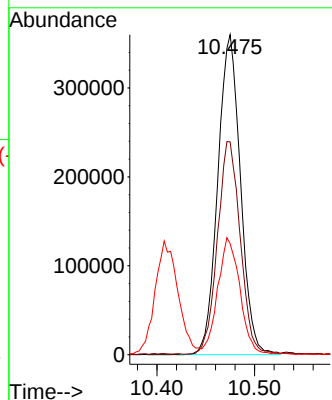
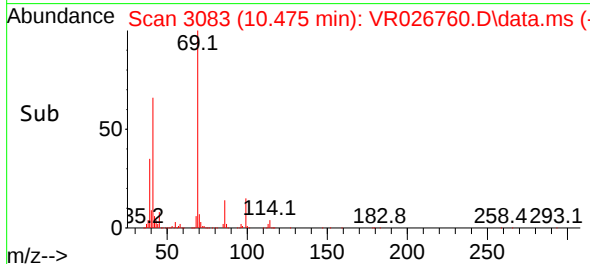
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



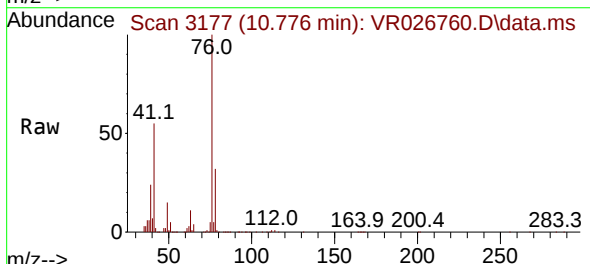
Tgt Ion: 69 Resp: 579794
Ion Ratio Lower Upper
69 100
41 66.9 55.6 83.4
39 35.8 29.2 43.8

Manual Integrations
APPROVED

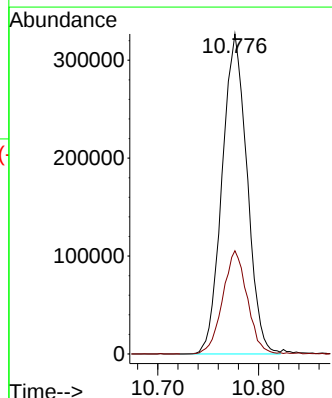
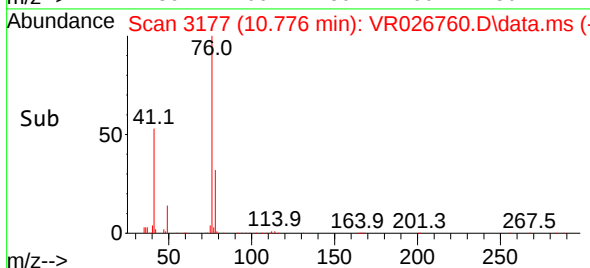
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

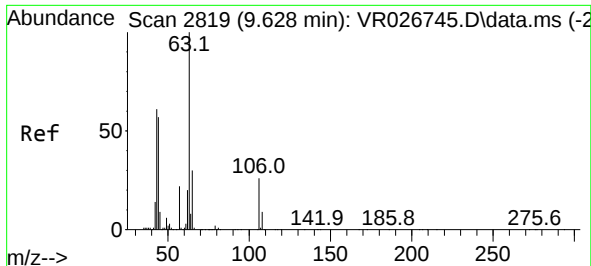


#56
1,3-Dichloropropane
Concen: 19.794 ug/l
RT: 10.776 min Scan# 3177
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion: 76 Resp: 561538
Ion Ratio Lower Upper
76 100
78 31.8 25.9 38.9





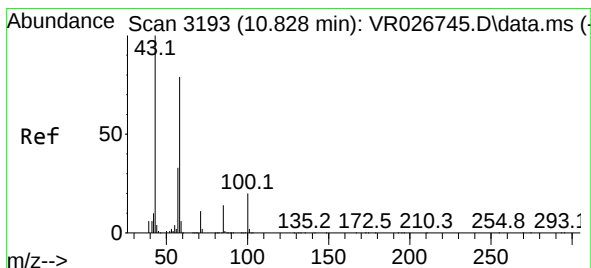
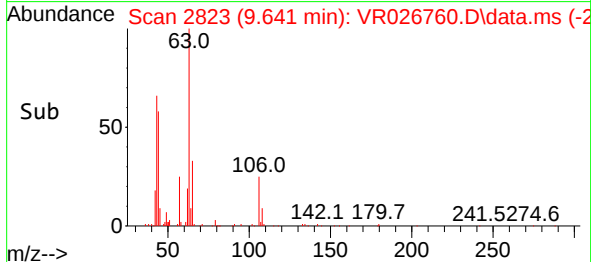
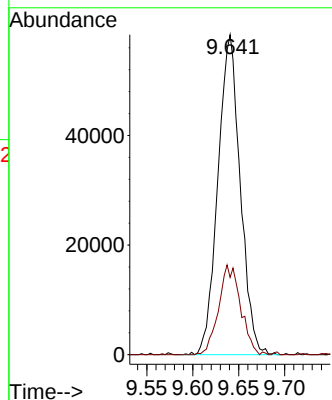
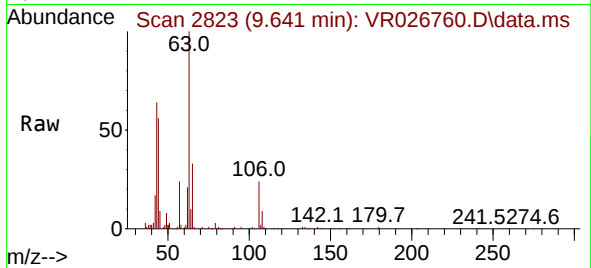
#57
2-Chloroethyl Vinyl ether
Concen: 78.959 ug/l
RT: 9.641 min Scan# 2819
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01

Tgt Ion: 63 Resp: 9868
Ion Ratio Lower Upper
63 100
106 27.6 21.5 32.3

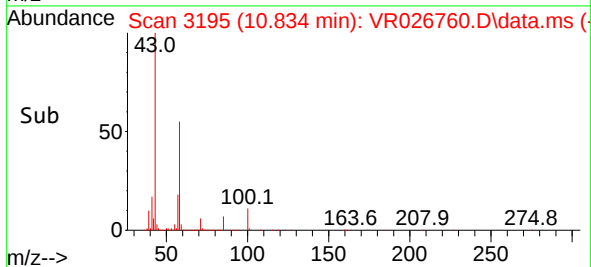
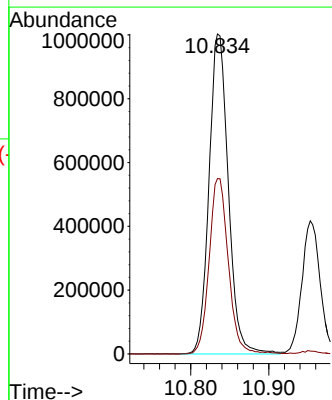
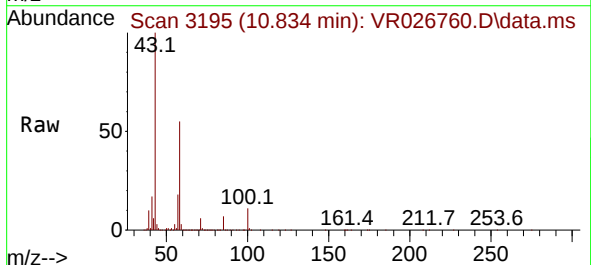
Manual Integrations
APPROVED

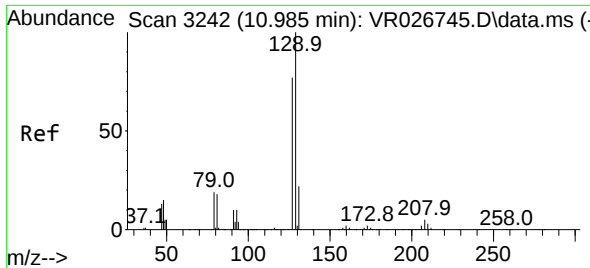
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#58
2-Hexanone
Concen: 103.717 ug/l
RT: 10.834 min Scan# 3195
Delta R.T. 0.006 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

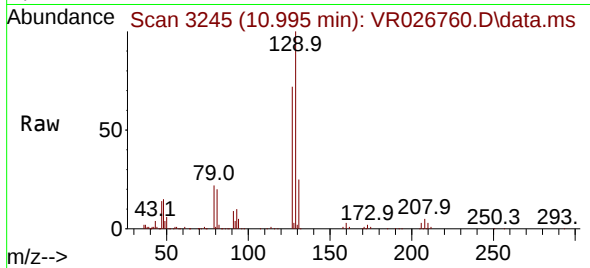
Tgt Ion: 43 Resp: 1719429
Ion Ratio Lower Upper
43 100
58 54.7 34.0 102.0





#59
Dibromochloromethane
Concen: 20.067 ug/l
RT: 10.995 min Scan# 31768
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

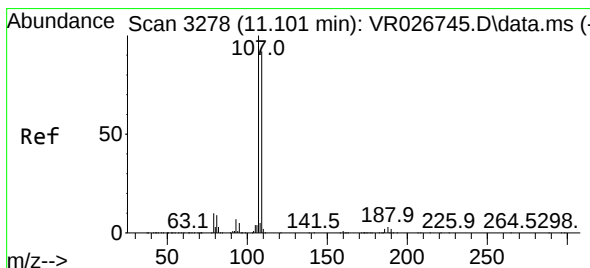
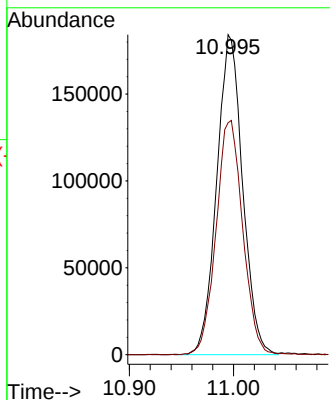
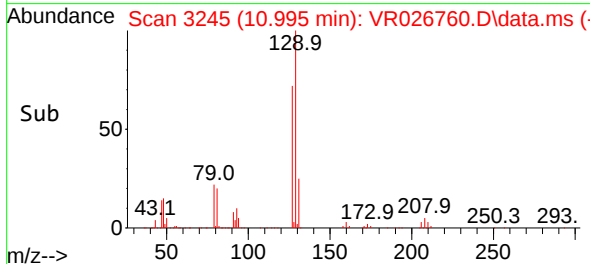
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



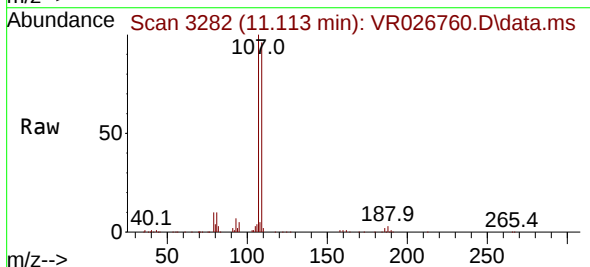
Tgt Ion:129 Resp: 31768
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.7

Manual Integrations
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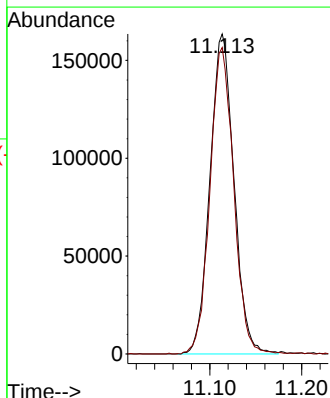
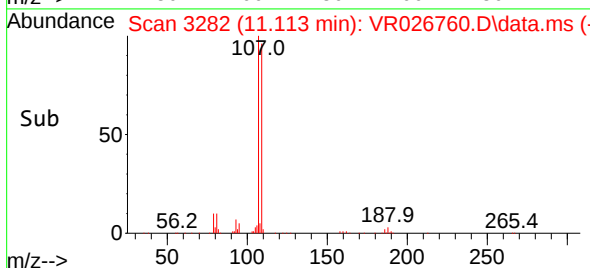
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

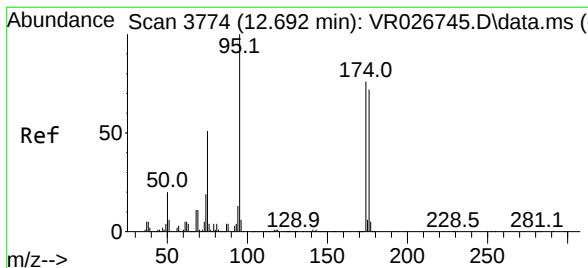


#60
1,2-Dibromoethane
Concen: 19.512 ug/l
RT: 11.113 min Scan# 3282
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion:107 Resp: 296806
Ion Ratio Lower Upper
107 100
109 94.7 74.3 111.5





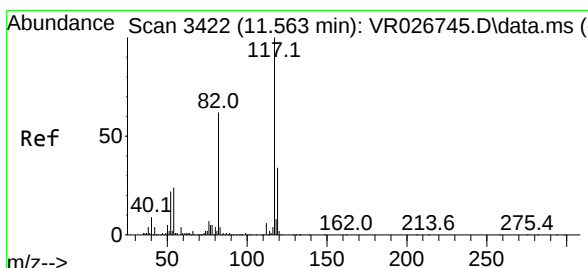
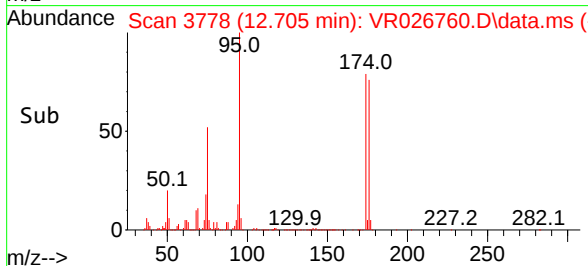
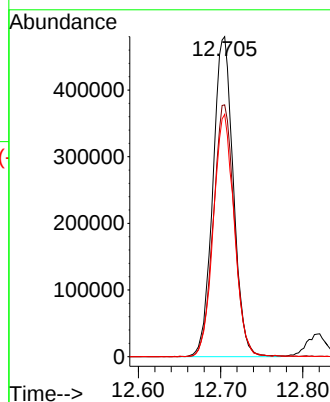
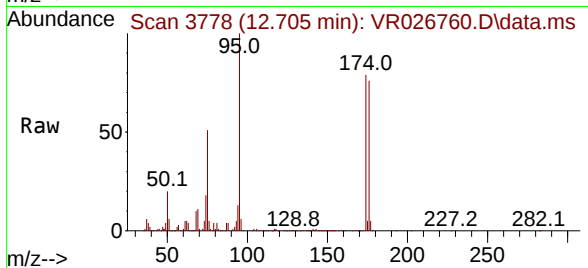
#61
4-Bromofluorobenzene
Concen: 50.318 ug/l
RT: 12.705 min Scan# 31
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01

Tgt Ion: 95 Resp: 831364
Ion Ratio Lower Upper
95 100
174 81.0 0.0 156.6
176 77.1 0.0 150.2

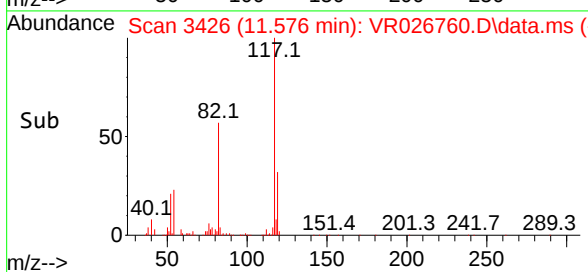
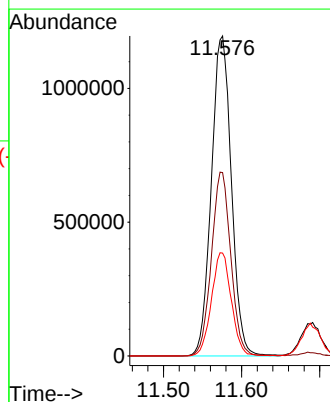
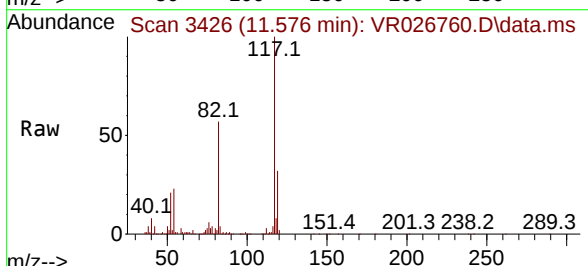
Manual Integrations
APPROVED

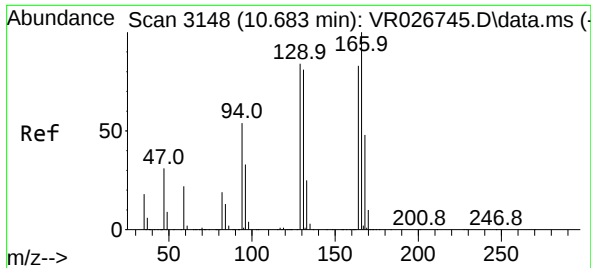
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 3426
Delta R.T. 0.012 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

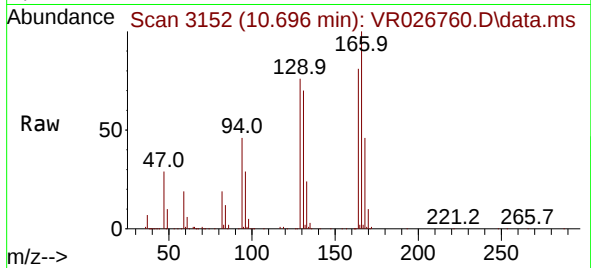
Tgt Ion:117 Resp: 2129589
Ion Ratio Lower Upper
117 100
82 57.3 49.9 74.9
119 32.2 27.4 41.2





#63
Tetrachloroethene
Concen: 19.709 ug/l
RT: 10.696 min Scan# 3148
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

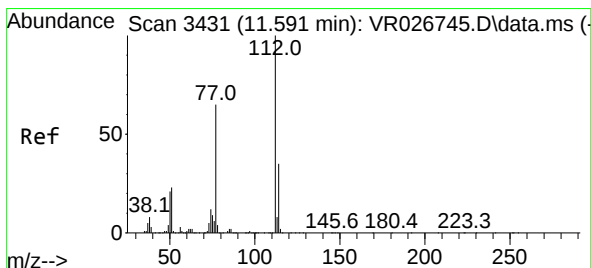
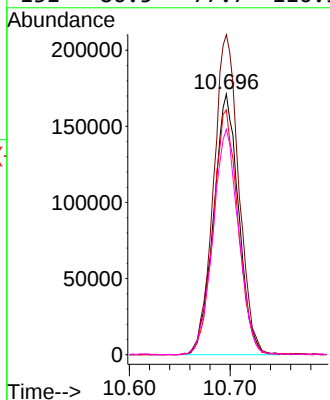
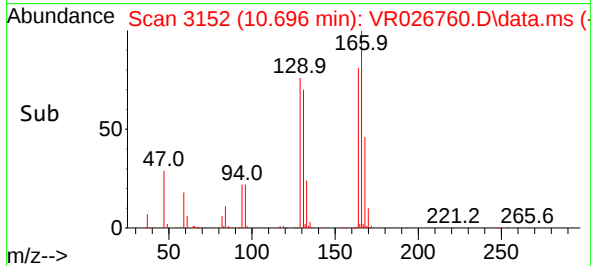
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



Tgt Ion:164 Resp: 294898
Ion Ratio Lower Upper
164 100
166 122.7 95.9 143.9
129 93.9 80.2 120.2
131 86.5 77.7 116.5

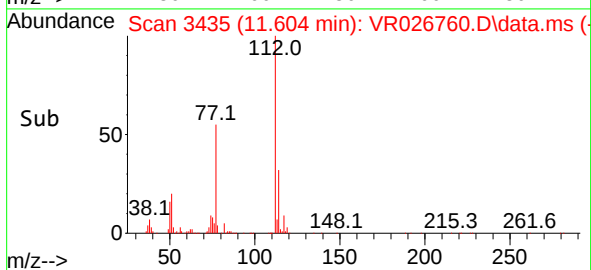
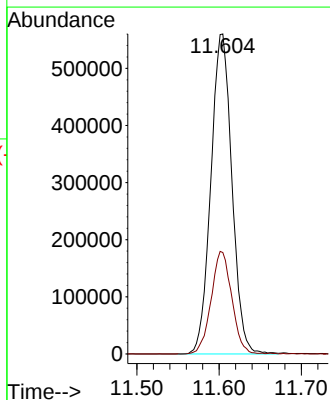
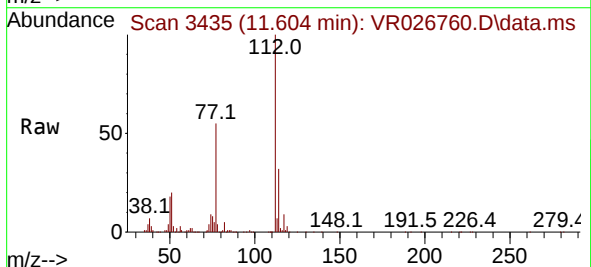
Manual Integrations
APPROVED

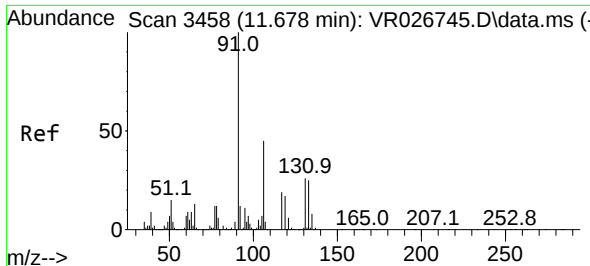
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#64
Chlorobenzene
Concen: 21.041 ug/l
RT: 11.604 min Scan# 3435
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

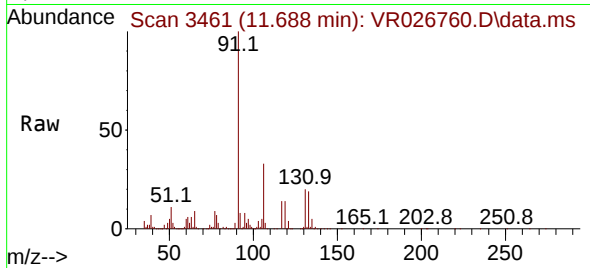
Tgt Ion:112 Resp: 997145
Ion Ratio Lower Upper
112 100
114 31.7 28.0 42.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.077 ug/l
RT: 11.688 min Scan# 3458
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

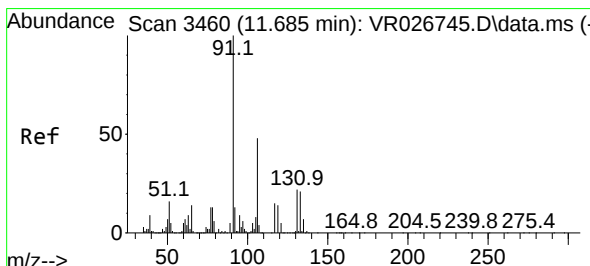
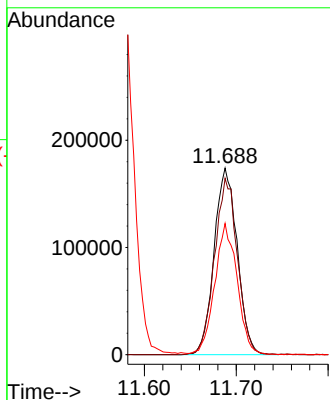
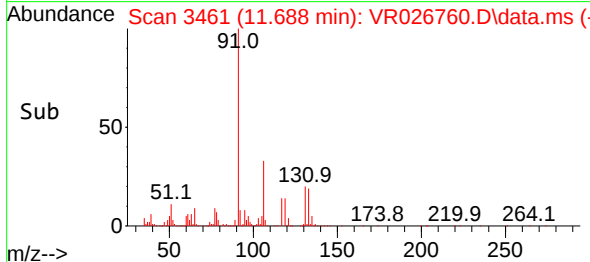
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



Tgt Ion:131 Resp: 30354
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 68.6 33.9 101.7

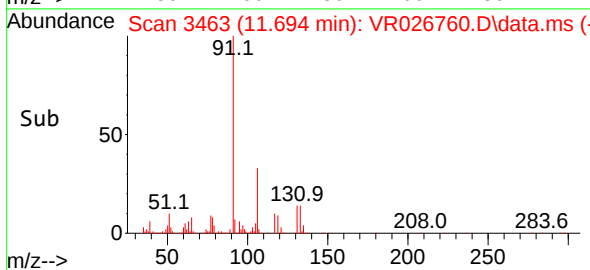
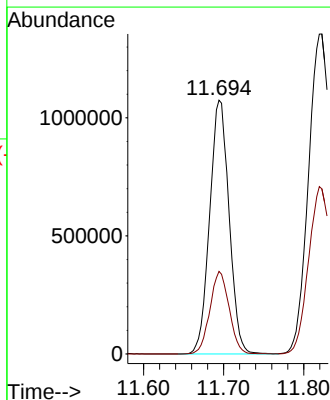
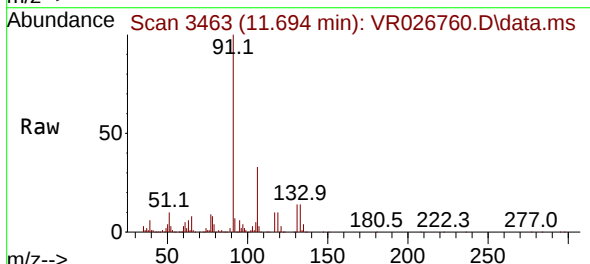
Manual Integrations
APPROVED

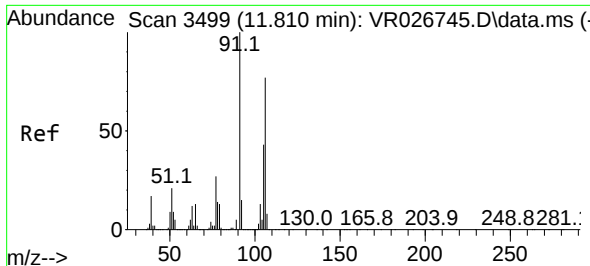
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#66
Ethyl Benzene
Concen: 22.831 ug/l
RT: 11.694 min Scan# 3463
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

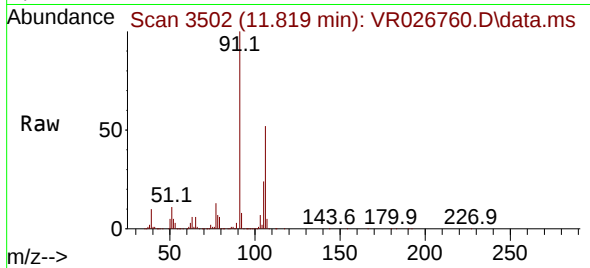
Tgt Ion: 91 Resp: 1808996
Ion Ratio Lower Upper
91 100
106 32.5 38.7 58.1#





#67
m/p-Xylenes
Concen: 42.267 ug/l
RT: 11.819 min Scan# 3499
Delta R.T. 0.009 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

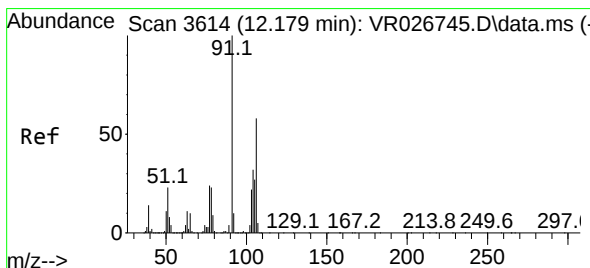
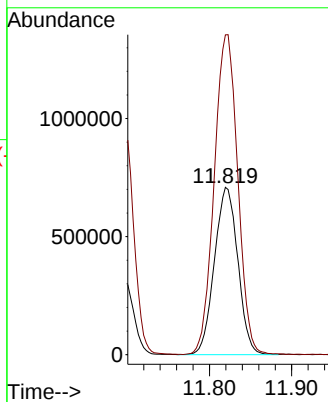
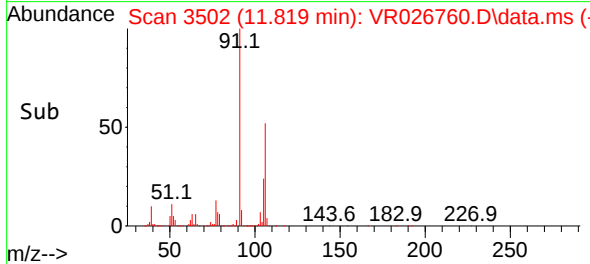
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



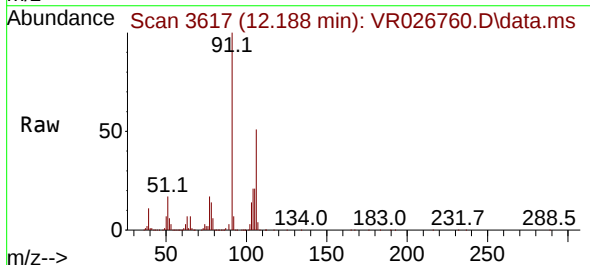
Tgt Ion:106 Resp: 1401400
Ion Ratio Lower Upper
106 100
91 192.4 121.6 182.4

Manual Integrations
APPROVED

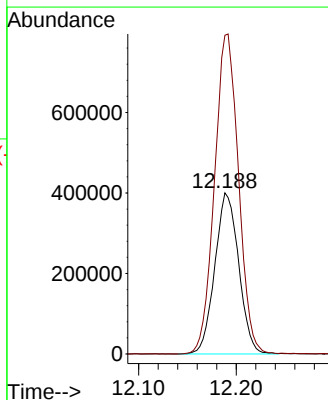
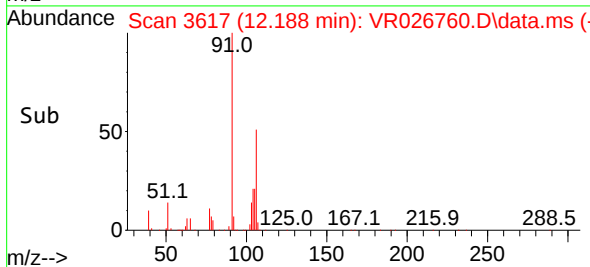
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

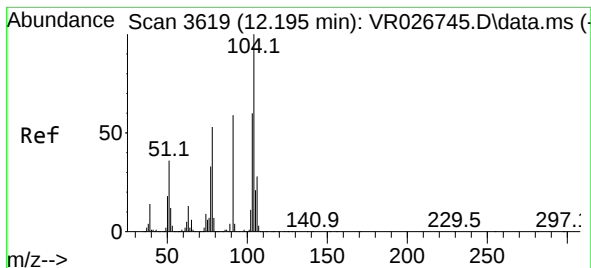


#68
o-Xylene
Concen: 20.213 ug/l
RT: 12.188 min Scan# 3617
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion:106 Resp: 679085
Ion Ratio Lower Upper
106 100
91 199.8 93.7 281.1





#69

Styrene

Concen: 20.998 ug/l

RT: 12.208 min Scan# 3623

Delta R.T. 0.013 min

Lab File: VR026760.D

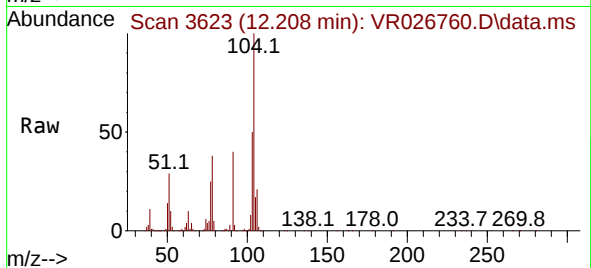
Acq: 25 Aug 2025 14:16

Instrument :

MSVOA_R

ClientSampleId :

VR0825WBS01



Tgt Ion:104 Resp: 1038079

Ion Ratio Lower Upper

104 100

78 45.0 42.5 63.7

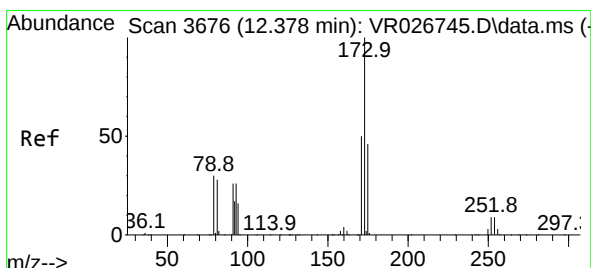
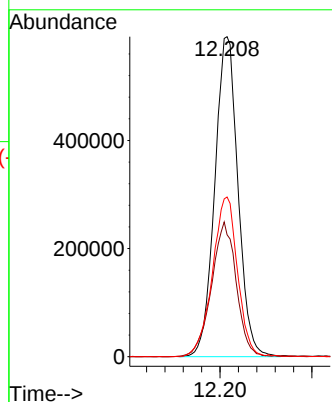
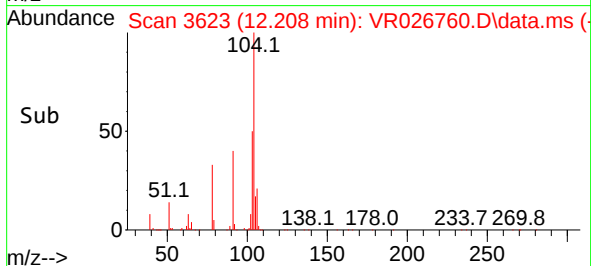
103 53.8 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#70

Bromoform

Concen: 19.921 ug/l

RT: 12.391 min Scan# 3680

Delta R.T. 0.013 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

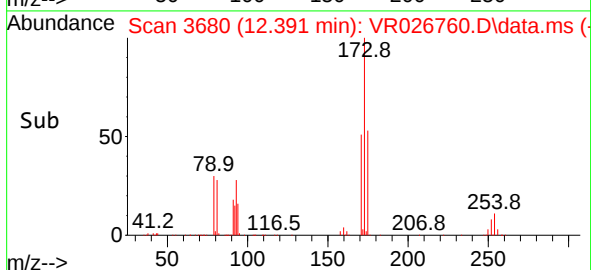
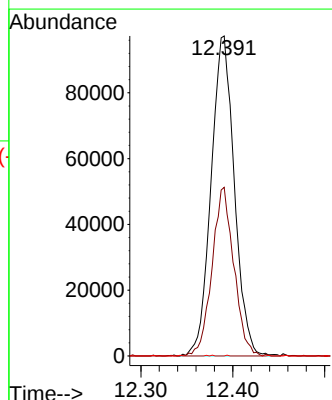
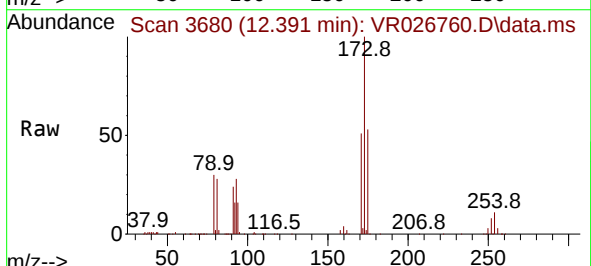
Tgt Ion:173 Resp: 170919

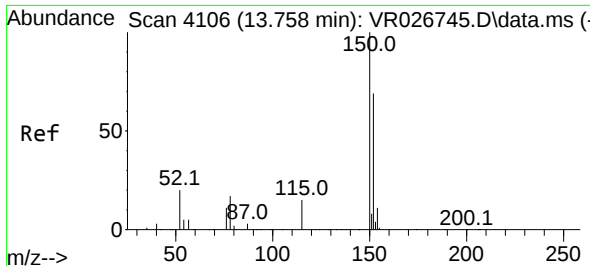
Ion Ratio Lower Upper

173 100

175 49.3 23.8 71.4

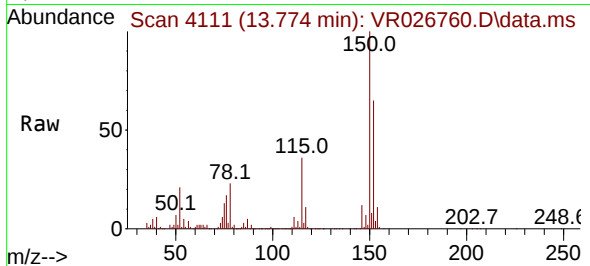
254 0.0 0.0 0.0#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.774 min Scan# 4111
Delta R.T. 0.016 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

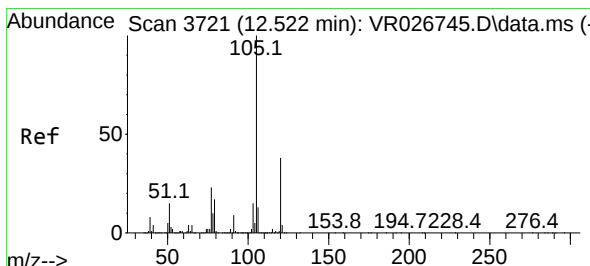
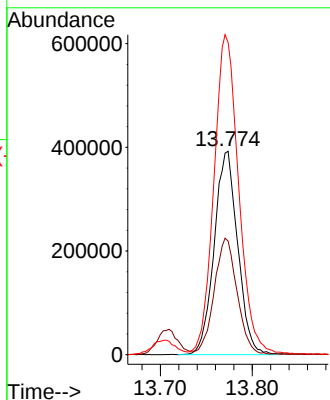
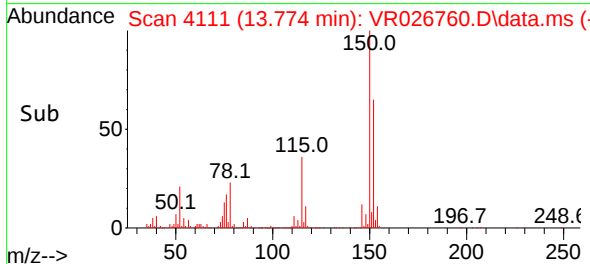
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



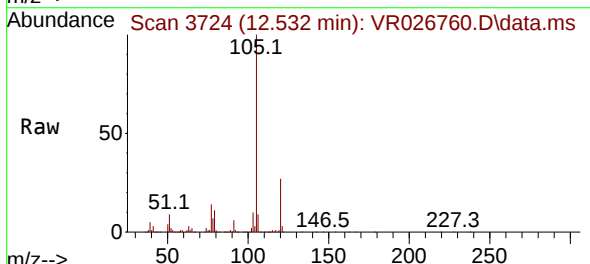
Tgt Ion:152 Resp: 698939
Ion Ratio Lower Upper
152 100
115 55.7 28.5 85.5
150 165.0 0.0 352.0

Manual Integrations
APPROVED

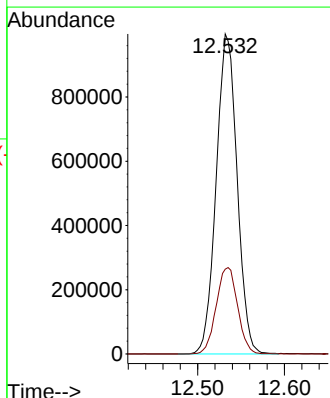
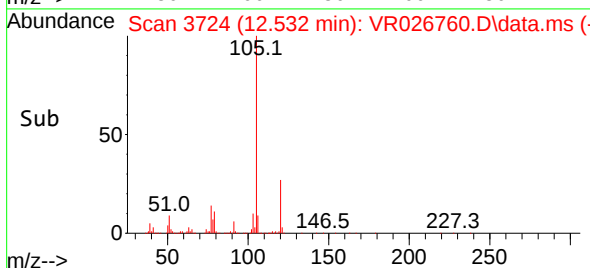
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

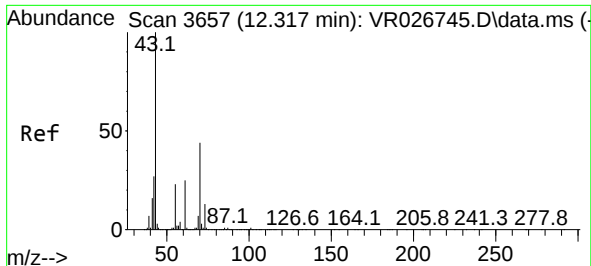


#72
Isopropylbenzene
Concen: 21.953 ug/l
RT: 12.532 min Scan# 3724
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



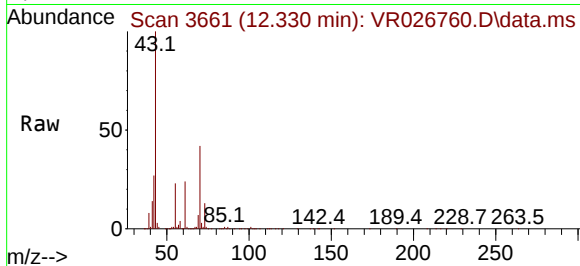
Tgt Ion:105 Resp: 1665555
Ion Ratio Lower Upper
105 100
120 27.6 16.4 49.2





#73
N-amy1 acetate
Concen: 17.354 ug/l
RT: 12.330 min Scan# 3661
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

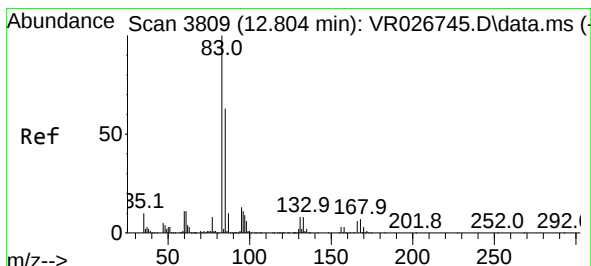
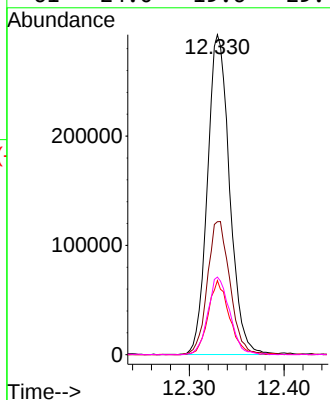
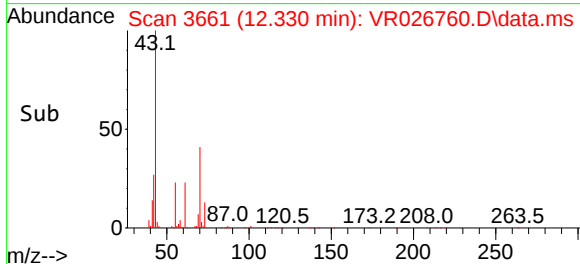
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



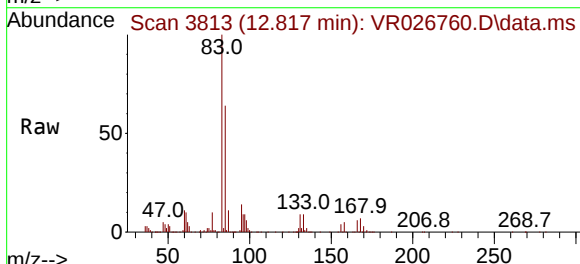
Tgt Ion: 43 Resp: 47535
Ion Ratio Lower Upper
43 100
70 42.7 34.1 51.1
55 22.2 18.1 27.1
61 24.0 19.6 29.4

Manual Integrations
APPROVED

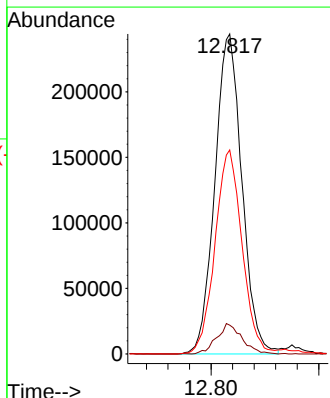
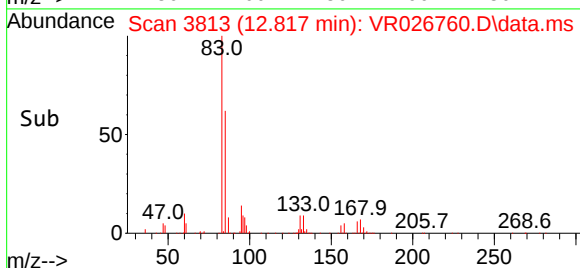
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

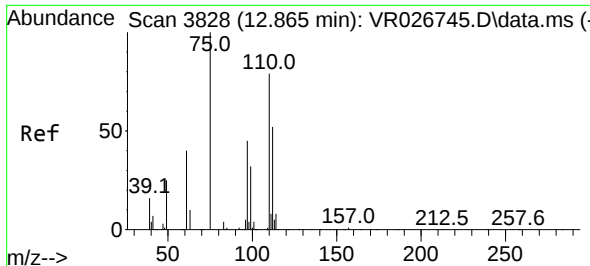


#74
1,1,2,2-Tetrachloroethane
Concen: 19.612 ug/l
RT: 12.817 min Scan# 3813
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



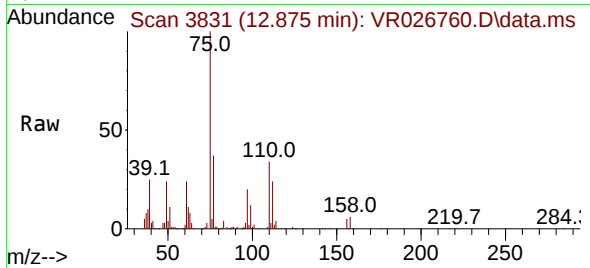
Tgt Ion: 83 Resp: 425944
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 63.6 31.7 95.1





#75
1,2,3-Trichloropropane
Concen: 18.937 ug/l m
RT: 12.875 min Scan# 3831
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

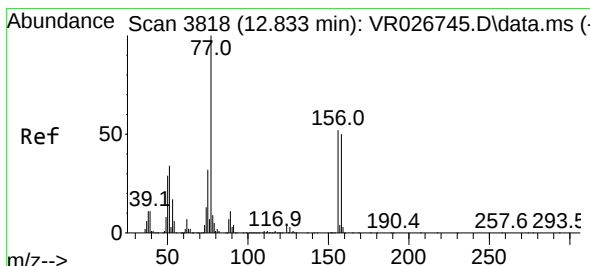
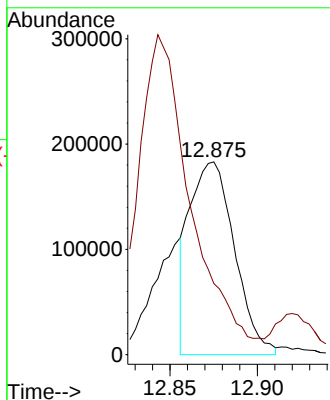
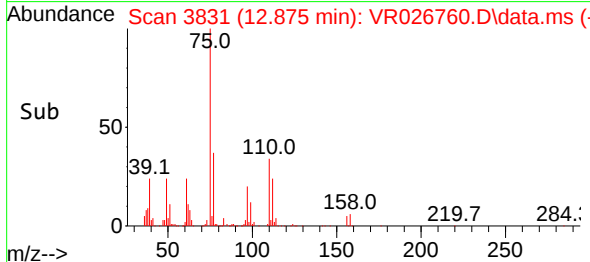
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



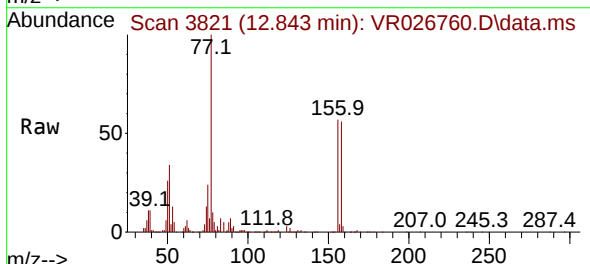
Tgt Ion: 75 Resp: 326272
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

Manual Integrations
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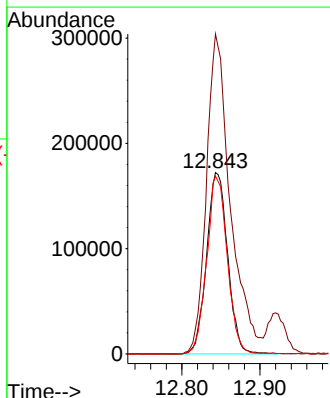
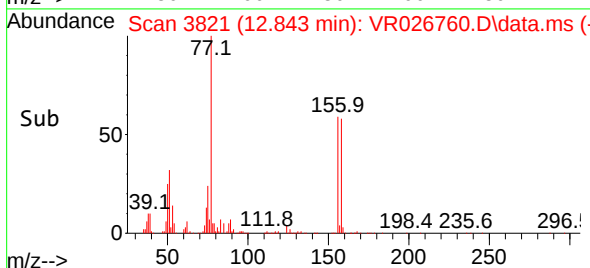
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

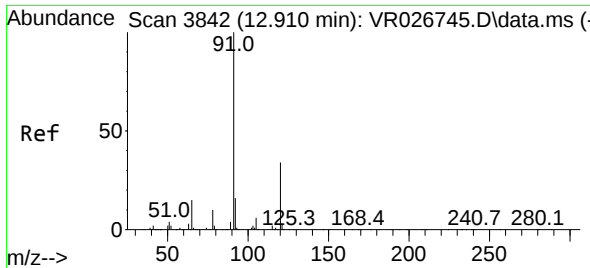


#76
Bromobenzene
Concen: 19.435 ug/l
RT: 12.843 min Scan# 3821
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



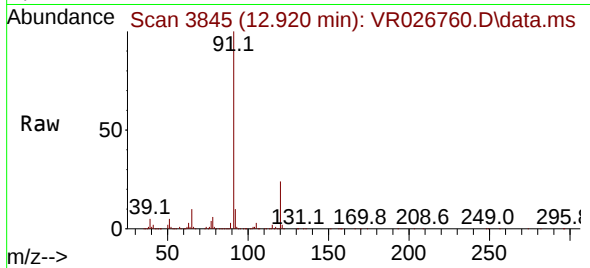
Tgt Ion:156 Resp: 322757
Ion Ratio Lower Upper
156 100
77 198.6 109.8 329.4
158 95.6 47.5 142.6





#77
n-propylbenzene
Concen: 22.234 ug/l
RT: 12.920 min Scan# 3845
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

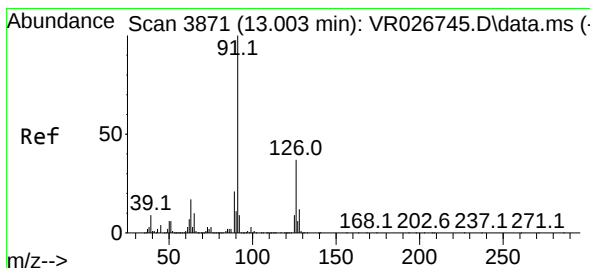
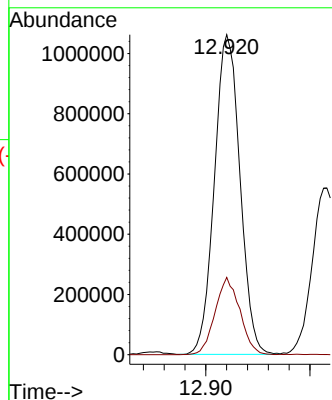
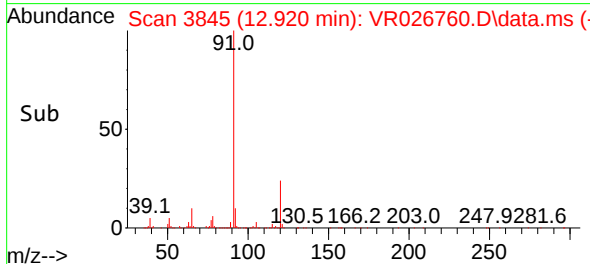
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



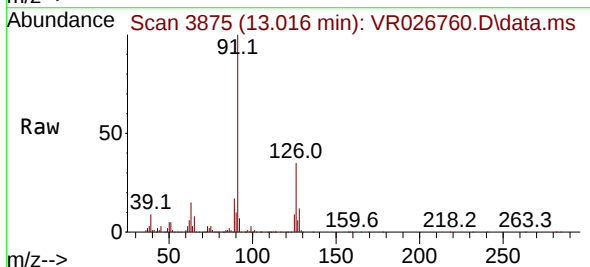
Tgt Ion: 91 Resp: 180847
Ion Ratio Lower Upper
91 100
120 23.4 14.2 42.8

Manual Integrations
APPROVED

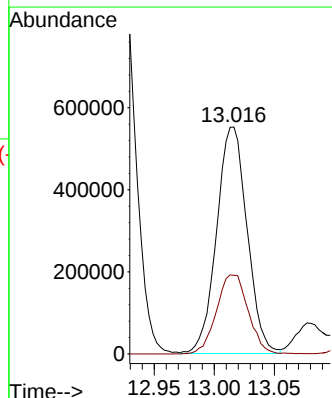
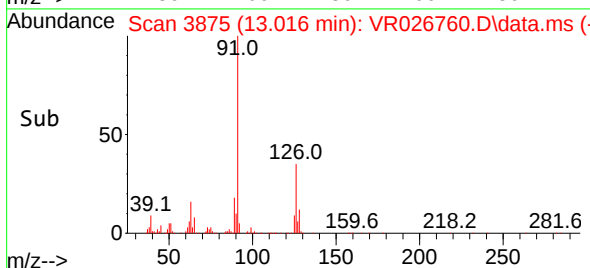
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

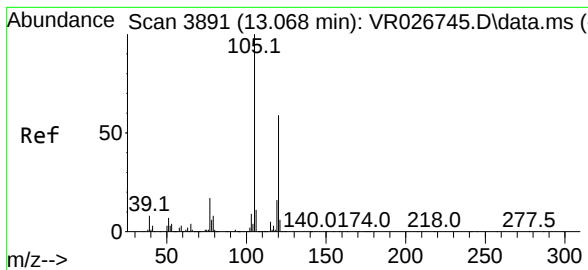


#78
2-Chlorotoluene
Concen: 20.251 ug/l
RT: 13.016 min Scan# 3875
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



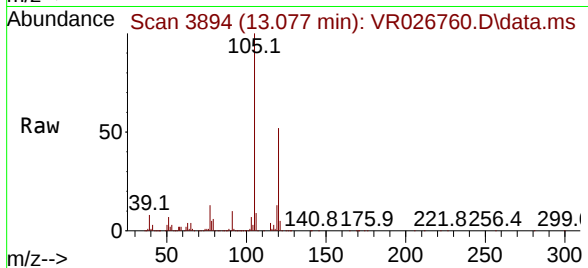
Tgt Ion: 91 Resp: 972748
Ion Ratio Lower Upper
91 100
126 36.4 18.0 54.0





#79
1,3,5-Trimethylbenzene
Concen: 21.298 ug/l
RT: 13.077 min Scan# 3894
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

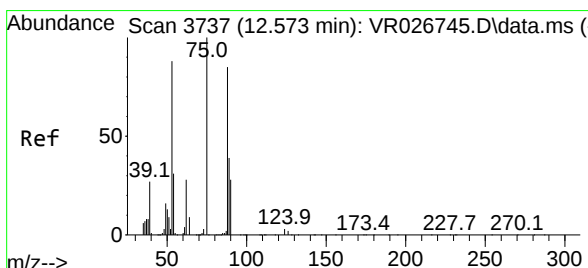
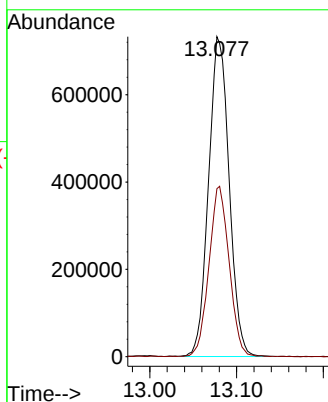
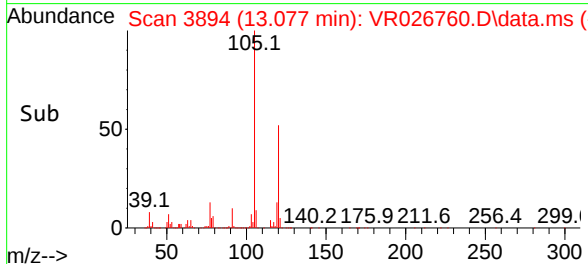
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



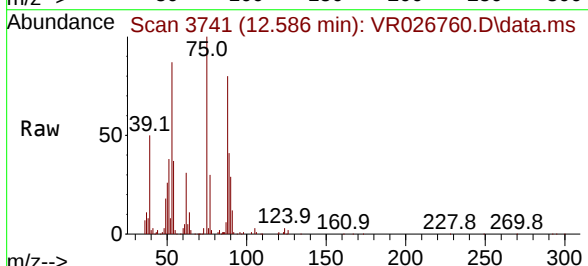
Tgt Ion:105 Resp: 1206620
Ion Ratio Lower Upper
105 100
120 52.3 27.8 83.4

Manual Integrations
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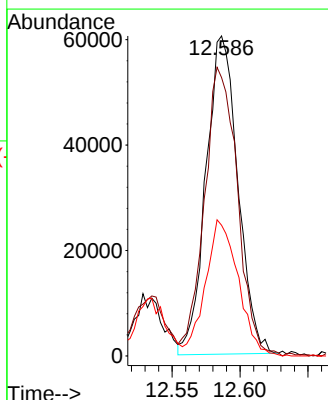
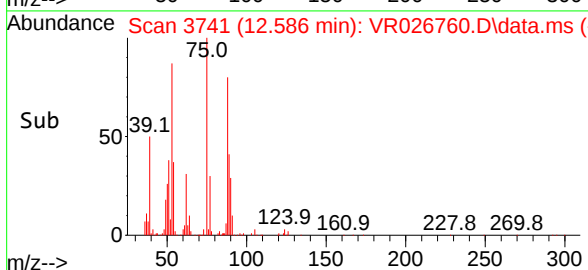
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

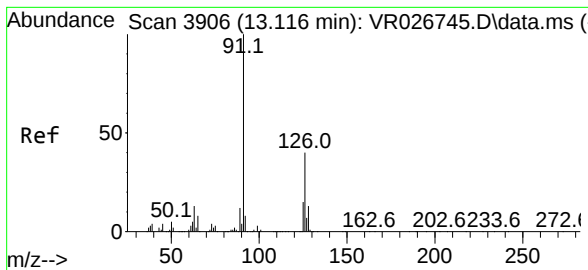


#80
trans-1,4-Dichloro-2-butene
Concen: 17.981 ug/l
RT: 12.586 min Scan# 3741
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion: 75 Resp: 98567
Ion Ratio Lower Upper
75 100
53 94.2 70.9 106.3
89 43.9 33.4 50.0





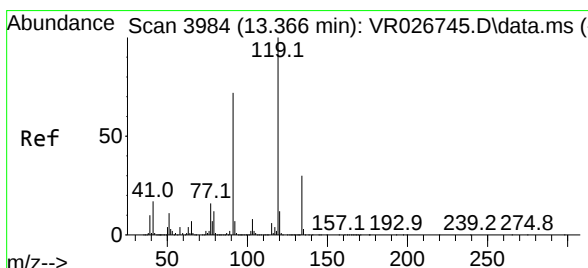
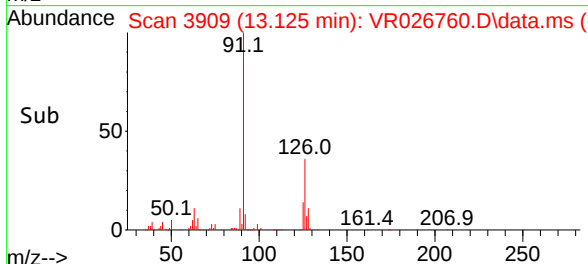
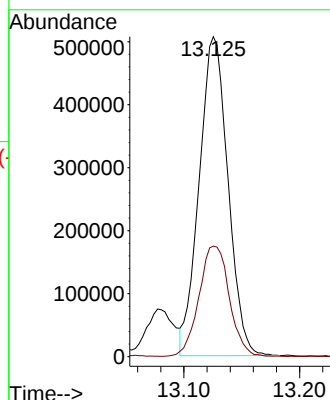
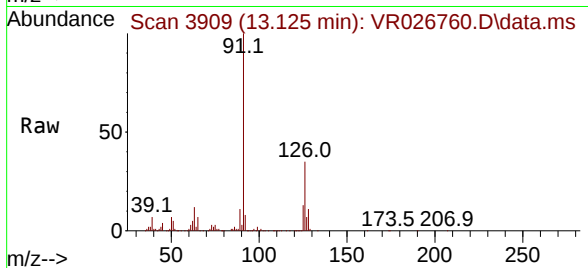
#81
4-Chlorotoluene
Concen: 19.900 ug/l
RT: 13.125 min Scan# 3909
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01

Tgt Ion: 91 Resp: 87584
Ion Ratio Lower Upper
91 100
126 36.4 18.2 54.6

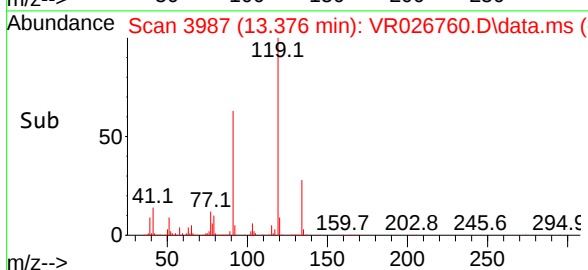
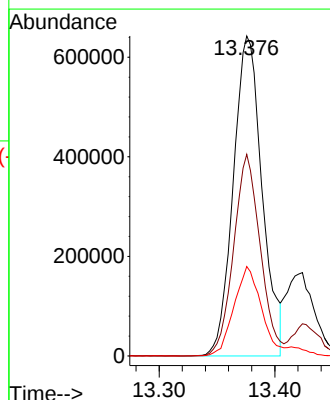
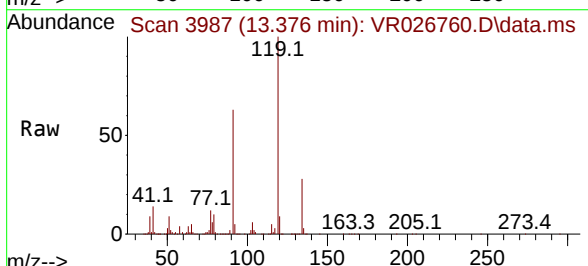
Manual Integrations
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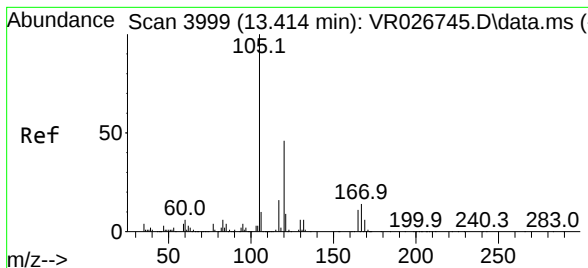
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#82
tert-Butylbenzene
Concen: 21.002 ug/l
RT: 13.376 min Scan# 3987
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

Tgt Ion:119 Resp: 1112438
Ion Ratio Lower Upper
119 100
91 58.5 33.5 100.5
134 26.7 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 20.977 ug/l

RT: 13.427 min Scan# 4003

Delta R.T. 0.013 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

Instrument :

MSVOA_R

ClientSampleId :

VR0825WBS01

Tgt Ion:105 Resp: 108366

Ion Ratio Lower Upper

105 100

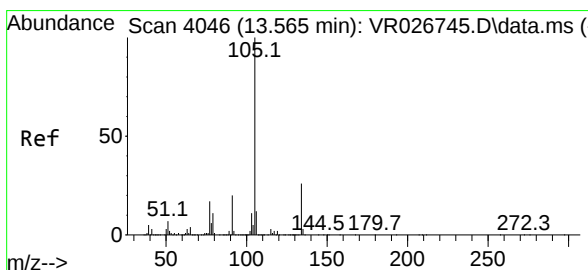
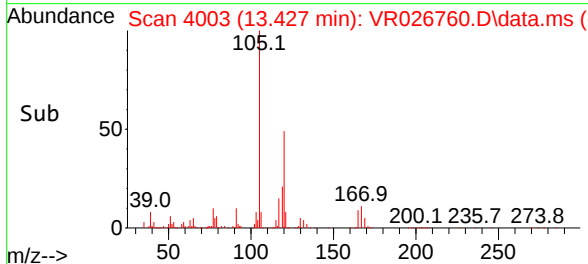
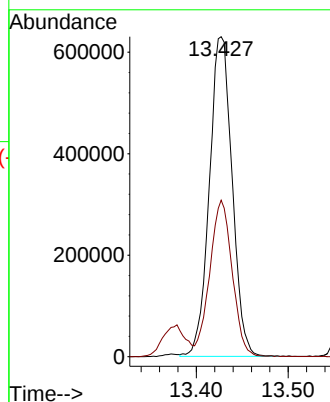
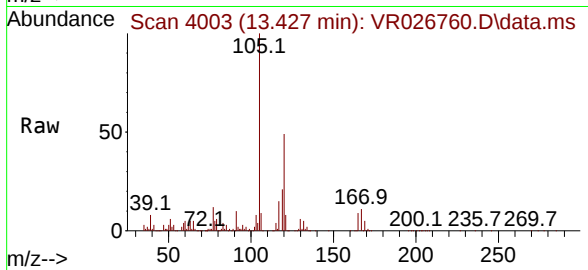
120 47.9 25.3 75.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#84

sec-Butylbenzene

Concen: 21.803 ug/l

RT: 13.578 min Scan# 4050

Delta R.T. 0.013 min

Lab File: VR026760.D

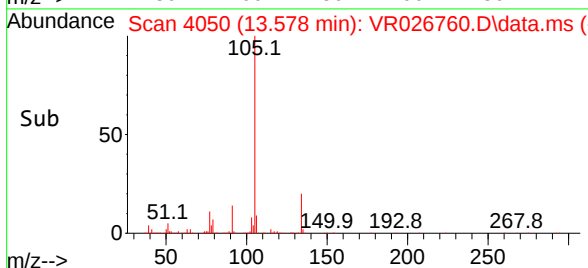
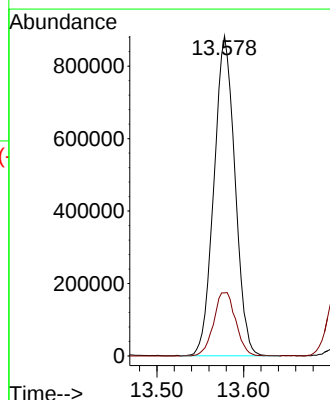
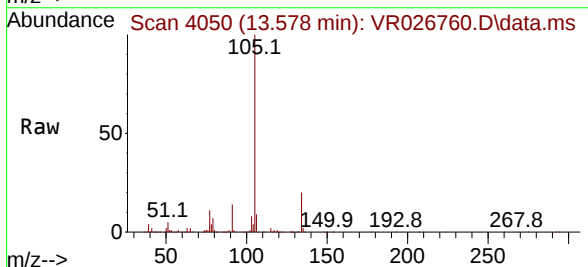
Acq: 25 Aug 2025 14:16

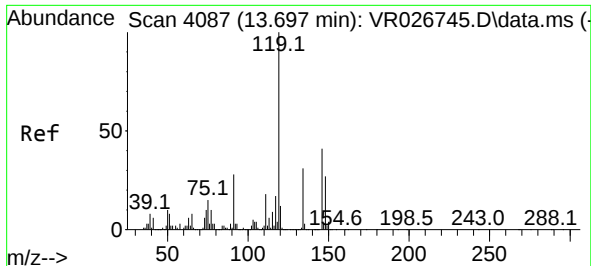
Tgt Ion:105 Resp: 1485417

Ion Ratio Lower Upper

105 100

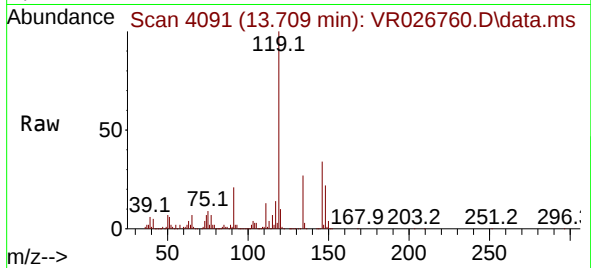
134 20.8 11.6 34.7





#85
p-Isopropyltoluene
Concen: 21.613 ug/l
RT: 13.709 min Scan# 4089
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

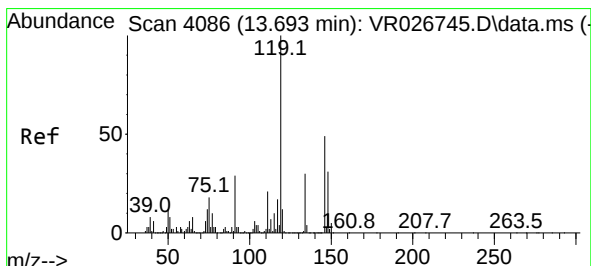
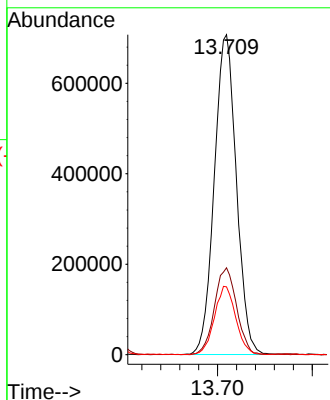
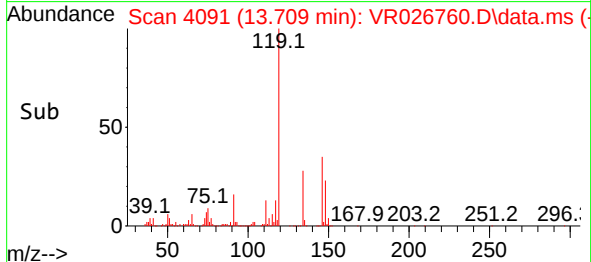
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



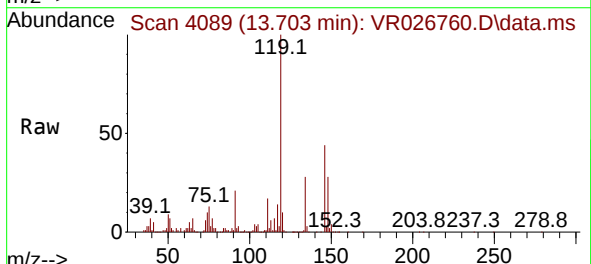
Tgt Ion:119 Resp: 114420
Ion Ratio Lower Upper
119 100
134 27.2 14.4 43.2
91 20.6 12.7 38.0

Manual Integrations
APPROVED

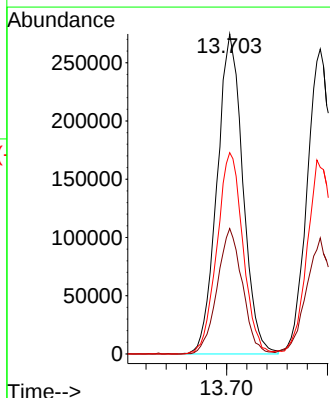
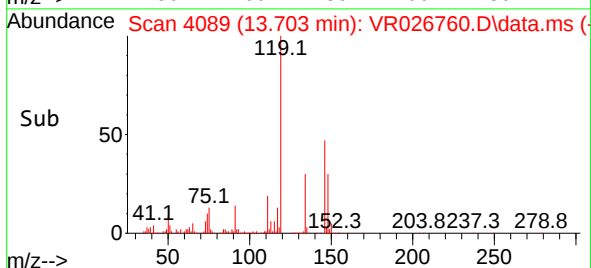
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

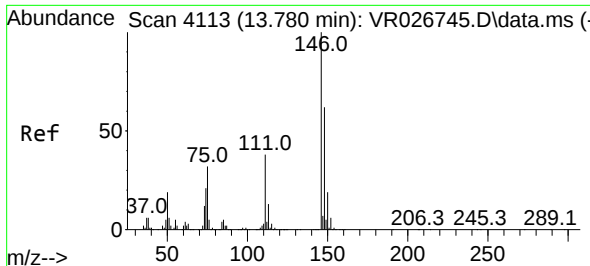


#86
1,3-Dichlorobenzene
Concen: 19.813 ug/l
RT: 13.703 min Scan# 4089
Delta R.T. 0.010 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



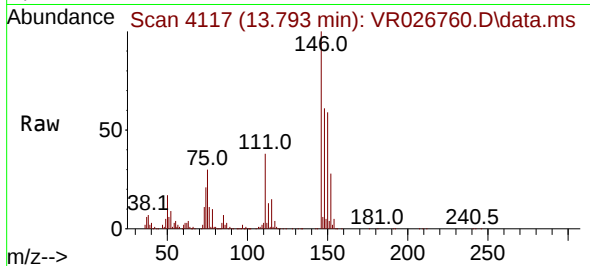
Tgt Ion:146 Resp: 488661
Ion Ratio Lower Upper
146 100
111 38.3 20.9 62.7
148 63.3 31.8 95.3





#87
1,4-Dichlorobenzene
Concen: 20.304 ug/l
RT: 13.793 min Scan# 4113
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

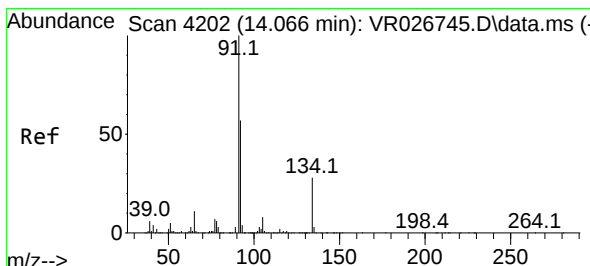
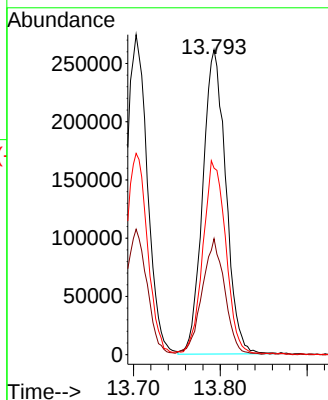
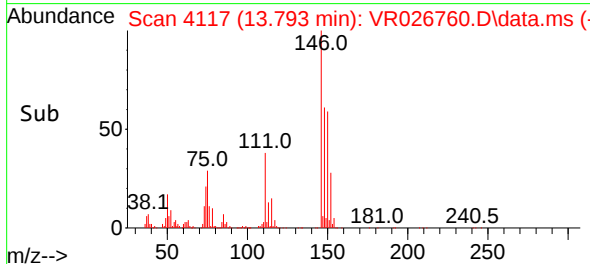
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



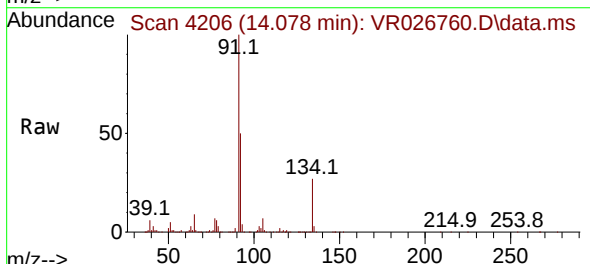
Tgt Ion:146 Resp: 482444
Ion Ratio Lower Upper
146 100
111 37.4 18.6 55.6
148 62.7 31.5 94.5

Manual Integrations
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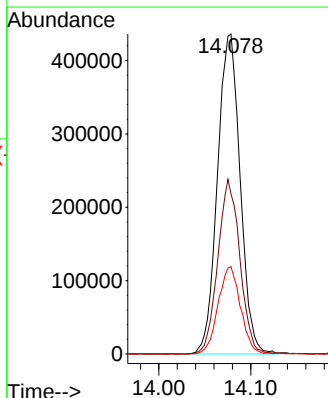
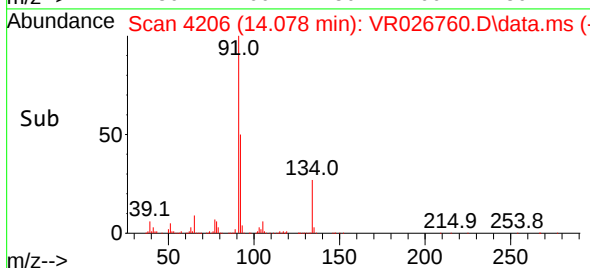
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

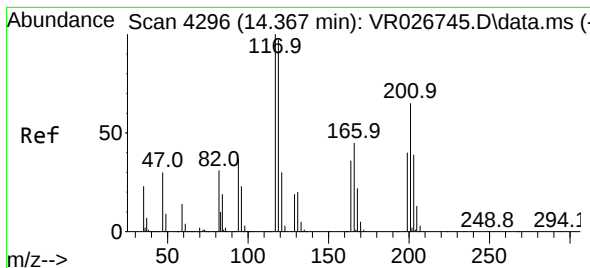


#88
n-Butylbenzene
Concen: 19.790 ug/l
RT: 14.078 min Scan# 4206
Delta R.T. 0.012 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



Tgt Ion: 91 Resp: 748579
Ion Ratio Lower Upper
91 100
92 53.0 27.7 83.0
134 26.9 13.5 40.5





#89

Hexachloroethane

Concen: 21.262 ug/l

RT: 14.377 min Scan# 4296

Delta R.T. 0.010 min

Lab File: VR026760.D

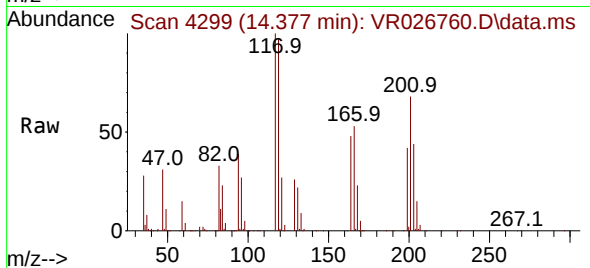
Acq: 25 Aug 2025 14:16

Instrument :

MSVOA_R

ClientSampleId :

VR0825WBS01



Tgt Ion:117 Resp: 182570

Ion Ratio Lower Upper

117 100

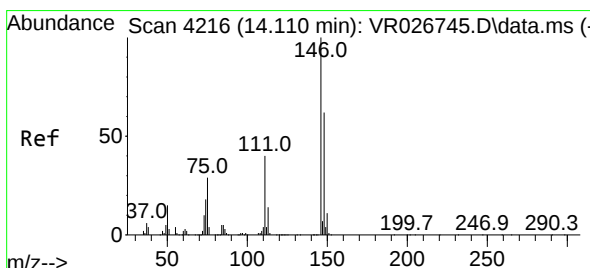
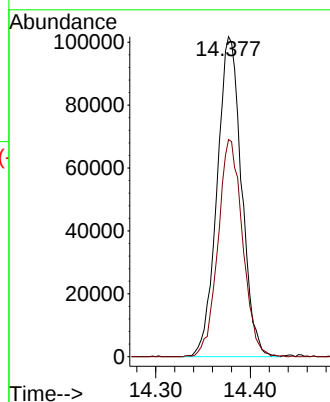
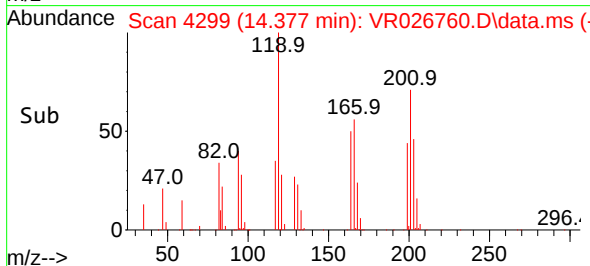
201 68.1 33.3 99.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#90

1,2-Dichlorobenzene

Concen: 19.300 ug/l

RT: 14.120 min Scan# 4219

Delta R.T. 0.010 min

Lab File: VR026760.D

Acq: 25 Aug 2025 14:16

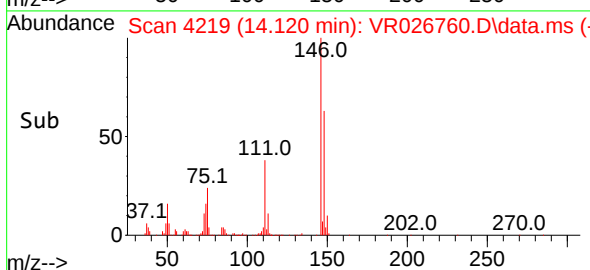
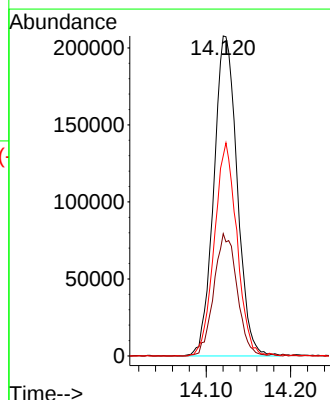
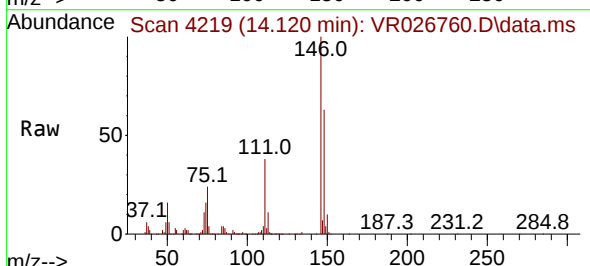
Tgt Ion:146 Resp: 399742

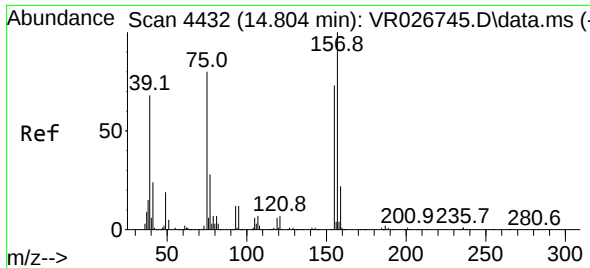
Ion Ratio Lower Upper

146 100

111 37.8 19.9 59.7

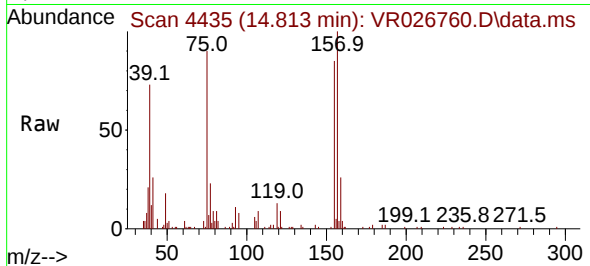
148 64.1 31.5 94.5





#91
 1,2-Dibromo-3-Chloropropane
 Concen: 20.026 ug/l
 RT: 14.813 min Scan# 4435
 Delta R.T. 0.009 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16

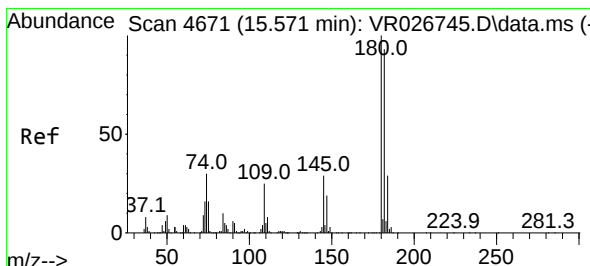
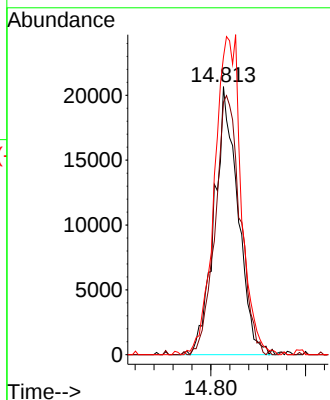
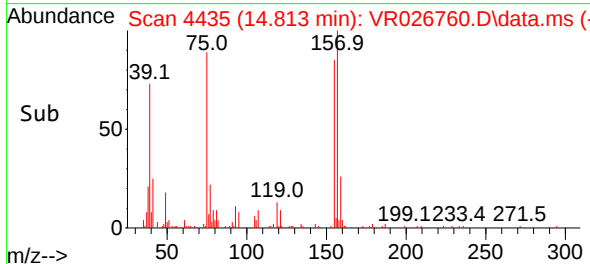
Instrument :
 MSVOA_R
 ClientSampleId :
 VR0825WBS01



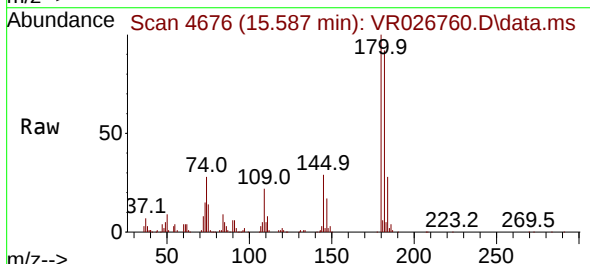
Tgt Ion: 75 Resp: 36039
 Ion Ratio Lower Upper
 75 100
 155 101.6 48.4 145.3
 157 133.2 62.3 186.8

Manual Integrations
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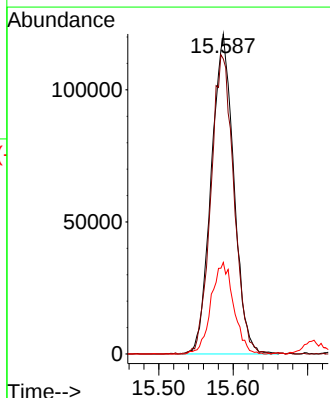
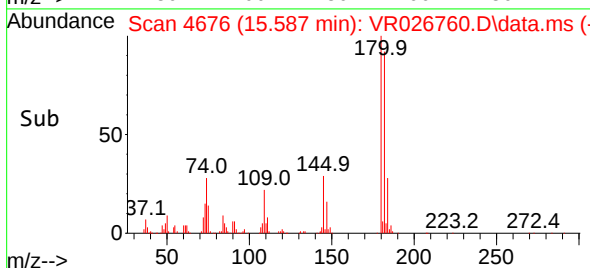
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

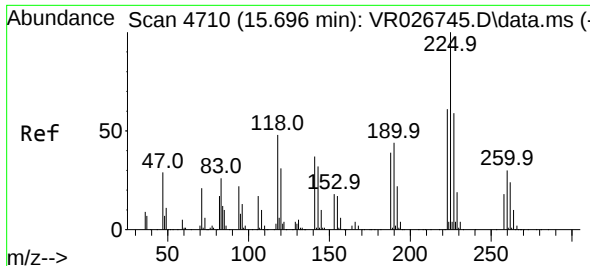


#92
 1,2,4-Trichlorobenzene
 Concen: 18.794 ug/l
 RT: 15.587 min Scan# 4676
 Delta R.T. 0.016 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16



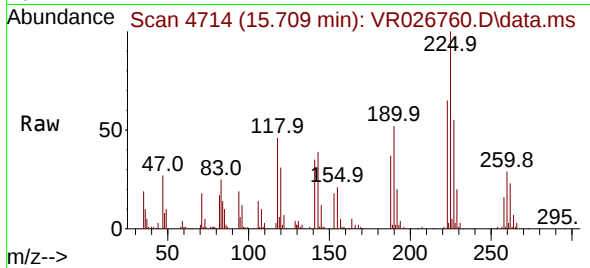
Tgt Ion:180 Resp: 255747
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.1 141.4
 145 28.5 14.4 43.4





#93
Hexachlorobutadiene
Concen: 19.011 ug/l
RT: 15.709 min Scan# 4710
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16

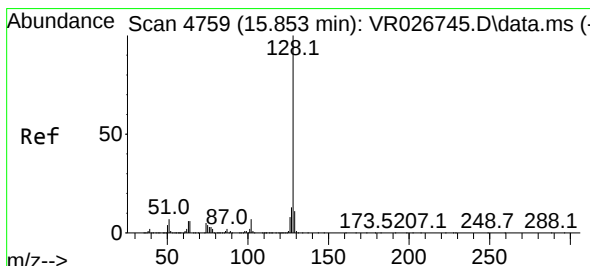
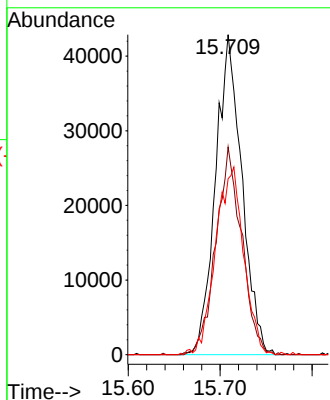
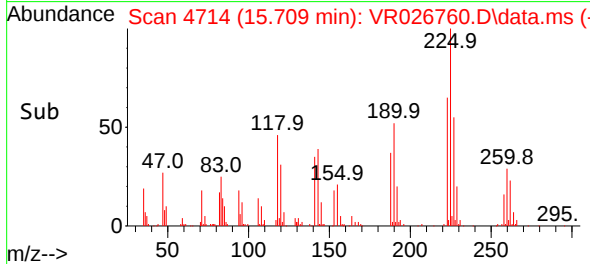
Instrument :
MSVOA_R
ClientSampleId :
VR0825WBS01



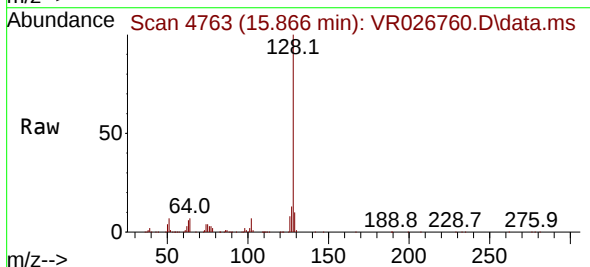
Tgt Ion:225 Resp: 85270
Ion Ratio Lower Upper
225 100
223 63.7 31.5 94.5
227 62.7 31.3 93.8

Manual Integrations
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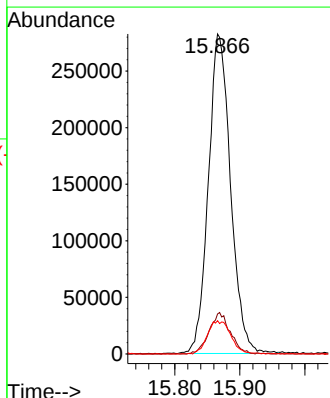
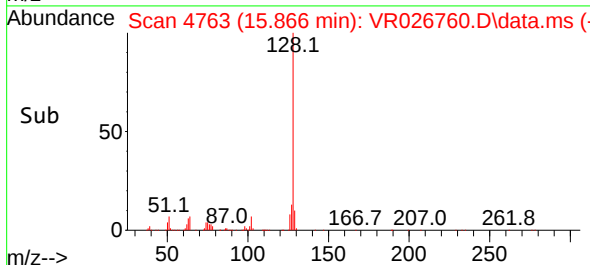
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

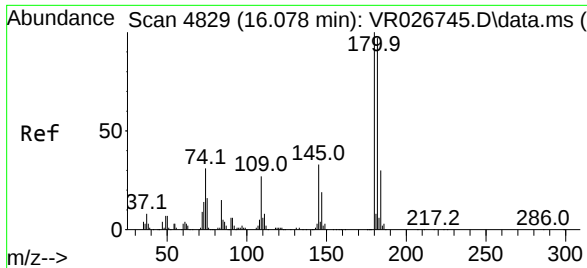


#94
Naphthalene
Concen: 17.187 ug/l
RT: 15.866 min Scan# 4763
Delta R.T. 0.013 min
Lab File: VR026760.D
Acq: 25 Aug 2025 14:16



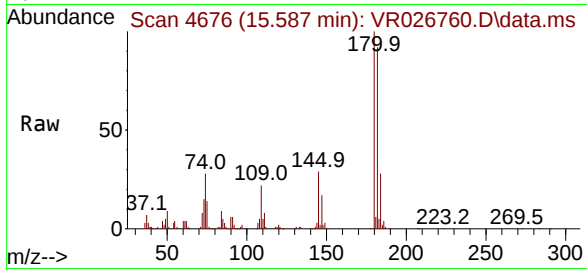
Tgt Ion:128 Resp: 668771
Ion Ratio Lower Upper
128 100
127 12.3 10.0 15.0
129 11.0 8.7 13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 19.368 ug/l
 RT: 15.587 min Scan# 41
 Delta R.T. -0.491 min
 Lab File: VR026760.D
 Acq: 25 Aug 2025 14:16

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0825WBS01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	28.5	15.6	46.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

